

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
 Data File : VX045589.D
 Acq On : 04 Apr 2025 11:14
 Operator : JC/MD
 Sample : VX0404WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Quant Time: Apr 04 23:10:41 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/07/2025
 Supervised By : Mahesh Dadoda 04/07/2025

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	95127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168453	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	151744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91980	52.873	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.740%			
35) Dibromofluoromethane	5.385	113	63679	53.280	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	8.646	98	221910	53.195	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.400%			
62) 4-Bromofluorobenzene	11.079	95	80880	53.227	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30356	21.338	ug/l	98
3) Chloromethane	1.306	50	28046	19.190	ug/l	97
4) Vinyl Chloride	1.373	62	26269	19.640	ug/l	99
5) Bromomethane	1.593	94	12147	19.154	ug/l	100
6) Chloroethane	1.666	64	14563	20.522	ug/l	98
7) Trichlorofluoromethane	1.873	101	40168	20.139	ug/l	95
8) Diethyl Ether	2.135	74	13256	19.796	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	23531	20.134	ug/l	98
10) Methyl Iodide	2.446	142	27472	18.845	ug/l	97
11) Tert butyl alcohol	2.971	59	22553	96.466	ug/l	99
12) 1,1-Dichloroethene	2.312	96	22114	19.364	ug/l	97
13) Acrolein	2.233	56	35297	109.636	ug/l	96
14) Allyl chloride	2.660	41	42970	19.831	ug/l	99
15) Acrylonitrile	3.062	53	73835	100.048	ug/l	99
16) Acetone	2.379	43	71844	100.574	ug/l	95
17) Carbon Disulfide	2.507	76	51789	18.361	ug/l	100
18) Methyl Acetate	2.702	43	33157	20.160	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	77491	19.397	ug/l	98
20) Methylene Chloride	2.782	84	26080	19.502	ug/l	98
21) trans-1,2-Dichloroethene	3.086	96	22921	19.646	ug/l	95
22) Diisopropyl ether	3.757	45	82229	19.265	ug/l #	85
23) Vinyl Acetate	3.721	43	363855	98.665	ug/l	99
24) 1,1-Dichloroethane	3.605	63	46953	19.451	ug/l	99
25) 2-Butanone	4.556	43	106093	101.462	ug/l	99
26) 2,2-Dichloropropane	4.464	77	32865	21.073	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27229	19.156	ug/l	99
28) Bromochloromethane	4.891	49	23795	20.399	ug/l	97
29) Tetrahydrofuran	5.007	42	66295	97.791	ug/l	99
30) Chloroform	5.086	83	49173	19.797	ug/l	94
31) Cyclohexane	5.464	56	41598	19.493	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	41502	19.747	ug/l	98
36) 1,1-Dichloropropene	5.684	75	31963	19.807	ug/l	98
37) Ethyl Acetate	4.714	43	38551	18.957	ug/l	99
38) Carbon Tetrachloride	5.671	117	35237	20.204	ug/l	95
39) Methylcyclohexane	7.372	83	39542	19.990	ug/l	95
40) Benzene	6.031	78	97905	19.865	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22088	20.585	ug/l	98
42) 1,2-Dichloroethane	6.086	62	41452	20.364	ug/l	100
43) Isopropyl Acetate	6.342	43	59314	19.244	ug/l	99
44) Trichloroethene	7.122	130	22535	19.237	ug/l	89
45) 1,2-Dichloropropane	7.427	63	24353	19.804	ug/l	92
46) Dibromomethane	7.580	93	19189	20.328	ug/l	98
47) Bromodichloromethane	7.817	83	37575	19.932	ug/l	96
48) Methyl methacrylate	7.689	41	31993	20.104	ug/l	99
49) 1,4-Dioxane	7.659	88	11949	414.998	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	209485	102.524	ug/l	99
52) Toluene	8.714	92	58522	19.623	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	30749	18.474	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	35158	19.846	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	24341	20.482	ug/l	95
56) Ethyl methacrylate	9.116	69	36657	19.931	ug/l	98
57) 1,3-Dichloropropane	9.305	76	42216	20.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	95516	102.664	ug/l	99
59) 2-Hexanone	9.427	43	152877	101.036	ug/l	98
60) Dibromochloromethane	9.518	129	25841	19.946	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23976	19.930	ug/l	100
64) Tetrachloroethene	9.274	164	21048	19.646	ug/l	97
65) Chlorobenzene	10.079	112	63546	19.598	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	22150	19.676	ug/l	97
67) Ethyl Benzene	10.189	91	113903	19.613	ug/l	98
68) m/p-Xylenes	10.299	106	82893	39.245	ug/l	99
69) o-Xylene	10.640	106	41423	19.908	ug/l	99
70) Styrene	10.652	104	68156	19.846	ug/l	98
71) Bromoform	10.799	173	15776	18.768	ug/l #	96
73) Isopropylbenzene	10.963	105	109126	20.461	ug/l	100
74) N-amyl acetate	10.841	43	49771	19.508	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37577	20.056	ug/l	96
76) 1,2,3-Trichloropropane	11.237	75	31448m	19.363	ug/l	
77) Bromobenzene	11.195	156	25007	20.293	ug/l	98
78) n-propylbenzene	11.298	91	126822	20.644	ug/l	99
79) 2-Chlorotoluene	11.359	91	78774	20.058	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	91980	20.856	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8789	18.366	ug/l	95
82) 4-Chlorotoluene	11.451	91	90453	20.657	ug/l	100
83) tert-Butylbenzene	11.713	119	88794	20.336	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	91248	20.614	ug/l	99
85) sec-Butylbenzene	11.890	105	111812	20.849	ug/l	100
86) p-Isopropyltoluene	12.006	119	90695	20.513	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44092	19.656	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	44331	19.494	ug/l	98
89) n-Butylbenzene	12.329	91	77639	20.250	ug/l	99
90) Hexachloroethane	12.536	117	15371	20.229	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	44325	19.875	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	7932	20.243	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	23660	19.059	ug/l	97
94) Hexachlorobutadiene	13.725	225	10408	19.457	ug/l	97
95) Naphthalene	13.774	128	87543	18.950	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	24870	19.132	ug/l	97

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

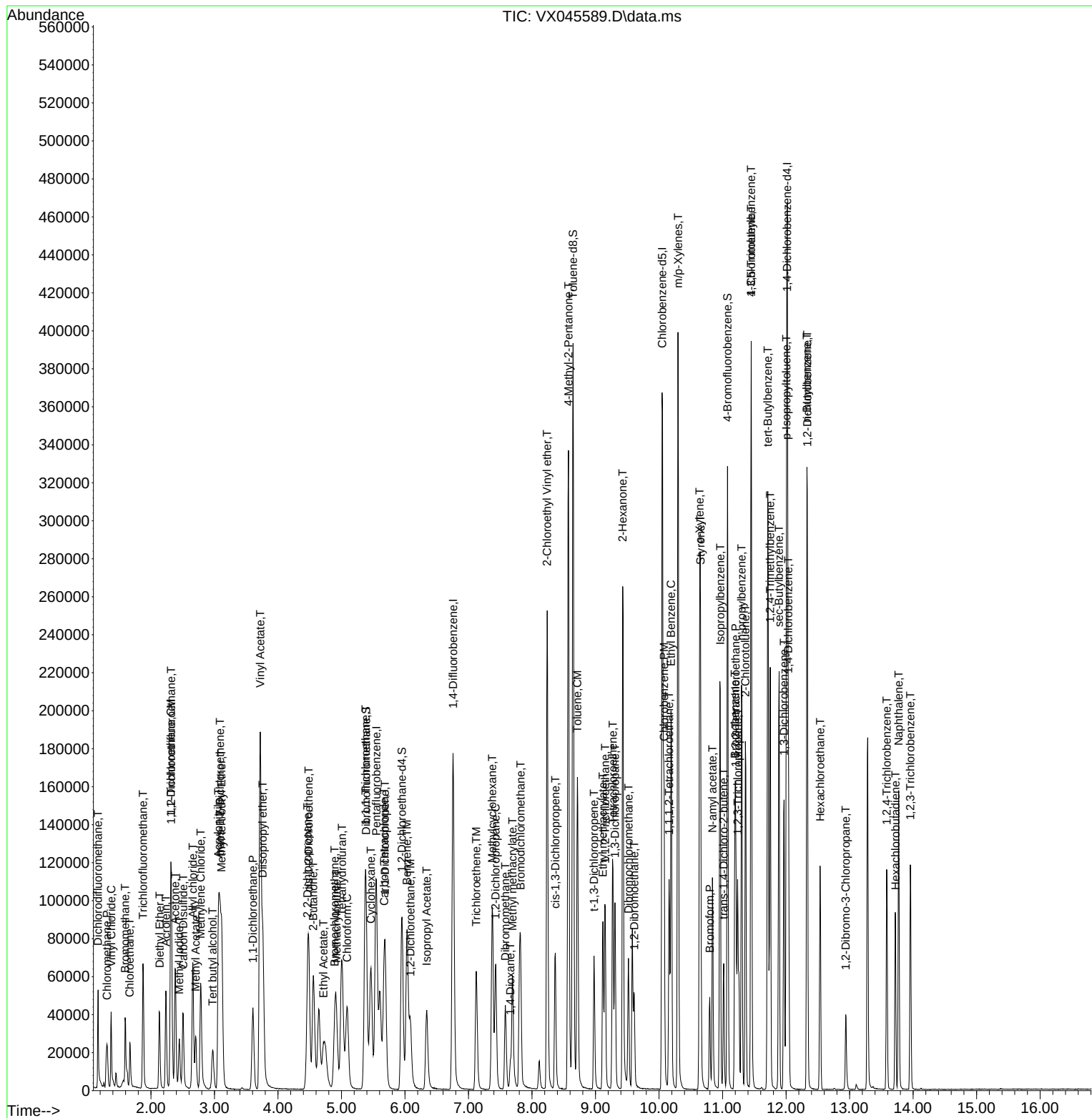
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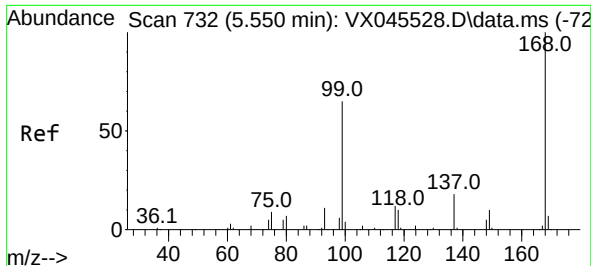
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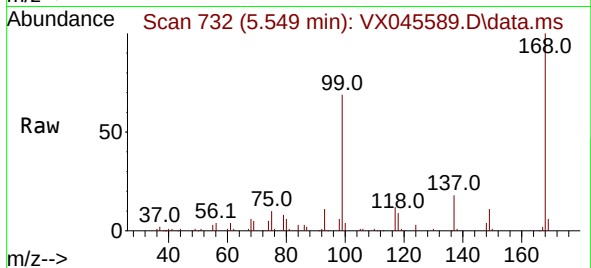
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045589.D
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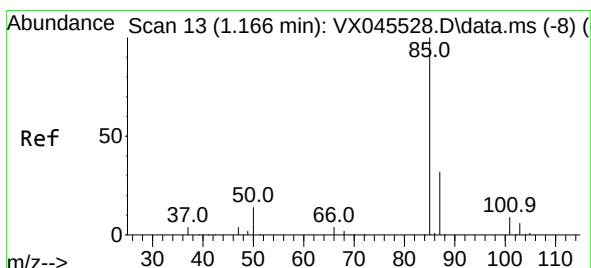
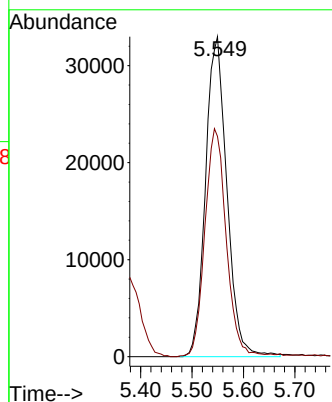
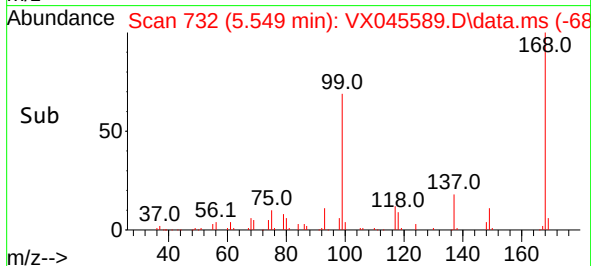
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



Tgt Ion:168 Resp: 9512
Ion Ratio Lower Upper
168 100
99 68.6 52.3 78.5

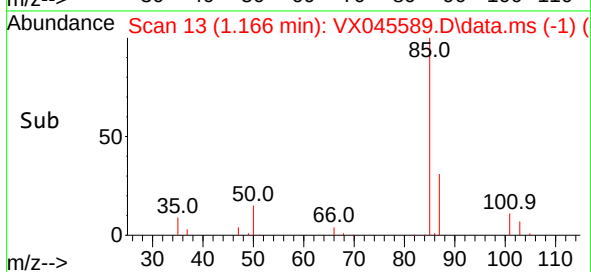
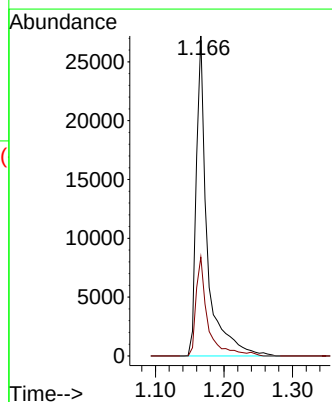
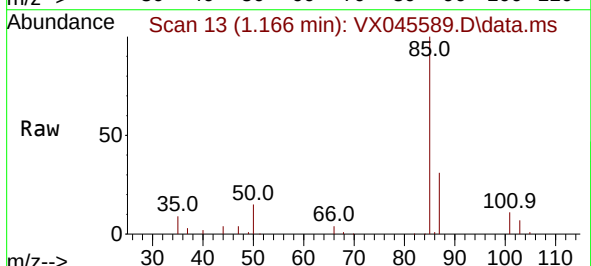
Manual Integrations
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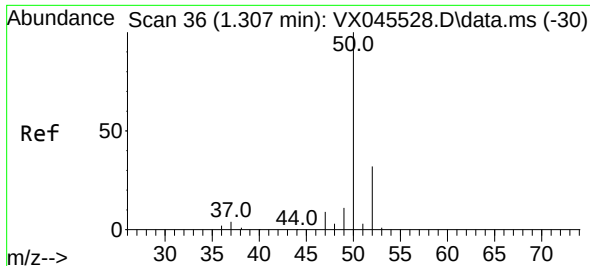
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#2
Dichlorodifluoromethane
Concen: 21.338 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

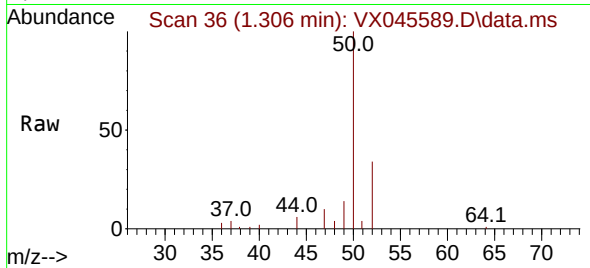
Tgt Ion: 85 Resp: 30356
Ion Ratio Lower Upper
85 100
87 30.9 16.1 48.2





#3
Chloromethane
Concen: 19.190 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

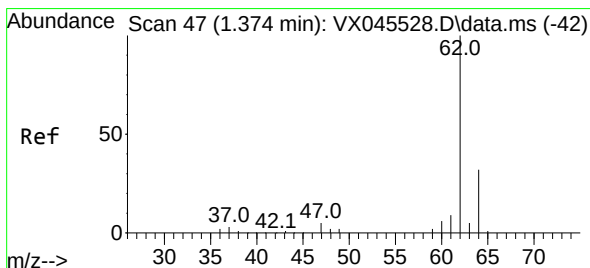
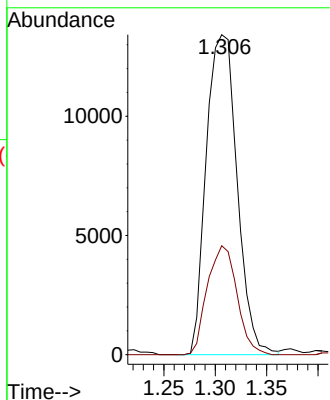
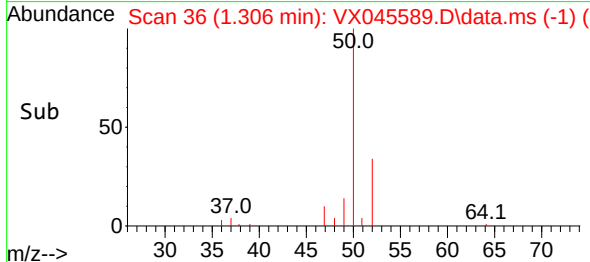
Instrument :
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Tgt Ion: 50 Resp: 2804
Ion Ratio Lower Upper
50 100
52 34.1 25.9 38.9

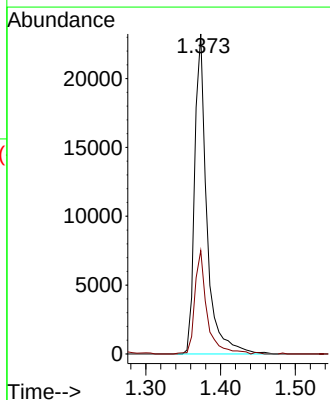
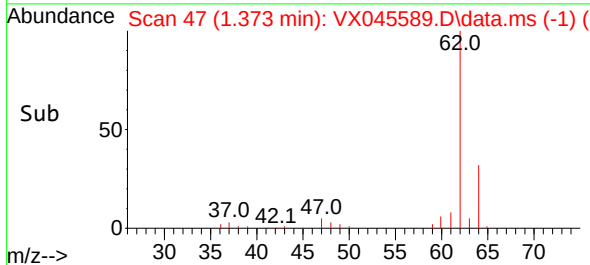
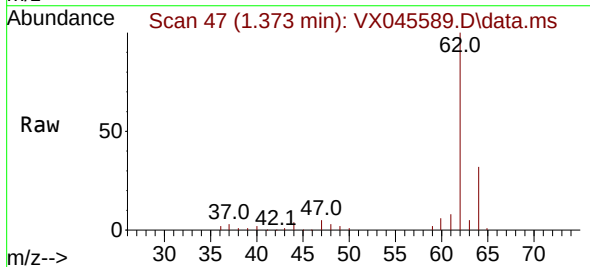
Manual Integrations
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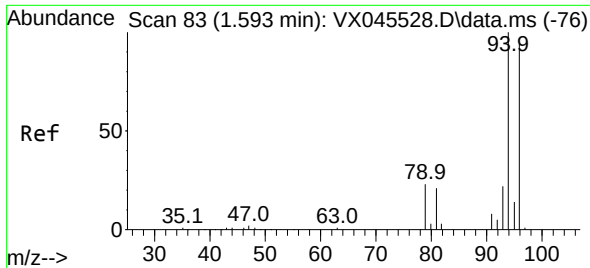
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#4
Vinyl Chloride
Concen: 19.640 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

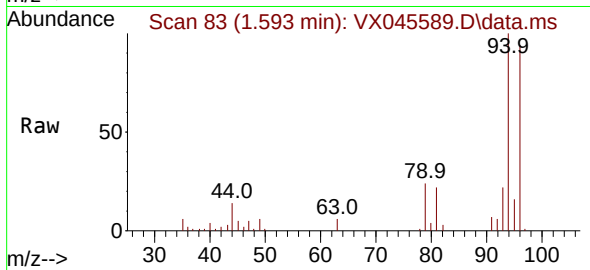
Tgt Ion: 62 Resp: 26269
Ion Ratio Lower Upper
62 100
64 32.3 25.5 38.3





#5
Bromomethane
Concen: 19.154 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

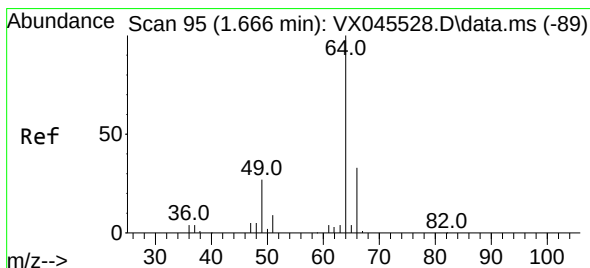
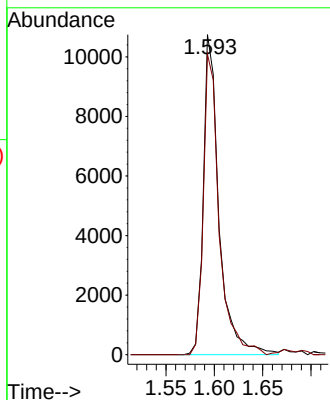
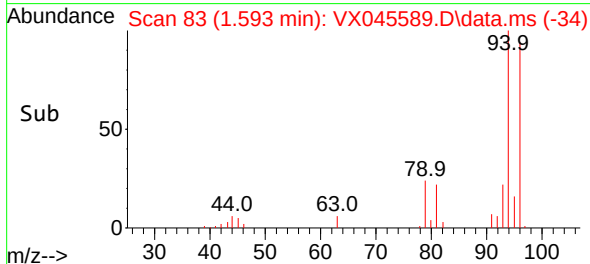
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Tgt Ion: 94 Resp: 1214
Ion Ratio Lower Upper
94 100
96 93.8 74.8 112.2

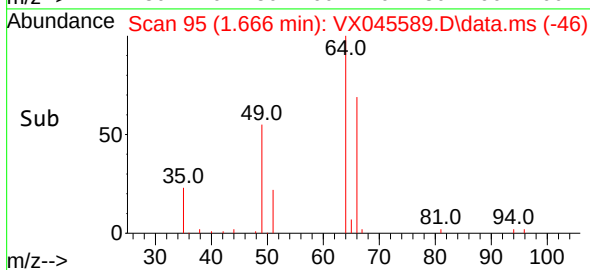
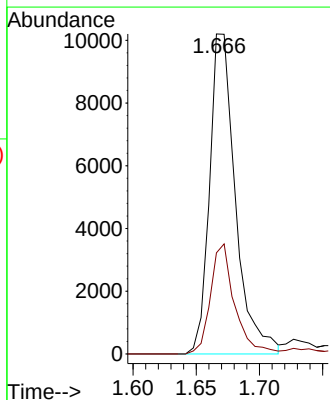
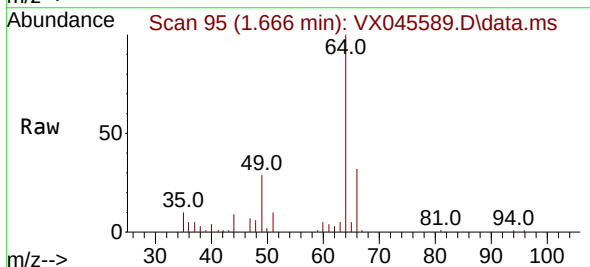
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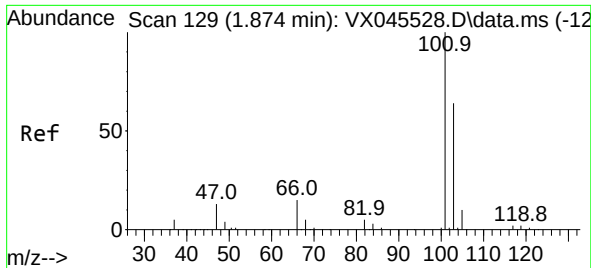
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#6
Chloroethane
Concen: 20.522 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045589.D
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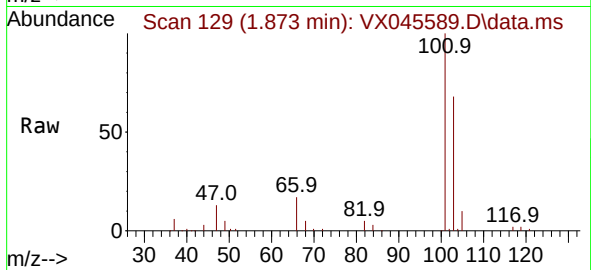
Tgt Ion: 64 Resp: 14563
Ion Ratio Lower Upper
64 100
66 31.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 20.139 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045589.D
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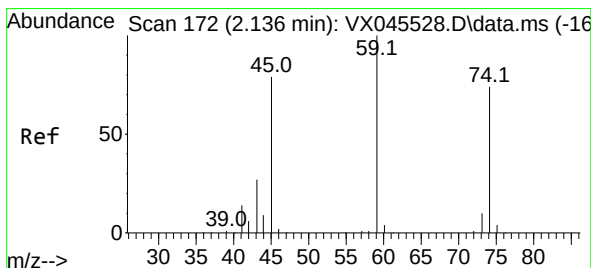
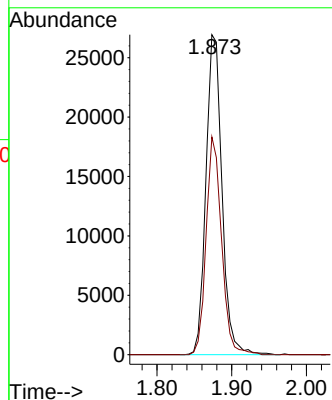
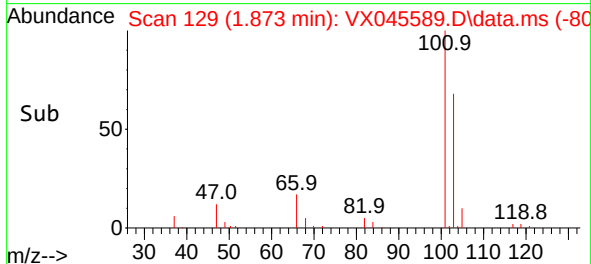
Instrument :
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Tgt Ion:101 Resp: 40168
Ion Ratio Lower Upper
101 100
103 68.1 51.1 76.7

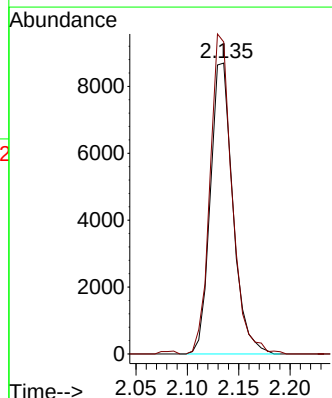
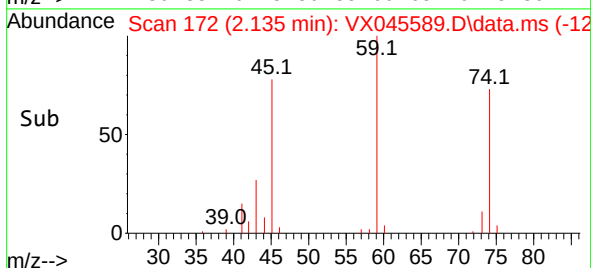
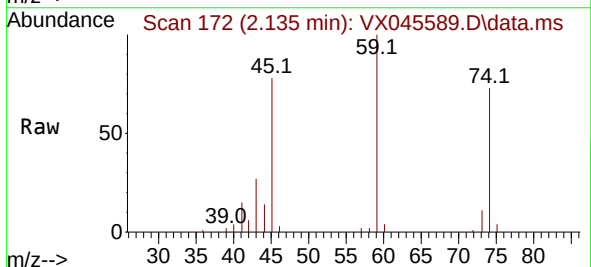
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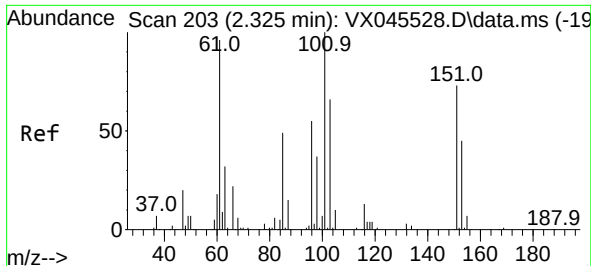
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#8
Diethyl Ether
Concen: 19.796 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045589.D
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Tgt Ion: 74 Resp: 13256
Ion Ratio Lower Upper
74 100
45 108.1 53.0 159.1





