

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031699.D
 Acq On : 08 May 2025 13:44
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV469

Quant Time: May 08 15:44:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 08 15:36:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	446017	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	302162	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	123650	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	307665	28.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.68%
7) Chloroethane-d5	2.893	69	173327	27.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.56%
11) 1,1-Dichloroethene-d2	4.021	65	126855	27.58	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	110.32%#
21) 2-Butanone-d5	7.093	46	110109	50.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.32%
24) Chloroform-d	7.648	84	258071	24.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.56%
26) 1,2-Dichloroethane-d4	8.307	65	92116	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.92%
32) Benzene-d6	8.276	84	601769	26.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.88%
36) 1,2-Dichloropropane-d6	9.276	67	131376	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.56%
41) Toluene-d8	10.318	98	543334	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.56%
43) trans-1,3-Dichloroprop...	10.575	79	40293	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.36%
47) 2-Hexanone-d5	10.922	63	54677	49.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.10%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87850	24.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.12%
66) 1,2-Dichlorobenzene-d4	13.848	152	103260	24.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.56%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	220390	24.91	ug/L #	88
3) Chloromethane	2.216	50	156118	22.17	ug/L	98
5) Vinyl chloride	2.375	62	264528	24.99	ug/L	96
6) Bromomethane	2.783	94	100311	23.39	ug/L	86
8) Chloroethane	2.936	64	122691	24.31	ug/L	98
9) Trichlorofluoromethane	3.259	101	211198	25.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	245229	22.29	ug/L #	74
13) Acetone	4.161	43	73620	46.59	ug/L	63
14) Carbon disulfide	4.393	76	666893	24.89	ug/L	99
15) Methyl Acetate	4.691	43	63548	22.28	ug/L #	68
16) Methylene chloride	4.935	84	101834	22.49	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	180758	24.29	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	118250	22.42	ug/L #	86
19) 1,1-Dichloroethane	6.222	63	275162	23.81	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	130975	22.92	ug/L	86
22) 2-Butanone	7.185	43	104798	45.69	ug/L	100
23) Bromochloromethane	7.520	128	41777	22.56	ug/L	86
25) Chloroform	7.679	83	232855	23.45	ug/L	96
27) 1,2-Dichloroethane	8.398	62	99801	21.69	ug/L	100

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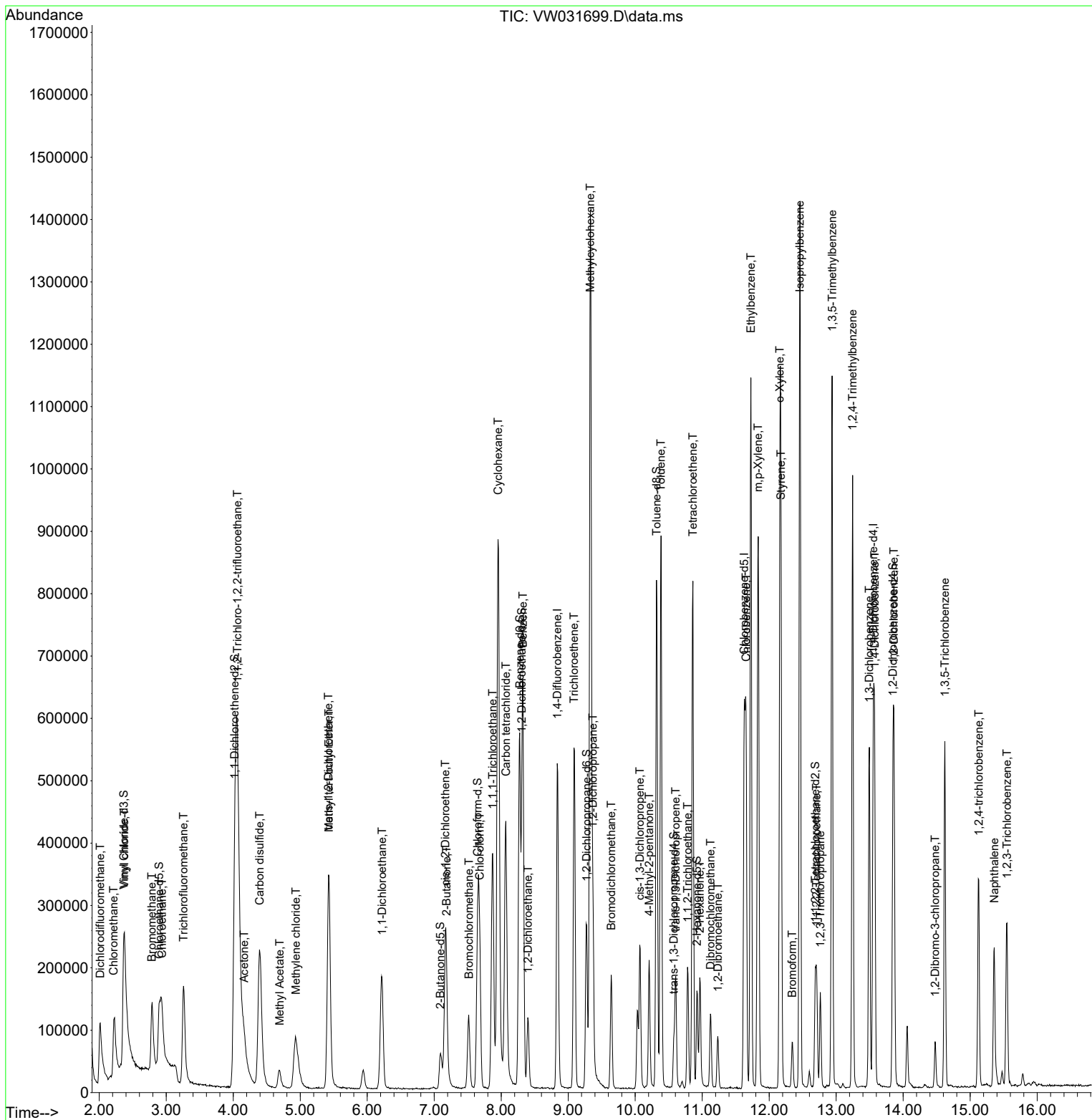
Instrument :
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 ClientSampleId :
 VICV469

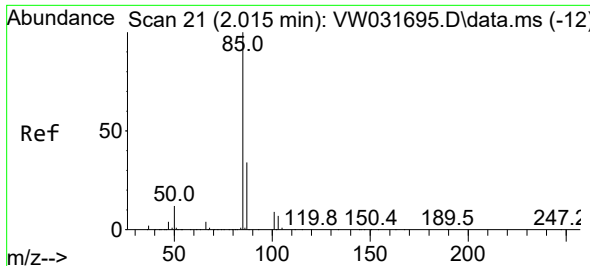
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	537136	27.47	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	323844	25.52	ug/L	100
31) Carbon tetrachloride	8.069	117	327248	25.77	ug/L	99
33) Benzene	8.325	78	611247	24.75	ug/L	100
34) Trichloroethene	9.087	95	202332	24.94	ug/L	96
35) Methylcyclohexane	9.331	83	560196	26.18	ug/L	95
37) 1,2-Dichloropropane	9.367	63	113662	23.71	ug/L	99
38) Bromodichloromethane	9.642	83	124124	23.54	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	141092	23.78	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	133913	45.61	ug/L	99
42) Toluene	10.386	91	650271	24.78	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	101136	22.73	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	62028	22.68	ug/L	95
46) Tetrachloroethene	10.861	164	172890	25.46	ug/L	96
48) 2-Hexanone	10.965	43	114789	49.23	ug/L	99
49) Dibromochloromethane	11.123	129	65139	23.58	ug/L	86
50) 1,2-Dibromoethane	11.233	107	57640	22.42	ug/L	98
51) Chlorobenzene	11.654	112	312959	23.94	ug/L	96
52) Ethylbenzene	11.727	91	785061	24.88	ug/L	99
53) m,p-Xylene	11.836	106	286437	25.22	ug/L	89
54) o-Xylene	12.160	106	226995	25.40	ug/L	97
55) Styrene	12.178	104	321917	24.99	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	81225	22.90	ug/L	92
59) Bromoform	12.342	173	33270	22.66	ug/L #	98
60) Isopropylbenzene	12.458	105	901445	26.47	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	64809	23.78	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	607840	26.08	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	516969	26.08	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	224518	24.99	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	205773	24.56	ug/L	92
67) 1,2-Dichlorobenzene	13.861	146	163646	23.95	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	18819	21.40	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.623	180	162599	26.26	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	106856	25.46	ug/L	99
71) Naphthalene	15.360	128	196505	24.15	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	87296	25.61	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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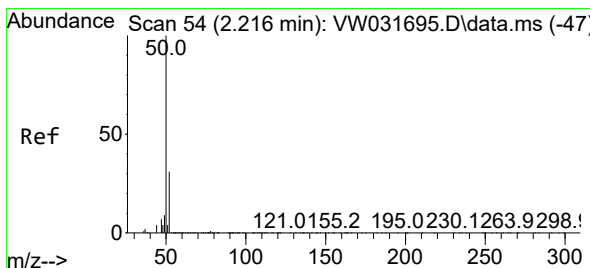
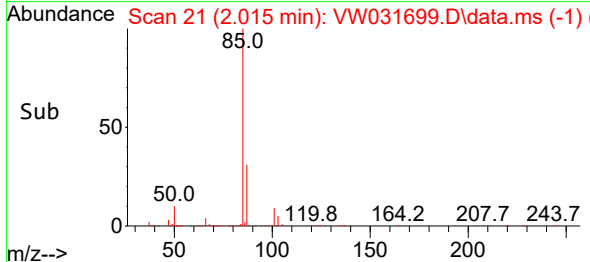
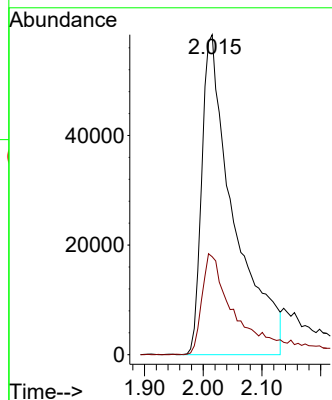
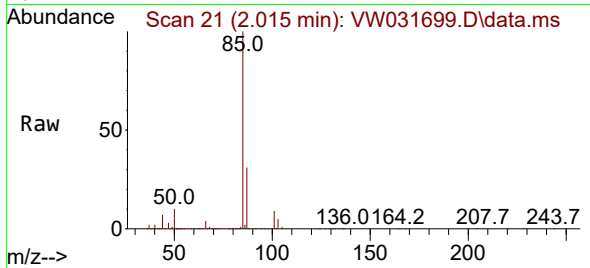




#2
Dichlorodifluoromethane
Concen: 24.91 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

