

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045538.D
 Acq On : 02 Apr 2025 11:44
 Operator : JC/MD
 Sample : VX0402WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2025
 Supervised By : Mahesh Dadoda 04/03/2025

Quant Time: Apr 03 01:48:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	93800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85730	49.978	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.960%		
35) Dibromofluoromethane	5.379	113	57850	49.876	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.760%		
50) Toluene-d8	8.647	98	202885	50.114	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.220%		
62) 4-Bromofluorobenzene	11.079	95	74958	50.831	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28237	20.129	ug/l	97
3) Chloromethane	1.307	50	26820	18.610	ug/l	99
4) Vinyl Chloride	1.374	62	24088	18.264	ug/l	99
5) Bromomethane	1.593	94	10937	17.490	ug/l	100
6) Chloroethane	1.666	64	13544	19.356	ug/l	98
7) Trichlorofluoromethane	1.873	101	37016	18.822	ug/l	95
8) Diethyl Ether	2.136	74	12134	18.377	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	22759	19.749	ug/l	96
10) Methyl Iodide	2.440	142	25733	17.902	ug/l	99
11) Tert butyl alcohol	2.977	59	23194	100.611	ug/l	99
12) 1,1-Dichloroethene	2.306	96	20667	18.353	ug/l	99
13) Acrolein	2.233	56	32852	103.485	ug/l	99
14) Allyl chloride	2.654	41	40356	18.888	ug/l	99
15) Acrylonitrile	3.062	53	71661	98.476	ug/l	100
16) Acetone	2.380	43	68206	96.832	ug/l	99
17) Carbon Disulfide	2.501	76	51286	18.440	ug/l	98
18) Methyl Acetate	2.703	43	31604	19.488	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	75422	19.147	ug/l	100
20) Methylene Chloride	2.782	84	24807	18.812	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	21165	18.398	ug/l	99
22) Diisopropyl ether	3.763	45	79017	18.774	ug/l	98
23) Vinyl Acetate	3.721	43	357094	98.202	ug/l	99
24) 1,1-Dichloroethane	3.605	63	43351	18.213	ug/l	99
25) 2-Butanone	4.556	43	103578	100.458	ug/l	98
26) 2,2-Dichloropropane	4.464	77	30350	19.735	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	25473	18.174	ug/l	97
28) Bromochloromethane	4.885	49	22022	19.146	ug/l	98
29) Tetrahydrofuran	5.001	42	66414	99.352	ug/l	99
30) Chloroform	5.086	83	46260	18.888	ug/l	96
31) Cyclohexane	5.458	56	39024	18.546	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	38708	18.678	ug/l	98
36) 1,1-Dichloropropene	5.684	75	28644	18.290	ug/l	99
37) Ethyl Acetate	4.714	43	37414	18.958	ug/l	98
38) Carbon Tetrachloride	5.665	117	31939	18.871	ug/l	97
39) Methylcyclohexane	7.379	83	38282	19.942	ug/l	97
40) Benzene	6.031	78	90807	18.986	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21150	20.311	ug/l	98
42) 1,2-Dichloroethane	6.080	62	38844	19.663	ug/l	99
43) Isopropyl Acetate	6.336	43	59822	19.999	ug/l	99
44) Trichloroethene	7.123	130	21235	18.679	ug/l	91
45) 1,2-Dichloropropane	7.421	63	22900	19.189	ug/l	95
46) Dibromomethane	7.580	93	17742	19.367	ug/l	96
47) Bromodichloromethane	7.818	83	35019	19.141	ug/l	98
48) Methyl methacrylate	7.690	41	30328	19.637	ug/l	98
49) 1,4-Dioxane	7.659	88	12427	444.734	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	208922	105.361	ug/l	99
52) Toluene	8.714	92	54303	18.763	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	29413	18.242	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	34155	19.867	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	22669	19.656	ug/l	97
56) Ethyl methacrylate	9.116	69	35872	20.098	ug/l	99
57) 1,3-Dichloropropane	9.305	76	39713	19.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	95458	105.724	ug/l	99
59) 2-Hexanone	9.427	43	154672	105.333	ug/l	100
60) Dibromochloromethane	9.518	129	25325	20.142	ug/l	95
61) 1,2-Dibromoethane	9.610	107	22924	19.636	ug/l	99
64) Tetrachloroethene	9.268	164	19167	19.015	ug/l	91
65) Chlorobenzene	10.079	112	59090	19.369	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	20588	19.438	ug/l	97
67) Ethyl Benzene	10.189	91	107012	19.586	ug/l	96
68) m/p-Xylenes	10.299	106	78342	39.423	ug/l	99
69) o-Xylene	10.640	106	38430	19.631	ug/l	97
70) Styrene	10.652	104	63808	19.748	ug/l	100
71) Bromoform	10.799	173	15687	19.836	ug/l #	97
73) Isopropylbenzene	10.957	105	101744	19.166	ug/l	100
74) N-amyl acetate	10.841	43	49916	19.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36579	19.615	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31588m	19.540	ug/l	
77) Bromobenzene	11.195	156	23119	18.848	ug/l	99
78) n-propylbenzene	11.305	91	117276	19.179	ug/l	100
79) 2-Chlorotoluene	11.360	91	74347	19.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	86019	19.595	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9156	19.222	ug/l	96
82) 4-Chlorotoluene	11.451	91	82413	18.909	ug/l	98
83) tert-Butylbenzene	11.713	119	85024	19.563	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	85641	19.437	ug/l	99
85) sec-Butylbenzene	11.890	105	105051	19.680	ug/l	100
86) p-Isopropyltoluene	12.006	119	85554	19.440	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	42452	19.013	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	42495	18.773	ug/l	98
89) n-Butylbenzene	12.329	91	75804	19.864	ug/l	98
90) Hexachloroethane	12.536	117	14245	18.835	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	42474	19.134	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7810	20.025	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	23455	18.982	ug/l	99
94) Hexachlorobutadiene	13.725	225	9904	18.601	ug/l	95
95) Naphthalene	13.774	128	88498	19.246	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24776	19.149	ug/l	98

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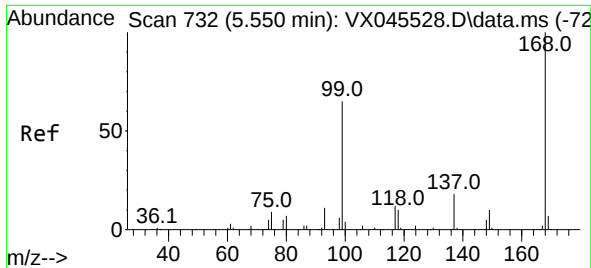
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/03/2025

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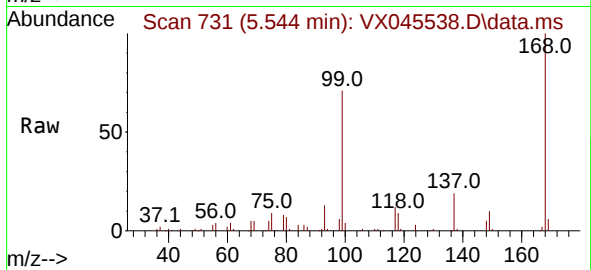
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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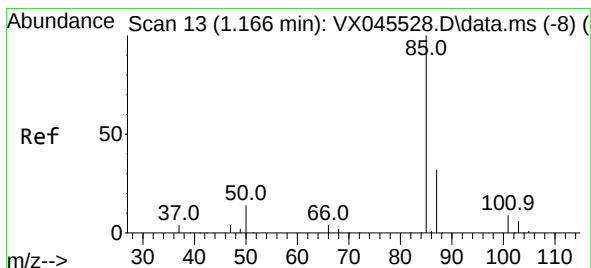
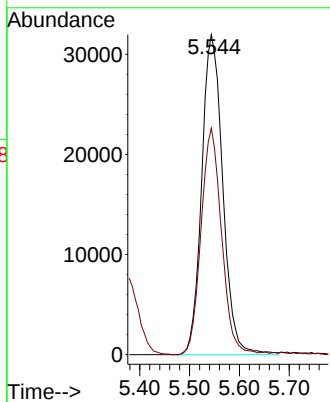
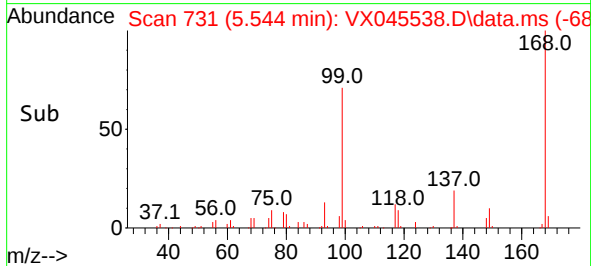
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



Tgt Ion:168 Resp: 93800
Ion Ratio Lower Upper
168 100
99 70.8 52.3 78.5

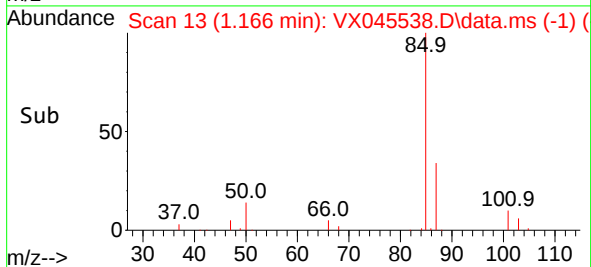
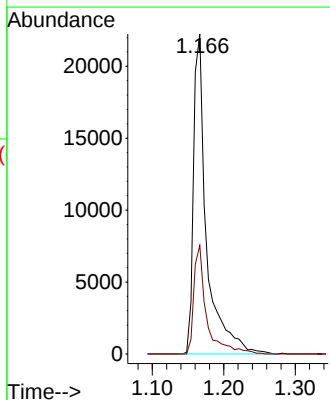
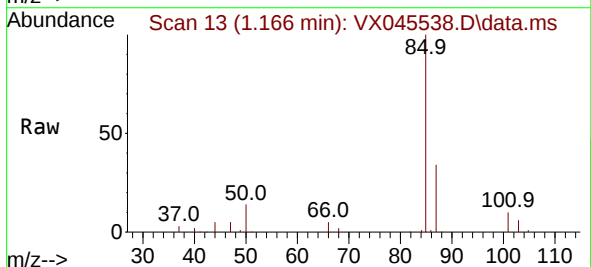
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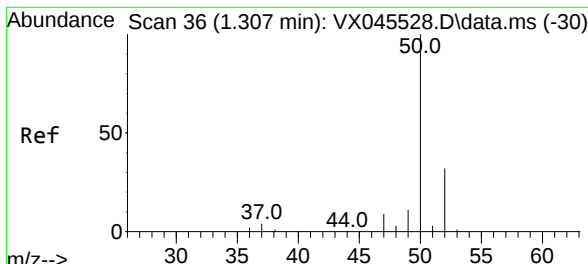
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#2
Dichlorodifluoromethane
Concen: 20.129 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion: 85 Resp: 28237
Ion Ratio Lower Upper
85 100
87 33.9 16.1 48.2

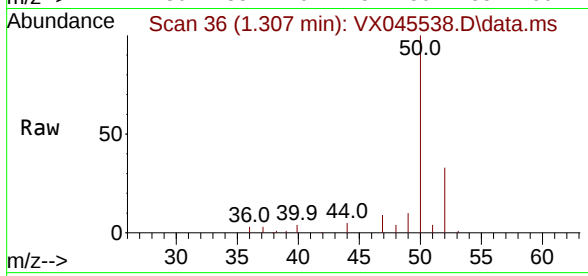




#3
 Chloromethane
 Concen: 18.610 ug/l
 RT: 1.307 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VX045538.D
 Acq: 02 Apr 2025 11:44

Instrument :

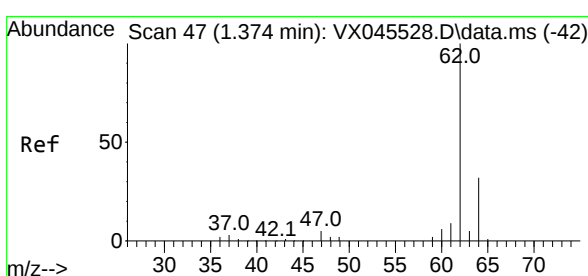
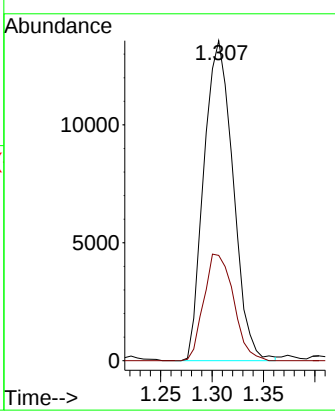
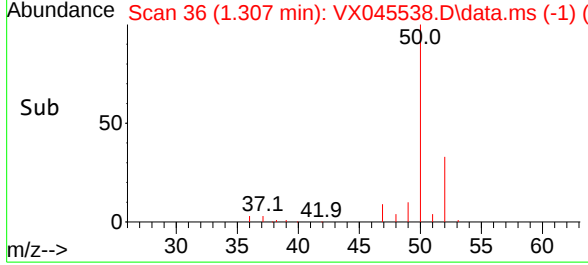
MSVOA_X
 ClientSampleId :
 VX0402WBSD01



Tgt Ion: 50 Resp: 26820
 Ion Ratio Lower Upper
 50 100
 52 32.9 25.9 38.9

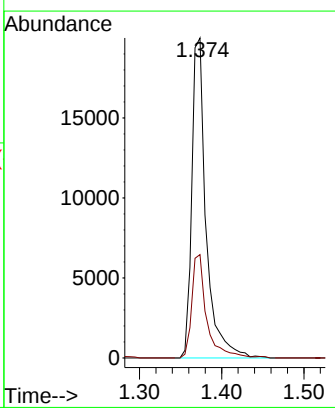
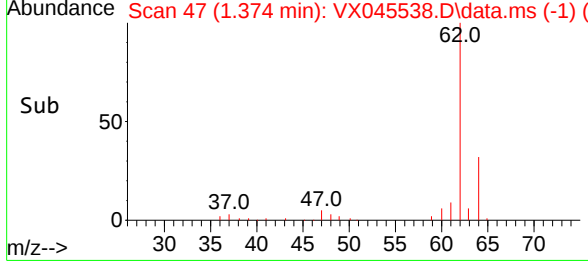
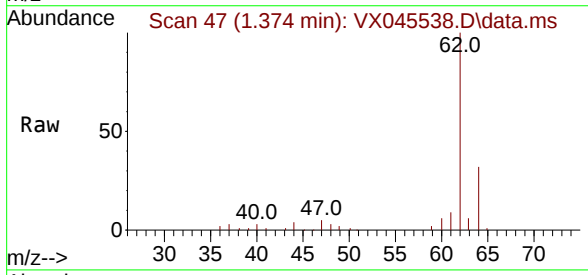
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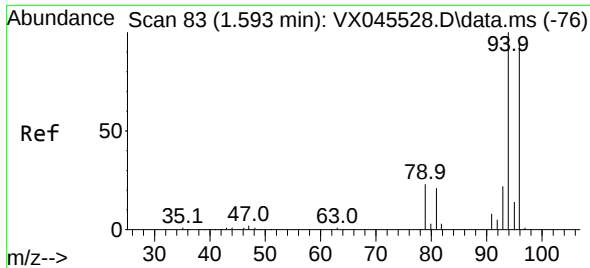
Reviewed By :John Carlone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#4
 Vinyl Chloride
 Concen: 18.264 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX045538.D
 Acq: 02 Apr 2025 11:44

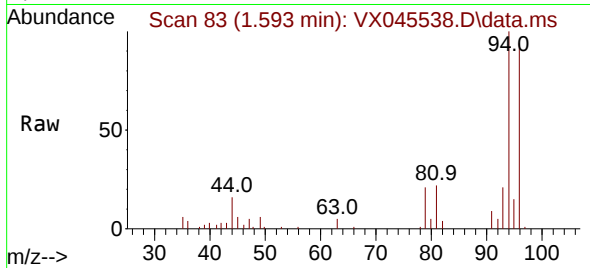
Tgt Ion: 62 Resp: 24088
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.5 38.3





#5
Bromomethane
Concen: 17.490 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

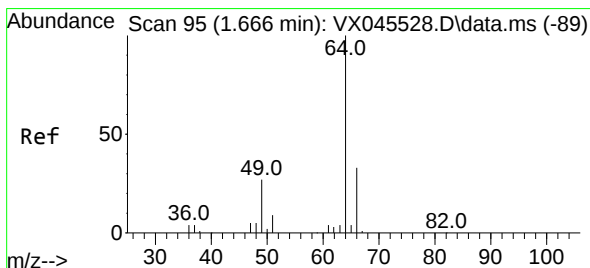
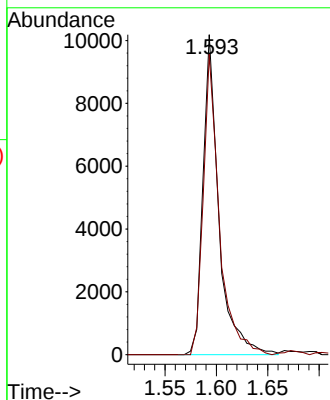
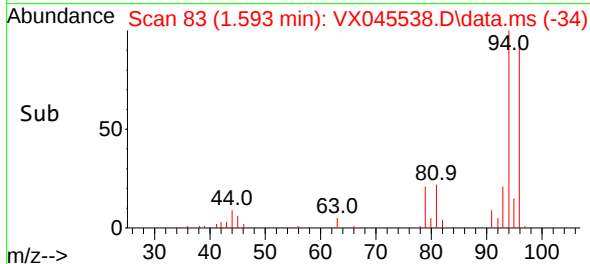
Instrument :
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Tgt Ion: 94 Resp: 1093
Ion Ratio Lower Upper
94 100
96 93.8 74.8 112.2

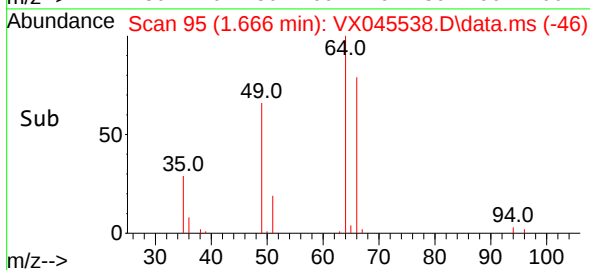
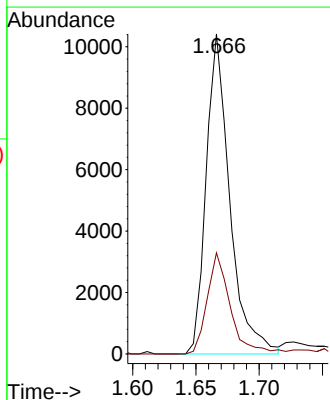
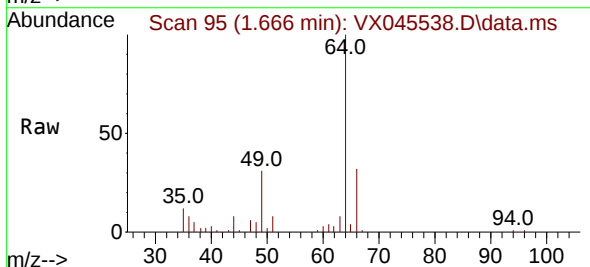
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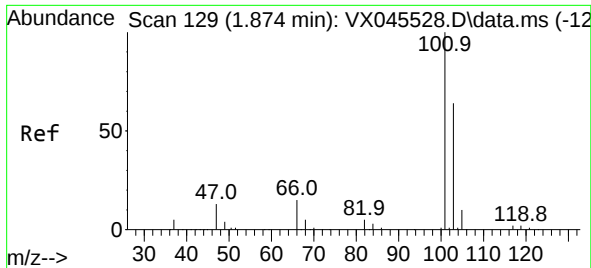
Reviewed By :John Carlone 04/03/2025
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#6
Chloroethane
Concen: 19.356 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045538.D
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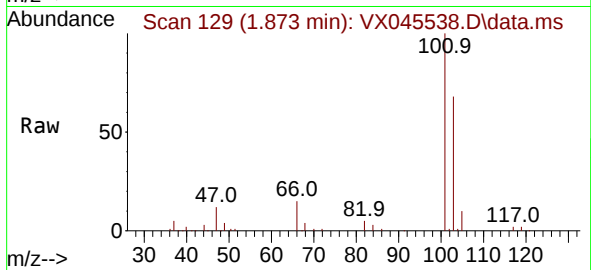
Tgt Ion: 64 Resp: 13544
Ion Ratio Lower Upper
64 100
66 31.6 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 18.822 ug/l
 RT: 1.873 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045538.D
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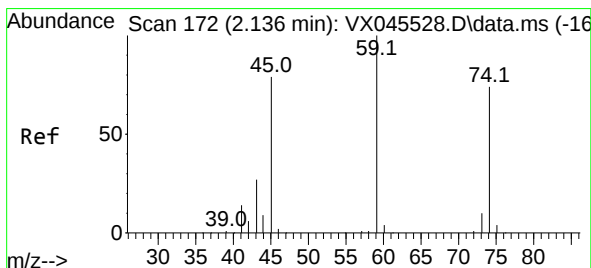
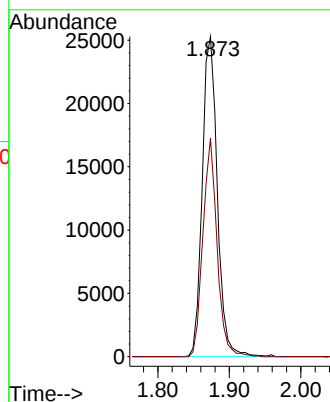
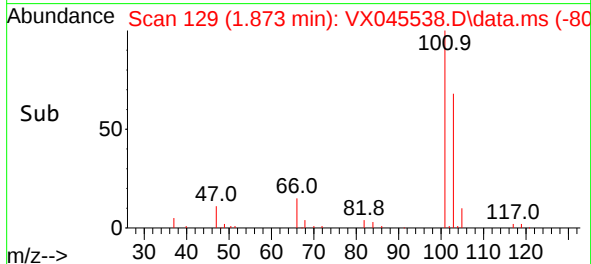
Instrument :
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Tgt Ion:101 Resp: 37010
 Ion Ratio Lower Upper
 101 100
 103 68.2 51.1 76.7

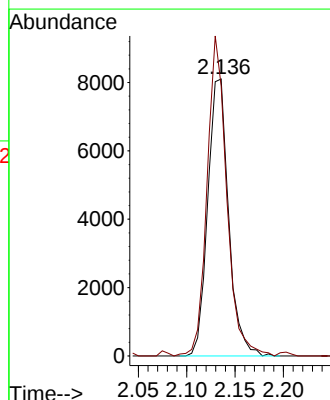
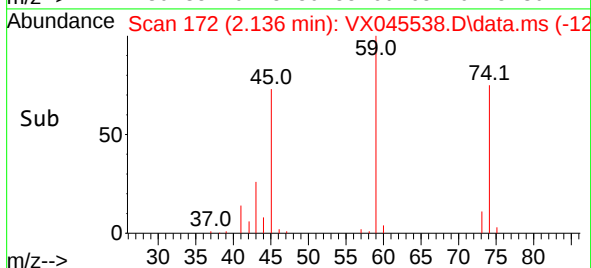
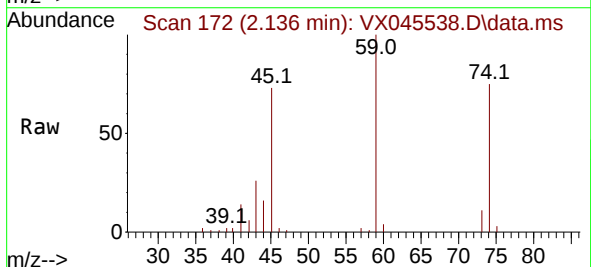
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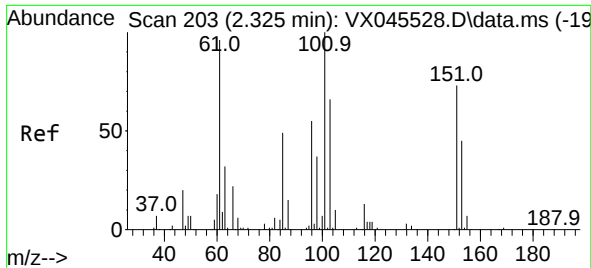
Reviewed By :John Carlone 04/03/2025
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#8
 Diethyl Ether
 Concen: 18.377 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX045538.D
 Acq: 02 Apr 2025 11:44

Tgt Ion: 74 Resp: 12134
 Ion Ratio Lower Upper
 74 100
 45 108.9 53.0 159.1





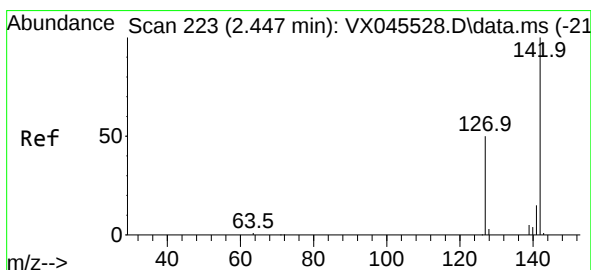
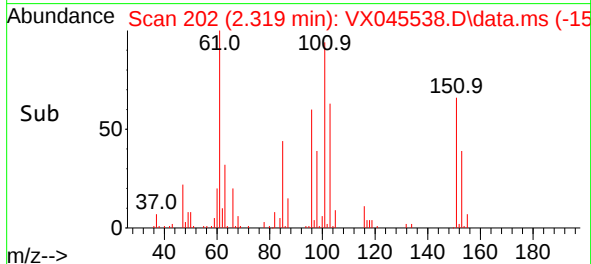
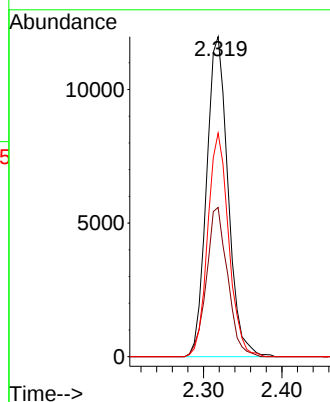
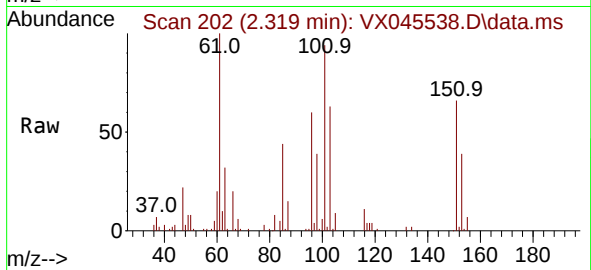
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.749 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tgt Ion:101 Resp: 22759
Ion Ratio Lower Upper
101 100
85 46.2 38.9 58.3
151 68.3 57.5 86.3

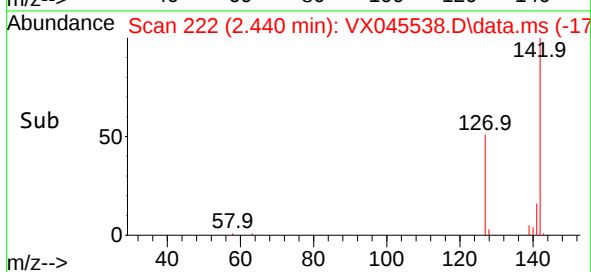
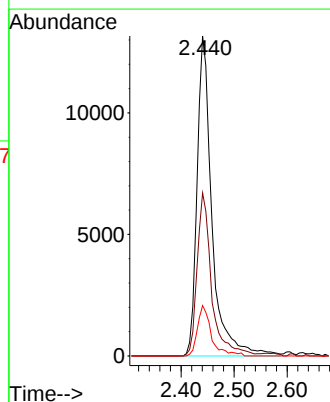
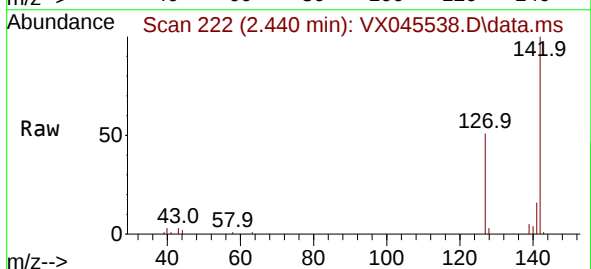
Manual Integrations
APPROVED