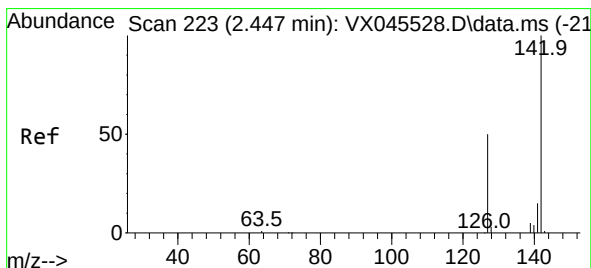
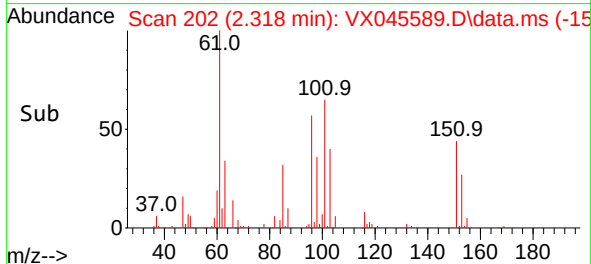
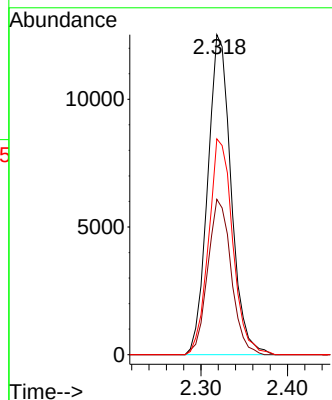
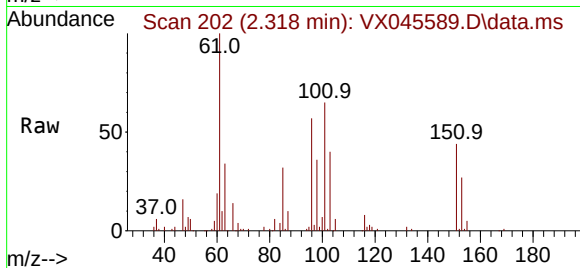
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.134 ug/l
RT: 2.318 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tgt Ion:101 Resp: 2353
Ion Ratio Lower Upper
101 100
85 48.6 38.9 58.3
151 69.7 57.5 86.3

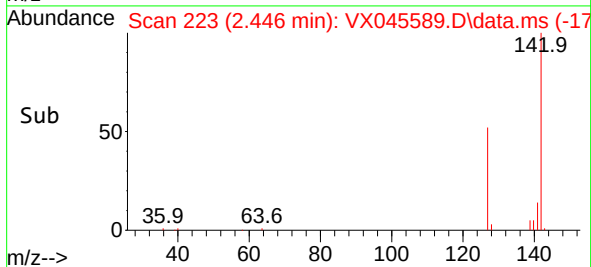
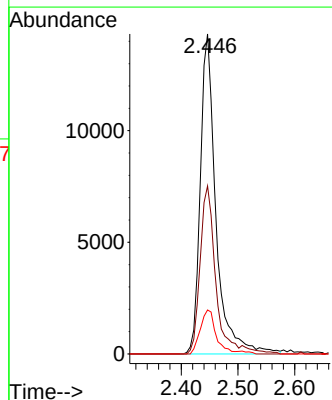
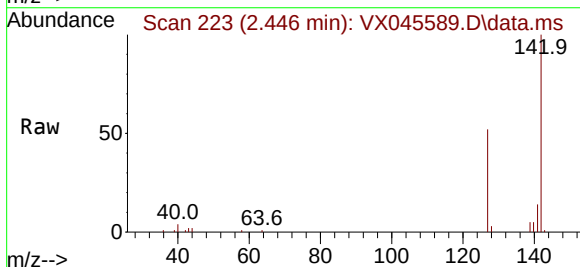
Manual Integrations
APPROVED

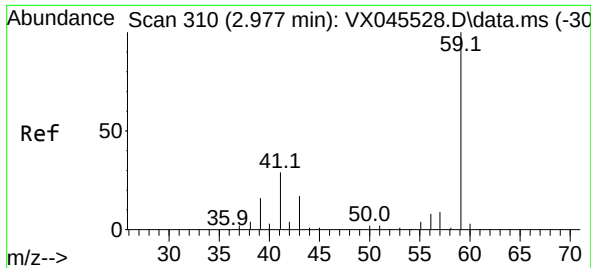
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#10
Methyl Iodide
Concen: 18.845 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Tgt Ion:142 Resp: 27472
Ion Ratio Lower Upper
142 100
127 53.0 40.2 60.4
141 14.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 96.466 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tgt Ion: 59 Resp: 2255

Ion Ratio Lower Upper

59 100

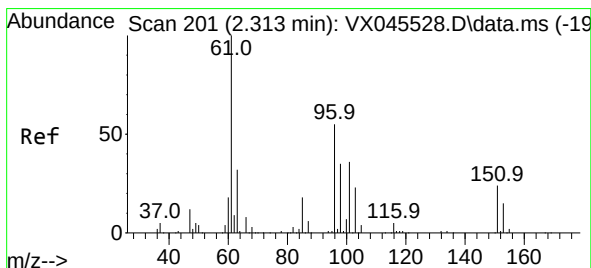
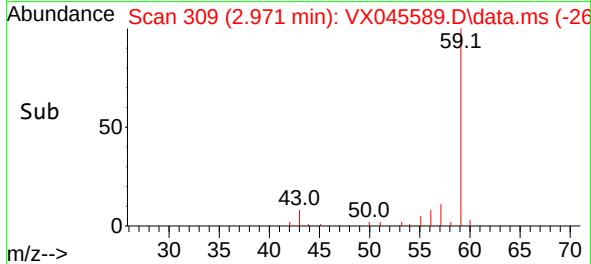
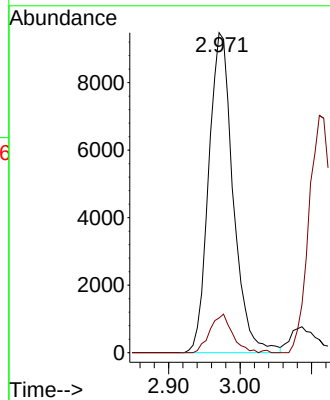
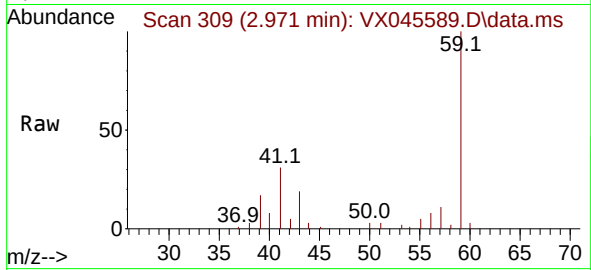
57 10.9 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#12

1,1-Dichloroethene

Concen: 19.364 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

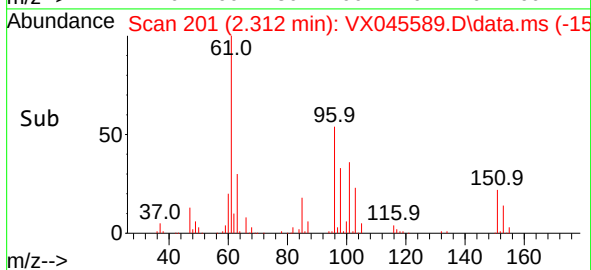
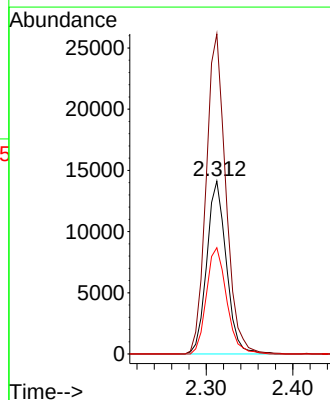
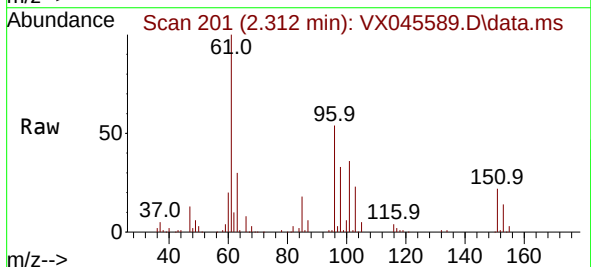
Tgt Ion: 96 Resp: 22114

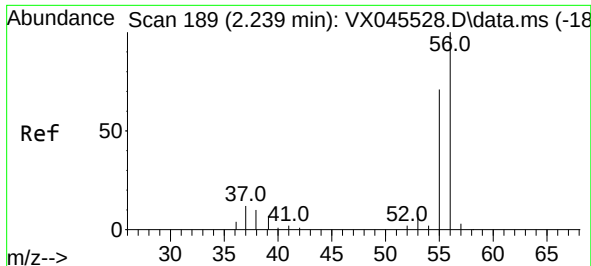
Ion Ratio Lower Upper

96 100

61 185.2 145.7 218.5

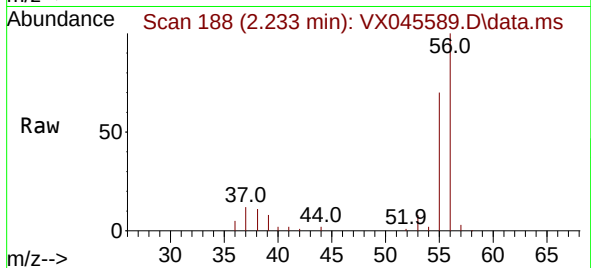
98 61.5 51.6 77.4





#13
Acrolein
Concen: 109.636 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

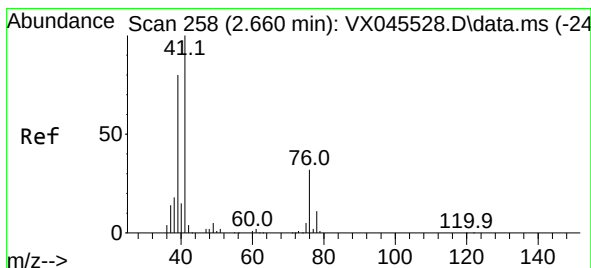
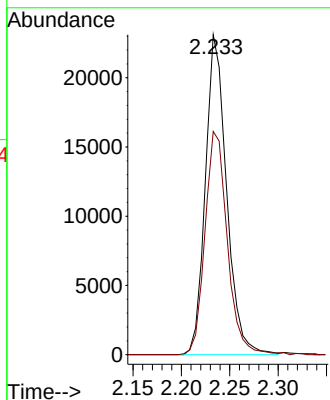
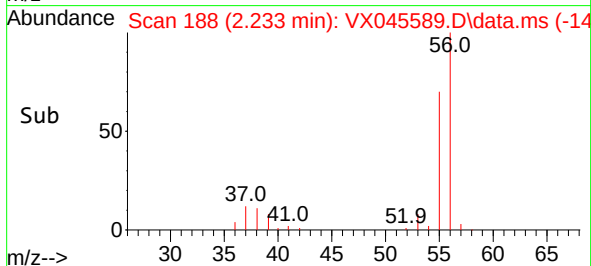
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



Tgt Ion: 56 Resp: 3529
Ion Ratio Lower Upper
56 100
55 73.5 56.2 84.2

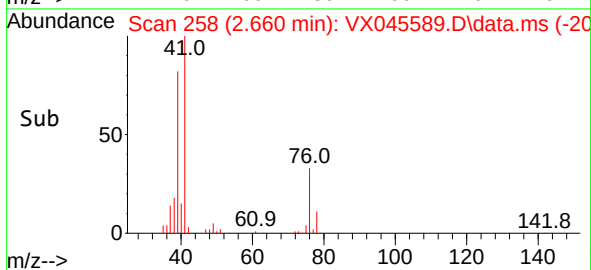
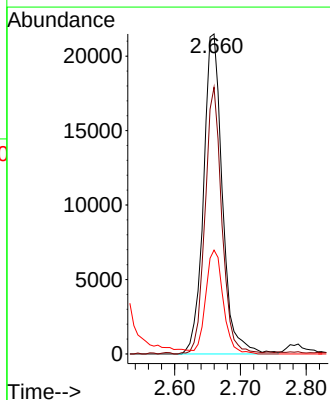
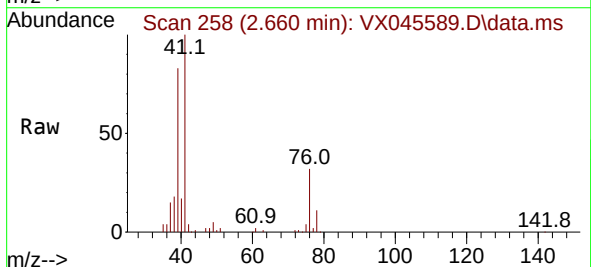
Manual Integrations
APPROVED

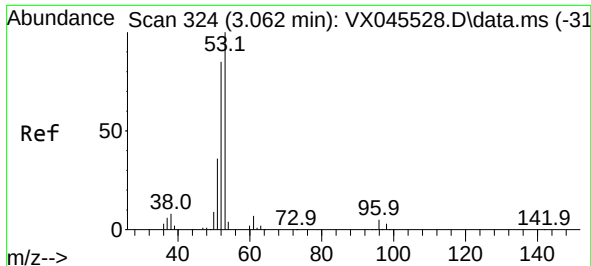
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#14
Allyl chloride
Concen: 19.831 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

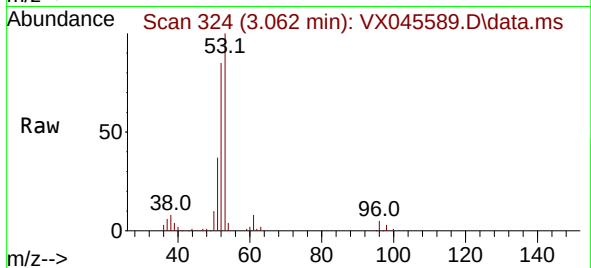
Tgt Ion: 41 Resp: 42970
Ion Ratio Lower Upper
41 100
39 74.3 60.2 90.2
76 30.2 24.6 36.8





#15
Acrylonitrile
Concen: 100.048 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

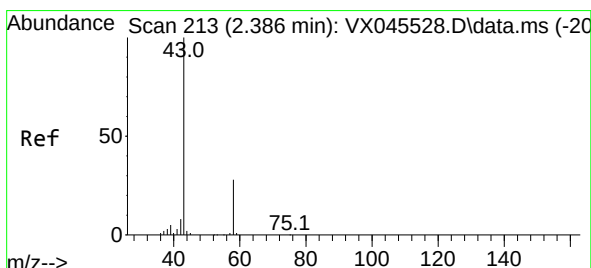
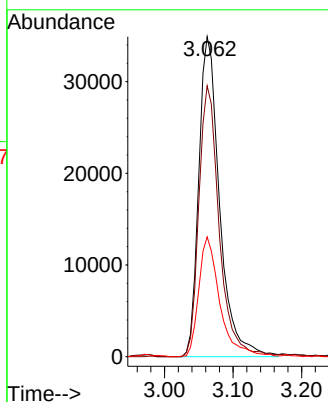
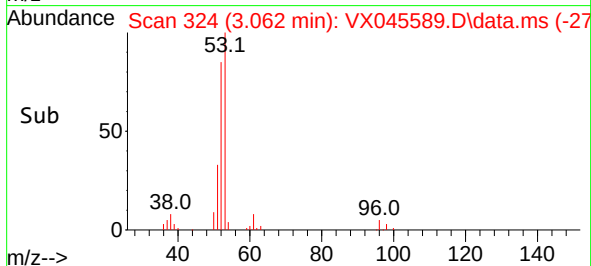
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



Tgt Ion: 53 Resp: 7383
Ion Ratio Lower Upper
53 100
52 82.8 67.4 101.2
51 38.0 29.9 44.9

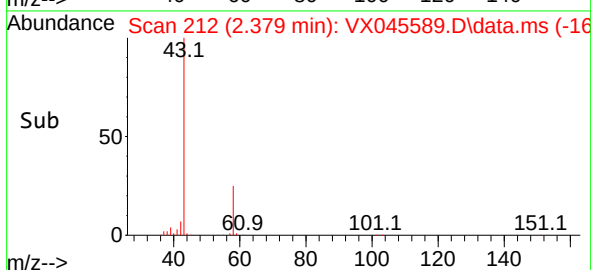
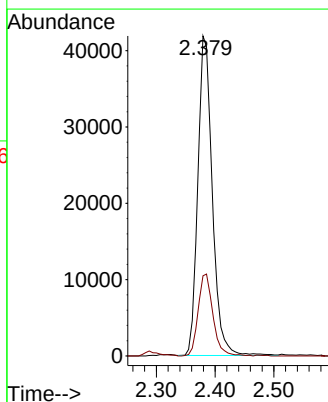
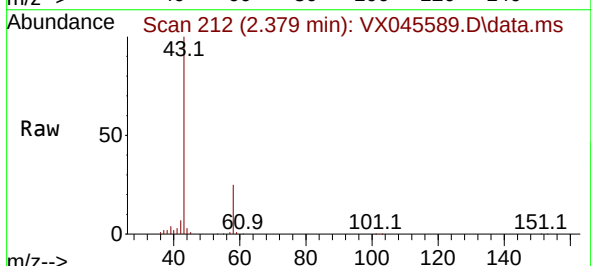
Manual Integrations
APPROVED

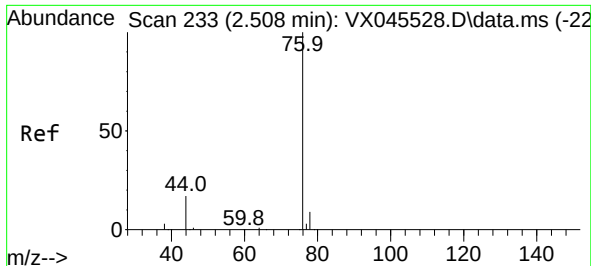
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#16
Acetone
Concen: 100.574 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

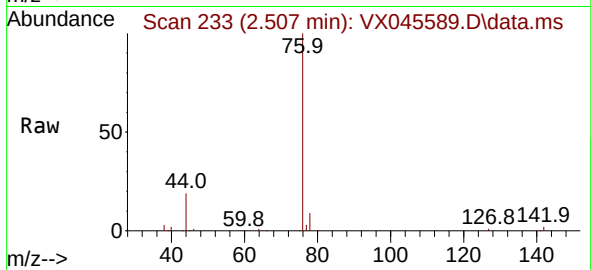
Tgt Ion: 43 Resp: 71844
Ion Ratio Lower Upper
43 100
58 25.1 22.3 33.5





#17
Carbon Disulfide
Concen: 18.361 ug/l
RT: 2.507 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

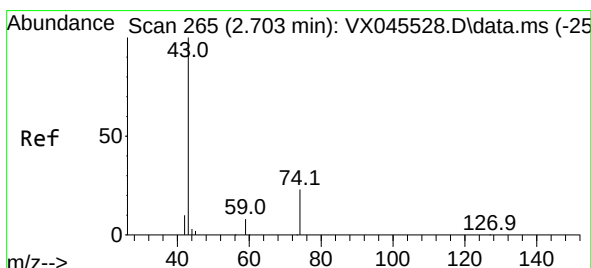
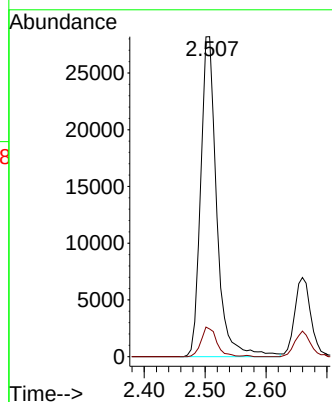
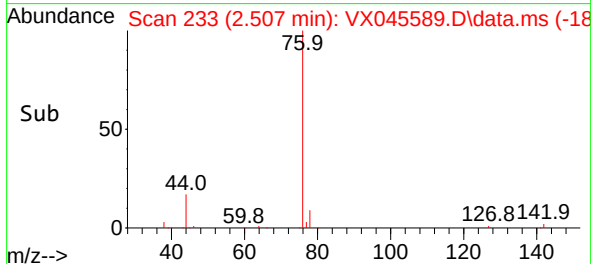
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



Tgt Ion: 76 Resp: 51789
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

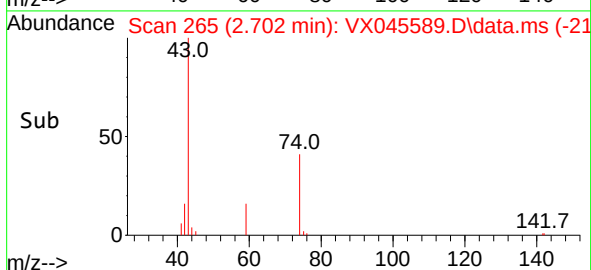
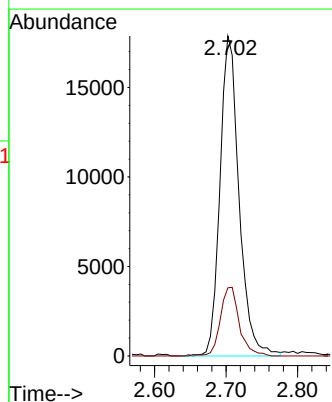
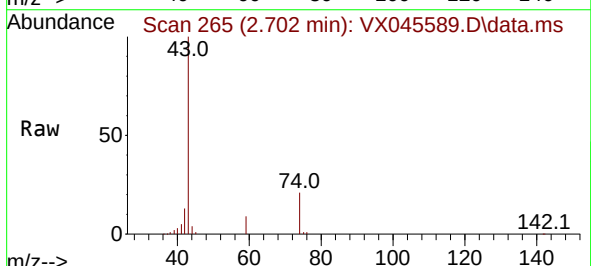
Manual Integrations
APPROVED

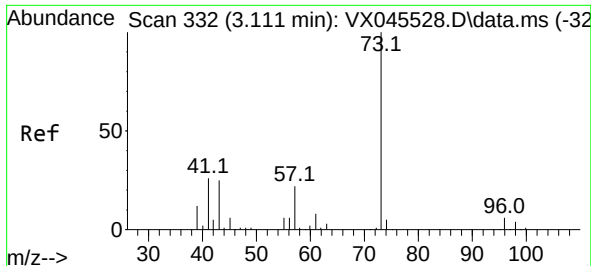
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#18
Methyl Acetate
Concen: 20.160 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Tgt Ion: 43 Resp: 33157
Ion Ratio Lower Upper
43 100
74 21.4 17.5 26.3





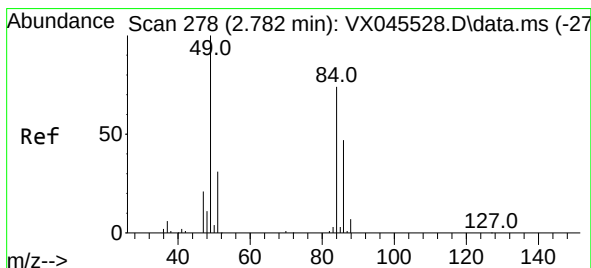
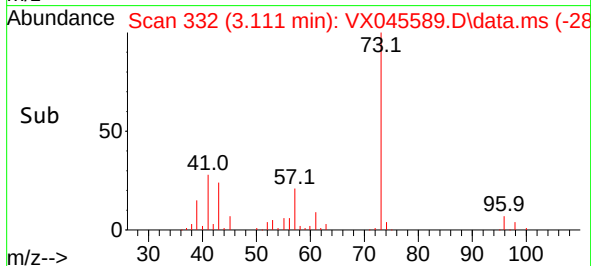
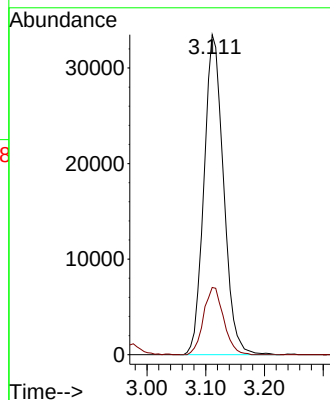
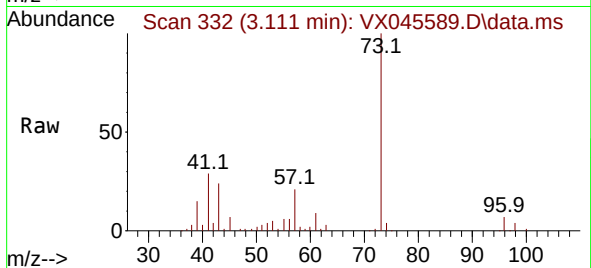
#19
Methyl tert-butyl Ether
Concen: 19.397 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tgt Ion: 73 Resp: 7749
Ion Ratio Lower Upper
73 100
57 21.0 17.6 26.4

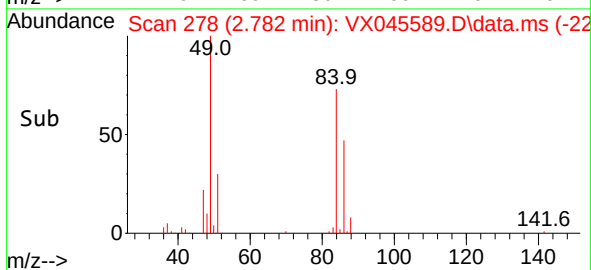
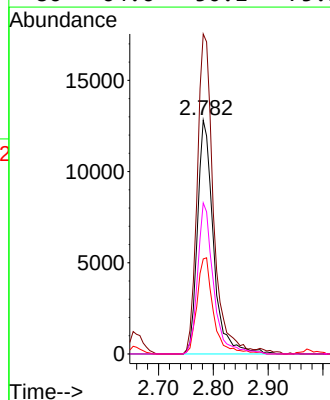
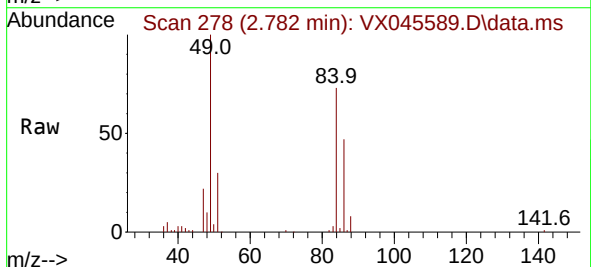
Manual Integrations
APPROVED

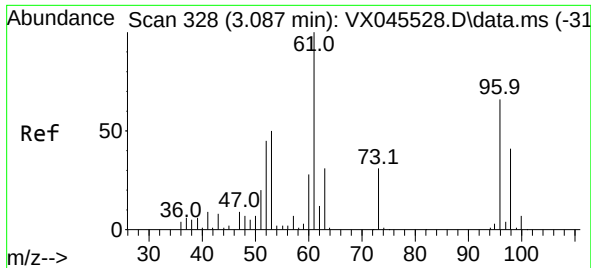
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#20
Methylene Chloride
Concen: 19.502 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

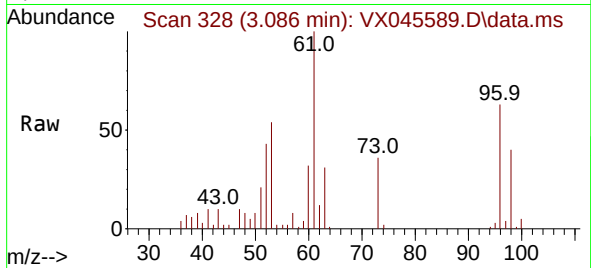
Tgt Ion: 84 Resp: 26080
Ion Ratio Lower Upper
84 100
49 136.8 107.5 161.3
51 40.7 33.0 49.6
86 64.6 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 19.646 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