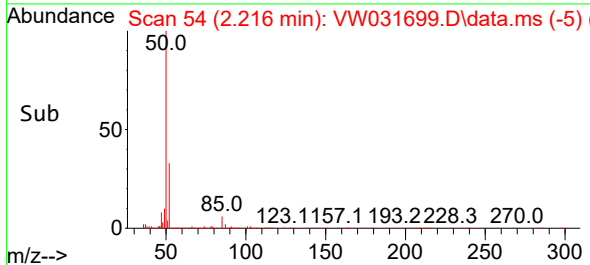
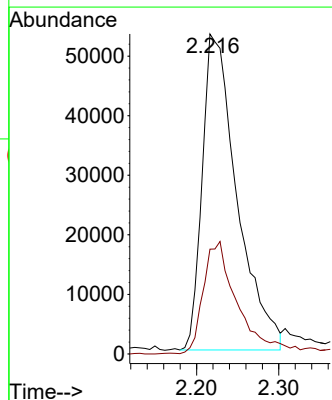
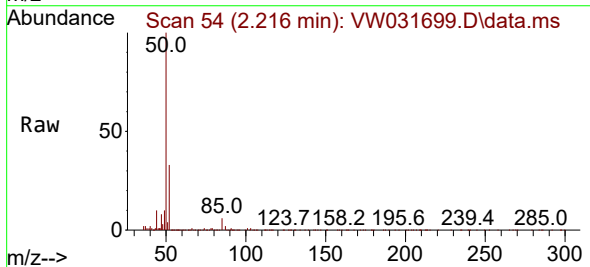
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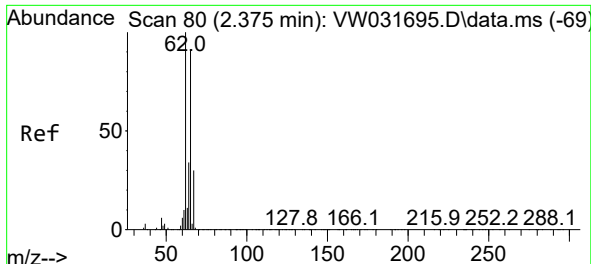
Tgt Ion: 85 Resp: 220390
Ion Ratio Lower Upper
85 100
87 28.2 0.1 0.1#



#3
Chloromethane
Concen: 22.17 ug/L
RT: 2.216 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion: 50 Resp: 156118
Ion Ratio Lower Upper
50 100
52 32.7 22.0 41.0

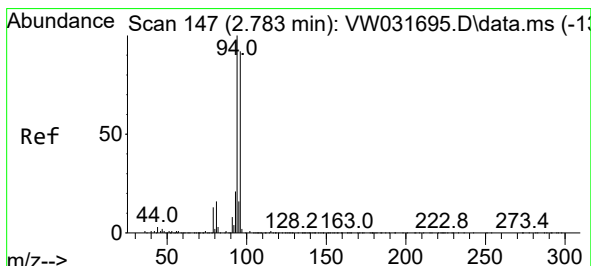
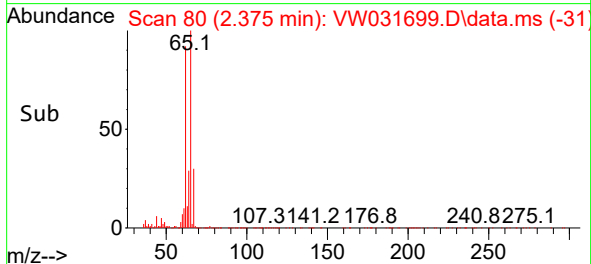
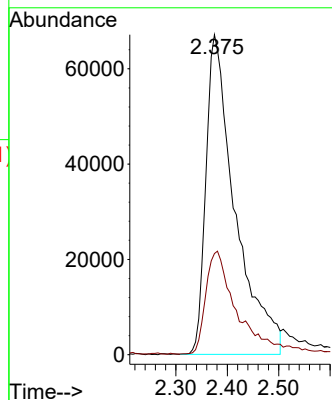
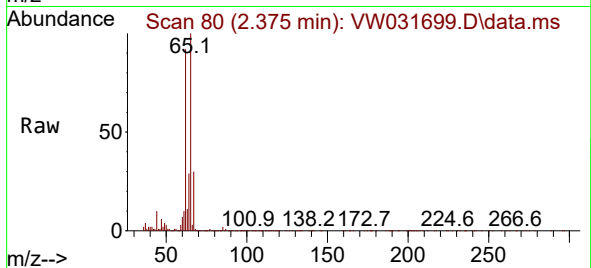




#5
 Vinyl chloride
 Concen: 24.99 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW031699.D
 Acq: 08 May 2025 13:44

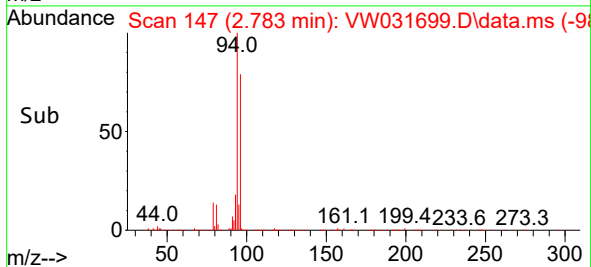
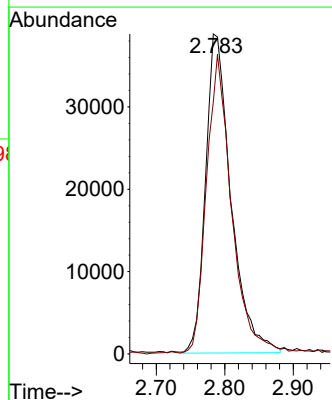
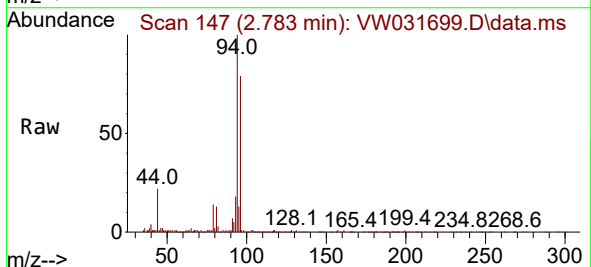
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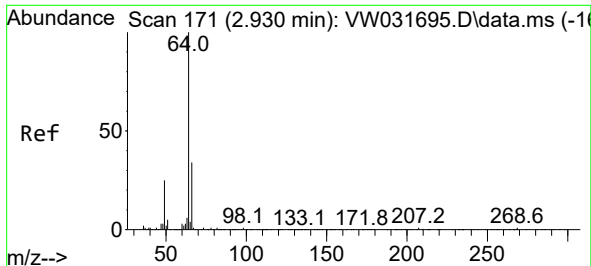
Tgt Ion: 62 Resp: 264528
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.7 43.9



#6
 Bromomethane
 Concen: 23.39 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW031699.D
 Acq: 08 May 2025 13:44

Tgt Ion: 94 Resp: 100311
 Ion Ratio Lower Upper
 94 100
 96 78.8 64.3 119.3

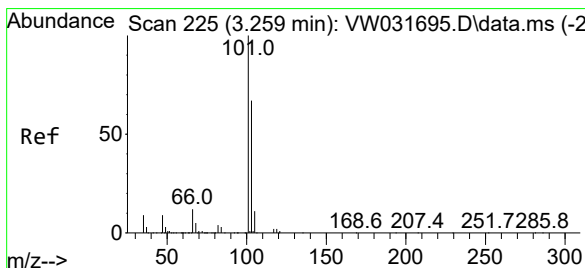
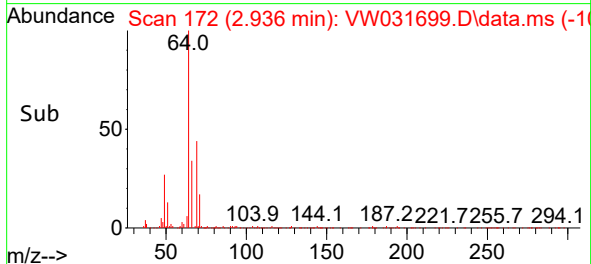
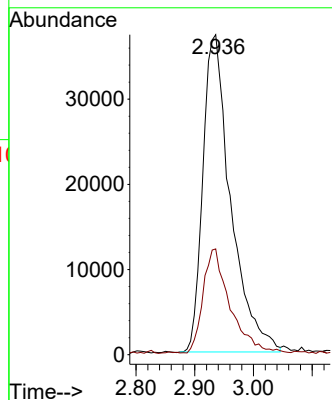
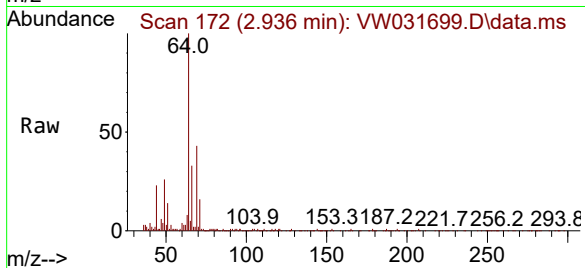




#8
Chloroethane
Concen: 24.31 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

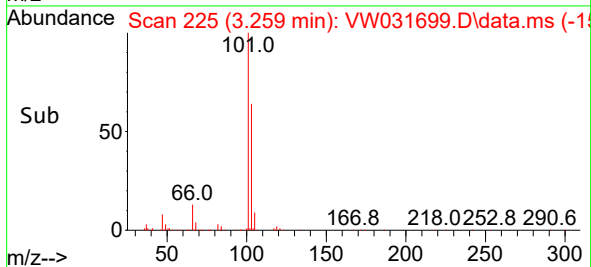
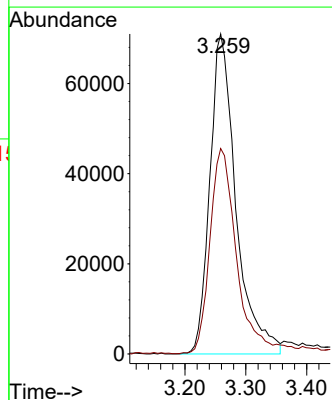
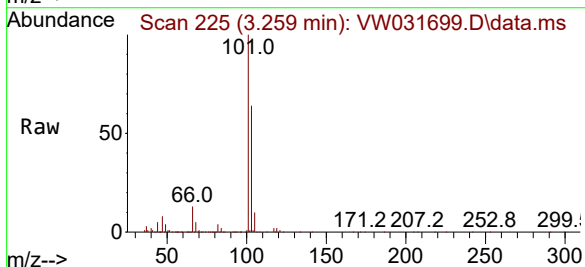
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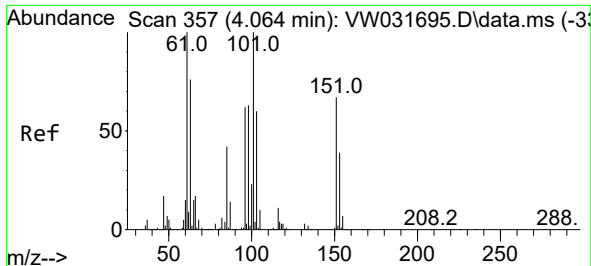
Tgt Ion: 64 Resp: 122691
Ion Ratio Lower Upper
64 100
66 33.1 23.9 44.5



