

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045902.D
 Acq On : 23 Apr 2025 11:05
 Operator : JC/MD
 Sample : VX0423WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2025
 Supervised By : Mahesh Dadoda 04/25/2025

Quant Time: Apr 24 02:13:32 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	5.537	168	96629	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.750	114	166044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	145301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95490	54.038	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.080%			
35) Dibromofluoromethane	5.373	113	64999	55.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.340%			
50) Toluene-d8	8.646	98	221631	53.899	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.800%			
62) 4-Bromofluorobenzene	11.079	95	86606	57.823	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26552	18.374	ug/l	98
3) Chloromethane	1.300	50	25913	17.455	ug/l	99
4) Vinyl Chloride	1.373	62	24005	17.668	ug/l	99
5) Bromomethane	1.593	94	11212	17.405	ug/l	93
6) Chloroethane	1.666	64	13661	18.952	ug/l	98
7) Trichlorofluoromethane	1.873	101	39911	19.700	ug/l	99
8) Diethyl Ether	2.129	74	13050	19.186	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.318	101	24837	20.921	ug/l	96
10) Methyl Iodide	2.440	142	27426	18.521	ug/l	97
11) Tert butyl alcohol	2.971	59	22157	93.299	ug/l	99
12) 1,1-Dichloroethene	2.312	96	21401	18.449	ug/l	99
13) Acrolein	2.233	56	33314	101.868	ug/l	99
14) Allyl chloride	2.654	41	42569	19.341	ug/l	99
15) Acrylonitrile	3.062	53	69164	92.262	ug/l	99
16) Acetone	2.379	43	71206	98.132	ug/l	99
17) Carbon Disulfide	2.501	76	41359	14.436	ug/l	99
18) Methyl Acetate	2.702	43	39868	23.864	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	81625	20.115	ug/l	100
20) Methylene Chloride	2.782	84	26268	19.337	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	21511	18.151	ug/l	92
22) Diisopropyl ether	3.757	45	87958	20.287	ug/l	92
23) Vinyl Acetate	3.714	43	362441	96.754	ug/l	99
24) 1,1-Dichloroethane	3.605	63	47724	19.463	ug/l	98
25) 2-Butanone	4.550	43	101053	95.139	ug/l	98
26) 2,2-Dichloropropane	4.464	77	37347	23.574	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27728	19.204	ug/l	95
28) Bromochloromethane	4.891	49	27852	23.505	ug/l	100
29) Tetrahydrofuran	5.007	42	62058	90.118	ug/l	98
30) Chloroform	5.086	83	51288	20.328	ug/l	97
31) Cyclohexane	5.458	56	39613	18.274	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	42688	19.995	ug/l	99
36) 1,1-Dichloropropene	5.684	75	32827	20.637	ug/l	96
37) Ethyl Acetate	4.708	43	38045	18.979	ug/l	100
38) Carbon Tetrachloride	5.671	117	36514	21.240	ug/l	94
39) Methylcyclohexane	7.372	83	39378	20.196	ug/l	97
40) Benzene	6.031	78	95958	19.753	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	21785	20.597	ug/l	99
42) 1,2-Dichloroethane	6.080	62	42658	21.260	ug/l	100
43) Isopropyl Acetate	6.336	43	62861	20.690	ug/l	99
44) Trichloroethene	7.116	130	23438	20.298	ug/l	92
45) 1,2-Dichloropropane	7.427	63	24944	20.579	ug/l	98
46) Dibromomethane	7.574	93	19186	20.620	ug/l	97
47) Bromodichloromethane	7.817	83	39600	21.311	ug/l	99
48) Methyl methacrylate	7.689	41	32405	20.658	ug/l	99
49) 1,4-Dioxane	7.659	88	10850	382.296	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	205978	102.271	ug/l	100
52) Toluene	8.714	92	59223	20.147	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	32751	19.778	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	37606	21.536	ug/l	97
55) 1,1,2-Trichloroethane	9.146	97	24940	21.291	ug/l	96
56) Ethyl methacrylate	9.116	69	38369	21.165	ug/l	98
57) 1,3-Dichloropropane	9.305	76	43599	21.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	92045	100.368	ug/l	99
59) 2-Hexanone	9.427	43	151625	101.662	ug/l	100
60) Dibromochloromethane	9.518	129	27251	21.339	ug/l	98
61) 1,2-Dibromoethane	9.604	107	25213	21.263	ug/l	98
64) Tetrachloroethene	9.268	164	22176	21.617	ug/l	97
65) Chlorobenzene	10.073	112	66689	21.479	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	23159	21.484	ug/l	98
67) Ethyl Benzene	10.189	91	117070	21.053	ug/l	98
68) m/p-Xylenes	10.299	106	85798	42.422	ug/l	98
69) o-Xylene	10.640	106	42812	21.488	ug/l	99
70) Styrene	10.652	104	70683	21.495	ug/l	97
71) Bromoform	10.799	173	16496	20.495	ug/l #	96
73) Isopropylbenzene	10.957	105	115620	20.548	ug/l	99
74) N-amyl acetate	10.841	43	54577	20.277	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38309	19.381	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	33397m	19.491	ug/l	
77) Bromobenzene	11.195	156	26238	20.181	ug/l	100
78) n-propylbenzene	11.298	91	134399	20.737	ug/l	100
79) 2-Chlorotoluene	11.359	91	84762	20.457	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	97132	20.875	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9103	18.030	ug/l	95
82) 4-Chlorotoluene	11.451	91	96004	20.782	ug/l	99
83) tert-Butylbenzene	11.713	119	96025	20.845	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	98327	21.055	ug/l	99
85) sec-Butylbenzene	11.884	105	123285	21.790	ug/l	99
86) p-Isopropyltoluene	12.006	119	100477	21.540	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	49292	20.828	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	48495	20.213	ug/l	96
89) n-Butylbenzene	12.329	91	88084	21.776	ug/l	99
90) Hexachloroethane	12.536	117	16684	20.812	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	49932	21.222	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	8386	20.286	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	27523	21.015	ug/l	99
94) Hexachlorobutadiene	13.725	225	12562	22.259	ug/l	99
95) Naphthalene	13.774	128	99934	20.504	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28798	20.999	ug/l	99

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Instrument :
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ClientSampleId :
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QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

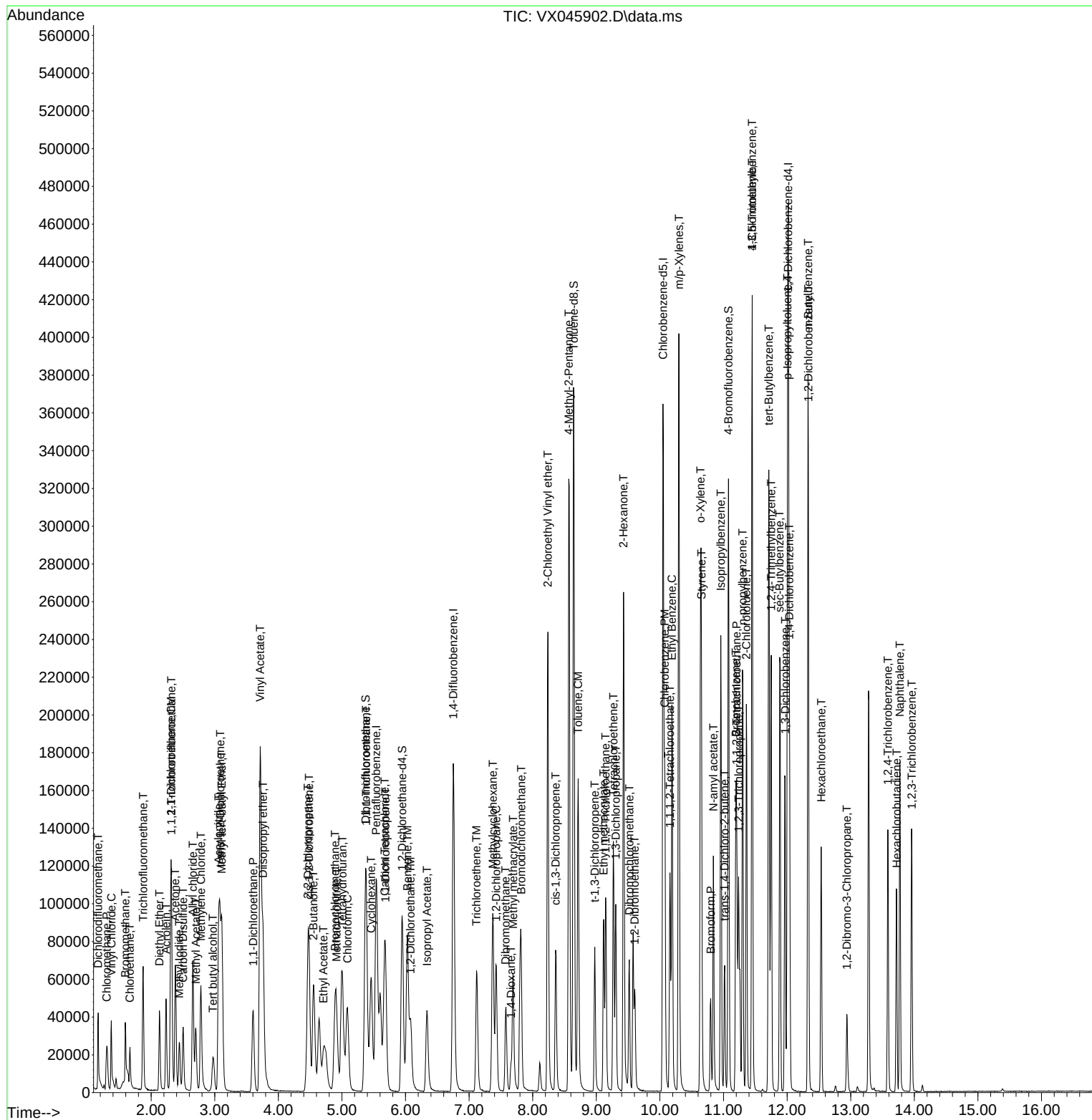
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
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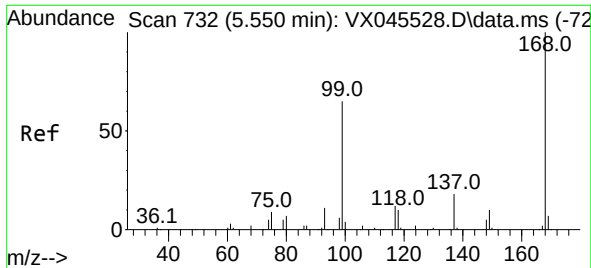
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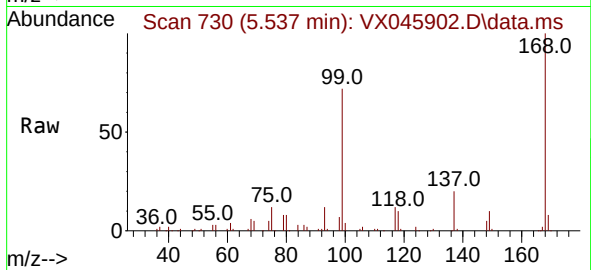
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.013 min
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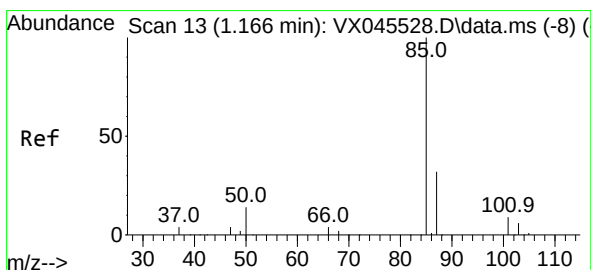
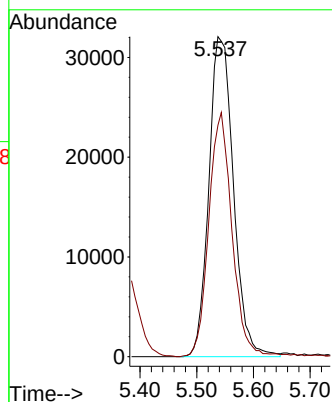
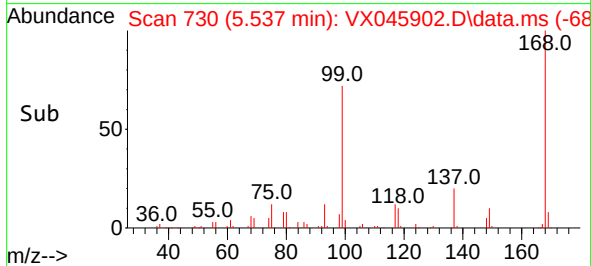
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 96629
Ion Ratio Lower Upper
168 100
99 72.3 52.3 78.5

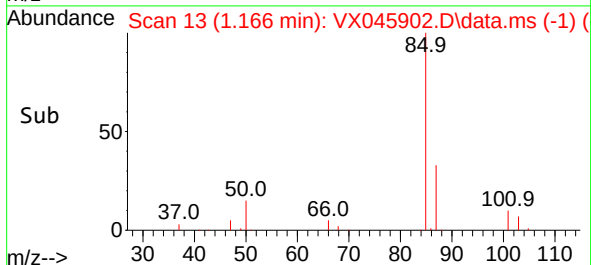
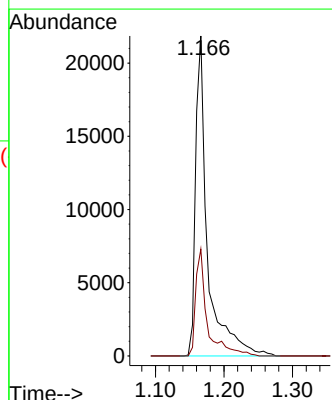
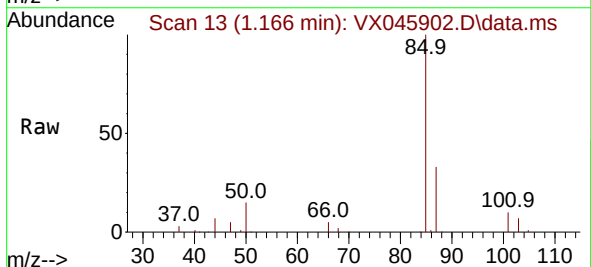
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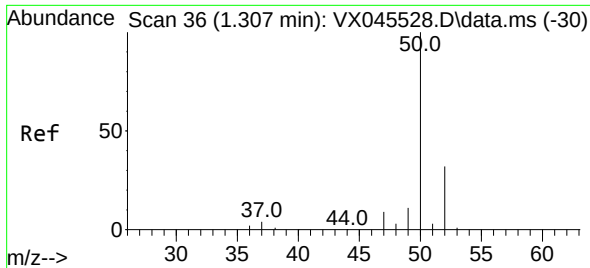
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#2
Dichlorodifluoromethane
Concen: 18.374 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Tgt Ion: 85 Resp: 26552
Ion Ratio Lower Upper
85 100
87 33.4 16.1 48.2





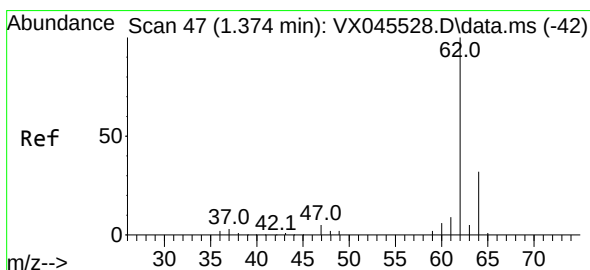
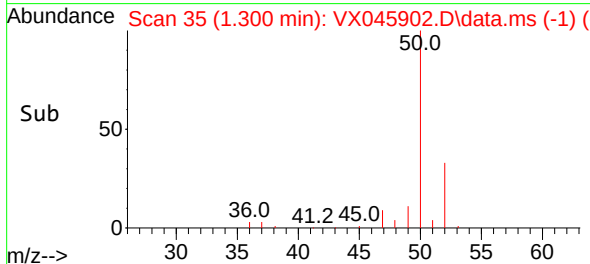
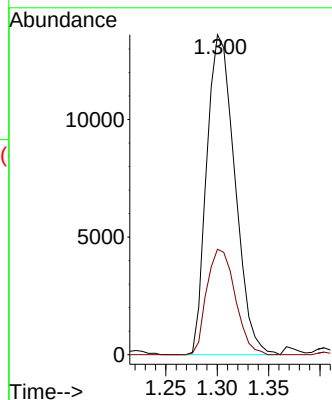
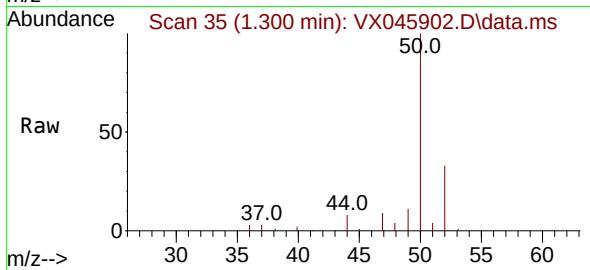
#3
Chloromethane
Concen: 17.455 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045902.D
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Tgt Ion: 50 Resp: 2591
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9

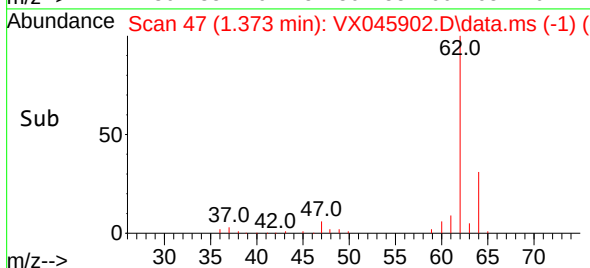
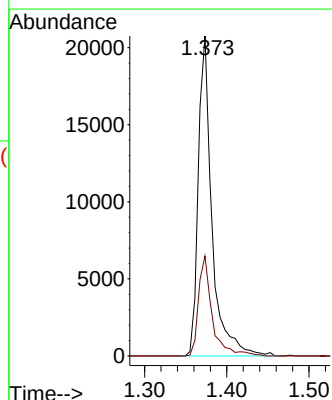
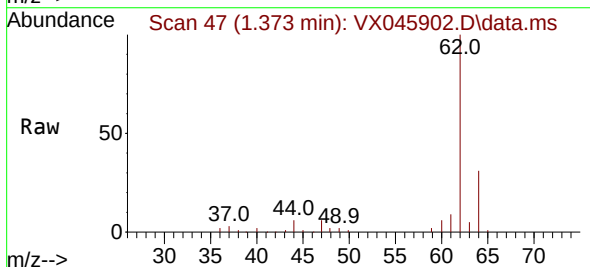
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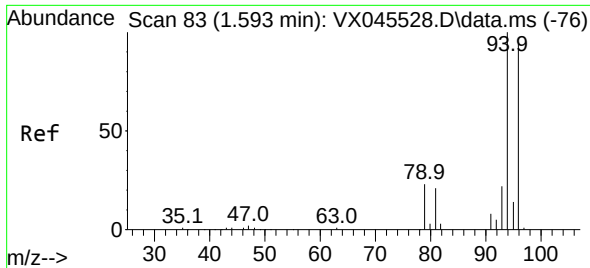
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#4
Vinyl Chloride
Concen: 17.668 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Tgt Ion: 62 Resp: 24005
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3





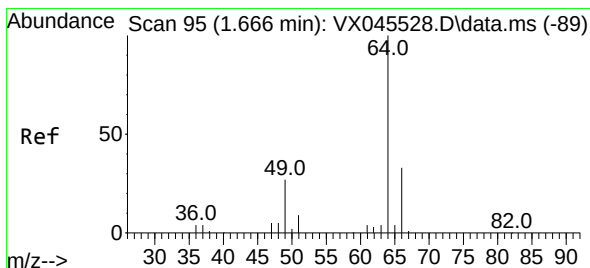
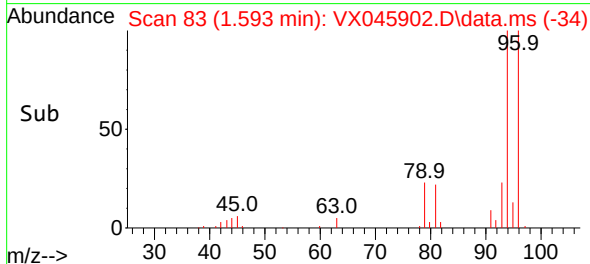
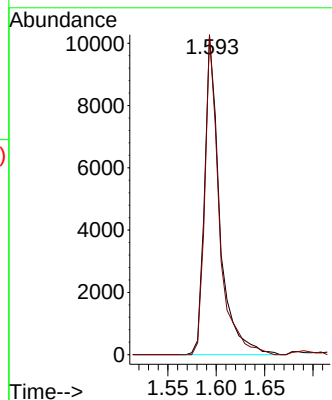
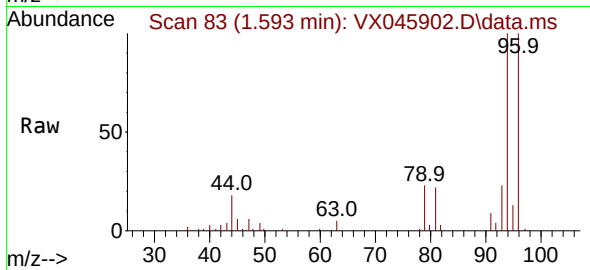
#5
Bromomethane
Concen: 17.405 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045902.D
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Instrument :
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Tgt Ion: 94 Resp: 1121
Ion Ratio Lower Upper
94 100
96 100.4 74.8 112.2

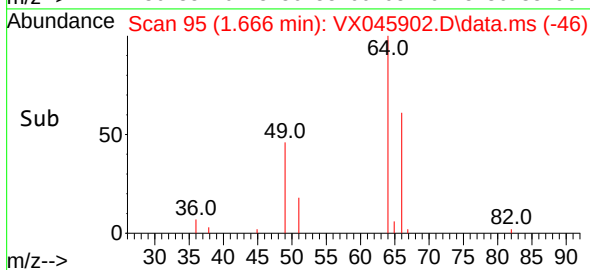
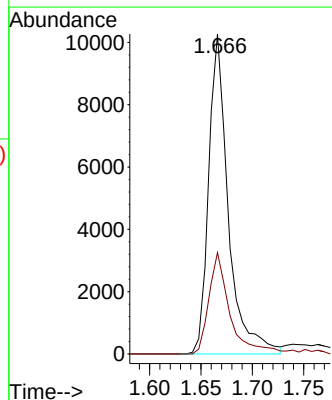
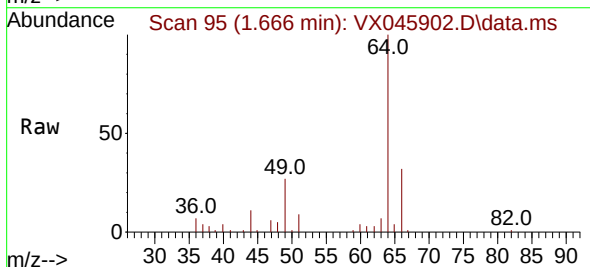
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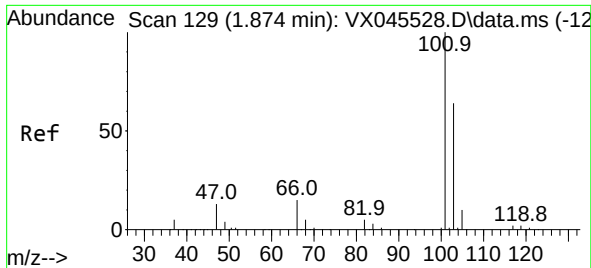
Reviewed By :John Carlone 04/24/2025
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#6
Chloroethane
Concen: 18.952 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045902.D
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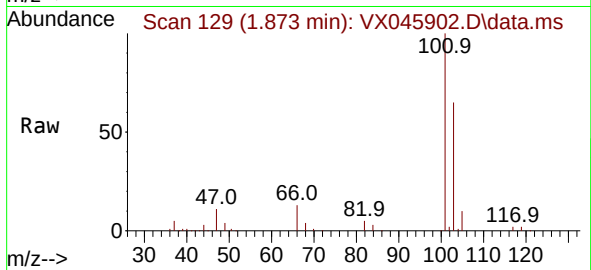
Tgt Ion: 64 Resp: 13661
Ion Ratio Lower Upper
64 100
66 31.7 26.3 39.5





#7
Trichlorofluoromethane
Concen: 19.700 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045902.D
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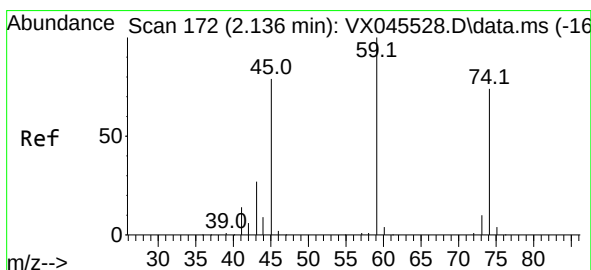
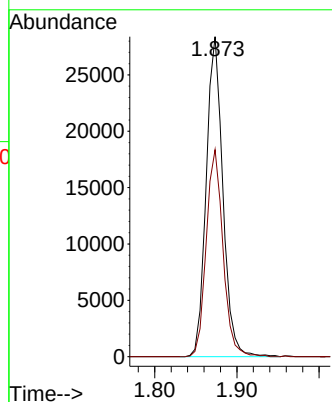
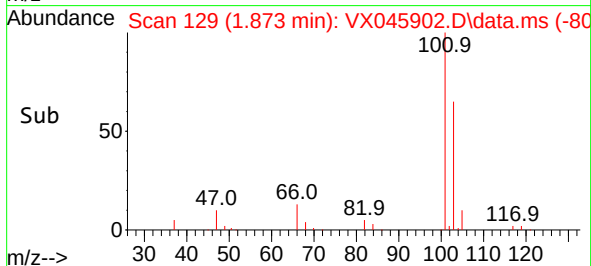
Instrument :
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Tgt Ion:101 Resp: 3991
Ion Ratio Lower Upper
101 100
103 64.7 51.1 76.7

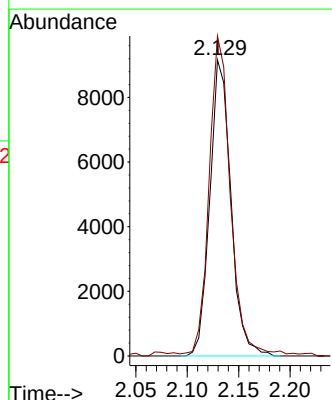
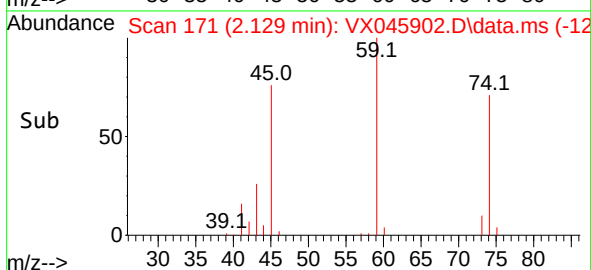
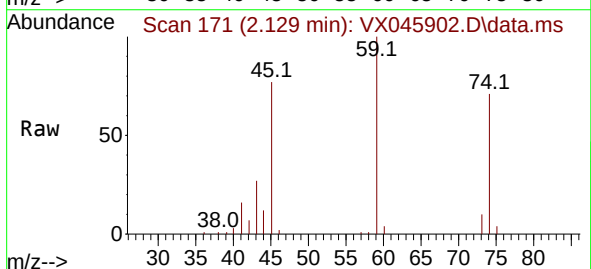
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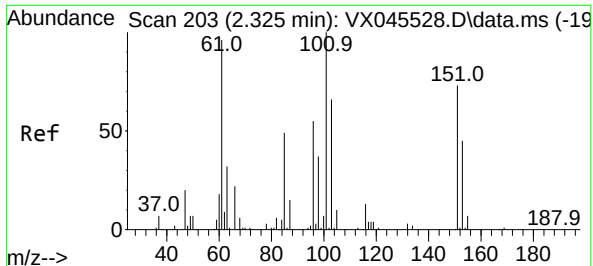
Reviewed By :John Carlone 04/24/2025
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#8
Diethyl Ether
Concen: 19.186 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Tgt Ion: 74 Resp: 13050
Ion Ratio Lower Upper
74 100
45 110.7 53.0 159.1