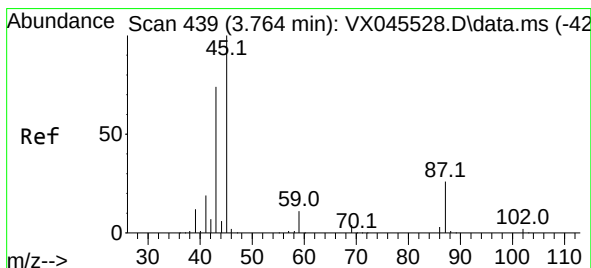
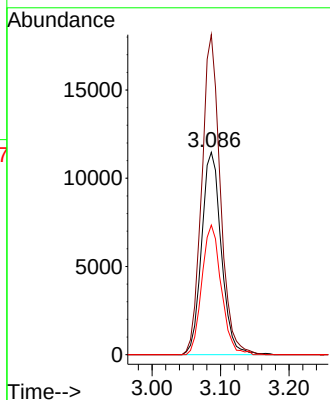
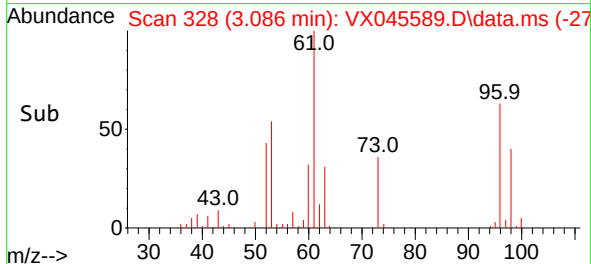
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



Tgt Ion: 96 Resp: 2292
Ion Ratio Lower Upper
96 100
61 158.2 121.0 181.6
98 64.0 49.7 74.5

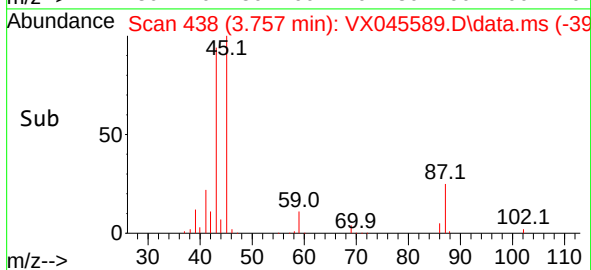
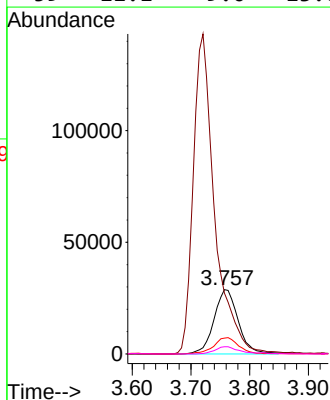
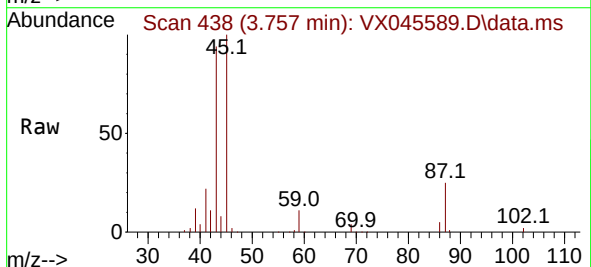
Manual Integrations
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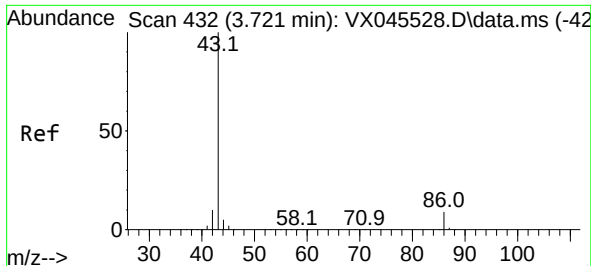
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#22
Diisopropyl ether
Concen: 19.265 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Tgt Ion: 45 Resp: 82229
Ion Ratio Lower Upper
45 100
43 92.3 59.3 88.9#
87 24.6 20.4 30.6
59 11.1 9.0 13.6





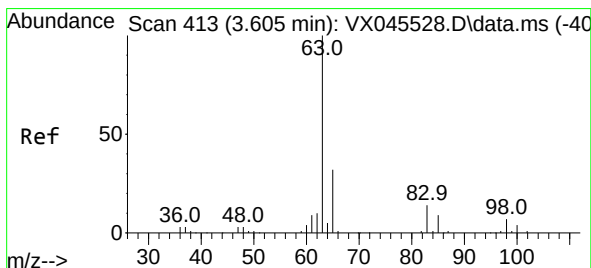
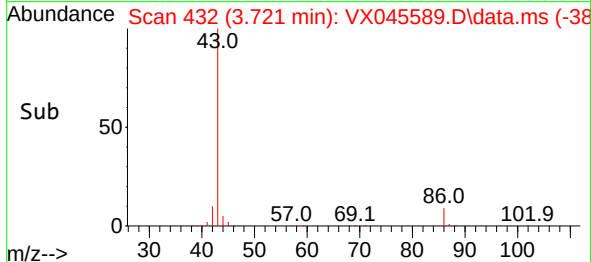
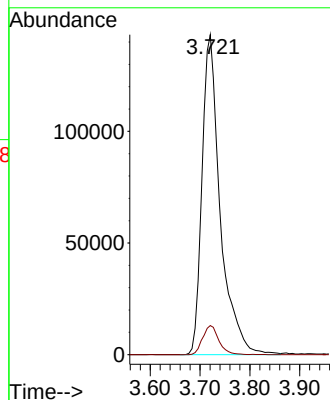
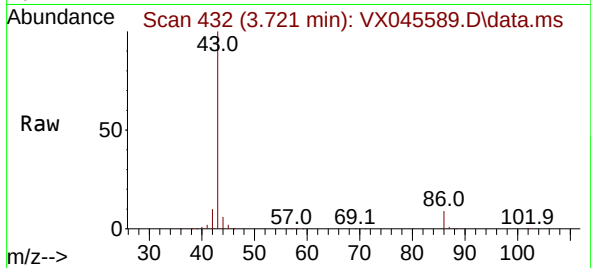
#23
 Vinyl Acetate
 Concen: 98.665 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX045589.D
 Acq: 04 Apr 2025 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Tgt Ion: 43 Resp: 36385
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3

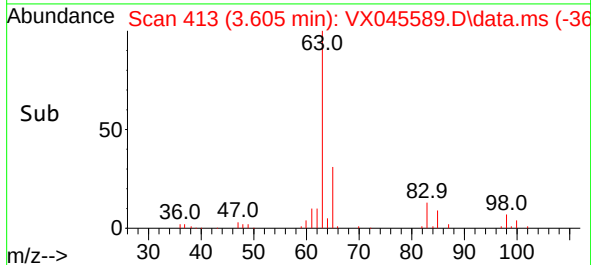
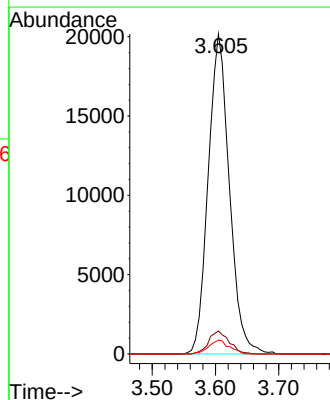
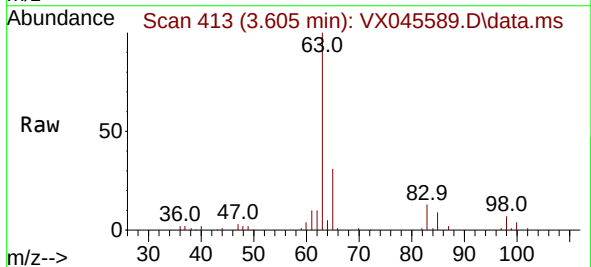
Manual Integrations
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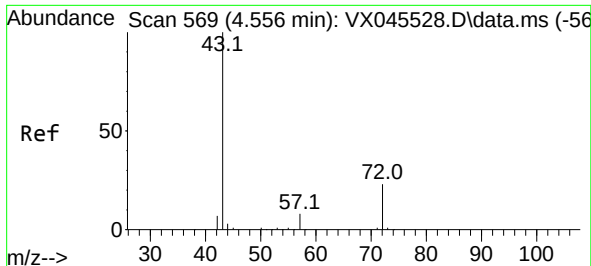
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#24
 1,1-Dichloroethane
 Concen: 19.451 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045589.D
 Acq: 04 Apr 2025 11:14

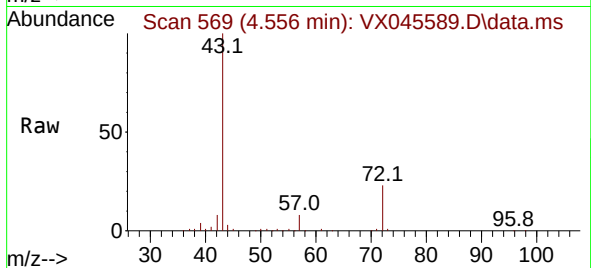
Tgt Ion: 63 Resp: 46953
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.3 2.2 6.6





#25
2-Butanone
Concen: 101.462 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

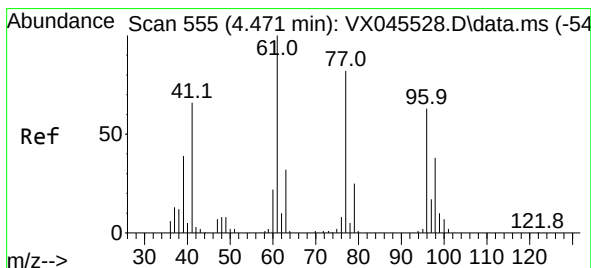
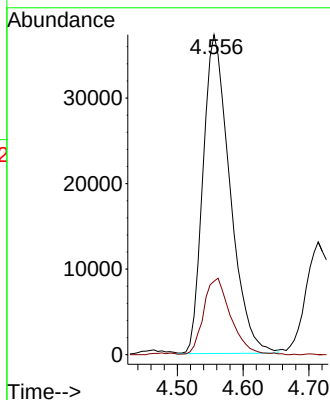
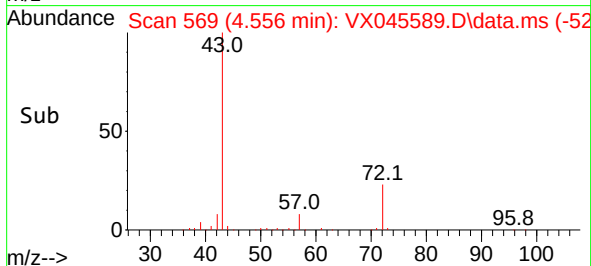
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



Tgt Ion: 43 Resp: 10609
Ion Ratio Lower Upper
43 100
72 22.9 18.6 28.0

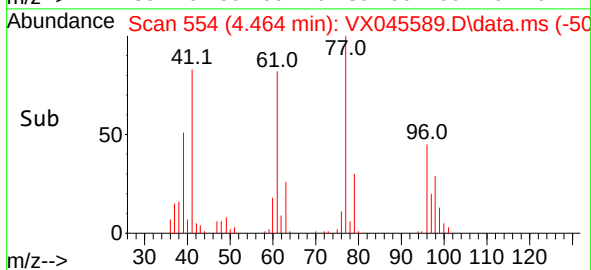
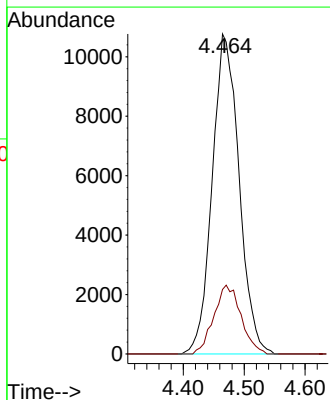
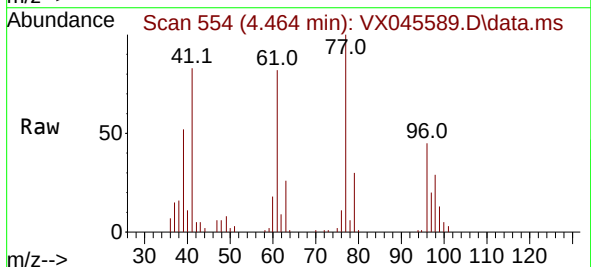
Manual Integrations
APPROVED

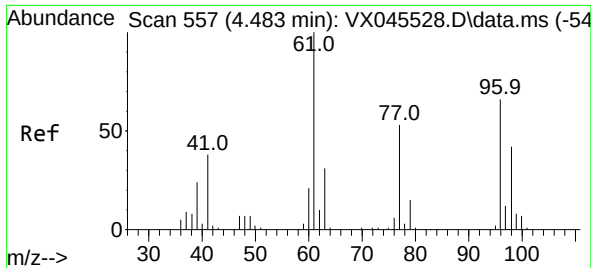
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#26
2,2-Dichloropropane
Concen: 21.073 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

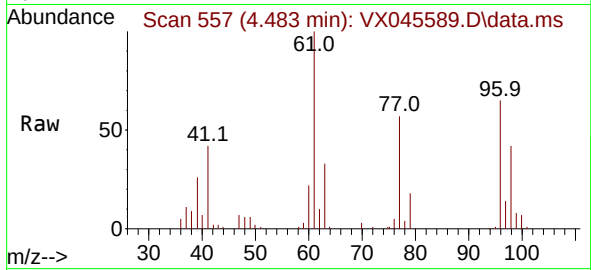
Tgt Ion: 77 Resp: 32865
Ion Ratio Lower Upper
77 100
97 21.8 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.156 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX045589.D
 Acq: 04 Apr 2025 11:14

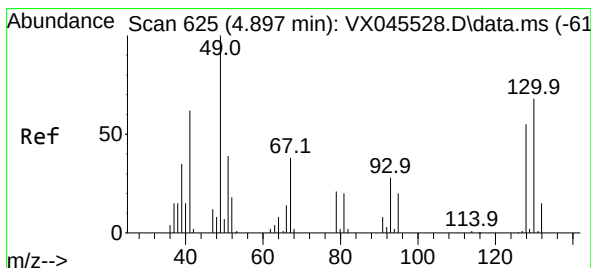
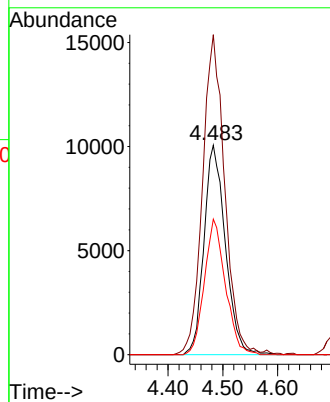
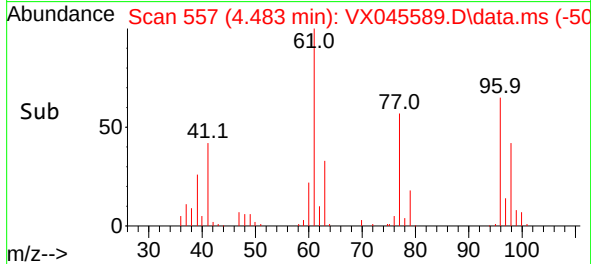
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01



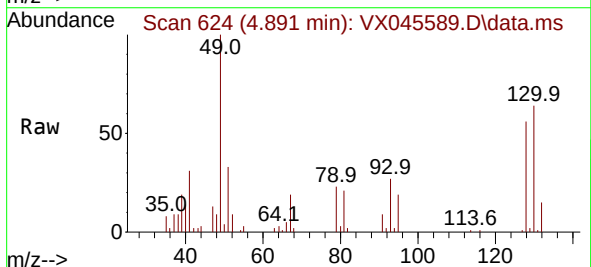
Tgt Ion: 96 Resp: 27229
 Ion Ratio Lower Upper
 96 100
 61 157.7 0.0 313.2
 98 63.6 0.0 126.4

Manual Integrations
 APPROVED

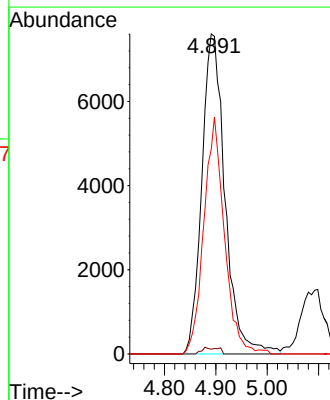
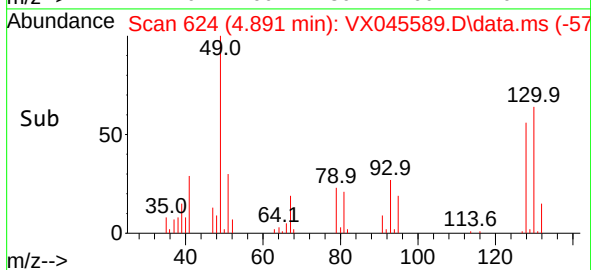
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025

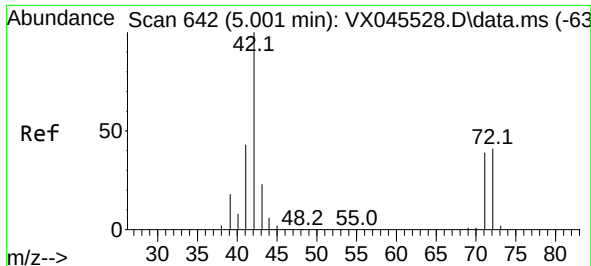


#28
 Bromochloromethane
 Concen: 20.399 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045589.D
 Acq: 04 Apr 2025 11:14



Tgt Ion: 49 Resp: 23795
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.8
 130 65.5 54.6 81.8





#29

Tetrahydrofuran

Concen: 97.791 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

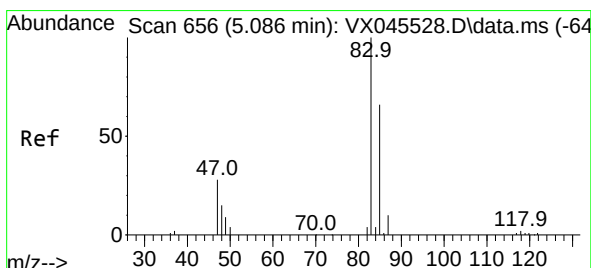
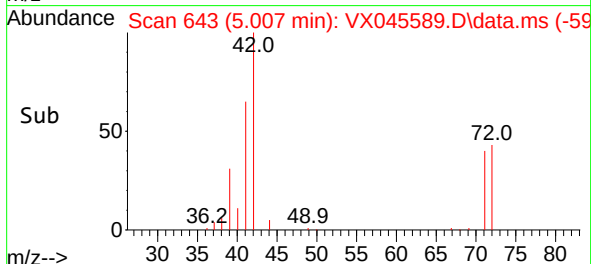
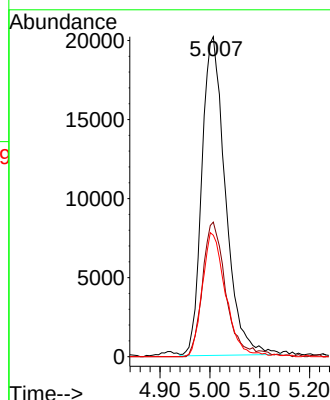
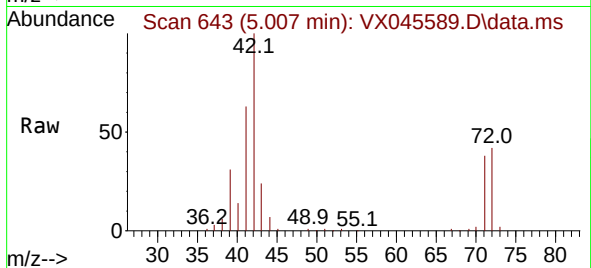
Tgt Ion: 42 Resp: 66295
 Ion Ratio Lower Upper
 42 100
 72 42.0 33.4 50.0
 71 38.4 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#30

Chloroform

Concen: 19.797 ug/l

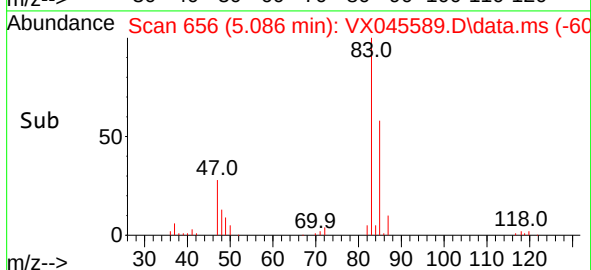
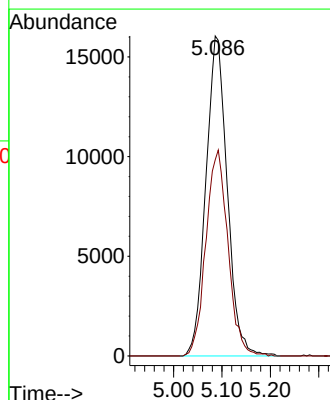
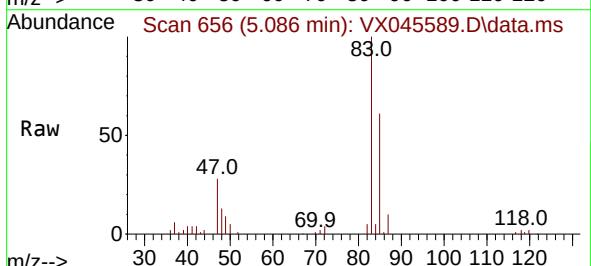
RT: 5.086 min Scan# 656

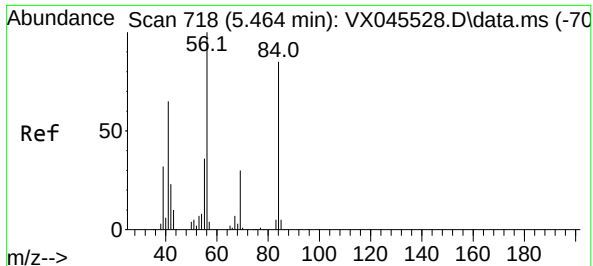
Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

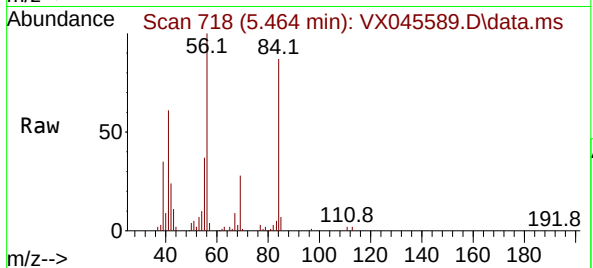
Tgt Ion: 83 Resp: 49173
 Ion Ratio Lower Upper
 83 100
 85 61.3 52.8 79.2





#31
Cyclohexane
Concen: 19.493 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

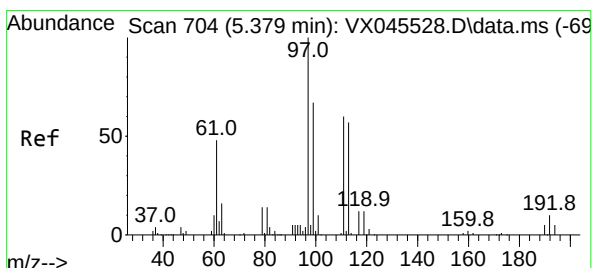
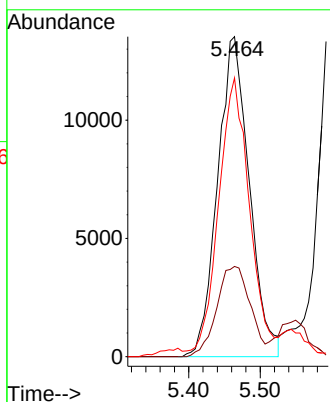
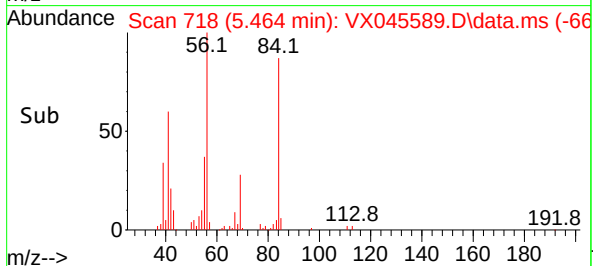
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



Tgt Ion: 56 Resp: 41598
Ion Ratio Lower Upper
56 100
69 28.2 23.6 35.4
84 84.4 67.7 101.5

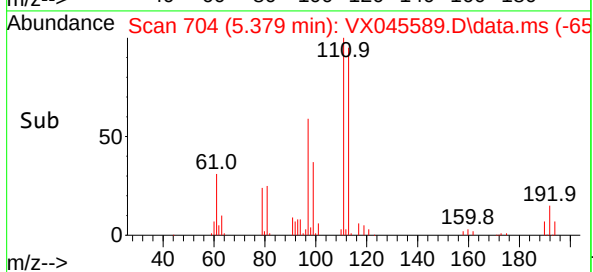
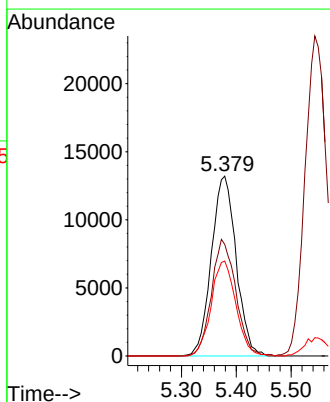
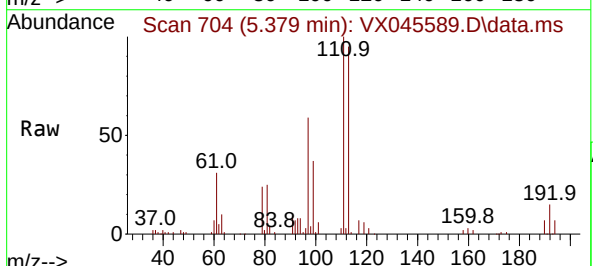
Manual Integrations
APPROVED

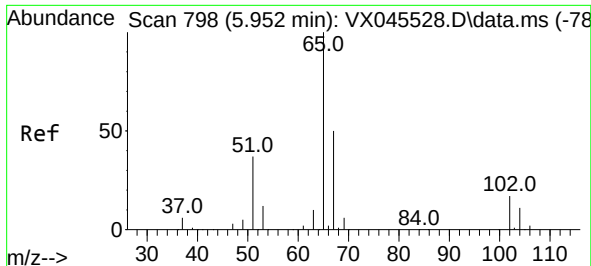
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#32
1,1,1-Trichloroethane
Concen: 19.747 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Tgt Ion: 97 Resp: 41502
Ion Ratio Lower Upper
97 100
99 63.4 51.7 77.5
61 52.7 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 52.873 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tgt Ion: 65 Resp: 91980

Ion Ratio Lower Upper

65 100

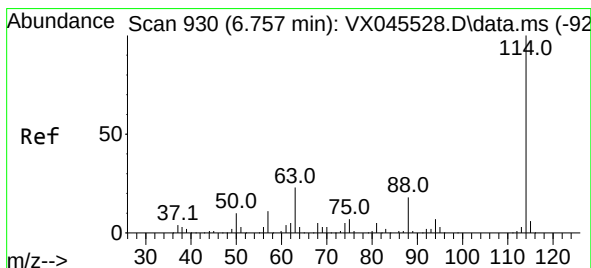
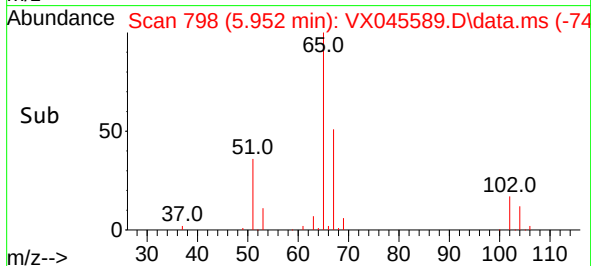
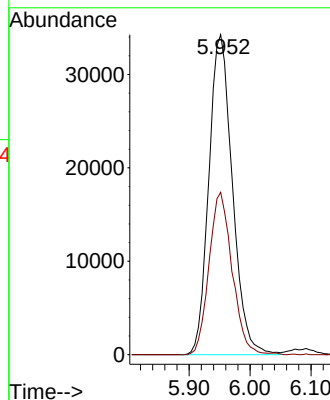
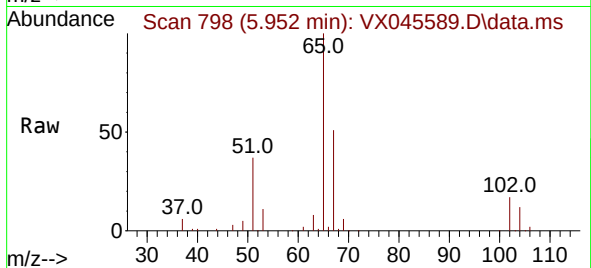
67 49.8 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