#9
Trichlorofluoromethane
Concen: 25.51 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion: 101 Resp: 211198
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

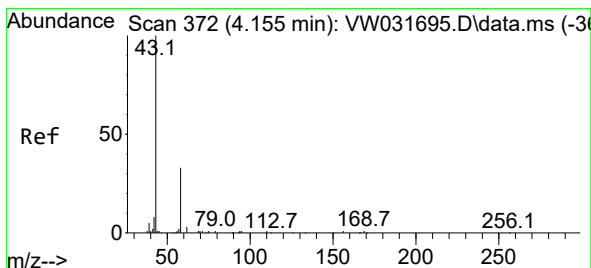
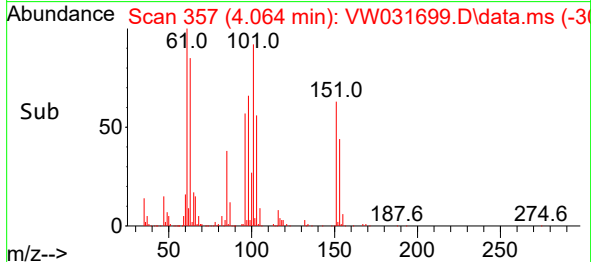
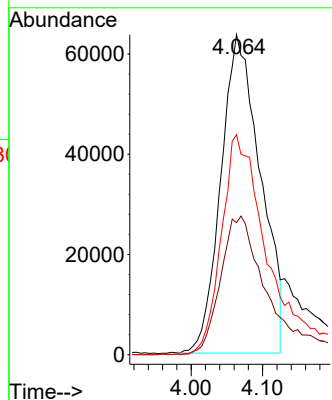
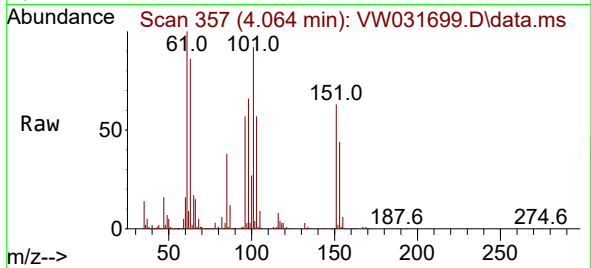




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.29 ug/L
RT: 4.064 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

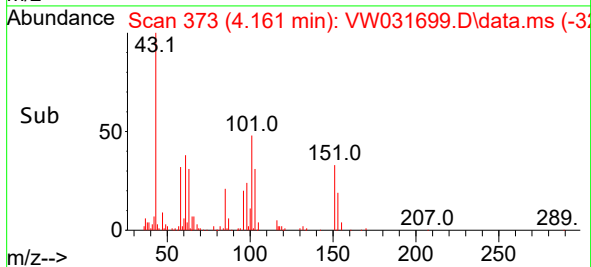
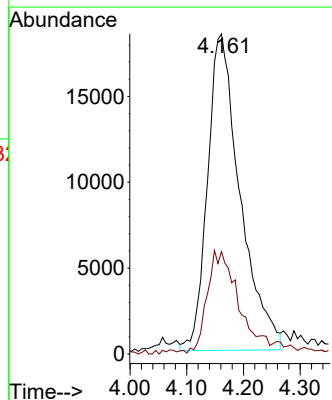
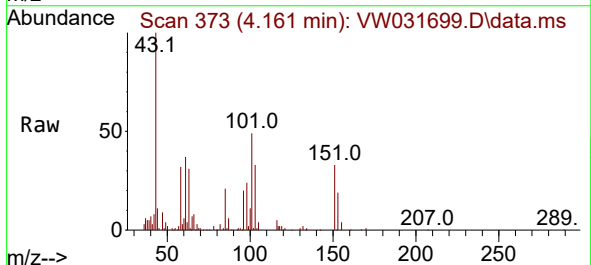
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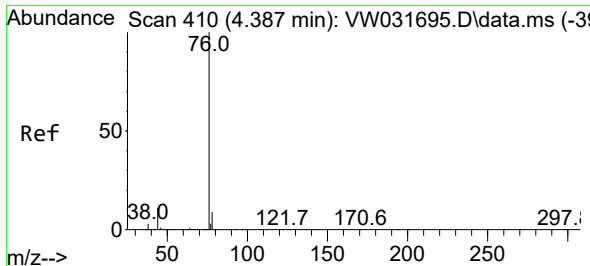
Tgt Ion:101 Resp: 245229
Ion Ratio Lower Upper
101 100
85 48.7 31.8 47.6#
151 41.6 54.6 82.0#



#13
Acetone
Concen: 46.59 ug/L
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion: 43 Resp: 73620
Ion Ratio Lower Upper
43 100
58 11.9 0.0 66.2

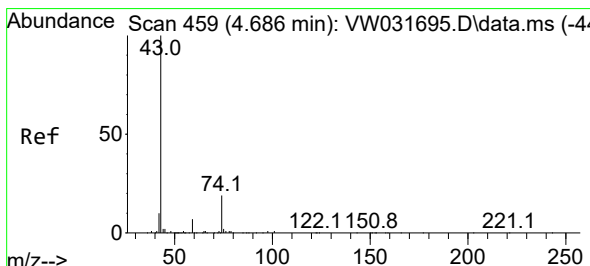
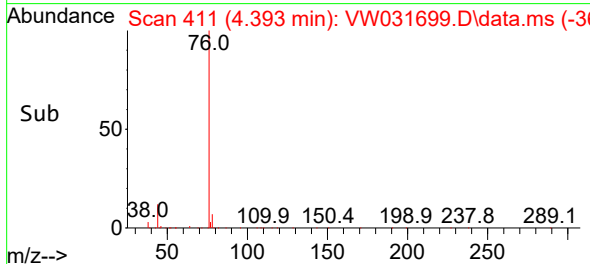
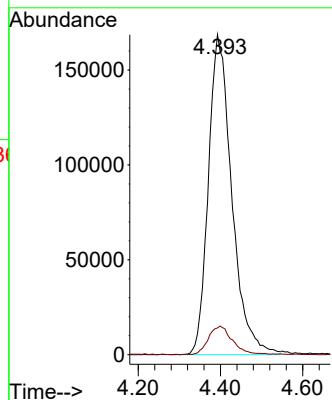
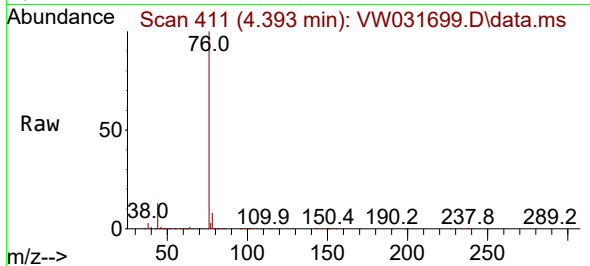




#14
Carbon disulfide
Concen: 24.89 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

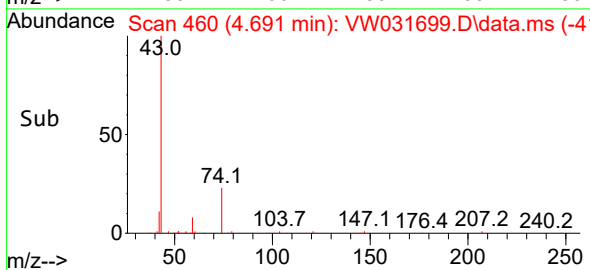
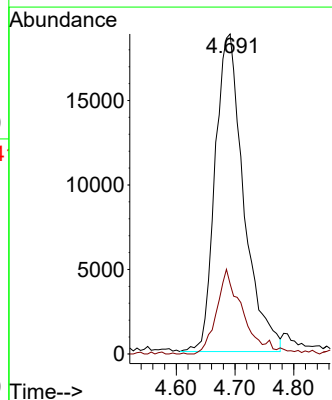
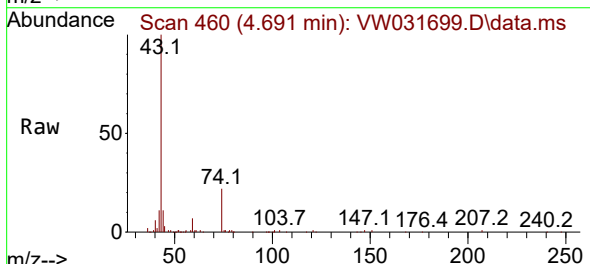
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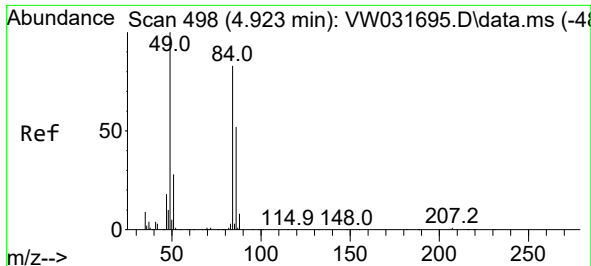
Tgt Ion: 76 Resp: 666893
Ion Ratio Lower Upper
76 100
78 8.4 6.9 10.3



#15
Methyl Acetate
Concen: 22.28 ug/L
RT: 4.691 min Scan# 460
Delta R.T. 0.005 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion: 43 Resp: 63548
Ion Ratio Lower Upper
43 100
74 22.9 8.7 13.1#