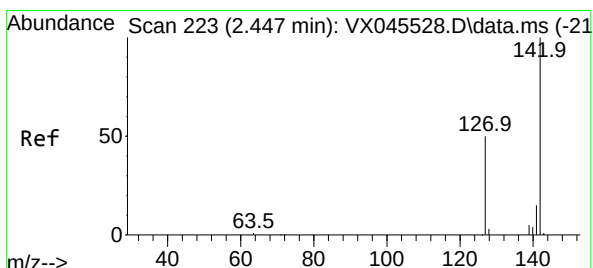
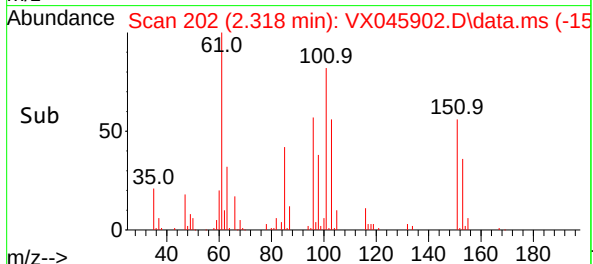
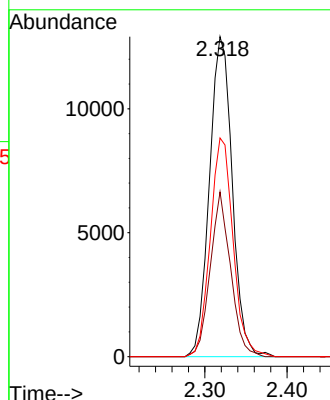
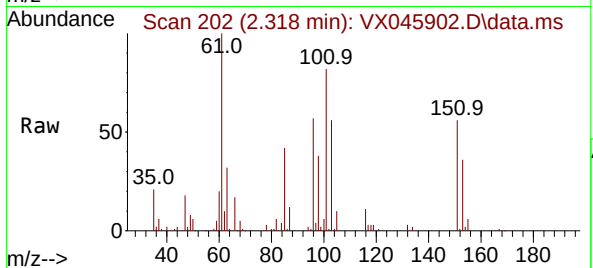
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.921 ug/l
RT: 2.318 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tgt Ion:101 Resp: 2483
Ion Ratio Lower Upper
101 100
85 46.0 38.9 58.3
151 68.6 57.5 86.3

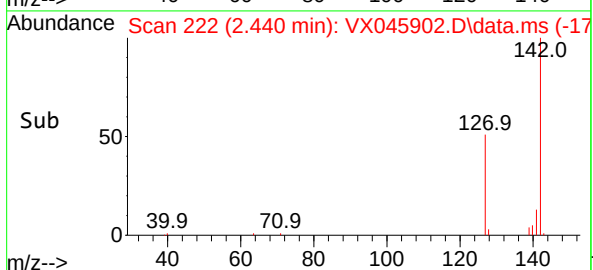
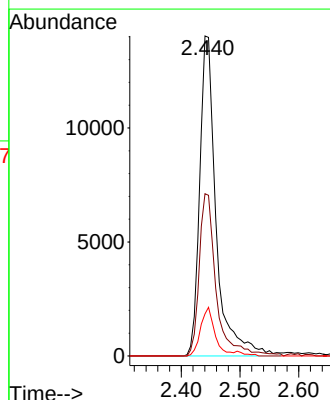
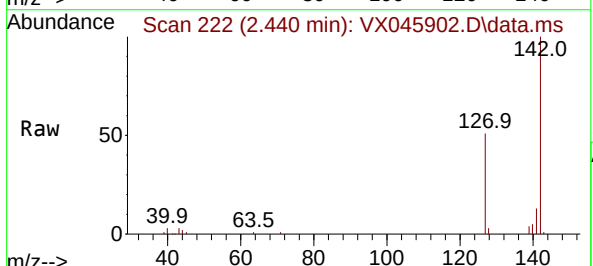
Manual Integrations
APPROVED

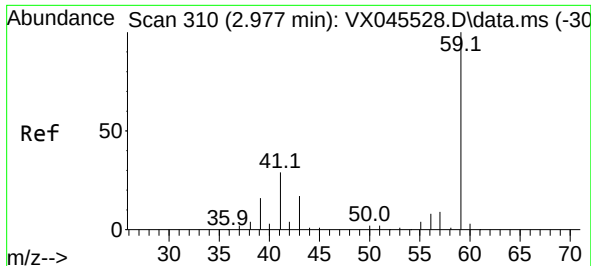
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#10
Methyl Iodide
Concen: 18.521 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

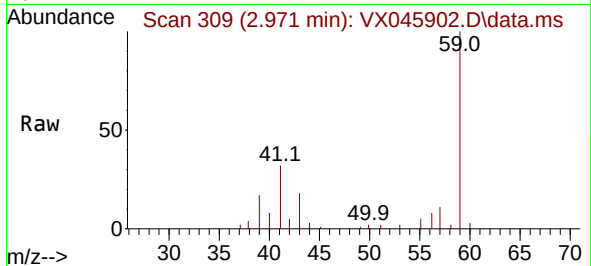
Tgt Ion:142 Resp: 27426
Ion Ratio Lower Upper
142 100
127 52.0 40.2 60.4
141 13.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 93.299 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

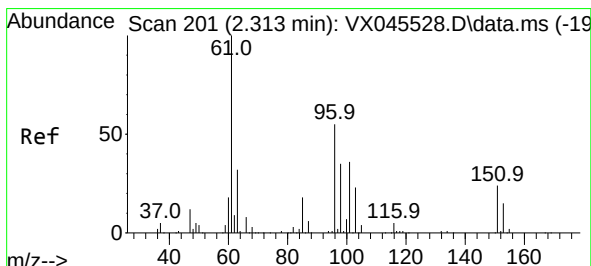
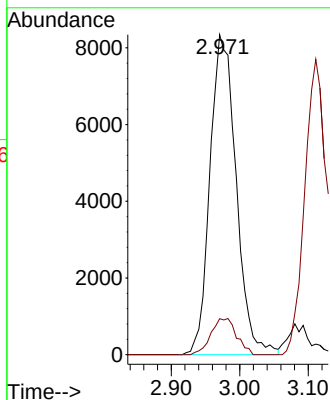
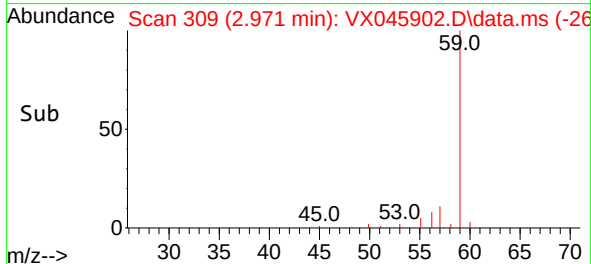
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



Tgt Ion: 59 Resp: 2215
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

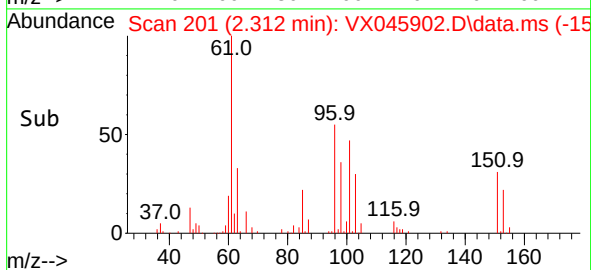
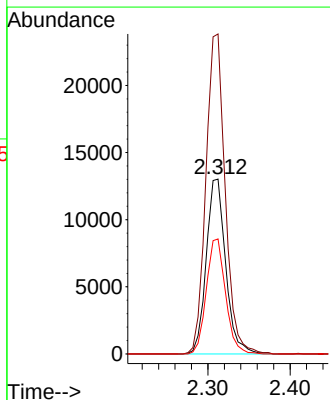
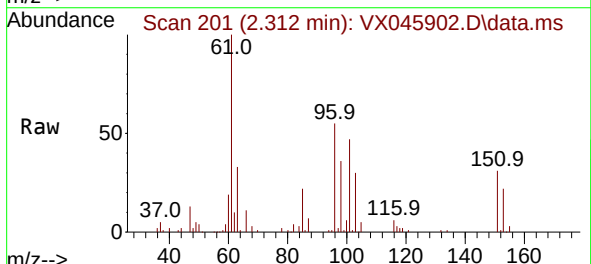
Manual Integrations
APPROVED

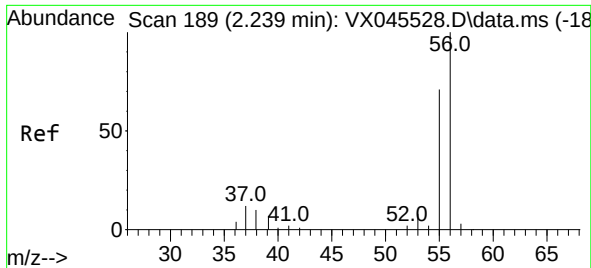
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#12
1,1-Dichloroethene
Concen: 18.449 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

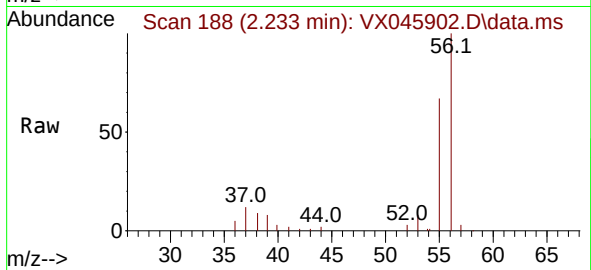
Tgt Ion: 96 Resp: 21401
Ion Ratio Lower Upper
96 100
61 183.0 145.7 218.5
98 65.8 51.6 77.4





#13
Acrolein
Concen: 101.868 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

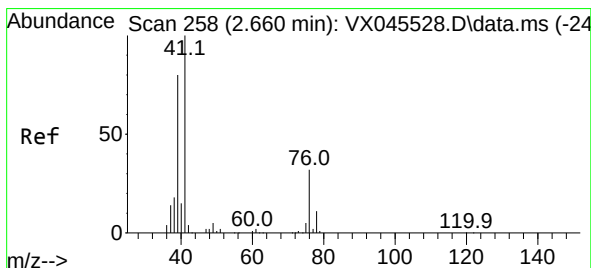
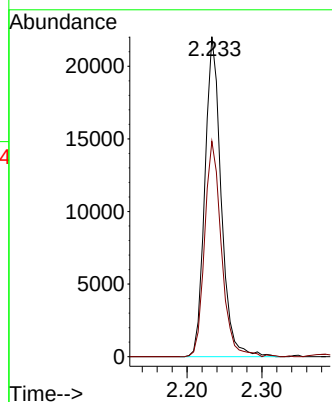
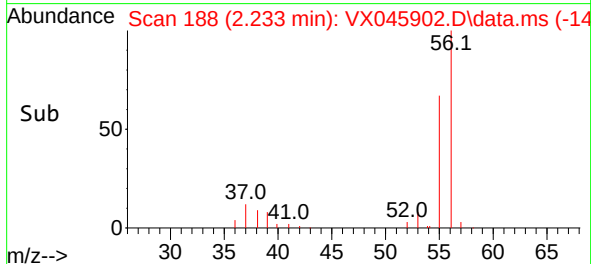
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



Tgt Ion: 56 Resp: 33314
Ion Ratio Lower Upper
56 100
55 69.3 56.2 84.2

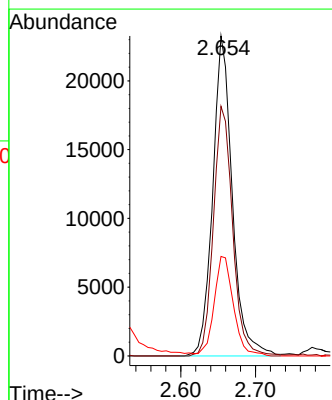
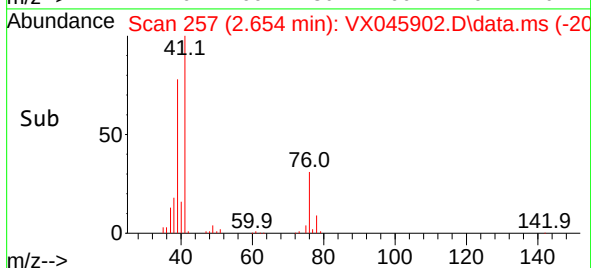
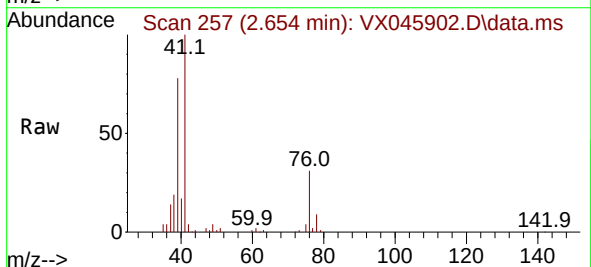
Manual Integrations
APPROVED

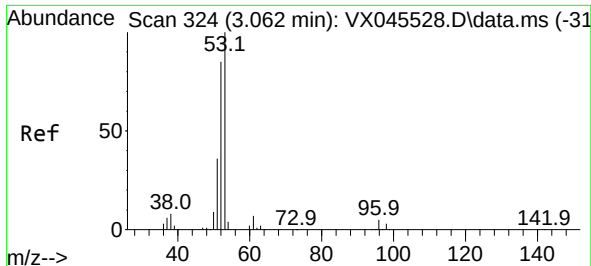
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#14
Allyl chloride
Concen: 19.341 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

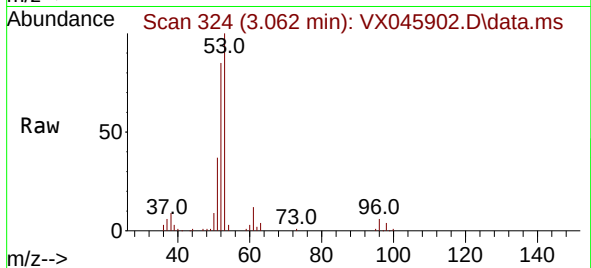
Tgt Ion: 41 Resp: 42569
Ion Ratio Lower Upper
41 100
39 76.2 60.2 90.2
76 30.7 24.6 36.8





#15
Acrylonitrile
Concen: 92.262 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

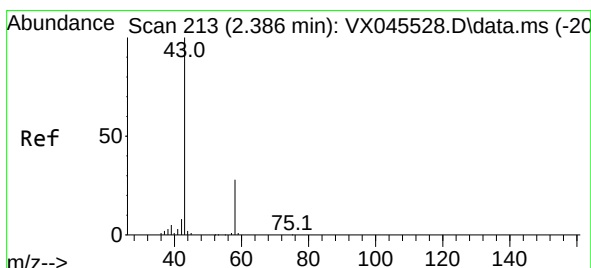
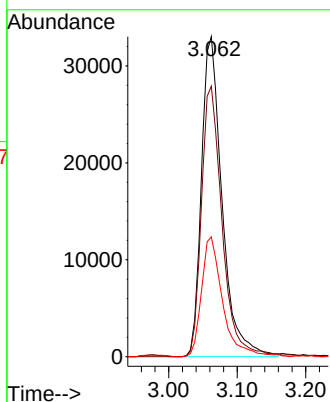
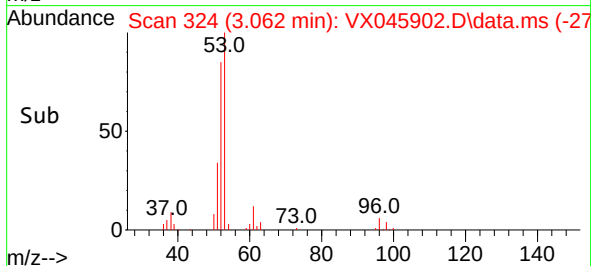
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



Tgt Ion: 53 Resp: 69164
Ion Ratio Lower Upper
53 100
52 84.8 67.4 101.2
51 38.3 29.9 44.9

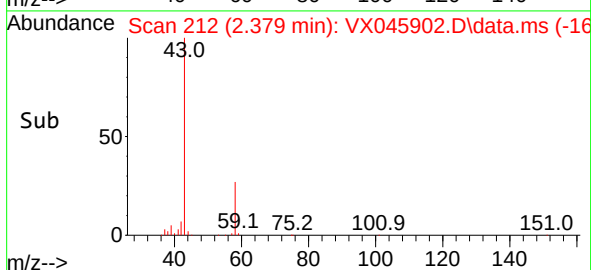
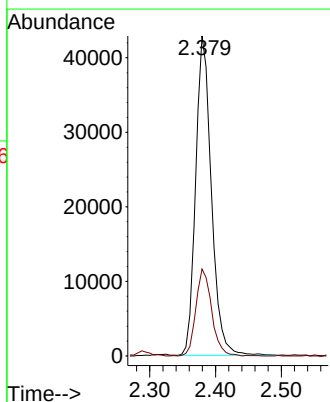
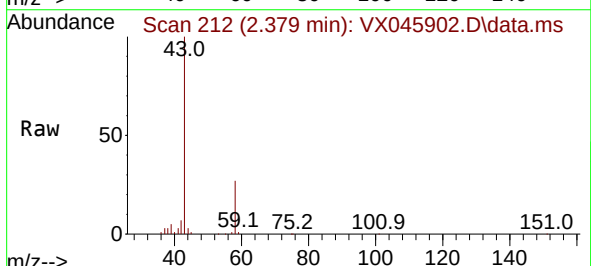
Manual Integrations
APPROVED

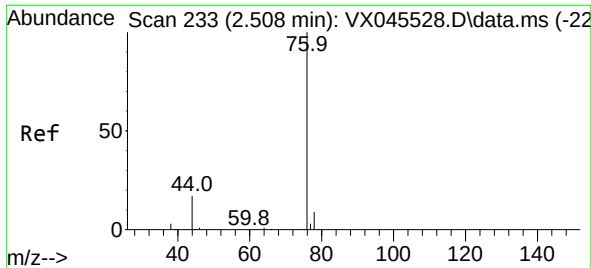
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#16
Acetone
Concen: 98.132 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Tgt Ion: 43 Resp: 71206
Ion Ratio Lower Upper
43 100
58 27.2 22.3 33.5





#17

Carbon Disulfide

Concen: 14.436 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tgt Ion: 76 Resp: 41359

Ion Ratio Lower Upper

76 100

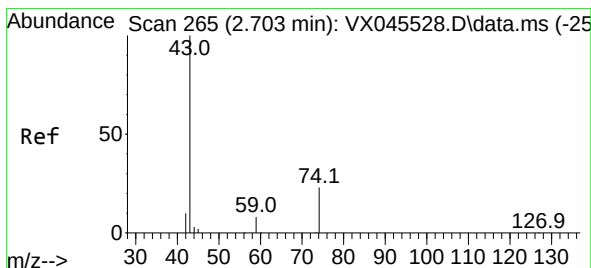
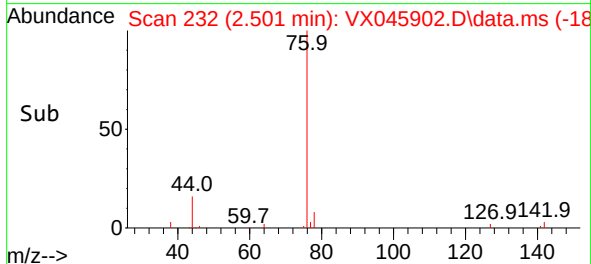
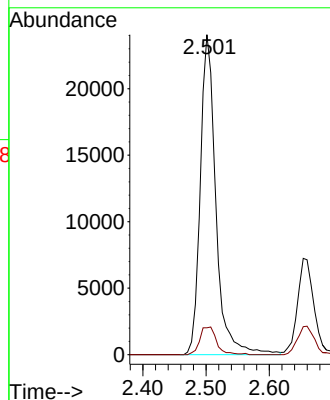
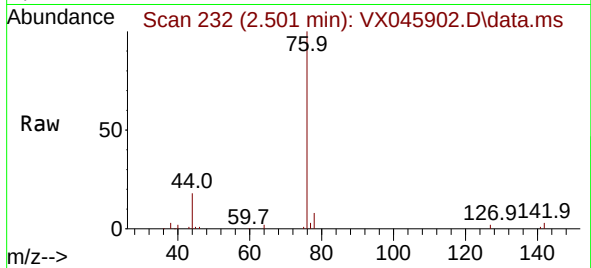
78 8.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#18

Methyl Acetate

Concen: 23.864 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045902.D

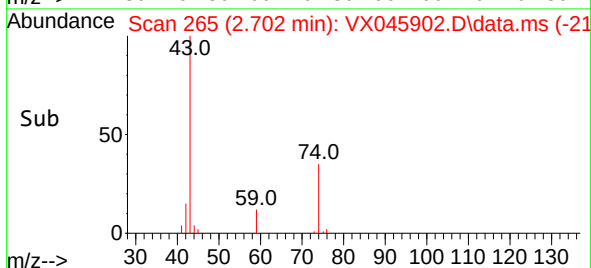
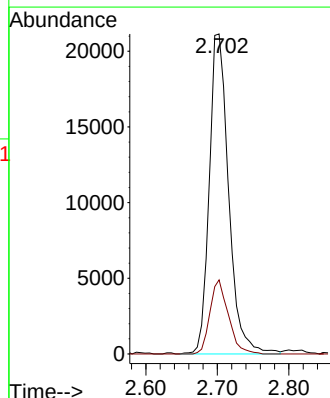
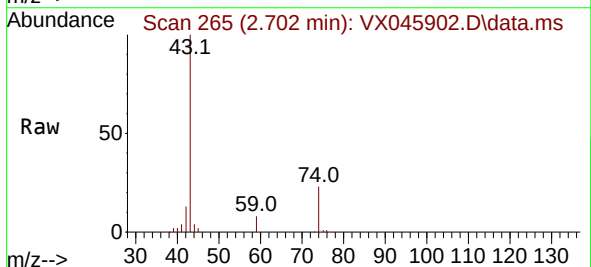
Acq: 23 Apr 2025 11:05

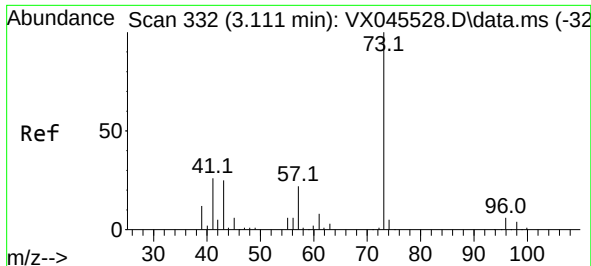
Tgt Ion: 43 Resp: 39868

Ion Ratio Lower Upper

43 100

74 22.0 17.5 26.3





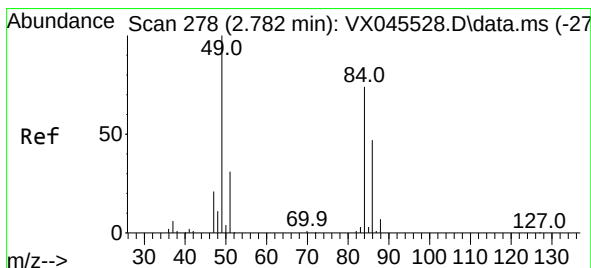
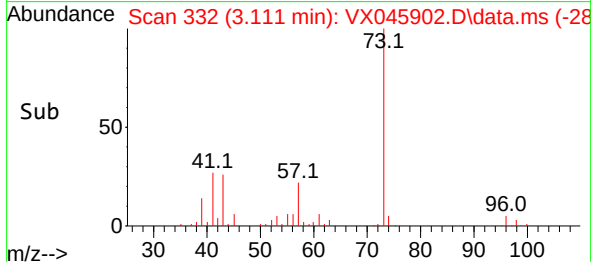
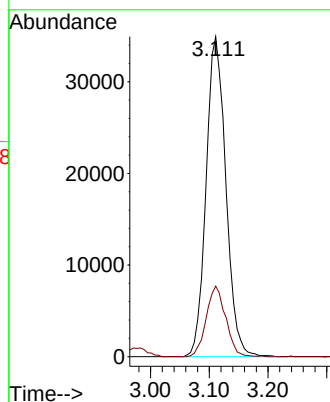
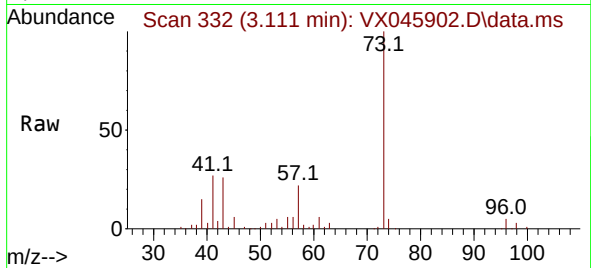
#19
Methyl tert-butyl Ether
Concen: 20.115 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tgt Ion: 73 Resp: 81629
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

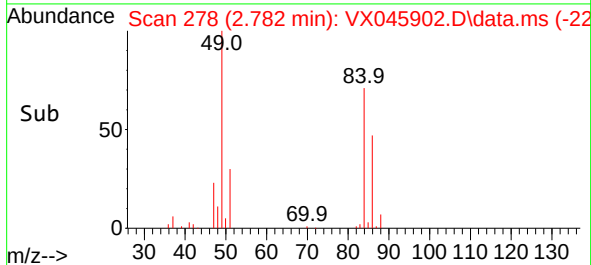
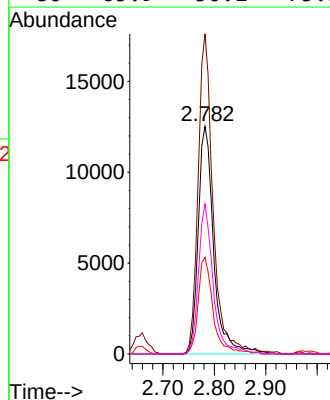
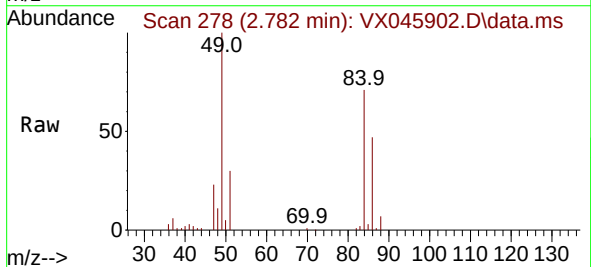
Manual Integrations
APPROVED

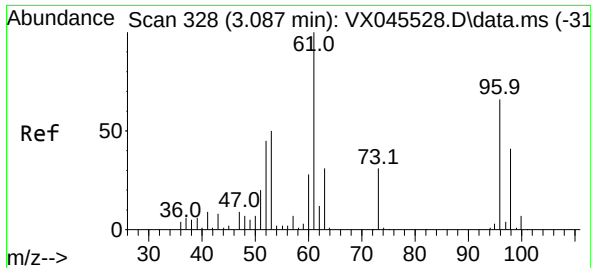
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Methylene Chloride
Concen: 19.337 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

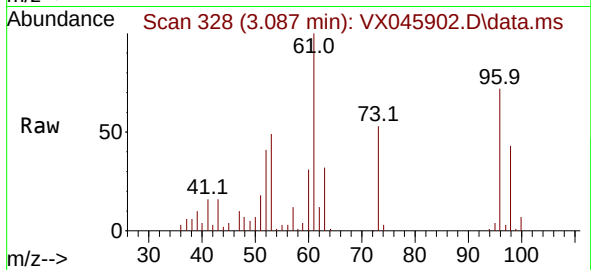
Tgt Ion: 84 Resp: 26268
Ion Ratio Lower Upper
84 100
49 140.6 107.5 161.3
51 42.5 33.0 49.6
86 65.9 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 18.151 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