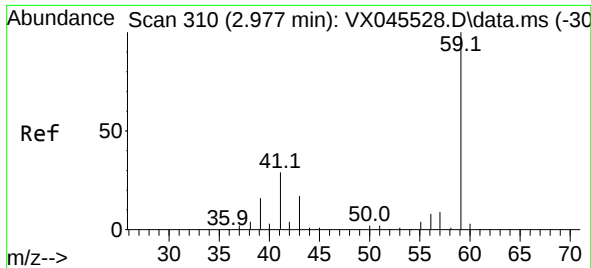
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#10
Methyl Iodide
Concen: 17.902 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion:142 Resp: 25733
Ion Ratio Lower Upper
142 100
127 49.6 40.2 60.4
141 14.8 11.7 17.5





#11

Tert butyl alcohol

Concen: 100.611 ug/l

RT: 2.977 min Scan# 310

Delta R.T. -0.000 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

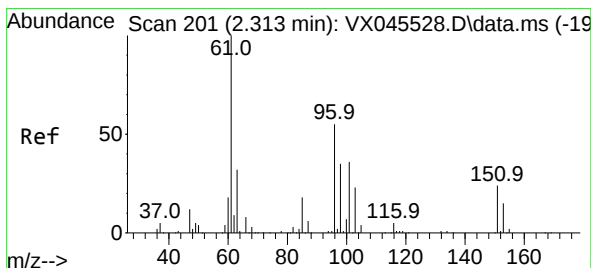
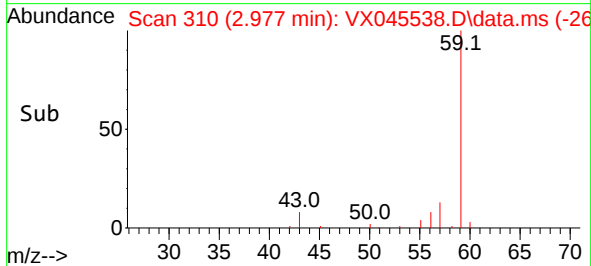
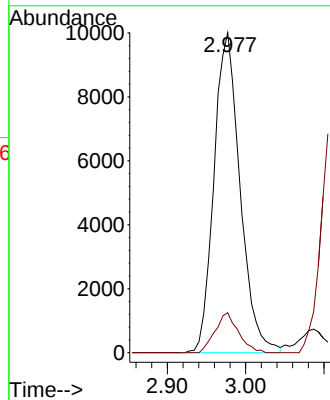
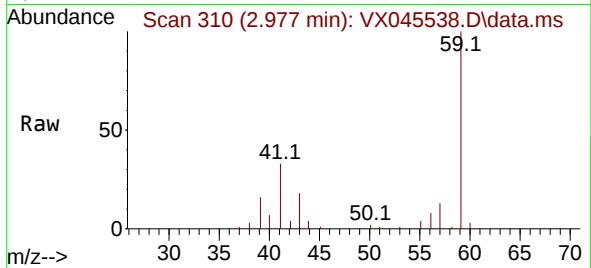
Tgt Ion: 59 Resp: 23194
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#12

1,1-Dichloroethene

Concen: 18.353 ug/l

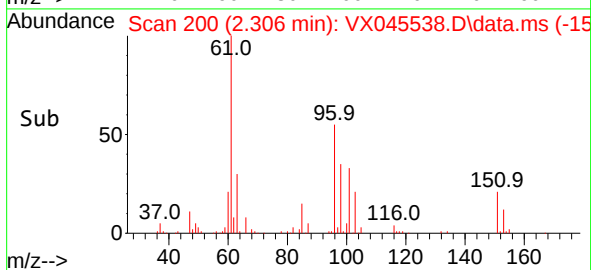
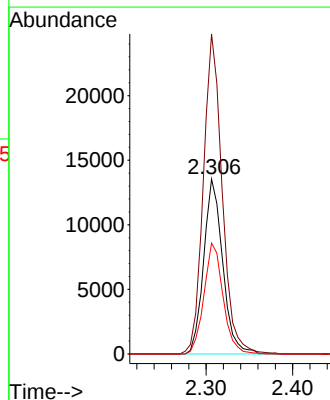
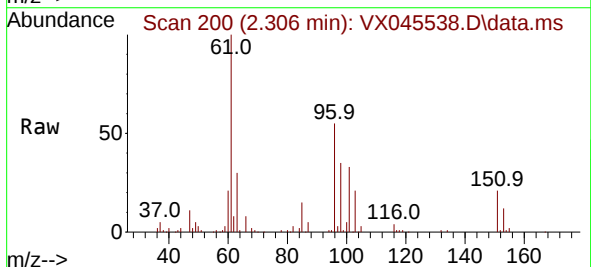
RT: 2.306 min Scan# 200

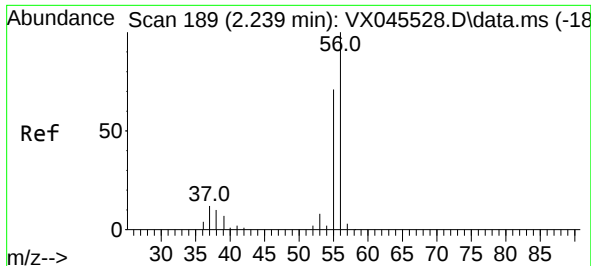
Delta R.T. -0.006 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

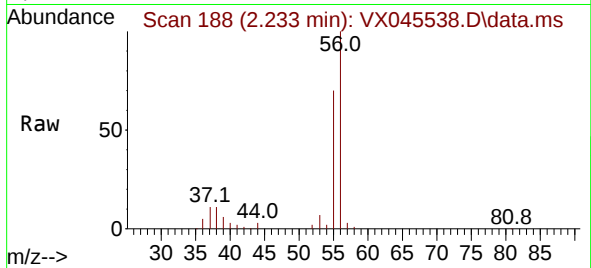
Tgt Ion: 96 Resp: 20667
 Ion Ratio Lower Upper
 96 100
 61 183.0 145.7 218.5
 98 63.4 51.6 77.4





#13
Acrolein
Concen: 103.485 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

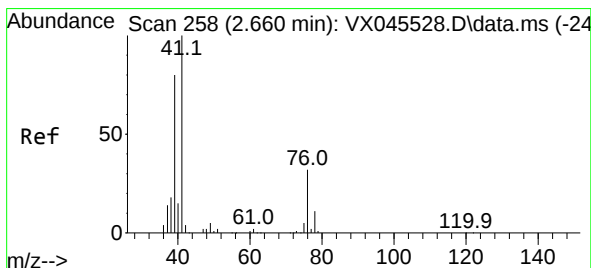
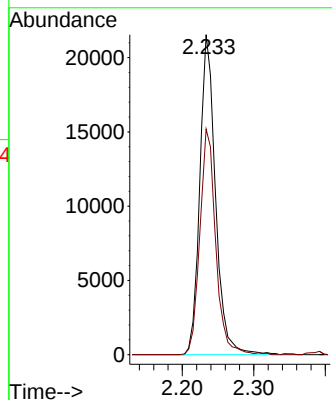
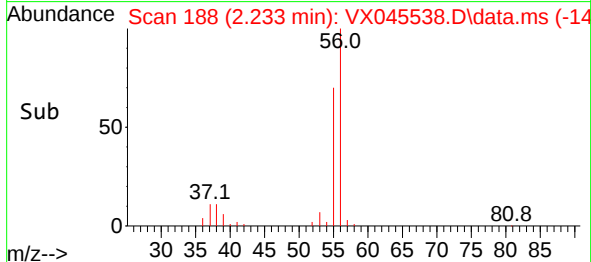
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



Tgt Ion: 56 Resp: 3285
Ion Ratio Lower Upper
56 100
55 71.0 56.2 84.2

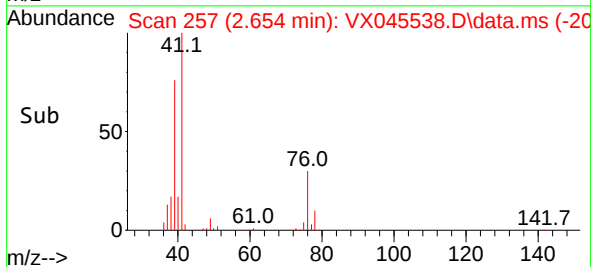
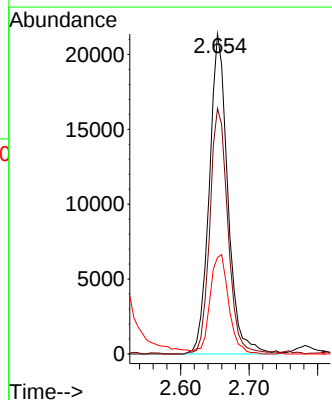
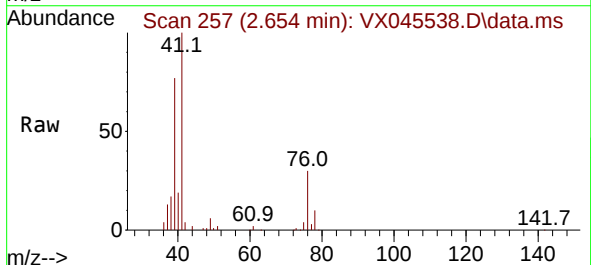
Manual Integrations
APPROVED

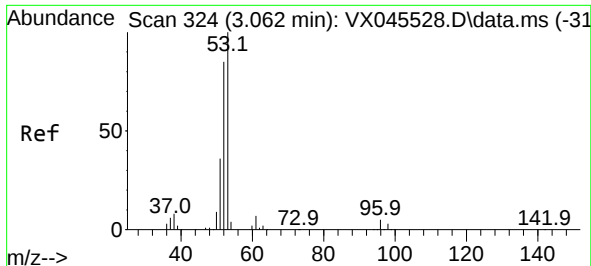
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#14
Allyl chloride
Concen: 18.888 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

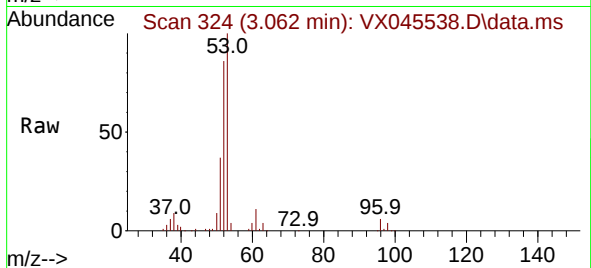
Tgt Ion: 41 Resp: 40356
Ion Ratio Lower Upper
41 100
39 74.9 60.2 90.2
76 31.2 24.6 36.8





#15
Acrylonitrile
Concen: 98.476 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

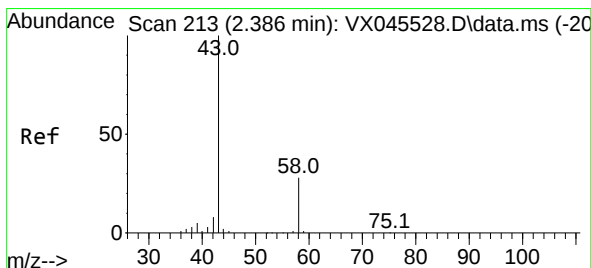
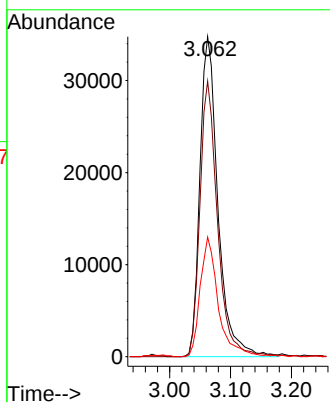
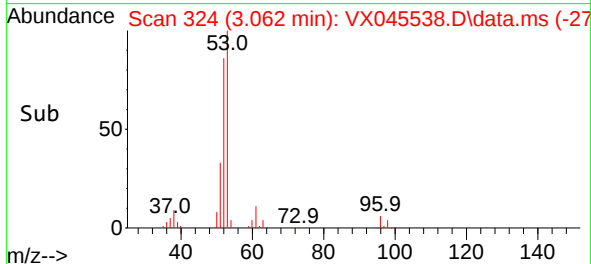
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



Tgt Ion: 53 Resp: 7166
Ion Ratio Lower Upper
53 100
52 84.2 67.4 101.2
51 37.7 29.9 44.9

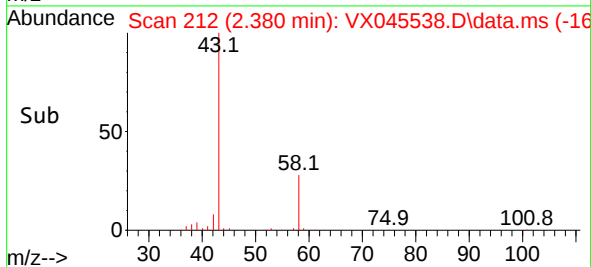
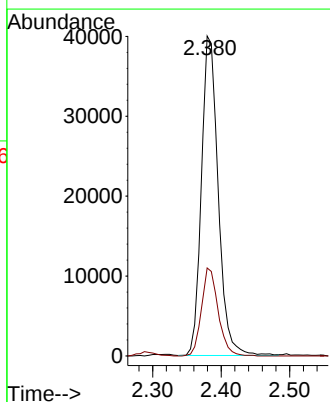
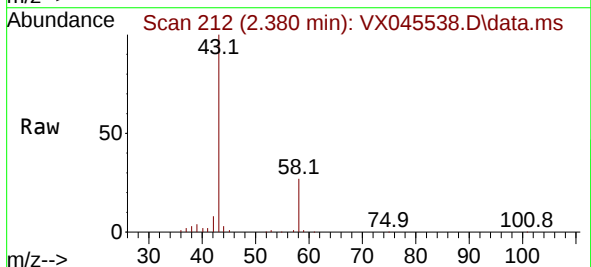
Manual Integrations
APPROVED

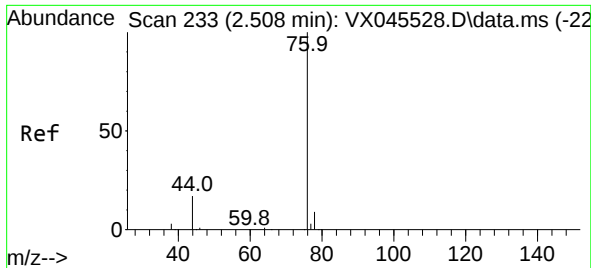
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#16
Acetone
Concen: 96.832 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion: 43 Resp: 68206
Ion Ratio Lower Upper
43 100
58 27.5 22.3 33.5





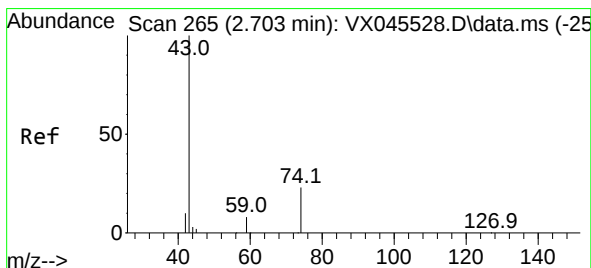
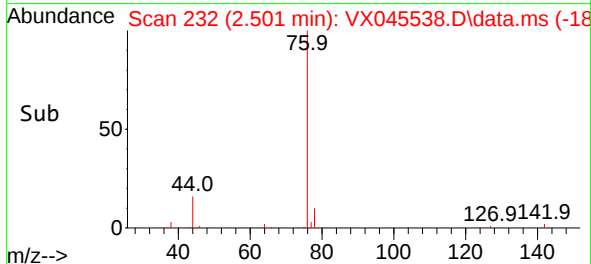
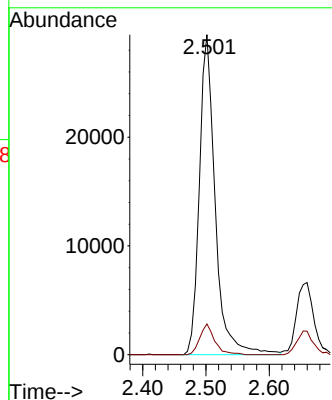
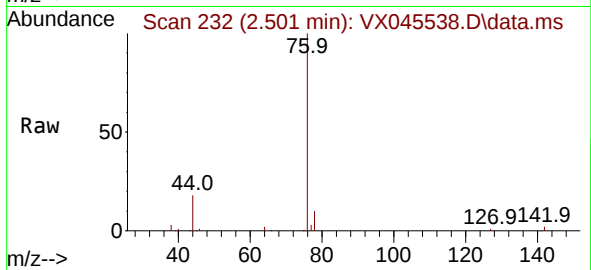
#17
Carbon Disulfide
Concen: 18.440 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tgt Ion: 76 Resp: 51280
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

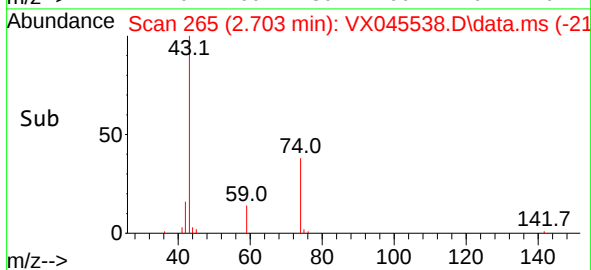
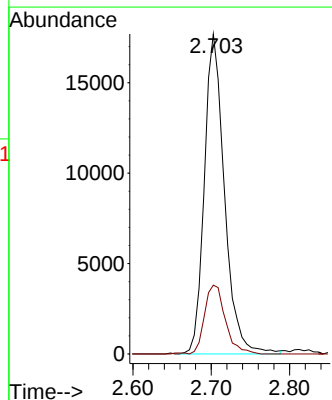
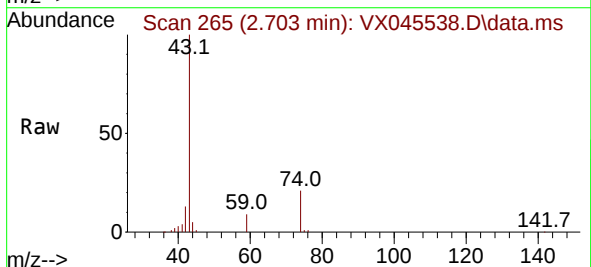
Manual Integrations
APPROVED

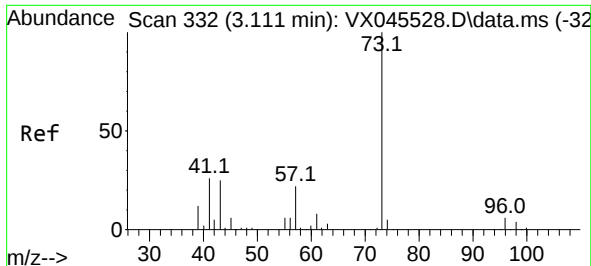
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#18
Methyl Acetate
Concen: 19.488 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion: 43 Resp: 31604
Ion Ratio Lower Upper
43 100
74 22.3 17.5 26.3





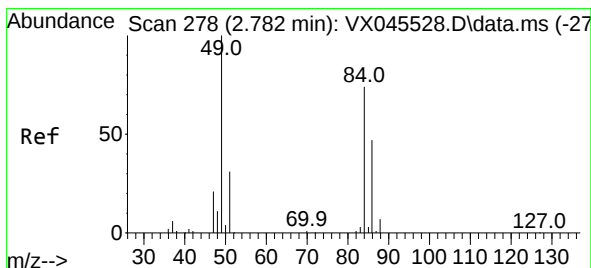
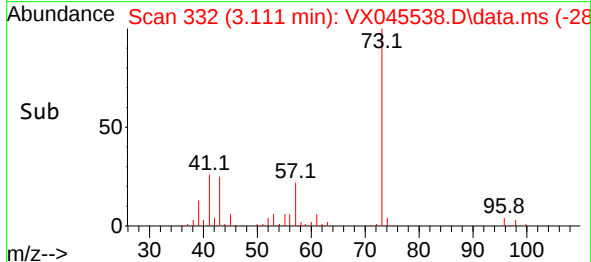
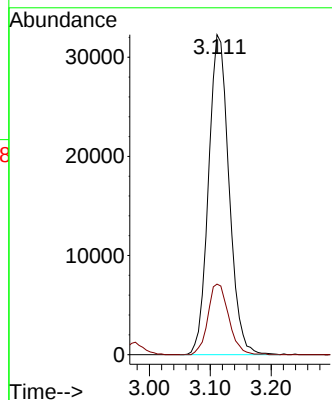
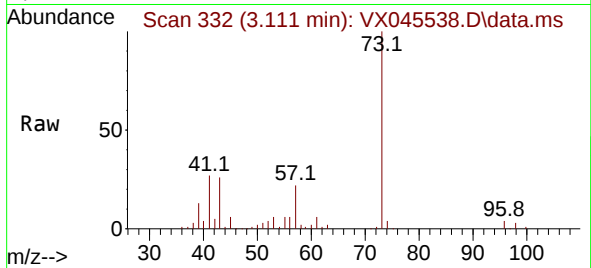
#19
Methyl tert-butyl Ether
Concen: 19.147 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tgt Ion: 73 Resp: 7542
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4

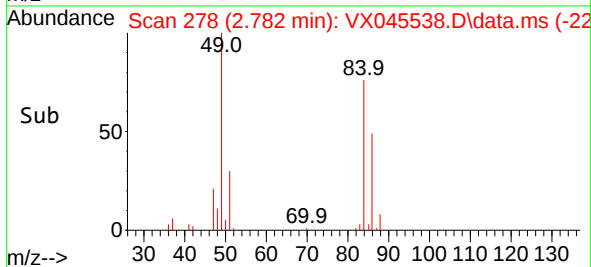
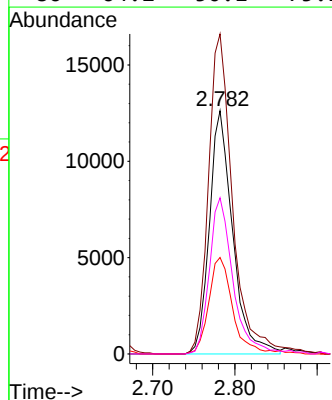
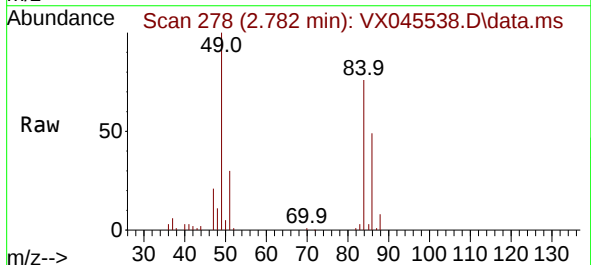
Manual Integrations
APPROVED

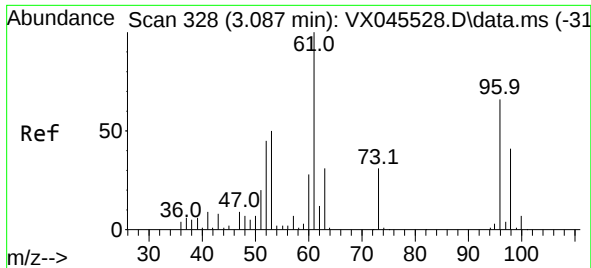
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#20
Methylene Chloride
Concen: 18.812 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

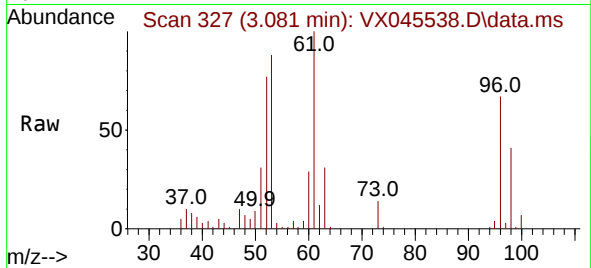
Tgt Ion: 84 Resp: 24807
Ion Ratio Lower Upper
84 100
49 131.6 107.5 161.3
51 39.7 33.0 49.6
86 64.2 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 18.398 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

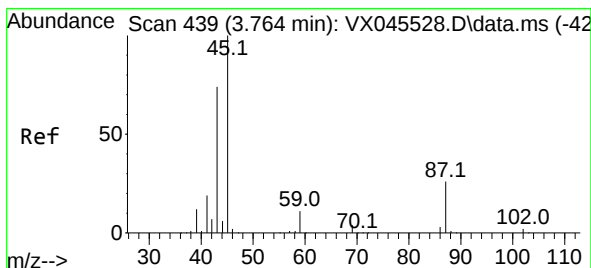
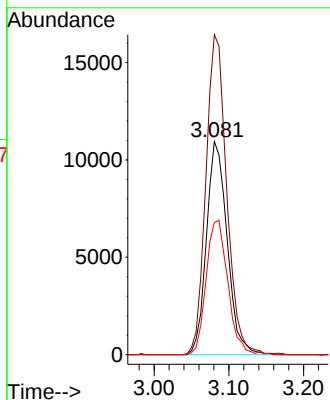
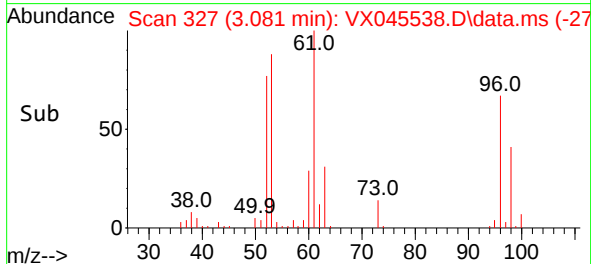
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



Tgt Ion: 96 Resp: 2116
Ion Ratio Lower Upper
96 100
61 150.1 121.0 181.6
98 62.0 49.7 74.5

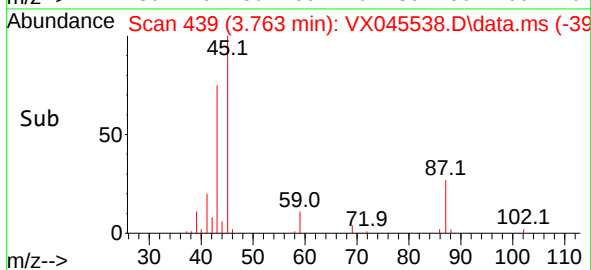
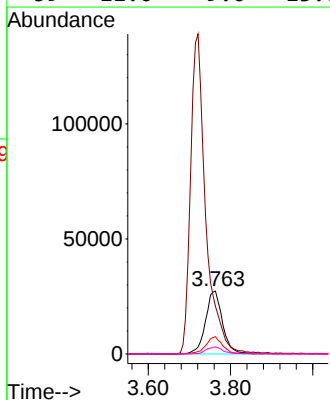
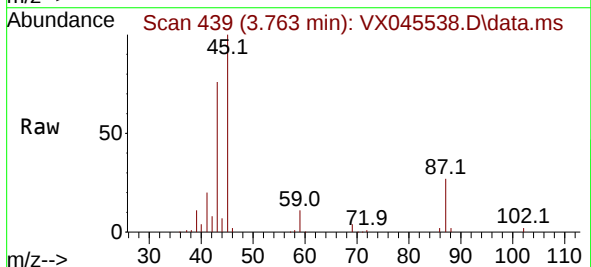
Manual Integrations
APPROVED