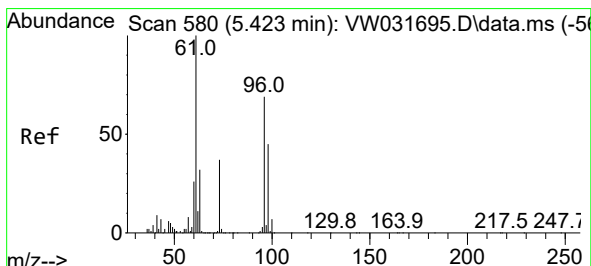
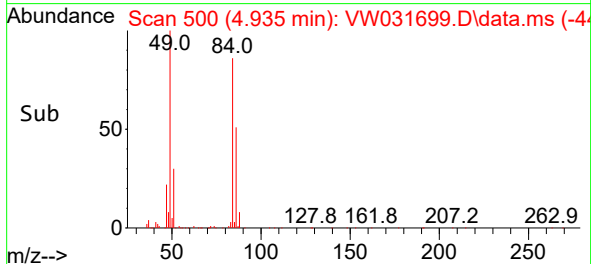
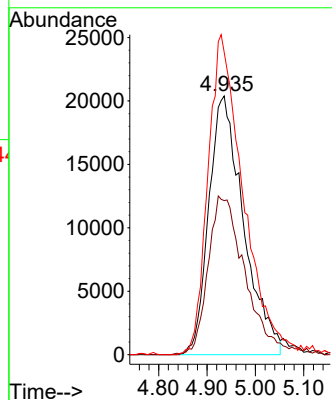
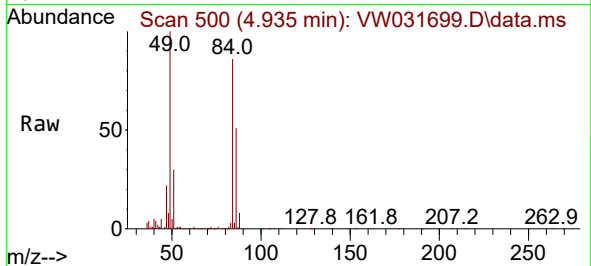




#16
Methylene chloride
Concen: 22.49 ug/L
RT: 4.935 min Scan# 500
Delta R.T. 0.012 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

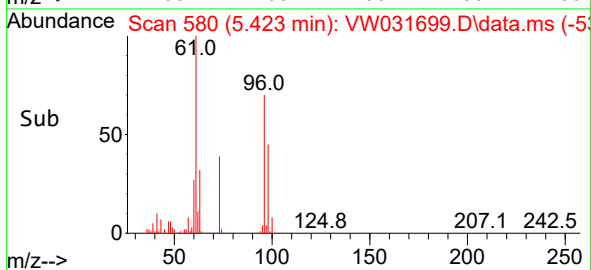
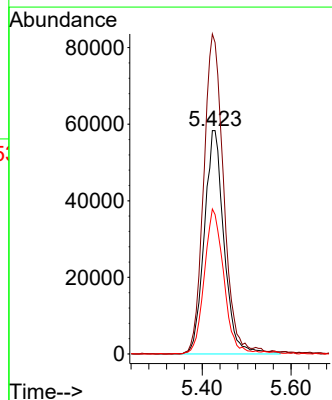
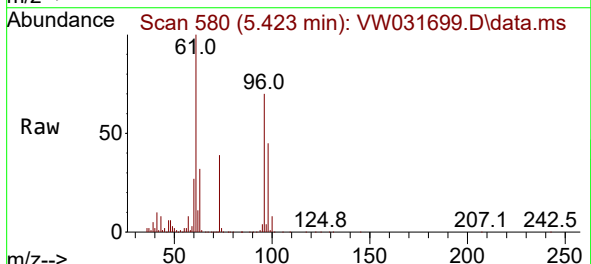
Instrument :
MSVOA_W
ClientSampleId :
VICV469

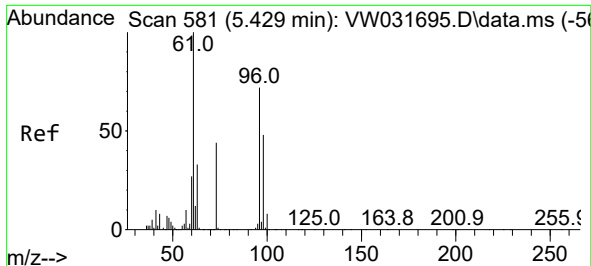
Tgt Ion: 84 Resp: 101834
Ion Ratio Lower Upper
84 100
86 59.6 44.2 82.2
49 116.8 85.1 158.1



#17
trans-1,2-Dichloroethene
Concen: 24.29 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion: 96 Resp: 180758
Ion Ratio Lower Upper
96 100
61 143.3 100.9 187.3
98 64.9 45.0 83.6

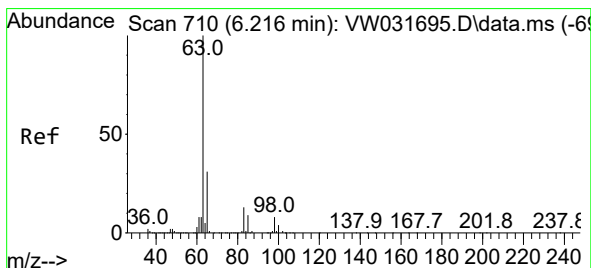
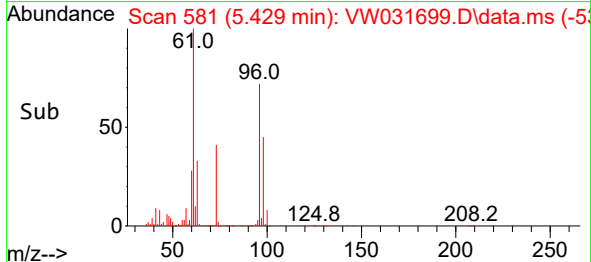
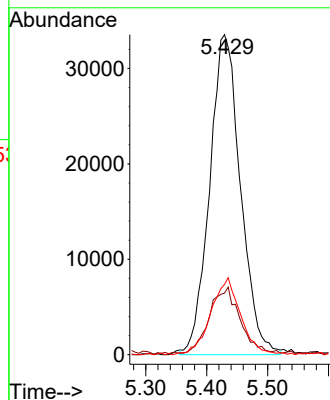
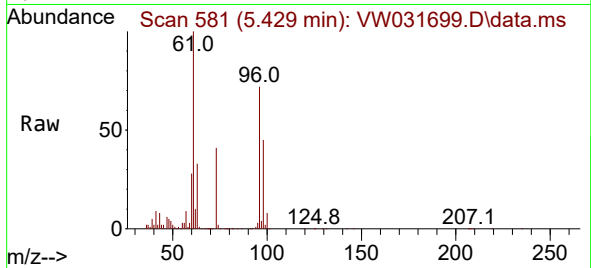




#18
Methyl tert-butyl Ether
Concen: 22.42 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

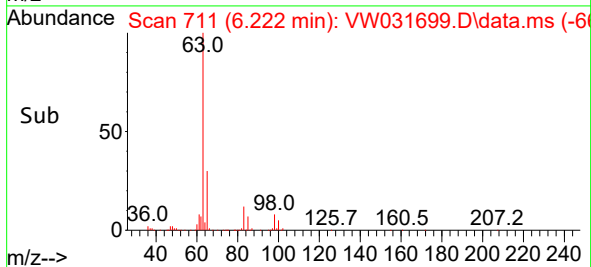
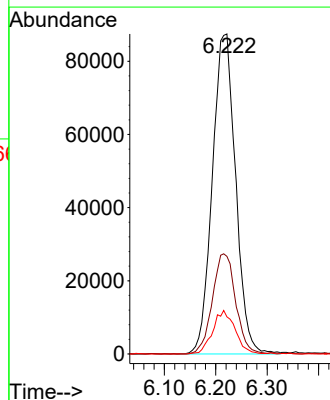
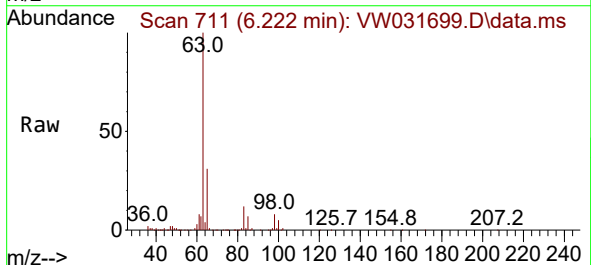
Instrument :
MSVOA_W
ClientSampleId :
VICV469

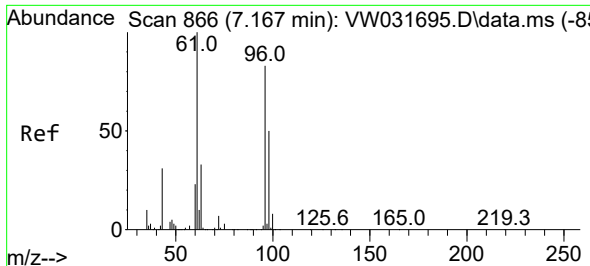
Tgt Ion: 73 Resp: 118250
Ion Ratio Lower Upper
73 100
43 21.0 15.4 23.2
57 22.6 8.5 12.7#



#19
1,1-Dichloroethane
Concen: 23.81 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion: 63 Resp: 275162
Ion Ratio Lower Upper
63 100
65 30.5 21.6 40.0
83 11.6 9.4 17.4

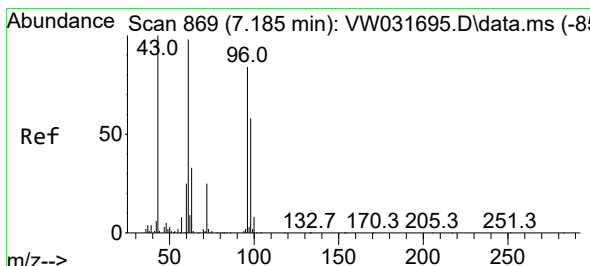
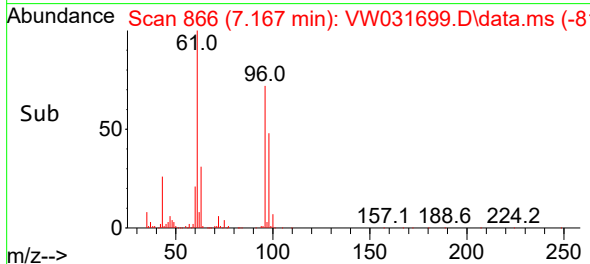
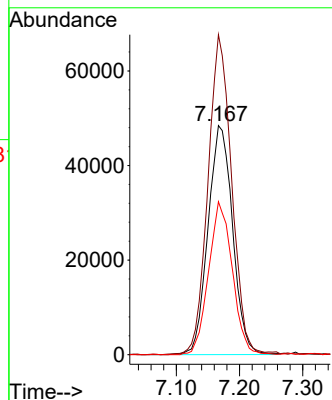
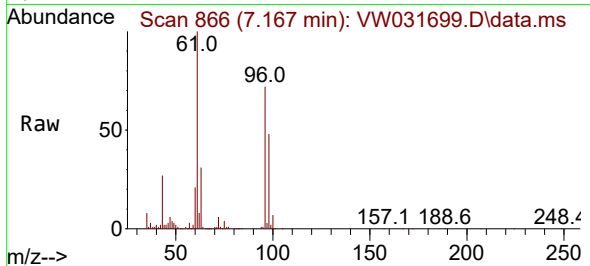




#20
 cis-1,2-Dichloroethene
 Concen: 22.92 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VW031699.D
 Acq: 08 May 2025 13:44