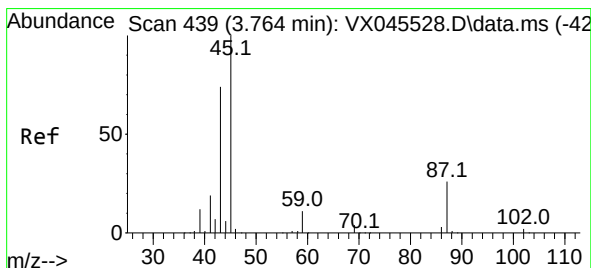
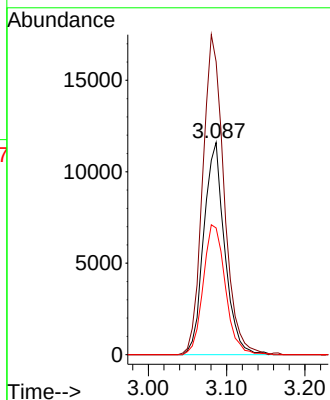
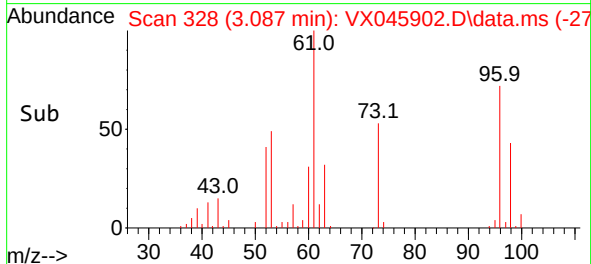
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



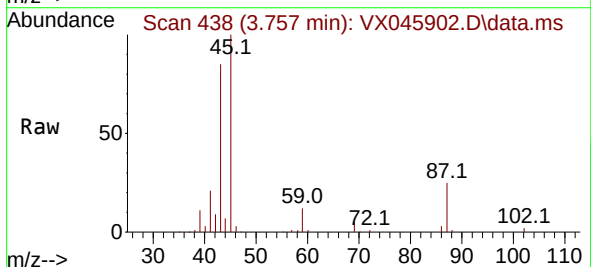
Tgt Ion: 96 Resp: 2151
Ion Ratio Lower Upper
96 100
61 138.1 121.0 181.6
98 59.7 49.7 74.5

Manual Integrations
APPROVED

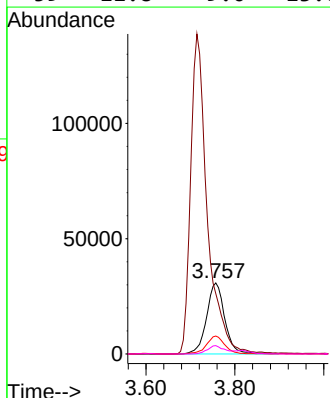
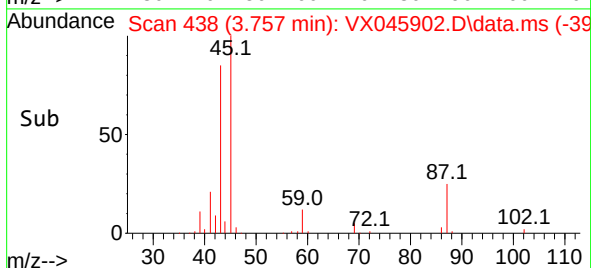
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

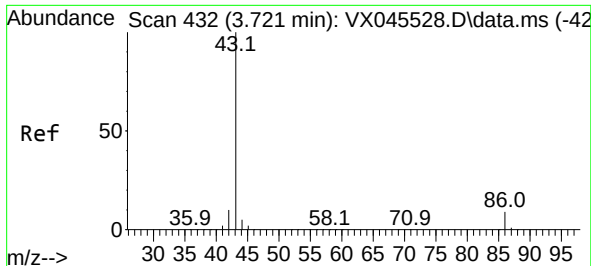


#22
Diisopropyl ether
Concen: 20.287 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05



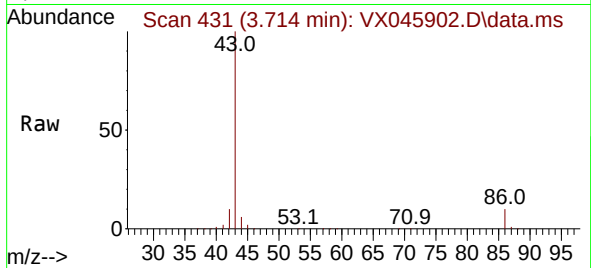
Tgt Ion: 45 Resp: 87958
Ion Ratio Lower Upper
45 100
43 84.4 59.3 88.9
87 25.3 20.4 30.6
59 11.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 96.754 ug/l
 RT: 3.714 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX045902.D
 Acq: 23 Apr 2025 11:05

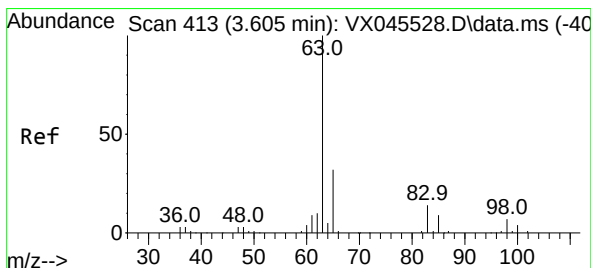
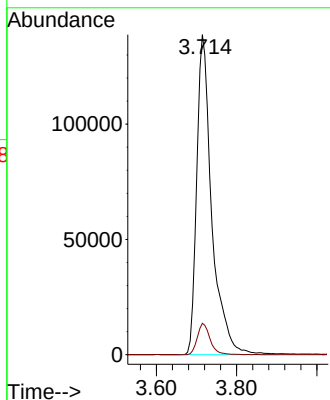
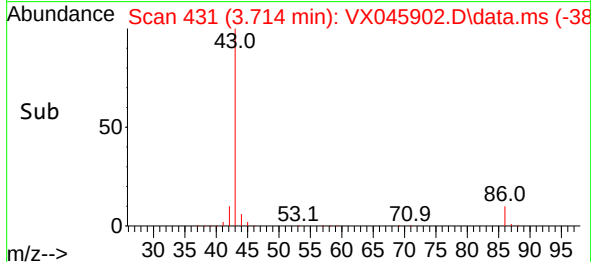
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01



Tgt Ion: 43 Resp: 36244
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.5 11.3

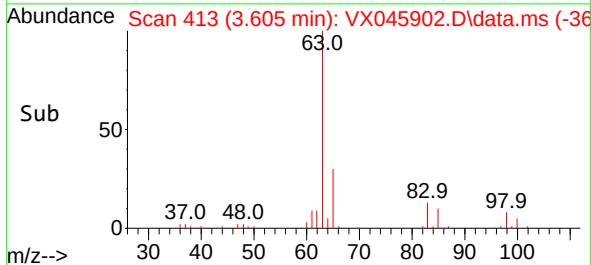
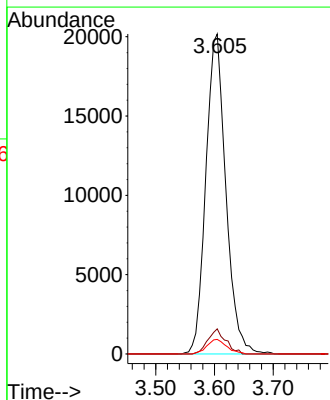
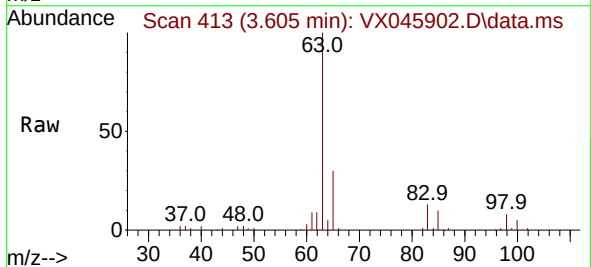
Manual Integrations
 APPROVED

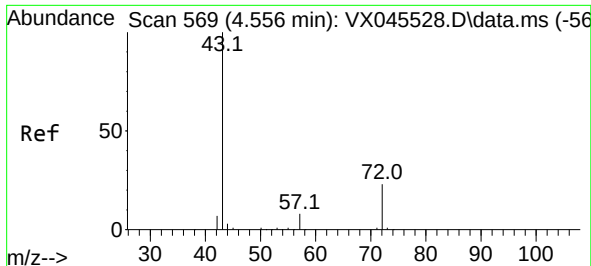
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#24
 1,1-Dichloroethane
 Concen: 19.463 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045902.D
 Acq: 23 Apr 2025 11:05

Tgt Ion: 63 Resp: 47724
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.4 10.1
 100 4.6 2.2 6.6





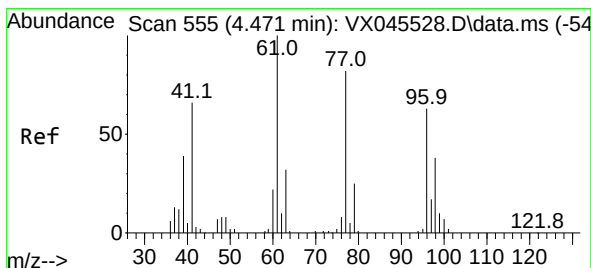
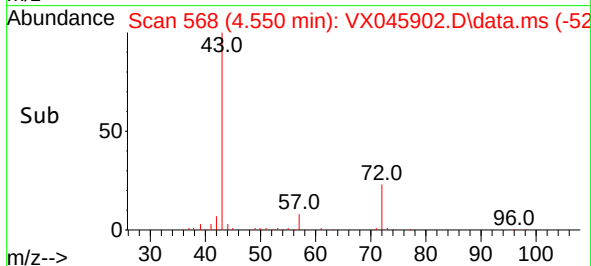
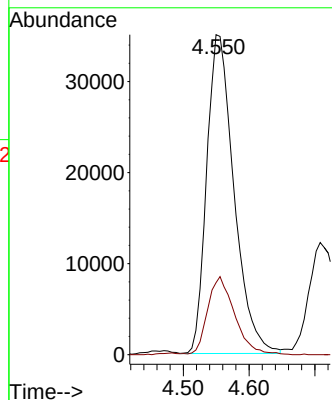
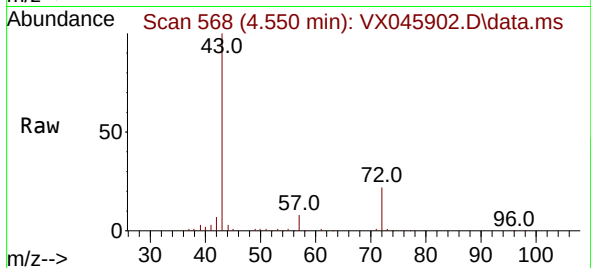
#25
2-Butanone
Concen: 95.139 ug/l
RT: 4.550 min Scan# 510
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tgt Ion: 43 Resp: 10105
Ion Ratio Lower Upper
43 100
72 22.3 18.6 28.0

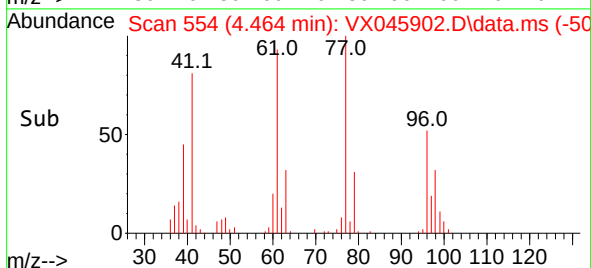
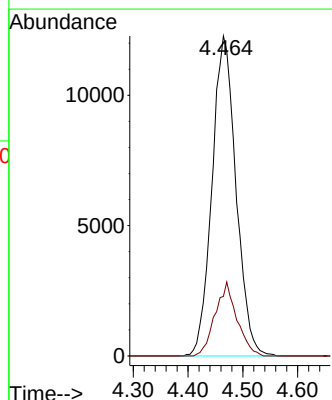
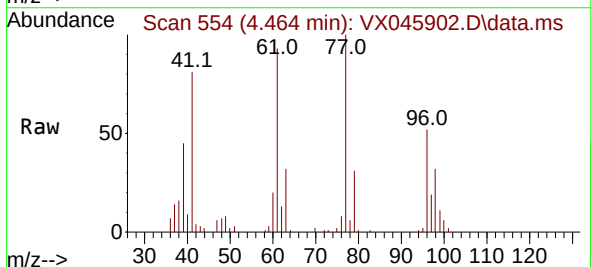
Manual Integrations
APPROVED

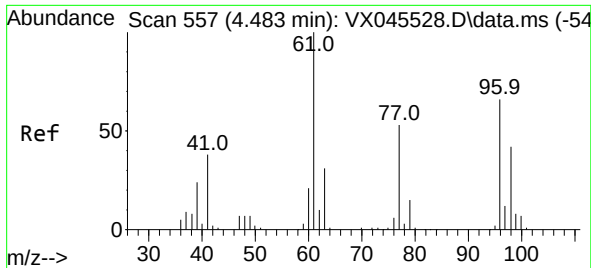
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#26
2,2-Dichloropropane
Concen: 23.574 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Tgt Ion: 77 Resp: 37347
Ion Ratio Lower Upper
77 100
97 20.9 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 19.204 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tgt Ion: 96 Resp: 27728

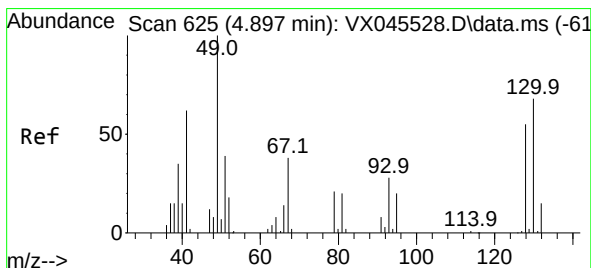
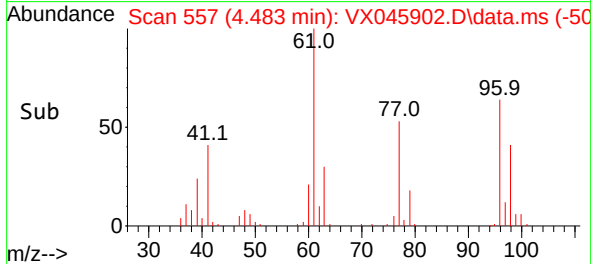
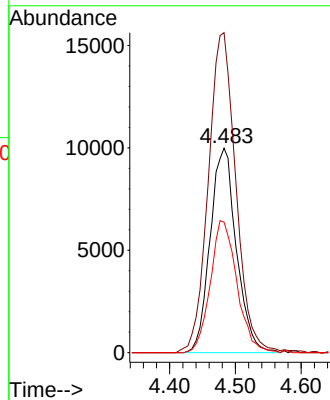
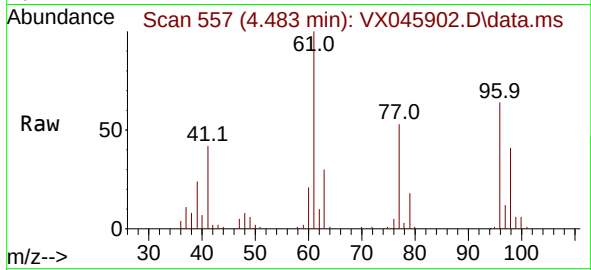
Ion	Ratio	Lower	Upper
96	100		
61	164.6	0.0	313.2
98	65.5	0.0	126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#28

Bromochloromethane

Concen: 23.505 ug/l

RT: 4.891 min Scan# 624

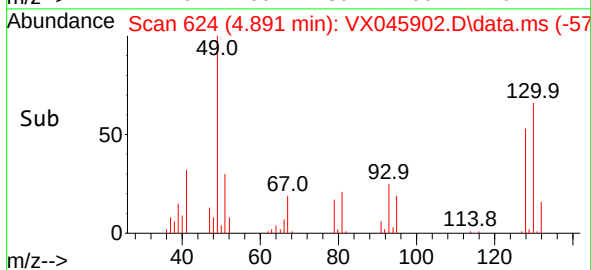
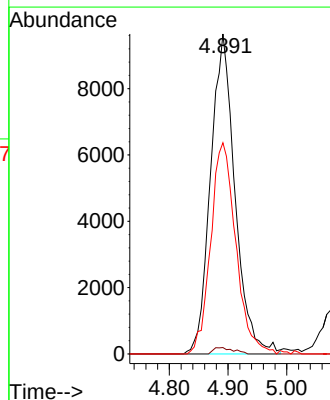
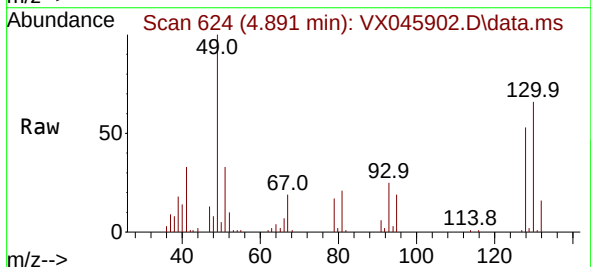
Delta R.T. -0.006 min

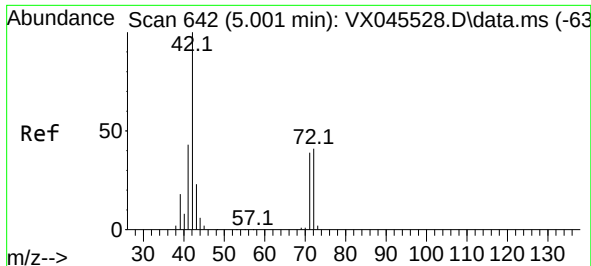
Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Tgt Ion: 49 Resp: 27852

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	67.9	54.6	81.8





#29

Tetrahydrofuran

Concen: 90.118 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tgt Ion: 42 Resp: 62058

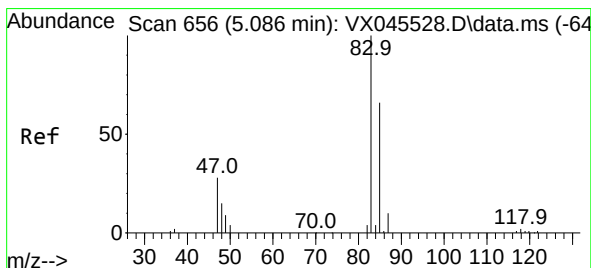
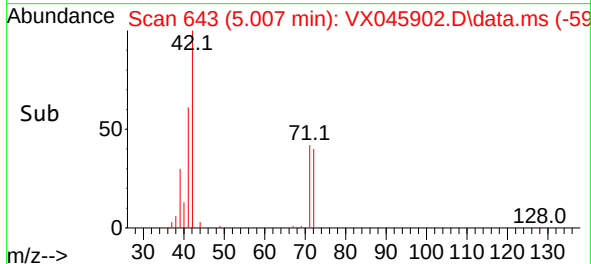
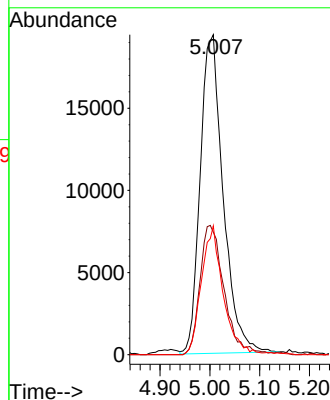
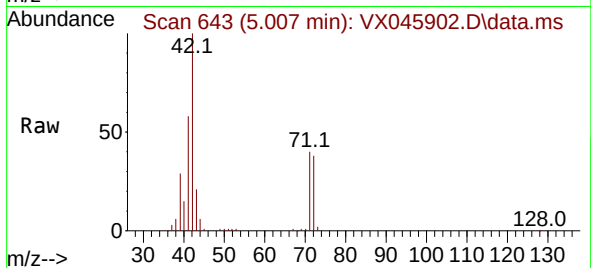
Ion	Ratio	Lower	Upper
42	100		
72	42.6	33.4	50.0
71	38.1	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#30

Chloroform

Concen: 20.328 ug/l

RT: 5.086 min Scan# 656

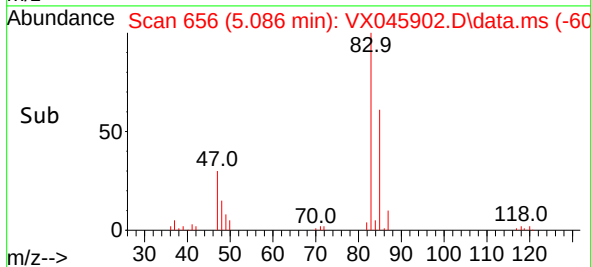
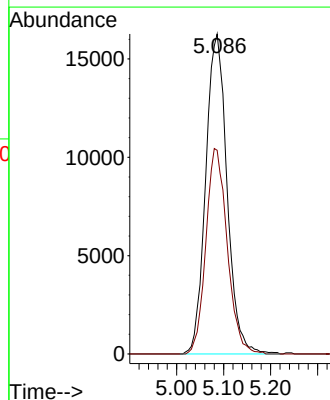
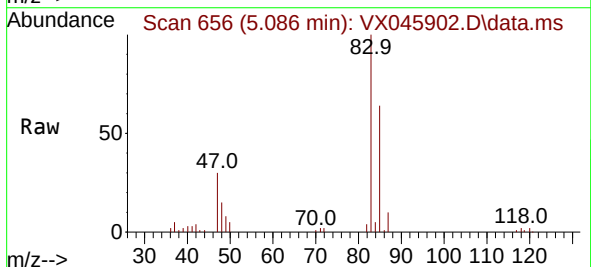
Delta R.T. -0.000 min

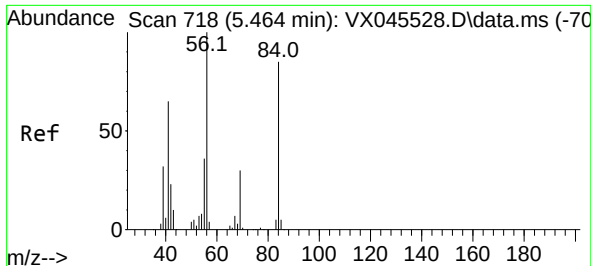
Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Tgt Ion: 83 Resp: 51288

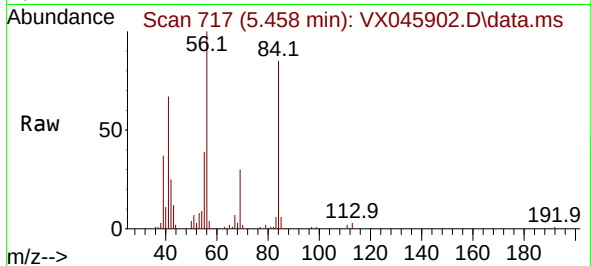
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.8	79.2





#31
Cyclohexane
Concen: 18.274 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

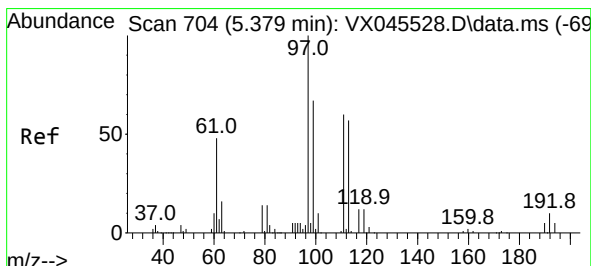
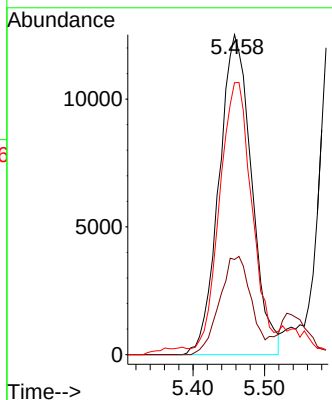
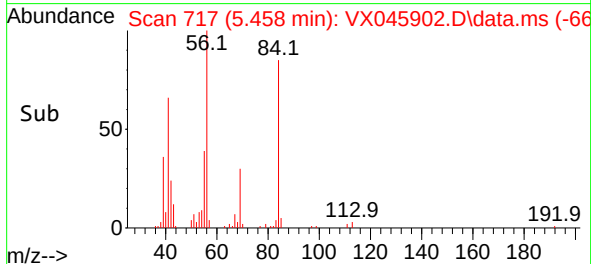
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



Tgt Ion: 56 Resp: 3961
Ion Ratio Lower Upper
56 100
69 29.8 23.6 35.4
84 82.9 67.7 101.5

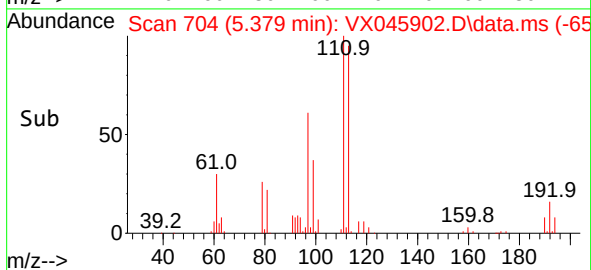
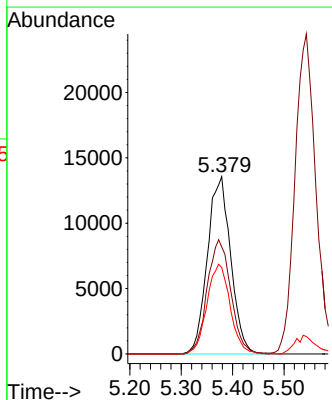
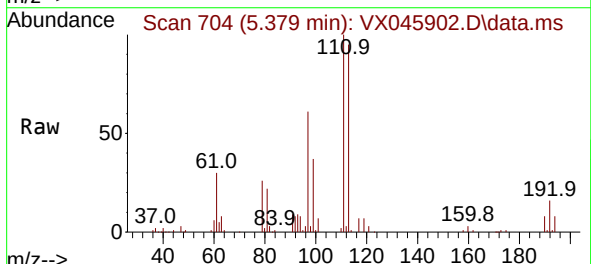
Manual Integrations
APPROVED

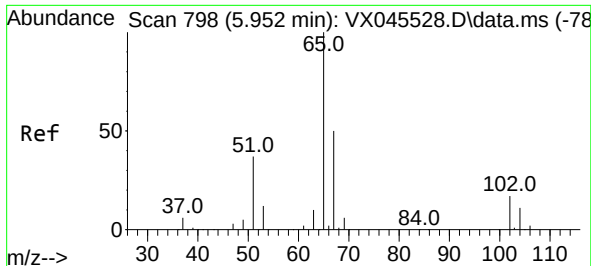
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#32
1,1,1-Trichloroethane
Concen: 19.995 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Tgt Ion: 97 Resp: 42688
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 50.3 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 54.038 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tgt Ion: 65 Resp: 95490

Ion Ratio Lower Upper

65 100

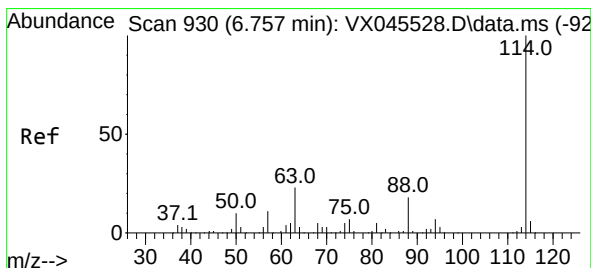
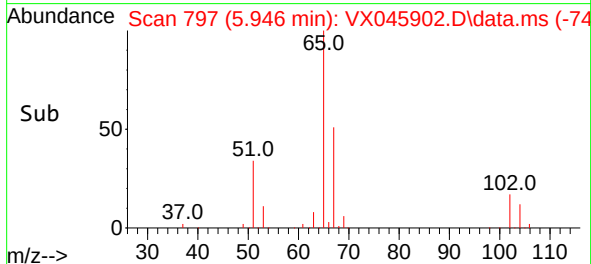
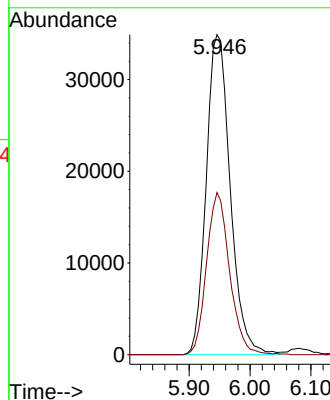
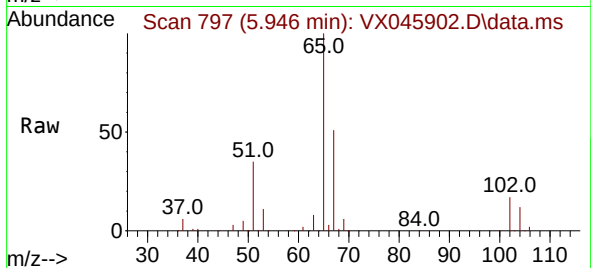
67 48.7 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