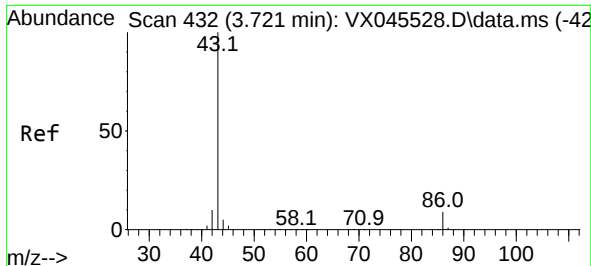
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#22
Diisopropyl ether
Concen: 18.774 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

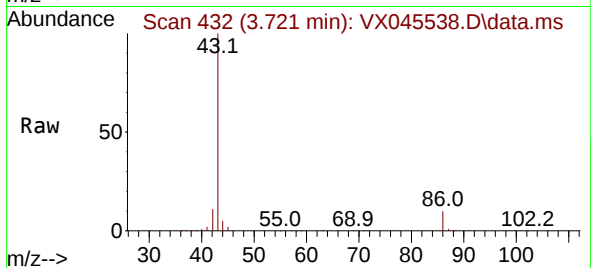
Tgt Ion: 45 Resp: 79017
Ion Ratio Lower Upper
45 100
43 75.2 59.3 88.9
87 27.4 20.4 30.6
59 11.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 98.202 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX045538.D
 Acq: 02 Apr 2025 11:44

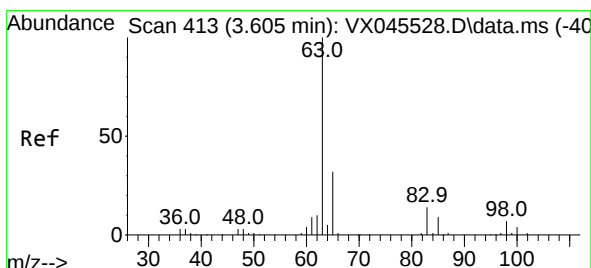
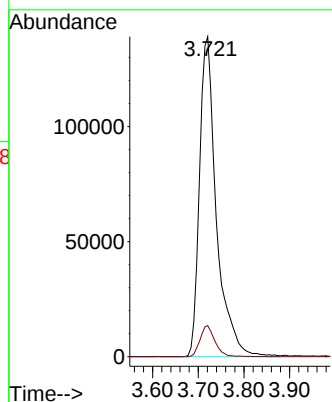
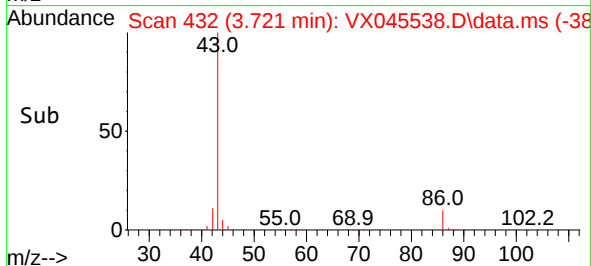
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01



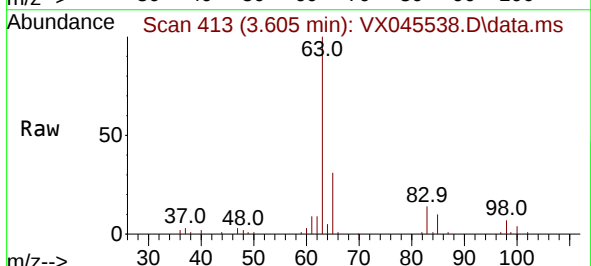
Tgt Ion: 43 Resp: 357094
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3

Manual Integrations
 APPROVED

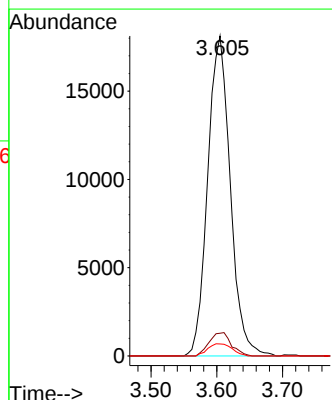
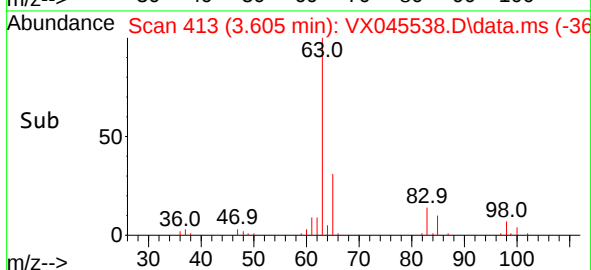
Reviewed By :John Carlone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025

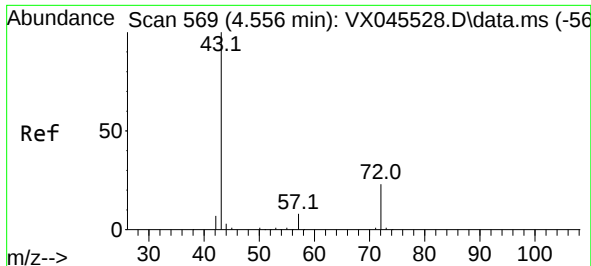


#24
 1,1-Dichloroethane
 Concen: 18.213 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045538.D
 Acq: 02 Apr 2025 11:44



Tgt Ion: 63 Resp: 43351
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 3.8 2.2 6.6





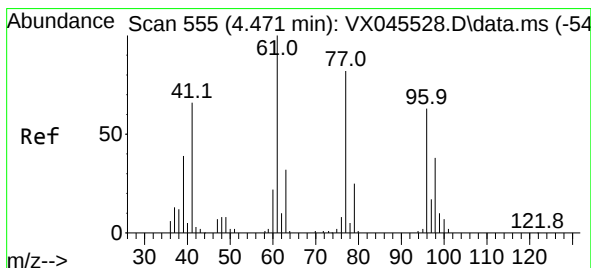
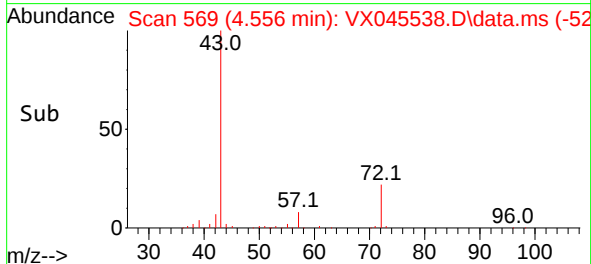
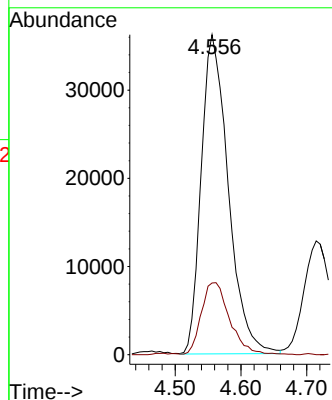
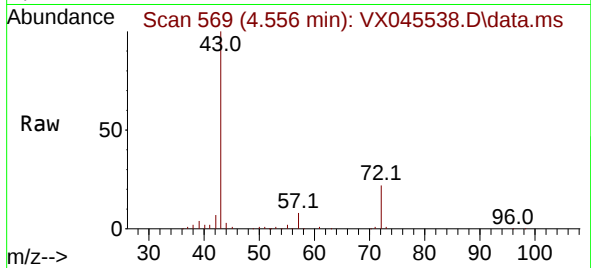
#25
2-Butanone
Concen: 100.458 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tgt Ion: 43 Resp: 103578
Ion Ratio Lower Upper
43 100
72 22.3 18.6 28.0

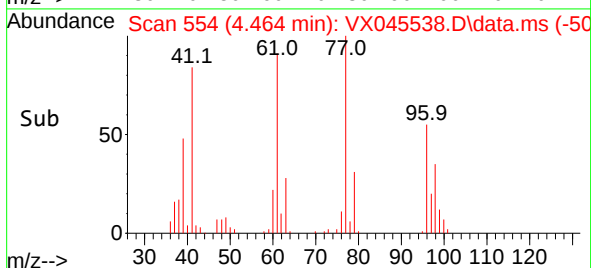
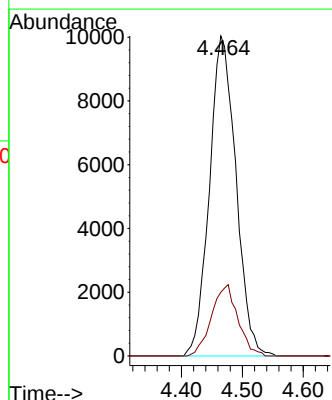
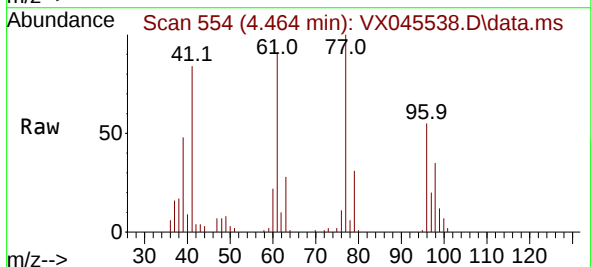
Manual Integrations
APPROVED

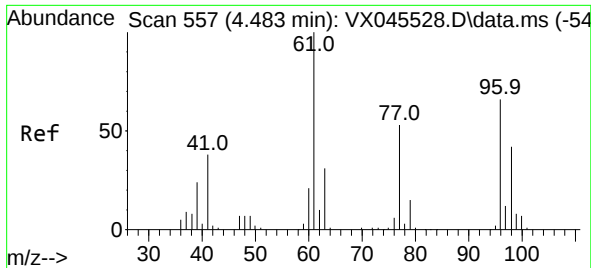
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#26
2,2-Dichloropropane
Concen: 19.735 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

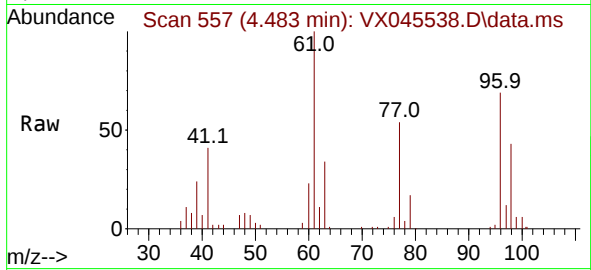
Tgt Ion: 77 Resp: 30350
Ion Ratio Lower Upper
77 100
97 22.1 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.174 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX045538.D
 Acq: 02 Apr 2025 11:44

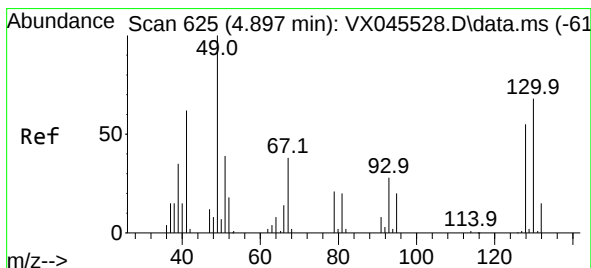
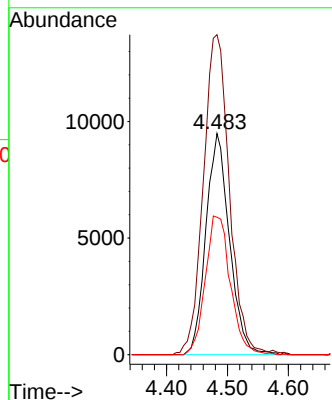
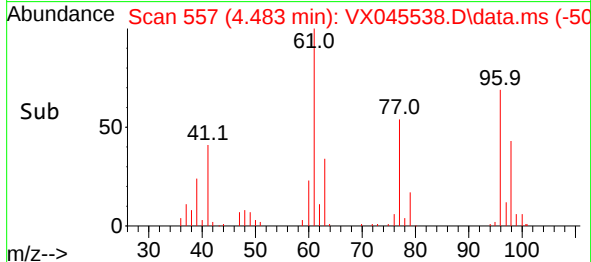
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01



Tgt Ion: 96 Resp: 2547
 Ion Ratio Lower Upper
 96 100
 61 160.5 0.0 313.2
 98 66.6 0.0 126.4

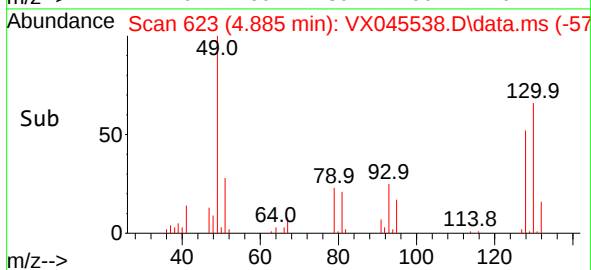
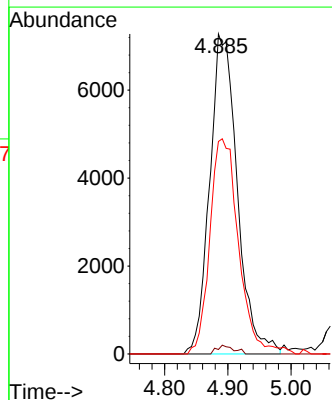
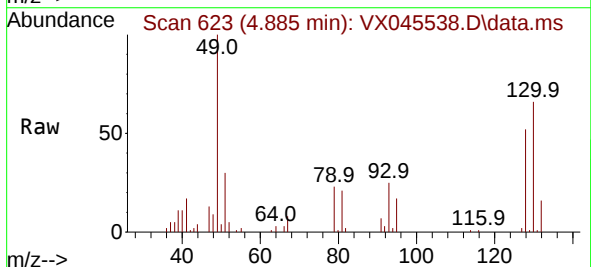
Manual Integrations
 APPROVED

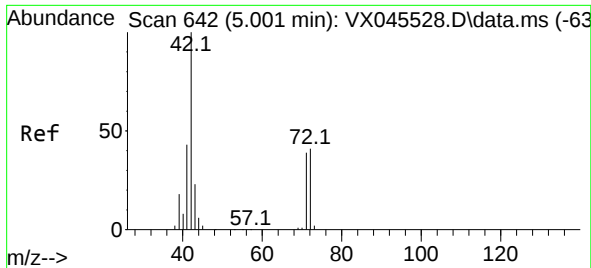
Reviewed By :John Carlone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#28
 Bromochloromethane
 Concen: 19.146 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX045538.D
 Acq: 02 Apr 2025 11:44

Tgt Ion: 49 Resp: 22022
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 70.0 54.6 81.8





#29

Tetrahydrofuran

Concen: 99.352 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tgt Ion: 42 Resp: 66414

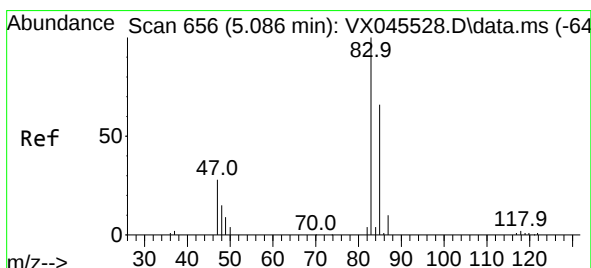
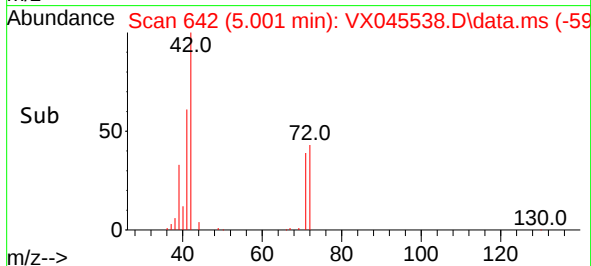
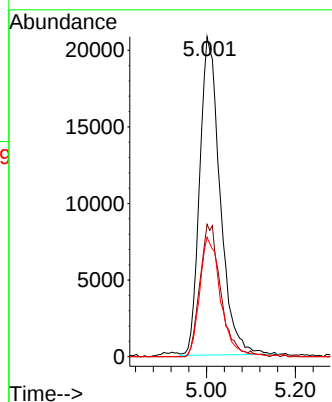
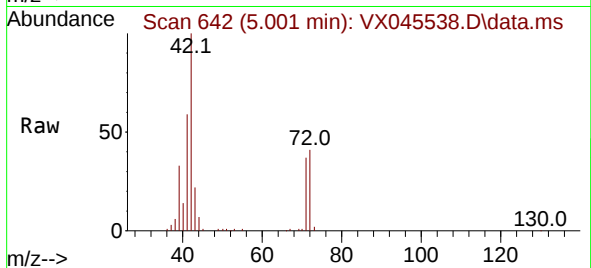
Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.4	50.0
71	38.4	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#30

Chloroform

Concen: 18.888 ug/l

RT: 5.086 min Scan# 656

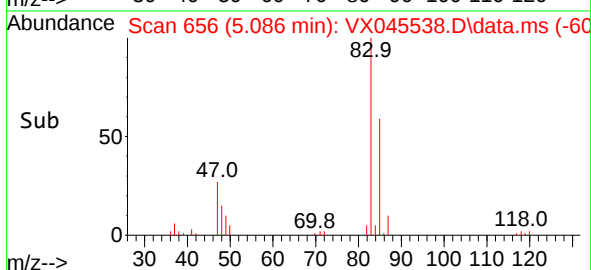
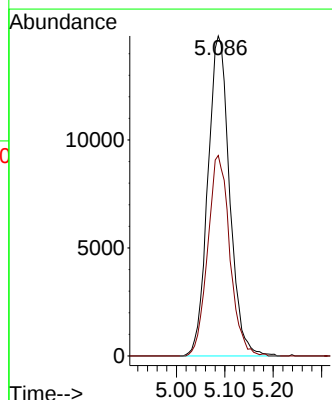
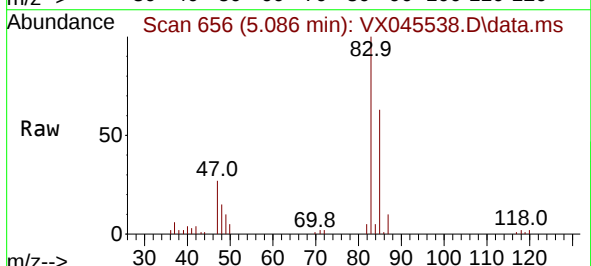
Delta R.T. -0.000 min

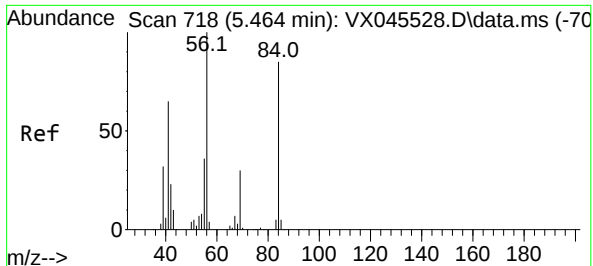
Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

Tgt Ion: 83 Resp: 46260

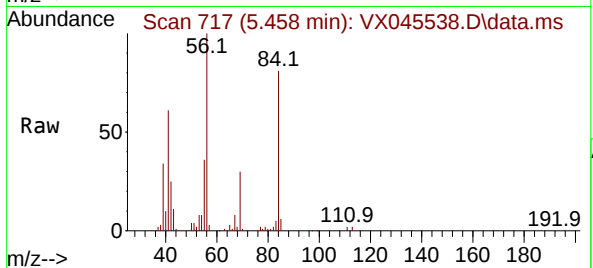
Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.8	79.2





#31
Cyclohexane
Concen: 18.546 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

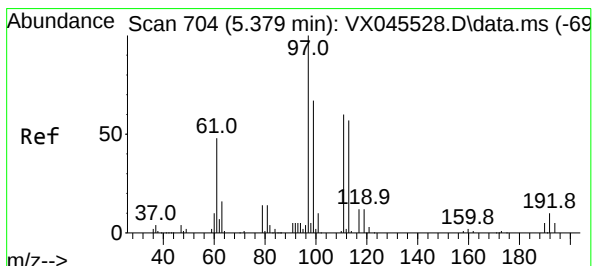
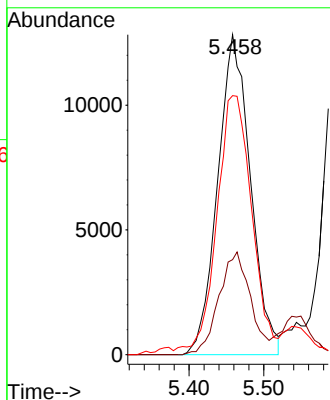
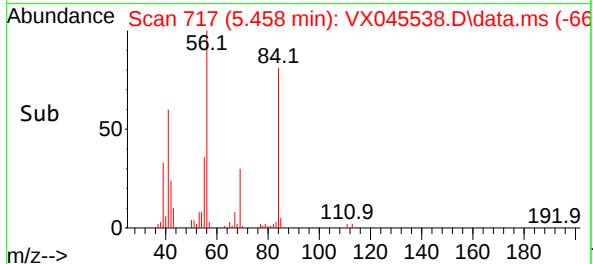
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



Tgt Ion: 56 Resp: 39024
Ion Ratio Lower Upper
56 100
69 29.7 23.6 35.4
84 78.8 67.7 101.5

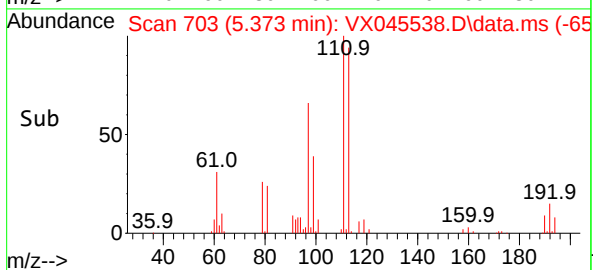
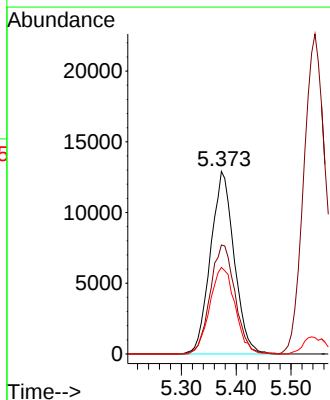
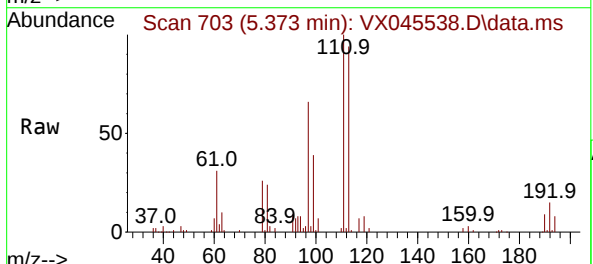
Manual Integrations
APPROVED

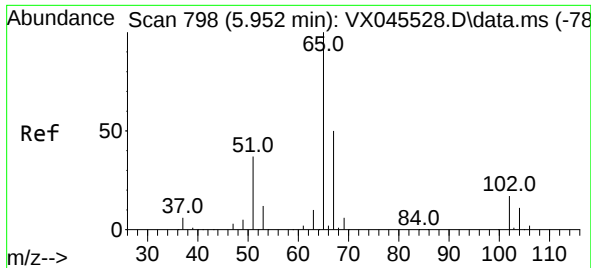
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#32
1,1,1-Trichloroethane
Concen: 18.678 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion: 97 Resp: 38708
Ion Ratio Lower Upper
97 100
99 62.6 51.7 77.5
61 50.8 41.0 61.4





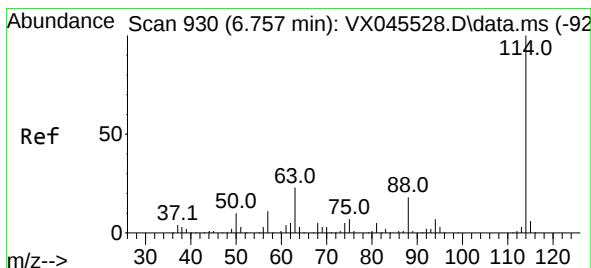
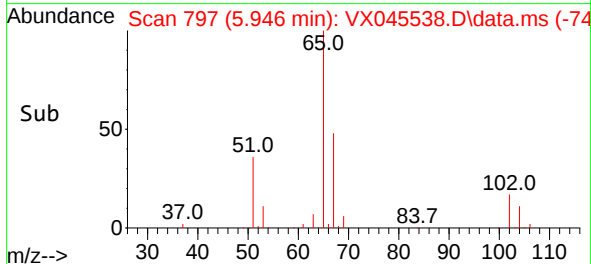
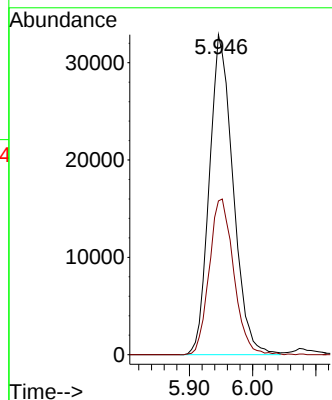
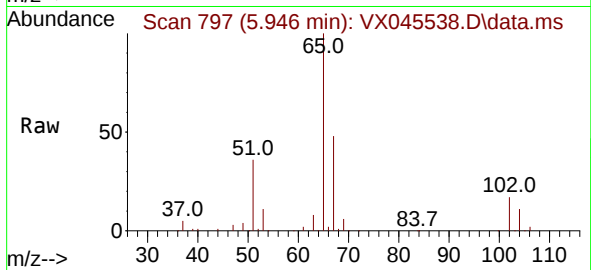
#33
 1,2-Dichloroethane-d4
 Concen: 49.978 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX045538.D
 Acq: 02 Apr 2025 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tgt Ion: 65 Resp: 85730
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.0

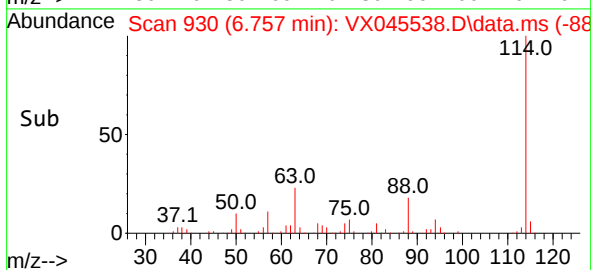
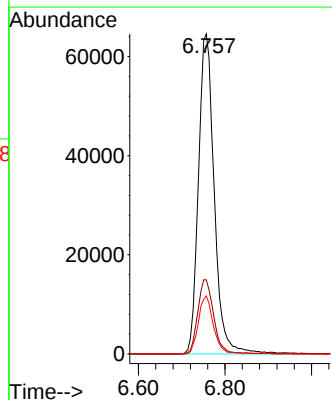
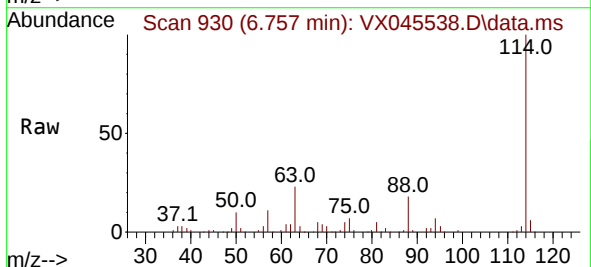
Manual Integrations
 APPROVED

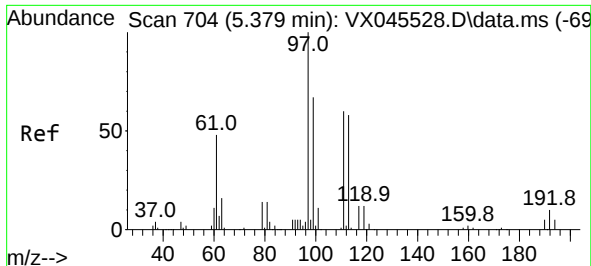
Reviewed By :John Carlone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045538.D
 Acq: 02 Apr 2025 11:44