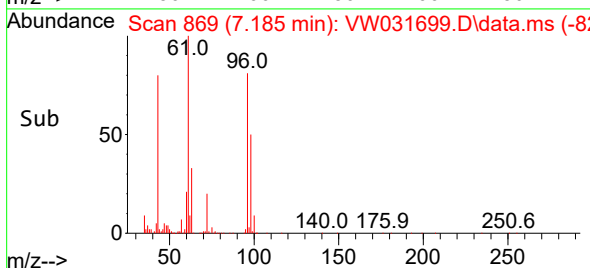
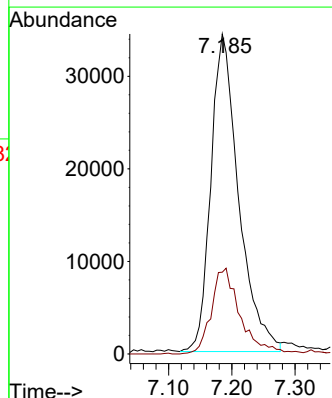
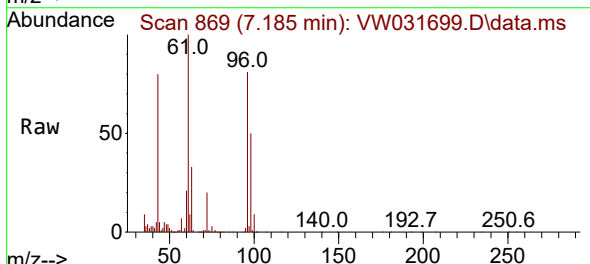
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV469

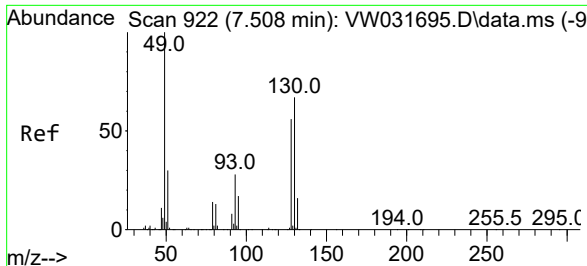
Tgt Ion: 96 Resp: 130975
 Ion Ratio Lower Upper
 96 100
 61 139.6 84.8 157.6
 98 66.7 42.4 78.6



#22
 2-Butanone
 Concen: 45.69 ug/L
 RT: 7.185 min Scan# 869
 Delta R.T. -0.000 min
 Lab File: VW031699.D
 Acq: 08 May 2025 13:44

Tgt Ion: 43 Resp: 104798
 Ion Ratio Lower Upper
 43 100
 72 27.6 13.7 41.1

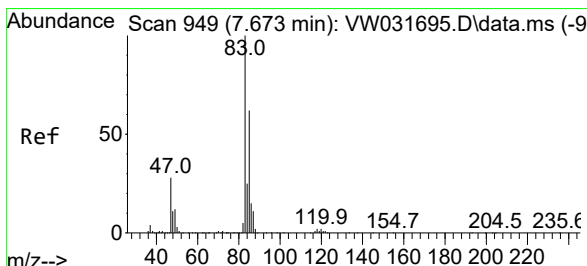
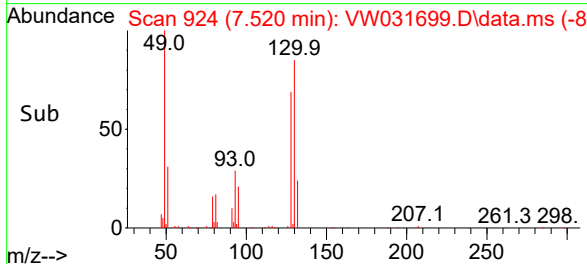
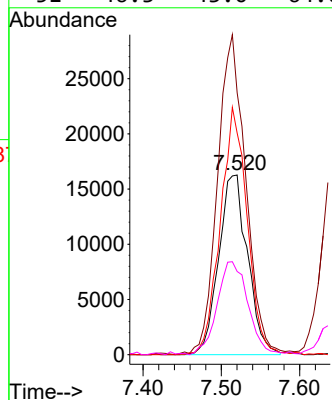
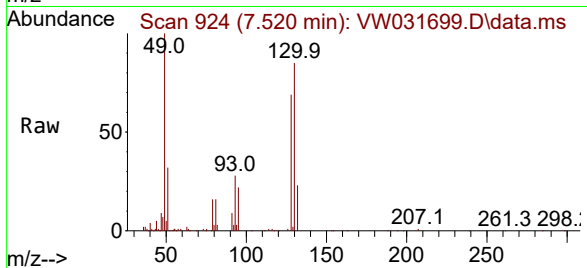




#23
Bromochloromethane
Concen: 22.56 ug/L
RT: 7.520 min Scan# 91
Delta R.T. 0.012 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

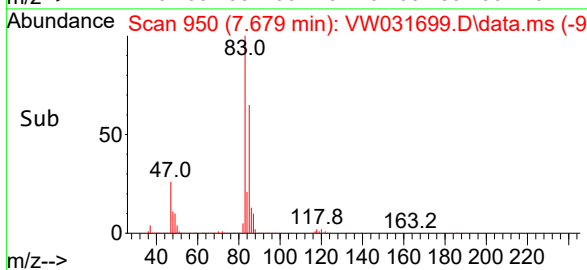
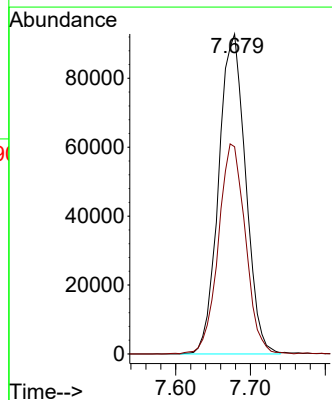
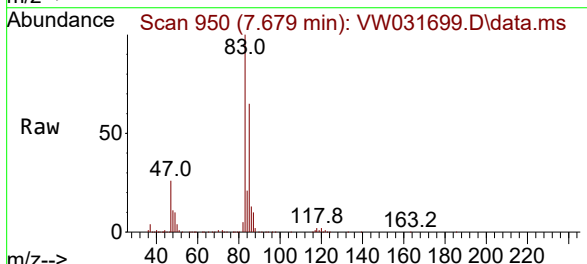
Instrument :
MSVOA_W
ClientSampleId :
VICV469

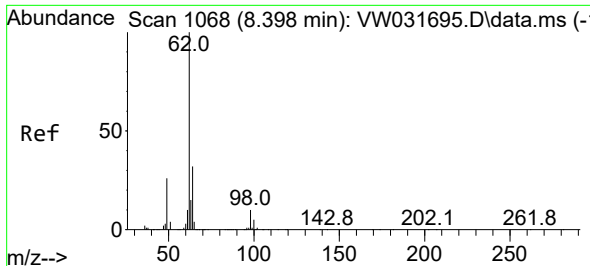
Tgt Ion:128 Resp: 41777
Ion Ratio Lower Upper
128 100
49 145.8 125.1 232.3
130 123.3 83.9 155.7
51 46.3 43.0 64.6



#25
Chloroform
Concen: 23.45 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion: 83 Resp: 232855
Ion Ratio Lower Upper
83 100
85 64.8 43.2 80.2

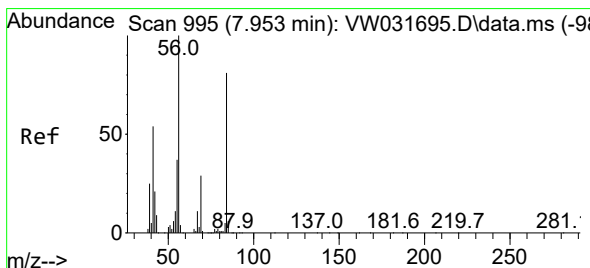
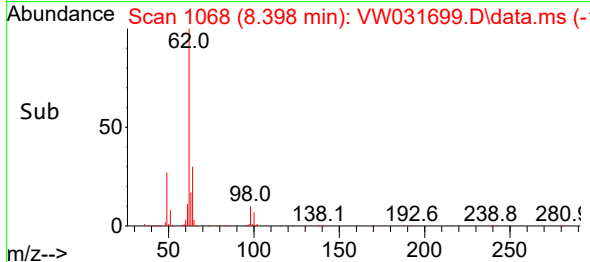
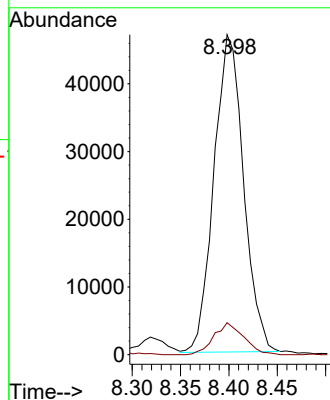
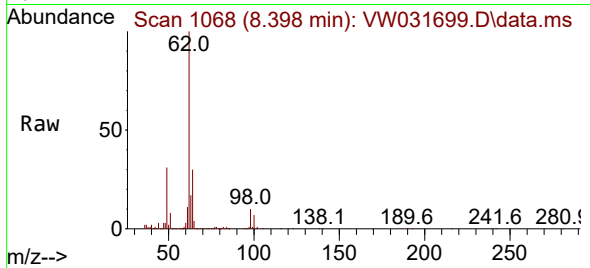




#27
1,2-Dichloroethane
Concen: 21.69 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

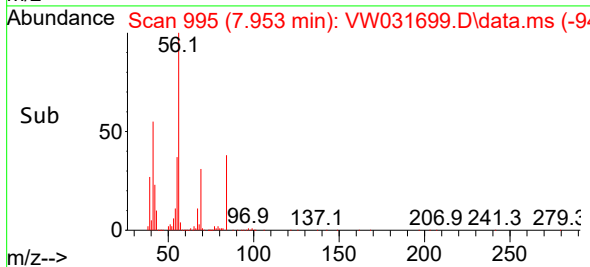
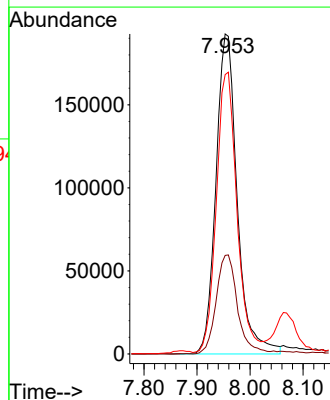
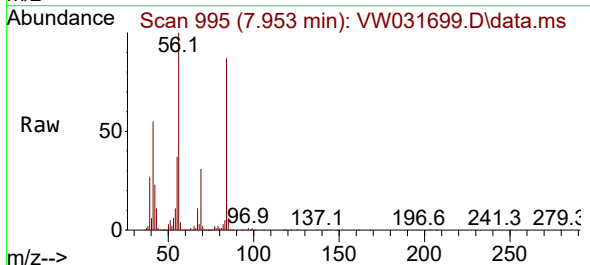
Instrument :
MSVOA_W
ClientSampleId :
VICV469