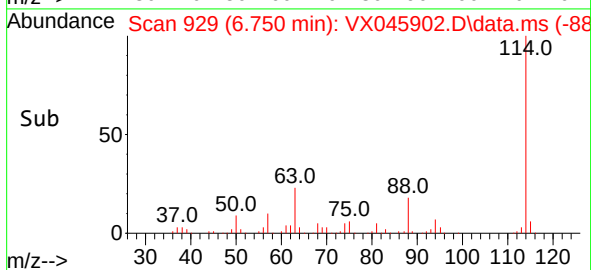
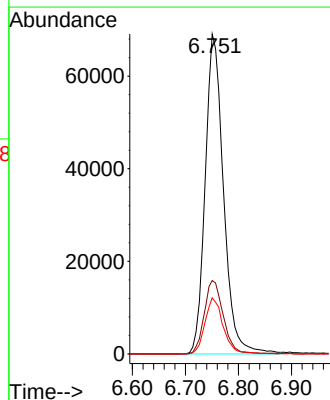
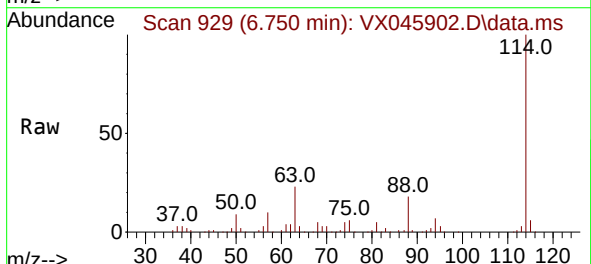
Tgt Ion:114 Resp: 166044

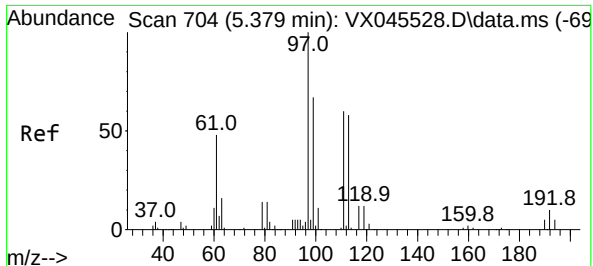
Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.8

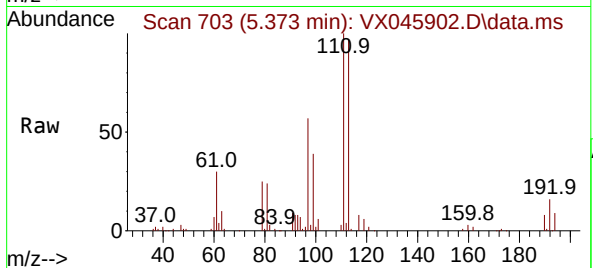
88 17.6 0.0 35.4





#35
Dibromofluoromethane
Concen: 55.173 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

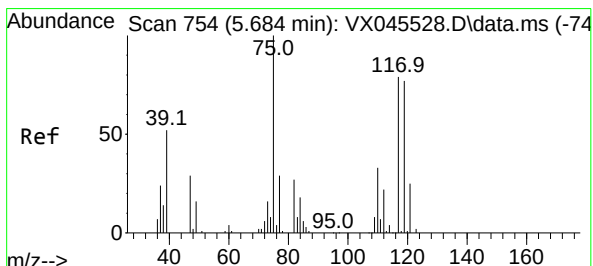
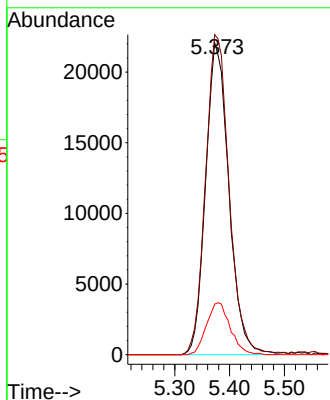
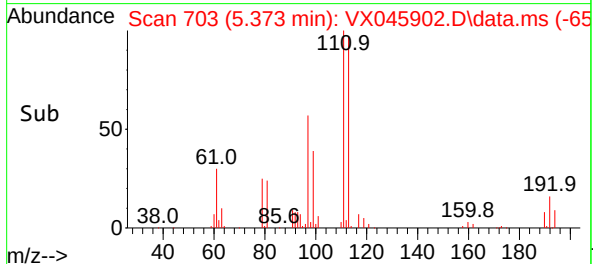
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



Tgt Ion: 113 Resp: 6499
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.6
192 17.0 13.8 20.6

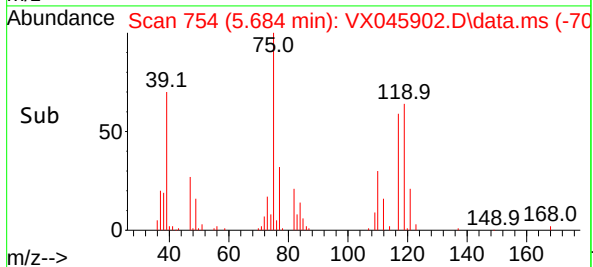
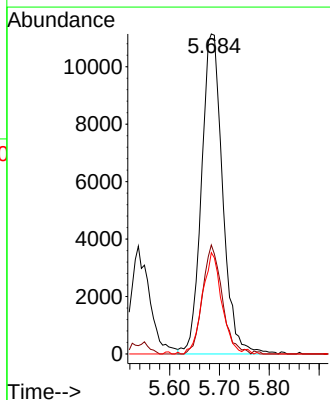
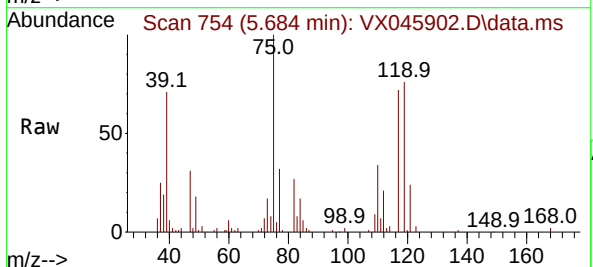
Manual Integrations
APPROVED

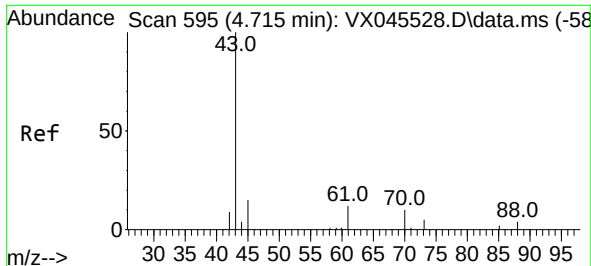
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#36
1,1-Dichloropropene
Concen: 20.637 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Tgt Ion: 75 Resp: 32827
Ion Ratio Lower Upper
75 100
110 31.6 16.9 50.6
77 29.1 25.0 37.4





#37

Ethyl Acetate

Concen: 18.979 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tgt Ion: 43 Resp: 3804

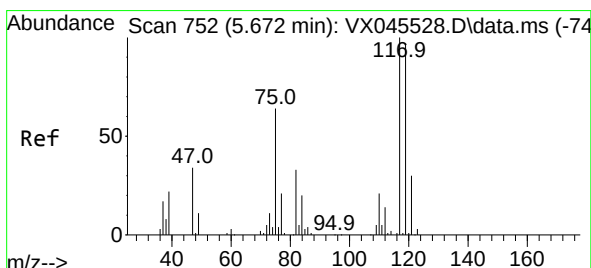
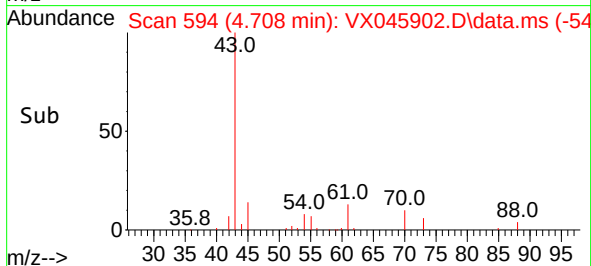
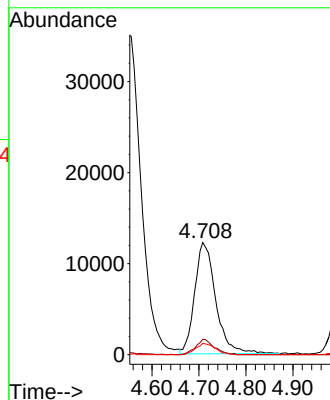
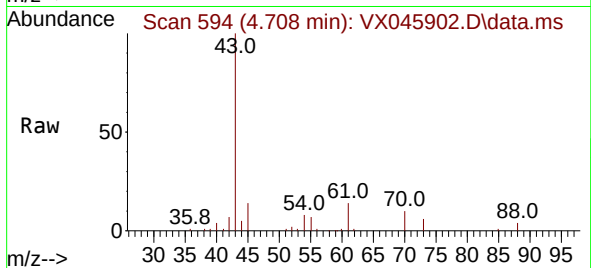
Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.9	14.9
70	9.4	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#38

Carbon Tetrachloride

Concen: 21.240 ug/l

RT: 5.671 min Scan# 752

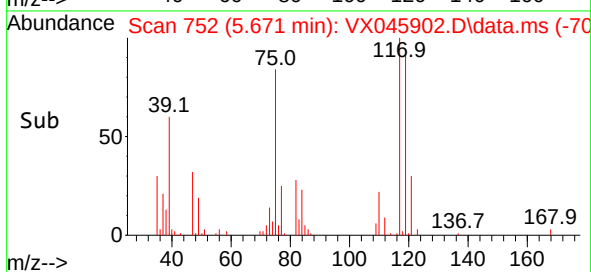
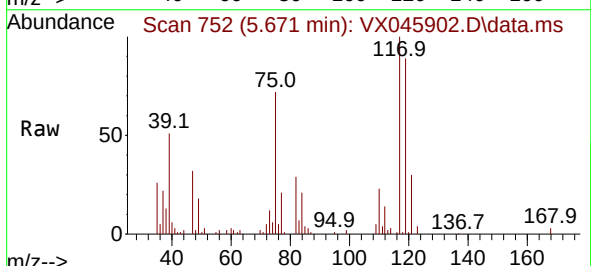
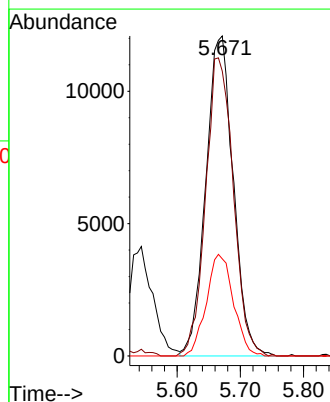
Delta R.T. -0.000 min

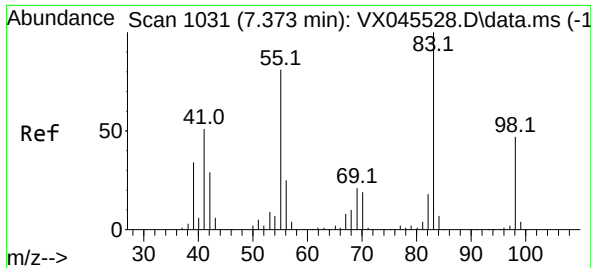
Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Tgt Ion:117 Resp: 36514

Ion	Ratio	Lower	Upper
117	100		
119	89.0	76.9	115.3
121	30.3	24.2	36.2





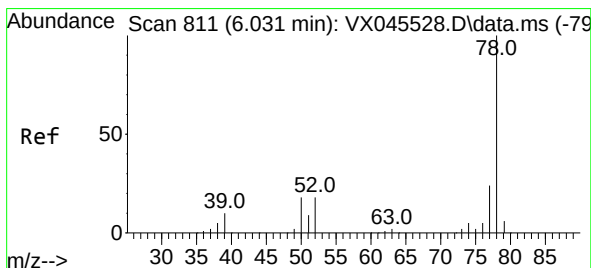
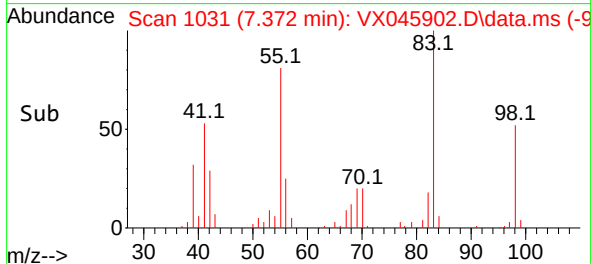
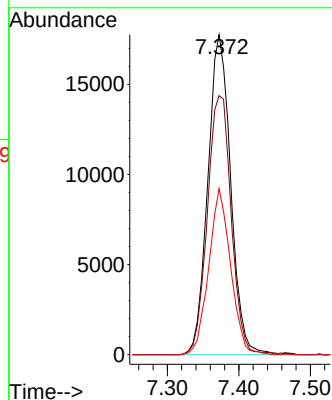
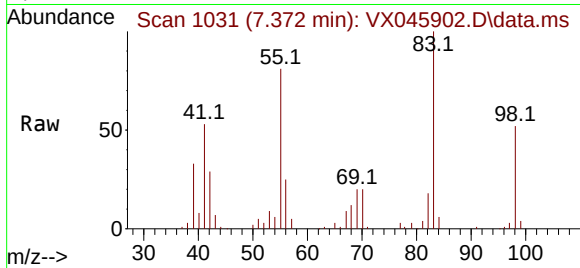
#39
Methylcyclohexane
Concen: 20.196 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tgt Ion: 83 Resp: 39378
Ion Ratio Lower Upper
83 100
55 81.0 64.9 97.3
98 51.9 37.4 56.0

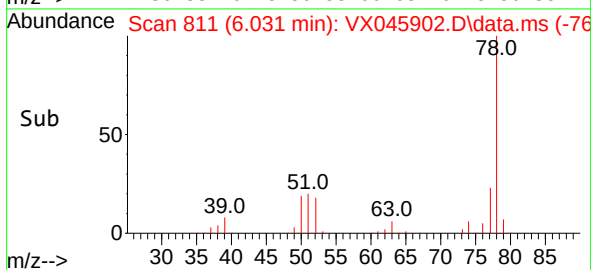
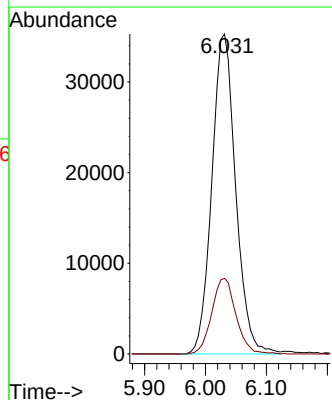
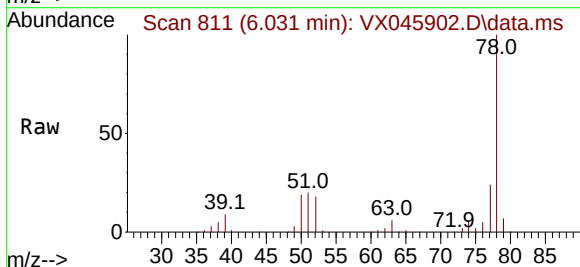
Manual Integrations
APPROVED

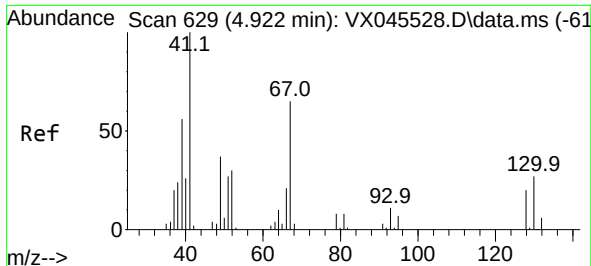
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#40
Benzene
Concen: 19.753 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

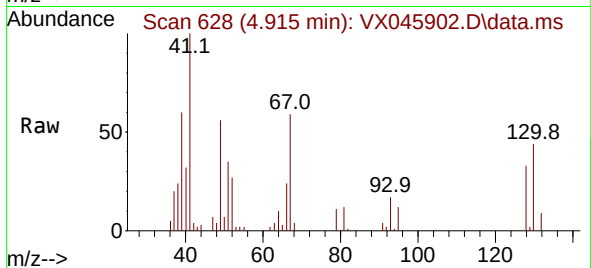
Tgt Ion: 78 Resp: 95958
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 20.597 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

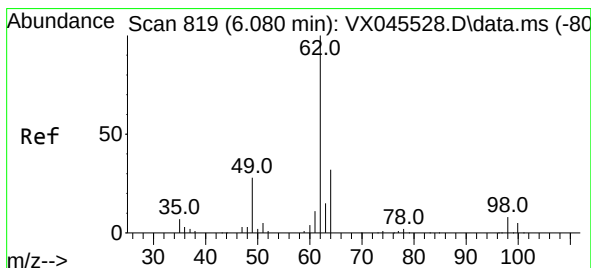
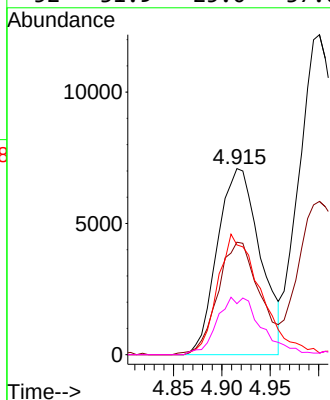
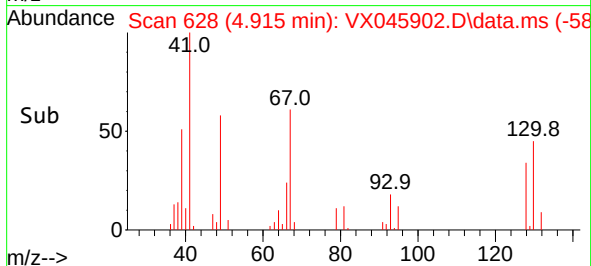
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



Tgt Ion: 41 Resp: 2178
Ion Ratio Lower Upper
41 100
39 59.2 47.0 70.6
67 65.9 53.2 79.8
52 31.9 25.0 37.6

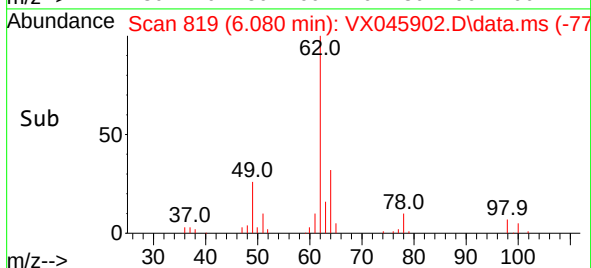
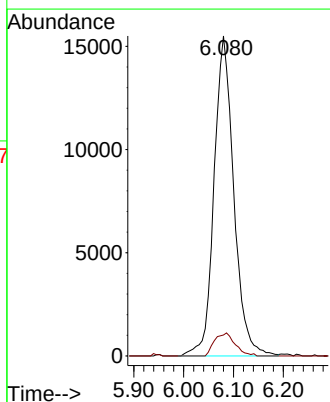
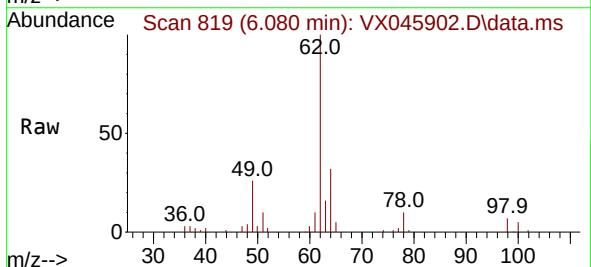
Manual Integrations
APPROVED

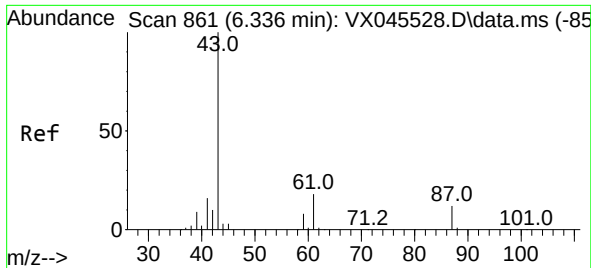
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#42
1,2-Dichloroethane
Concen: 21.260 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

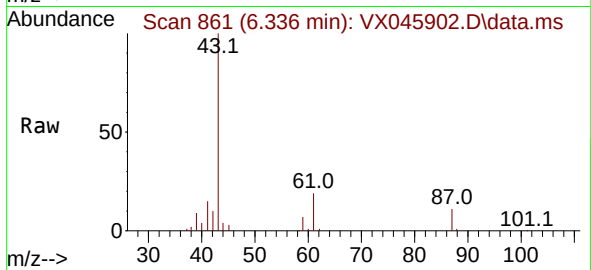
Tgt Ion: 62 Resp: 42658
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.2





#43
Isopropyl Acetate
Concen: 20.690 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

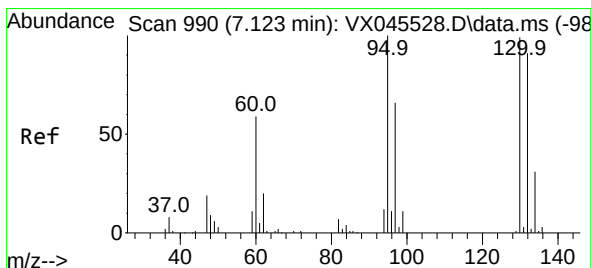
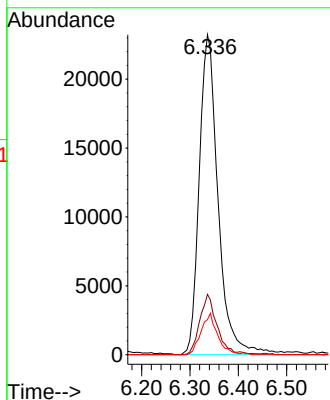
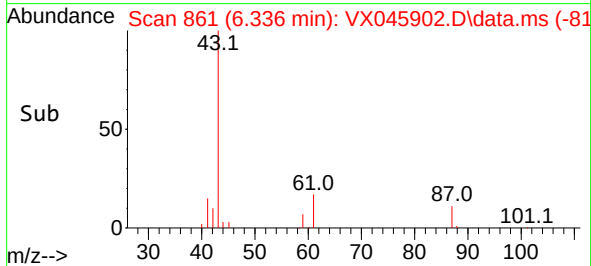
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



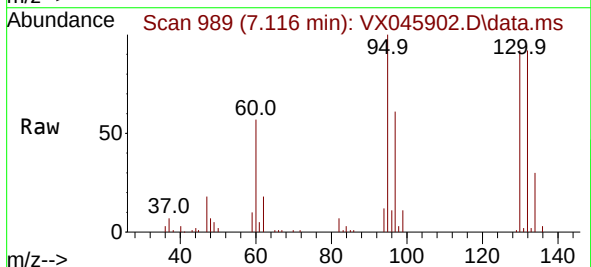
Tgt Ion: 43 Resp: 6286
Ion Ratio Lower Upper
43 100
61 17.4 14.1 21.1
87 11.2 9.2 13.8

Manual Integrations
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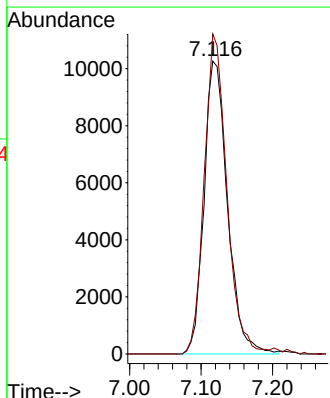
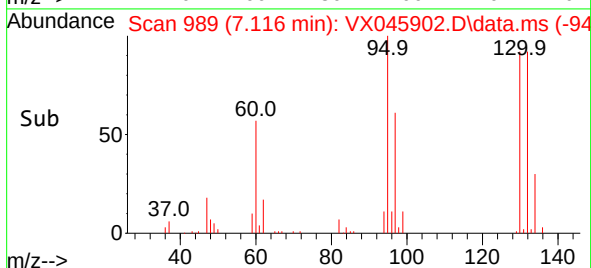
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

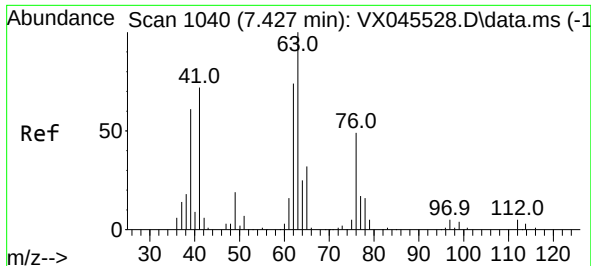


#44
Trichloroethene
Concen: 20.298 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05



Tgt Ion:130 Resp: 23438
Ion Ratio Lower Upper
130 100
95 109.3 0.0 202.0





#45

1,2-Dichloropropane

Concen: 20.579 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

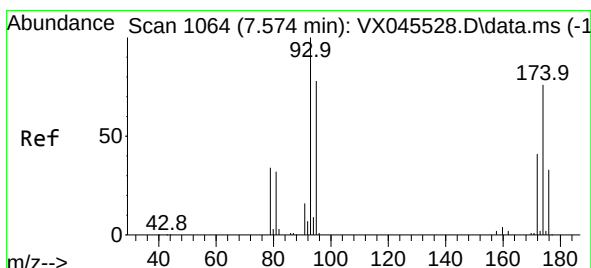
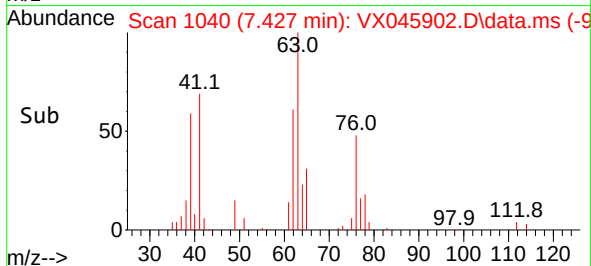
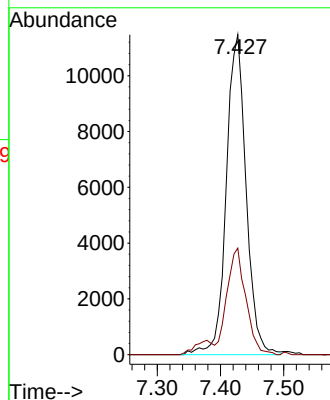
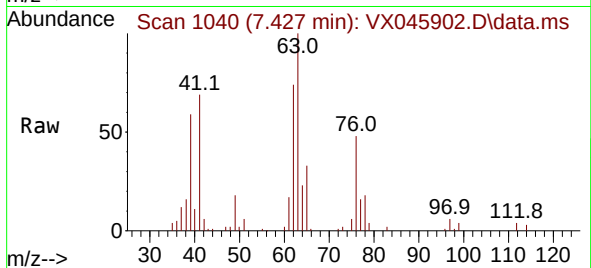
Tgt Ion: 63 Resp: 24944
 Ion Ratio Lower Upper
 63 100
 65 33.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#46

Dibromomethane

Concen: 20.620 ug/l

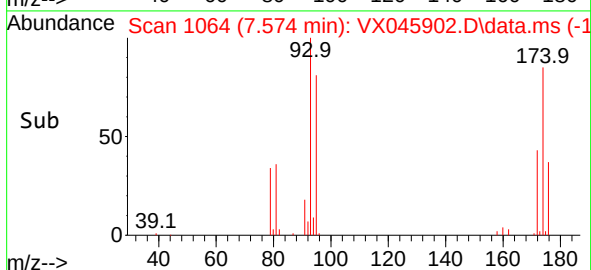
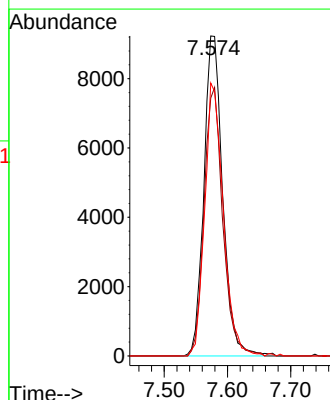
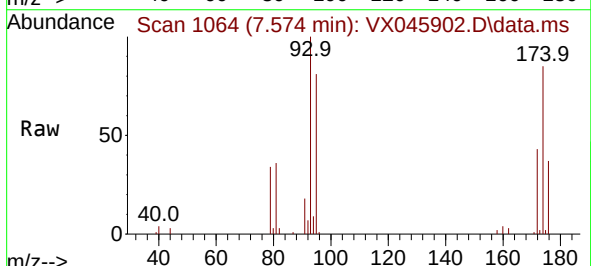
RT: 7.574 min Scan# 1064