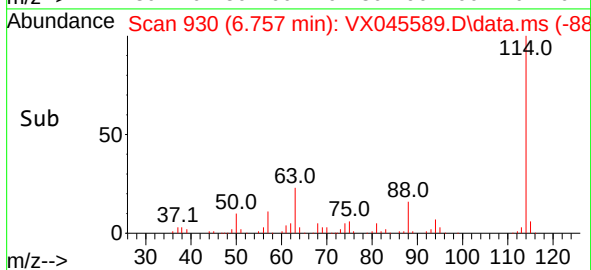
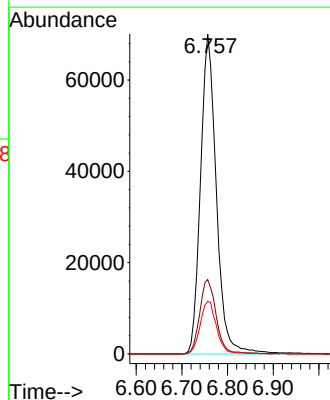
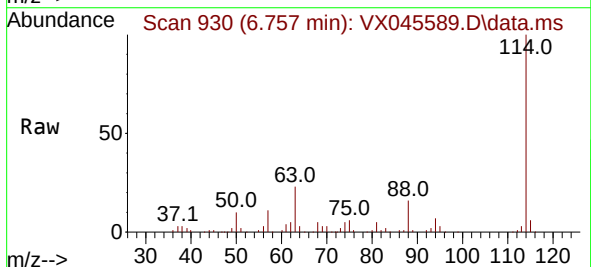
Tgt Ion:114 Resp: 168453

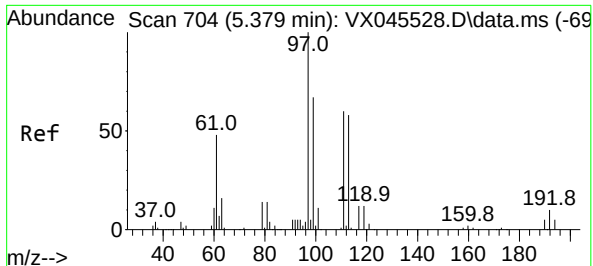
Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.8

88 16.5 0.0 35.4





#35

Dibromofluoromethane

Concen: 53.280 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045589.D

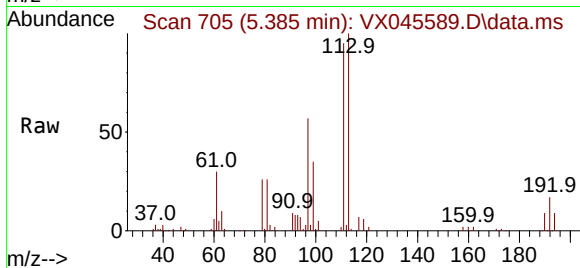
Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01



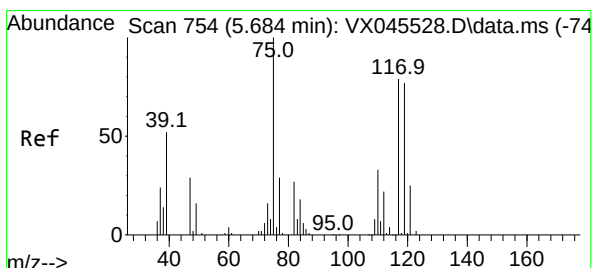
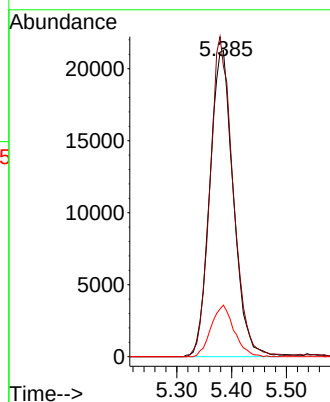
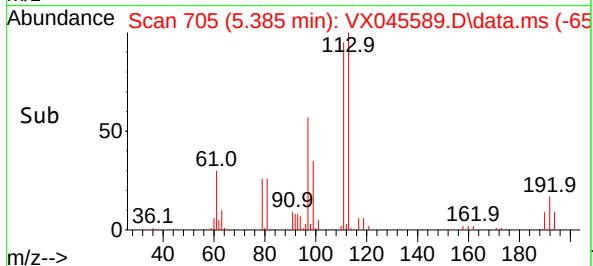
Tgt Ion:	113	Resp:	63679
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.6
192	16.3	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#36

1,1-Dichloropropene

Concen: 19.807 ug/l

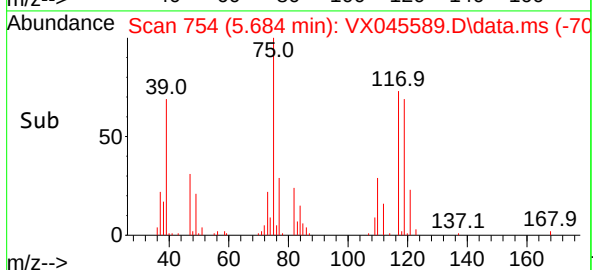
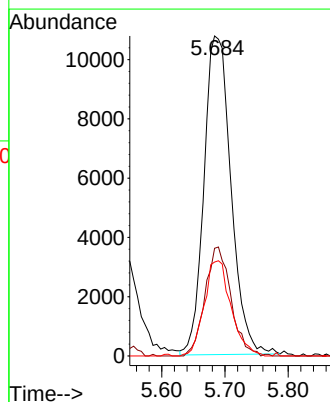
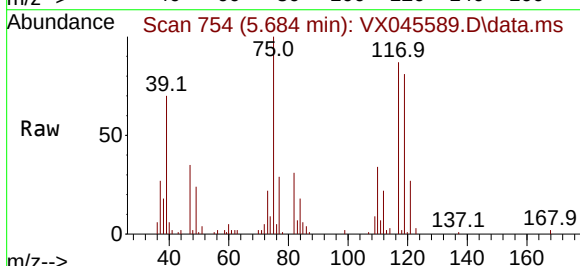
RT: 5.684 min Scan# 754

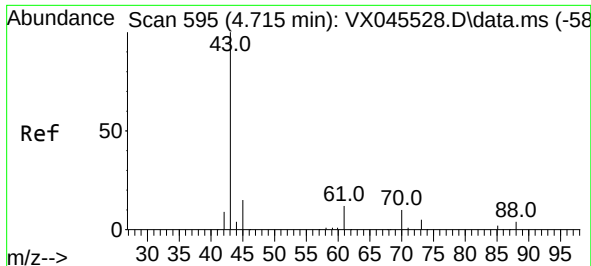
Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Tgt Ion:	75	Resp:	31963
Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.9	50.6
77	29.7	25.0	37.4





#37

Ethyl Acetate

Concen: 18.957 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

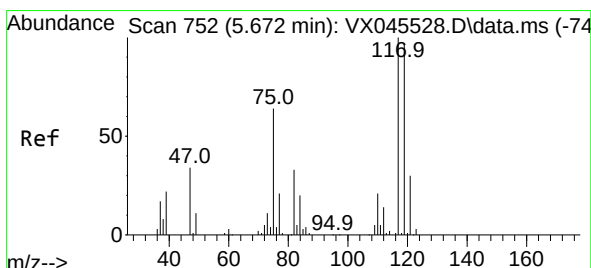
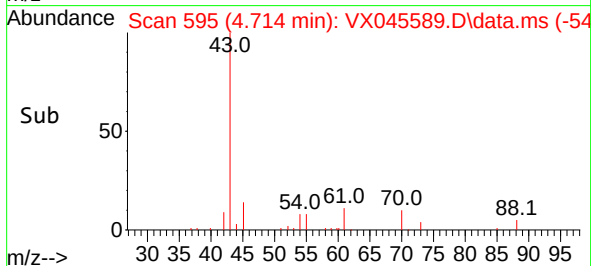
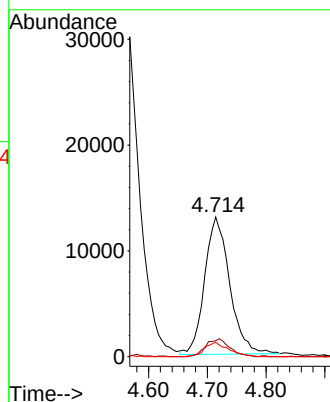
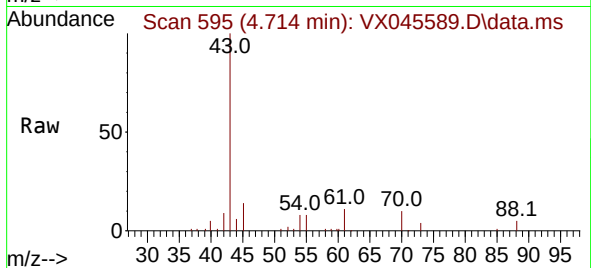
Tgt Ion: 43	Resp: 3855
Ion Ratio	Lower Upper
43 100	
61 12.5	9.9 14.9
70 10.0	7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#38

Carbon Tetrachloride

Concen: 20.204 ug/l

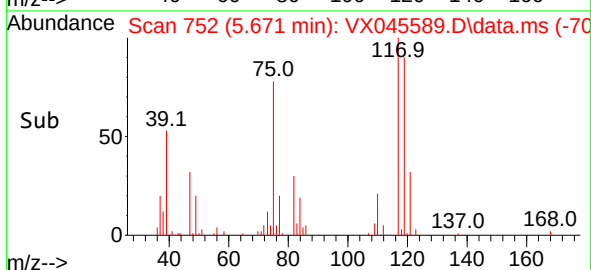
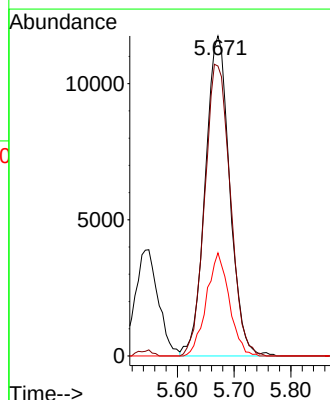
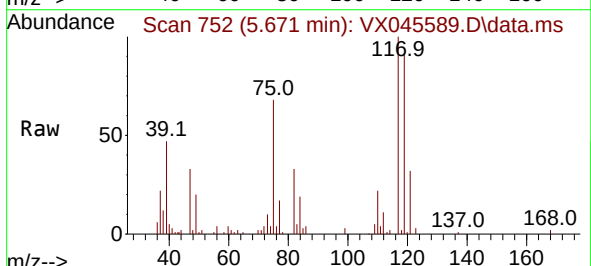
RT: 5.671 min Scan# 752

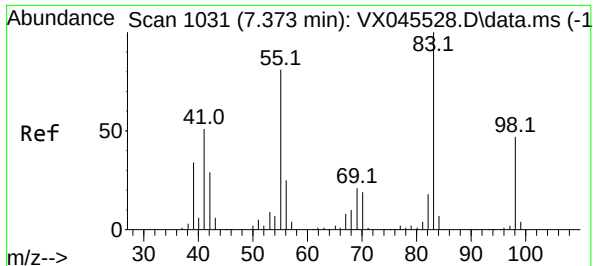
Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Tgt Ion: 117	Resp: 35237
Ion Ratio	Lower Upper
117 100	
119 90.6	76.9 115.3
121 32.2	24.2 36.2





#39

Methylcyclohexane

Concen: 19.990 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

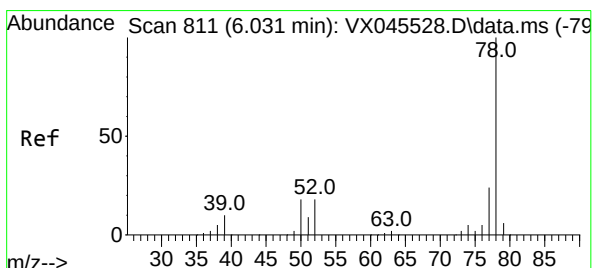
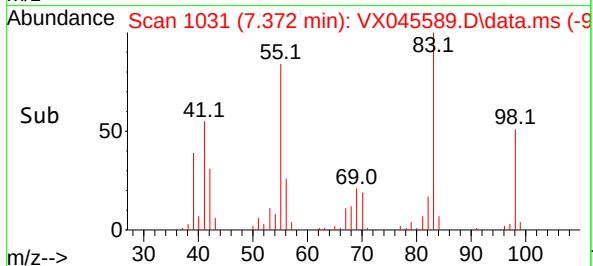
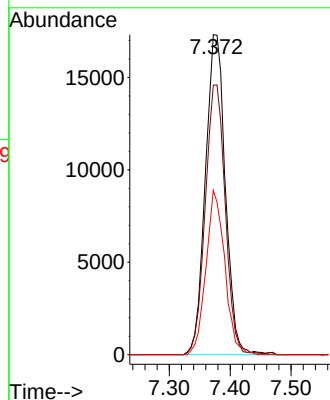
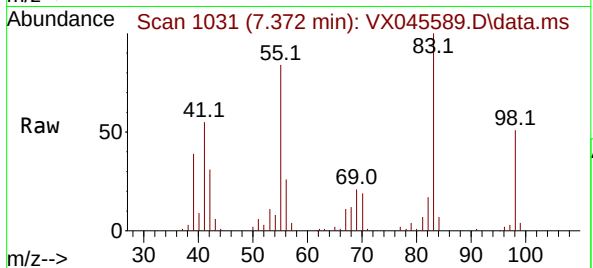
Tgt Ion: 83	Resp: 3954
Ion Ratio	Lower Upper
83 100	
55 84.2	64.9 97.3
98 51.4	37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#40

Benzene

Concen: 19.865 ug/l

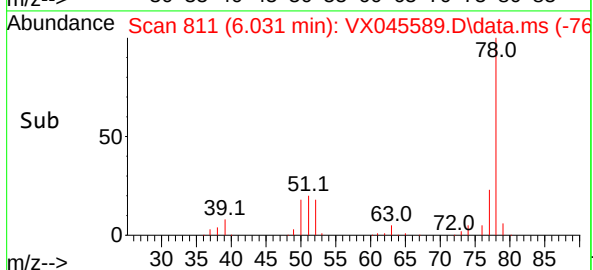
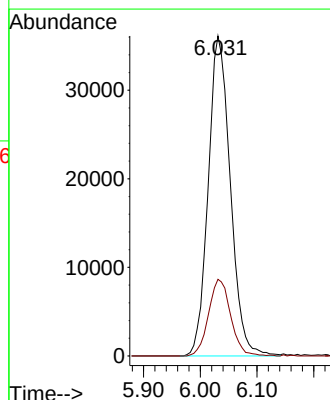
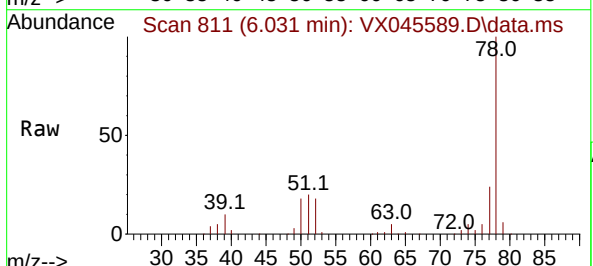
RT: 6.031 min Scan# 811

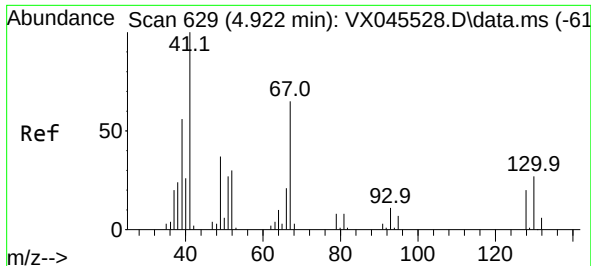
Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Tgt Ion: 78	Resp: 97905
Ion Ratio	Lower Upper
78 100	
77 24.0	19.0 28.6





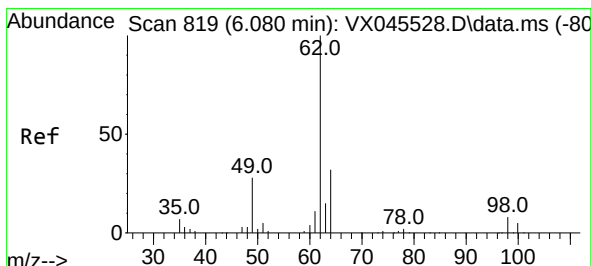
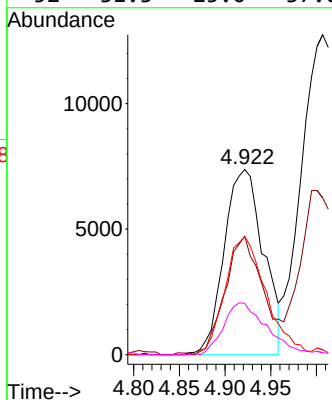
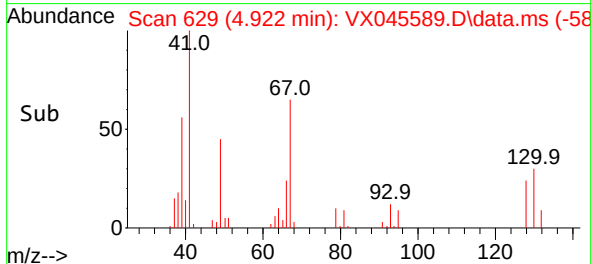
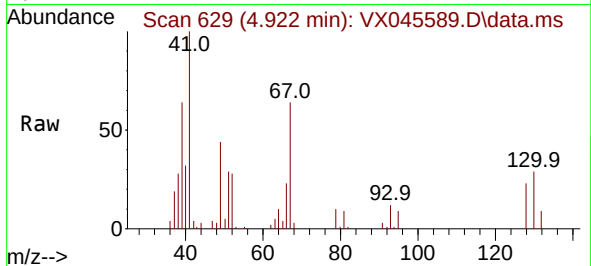
#41
Methacrylonitrile
Concen: 20.585 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tgt Ion: 41	Resp: 2208
Ion Ratio	Lower Upper
41 100	
39 62.5	47.0 70.6
67 66.4	53.2 79.8
52 31.3	25.0 37.6

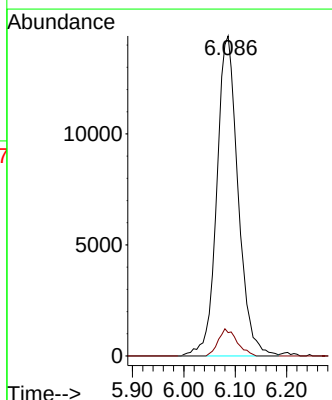
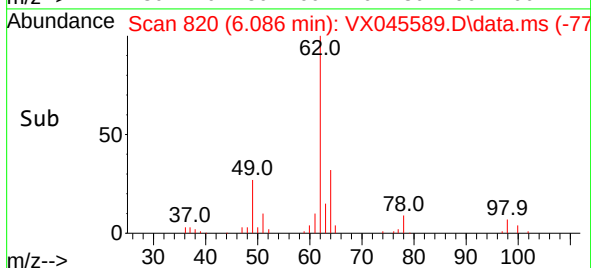
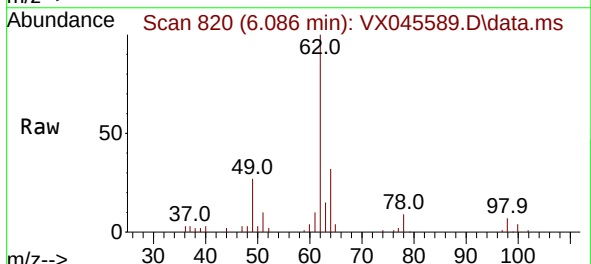
Manual Integrations
APPROVED

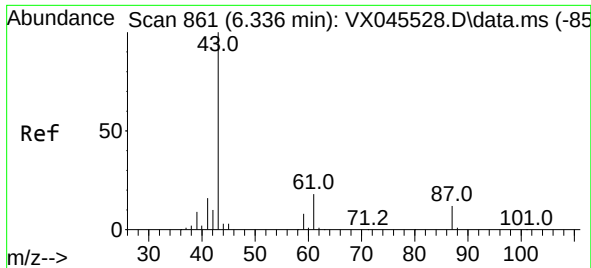
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#42
1,2-Dichloroethane
Concen: 20.364 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

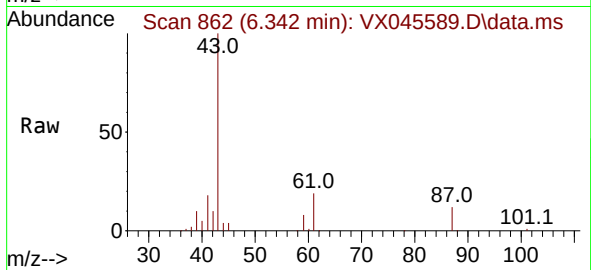
Tgt Ion: 62	Resp: 41452
Ion Ratio	Lower Upper
62 100	
98 7.5	0.0 15.2





#43
Isopropyl Acetate
Concen: 19.244 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

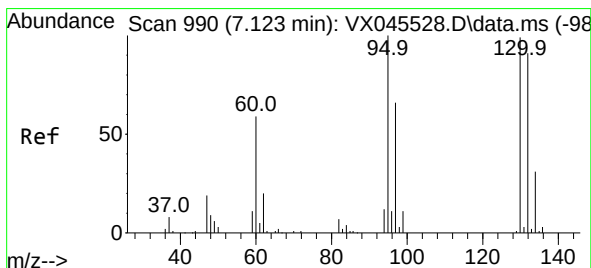
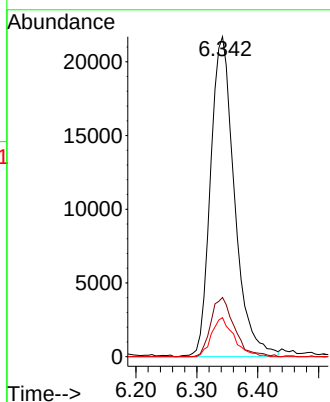
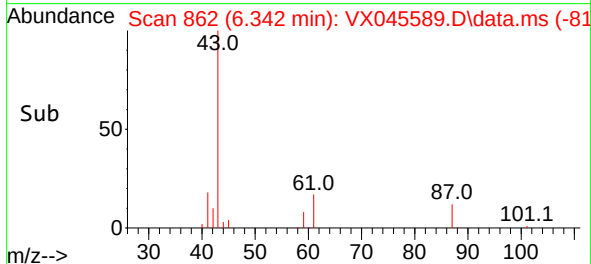
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



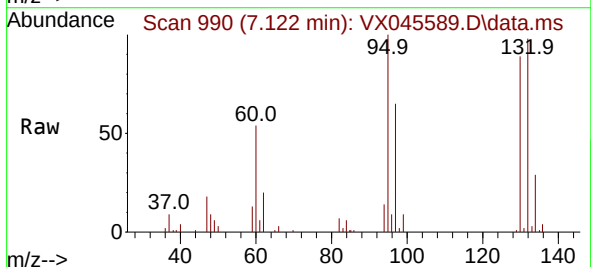
Tgt Ion: 43 Resp: 59314
Ion Ratio Lower Upper
43 100
61 18.1 14.1 21.1
87 11.3 9.2 13.8

Manual Integrations
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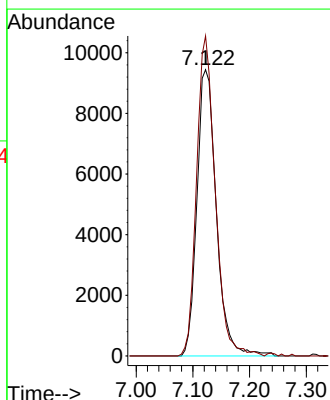
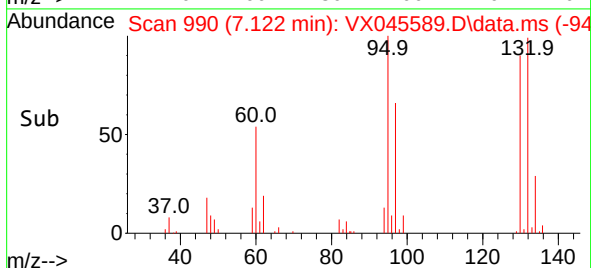
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

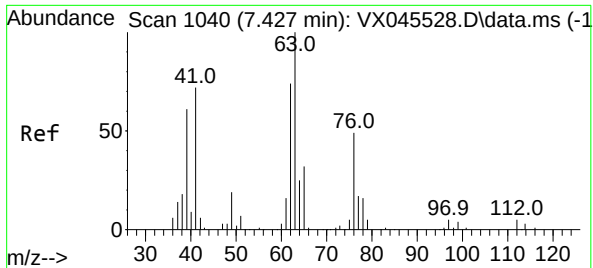


#44
Trichloroethene
Concen: 19.237 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14



Tgt Ion:130 Resp: 22535
Ion Ratio Lower Upper
130 100
95 111.8 0.0 202.0





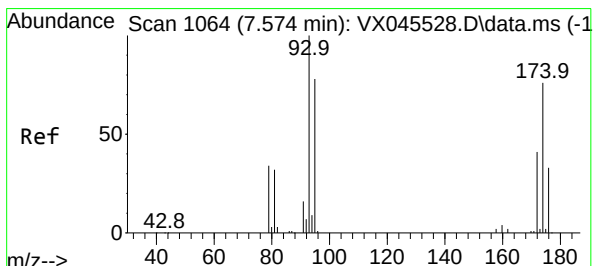
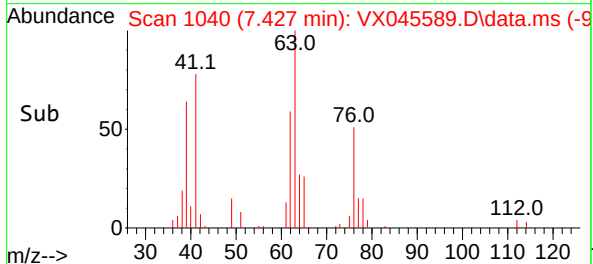
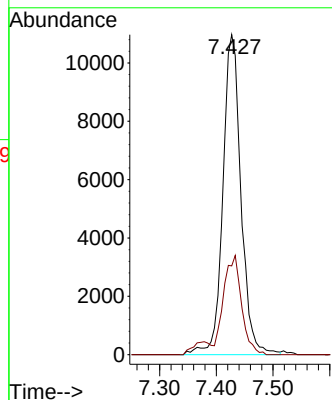
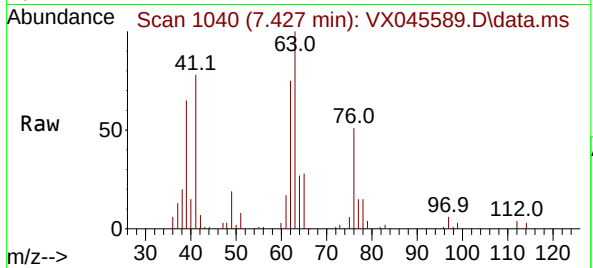
#45
1,2-Dichloropropane
Concen: 19.804 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tgt Ion: 63 Resp: 2435
Ion Ratio Lower Upper
63 100
65 27.7 25.8 38.6

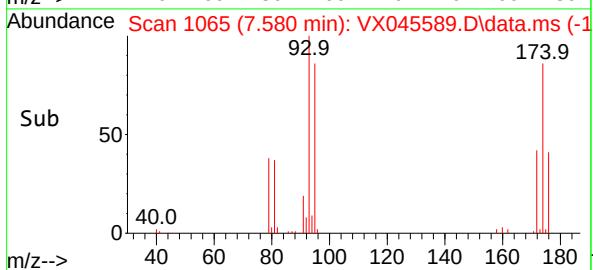
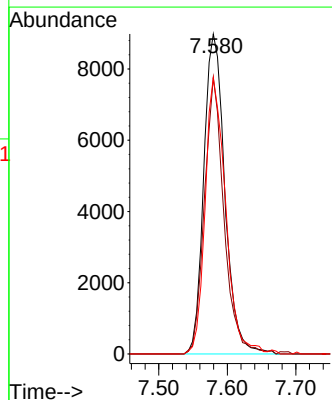
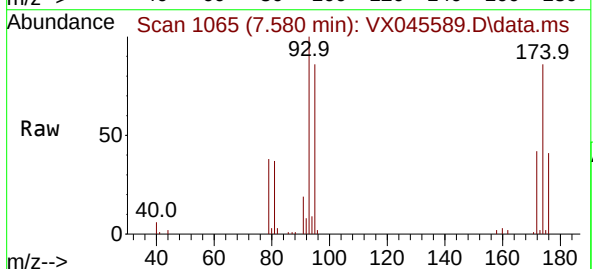
Manual Integrations
APPROVED