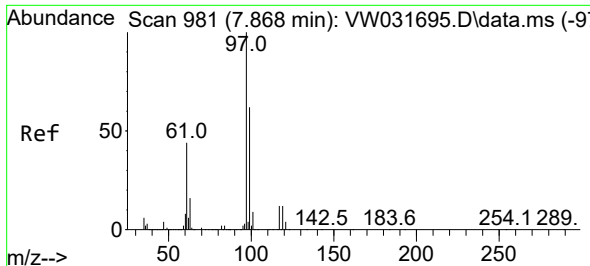
Tgt Ion: 62 Resp: 99801
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0



#29
Cyclohexane
Concen: 27.47 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion: 56 Resp: 537136
Ion Ratio Lower Upper
56 100
69 31.0 24.9 37.3
84 85.0 68.2 102.4

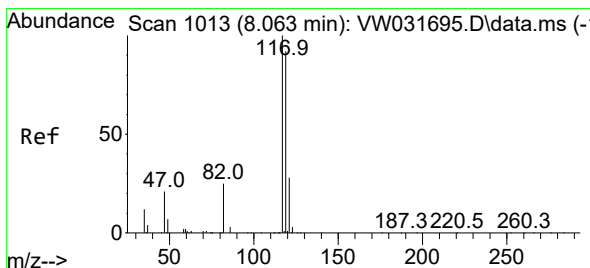
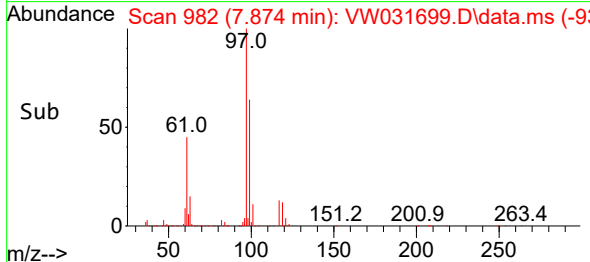
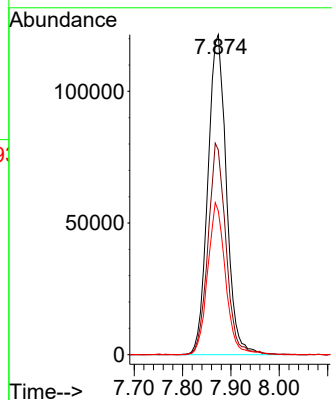
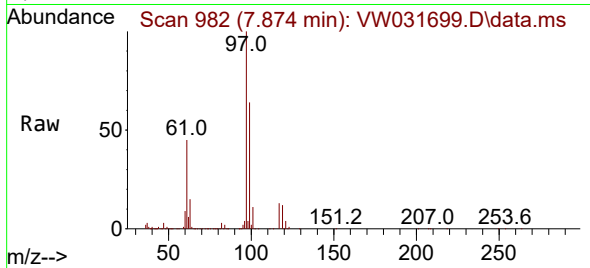




#30
1,1,1-Trichloroethane
Concen: 25.52 ug/L
RT: 7.874 min Scan# 981
Delta R.T. 0.006 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

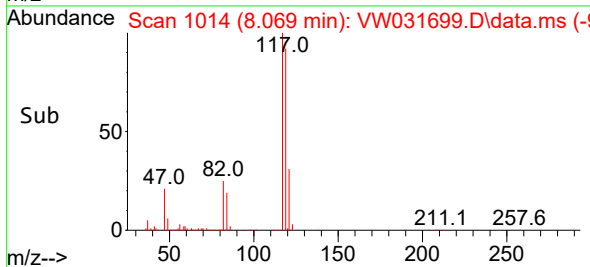
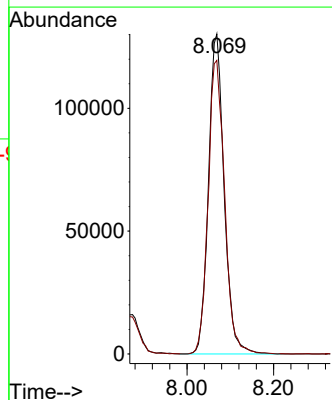
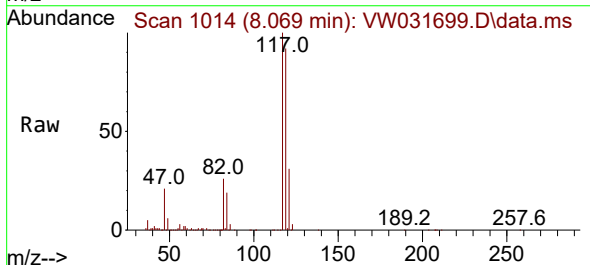
Instrument :
MSVOA_W
ClientSampleId :
VICV469

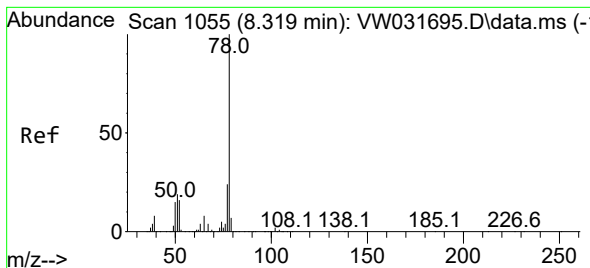
Tgt Ion: 97 Resp: 323844
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 45.5 36.4 54.6



#31
Carbon tetrachloride
Concen: 25.77 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion: 117 Resp: 327248
Ion Ratio Lower Upper
117 100
119 96.4 76.5 114.7





#33

Benzene

Concen: 24.75 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW031699.D

Acq: 08 May 2025 13:44

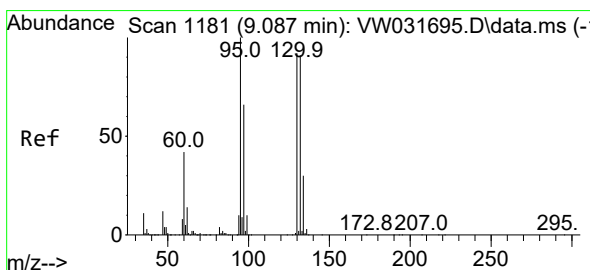
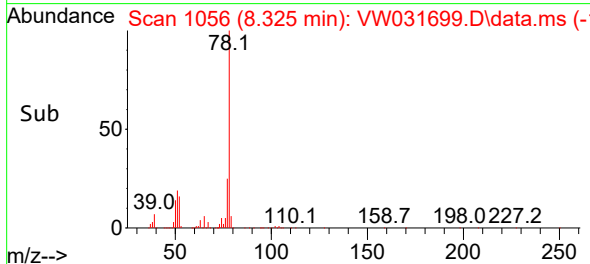
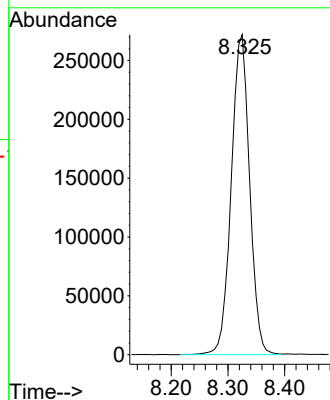
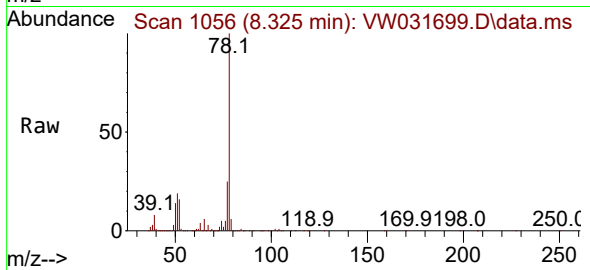
Instrument :

MSVOA_W

ClientSampleId :

VICV469

Tgt Ion: 78 Resp: 611247



#34

Trichloroethene

Concen: 24.94 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW031699.D

Acq: 08 May 2025 13:44

Tgt Ion: 95 Resp: 202332

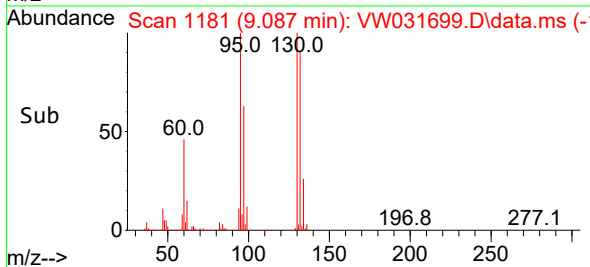
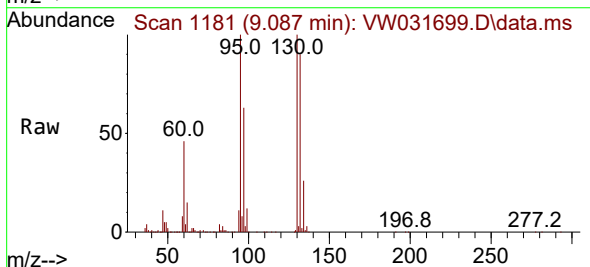
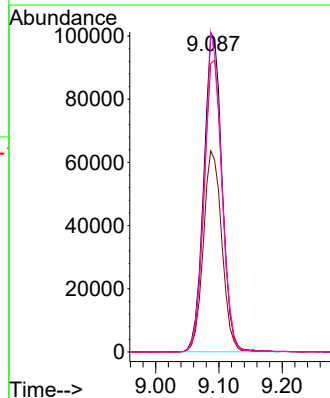
Ion Ratio Lower Upper