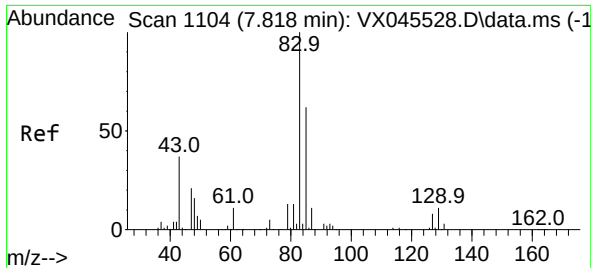
Delta R.T. -0.000 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Tgt Ion: 93 Resp: 19186
 Ion Ratio Lower Upper
 93 100
 95 83.3 64.8 97.2
 174 84.2 65.4 98.0





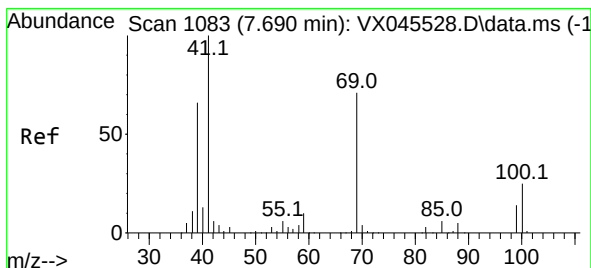
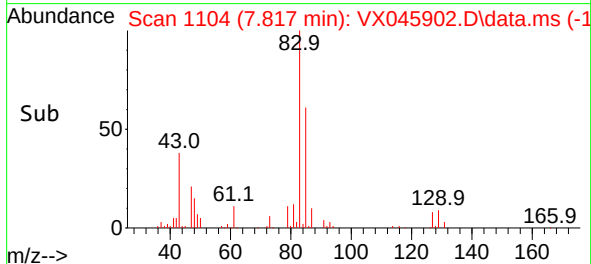
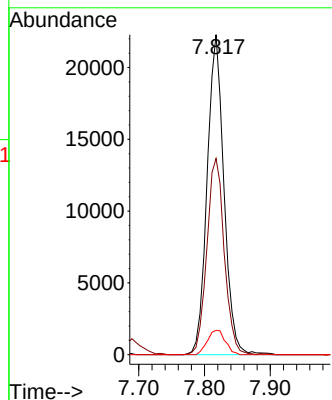
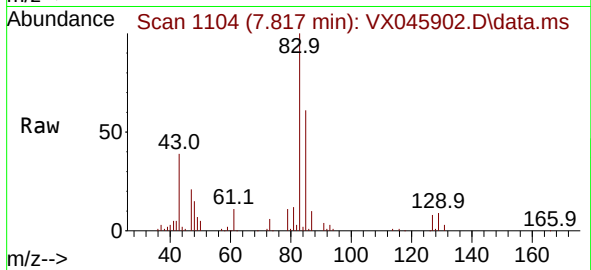
#47
Bromodichloromethane
Concen: 21.311 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tgt Ion: 83 Resp: 39600
Ion Ratio Lower Upper
83 100
85 61.3 49.7 74.5
127 7.6 6.1 9.1

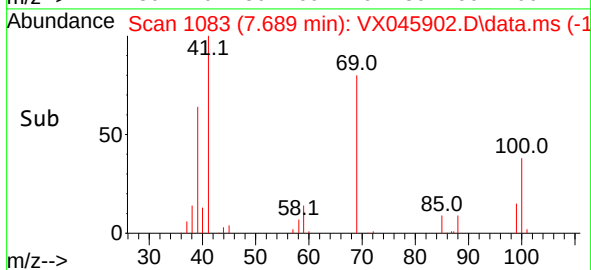
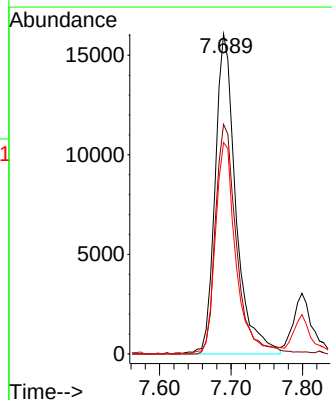
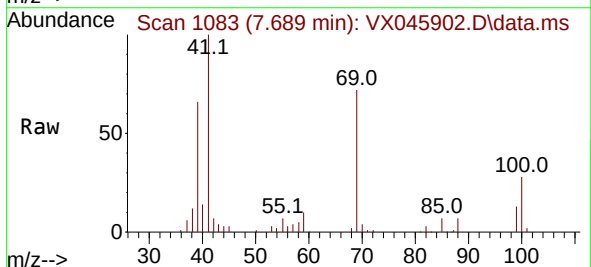
Manual Integrations
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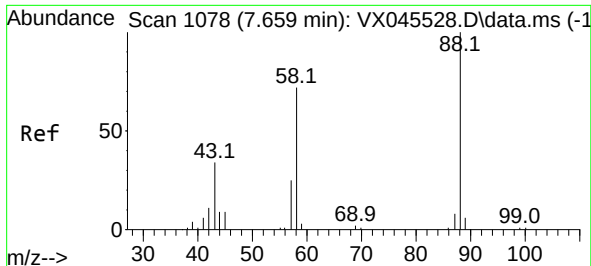
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#48
Methyl methacrylate
Concen: 20.658 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Tgt Ion: 41 Resp: 32405
Ion Ratio Lower Upper
41 100
69 73.2 58.2 87.2
39 65.3 53.6 80.4





#49

1,4-Dioxane

Concen: 382.296 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

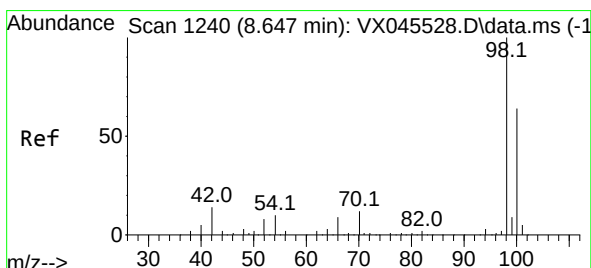
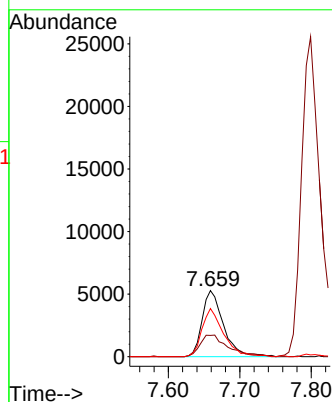
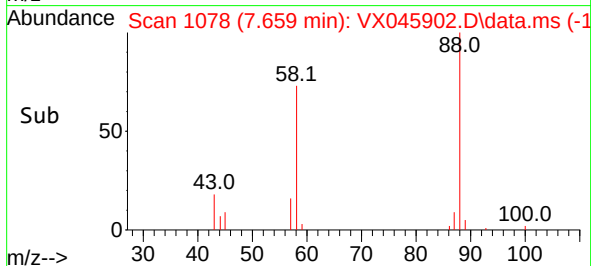
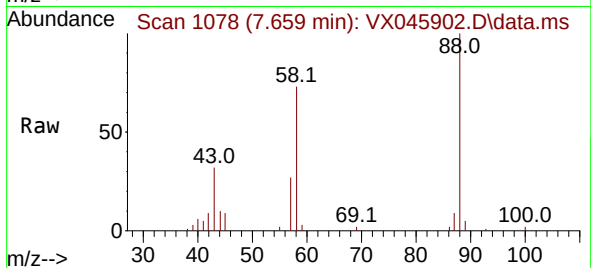
Tgt Ion: 88 Resp: 10850
 Ion Ratio Lower Upper
 88 100
 43 43.7 32.2 48.4
 58 74.1 58.6 88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#50

Toluene-d8

Concen: 53.899 ug/l

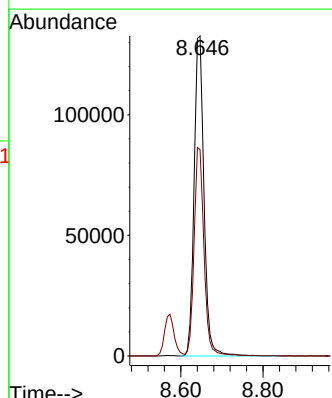
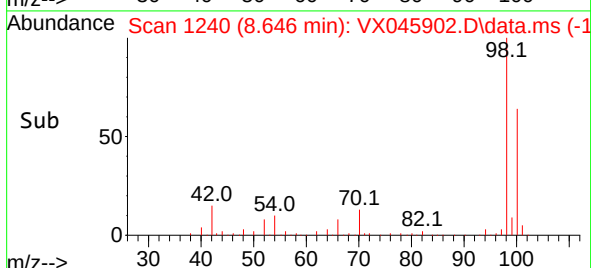
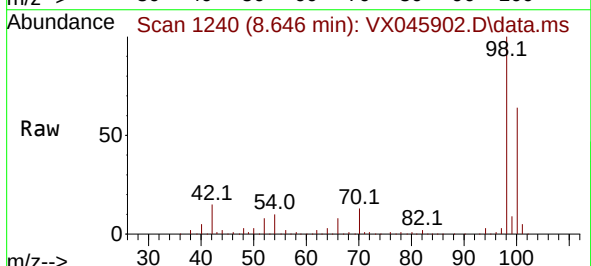
RT: 8.646 min Scan# 1240

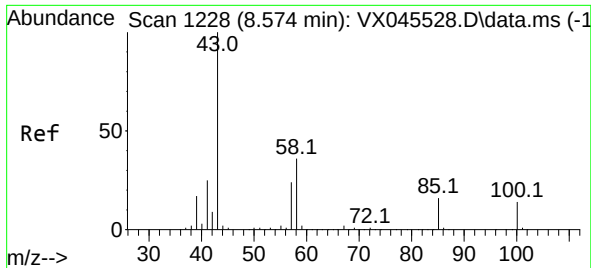
Delta R.T. -0.000 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

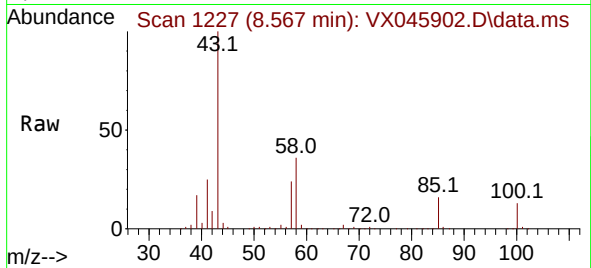
Tgt Ion: 98 Resp: 221631
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 102.271 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

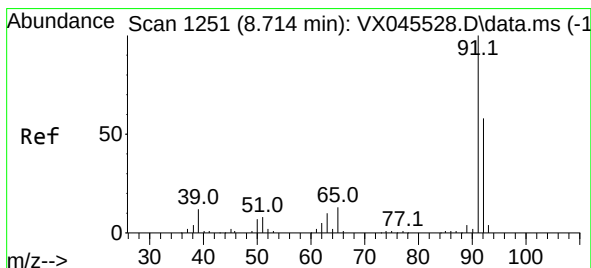
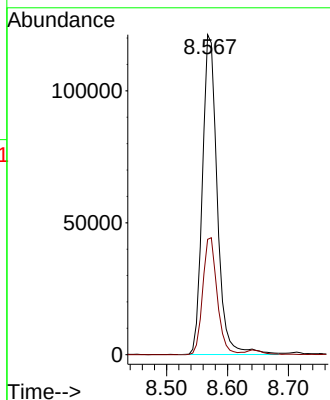
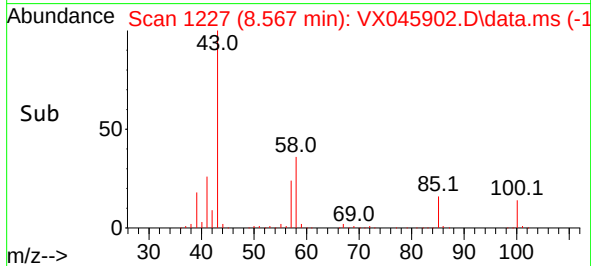
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



Tgt Ion: 43 Resp: 205978
Ion Ratio Lower Upper
43 100
58 35.5 28.5 42.7

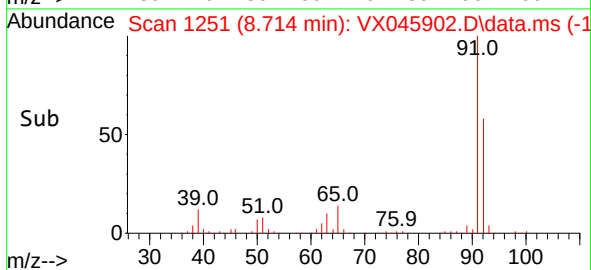
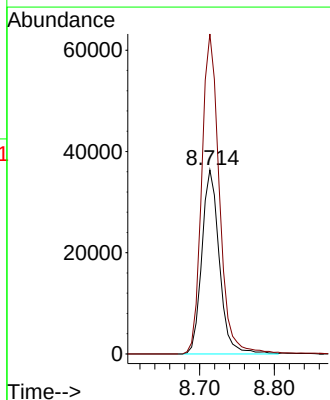
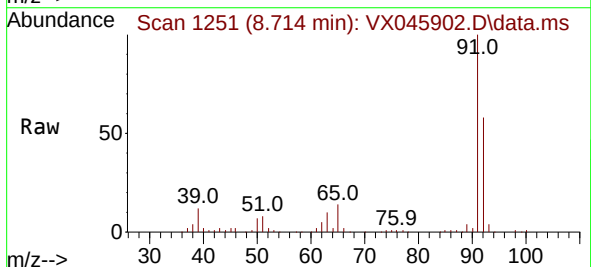
Manual Integrations
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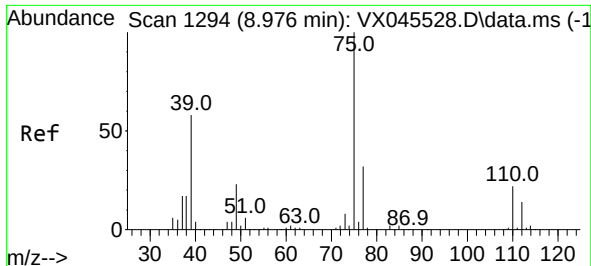
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#52
Toluene
Concen: 20.147 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

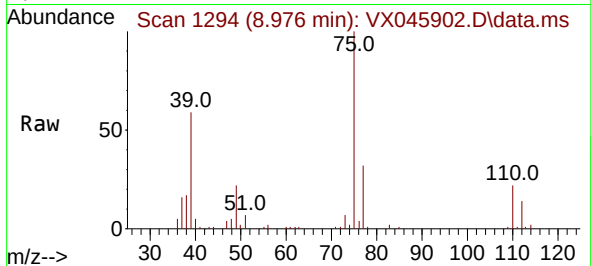
Tgt Ion: 92 Resp: 59223
Ion Ratio Lower Upper
92 100
91 176.1 138.7 208.1





#53
 t-1,3-Dichloropropene
 Concen: 19.778 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX045902.D
 Acq: 23 Apr 2025 11:05

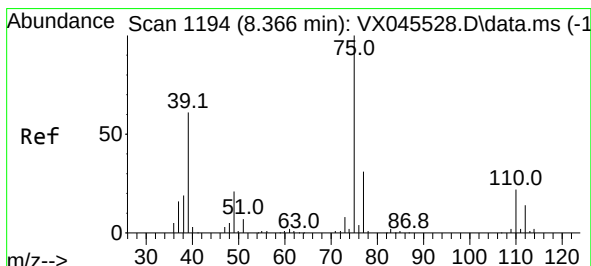
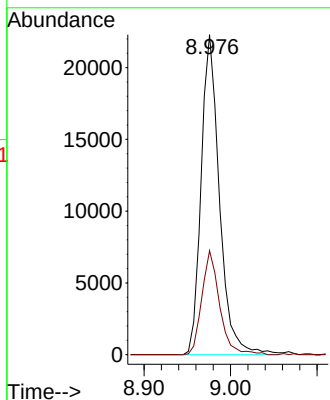
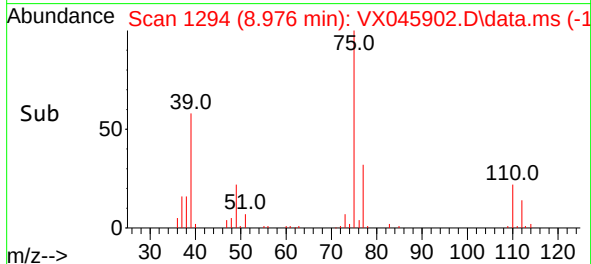
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01



Tgt Ion: 75 Resp: 3275
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0

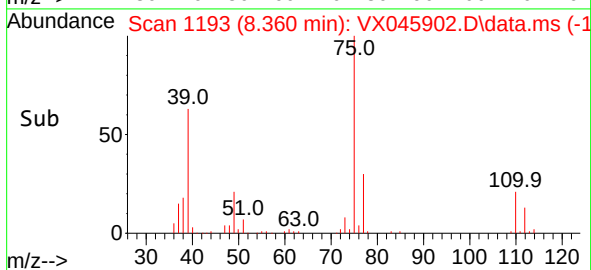
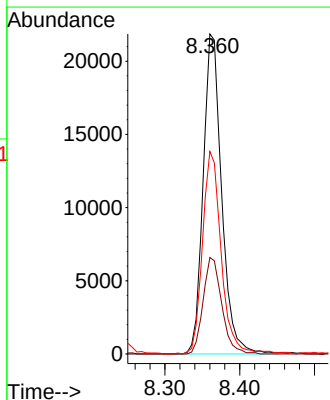
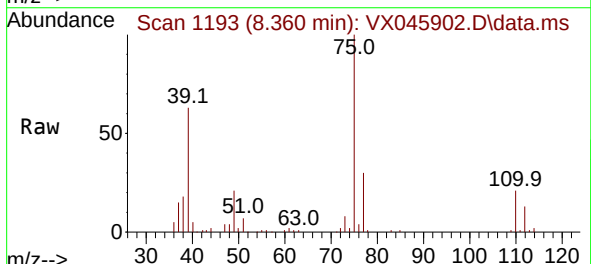
Manual Integrations
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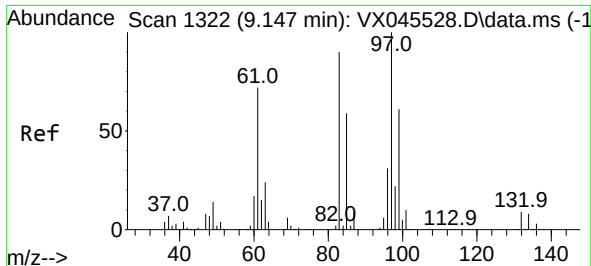
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#54
 cis-1,3-Dichloropropene
 Concen: 21.536 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX045902.D
 Acq: 23 Apr 2025 11:05

Tgt Ion: 75 Resp: 37606
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.6 36.8
 39 63.0 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 21.291 ug/l

RT: 9.146 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

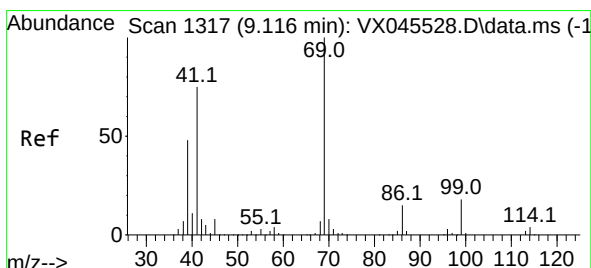
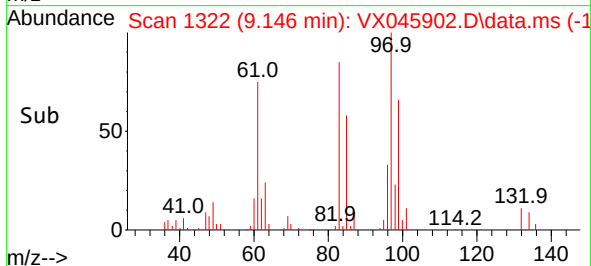
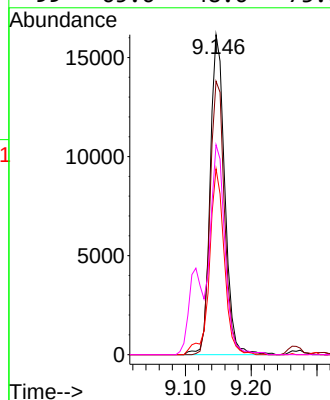
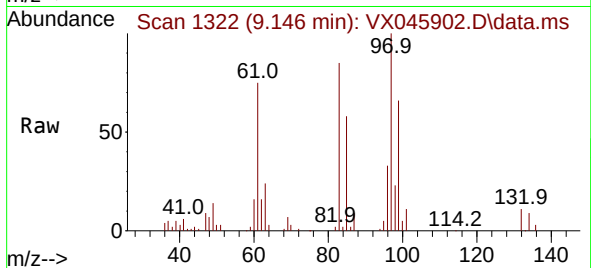
Tgt Ion:	97	Resp:	24940
Ion	Ratio	Lower	Upper
97	100		
83	85.4	71.8	107.8
85	58.1	47.0	70.6
99	65.6	48.6	73.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#56

Ethyl methacrylate

Concen: 21.165 ug/l

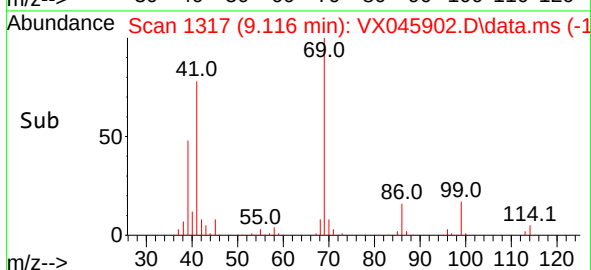
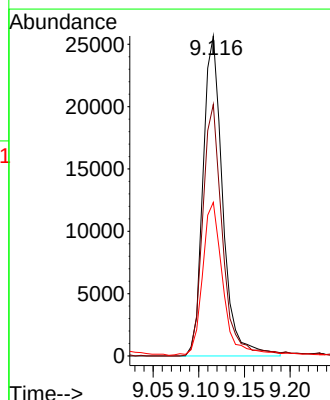
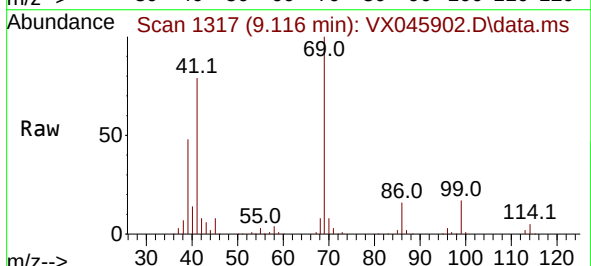
RT: 9.116 min Scan# 1317

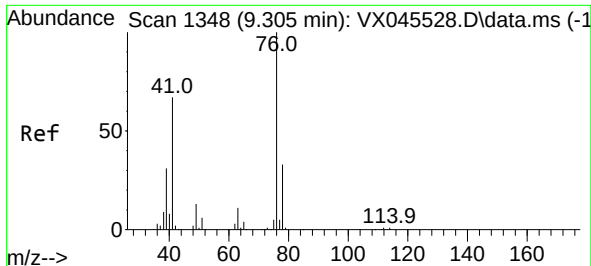
Delta R.T. -0.000 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Tgt Ion:	69	Resp:	38369
Ion	Ratio	Lower	Upper
69	100		
41	79.9	61.3	91.9
39	50.4	40.2	60.2





#57

1,3-Dichloropropane

Concen: 21.374 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

Tgt Ion: 76 Resp: 43599

Ion Ratio Lower Upper

76 100

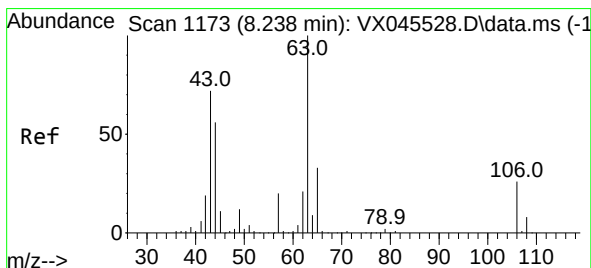
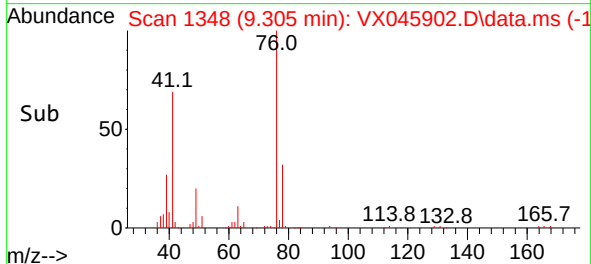
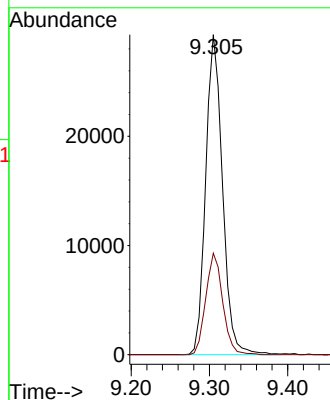
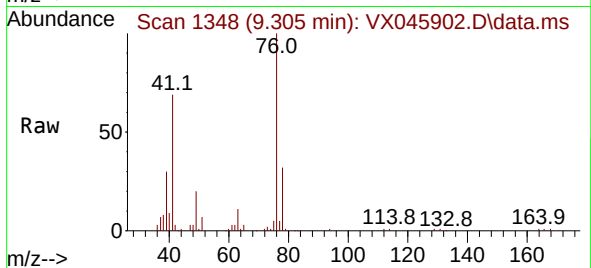
78 32.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#58

2-Chloroethyl Vinyl ether

Concen: 100.368 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045902.D

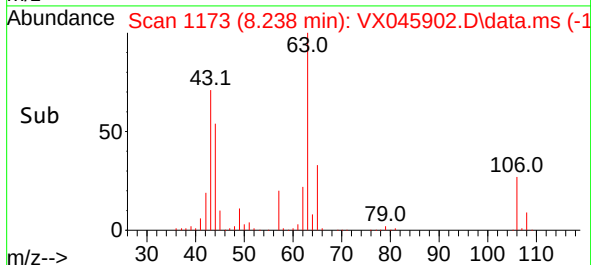
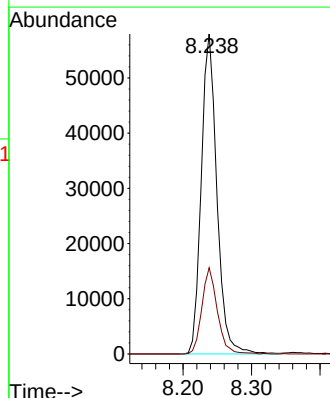
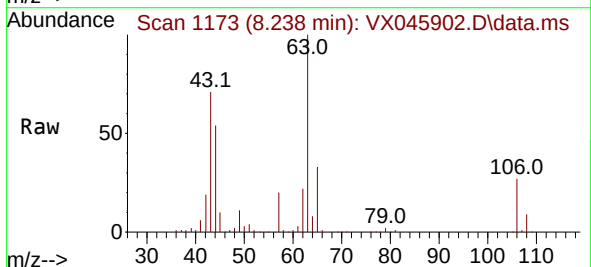
Acq: 23 Apr 2025 11:05