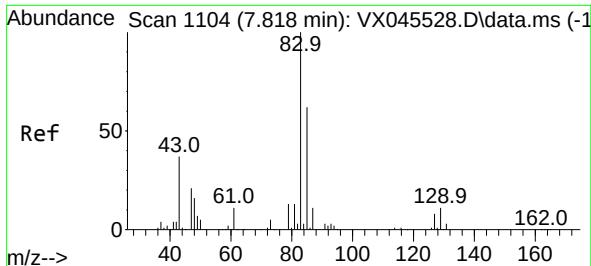
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#46
Dibromomethane
Concen: 20.328 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

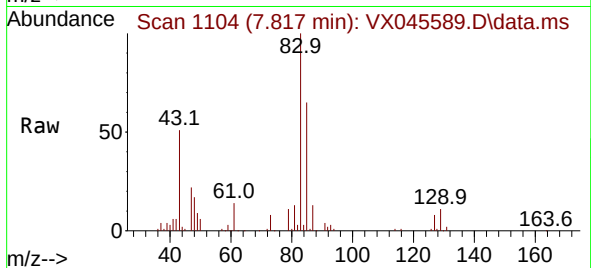
Tgt Ion: 93 Resp: 19189
Ion Ratio Lower Upper
93 100
95 80.6 64.8 97.2
174 84.3 65.4 98.0





#47
Bromodichloromethane
Concen: 19.932 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

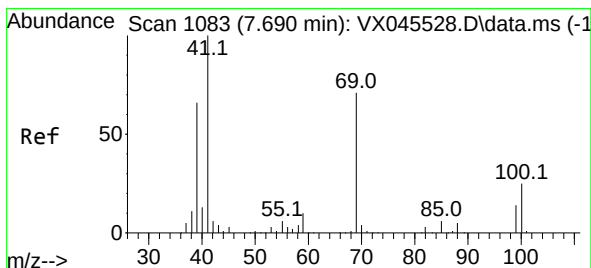
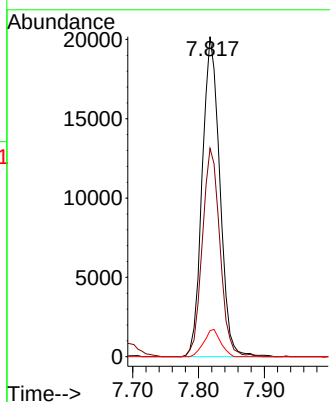
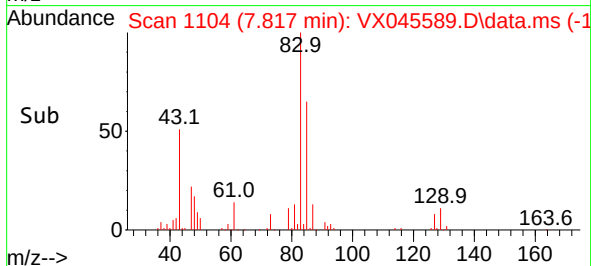
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



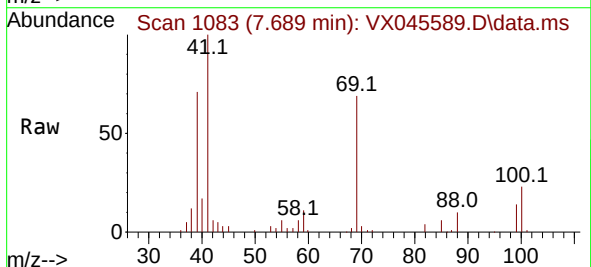
Tgt Ion: 83 Resp: 3757
Ion Ratio Lower Upper
83 100
85 65.1 49.7 74.5
127 8.1 6.1 9.1

Manual Integrations
APPROVED

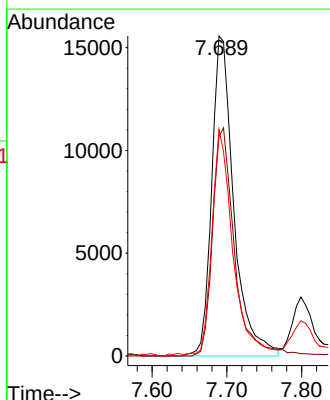
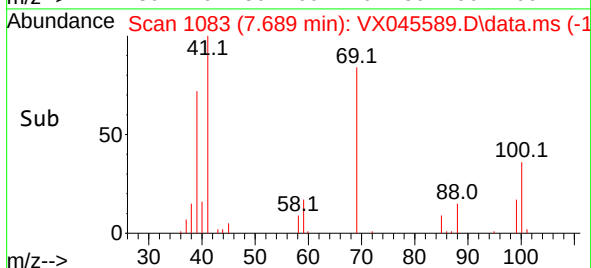
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

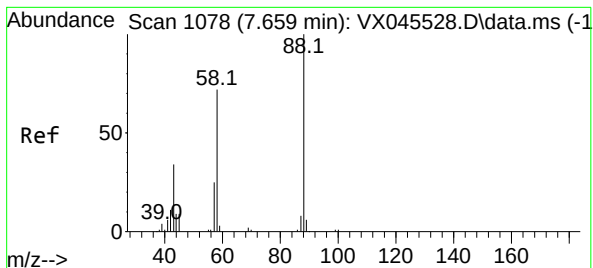


#48
Methyl methacrylate
Concen: 20.104 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14



Tgt Ion: 41 Resp: 31993
Ion Ratio Lower Upper
41 100
69 71.6 58.2 87.2
39 65.8 53.6 80.4





#49

1,4-Dioxane

Concen: 414.998 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tgt Ion: 88 Resp: 11949

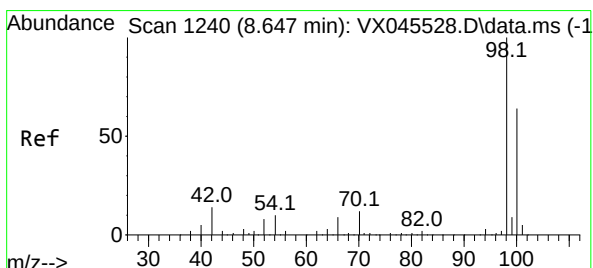
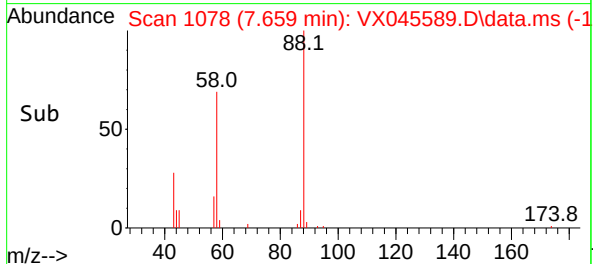
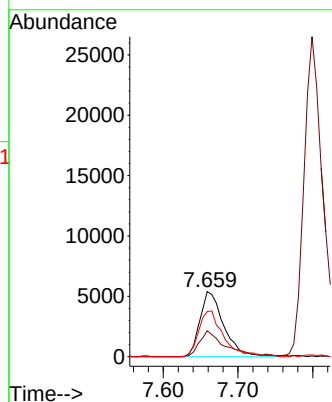
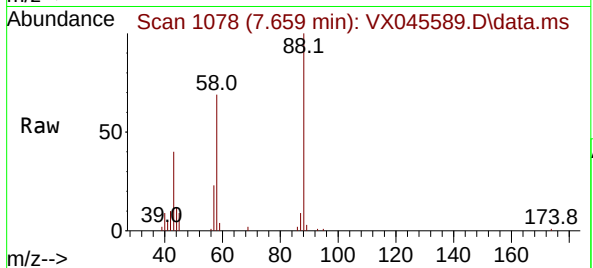
Ion	Ratio	Lower	Upper
88	100		
43	42.4	32.2	48.4
58	72.6	58.6	88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#50

Toluene-d8

Concen: 53.195 ug/l

RT: 8.646 min Scan# 1240

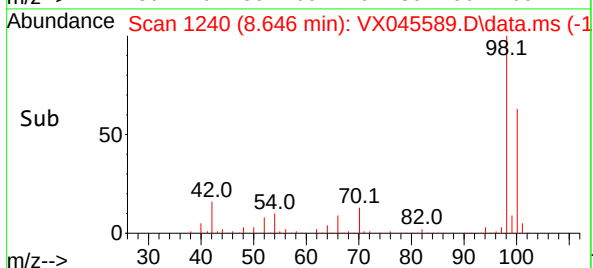
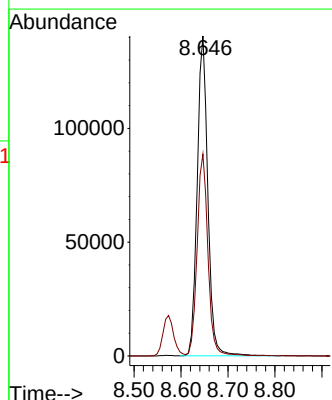
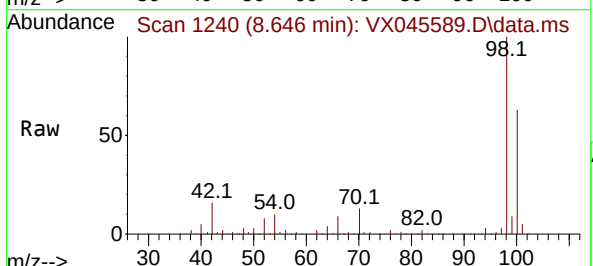
Delta R.T. -0.000 min

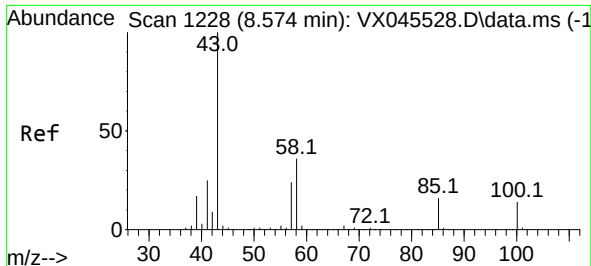
Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Tgt Ion: 98 Resp: 221910

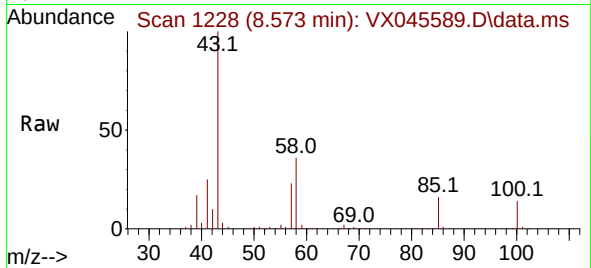
Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.2	78.4





#51
4-Methyl-2-Pentanone
Concen: 102.524 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

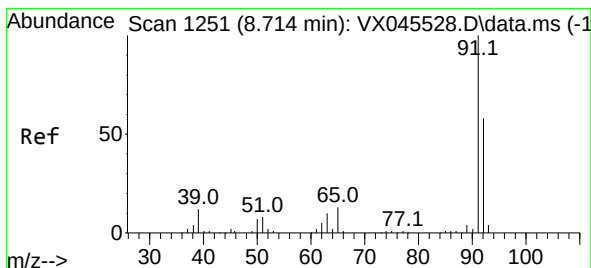
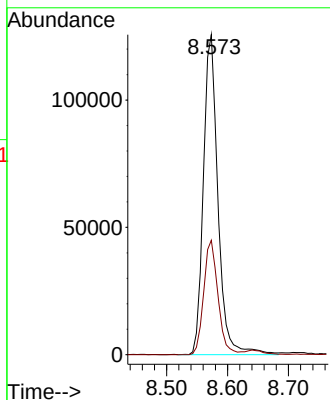
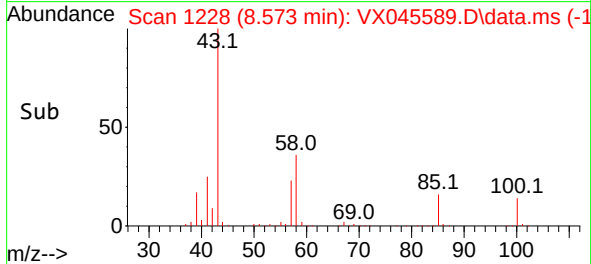
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



Tgt Ion: 43 Resp: 20948
Ion Ratio Lower Upper
43 100
58 35.0 28.5 42.7

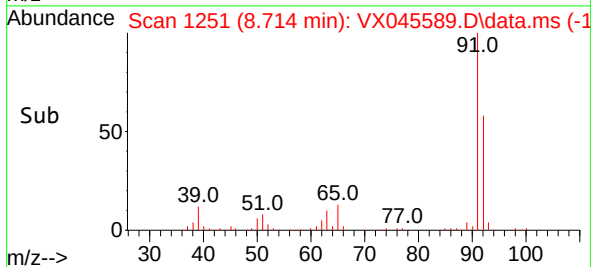
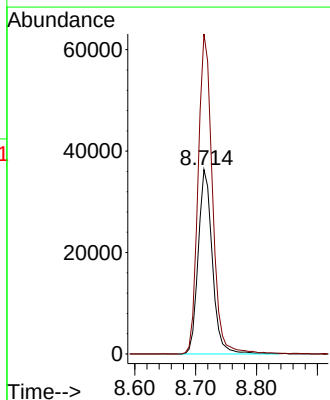
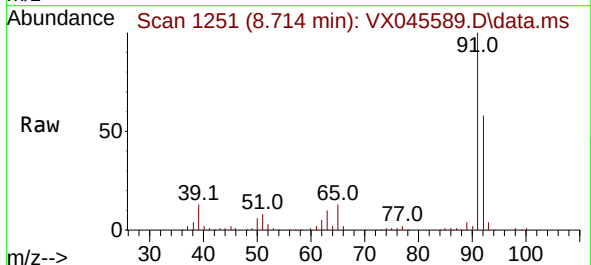
Manual Integrations
APPROVED

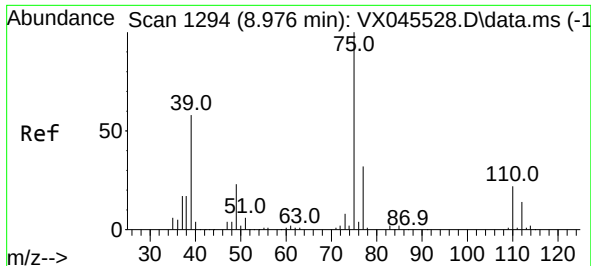
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#52
Toluene
Concen: 19.623 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Tgt Ion: 92 Resp: 58522
Ion Ratio Lower Upper
92 100
91 176.2 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 18.474 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tgt Ion: 75 Resp: 30749

Ion Ratio Lower Upper

75 100

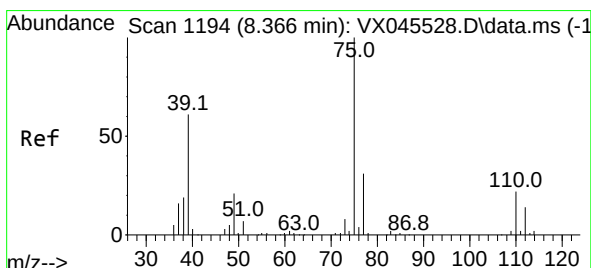
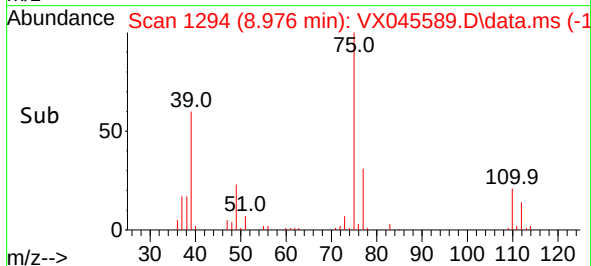
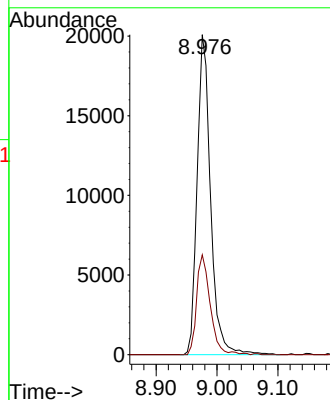
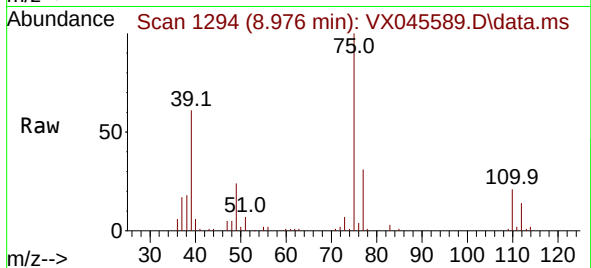
77 31.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#54

cis-1,3-Dichloropropene

Concen: 19.846 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

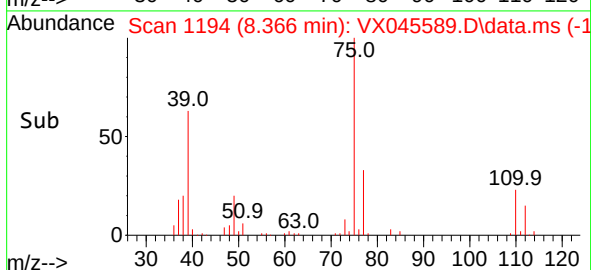
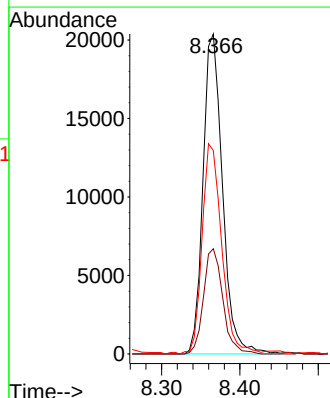
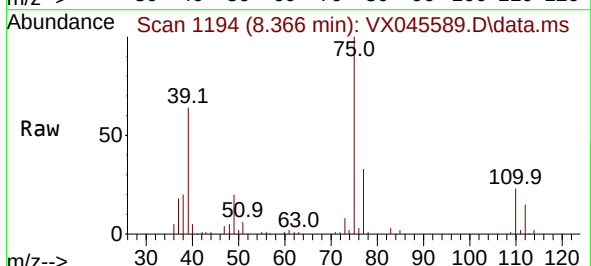
Tgt Ion: 75 Resp: 35158

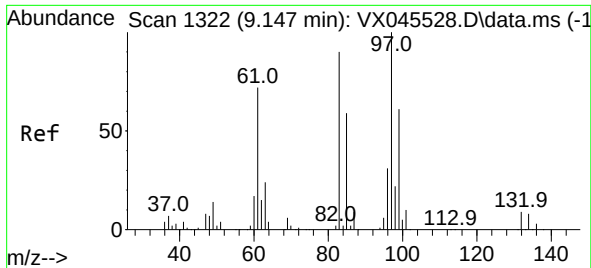
Ion Ratio Lower Upper

75 100

77 32.9 24.6 36.8

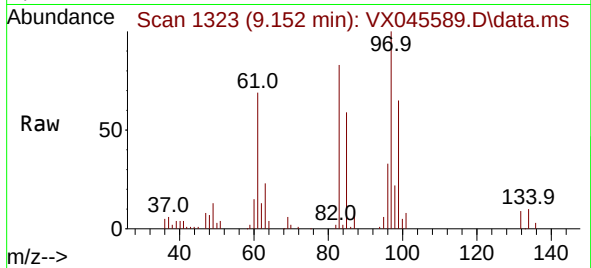
39 63.6 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 20.482 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

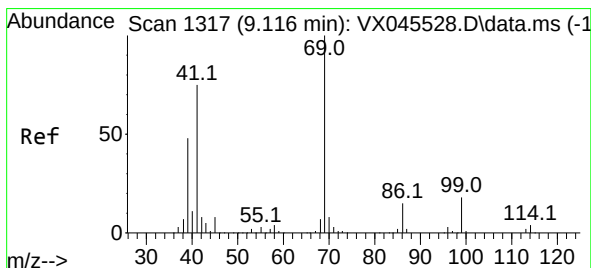
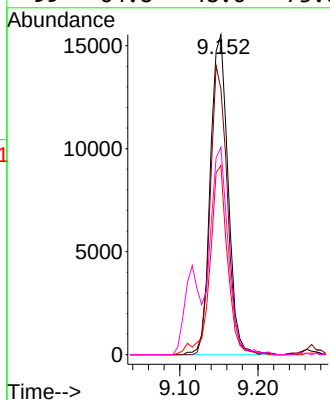
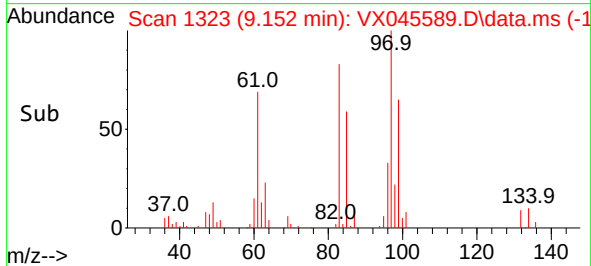
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



Tgt Ion: 97 Resp: 2434
Ion Ratio Lower Upper
97 100
83 83.0 71.8 107.8
85 59.2 47.0 70.6
99 64.8 48.6 73.0

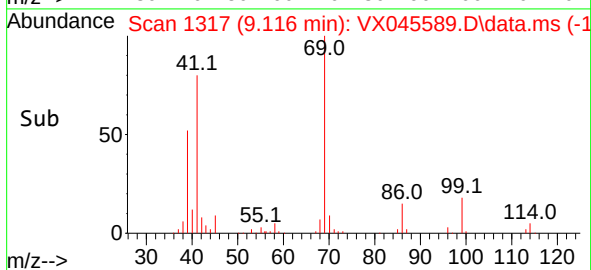
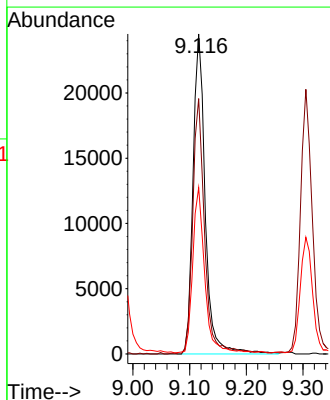
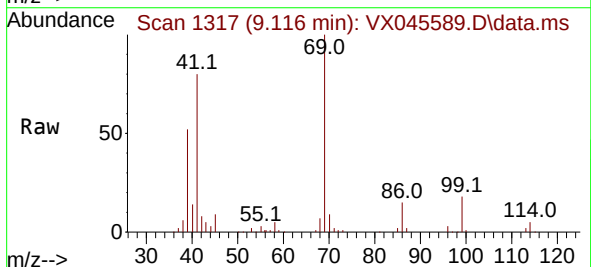
Manual Integrations
APPROVED

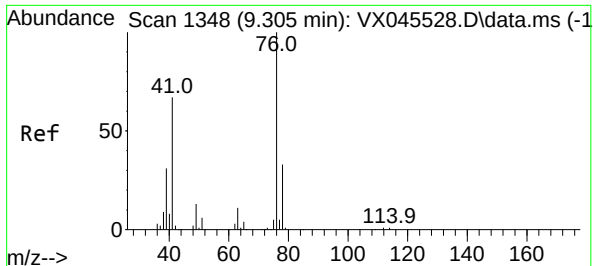
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#56
Ethyl methacrylate
Concen: 19.931 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Tgt Ion: 69 Resp: 36657
Ion Ratio Lower Upper
69 100
41 78.8 61.3 91.9
39 50.6 40.2 60.2





#57

1,3-Dichloropropane

Concen: 20.400 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tgt Ion: 76 Resp: 42210

Ion Ratio Lower Upper

76 100

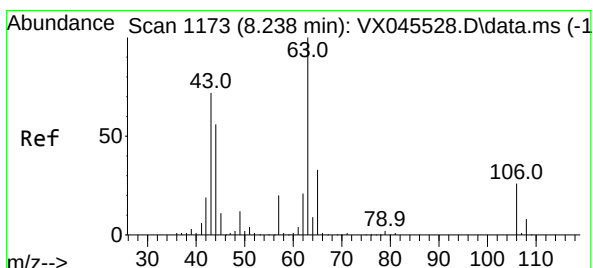
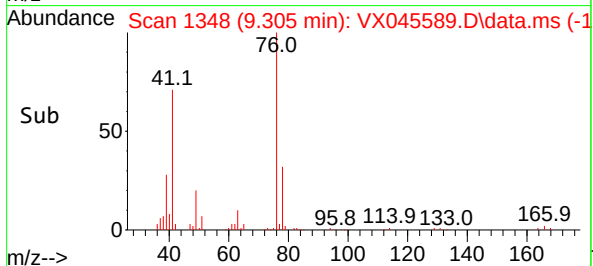
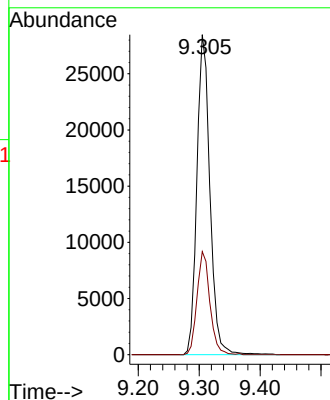
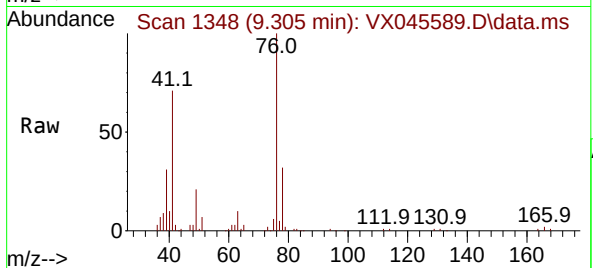
78 31.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#58

2-Chloroethyl Vinyl ether

Concen: 102.664 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045589.D

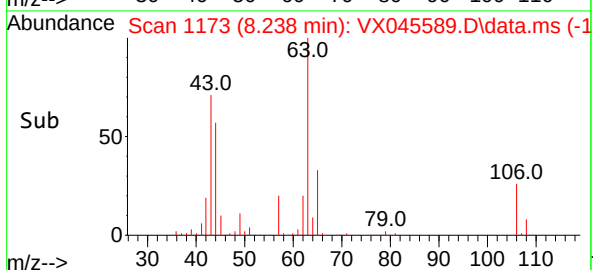
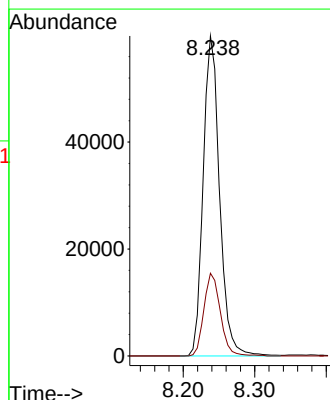
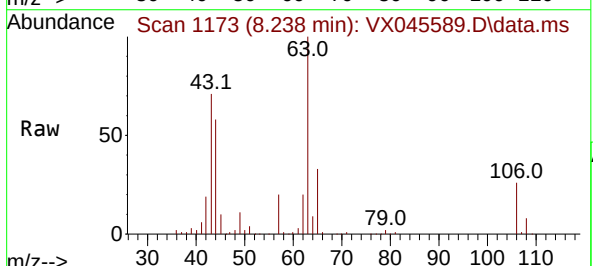
Acq: 04 Apr 2025 11:14