Tgt Ion:114 Resp: 163478
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.8
 88 18.2 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.876 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045538.D

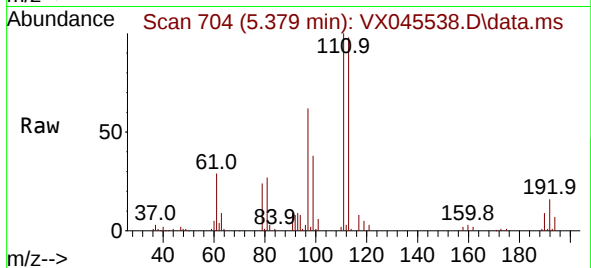
Acq: 02 Apr 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01



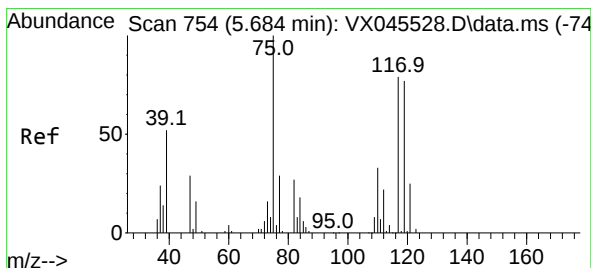
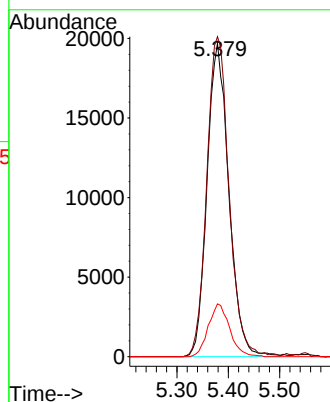
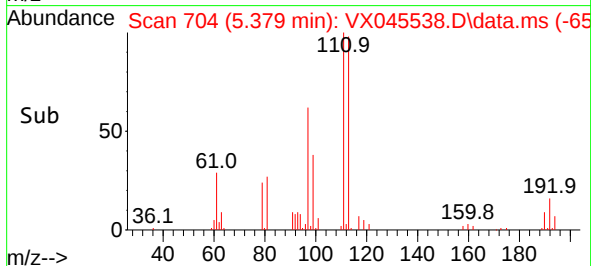
Tgt Ion:	113	Resp:	57850
Ion Ratio	Lower	Upper	
113	100		
111	104.7	81.8	122.6
192	16.6	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#36

1,1-Dichloropropene

Concen: 18.290 ug/l

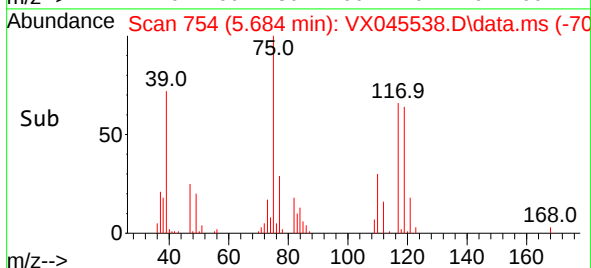
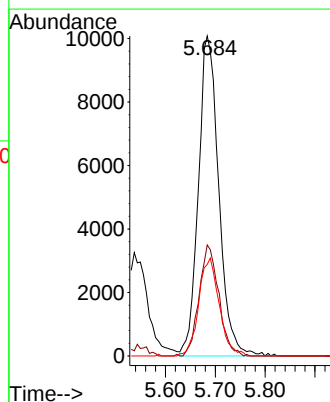
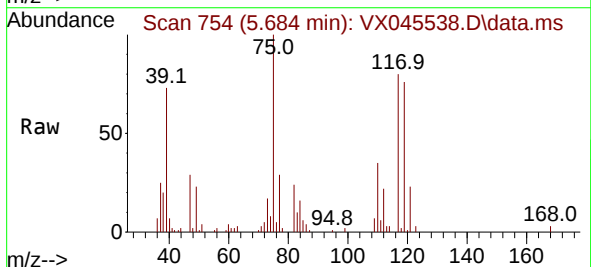
RT: 5.684 min Scan# 754

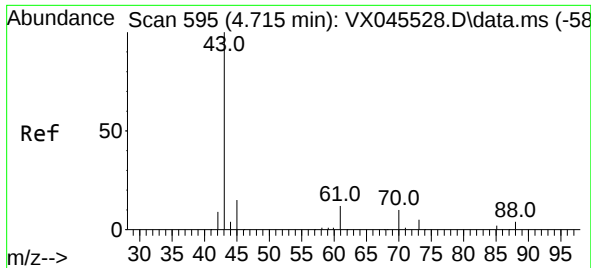
Delta R.T. -0.000 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

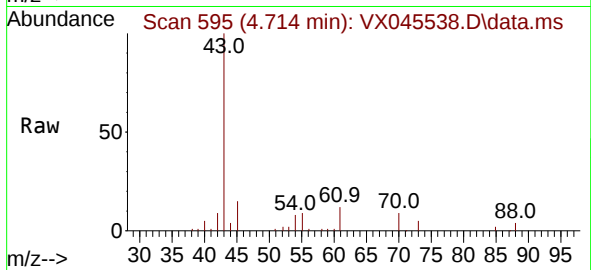
Tgt Ion:	75	Resp:	28644
Ion Ratio	Lower	Upper	
75	100		
110	33.5	16.9	50.6
77	30.7	25.0	37.4





#37
Ethyl Acetate
Concen: 18.958 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

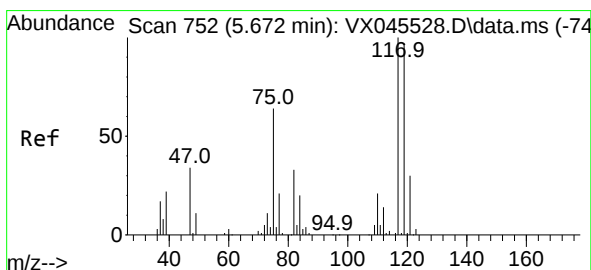
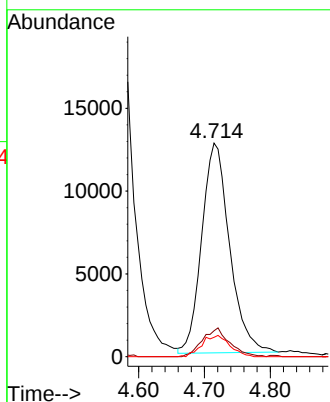
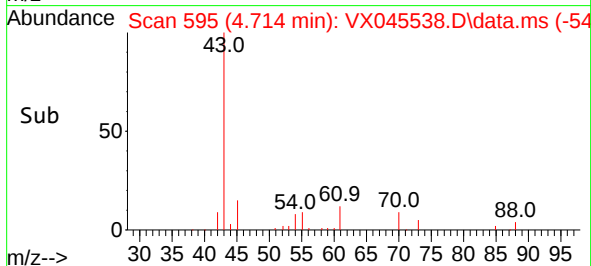
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



Tgt Ion: 43 Resp: 37414
Ion Ratio Lower Upper
43 100
61 13.3 9.9 14.9
70 10.1 7.5 11.3

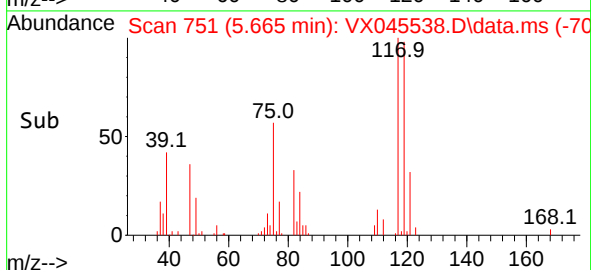
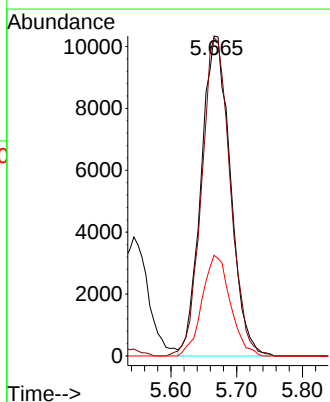
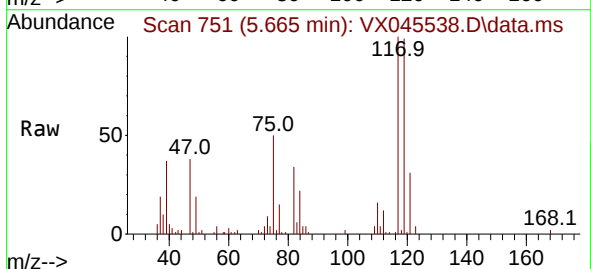
Manual Integrations
APPROVED

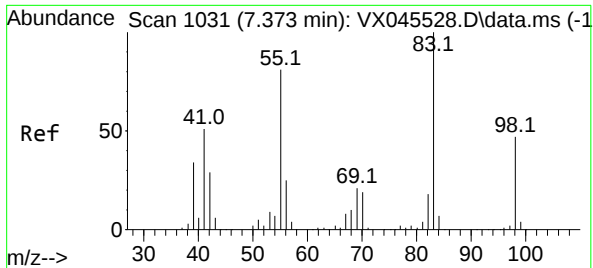
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#38
Carbon Tetrachloride
Concen: 18.871 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion:117 Resp: 31939
Ion Ratio Lower Upper
117 100
119 99.4 76.9 115.3
121 31.4 24.2 36.2





#39
Methylcyclohexane
Concen: 19.942 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

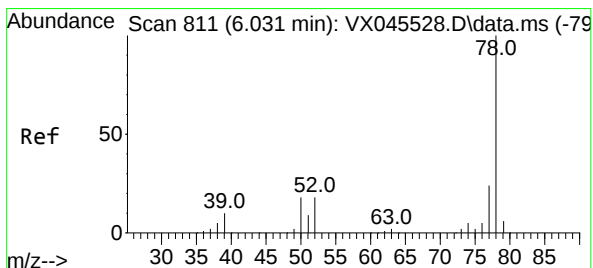
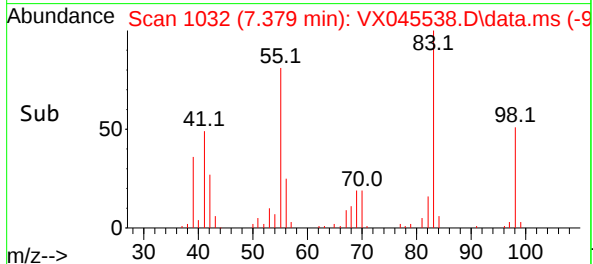
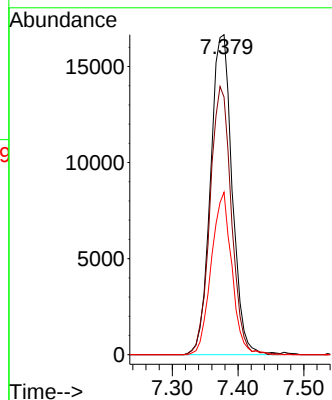
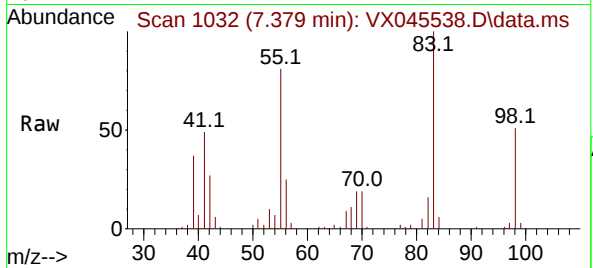
Tgt Ion: 83 Resp: 3828
Ion Ratio Lower Upper
83 100
55 80.5 64.9 97.3
98 50.8 37.4 56.0

Manual Integrations

APPROVED

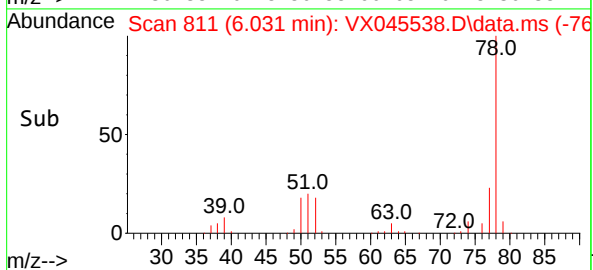
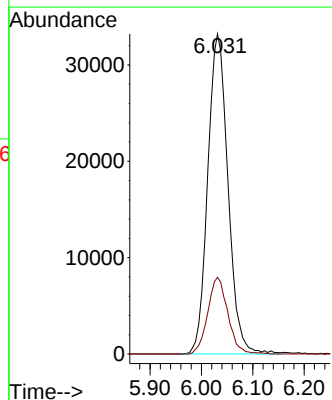
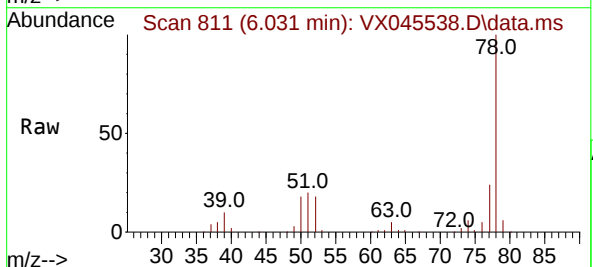
Reviewed By :John Carlone 04/03/2025

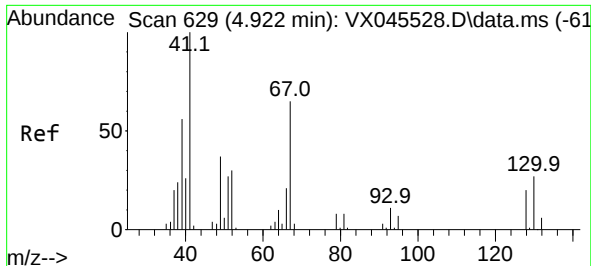
Supervised By :Mahesh Dadoda 04/03/2025



#40
Benzene
Concen: 18.986 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

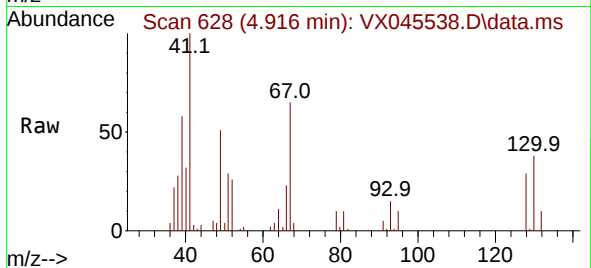
Tgt Ion: 78 Resp: 90807
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 20.311 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

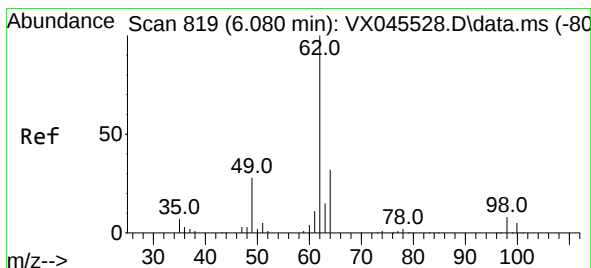
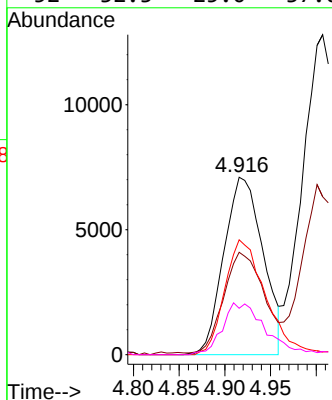
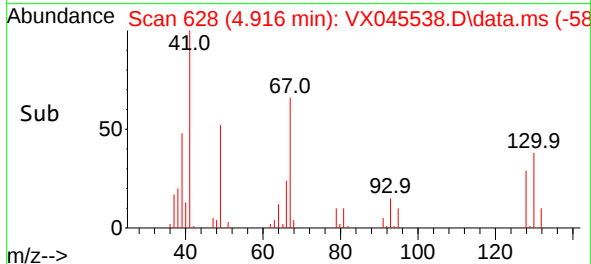
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



Tgt Ion: 41 Resp: 21150
Ion Ratio Lower Upper
41 100
39 57.7 47.0 70.6
67 68.2 53.2 79.8
52 32.3 25.0 37.6

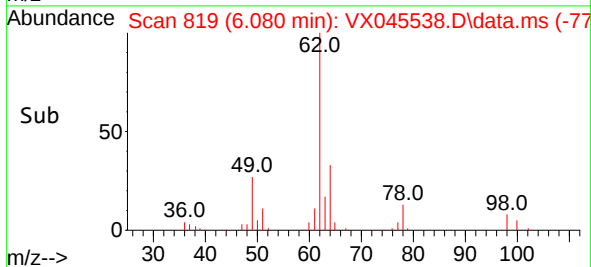
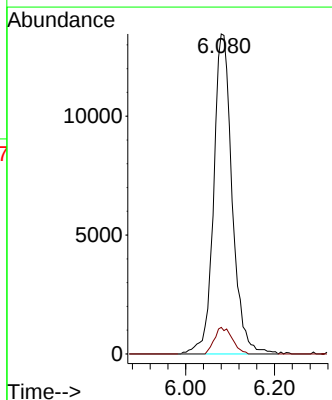
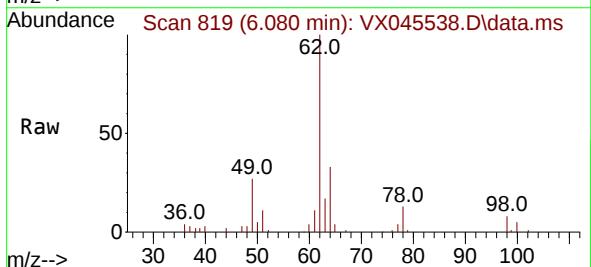
Manual Integrations
APPROVED

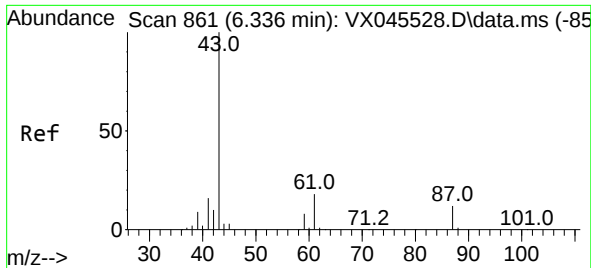
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#42
1,2-Dichloroethane
Concen: 19.663 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

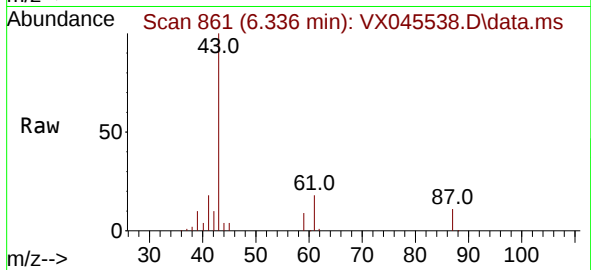
Tgt Ion: 62 Resp: 38844
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.2





#43
Isopropyl Acetate
Concen: 19.999 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

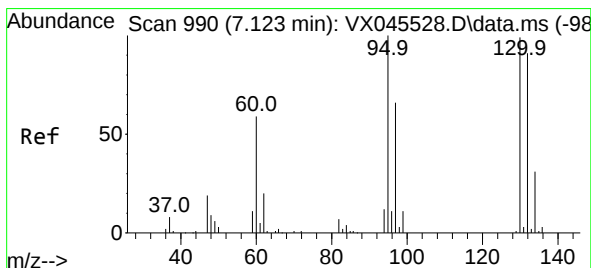
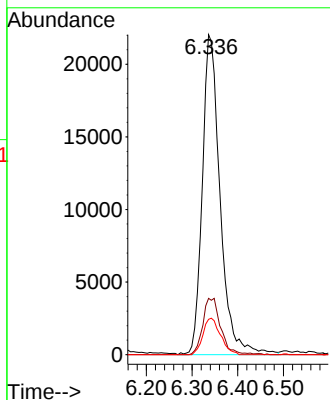
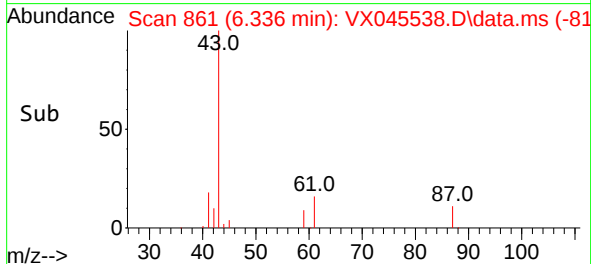
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



Tgt Ion: 43 Resp: 5982
Ion Ratio Lower Upper
43 100
61 17.8 14.1 21.1
87 11.2 9.2 13.8

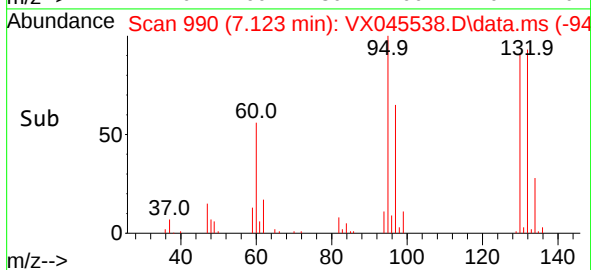
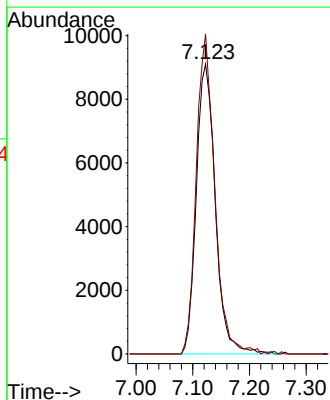
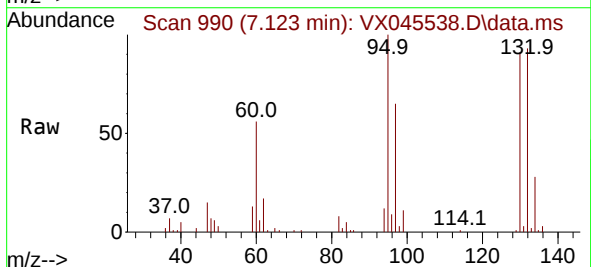
Manual Integrations
APPROVED

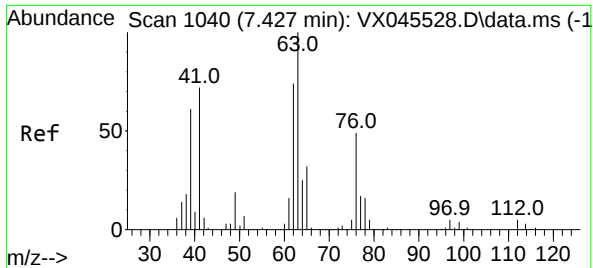
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#44
Trichloroethene
Concen: 18.679 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion:130 Resp: 21235
Ion Ratio Lower Upper
130 100
95 110.4 0.0 202.0





#45

1,2-Dichloropropane

Concen: 19.189 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tgt Ion: 63 Resp: 22900

Ion Ratio Lower Upper

63 100

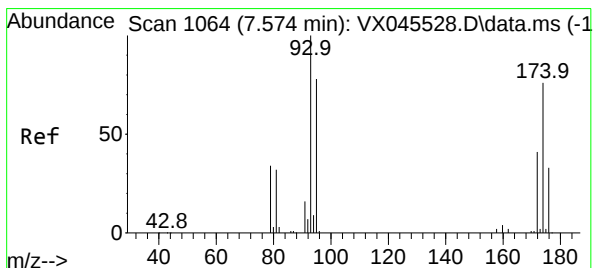
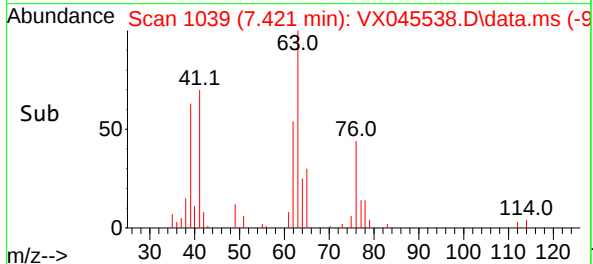
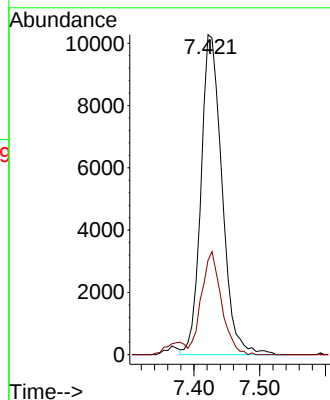
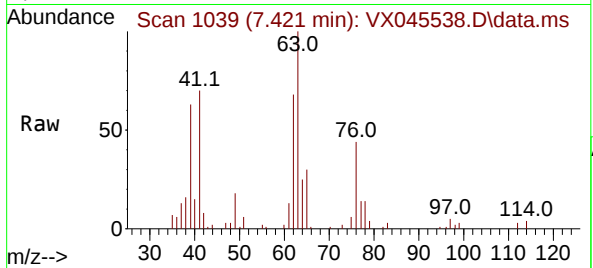
65 29.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#46

Dibromomethane

Concen: 19.367 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

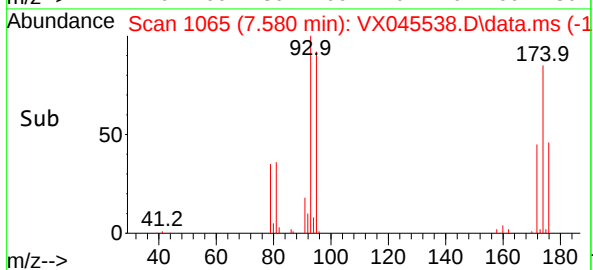
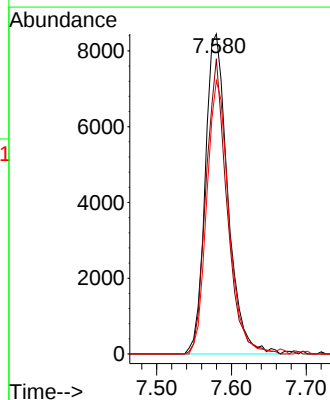
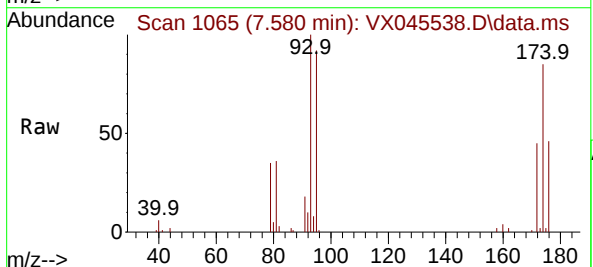
Tgt Ion: 93 Resp: 17742

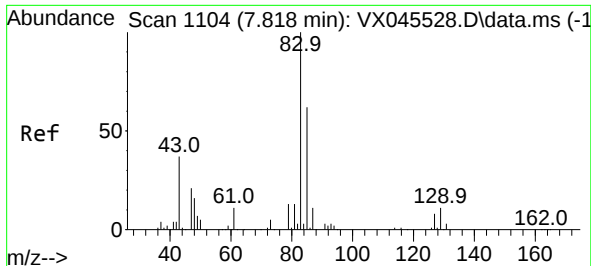
Ion Ratio Lower Upper

93 100

95 85.6 64.8 97.2

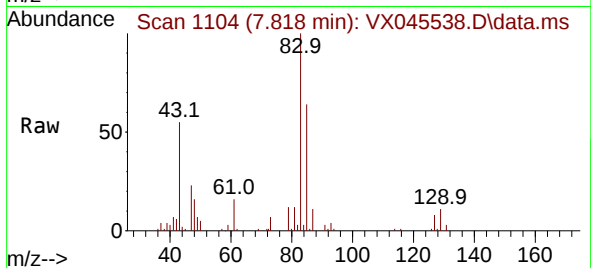
174 83.6 65.4 98.0





#47
Bromodichloromethane
Concen: 19.141 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