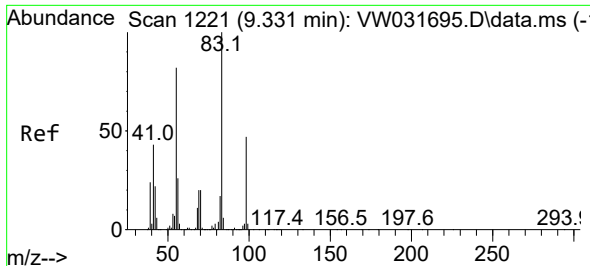
95 100

97 63.1 46.0 85.4

132 90.6 63.8 118.4

130 100.4 64.3 119.3

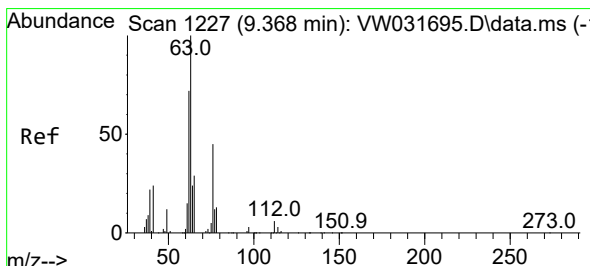
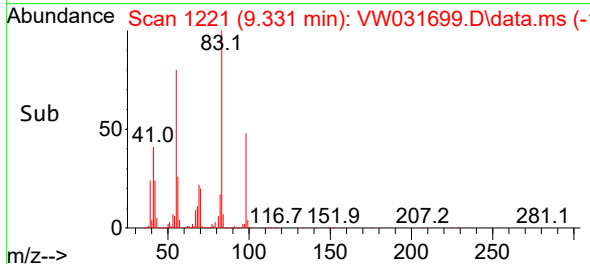
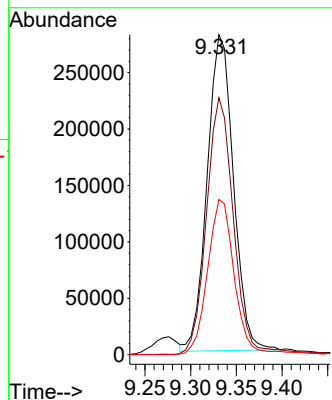
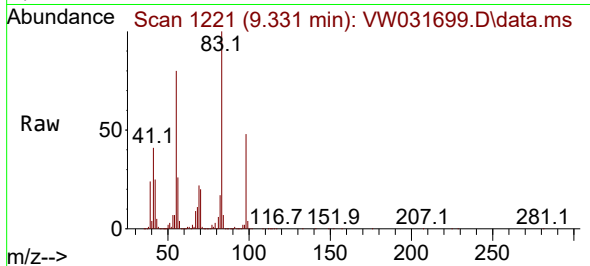




#35
Methylcyclohexane
Concen: 26.18 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

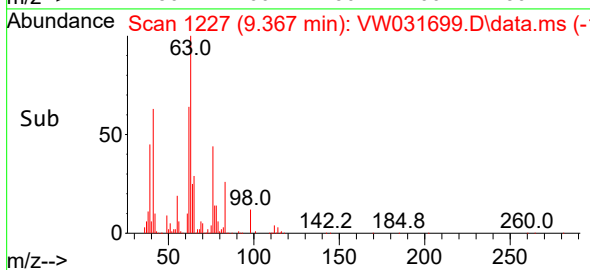
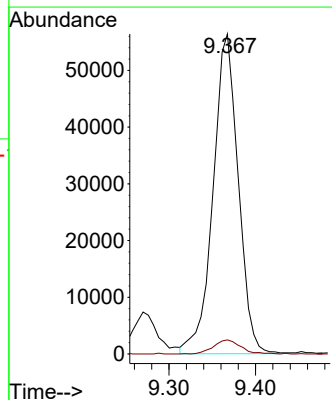
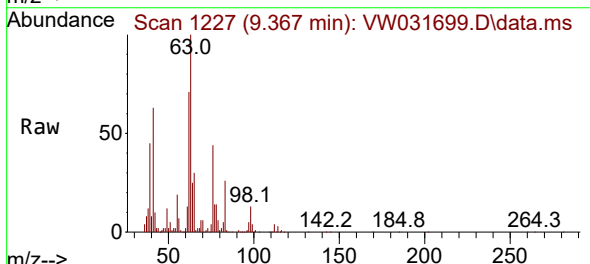
Instrument :
MSVOA_W
ClientSampleId :
VICV469

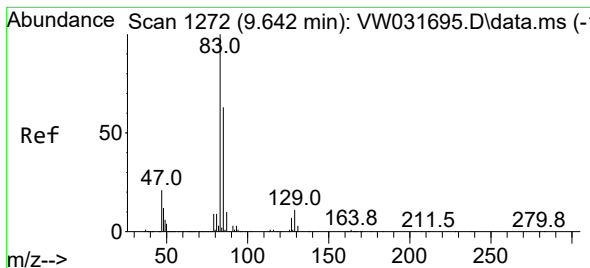
Tgt Ion: 83 Resp: 560196
Ion Ratio Lower Upper
83 100
55 84.0 63.1 94.7
98 48.9 37.6 56.4



#37
1,2-Dichloropropane
Concen: 23.71 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.001 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion: 63 Resp: 113662
Ion Ratio Lower Upper
63 100
112 4.7 4.0 6.0





#38

Bromodichloromethane

Concen: 23.54 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031699.D

Acq: 08 May 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

VICV469

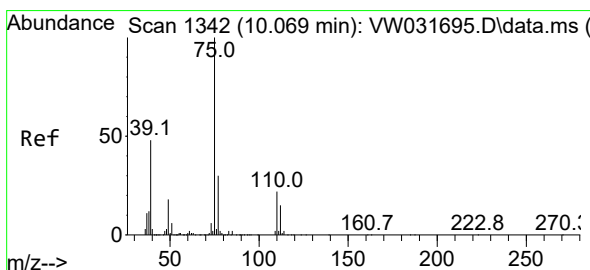
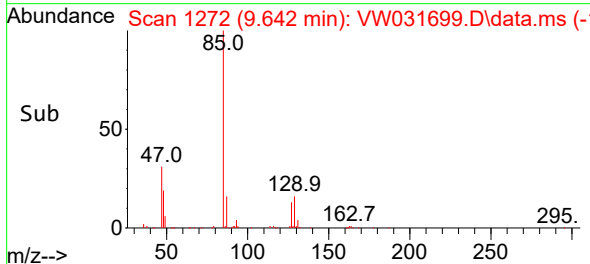
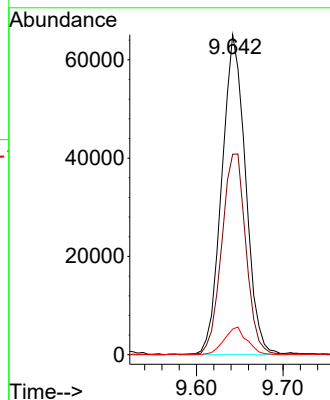
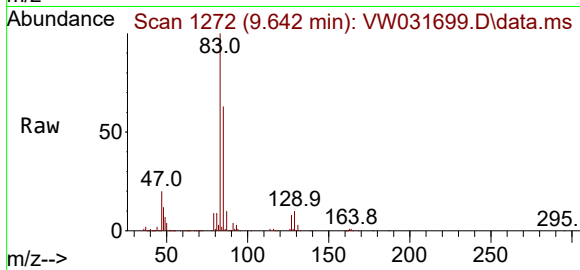
Tgt Ion: 83 Resp: 124124

Ion Ratio Lower Upper

83 100

85 62.7 44.0 81.8

127 8.0 5.8 8.6



#39

cis-1,3-Dichloropropene

Concen: 23.78 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW031699.D

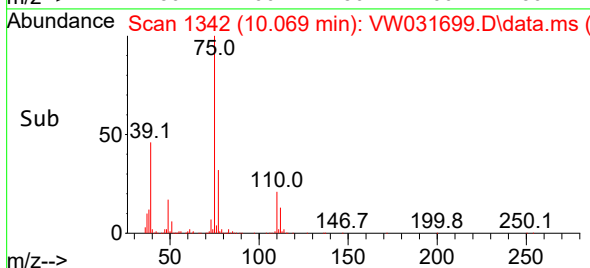
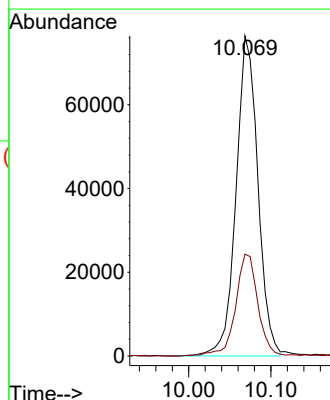
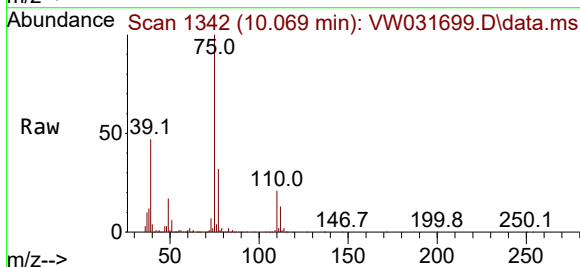
Acq: 08 May 2025 13:44

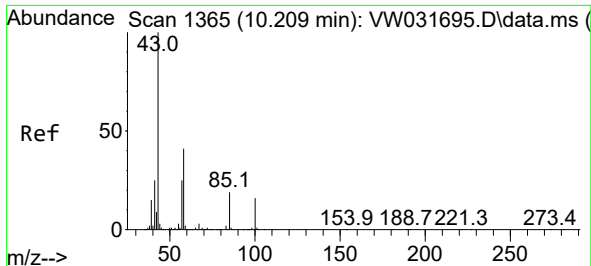
Tgt Ion: 75 Resp: 141092

Ion Ratio Lower Upper

75 100

77 31.8 20.7 38.5





#40

4-Methyl-2-pentanone

Concen: 45.61 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031699.D

Acq: 08 May 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

VICV469

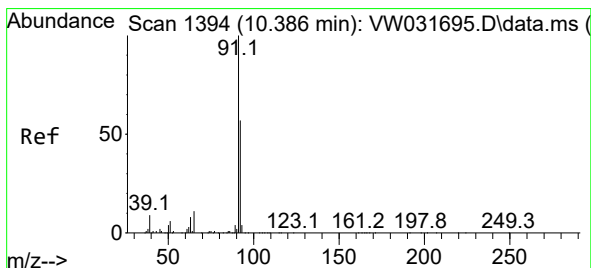
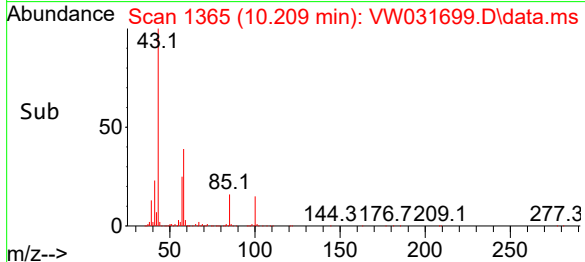
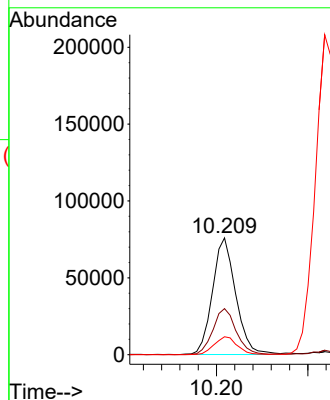
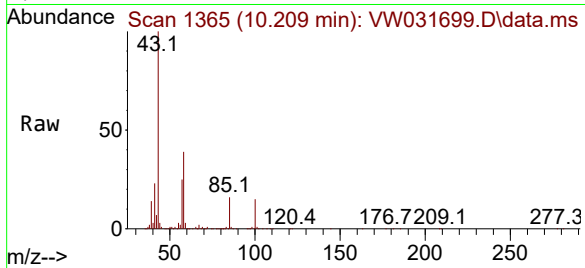
Tgt Ion: 43 Resp: 133913