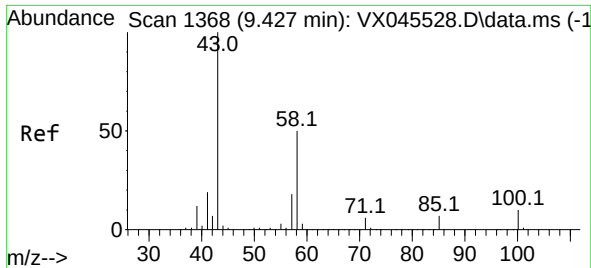
Tgt Ion: 63 Resp: 95516

Ion Ratio Lower Upper

63 100

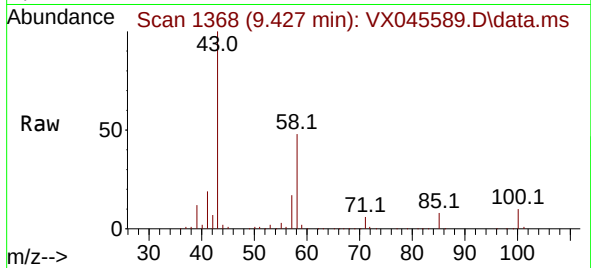
106 25.9 21.0 31.6





#59
2-Hexanone
Concen: 101.036 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

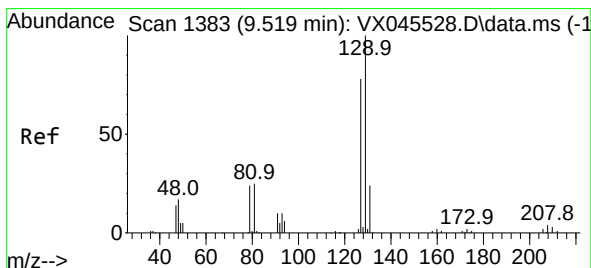
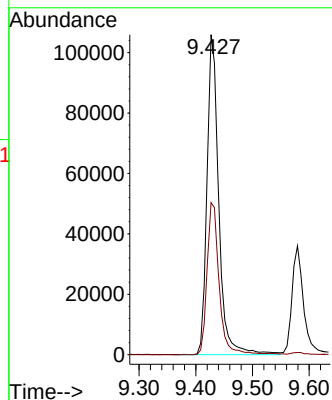
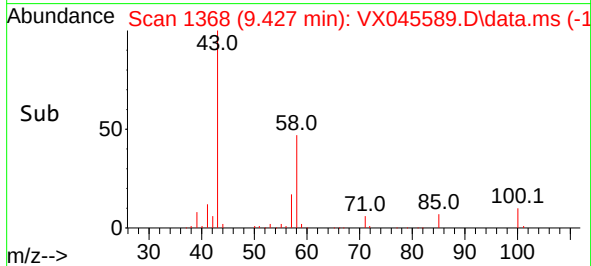
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



Tgt Ion: 43 Resp: 15287
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6

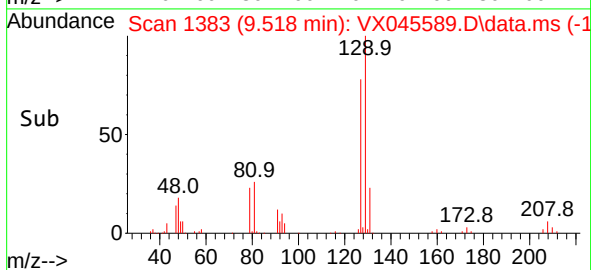
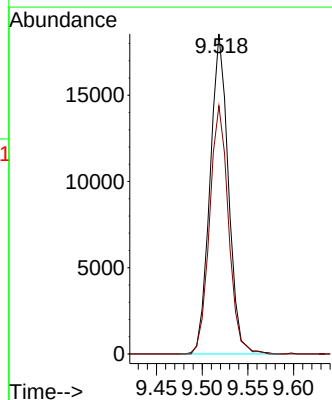
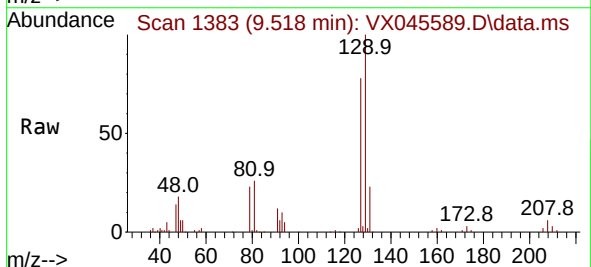
Manual Integrations
APPROVED

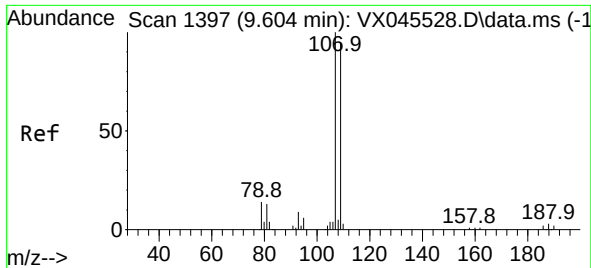
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#60
Dibromochloromethane
Concen: 19.946 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Tgt Ion:129 Resp: 25841
Ion Ratio Lower Upper
129 100
127 79.5 39.4 118.2





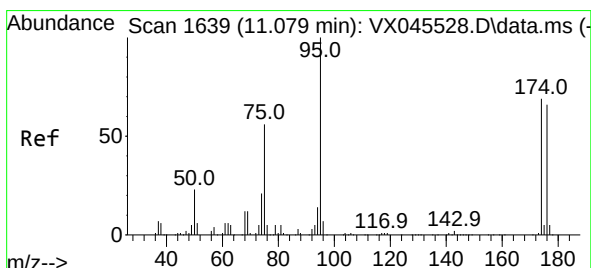
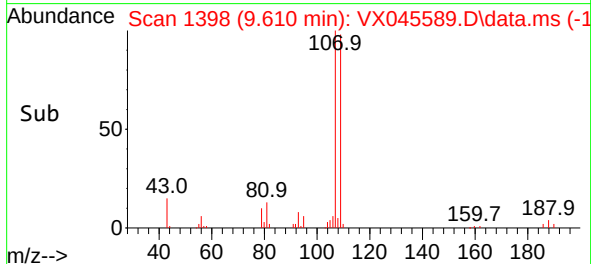
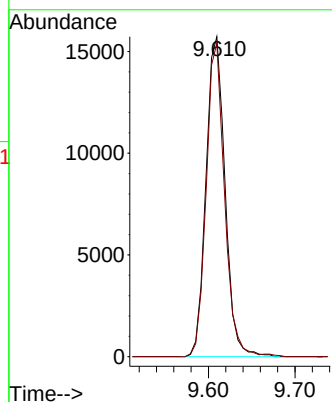
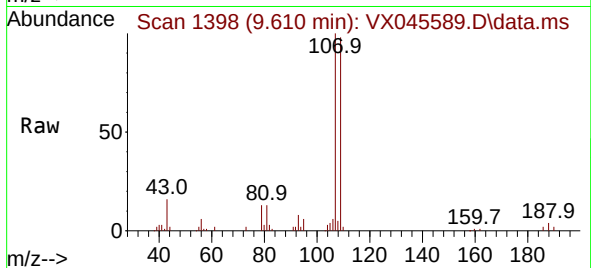
#61
1,2-Dibromoethane
Concen: 19.930 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tgt Ion:107 Resp: 23970
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5

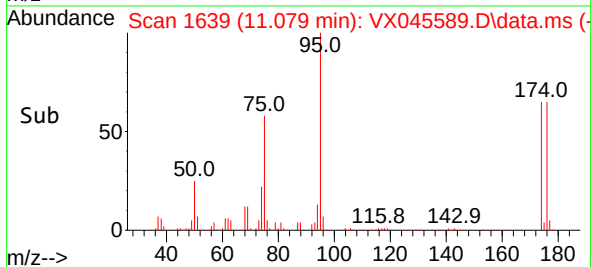
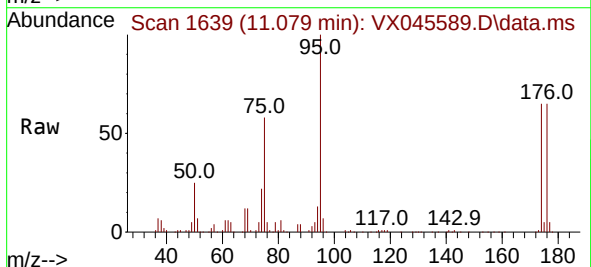
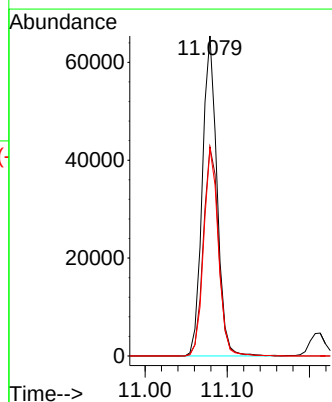
Manual Integrations
APPROVED

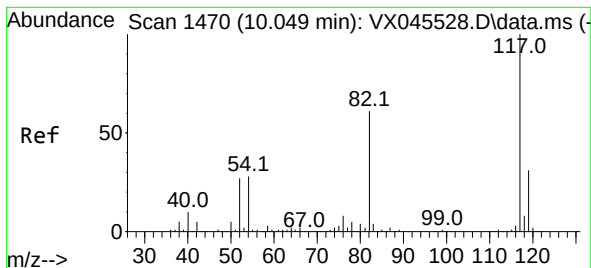
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#62
4-Bromofluorobenzene
Concen: 53.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

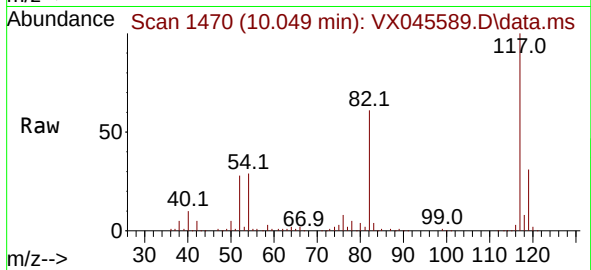
Tgt Ion: 95 Resp: 80880
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 65.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

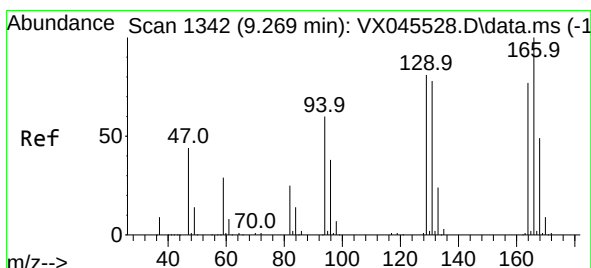
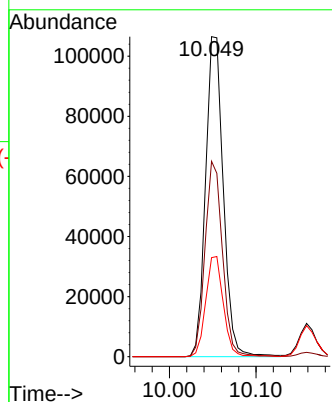
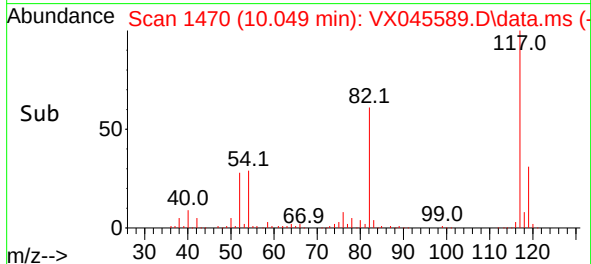
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



Tgt Ion:117 Resp: 151744
Ion Ratio Lower Upper
117 100
82 61.1 49.2 73.8
119 31.0 25.1 37.7

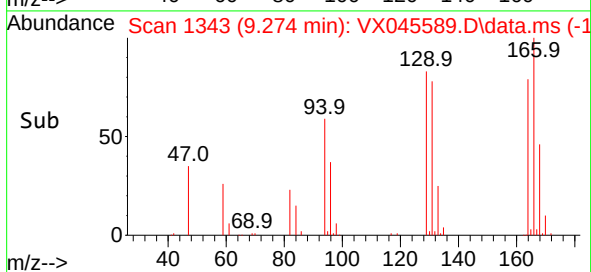
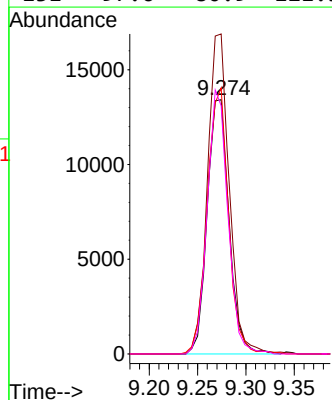
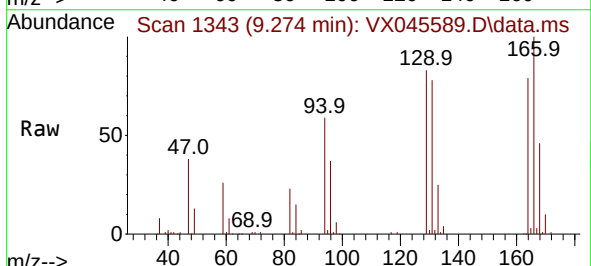
Manual Integrations
APPROVED

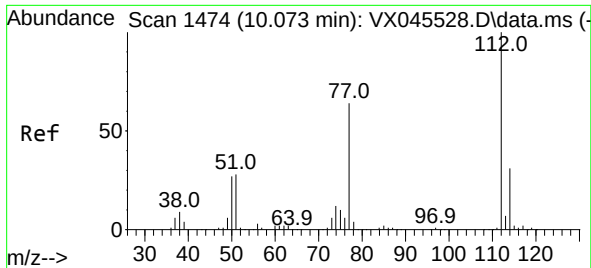
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#64
Tetrachloroethene
Concen: 19.646 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.005 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

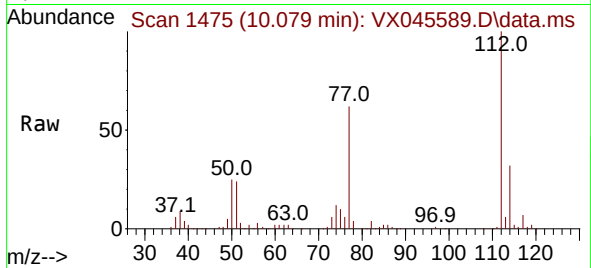
Tgt Ion:164 Resp: 21048
Ion Ratio Lower Upper
164 100
166 125.8 103.8 155.8
129 104.6 84.3 126.5
131 97.6 80.9 121.3





#65
Chlorobenzene
Concen: 19.598 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

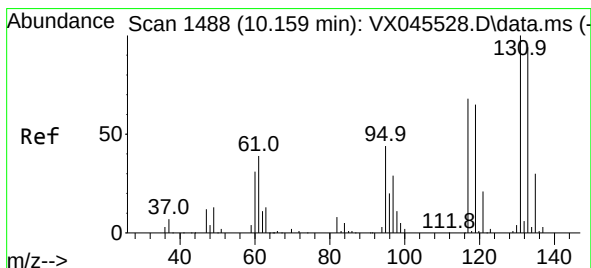
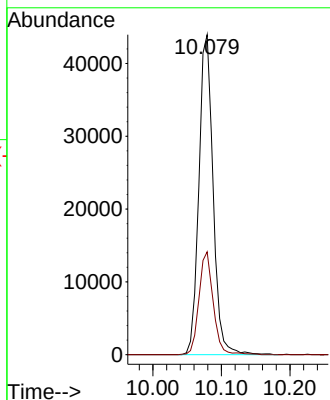
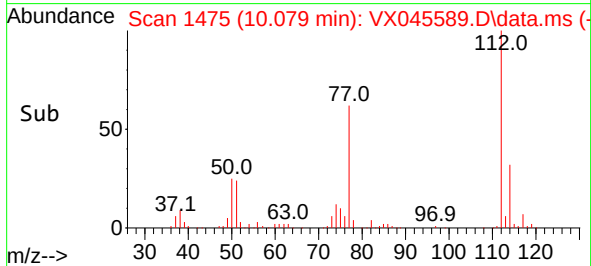
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



Tgt Ion:112 Resp: 63540
Ion Ratio Lower Upper
112 100
114 32.1 24.7 37.1

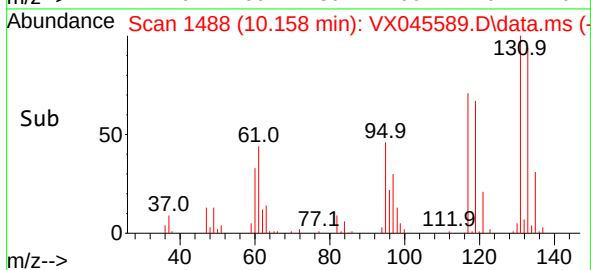
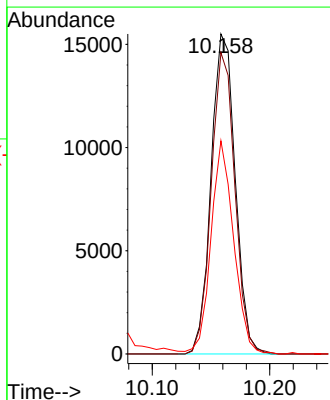
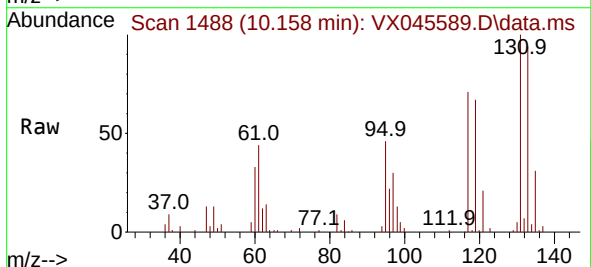
Manual Integrations
APPROVED

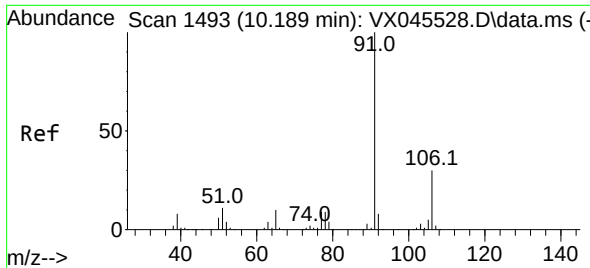
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.676 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

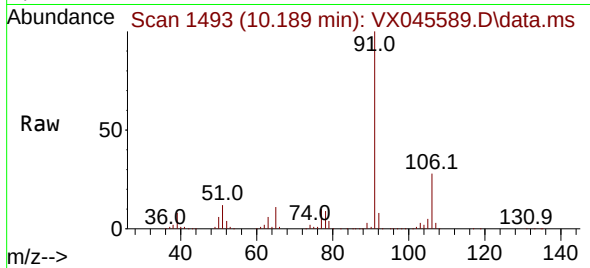
Tgt Ion:131 Resp: 22150
Ion Ratio Lower Upper
131 100
133 92.3 47.5 142.5
119 62.5 32.9 98.6





#67
Ethyl Benzene
Concen: 19.613 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

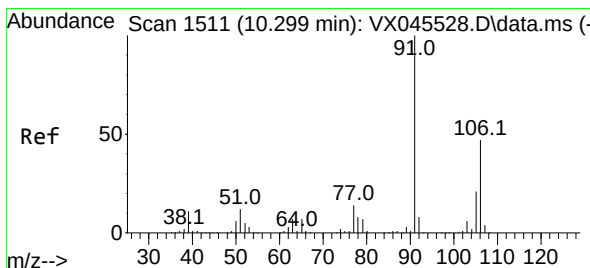
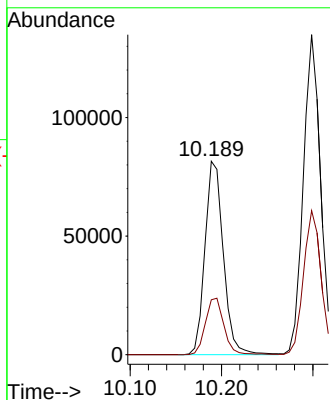
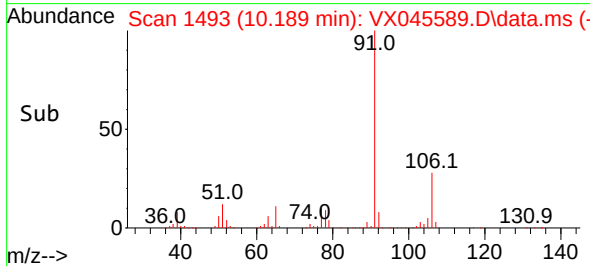
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



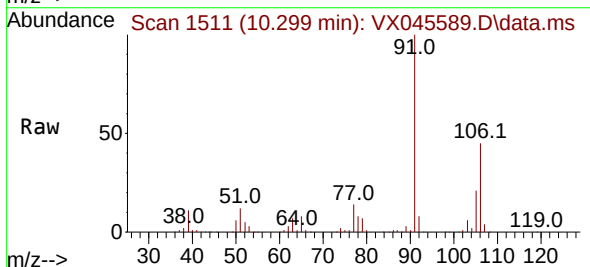
Tgt Ion: 91 Resp: 11390
Ion Ratio Lower Upper
91 100
106 28.4 23.7 35.5

Manual Integrations
APPROVED

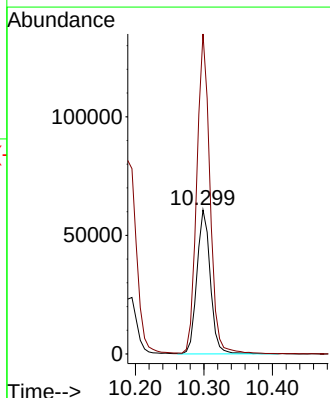
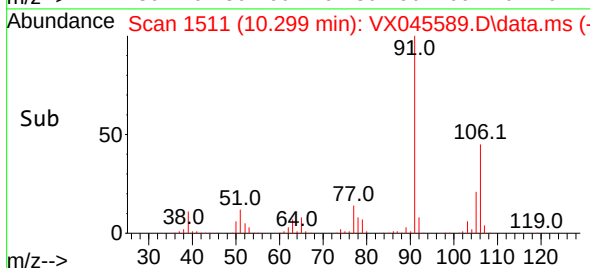
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

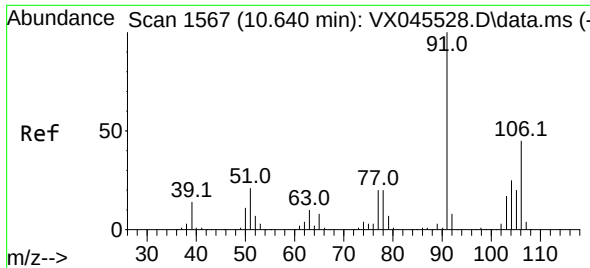


#68
m/p-Xylenes
Concen: 39.245 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14



Tgt Ion:106 Resp: 82893
Ion Ratio Lower Upper
106 100
91 218.1 172.6 258.8





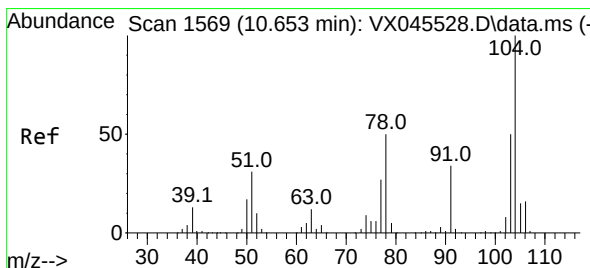
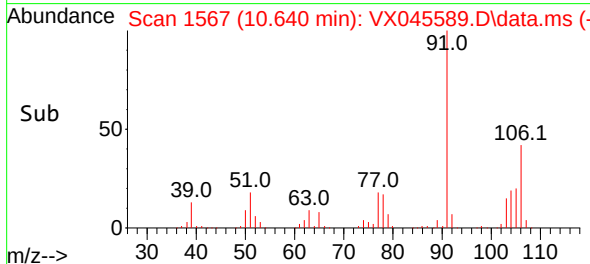
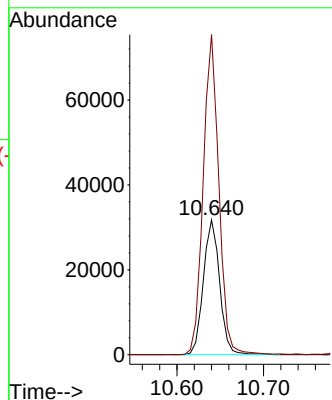
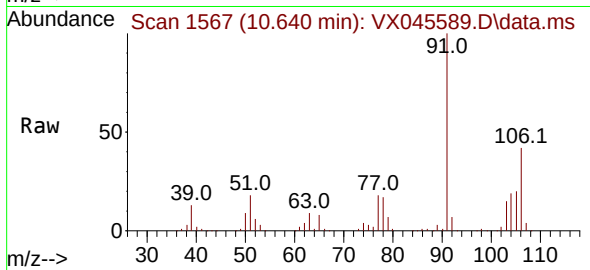
#69
o-Xylene
Concen: 19.908 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tgt Ion:106 Resp: 4142
Ion Ratio Lower Upper
106 100
91 229.0 113.6 340.6

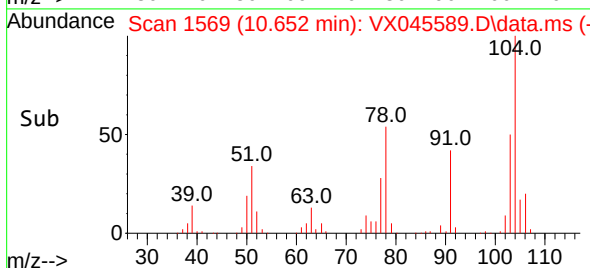
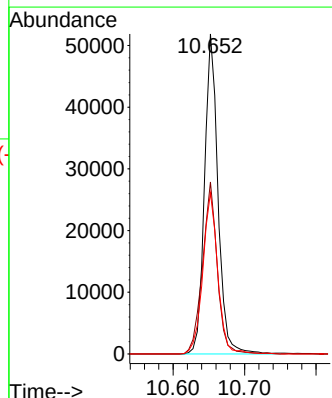
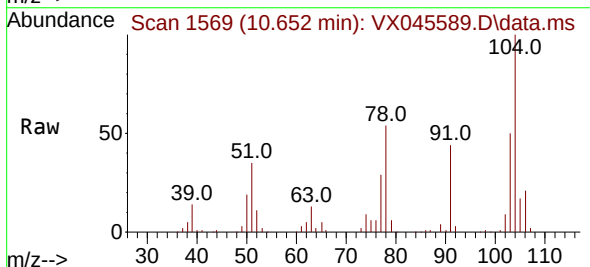
Manual Integrations
APPROVED

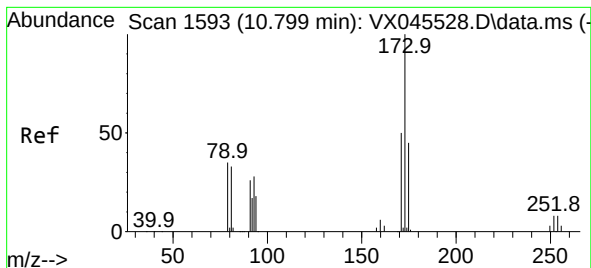
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#70
Styrene
Concen: 19.846 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Tgt Ion:104 Resp: 68156
Ion Ratio Lower Upper
104 100
78 58.8 45.4 68.2
103 55.7 43.8 65.8