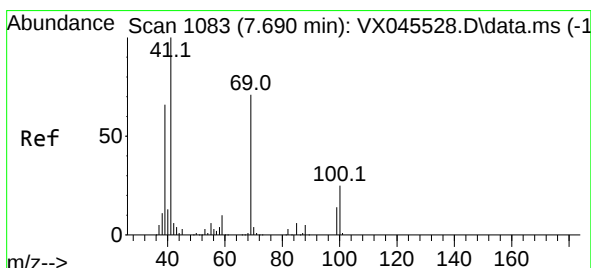
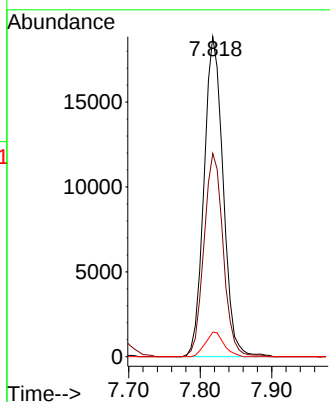
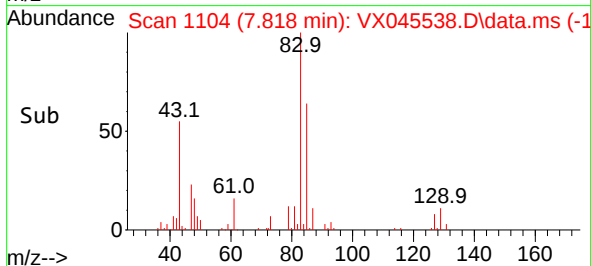
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



Tgt Ion: 83 Resp: 35019
Ion Ratio Lower Upper
83 100
85 63.5 49.7 74.5
127 7.6 6.1 9.1

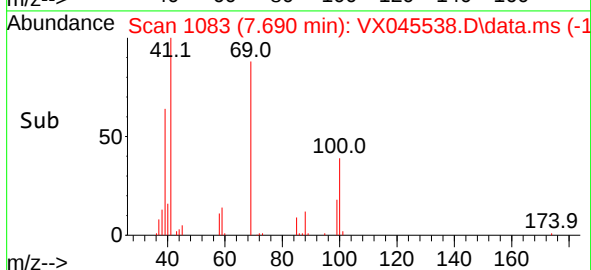
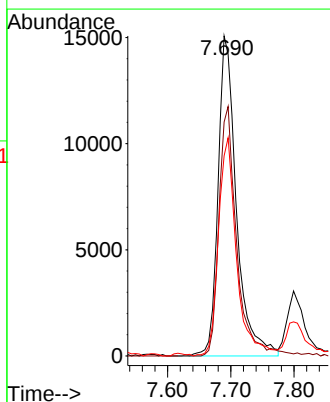
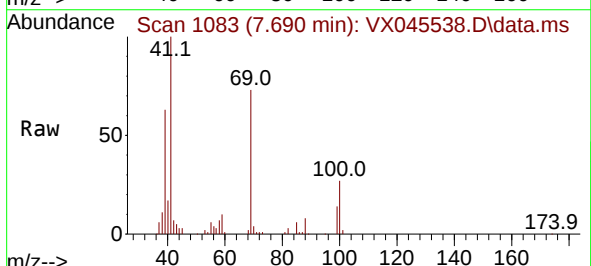
Manual Integrations
APPROVED

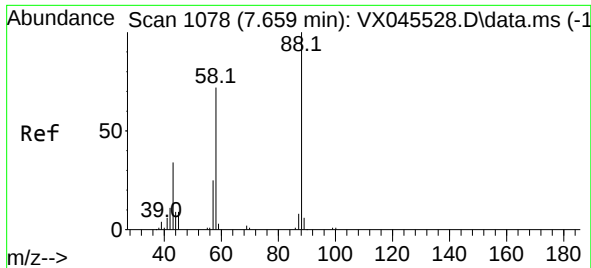
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#48
Methyl methacrylate
Concen: 19.637 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

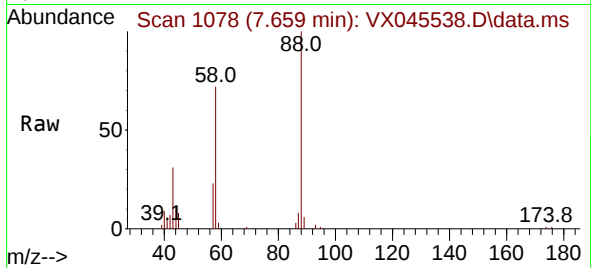
Tgt Ion: 41 Resp: 30328
Ion Ratio Lower Upper
41 100
69 75.4 58.2 87.2
39 67.2 53.6 80.4





#49
1,4-Dioxane
Concen: 444.734 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

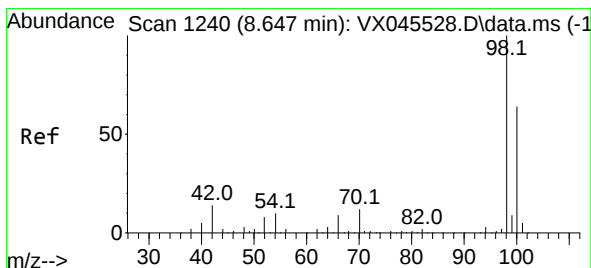
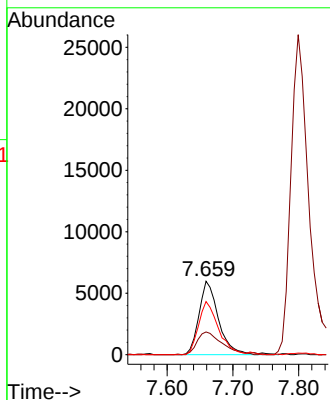
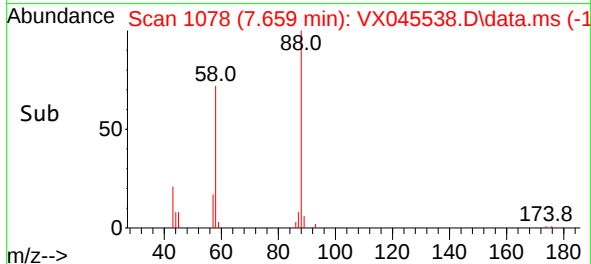
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



Tgt Ion: 88 Resp: 1242
Ion Ratio Lower Upper
88 100
43 39.0 32.2 48.4
58 72.8 58.6 88.0

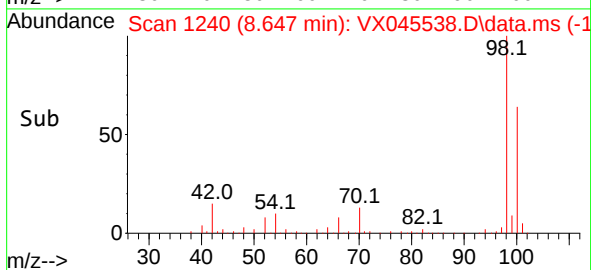
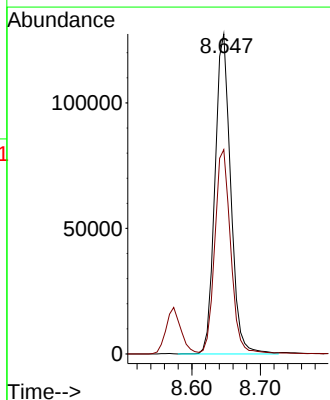
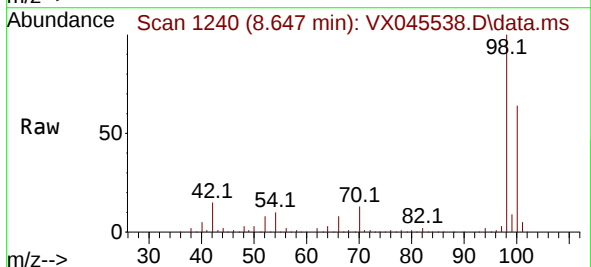
Manual Integrations
APPROVED

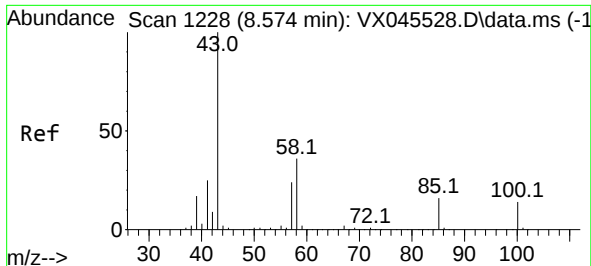
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#50
Toluene-d8
Concen: 50.114 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion: 98 Resp: 202885
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4





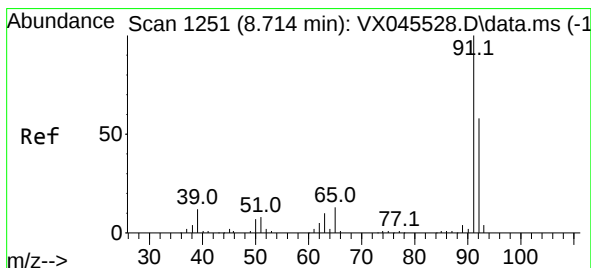
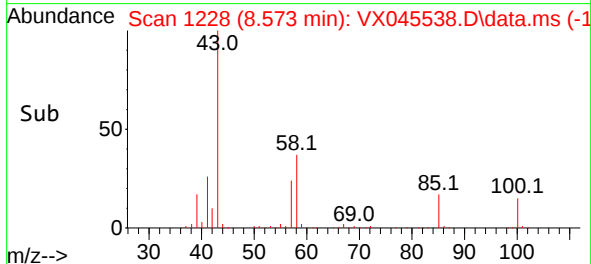
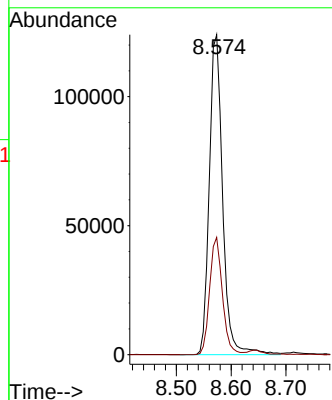
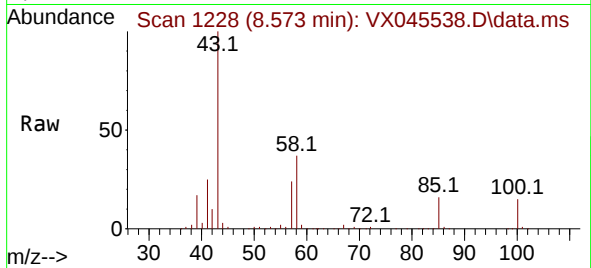
#51
4-Methyl-2-Pentanone
Concen: 105.361 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tgt Ion: 43 Resp: 20892
Ion Ratio Lower Upper
43 100
58 35.2 28.5 42.7

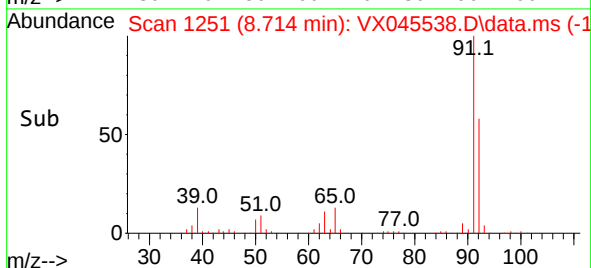
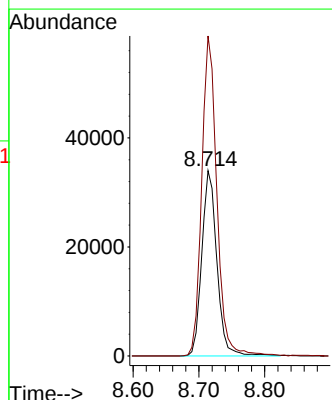
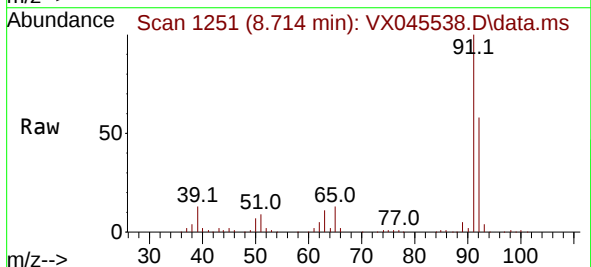
Manual Integrations
APPROVED

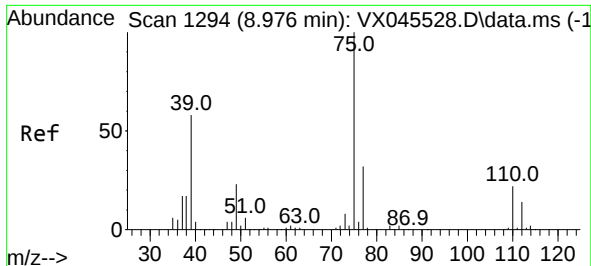
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#52
Toluene
Concen: 18.763 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion: 92 Resp: 54303
Ion Ratio Lower Upper
92 100
91 173.2 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 18.242 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tgt Ion: 75 Resp: 2941

Ion Ratio Lower Upper

75 100

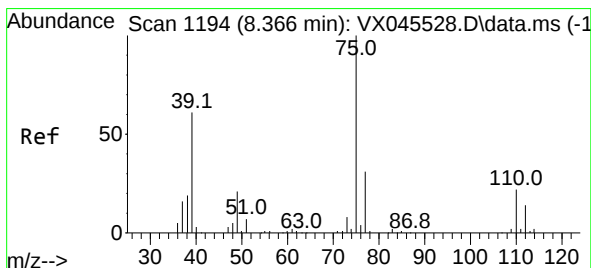
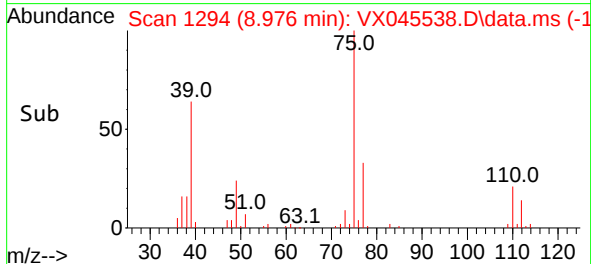
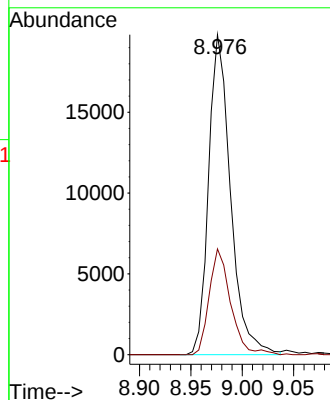
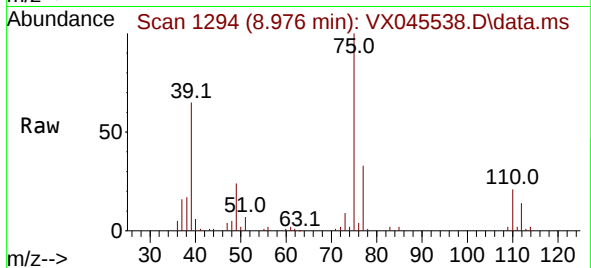
77 33.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#54

cis-1,3-Dichloropropene

Concen: 19.867 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

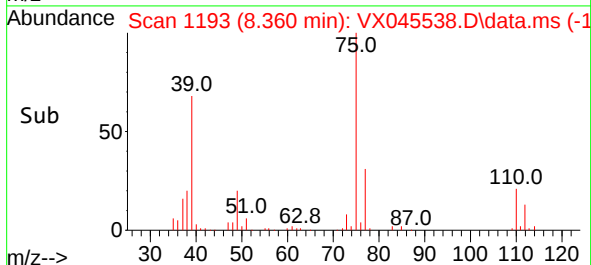
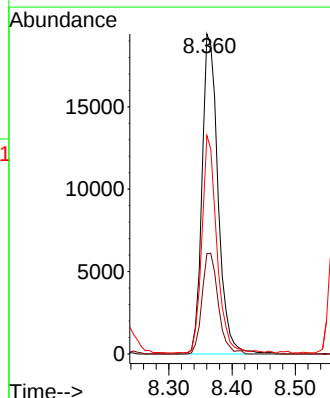
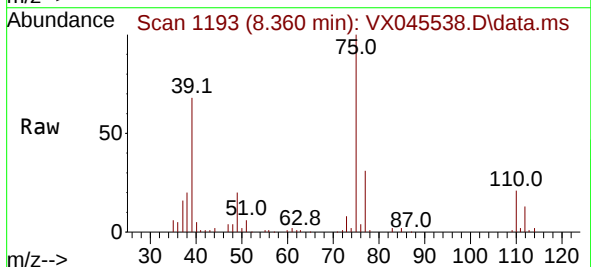
Tgt Ion: 75 Resp: 34155

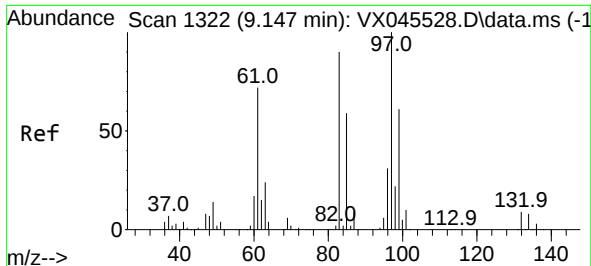
Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

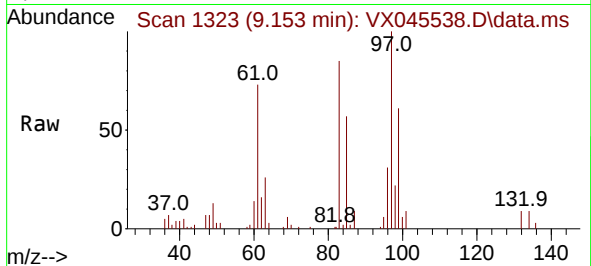
39 67.8 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 19.656 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

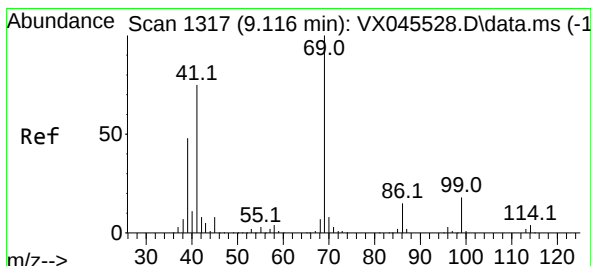
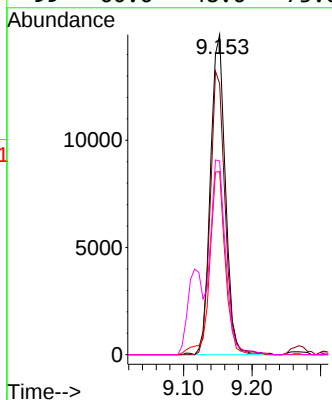
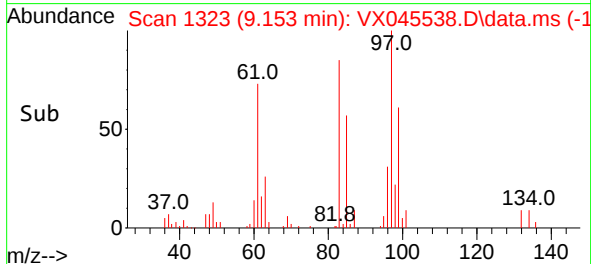
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



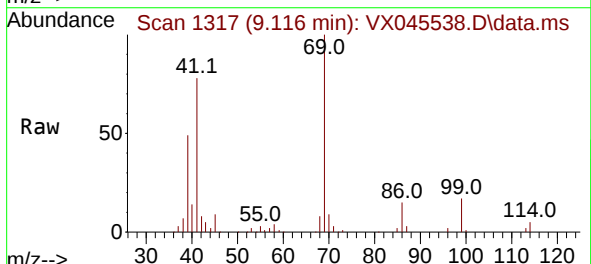
Tgt Ion: 97 Resp: 22669
Ion Ratio Lower Upper
97 100
83 84.7 71.8 107.8
85 57.2 47.0 70.6
99 60.6 48.6 73.0

Manual Integrations
APPROVED

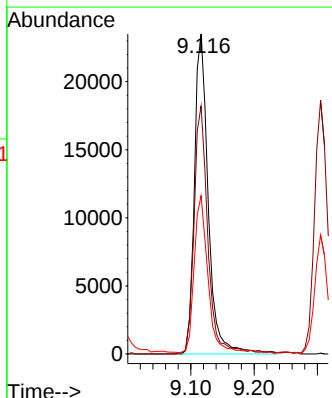
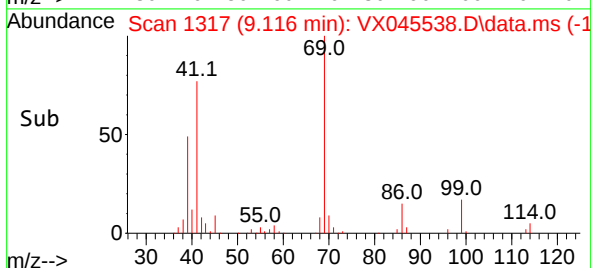
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

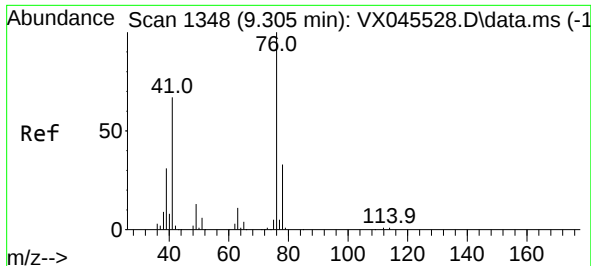


#56
Ethyl methacrylate
Concen: 20.098 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44



Tgt Ion: 69 Resp: 35872
Ion Ratio Lower Upper
69 100
41 77.1 61.3 91.9
39 49.5 40.2 60.2





#57

1,3-Dichloropropane

Concen: 19.775 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tgt Ion: 76 Resp: 3971

Ion Ratio Lower Upper

76 100

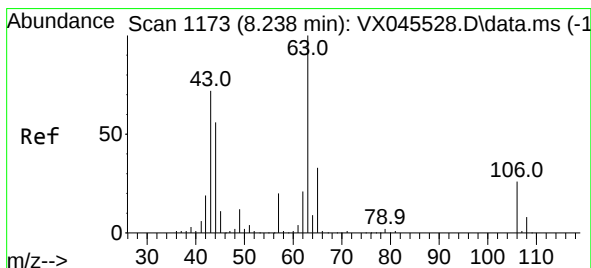
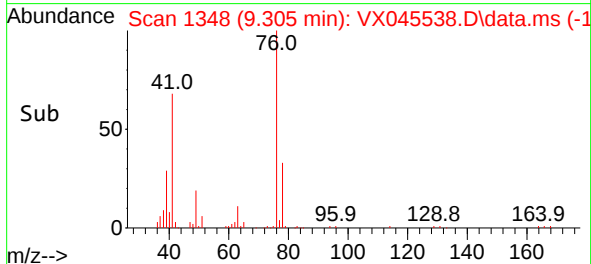
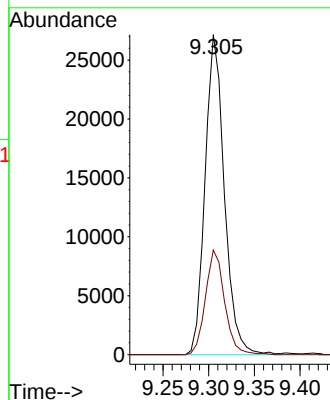
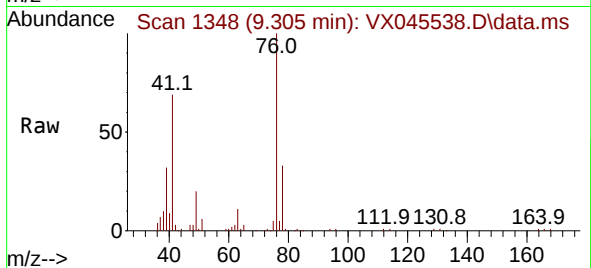
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 105.724 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045538.D

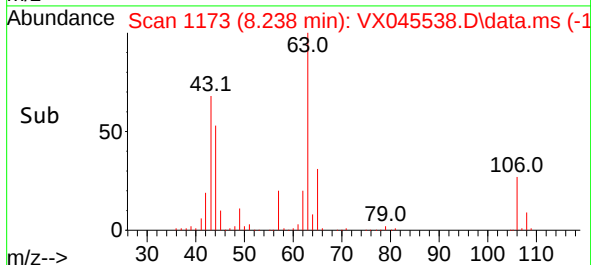
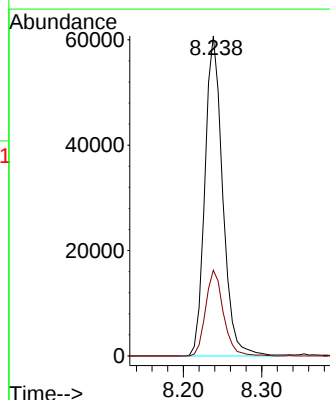
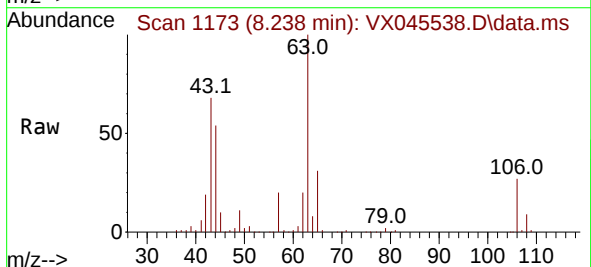
Acq: 02 Apr 2025 11:44

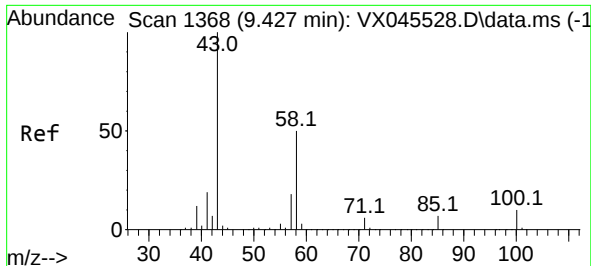
Tgt Ion: 63 Resp: 95458

Ion Ratio Lower Upper

63 100

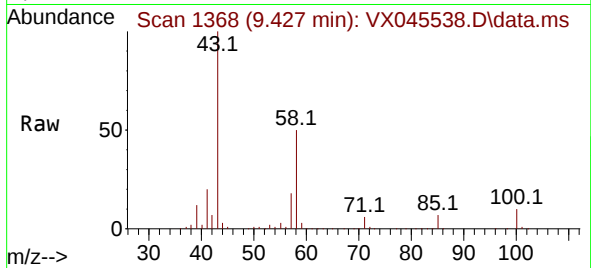
106 26.8 21.0 31.6





#59
2-Hexanone
Concen: 105.333 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