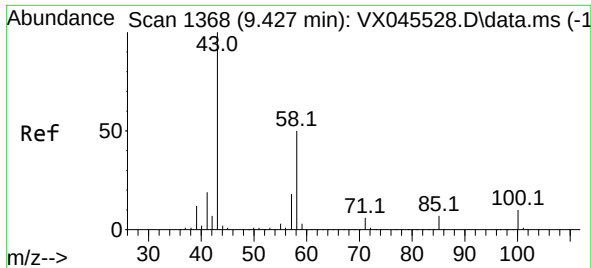
Tgt Ion: 63 Resp: 92045

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.6





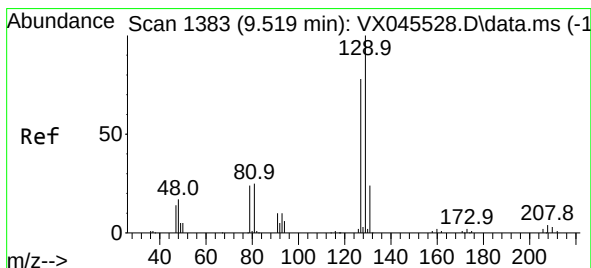
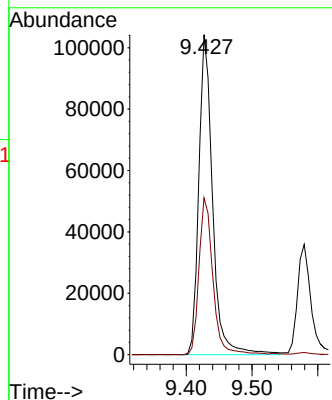
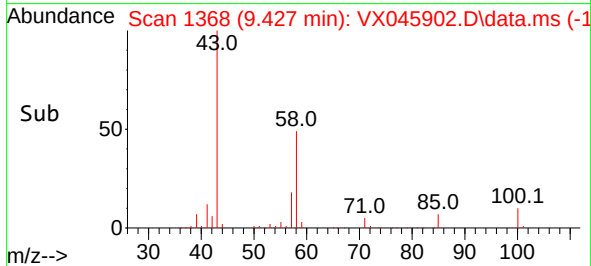
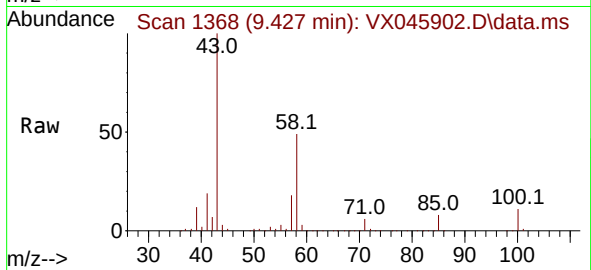
#59
2-Hexanone
Concen: 101.662 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tgt Ion: 43 Resp: 151629
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6

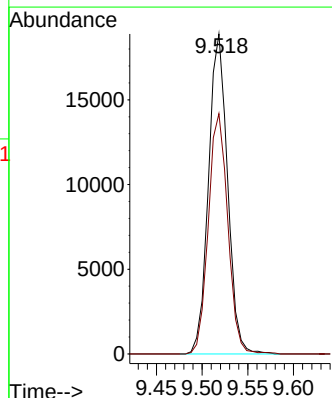
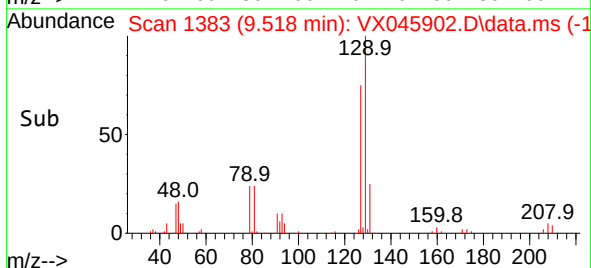
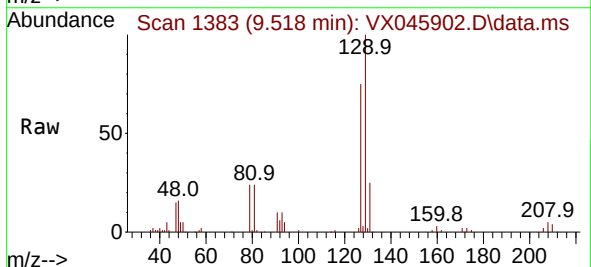
Manual Integrations
APPROVED

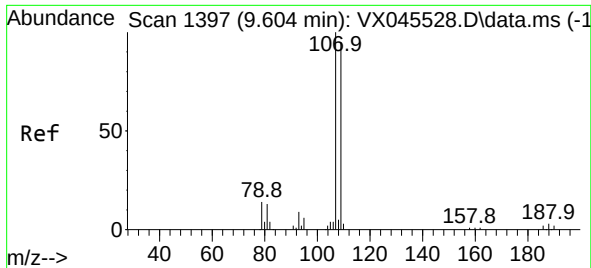
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#60
Dibromochloromethane
Concen: 21.339 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

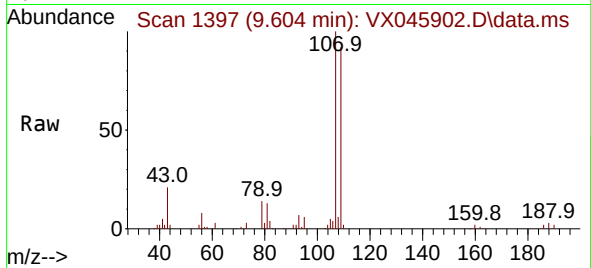
Tgt Ion:129 Resp: 27251
Ion Ratio Lower Upper
129 100
127 76.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 21.263 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

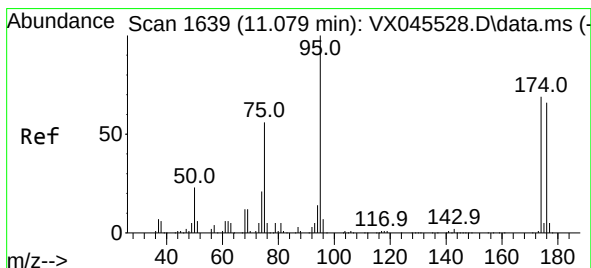
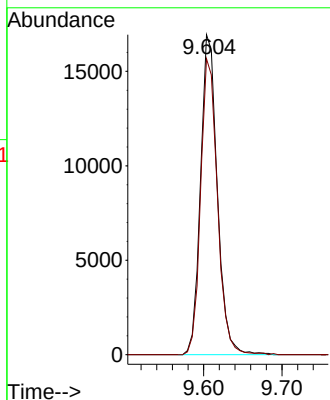
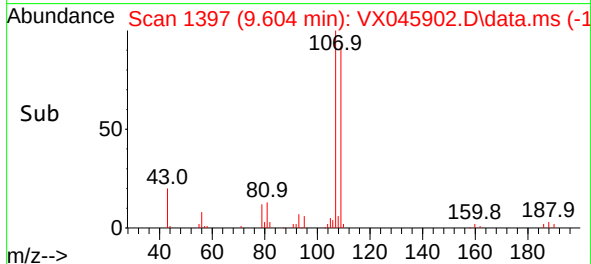
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



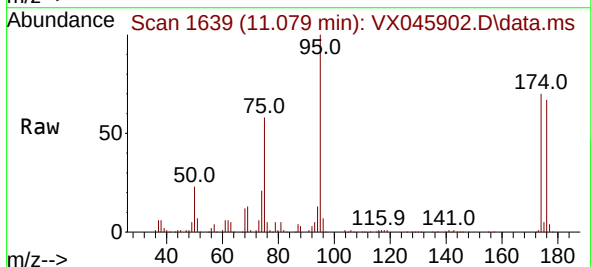
Tgt Ion:107 Resp: 2521
Ion Ratio Lower Upper
107 100
109 92.8 75.7 113.5

Manual Integrations
APPROVED

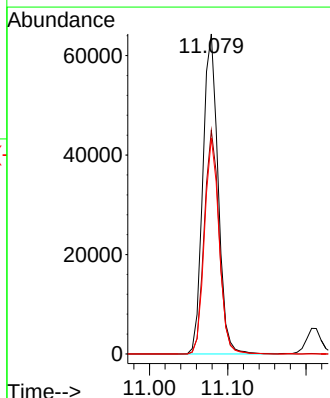
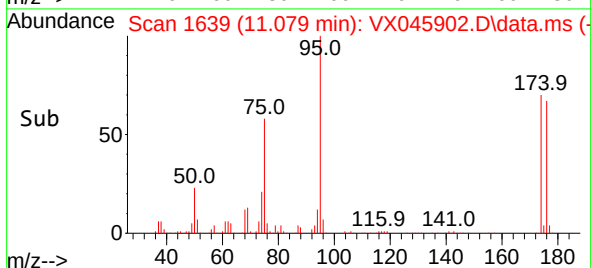
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

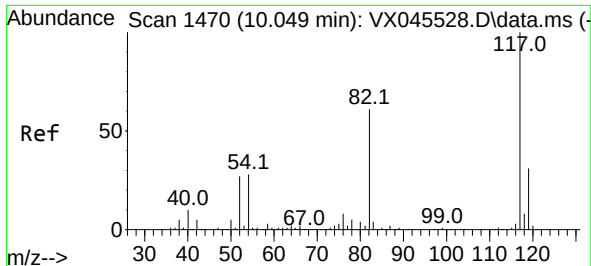


#62
4-Bromofluorobenzene
Concen: 57.823 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05



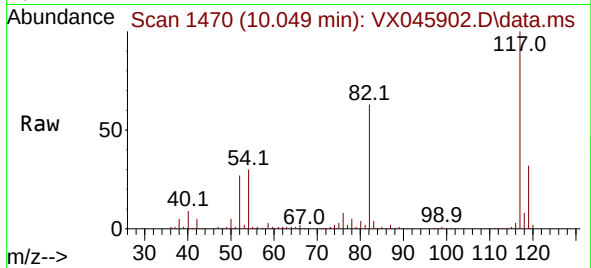
Tgt Ion: 95 Resp: 86606
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 64.9 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

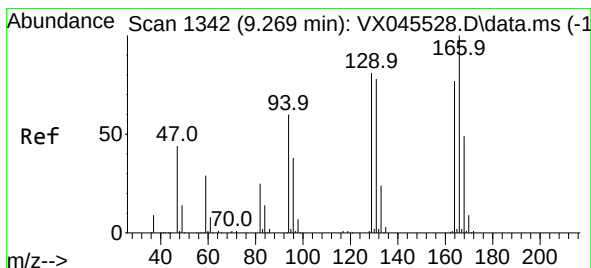
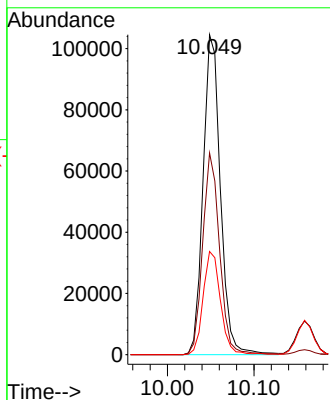
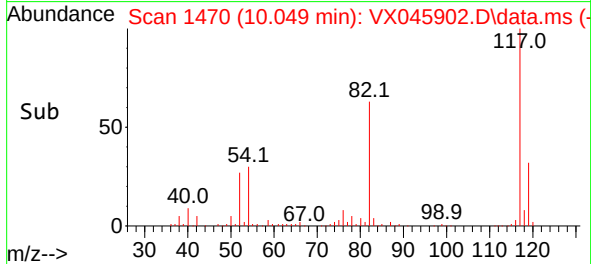
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



Tgt Ion:117 Resp: 14530
Ion Ratio Lower Upper
117 100
82 63.1 49.2 73.8
119 32.3 25.1 37.7

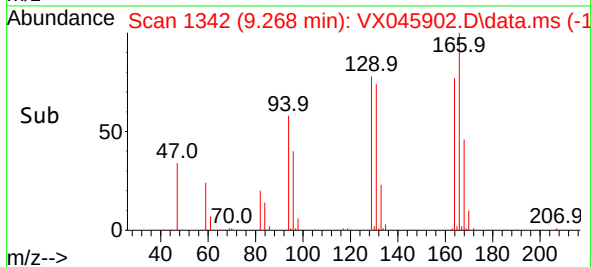
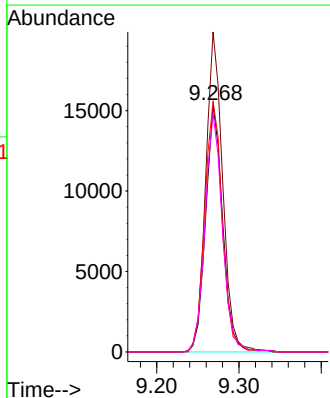
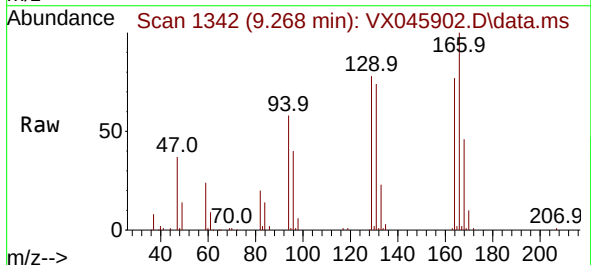
Manual Integrations
APPROVED

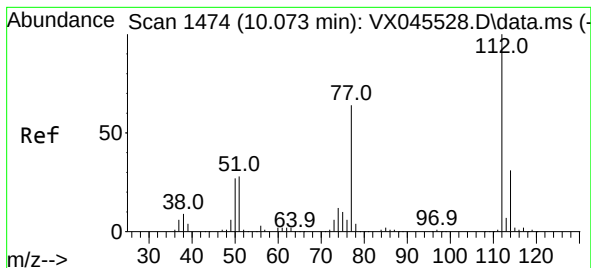
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#64
Tetrachloroethene
Concen: 21.617 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.001 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

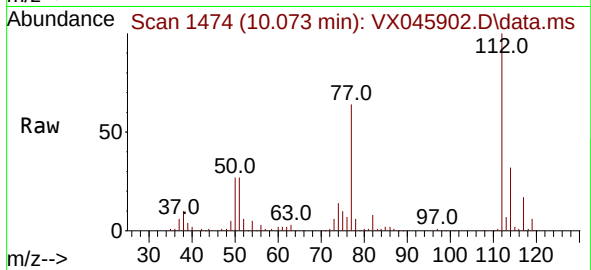
Tgt Ion:164 Resp: 22176
Ion Ratio Lower Upper
164 100
166 129.7 103.8 155.8
129 101.5 84.3 126.5
131 96.5 80.9 121.3





#65
Chlorobenzene
Concen: 21.479 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

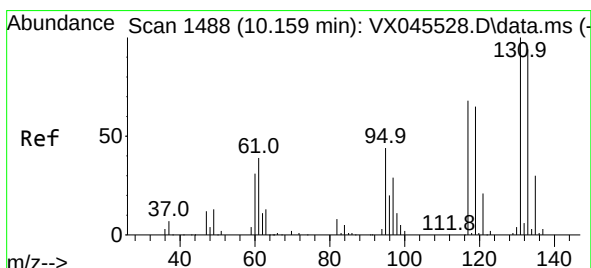
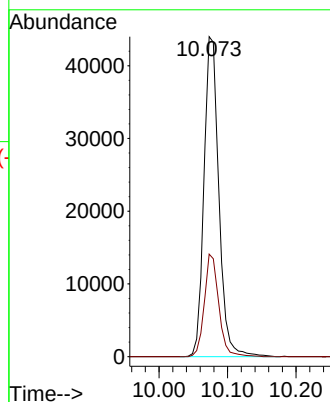
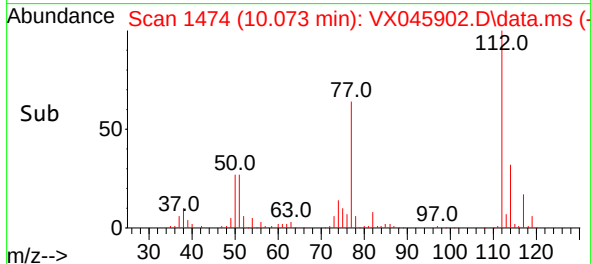
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



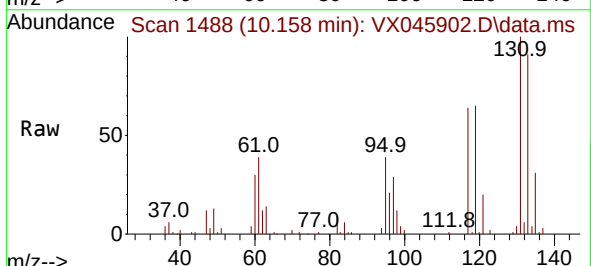
Tgt Ion:112 Resp: 66689
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1

Manual Integrations
APPROVED

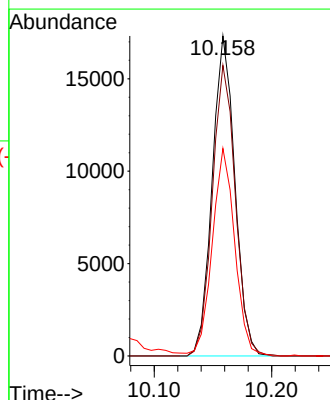
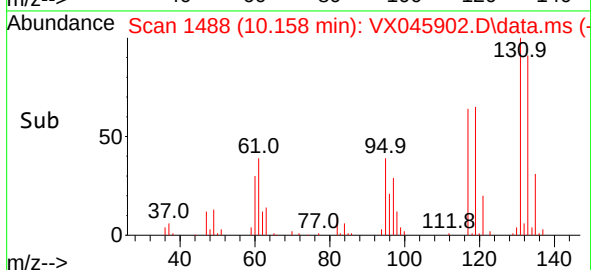
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

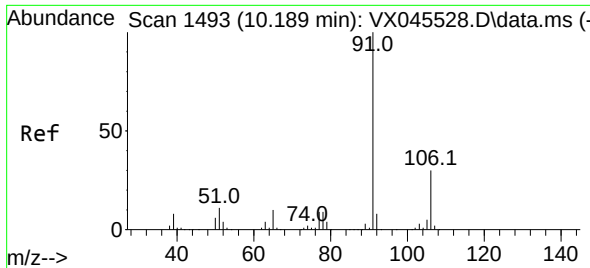


#66
1,1,1,2-Tetrachloroethane
Concen: 21.484 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05



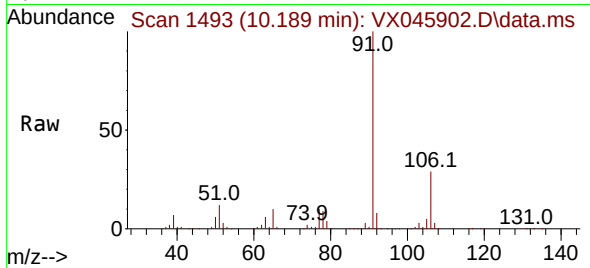
Tgt Ion:131 Resp: 23159
Ion Ratio Lower Upper
131 100
133 92.4 47.5 142.5
119 64.4 32.9 98.6





#67
Ethyl Benzene
Concen: 21.053 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

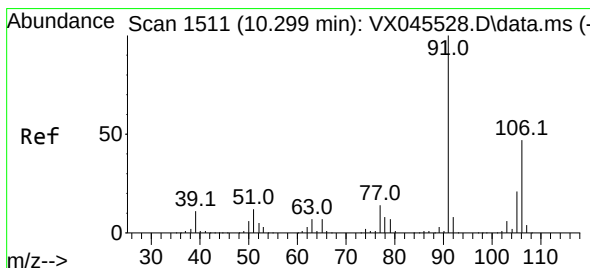
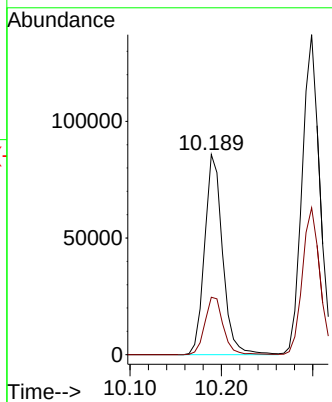
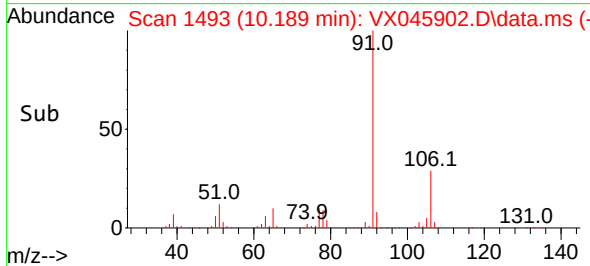
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



Tgt Ion: 91 Resp: 117070
Ion Ratio Lower Upper
91 100
106 28.7 23.7 35.5

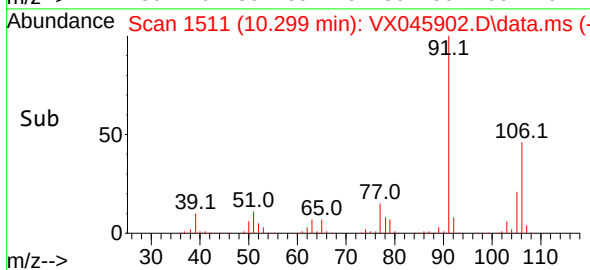
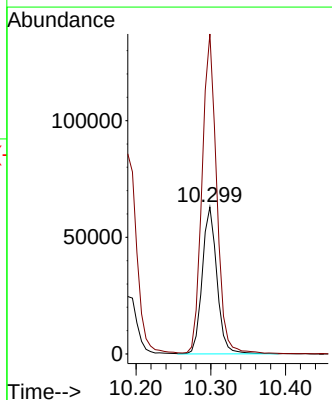
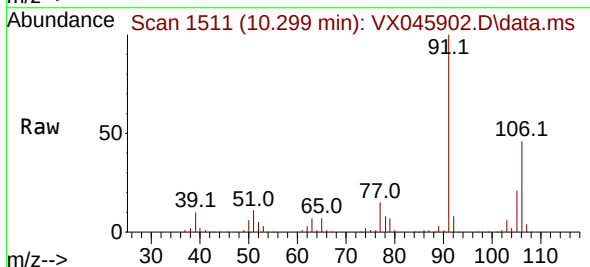
Manual Integrations
APPROVED

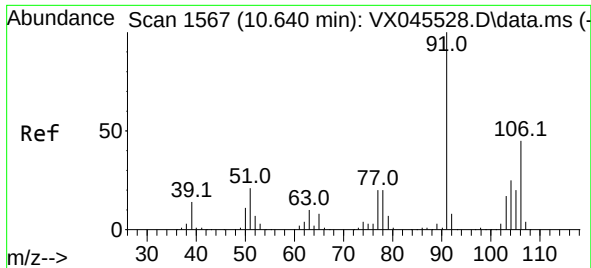
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#68
m/p-Xylenes
Concen: 42.422 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Tgt Ion:106 Resp: 85798
Ion Ratio Lower Upper
106 100
91 218.1 172.6 258.8





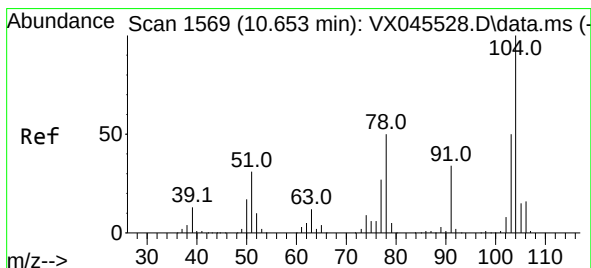
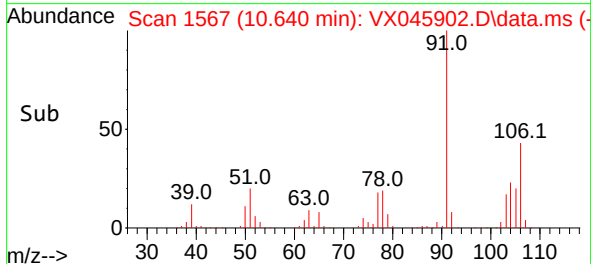
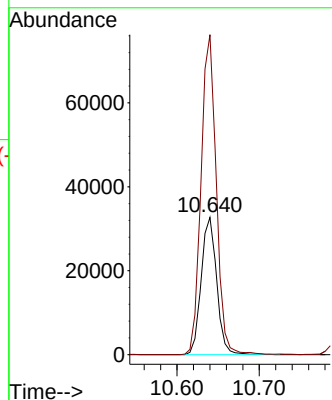
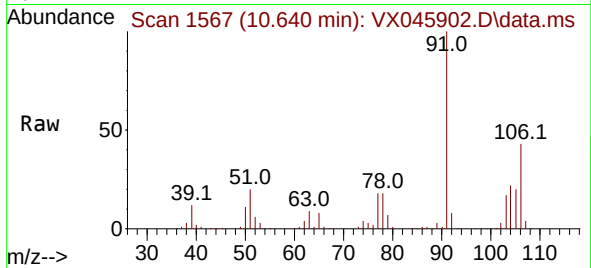
#69
o-Xylene
Concen: 21.488 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tgt Ion:106 Resp: 42812
Ion Ratio Lower Upper
106 100
91 229.4 113.6 340.6

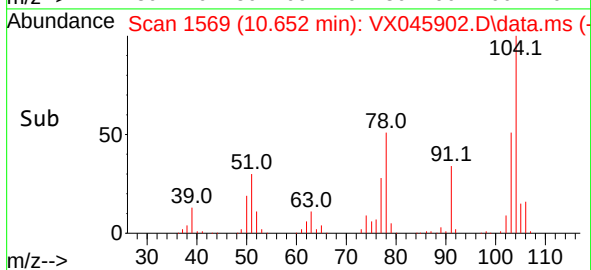
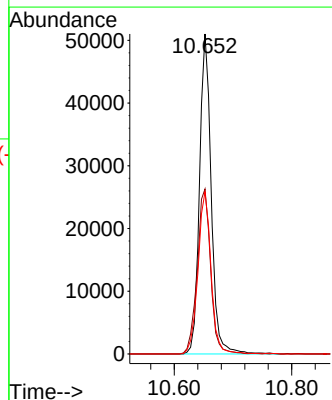
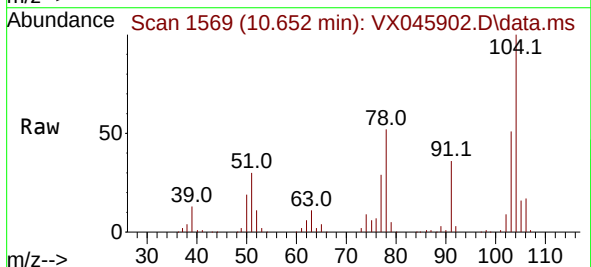
Manual Integrations
APPROVED

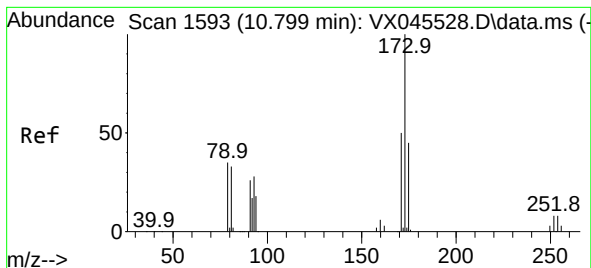
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#70
Styrene
Concen: 21.495 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Tgt Ion:104 Resp: 70683
Ion Ratio Lower Upper
104 100
78 58.9 45.4 68.2
103 56.5 43.8 65.8