#71

Bromoform

Concen: 18.768 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

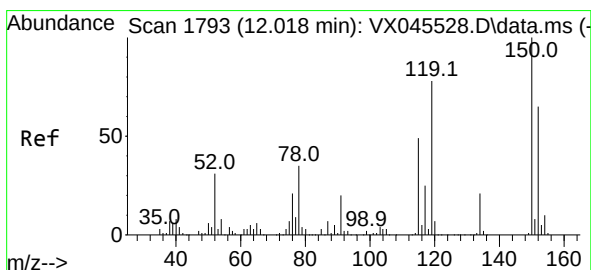
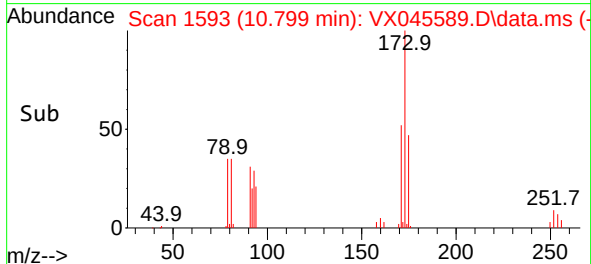
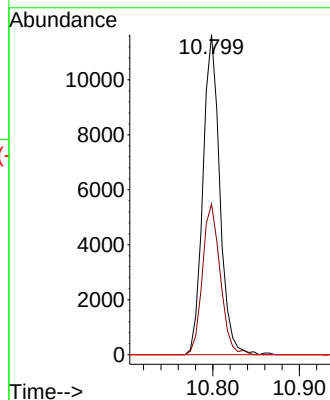
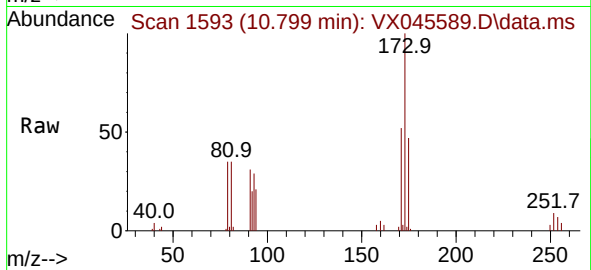
Tgt Ion:	173	Resp:	15770
Ion Ratio	Lower	Upper	
173	100		
175	49.5	23.4	70.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

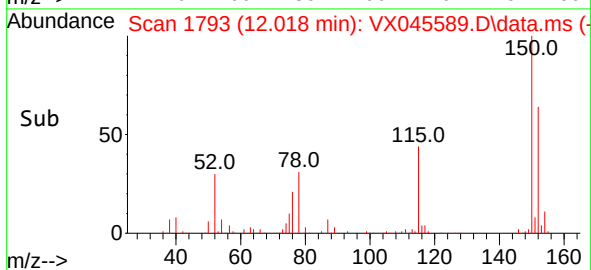
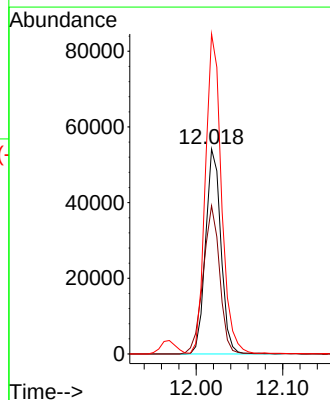
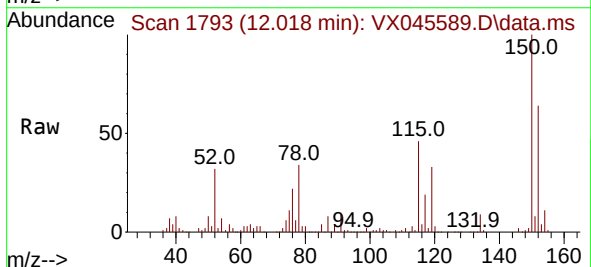
RT: 12.018 min Scan# 1793

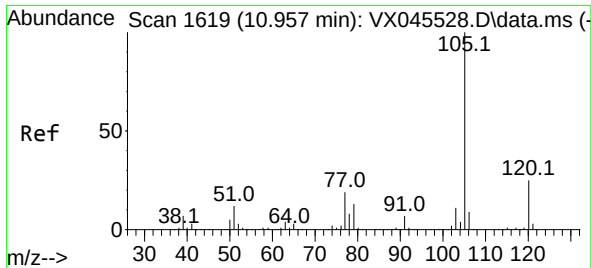
Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

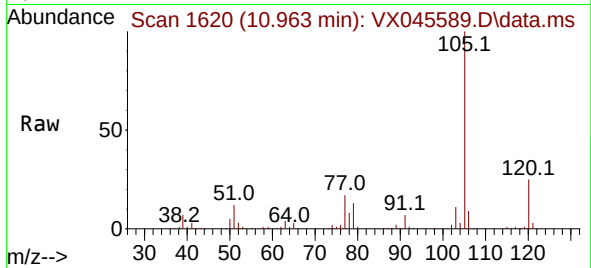
Tgt Ion:	152	Resp:	66584
Ion Ratio	Lower	Upper	
152	100		
115	77.8	46.9	140.7
150	162.7	0.0	349.4





#73
Isopropylbenzene
Concen: 20.461 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

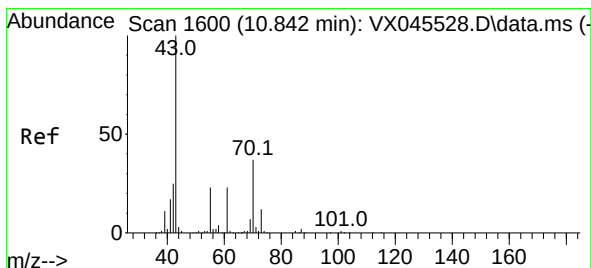
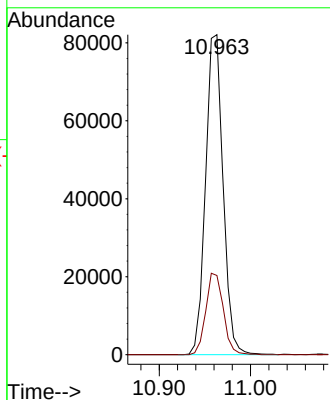
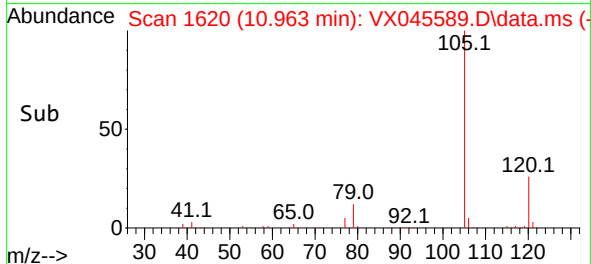
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



Tgt Ion:105 Resp: 109120
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0

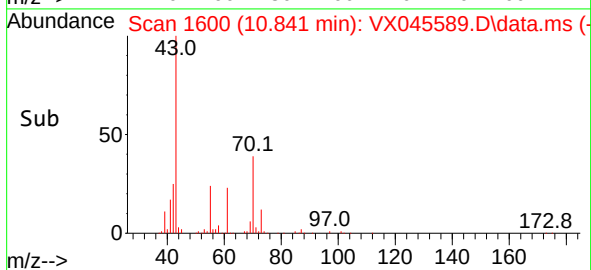
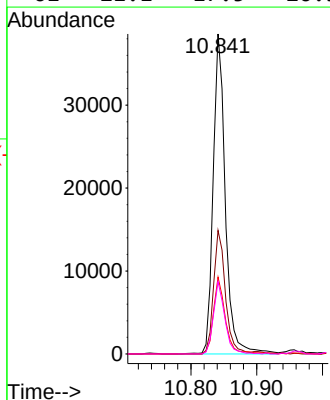
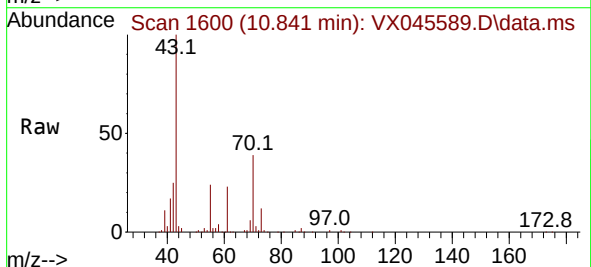
Manual Integrations
APPROVED

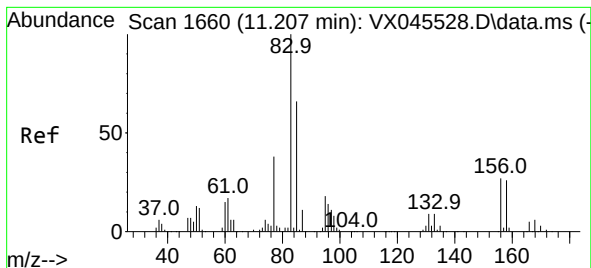
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#74
N-ethyl acetate
Concen: 19.508 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Tgt Ion: 43 Resp: 49771
Ion Ratio Lower Upper
43 100
70 37.5 30.1 45.1
55 23.5 18.3 27.5
61 21.1 17.5 26.3





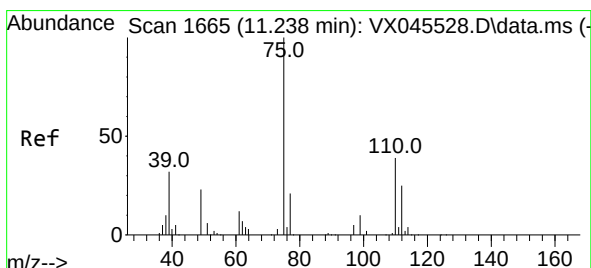
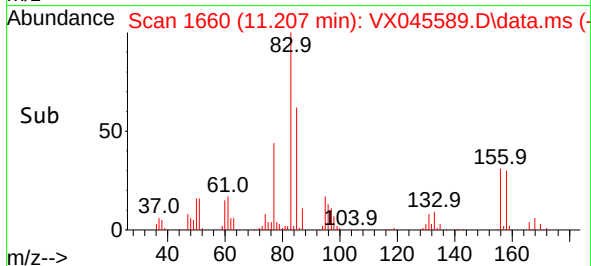
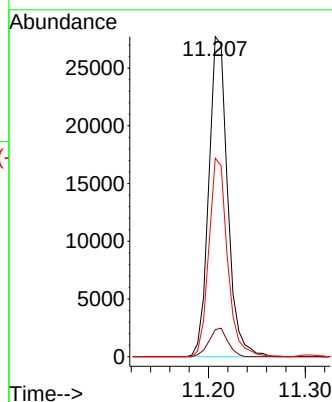
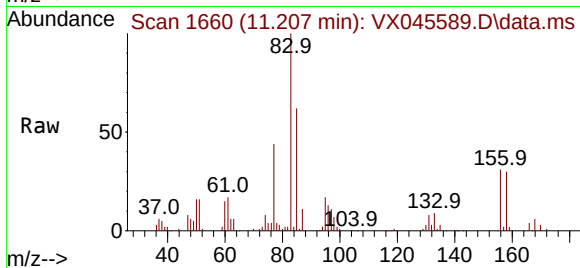
#75
1,1,2,2-Tetrachloroethane
Concen: 20.056 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tgt Ion: 83 Resp: 3757
Ion Ratio Lower Upper
83 100
131 8.9 4.7 14.1
85 61.4 32.4 97.2

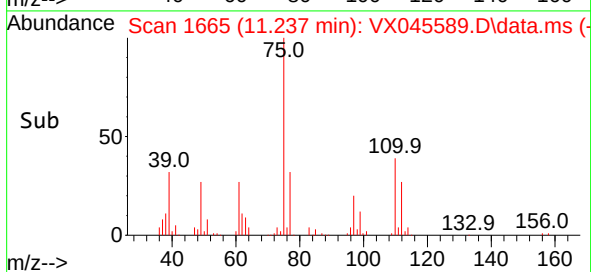
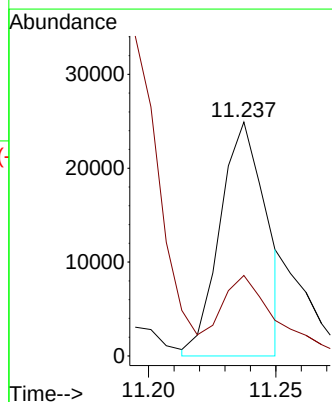
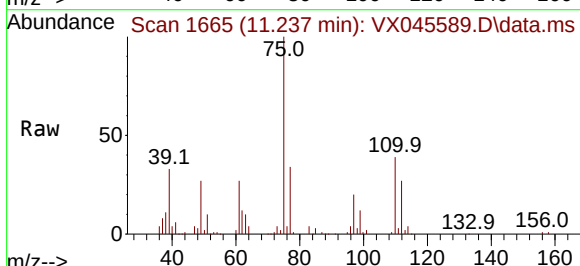
Manual Integrations
APPROVED

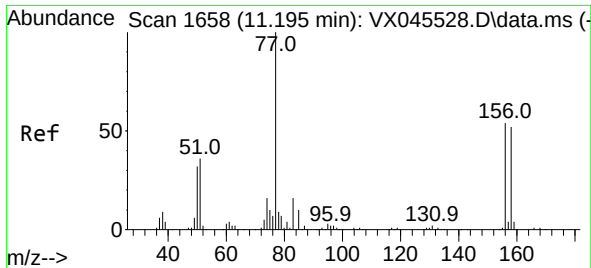
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#76
1,2,3-Trichloropropane
Concen: 19.363 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

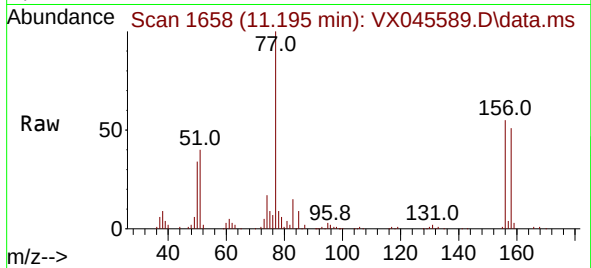
Tgt Ion: 75 Resp: 31448
Ion Ratio Lower Upper
75 100
77 41.4 20.0 59.9





#77
Bromobenzene
Concen: 20.293 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

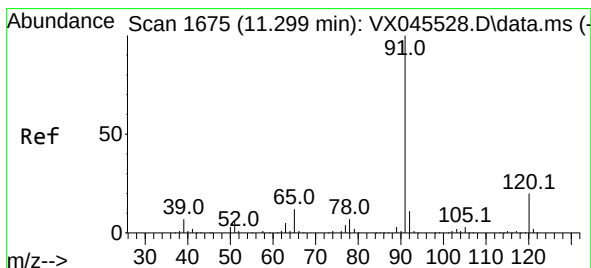
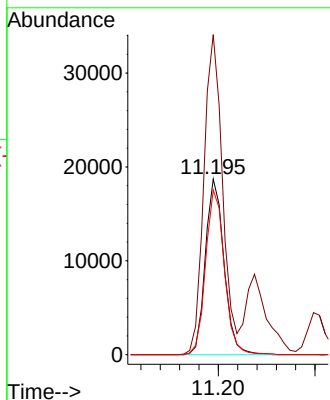
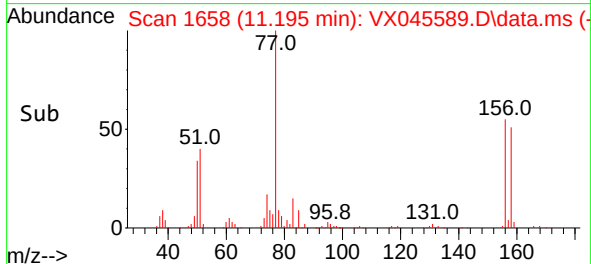
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



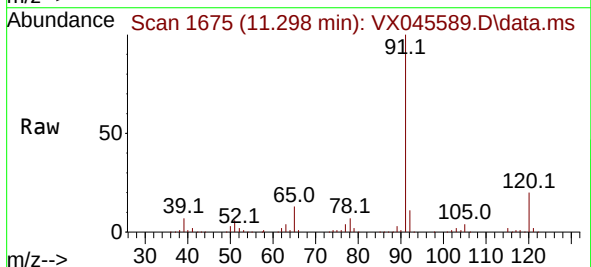
Tgt Ion:156 Resp: 2500
Ion Ratio Lower Upper
156 100
77 182.0 92.6 277.8
158 94.5 48.1 144.4

Manual Integrations
APPROVED

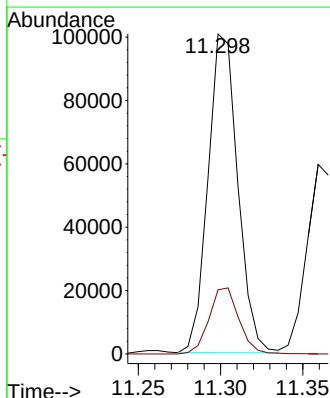
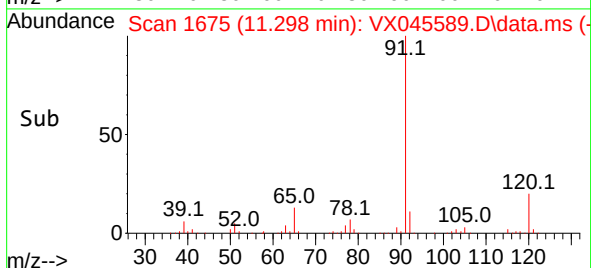
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

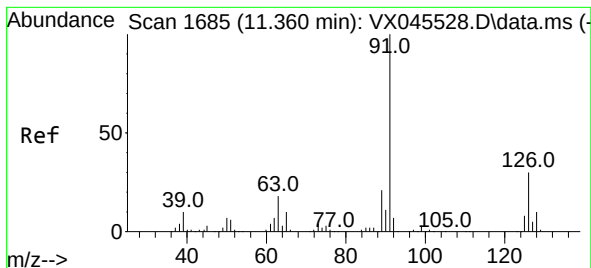


#78
n-propylbenzene
Concen: 20.644 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14



Tgt Ion: 91 Resp: 126822
Ion Ratio Lower Upper
91 100
120 20.8 10.8 32.3





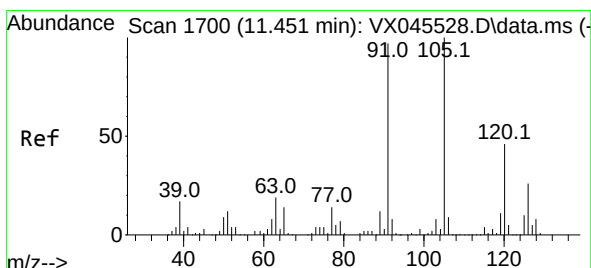
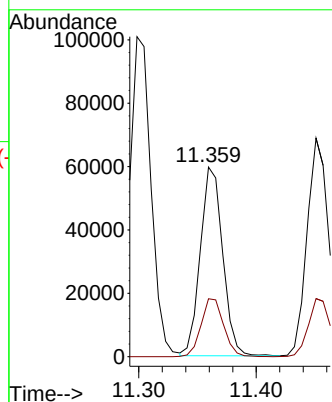
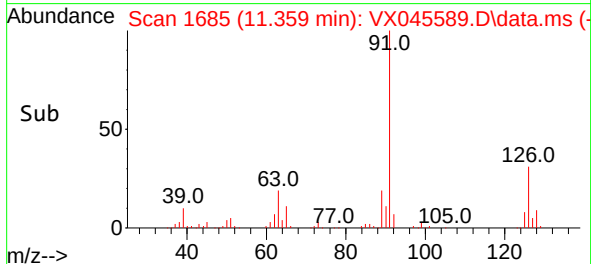
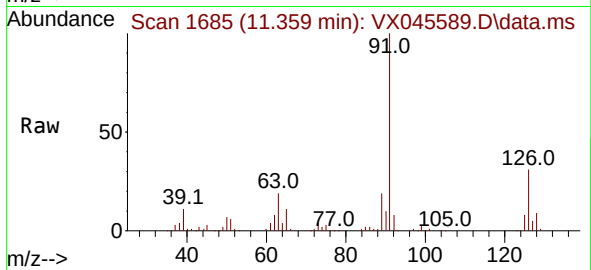
#79
2-Chlorotoluene
Concen: 20.058 ug/l
RT: 11.359 min Scan# 11359
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tgt Ion: 91 Resp: 78774
Ion Ratio Lower Upper
91 100
126 31.0 15.8 47.4

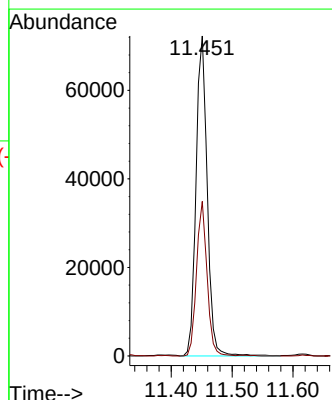
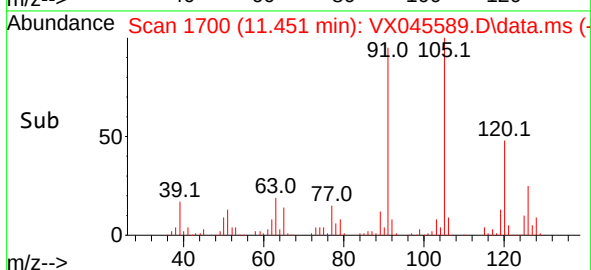
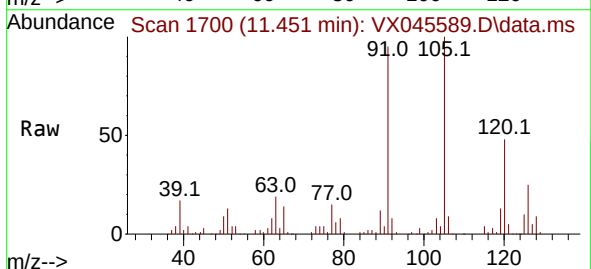
Manual Integrations
APPROVED

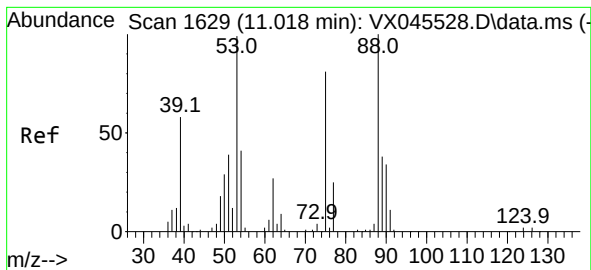
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.856 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Tgt Ion:105 Resp: 91980
Ion Ratio Lower Upper
105 100
120 45.5 23.0 69.0





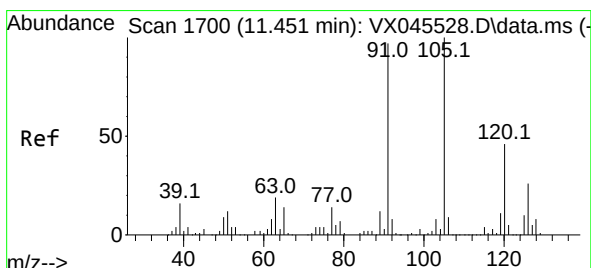
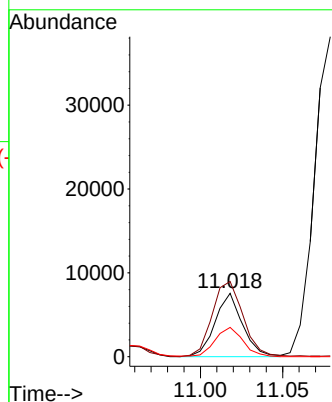
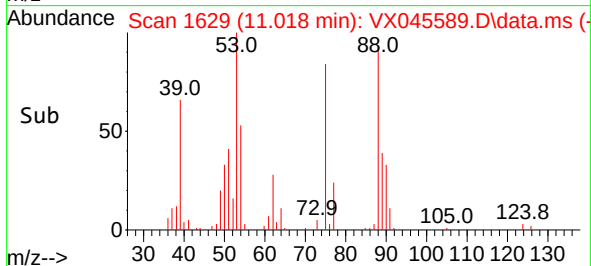
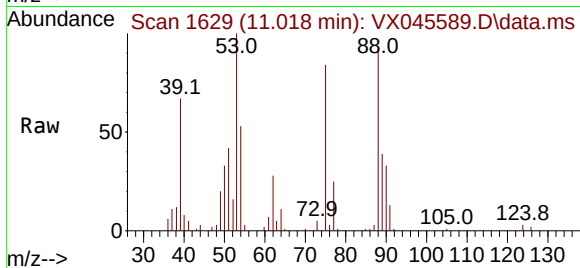
#81
trans-1,4-Dichloro-2-butene
Concen: 18.366 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tgt Ion: 75 Resp: 8789
Ion Ratio Lower Upper
75 100
53 135.6 101.8 152.6
89 46.6 37.2 55.8

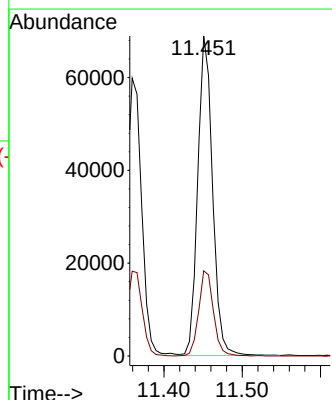
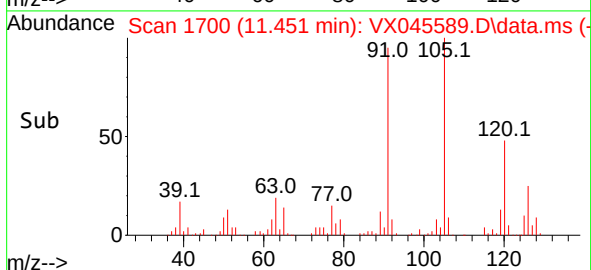
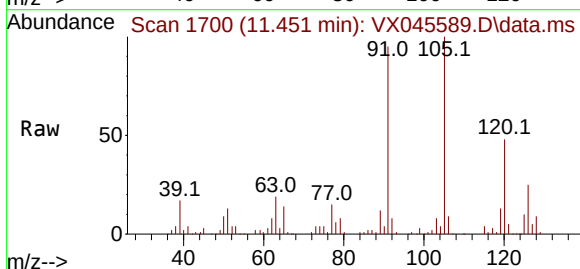
Manual Integrations
APPROVED

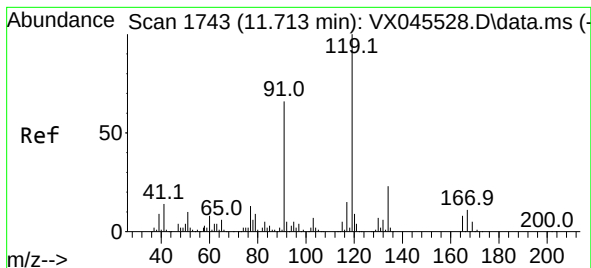
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#82
4-Chlorotoluene
Concen: 20.657 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

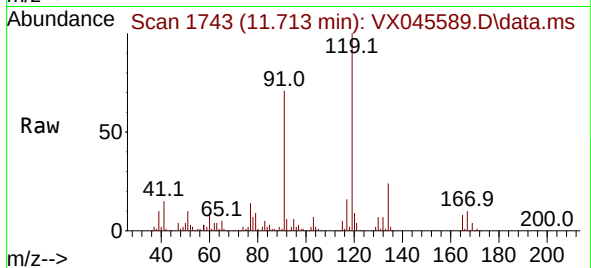
Tgt Ion: 91 Resp: 90453
Ion Ratio Lower Upper
91 100
126 26.6 13.3 39.9





#83
tert-Butylbenzene
Concen: 20.336 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

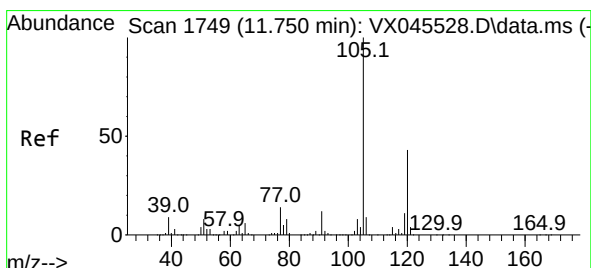
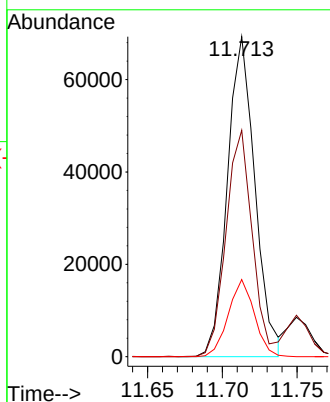
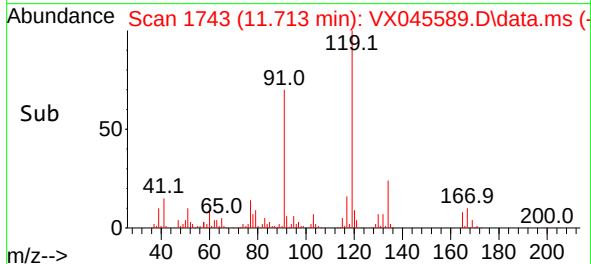
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