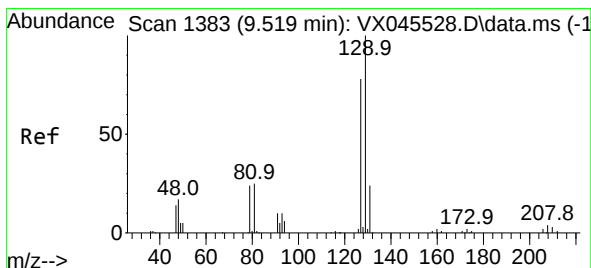
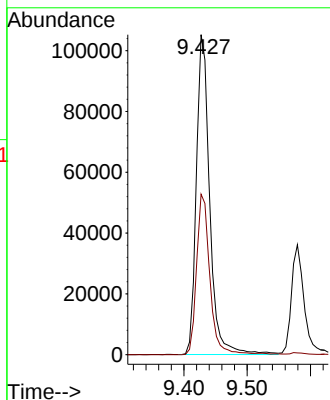
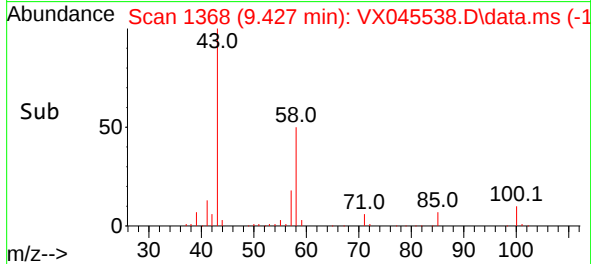
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



Tgt Ion: 43 Resp: 154672
Ion Ratio Lower Upper
43 100
58 49.8 24.9 74.6

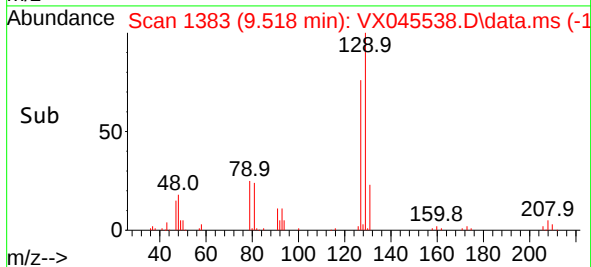
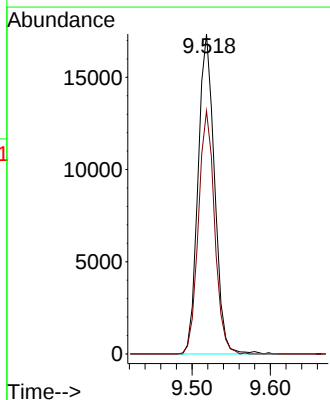
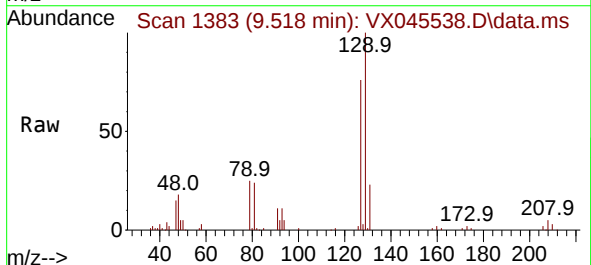
Manual Integrations
APPROVED

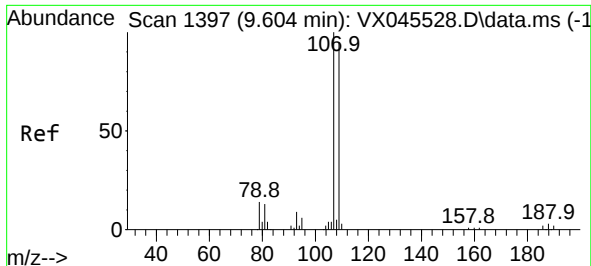
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#60
Dibromochloromethane
Concen: 20.142 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion:129 Resp: 25325
Ion Ratio Lower Upper
129 100
127 74.7 39.4 118.2





#61

1,2-Dibromoethane

Concen: 19.636 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tgt Ion:107 Resp: 22924

Ion Ratio Lower Upper

107 100

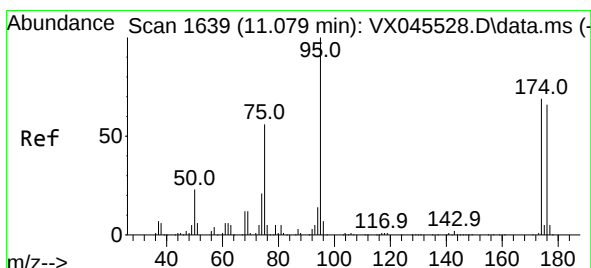
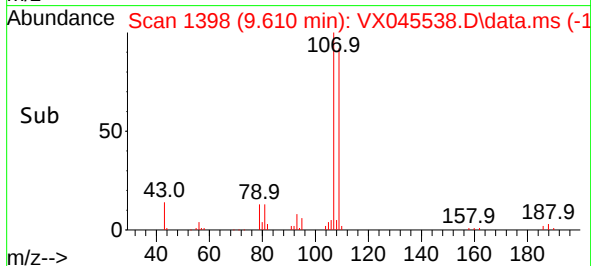
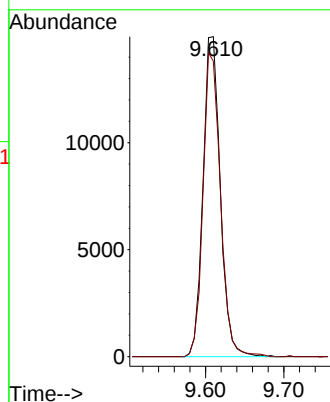
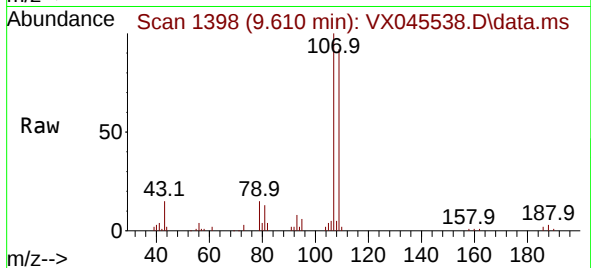
109 95.8 75.7 113.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#62

4-Bromofluorobenzene

Concen: 50.831 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

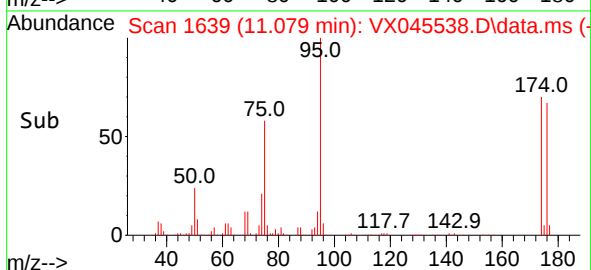
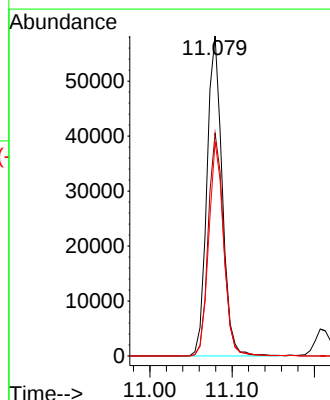
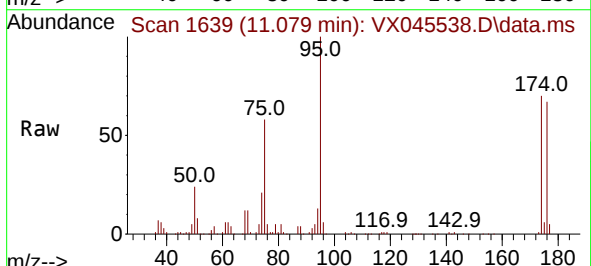
Tgt Ion: 95 Resp: 74958

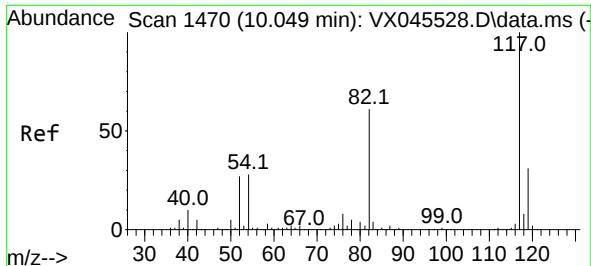
Ion Ratio Lower Upper

95 100

174 69.6 0.0 135.8

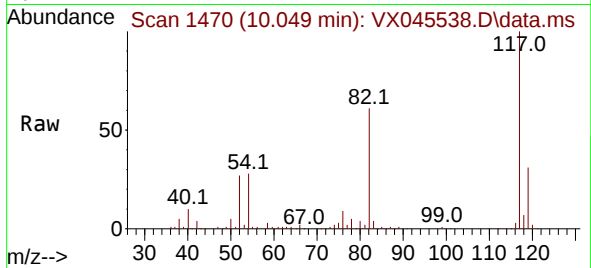
176 65.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

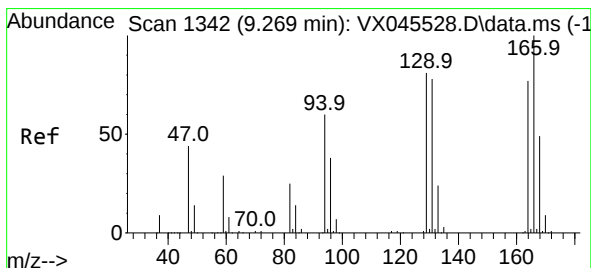
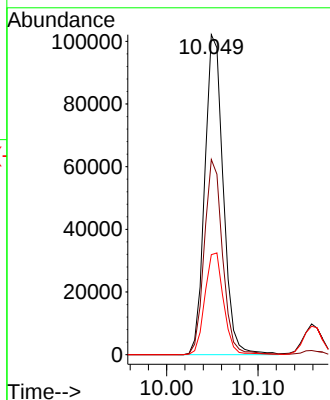
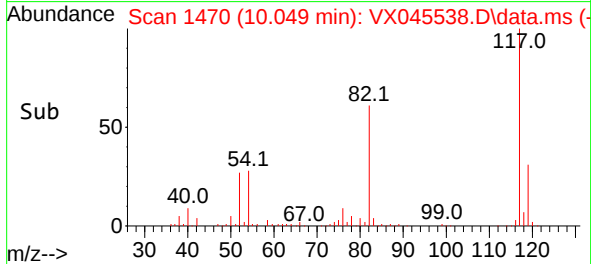
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



Tgt Ion:117 Resp: 14276
Ion Ratio Lower Upper
117 100
82 61.0 49.2 73.8
119 31.2 25.1 37.7

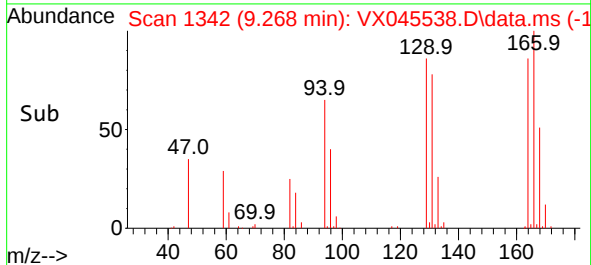
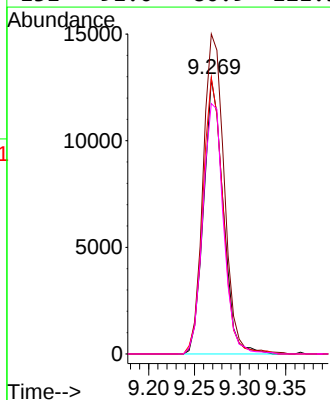
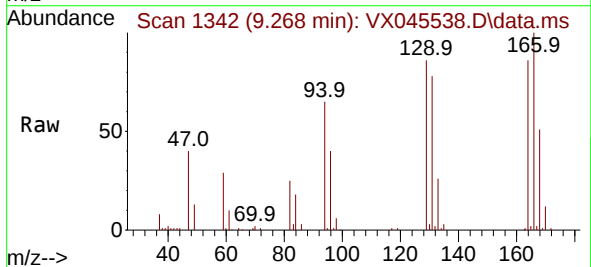
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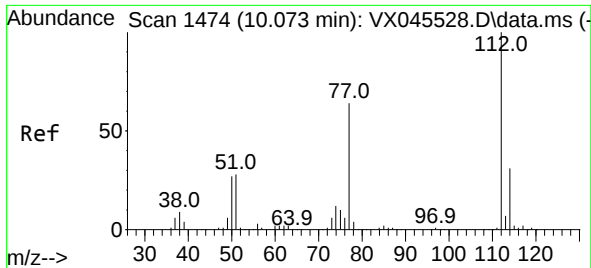
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#64
Tetrachloroethene
Concen: 19.015 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.001 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion:164 Resp: 19167
Ion Ratio Lower Upper
164 100
166 116.3 103.8 155.8
129 100.5 84.3 126.5
131 91.0 80.9 121.3





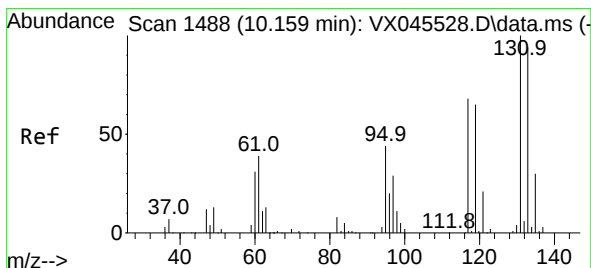
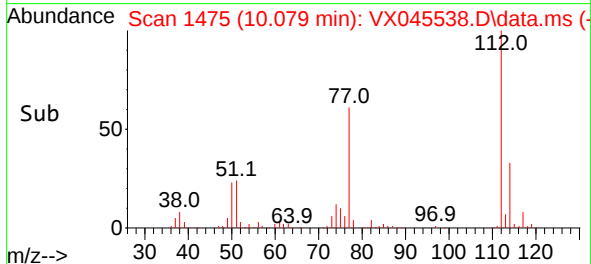
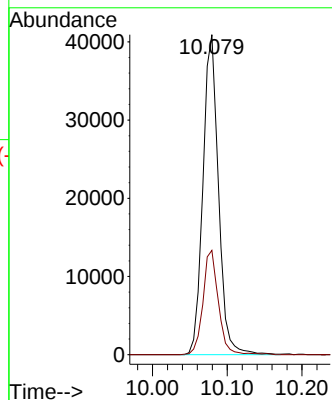
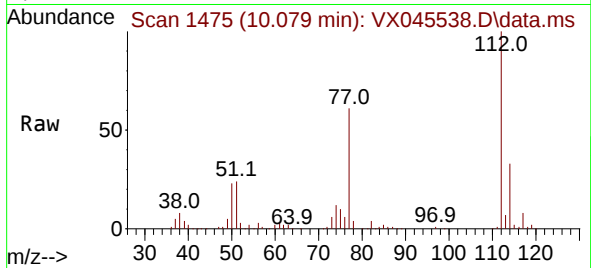
#65
Chlorobenzene
Concen: 19.369 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tgt Ion:112 Resp: 59090
Ion Ratio Lower Upper
112 100
114 32.6 24.7 37.1

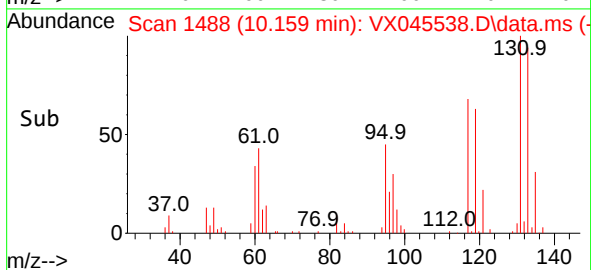
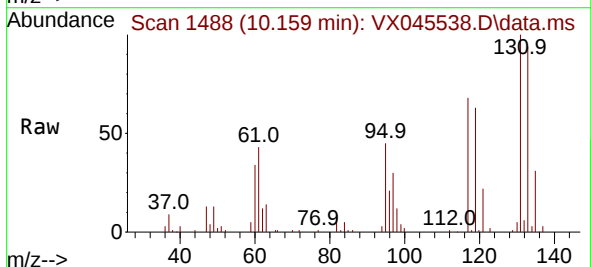
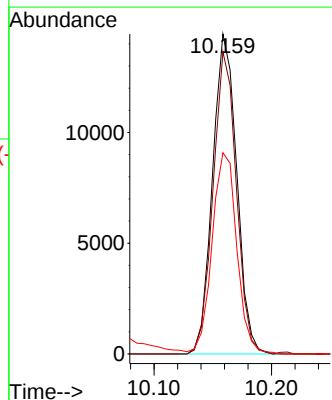
Manual Integrations
APPROVED

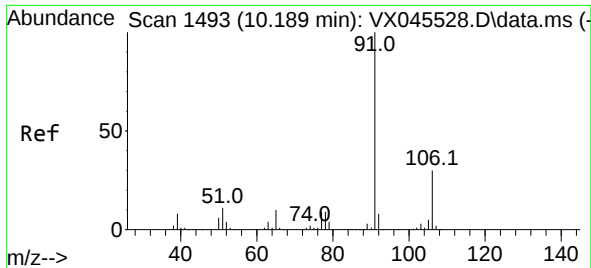
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.438 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion:131 Resp: 20588
Ion Ratio Lower Upper
131 100
133 91.3 47.5 142.5
119 64.4 32.9 98.6





#67

Ethyl Benzene

Concen: 19.586 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tgt Ion: 91 Resp: 10701

Ion Ratio Lower Upper

91 100

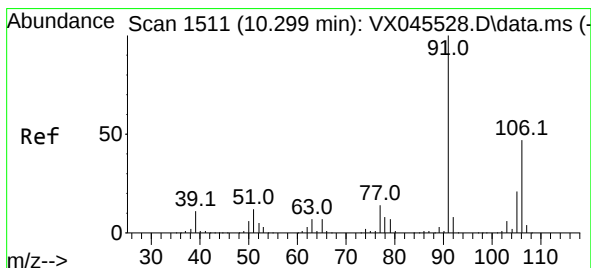
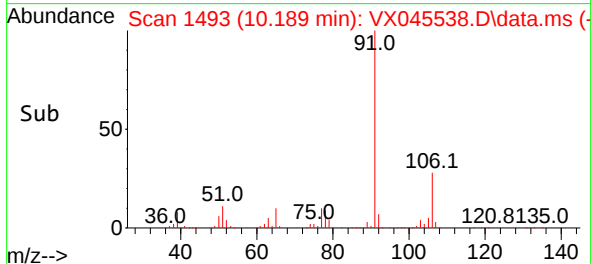
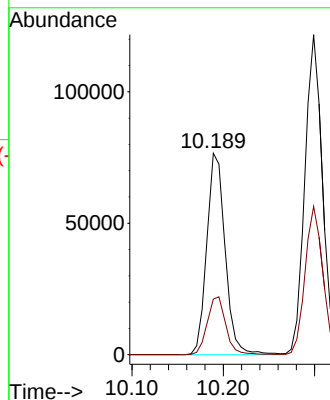
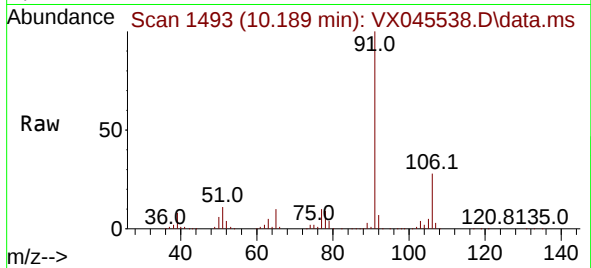
106 27.5 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#68

m/p-Xylenes

Concen: 39.423 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045538.D

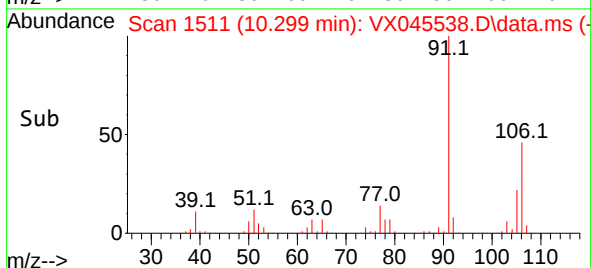
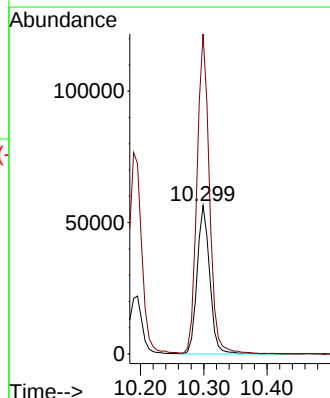
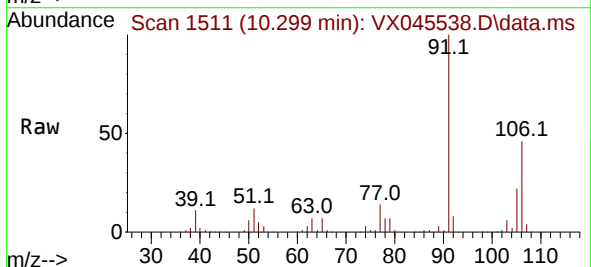
Acq: 02 Apr 2025 11:44

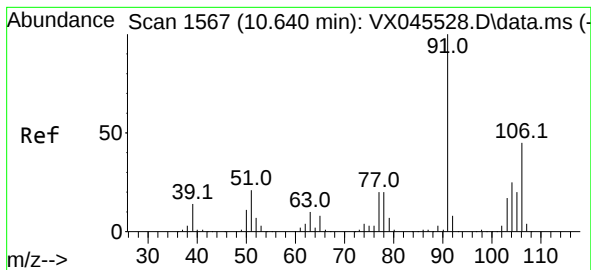
Tgt Ion:106 Resp: 78342

Ion Ratio Lower Upper

106 100

91 213.4 172.6 258.8





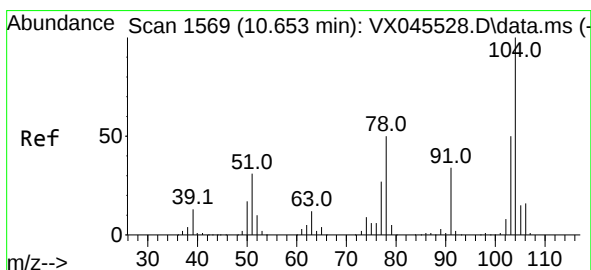
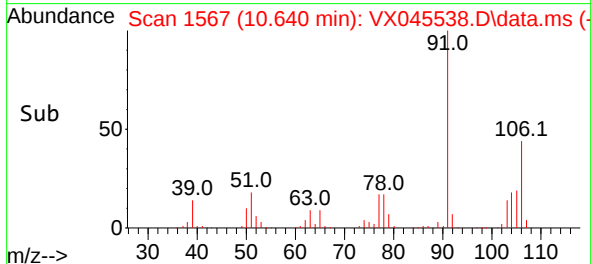
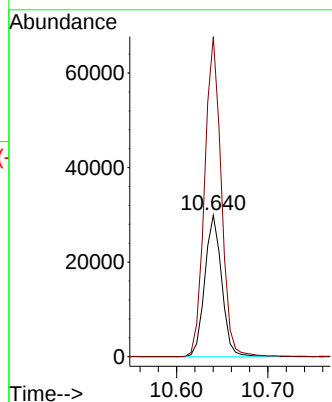
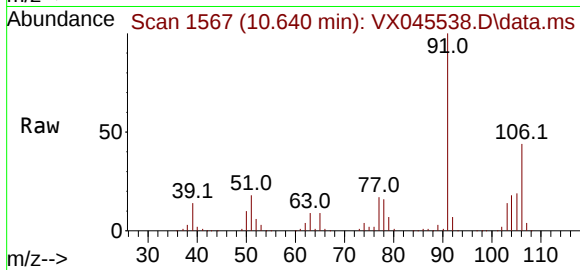
#69
o-Xylene
Concen: 19.631 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tgt Ion:106 Resp: 38430
Ion Ratio Lower Upper
106 100
91 223.0 113.6 340.6

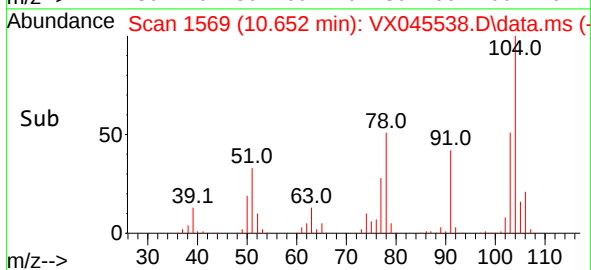
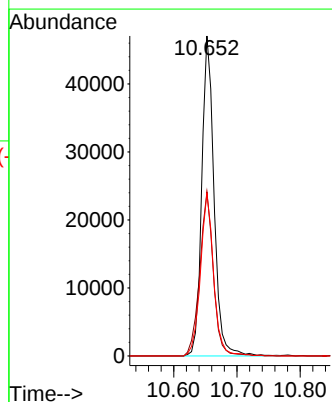
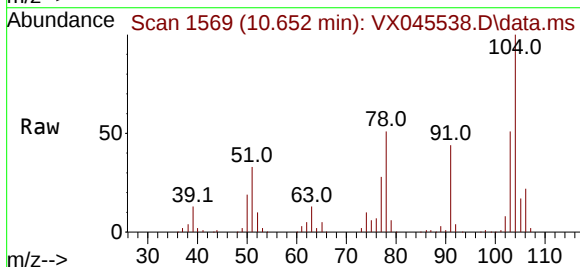
Manual Integrations
APPROVED

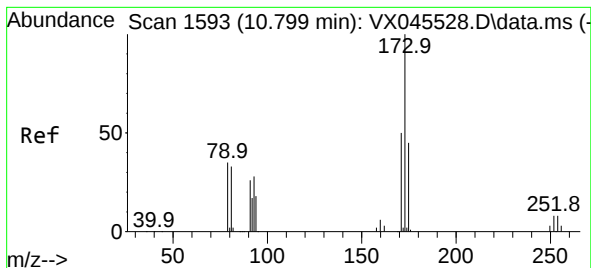
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#70
Styrene
Concen: 19.748 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion:104 Resp: 63808
Ion Ratio Lower Upper
104 100
78 56.7 45.4 68.2
103 54.7 43.8 65.8





#71

Bromoform

Concen: 19.836 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

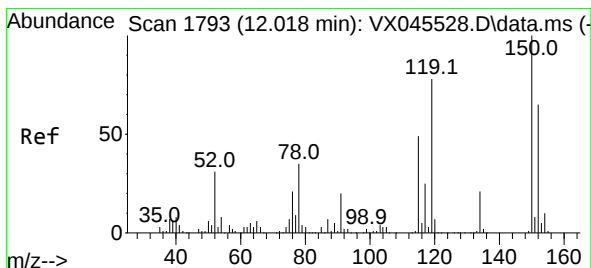
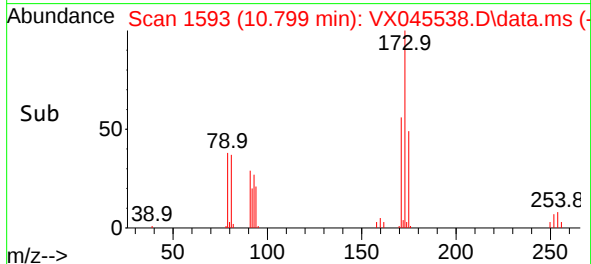
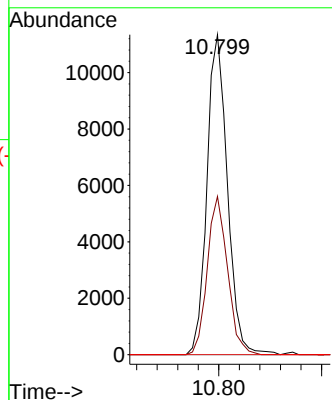
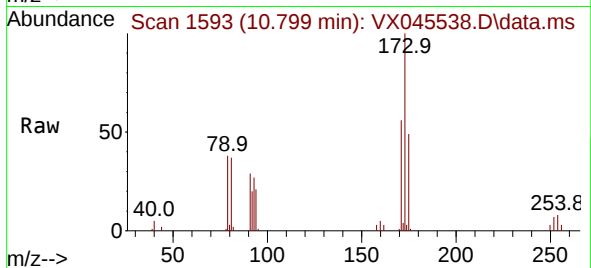
Tgt Ion:173	Resp:	1568
Ion Ratio	Lower	Upper
173	100	
175	49.0	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