#71

Bromoform

Concen: 20.495 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

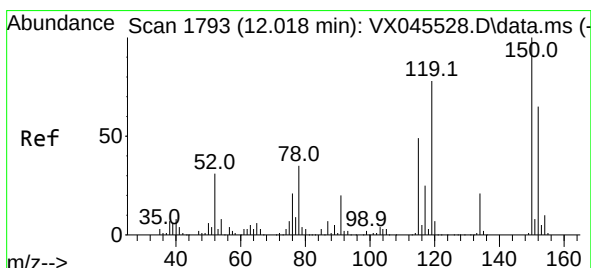
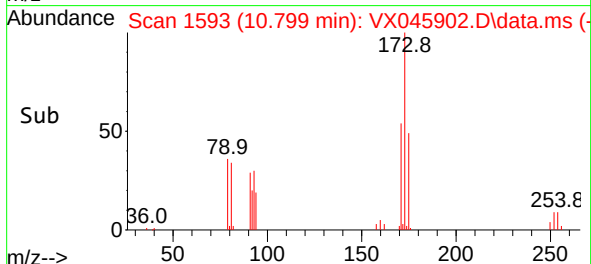
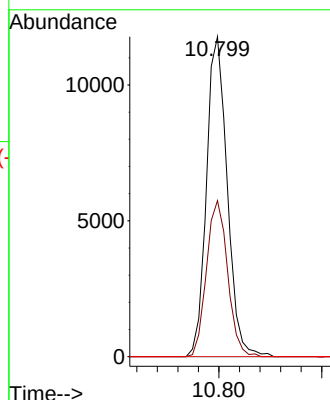
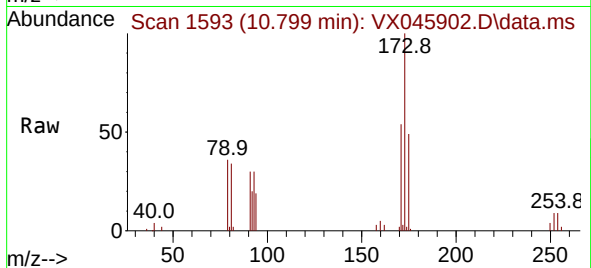
Tgt Ion:173	Resp:	16490
Ion Ratio	Lower	Upper
173	100	
175	49.7	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

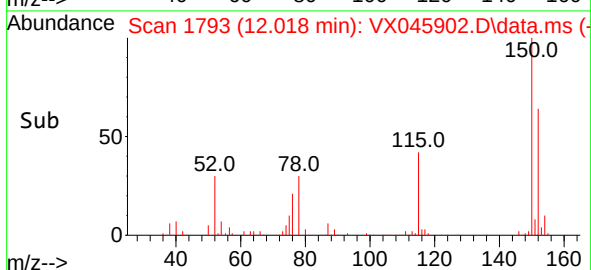
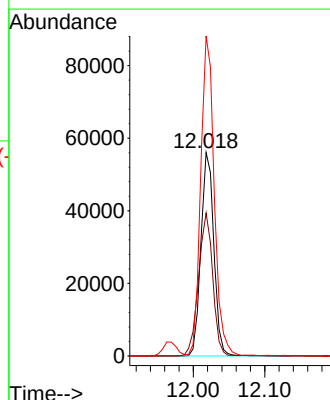
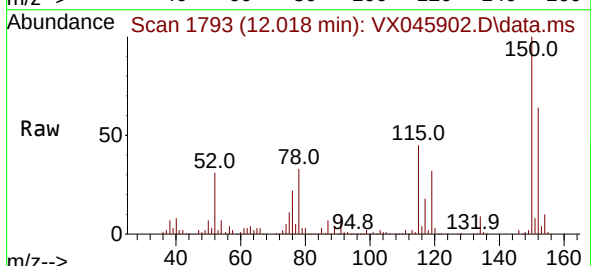
RT: 12.018 min Scan# 1793

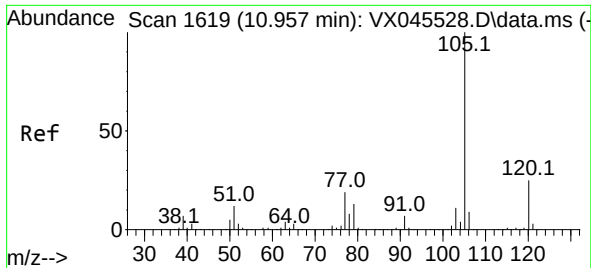
Delta R.T. -0.000 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

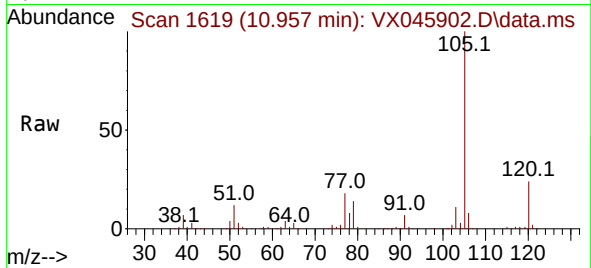
Tgt Ion:152	Resp:	70247
Ion Ratio	Lower	Upper
152	100	
115	77.4	46.9 140.7
150	164.4	0.0 349.4





#73
Isopropylbenzene
Concen: 20.548 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

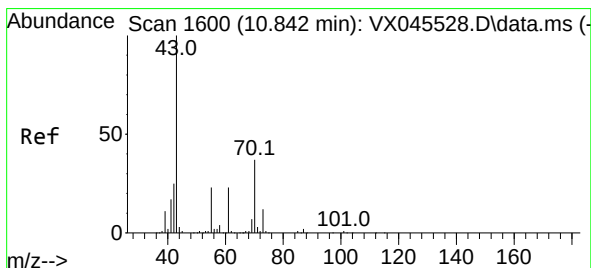
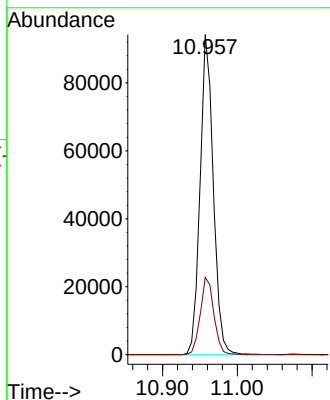
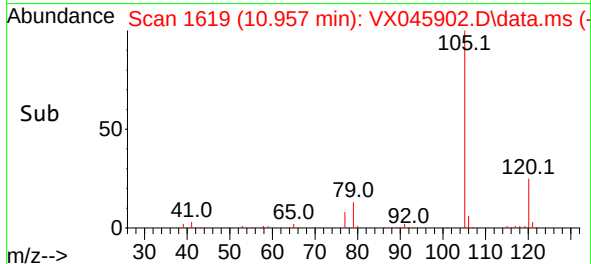
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



Tgt Ion:105 Resp: 115620
Ion Ratio Lower Upper
105 100
120 24.8 12.7 38.0

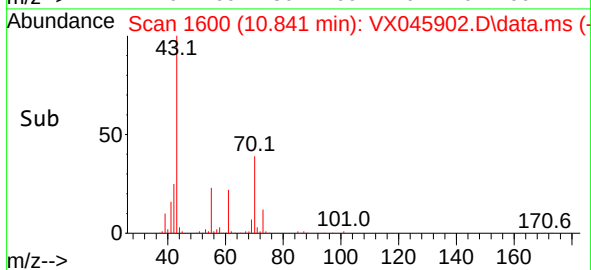
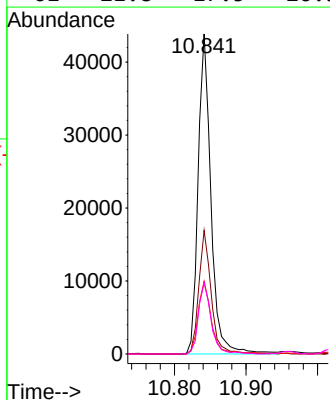
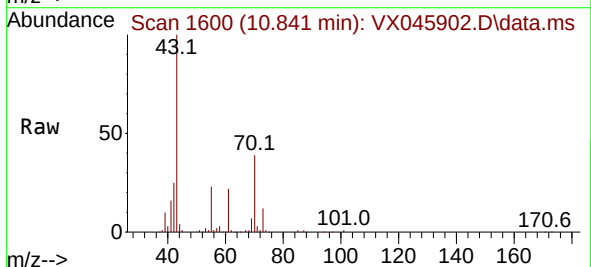
Manual Integrations
APPROVED

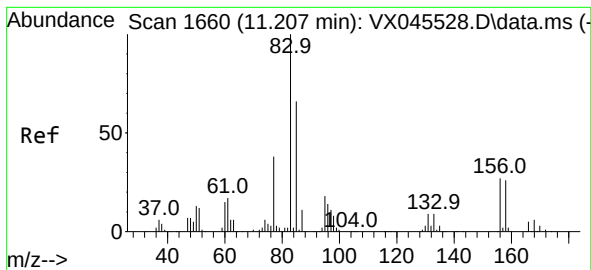
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#74
N-ethyl acetate
Concen: 20.277 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Tgt Ion: 43 Resp: 54577
Ion Ratio Lower Upper
43 100
70 37.4 30.1 45.1
55 23.6 18.3 27.5
61 21.8 17.5 26.3





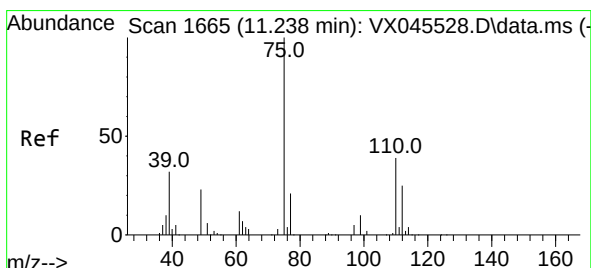
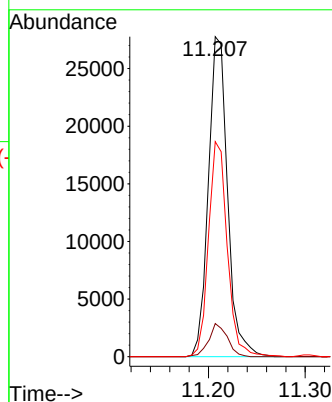
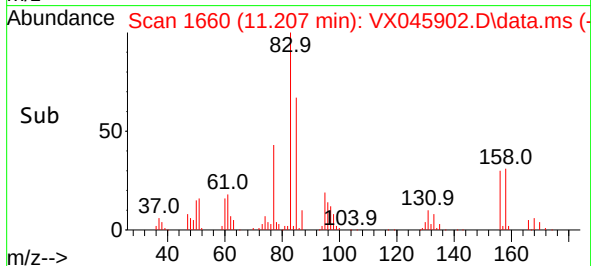
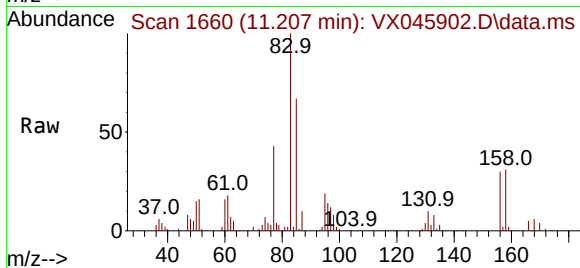
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.381 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX045902.D
 Acq: 23 Apr 2025 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tgt Ion: 83 Resp: 38309
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.7 14.1
 85 65.9 32.4 97.2

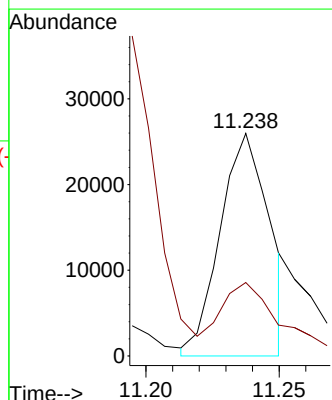
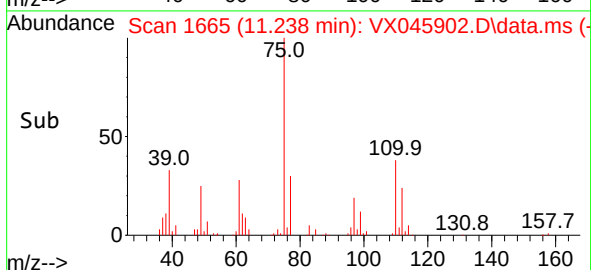
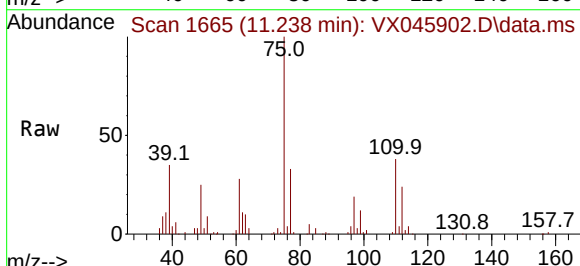
Manual Integrations
 APPROVED

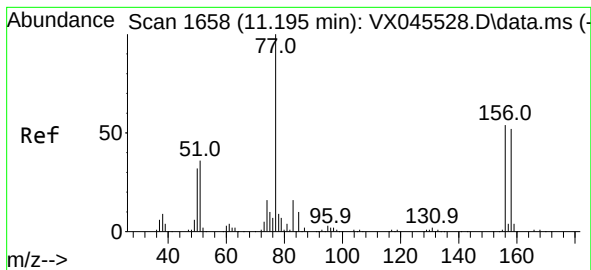
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#76
 1,2,3-Trichloropropane
 Concen: 19.491 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045902.D
 Acq: 23 Apr 2025 11:05

Tgt Ion: 75 Resp: 33397
 Ion Ratio Lower Upper
 75 100
 77 40.9 20.0 59.9





#77

Bromobenzene

Concen: 20.181 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

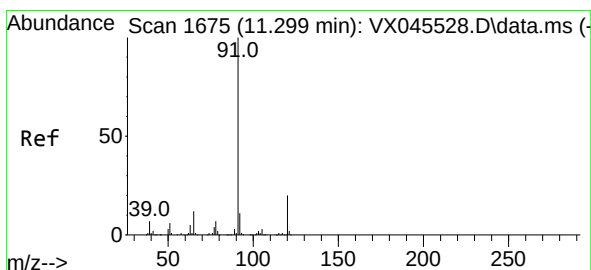
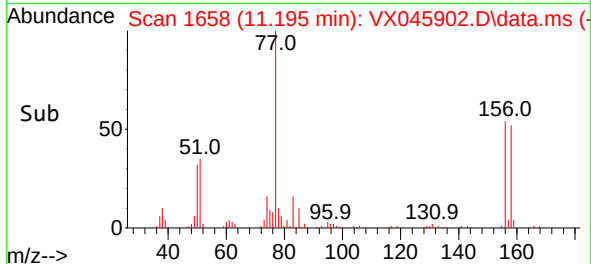
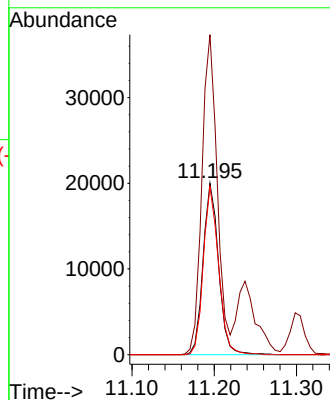
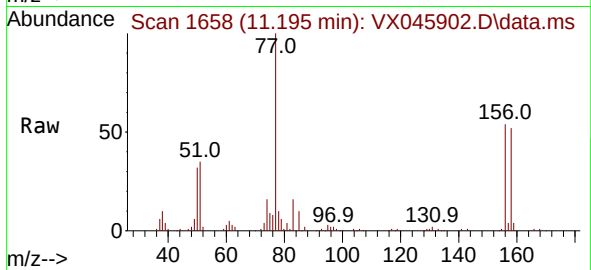
Tgt Ion:	156	Resp:	26238
Ion Ratio	Lower	Upper	
156	100		
77	184.3	92.6	277.8
158	96.2	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#78

n-propylbenzene

Concen: 20.737 ug/l

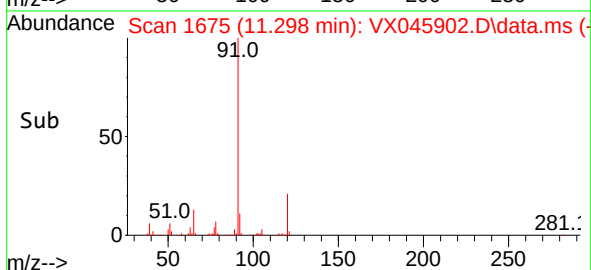
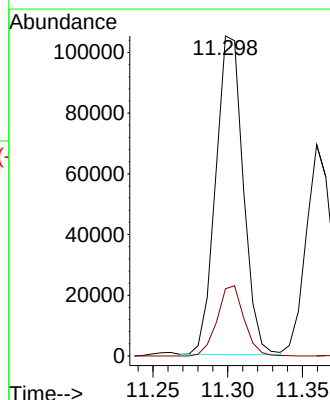
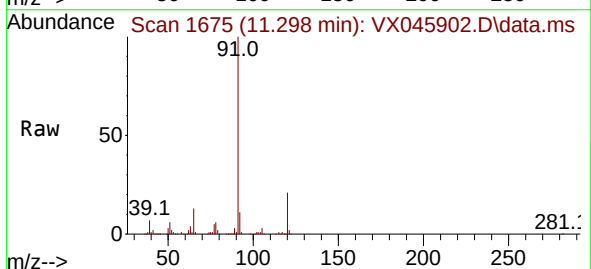
RT: 11.298 min Scan# 1675

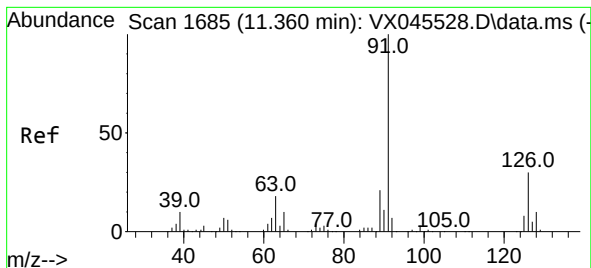
Delta R.T. -0.000 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Tgt Ion:	91	Resp:	134399
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.8	32.3





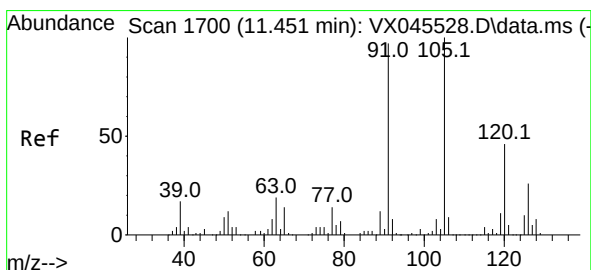
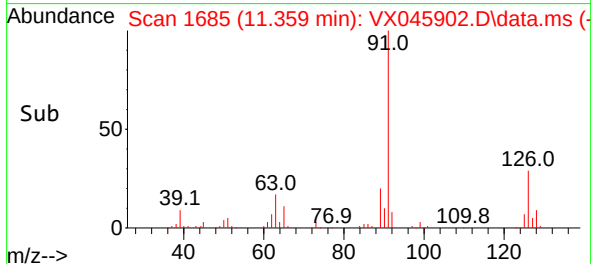
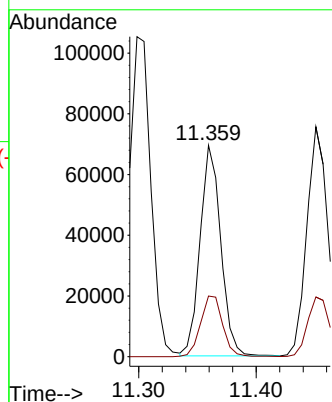
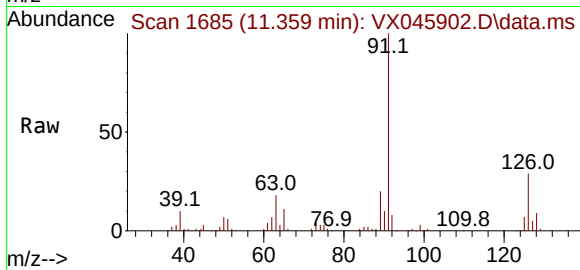
#79
2-Chlorotoluene
Concen: 20.457 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tgt Ion: 91 Resp: 84762
Ion Ratio Lower Upper
91 100
126 30.9 15.8 47.4

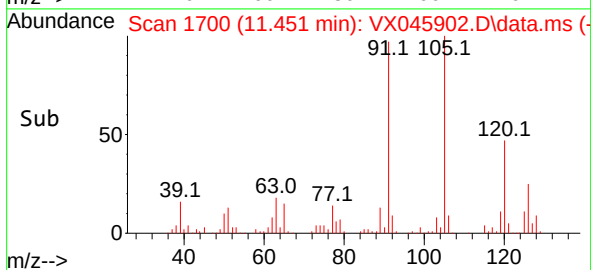
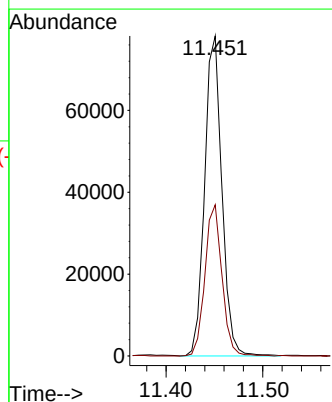
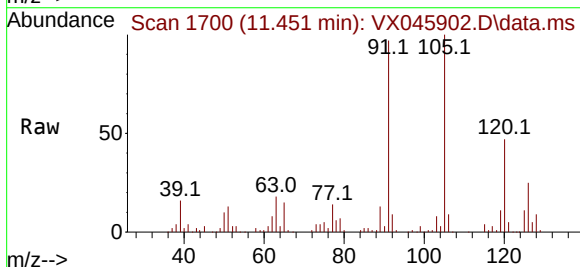
Manual Integrations
APPROVED

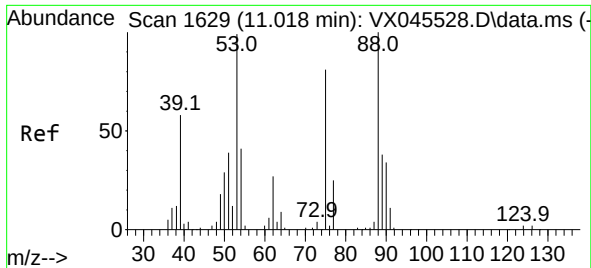
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.875 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

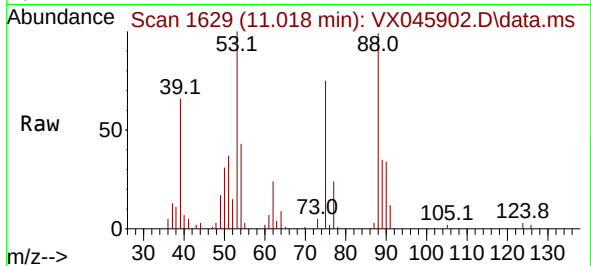
Tgt Ion:105 Resp: 97132
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.030 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

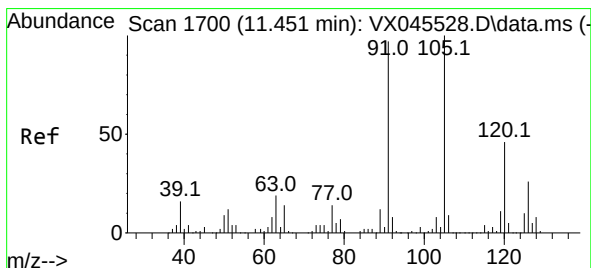
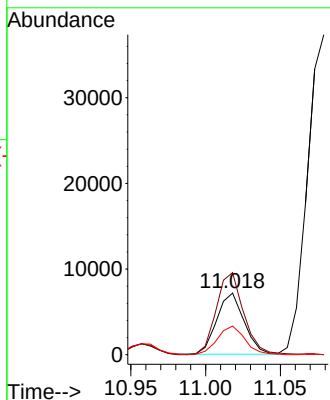
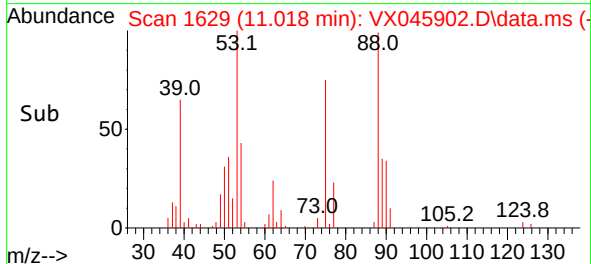
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



Tgt Ion: 75 Resp: 910
Ion Ratio Lower Upper
75 100
53 135.2 101.8 152.6
89 47.1 37.2 55.8

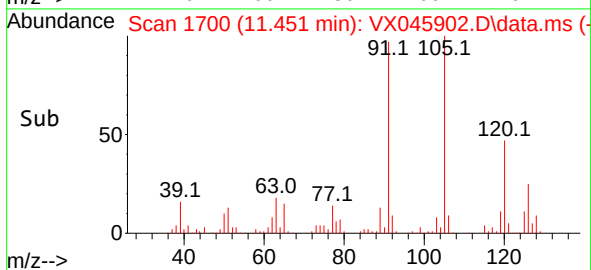
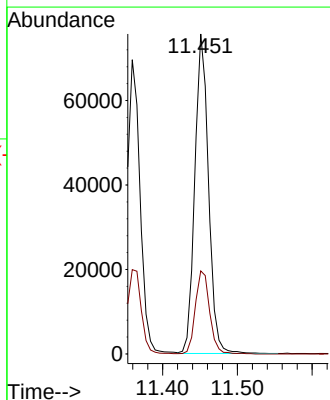
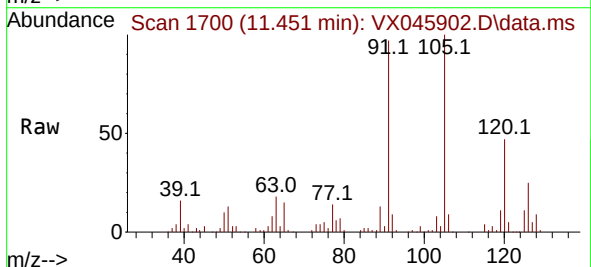
Manual Integrations
APPROVED

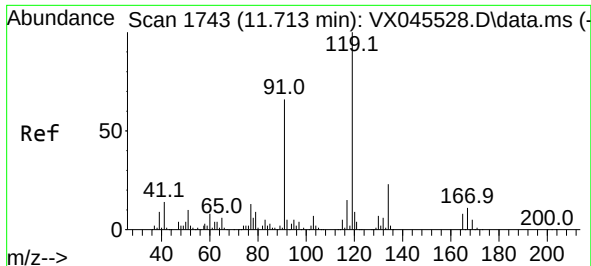
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#82
4-Chlorotoluene
Concen: 20.782 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

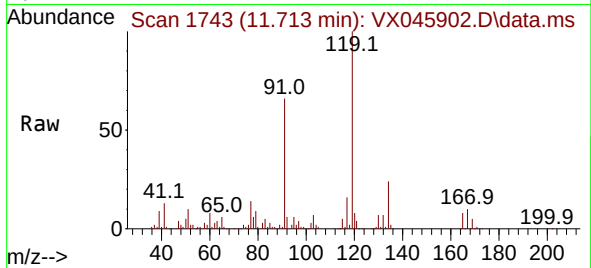
Tgt Ion: 91 Resp: 96004
Ion Ratio Lower Upper
91 100
126 27.2 13.3 39.9





#83
tert-Butylbenzene
Concen: 20.845 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

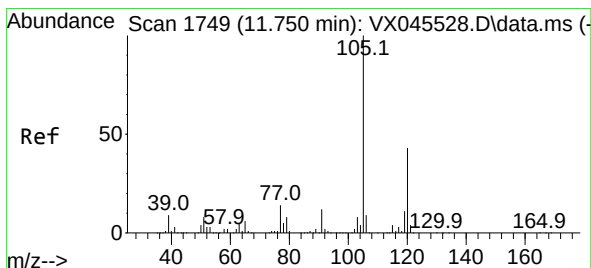
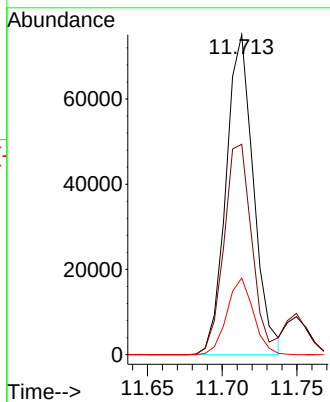
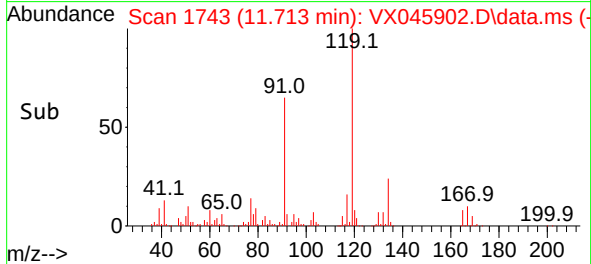
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