Tgt Ion:119 Resp: 88794
Ion Ratio Lower Upper
119 100
91 68.3 32.4 97.2
134 22.9 11.5 34.5

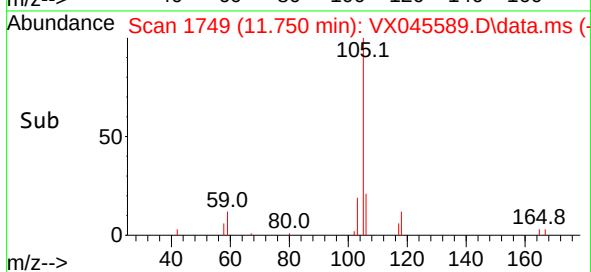
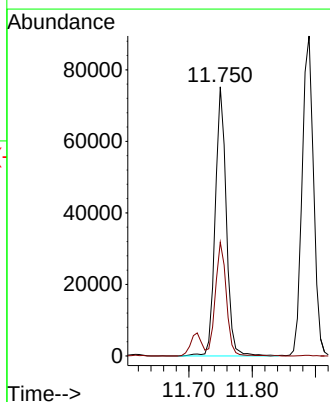
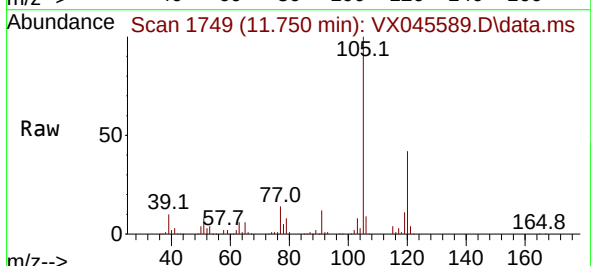
Manual Integrations
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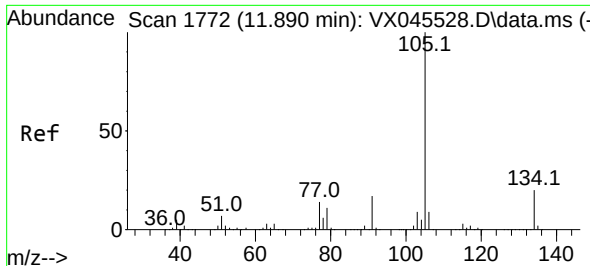
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.614 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

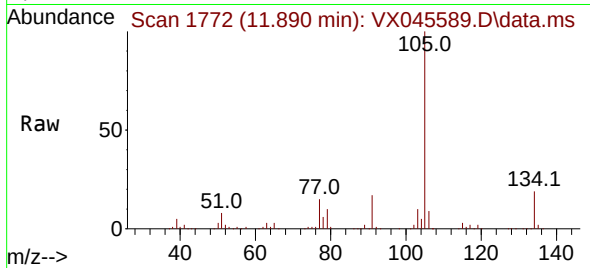
Tgt Ion:105 Resp: 91248
Ion Ratio Lower Upper
105 100
120 42.1 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 20.849 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045589.D
 Acq: 04 Apr 2025 11:14

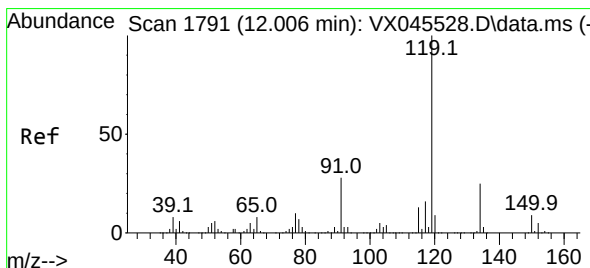
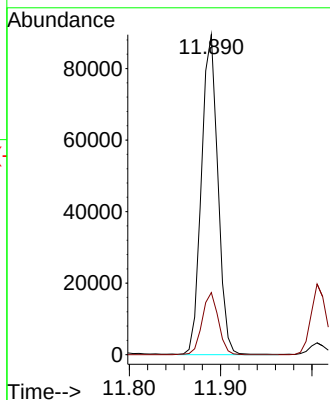
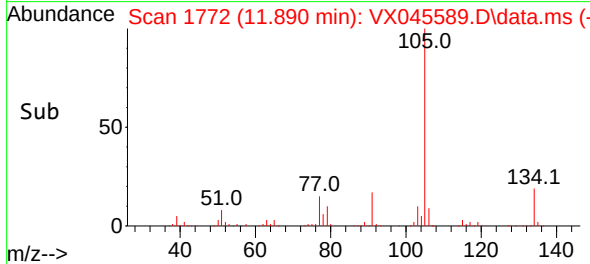
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01



Tgt Ion:105 Resp: 11181
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

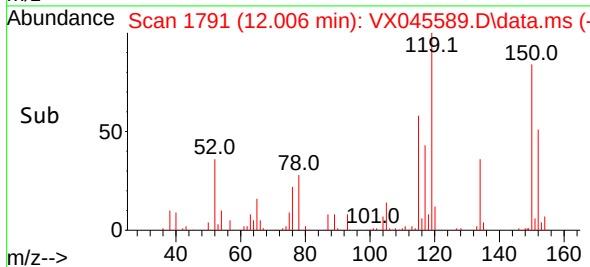
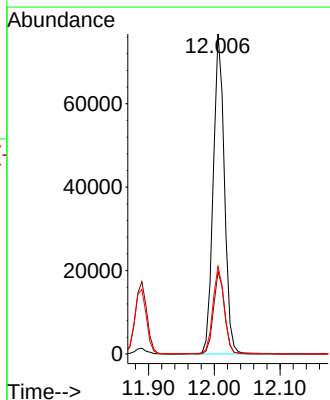
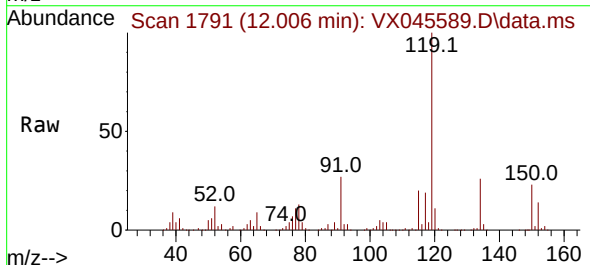
Manual Integrations
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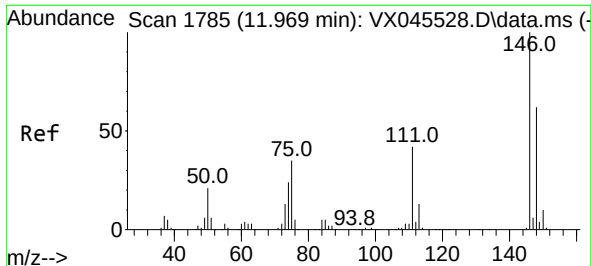
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#86
 p-Isopropyltoluene
 Concen: 20.513 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045589.D
 Acq: 04 Apr 2025 11:14

Tgt Ion:119 Resp: 90695
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 27.7 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 19.656 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

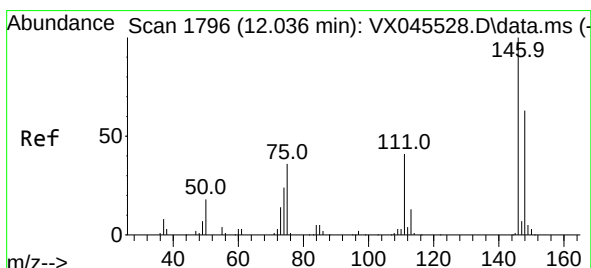
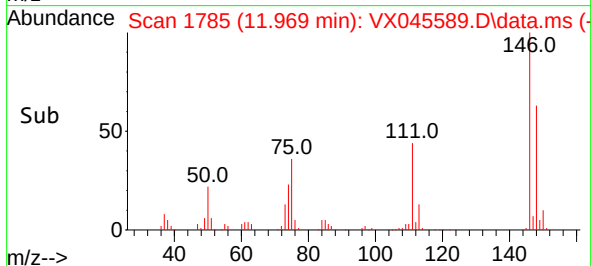
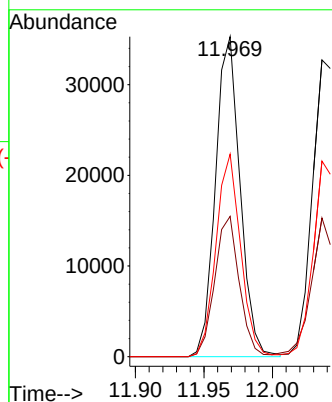
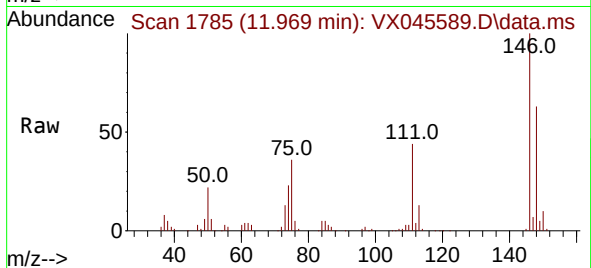
Tgt Ion:146 Resp: 44092
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.2 66.6
 148 63.4 31.9 95.7

Manual Integrations

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Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#88

1,4-Dichlorobenzene

Concen: 19.494 ug/l

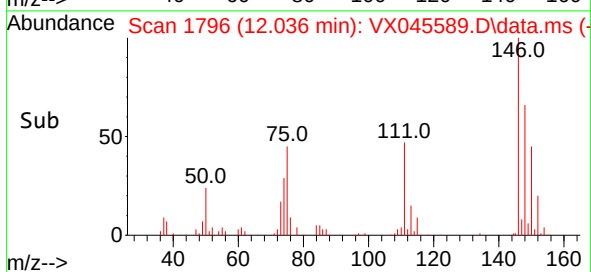
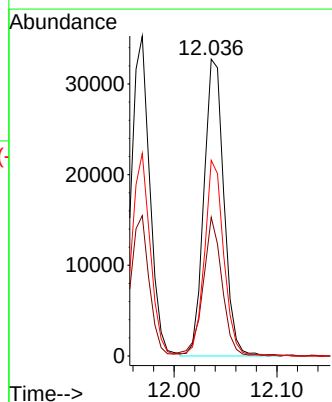
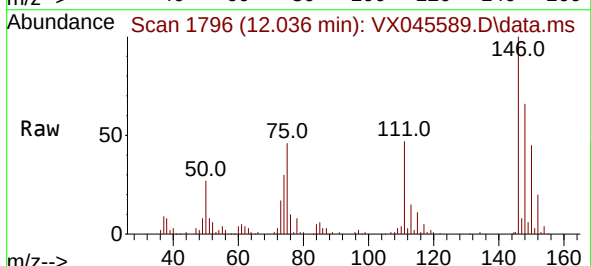
RT: 12.036 min Scan# 1796

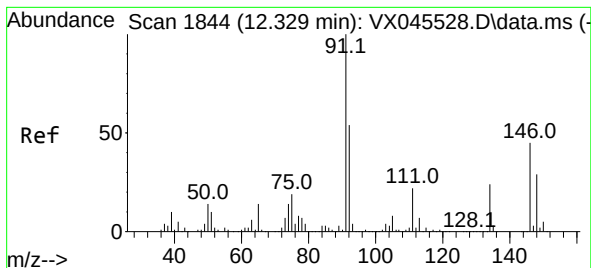
Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Tgt Ion:146 Resp: 44331
 Ion Ratio Lower Upper
 146 100
 111 43.7 20.9 62.8
 148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 20.250 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tgt Ion: 91 Resp: 77639

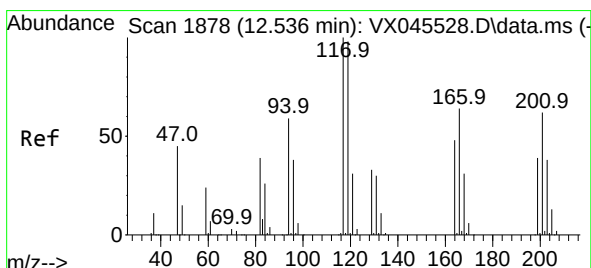
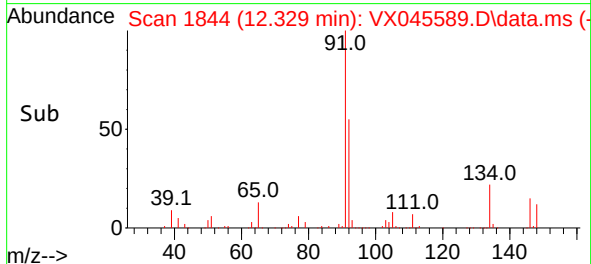
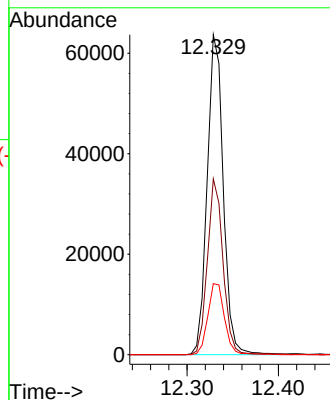
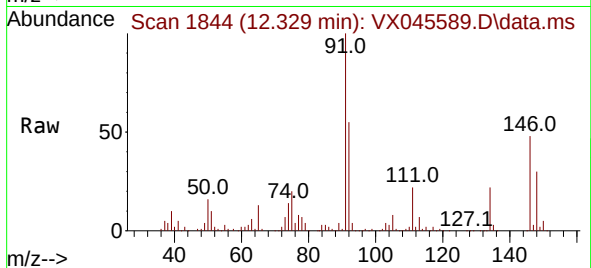
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.9	80.6
134	23.1	11.9	35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#90

Hexachloroethane

Concen: 20.229 ug/l

RT: 12.536 min Scan# 1878

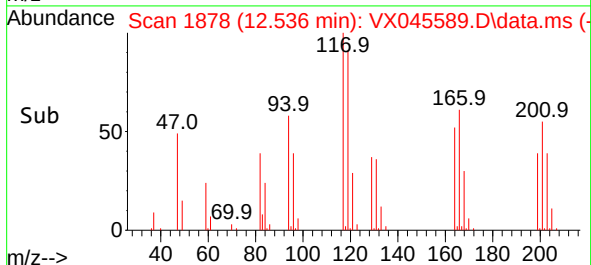
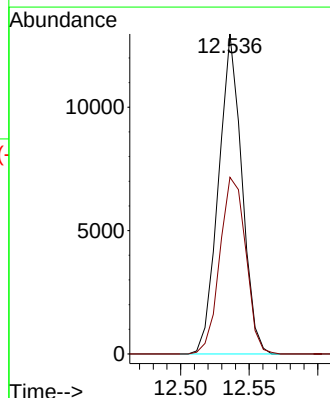
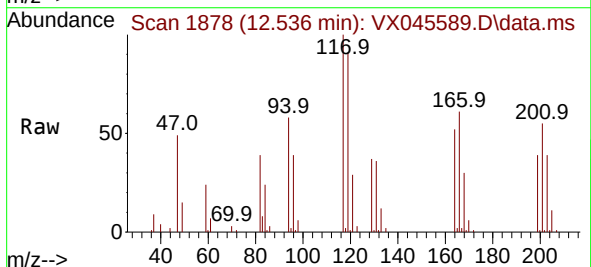
Delta R.T. -0.000 min

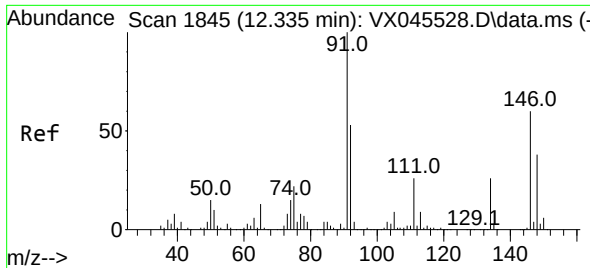
Lab File: VX045589.D

Acq: 04 Apr 2025 11:14

Tgt Ion:117 Resp: 15371

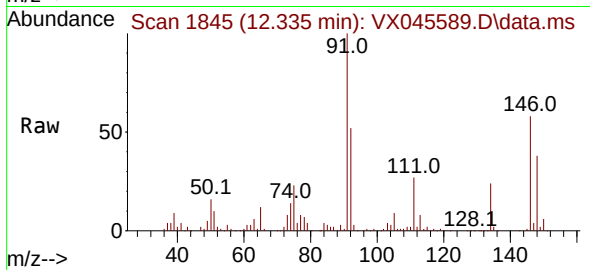
Ion	Ratio	Lower	Upper
117	100		
201	61.3	31.2	93.6





#91
1,2-Dichlorobenzene
Concen: 19.875 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

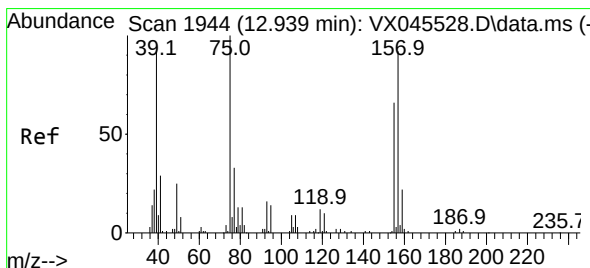
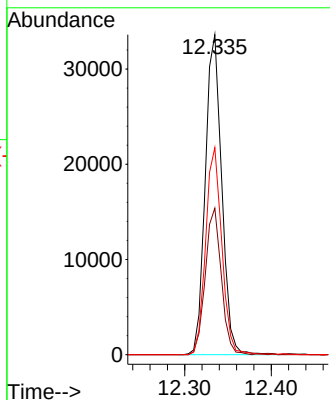
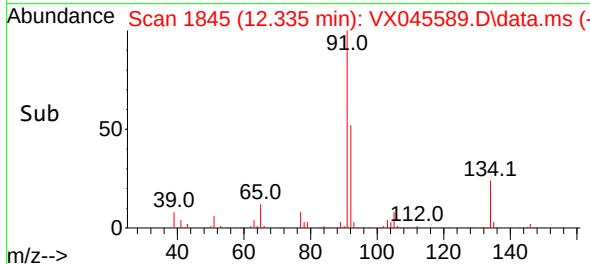
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



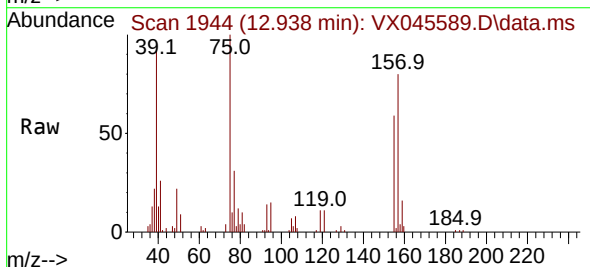
Tgt Ion:146 Resp: 44325
Ion Ratio Lower Upper
146 100
111 44.5 22.9 68.8
148 63.5 31.9 95.5

Manual Integrations
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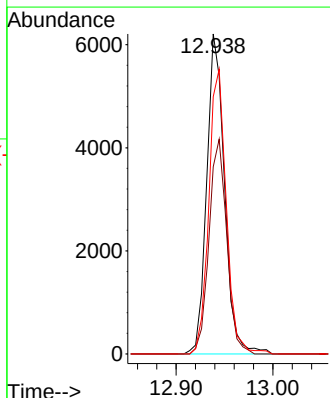
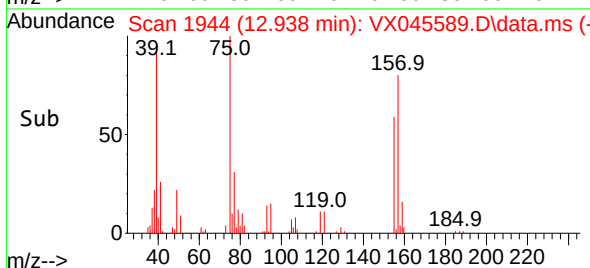
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

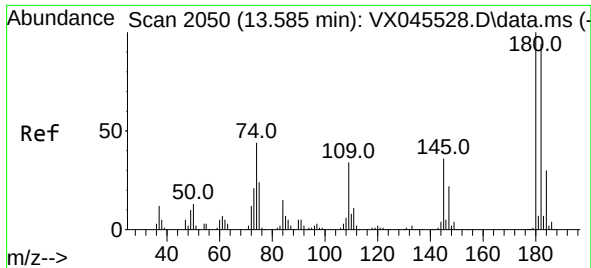


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.243 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14



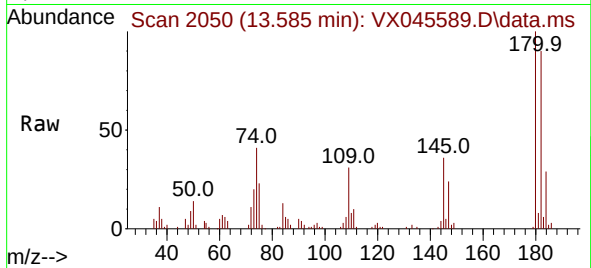
Tgt Ion: 75 Resp: 7932
Ion Ratio Lower Upper
75 100
155 66.9 34.9 104.7
157 87.5 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 19.059 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

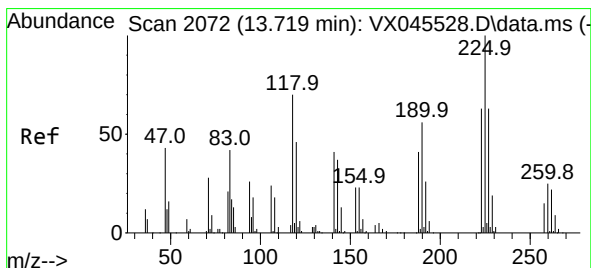
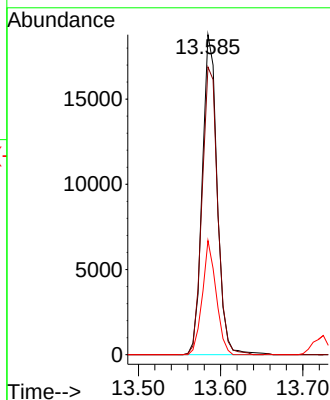
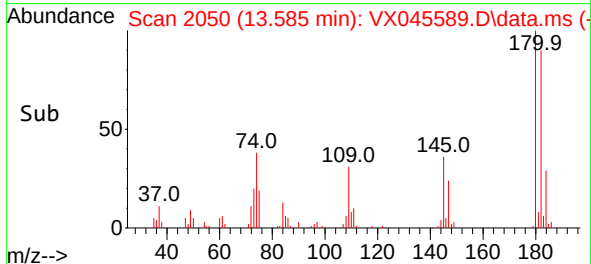
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



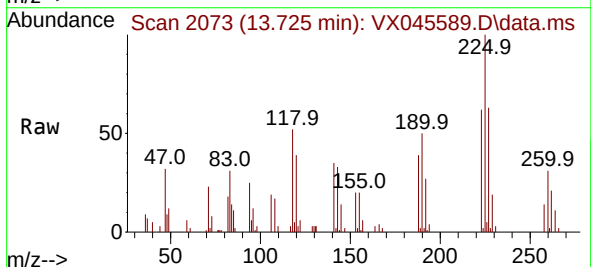
Tgt Ion:180 Resp: 23660
Ion Ratio Lower Upper
180 100
182 93.8 47.9 143.6
145 32.8 17.9 53.8

Manual Integrations
APPROVED

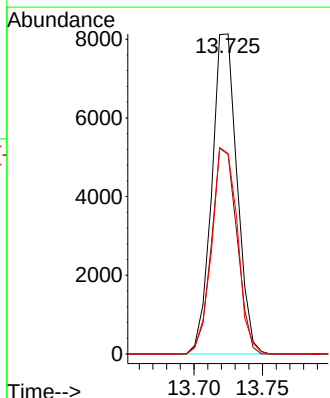
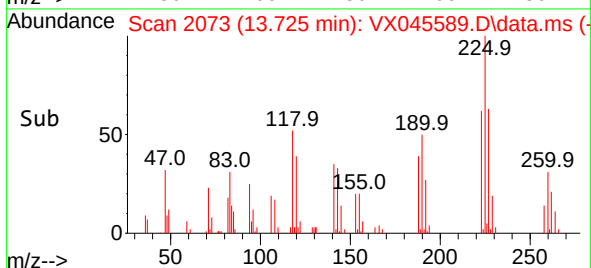
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

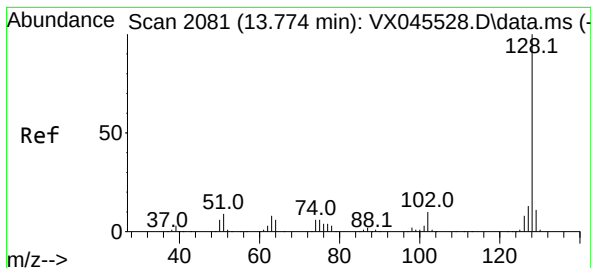


#94
Hexachlorobutadiene
Concen: 19.457 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14



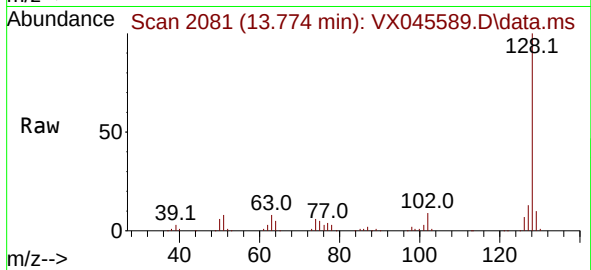
Tgt Ion:225 Resp: 10408
Ion Ratio Lower Upper
225 100
223 64.9 31.1 93.3
227 65.7 32.2 96.6





#95
Naphthalene
Concen: 18.950 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14

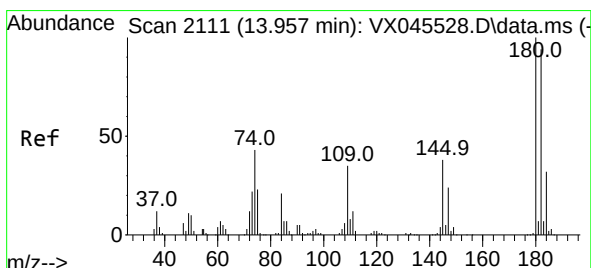
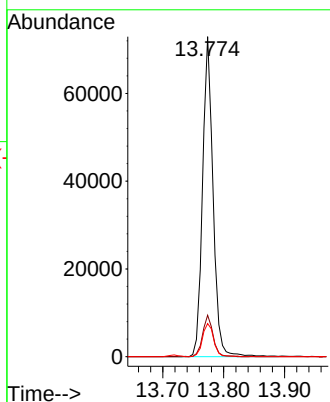
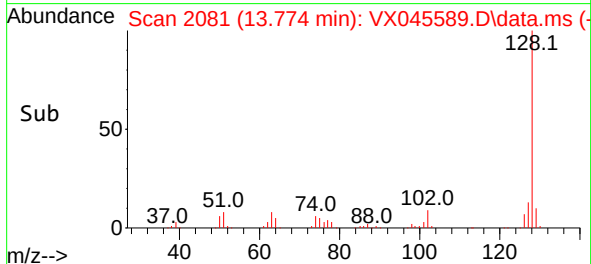
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01



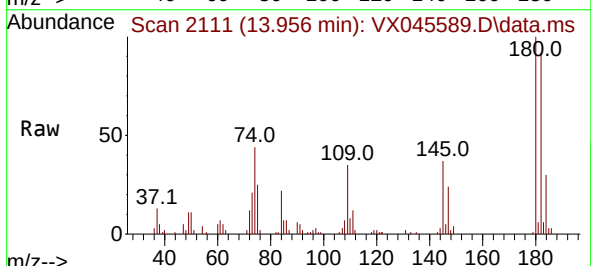
Tgt Ion:128 Resp: 8754
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.132 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045589.D
Acq: 04 Apr 2025 11:14



Tgt Ion:180 Resp: 24870
Ion Ratio Lower Upper
180 100
182 91.6 47.3 141.8
145 34.2 18.2 54.6