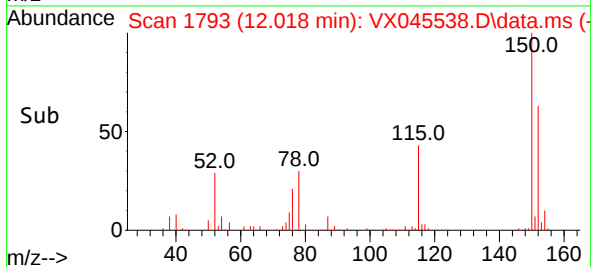
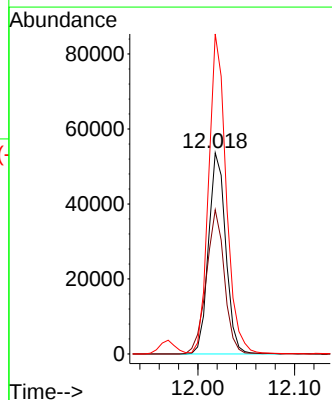
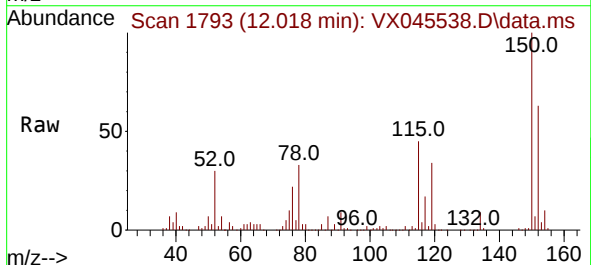
RT: 12.018 min Scan# 1793

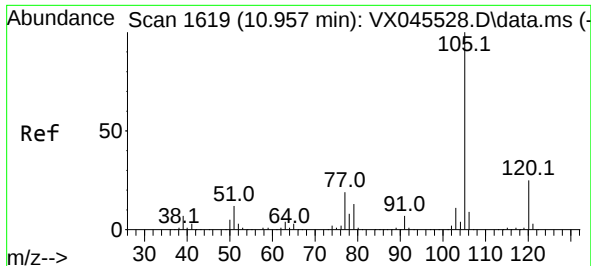
Delta R.T. -0.000 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

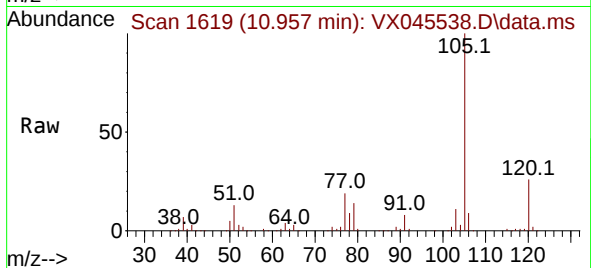
Tgt Ion:152	Resp:	66275
Ion Ratio	Lower	Upper
152	100	
115	75.7	46.9 140.7
150	163.4	0.0 349.4





#73
Isopropylbenzene
Concen: 19.166 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

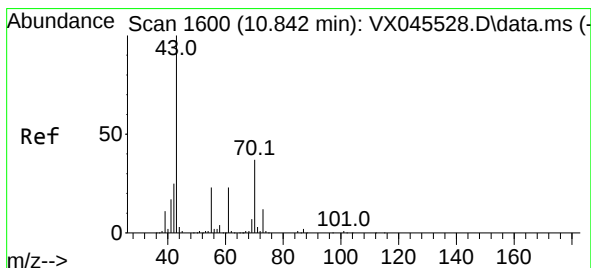
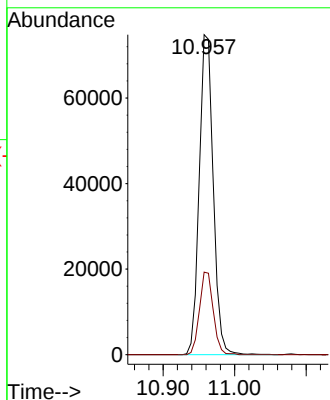
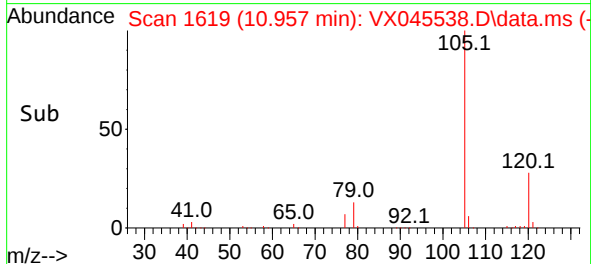
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



Tgt Ion:105 Resp: 101744
Ion Ratio Lower Upper
105 100
120 25.3 12.7 38.0

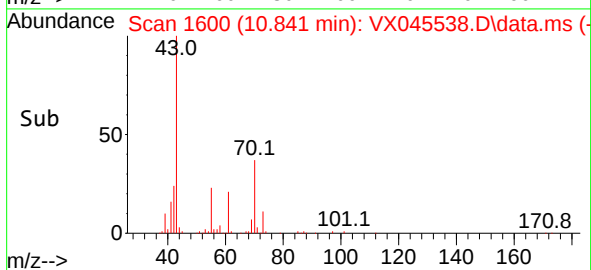
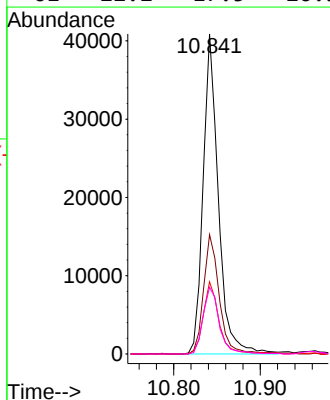
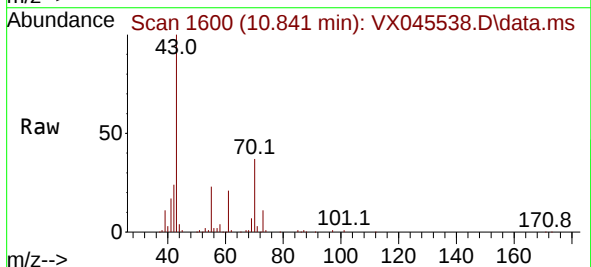
Manual Integrations
APPROVED

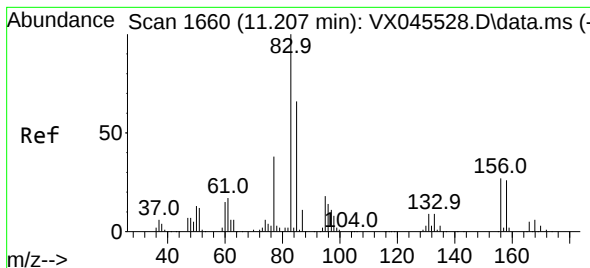
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#74
N-ethyl acetate
Concen: 19.657 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

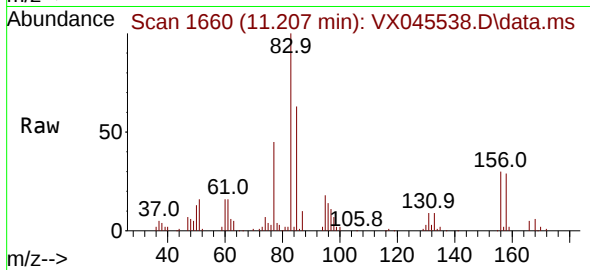
Tgt Ion: 43 Resp: 49916
Ion Ratio Lower Upper
43 100
70 38.7 30.1 45.1
55 23.3 18.3 27.5
61 22.2 17.5 26.3





#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.615 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX045538.D
 Acq: 02 Apr 2025 11:44

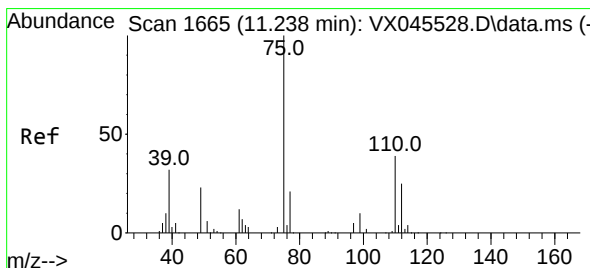
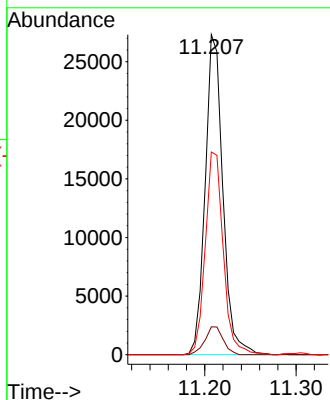
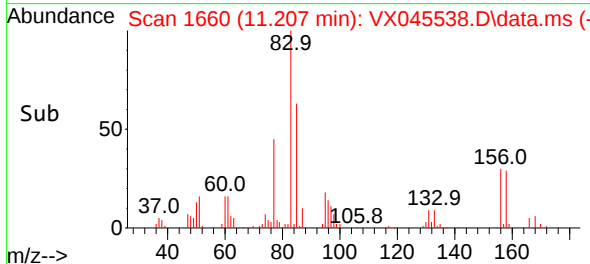
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01



Tgt Ion: 83 Resp: 36579
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.7 14.1
 85 64.4 32.4 97.2

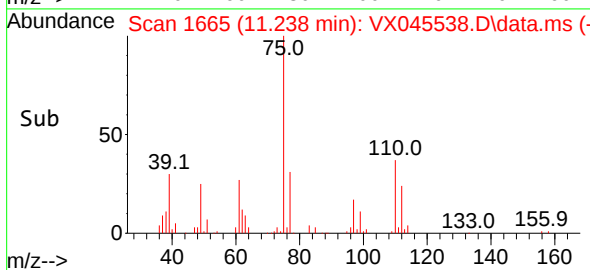
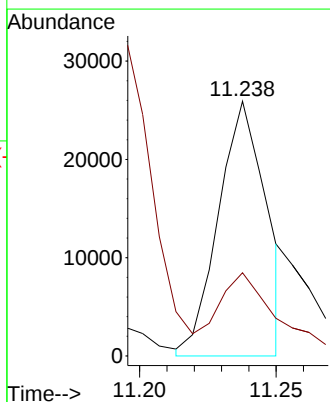
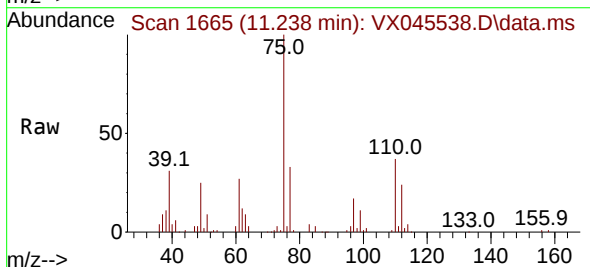
Manual Integrations
 APPROVED

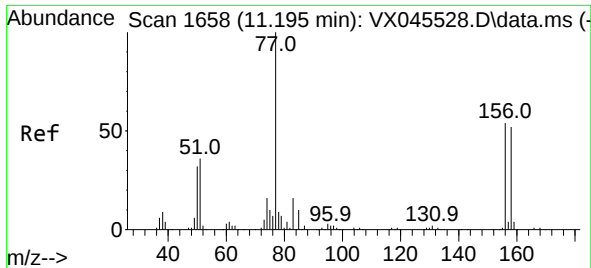
Reviewed By :John Carlone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#76
 1,2,3-Trichloropropane
 Concen: 19.540 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045538.D
 Acq: 02 Apr 2025 11:44

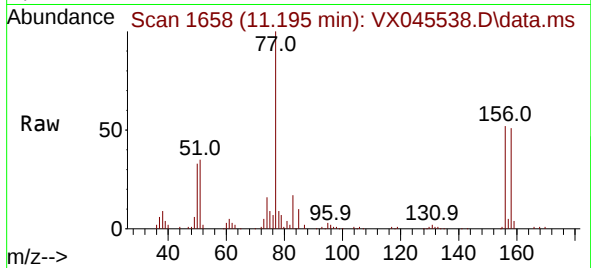
Tgt Ion: 75 Resp: 31588
 Ion Ratio Lower Upper
 75 100
 77 41.3 20.0 59.9





#77
Bromobenzene
Concen: 18.848 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

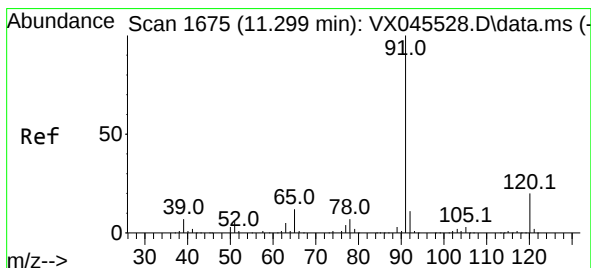
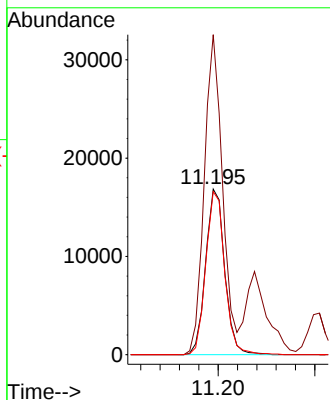
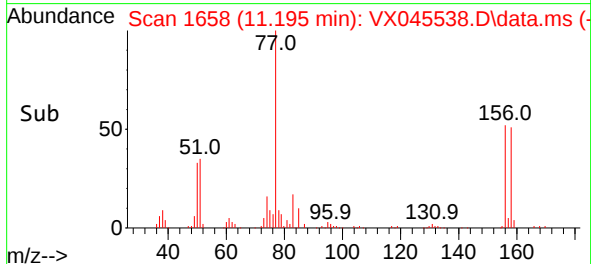
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



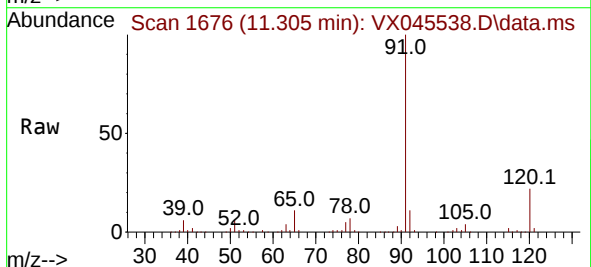
Tgt Ion:156 Resp: 23119
Ion Ratio Lower Upper
156 100
77 184.3 92.6 277.8
158 97.8 48.1 144.4

Manual Integrations
APPROVED

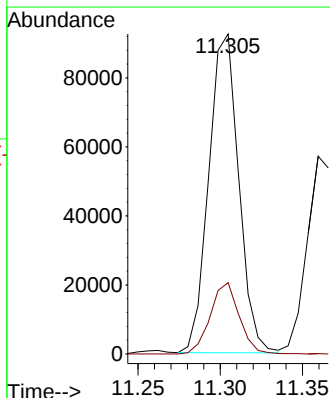
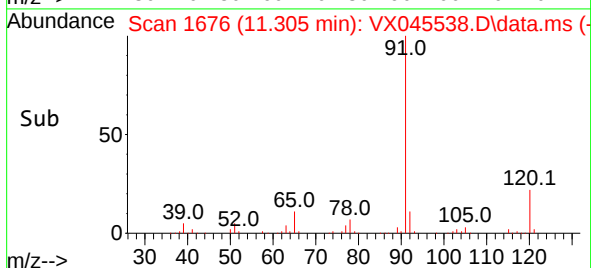
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

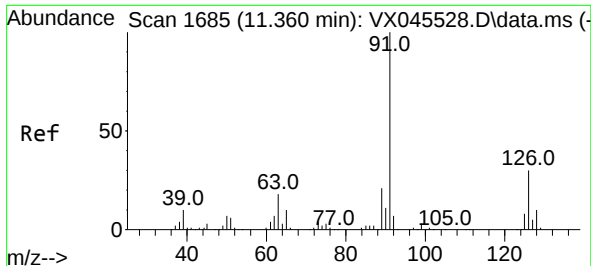


#78
n-propylbenzene
Concen: 19.179 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44



Tgt Ion: 91 Resp: 117276
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3





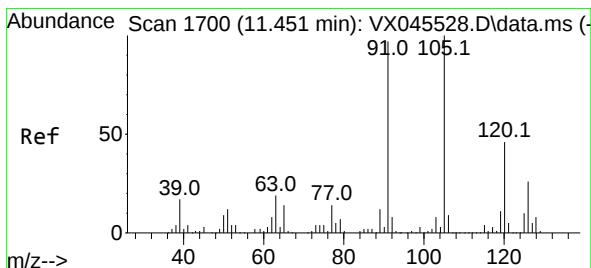
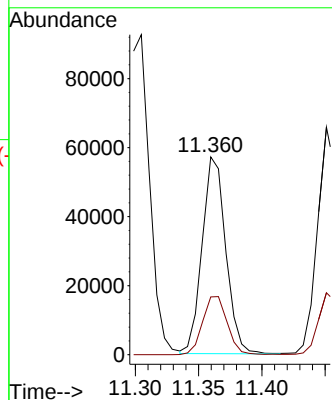
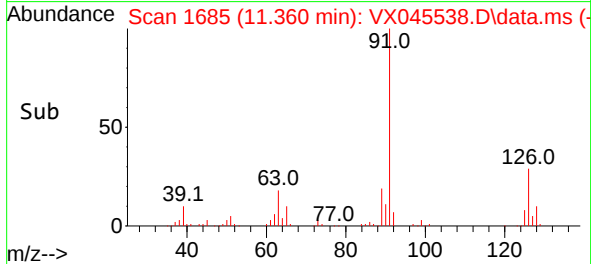
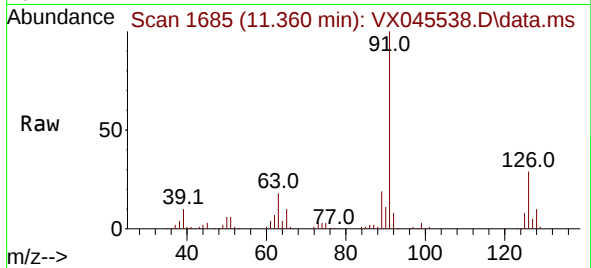
#79
2-Chlorotoluene
Concen: 19.019 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tgt Ion: 91 Resp: 7434
Ion Ratio Lower Upper
91 100
126 31.0 15.8 47.4

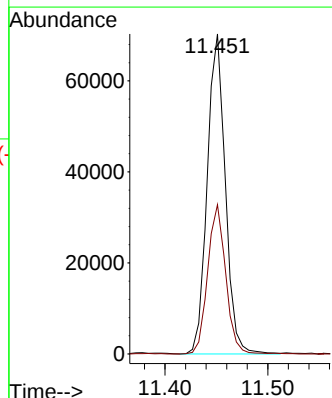
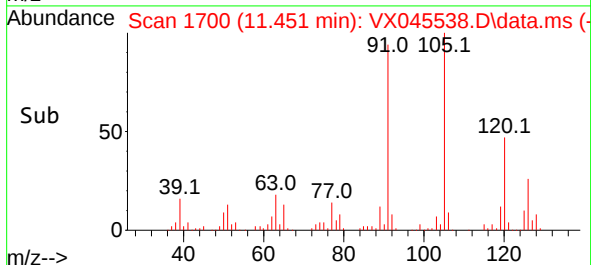
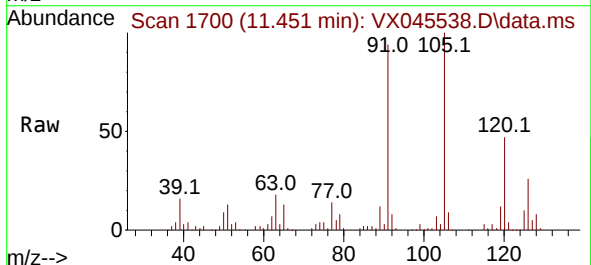
Manual Integrations
APPROVED

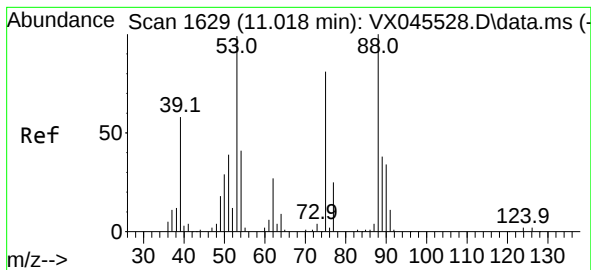
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.595 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion:105 Resp: 86019
Ion Ratio Lower Upper
105 100
120 46.5 23.0 69.0





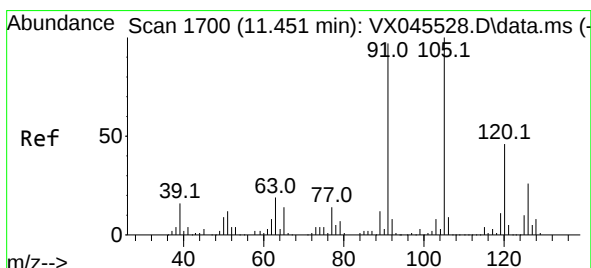
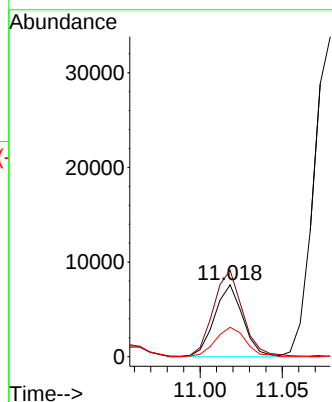
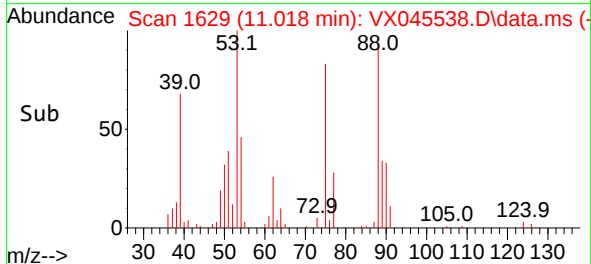
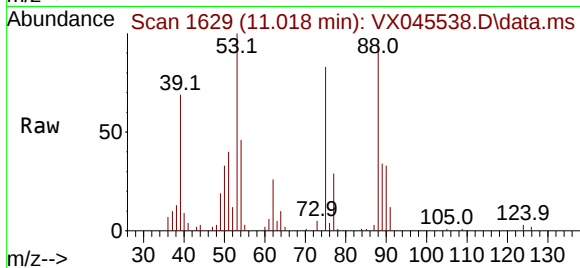
#81
trans-1,4-Dichloro-2-butene
Concen: 19.222 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tgt Ion: 75 Resp: 9150
Ion Ratio Lower Upper
75 100
53 122.7 101.8 152.6
89 43.5 37.2 55.8

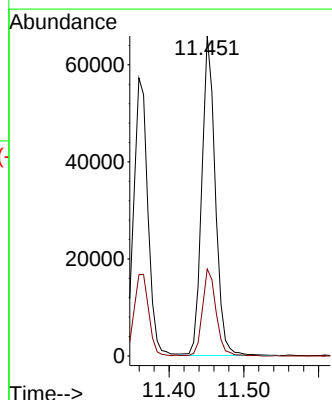
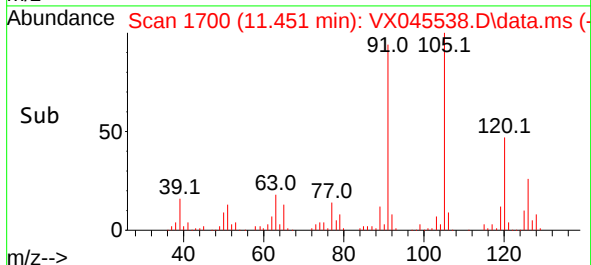
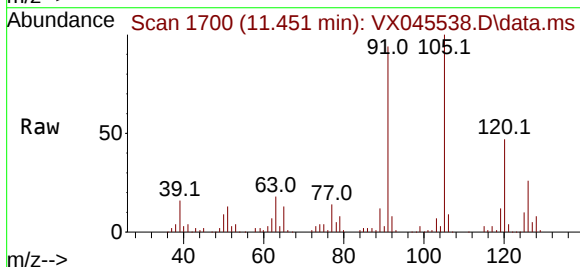
Manual Integrations
APPROVED

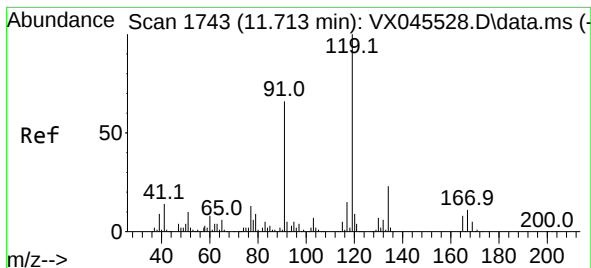
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#82
4-Chlorotoluene
Concen: 18.909 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Tgt Ion: 91 Resp: 82413
Ion Ratio Lower Upper
91 100
126 27.6 13.3 39.9





#83

tert-Butylbenzene

Concen: 19.563 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

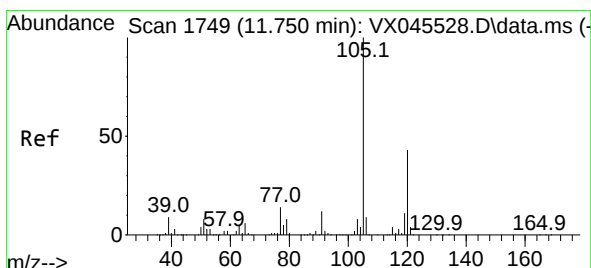
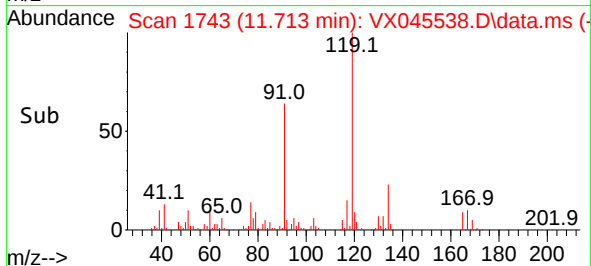
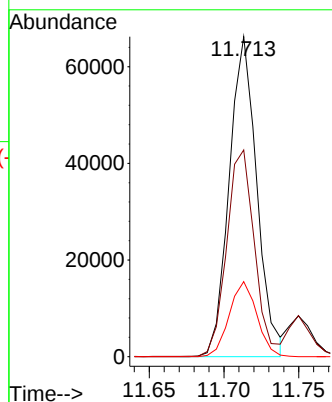
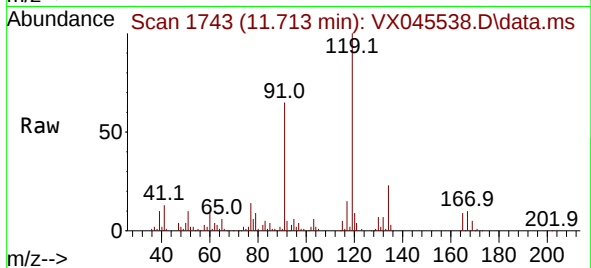
Tgt Ion:	119	Resp:	85024
Ion Ratio	Lower	Upper	
119	100		
91	65.4	32.4	97.2
134	23.4	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.437 ug/l