Tgt Ion:119 Resp: 96025
Ion Ratio Lower Upper
119 100
91 66.3 32.4 97.2
134 23.0 11.5 34.5

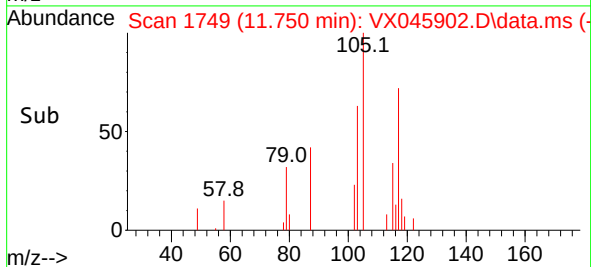
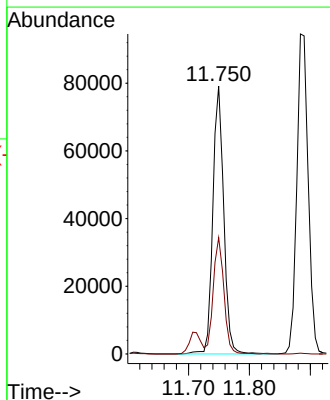
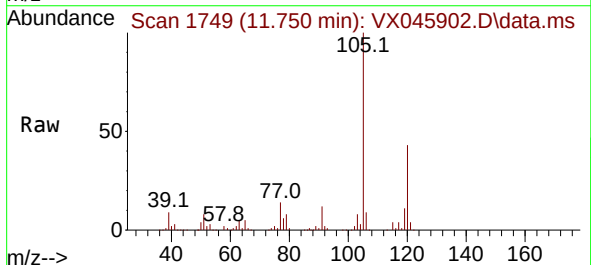
Manual Integrations
APPROVED

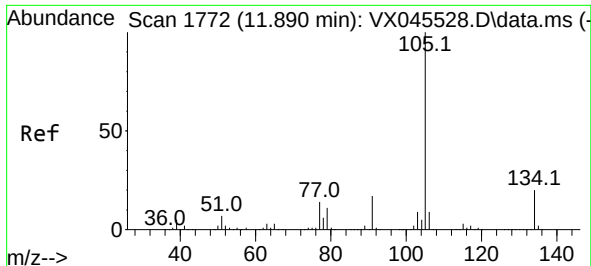
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#84
1,2,4-Trimethylbenzene
Concen: 21.055 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

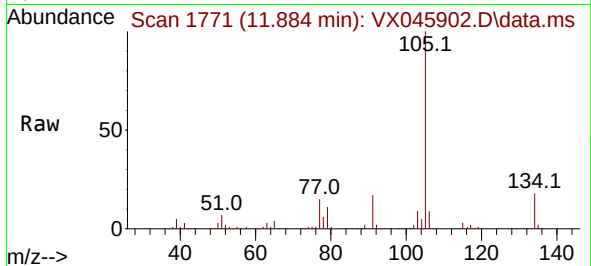
Tgt Ion:105 Resp: 98327
Ion Ratio Lower Upper
105 100
120 42.5 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 21.790 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX045902.D
 Acq: 23 Apr 2025 11:05

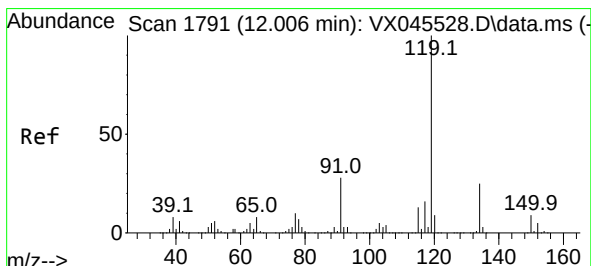
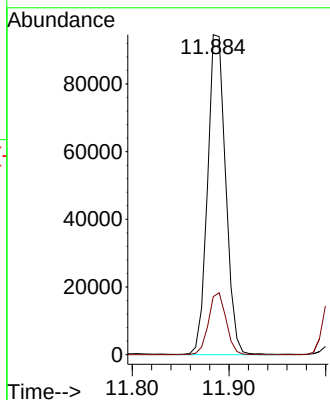
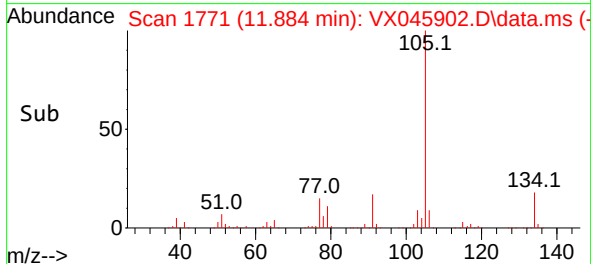
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01



Tgt Ion:105 Resp: 123285
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6

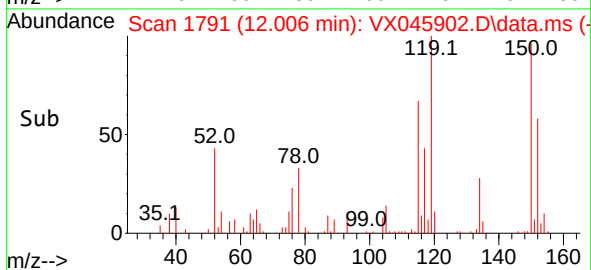
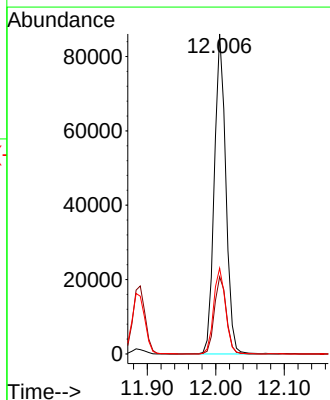
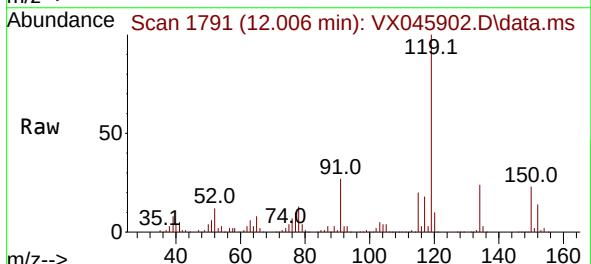
Manual Integrations
 APPROVED

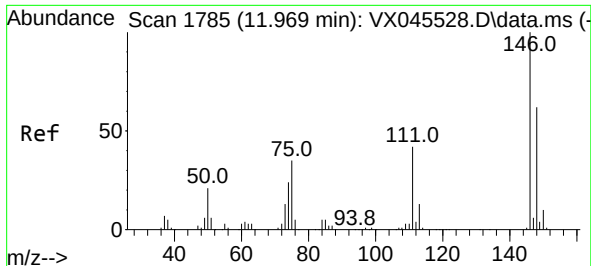
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#86
 p-Isopropyltoluene
 Concen: 21.540 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045902.D
 Acq: 23 Apr 2025 11:05

Tgt Ion:119 Resp: 100477
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 27.7 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 20.828 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

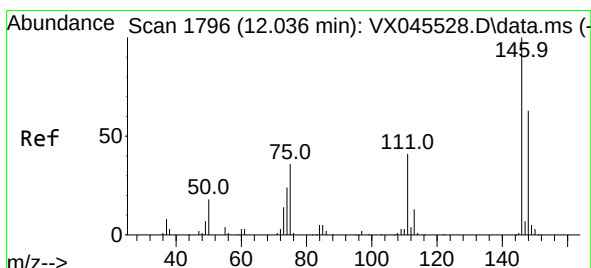
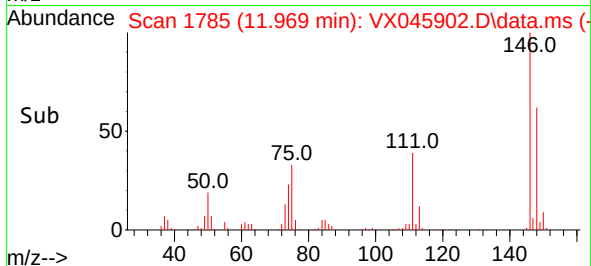
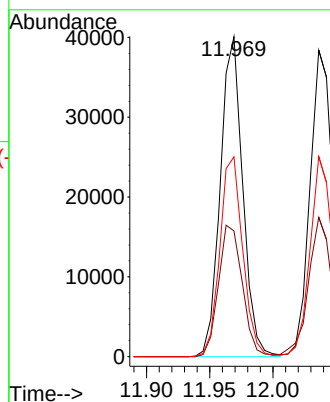
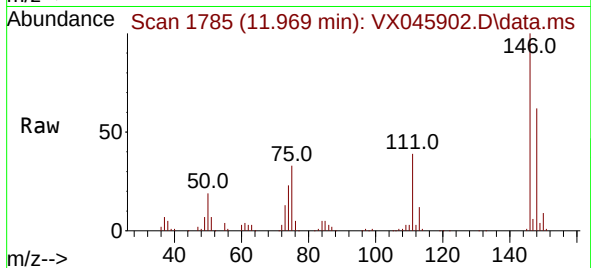
Tgt Ion:146 Resp: 49292
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.2 66.6
 148 63.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#88

1,4-Dichlorobenzene

Concen: 20.213 ug/l

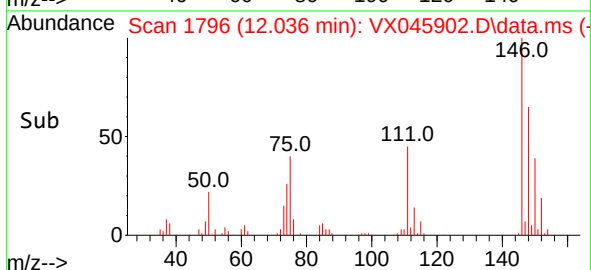
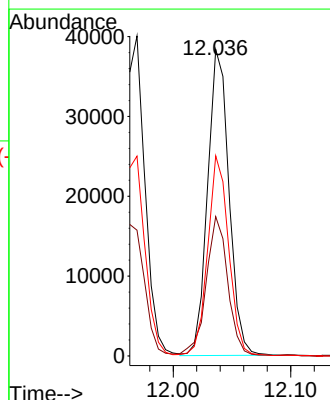
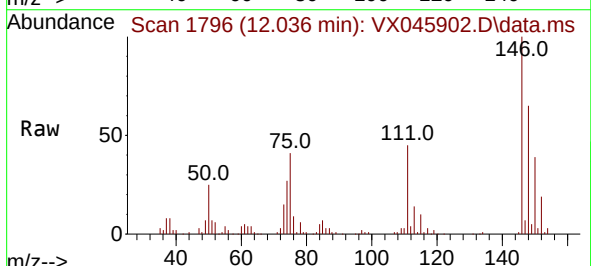
RT: 12.036 min Scan# 1796

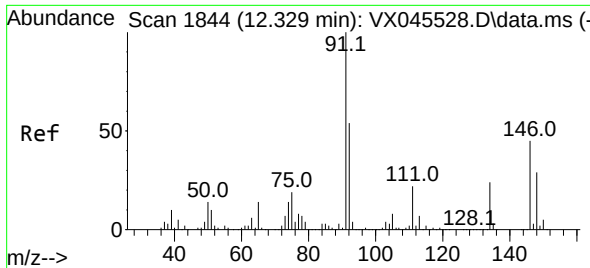
Delta R.T. -0.000 min

Lab File: VX045902.D

Acq: 23 Apr 2025 11:05

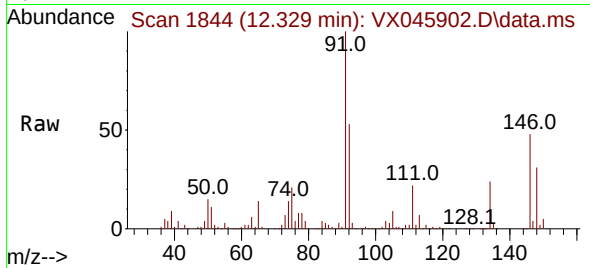
Tgt Ion:146 Resp: 48495
 Ion Ratio Lower Upper
 146 100
 111 46.1 20.9 62.8
 148 64.8 31.5 94.5





#89
n-Butylbenzene
Concen: 21.776 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

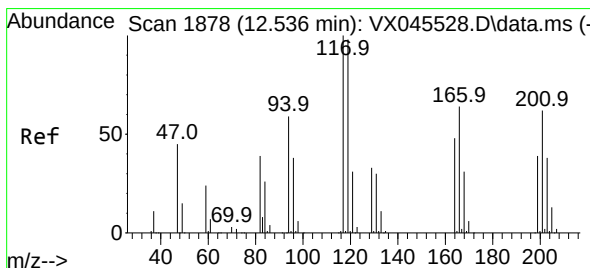
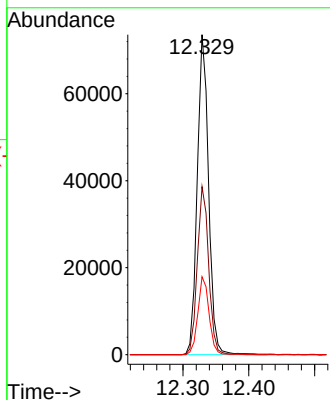
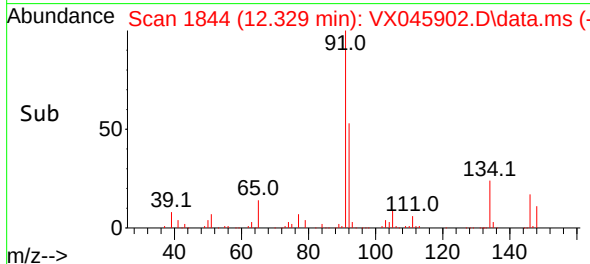
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



Tgt Ion: 91 Resp: 88084
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.6
134 24.1 11.9 35.7

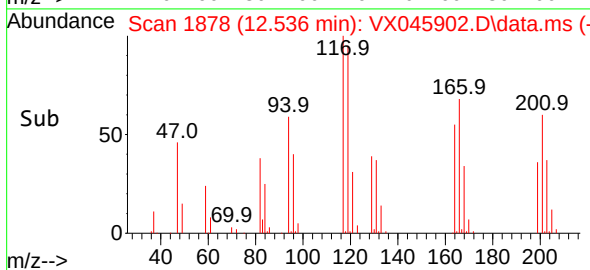
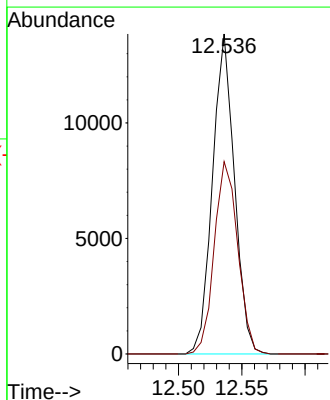
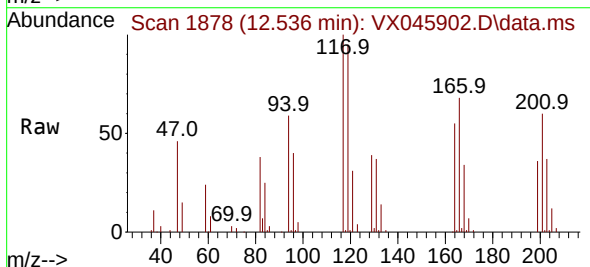
Manual Integrations
APPROVED

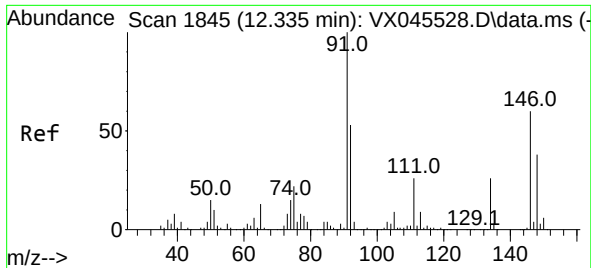
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#90
Hexachloroethane
Concen: 20.812 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

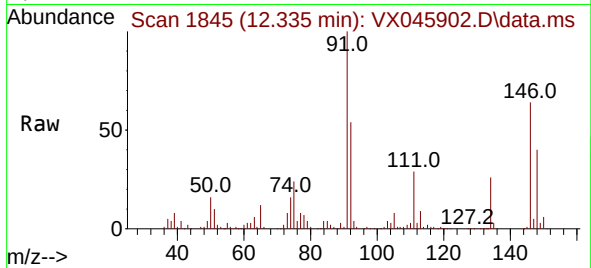
Tgt Ion:117 Resp: 16684
Ion Ratio Lower Upper
117 100
201 64.5 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 21.222 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

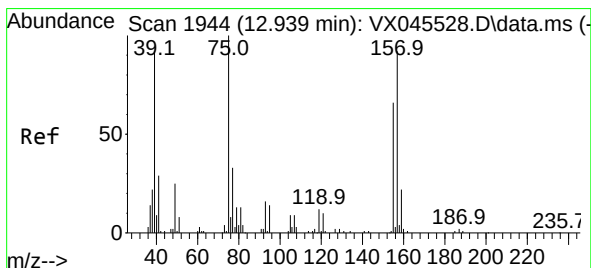
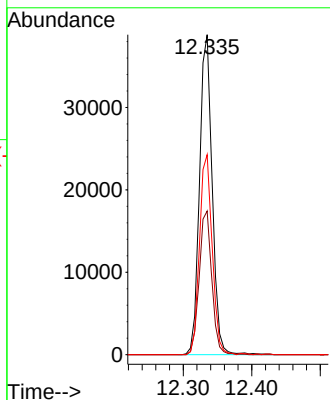
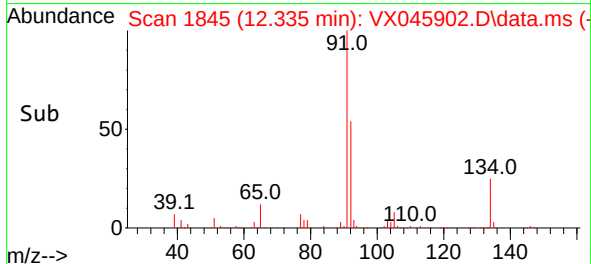
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



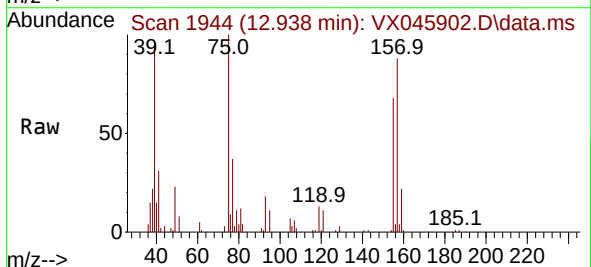
Tgt Ion:146 Resp: 4993
Ion Ratio Lower Upper
146 100
111 44.8 22.9 68.8
148 62.6 31.9 95.5

Manual Integrations
APPROVED

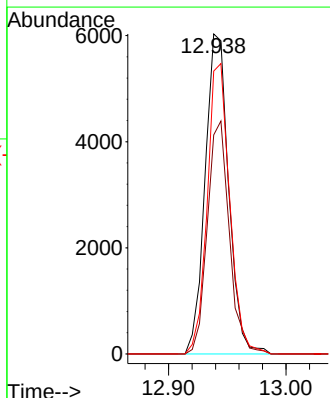
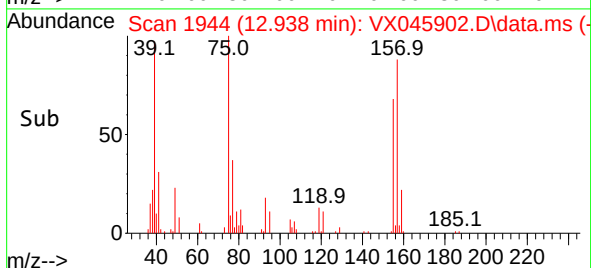
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

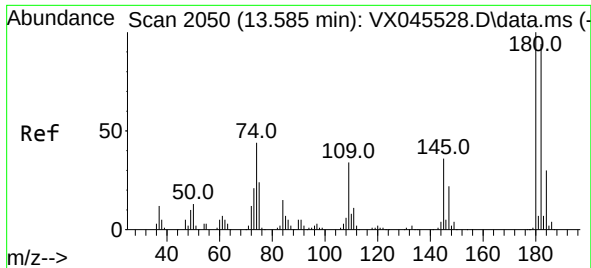


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.286 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05



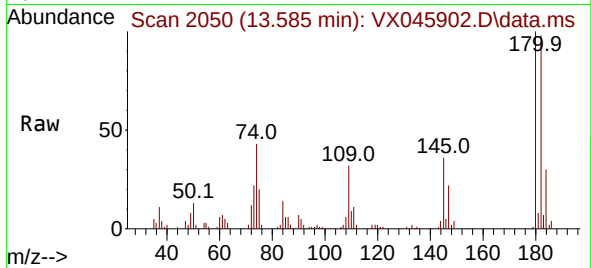
Tgt Ion: 75 Resp: 8386
Ion Ratio Lower Upper
75 100
155 68.0 34.9 104.7
157 86.7 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 21.015 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

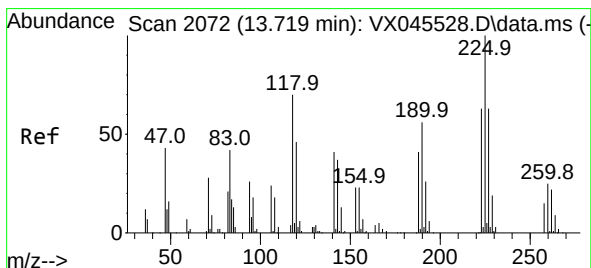
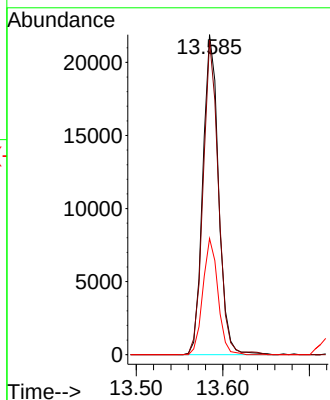
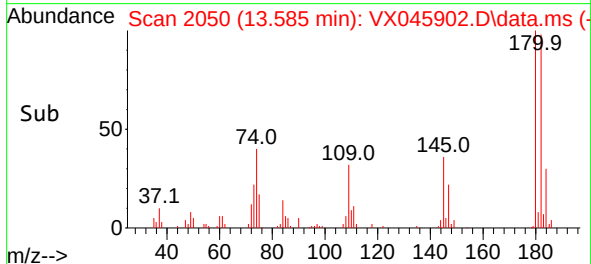
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



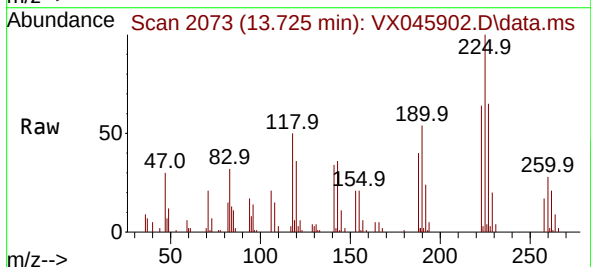
Tgt Ion:180 Resp: 2752
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 34.8 17.9 53.8

Manual Integrations
APPROVED

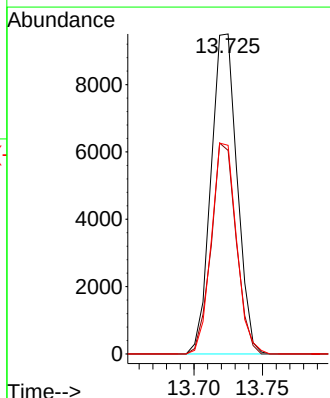
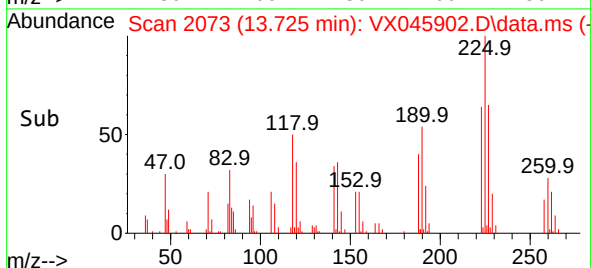
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

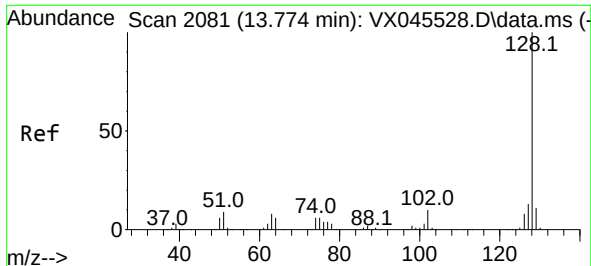


#94
Hexachlorobutadiene
Concen: 22.259 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05



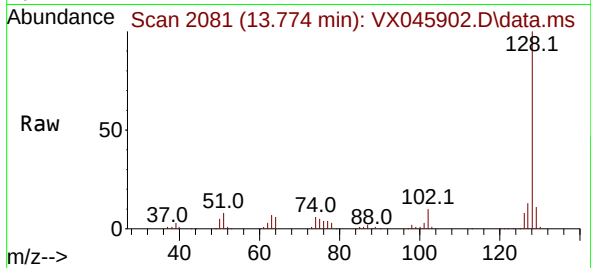
Tgt Ion:225 Resp: 12562
Ion Ratio Lower Upper
225 100
223 62.8 31.1 93.3
227 63.4 32.2 96.6





#95
Naphthalene
Concen: 20.504 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05

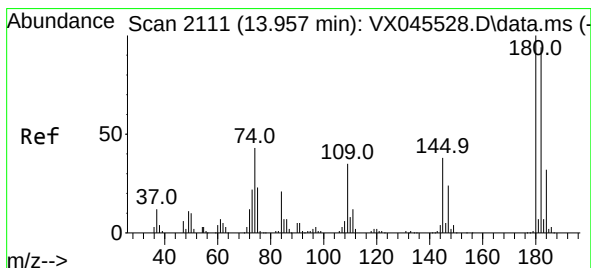
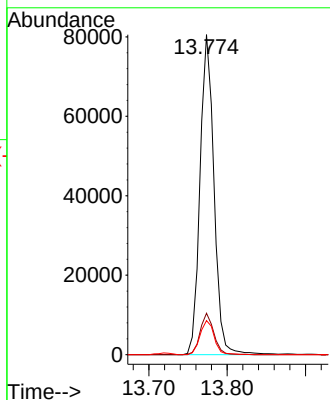
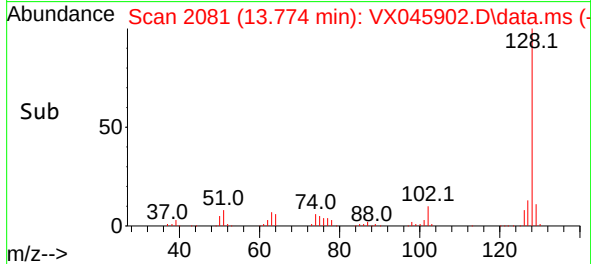
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01



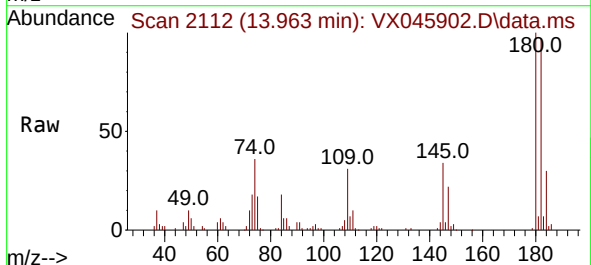
Tgt Ion:128 Resp: 99934
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.999 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045902.D
Acq: 23 Apr 2025 11:05



Tgt Ion:180 Resp: 28798
Ion Ratio Lower Upper
180 100
182 93.3 47.3 141.8
145 36.0 18.2 54.6