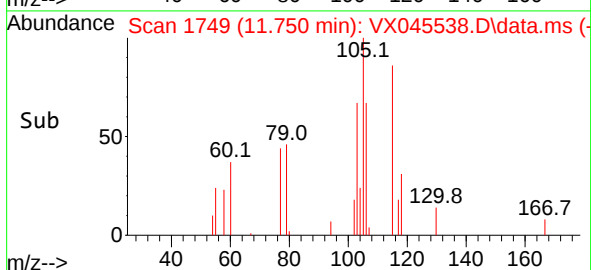
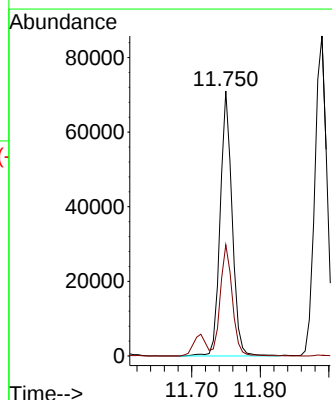
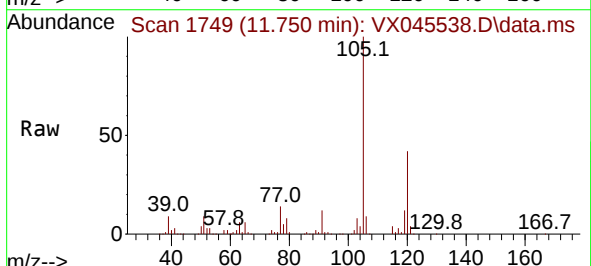
RT: 11.750 min Scan# 1749

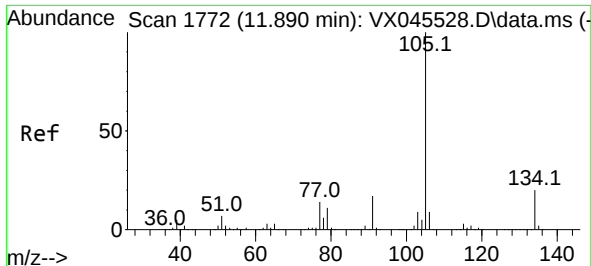
Delta R.T. -0.000 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

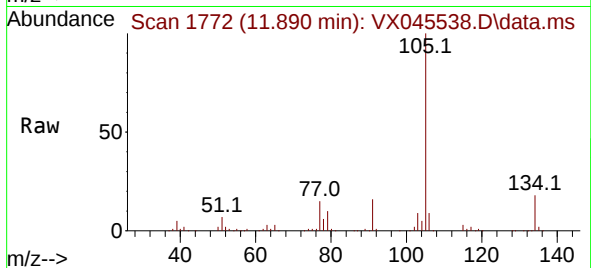
Tgt Ion:	105	Resp:	85641
Ion Ratio	Lower	Upper	
105	100		
120	42.3	21.4	64.3





#85
 sec-Butylbenzene
 Concen: 19.680 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045538.D
 Acq: 02 Apr 2025 11:44

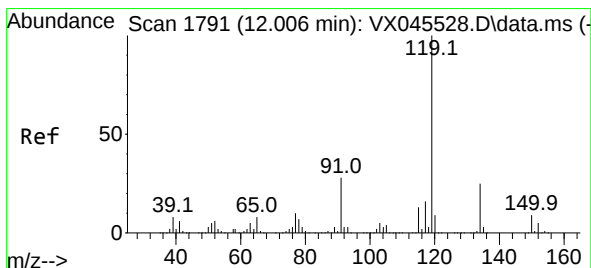
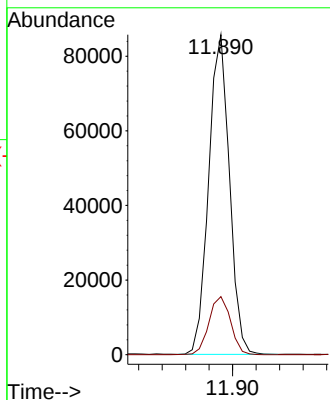
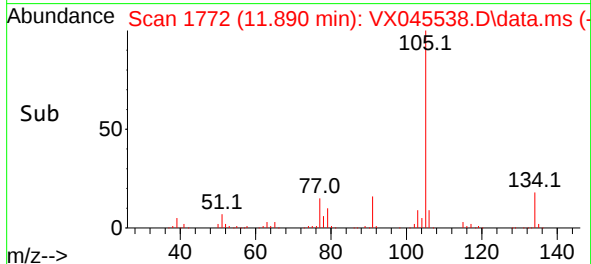
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01



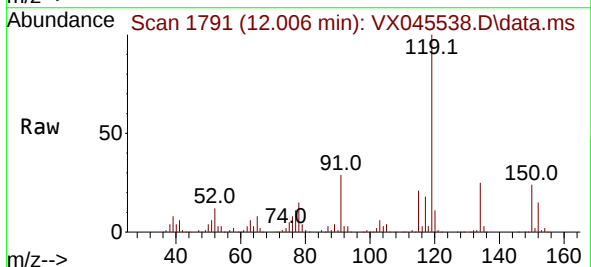
Tgt Ion:105 Resp: 10505
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6

Manual Integrations
 APPROVED

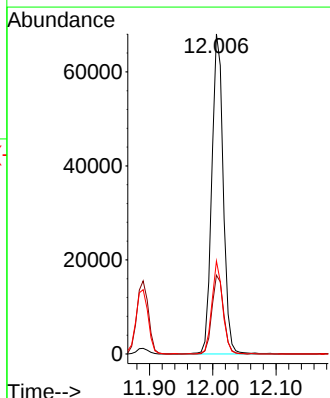
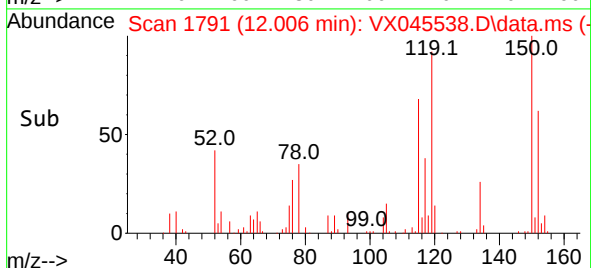
Reviewed By :John Carbone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025

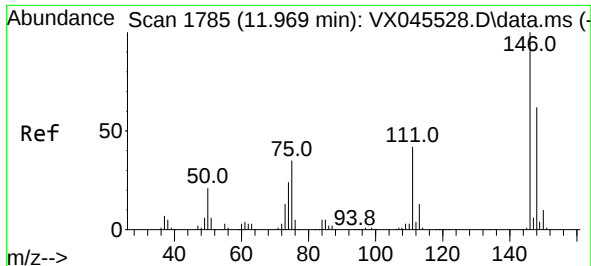


#86
 p-Isopropyltoluene
 Concen: 19.440 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045538.D
 Acq: 02 Apr 2025 11:44



Tgt Ion:119 Resp: 85554
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 27.2 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 19.013 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

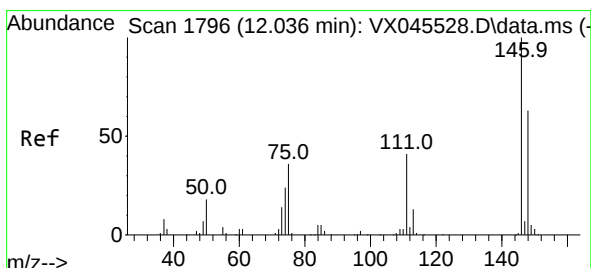
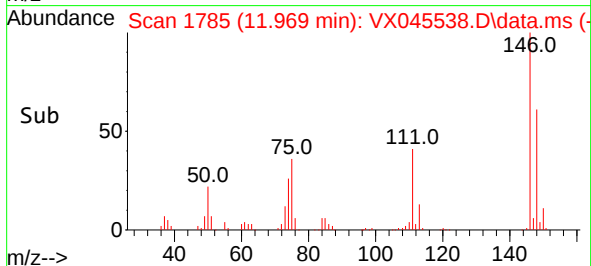
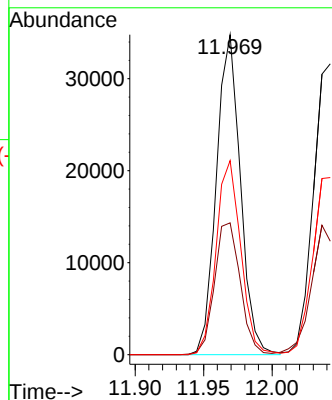
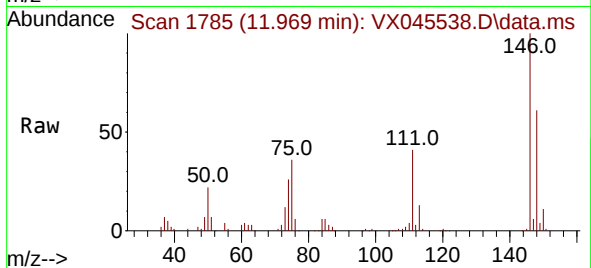
Tgt Ion:146 Resp: 42452
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.2 66.6
 148 62.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#88

1,4-Dichlorobenzene

Concen: 18.773 ug/l

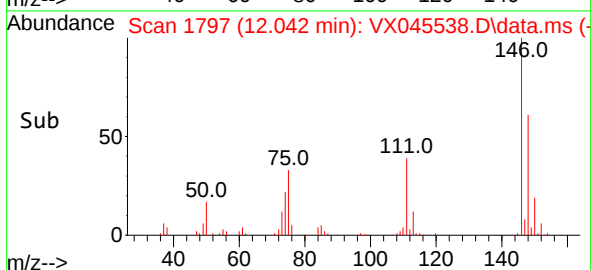
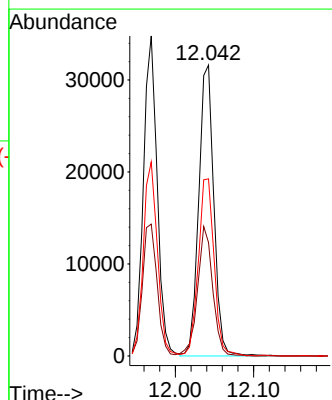
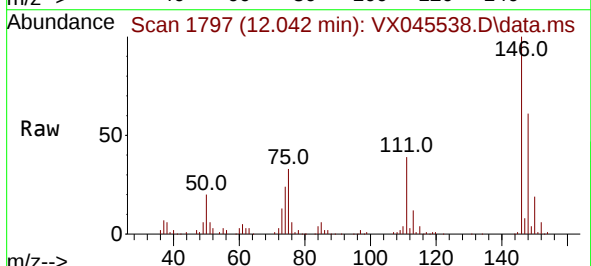
RT: 12.042 min Scan# 1797

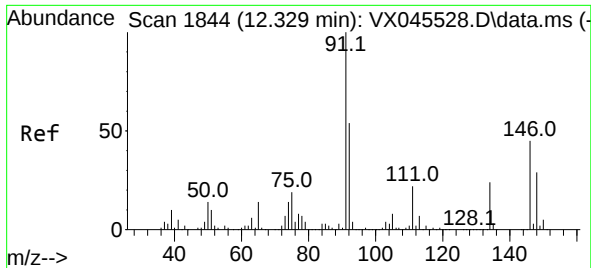
Delta R.T. 0.006 min

Lab File: VX045538.D

Acq: 02 Apr 2025 11:44

Tgt Ion:146 Resp: 42495
 Ion Ratio Lower Upper
 146 100
 111 44.7 20.9 62.8
 148 63.7 31.5 94.5





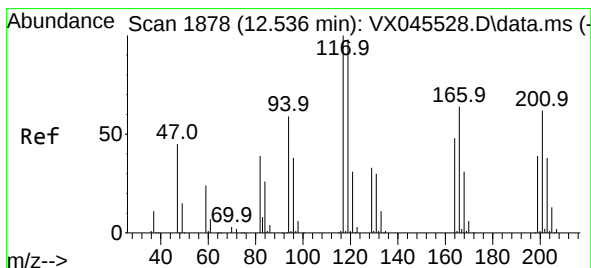
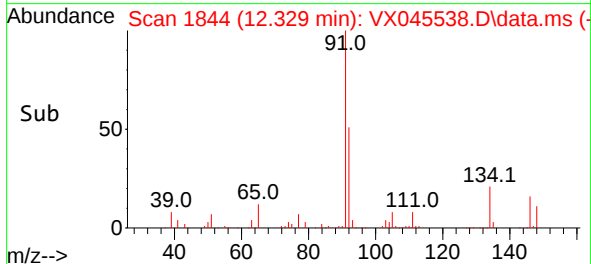
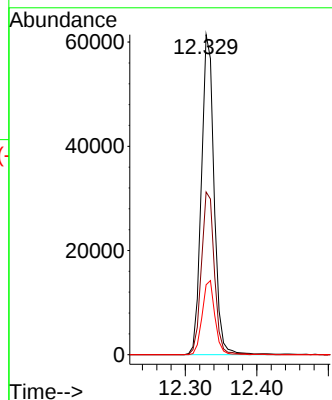
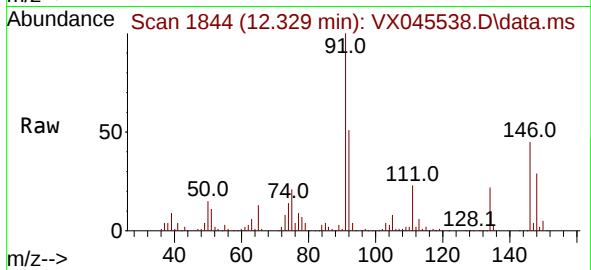
#89
n-Butylbenzene
Concen: 19.864 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tgt Ion: 91 Resp: 75804
Ion Ratio Lower Upper
91 100
92 52.0 26.9 80.6
134 23.1 11.9 35.7

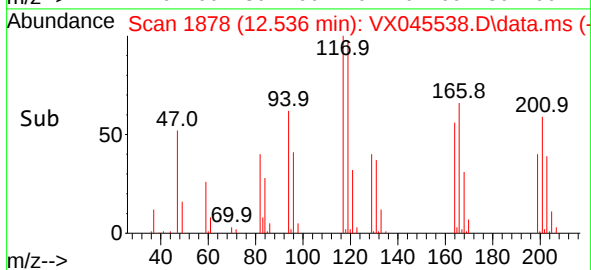
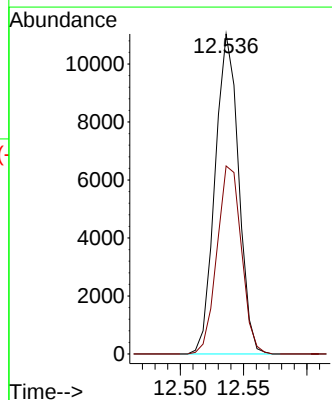
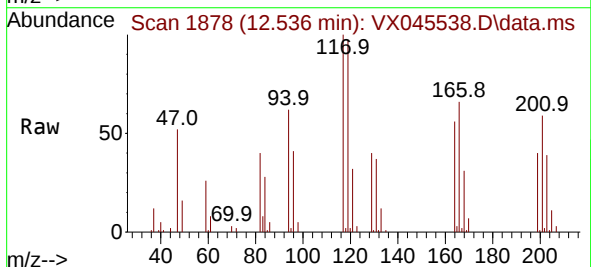
Manual Integrations
APPROVED

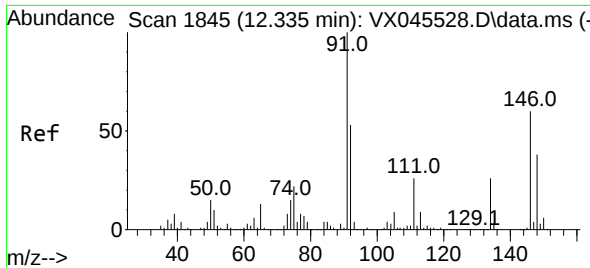
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#90
Hexachloroethane
Concen: 18.835 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

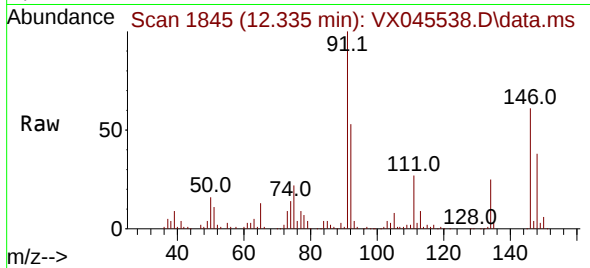
Tgt Ion:117 Resp: 14245
Ion Ratio Lower Upper
117 100
201 61.1 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 19.134 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

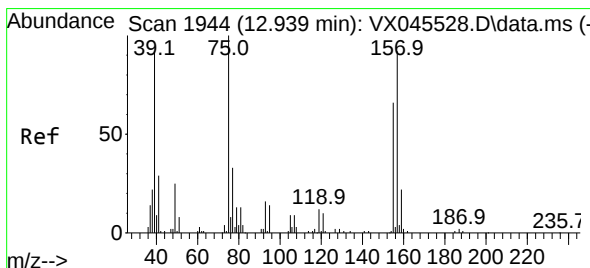
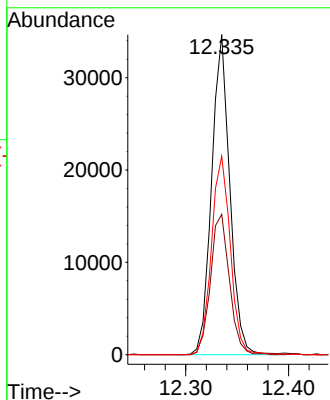
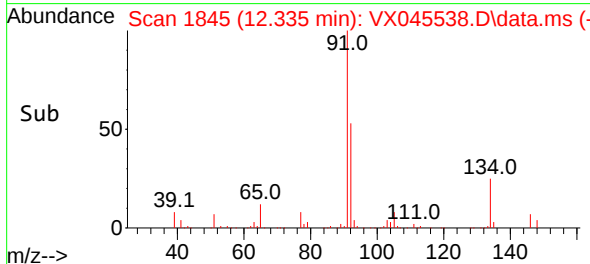
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



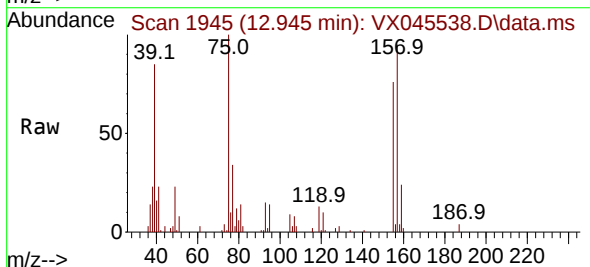
Tgt Ion:146 Resp: 42474
Ion Ratio Lower Upper
146 100
111 45.8 22.9 68.8
148 64.4 31.9 95.5

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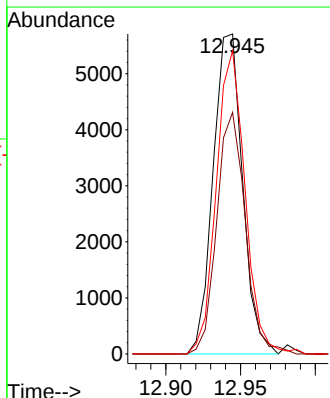
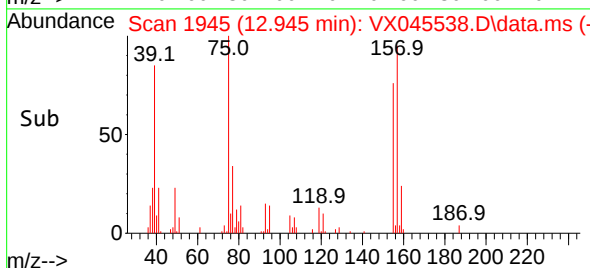
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

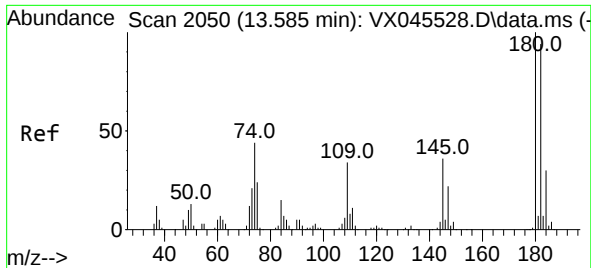


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.025 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44



Tgt Ion: 75 Resp: 7810
Ion Ratio Lower Upper
75 100
155 73.2 34.9 104.7
157 92.7 44.9 134.7





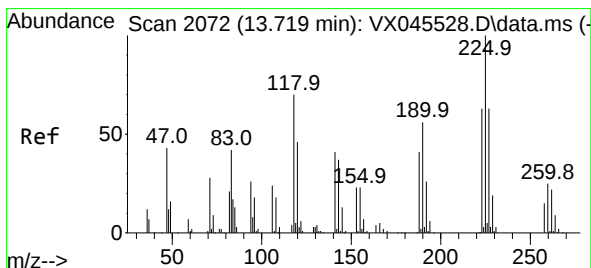
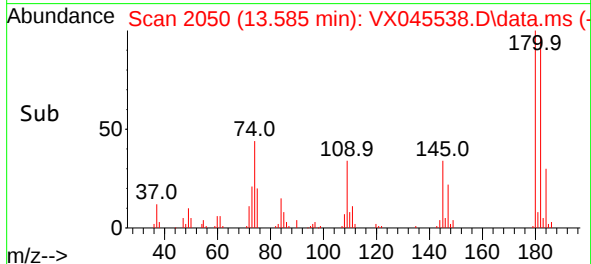
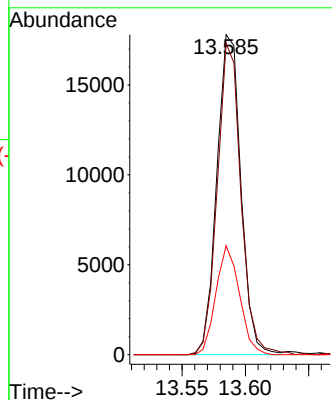
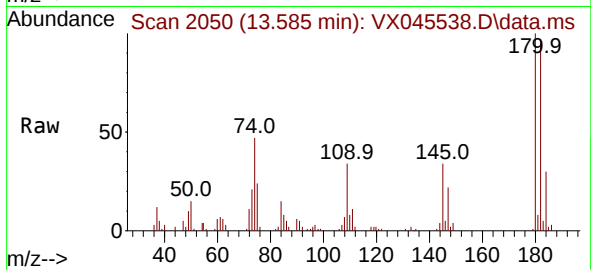
#93
1,2,4-Trichlorobenzene
Concen: 18.982 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tgt Ion:180 Resp: 2345
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.6
145 33.3 17.9 53.8

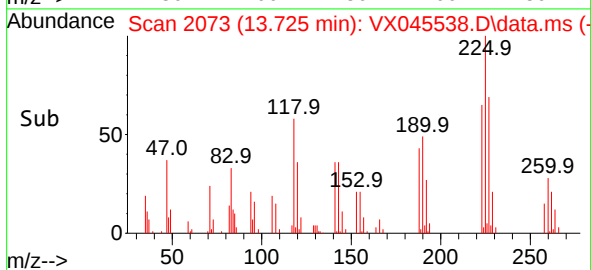
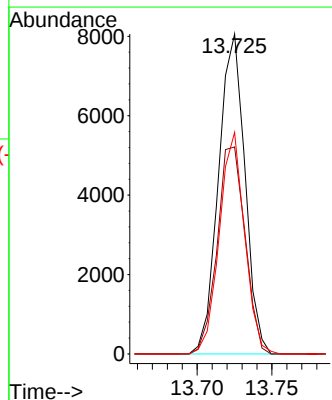
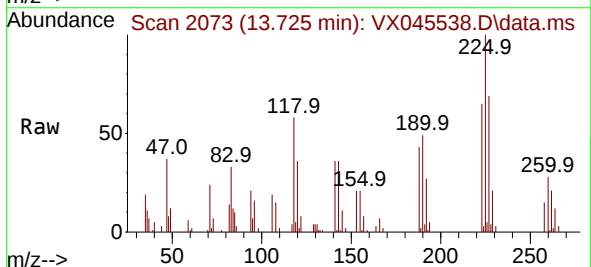
Manual Integrations
APPROVED

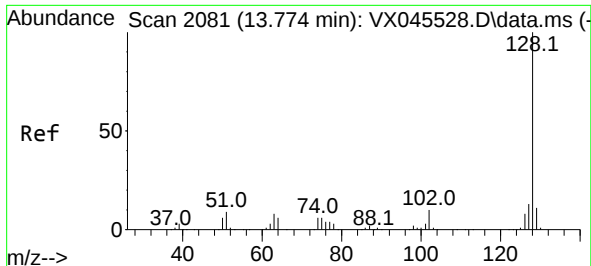
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#94
Hexachlorobutadiene
Concen: 18.601 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

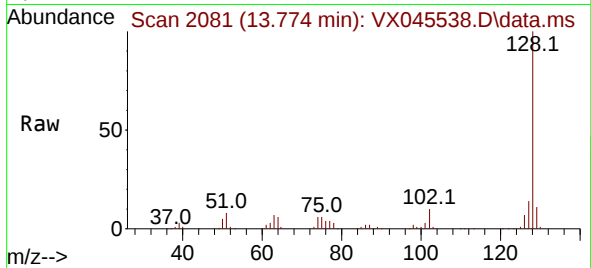
Tgt Ion:225 Resp: 9904
Ion Ratio Lower Upper
225 100
223 68.3 31.1 93.3
227 66.0 32.2 96.6





#95
Naphthalene
Concen: 19.246 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44

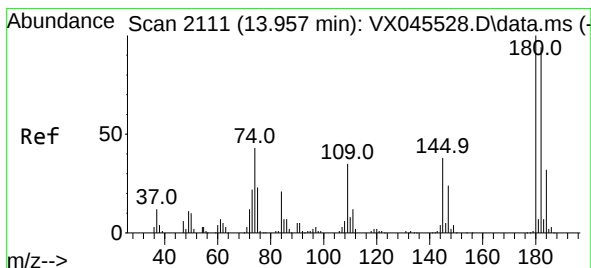
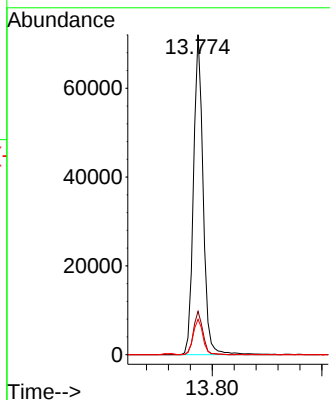
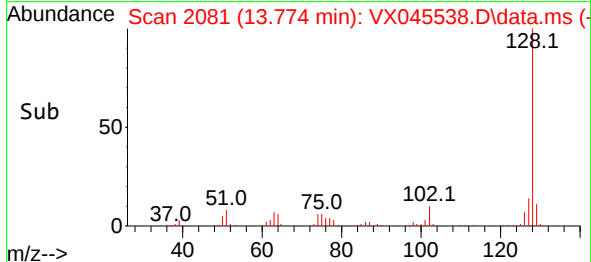
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01



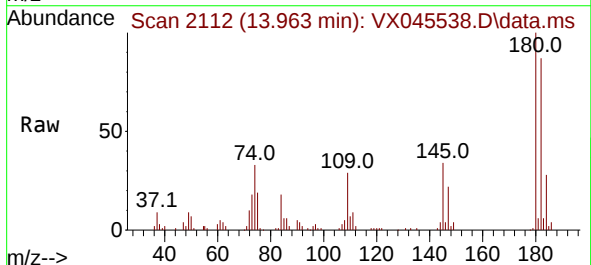
Tgt Ion:128 Resp: 88498
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.149 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045538.D
Acq: 02 Apr 2025 11:44



Tgt Ion:180 Resp: 24776
Ion Ratio Lower Upper
180 100
182 93.0 47.3 141.8
145 35.4 18.2 54.6