Ion Ratio Lower Upper

43 100

58 39.7 31.0 46.6

100 15.4 11.9 17.9



#42

Toluene

Concen: 24.78 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031699.D

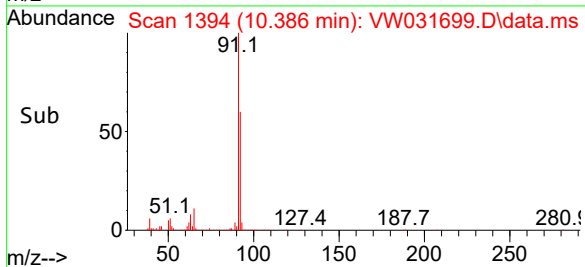
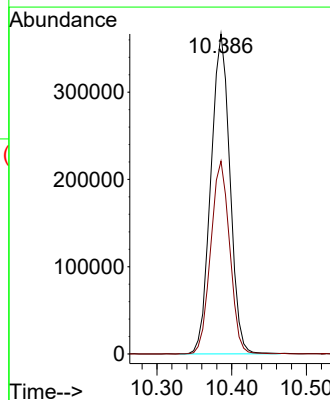
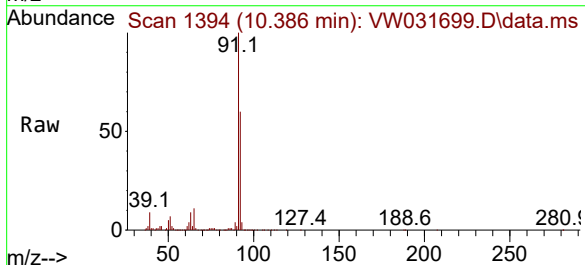
Acq: 08 May 2025 13:44

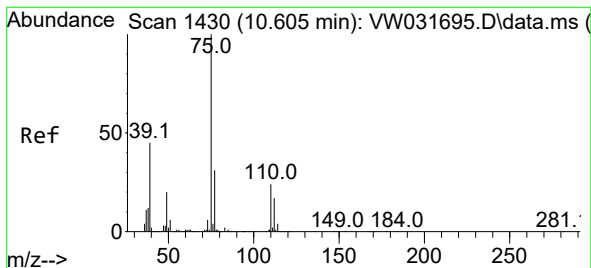
Tgt Ion: 91 Resp: 650271

Ion Ratio Lower Upper

91 100

92 60.2 40.3 74.8

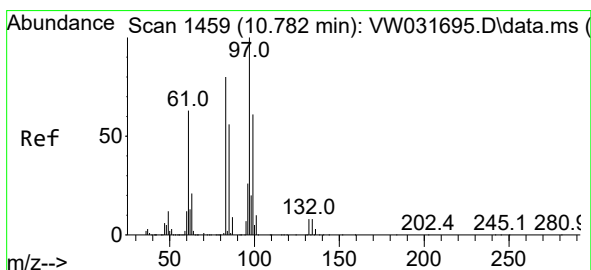
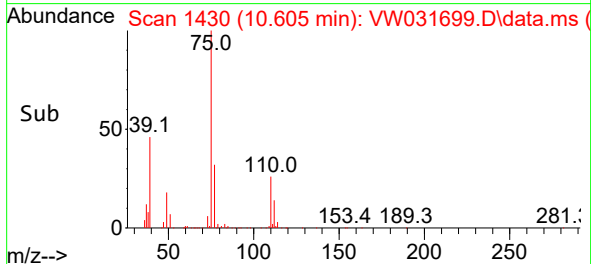
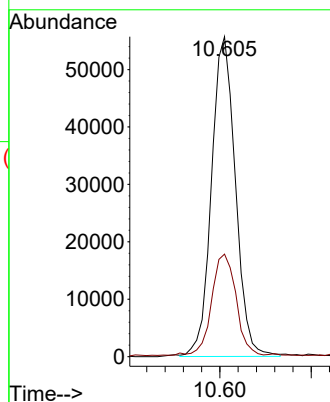
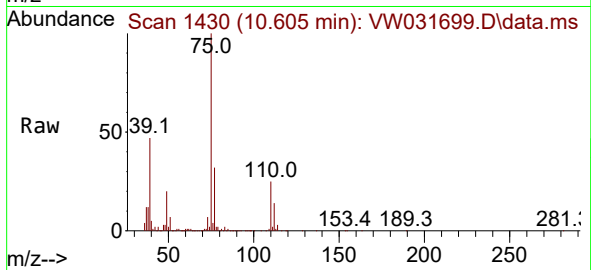




#44
trans-1,3-Dichloropropene
Concen: 22.73 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

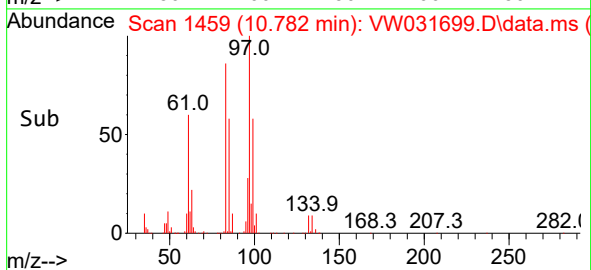
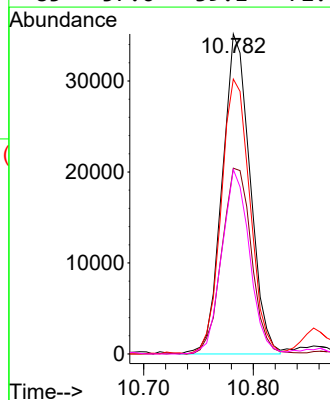
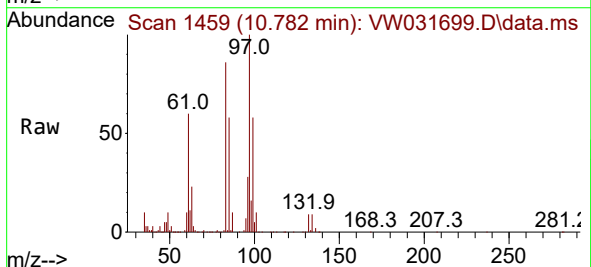
Instrument :
MSVOA_W
ClientSampleId :
VICV469

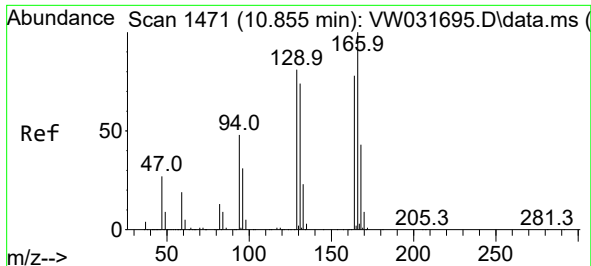
Tgt Ion: 75 Resp: 101136
Ion Ratio Lower Upper
75 100
77 32.1 22.1 41.1



#45
1,1,2-Trichloroethane
Concen: 22.68 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion: 97 Resp: 62028
Ion Ratio Lower Upper
97 100
99 58.0 42.6 79.2
83 85.9 55.7 103.5
85 57.6 39.1 72.7

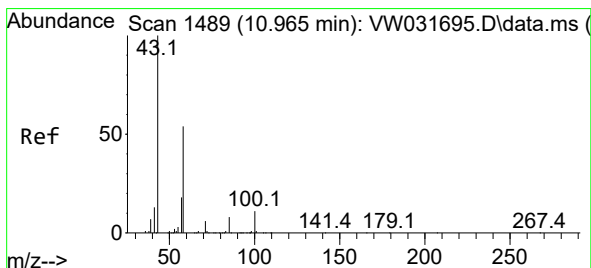
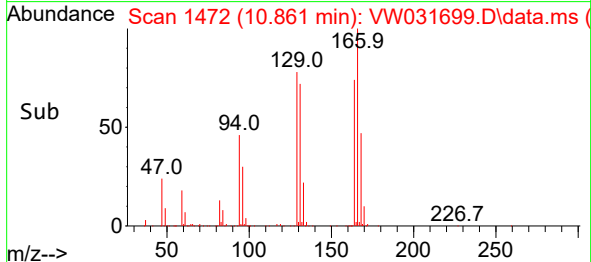
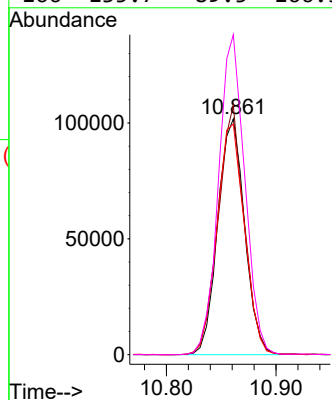
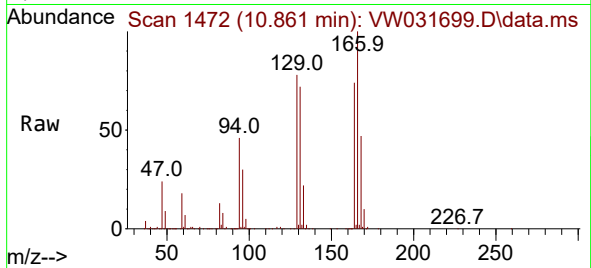




#46
Tetrachloroethene
Concen: 25.46 ug/L
RT: 10.861 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

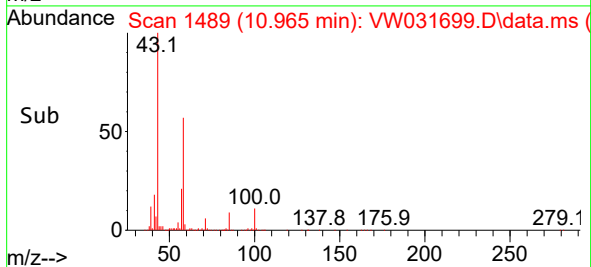
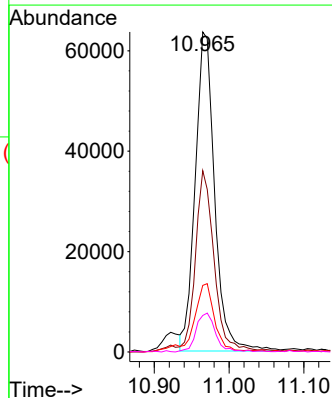
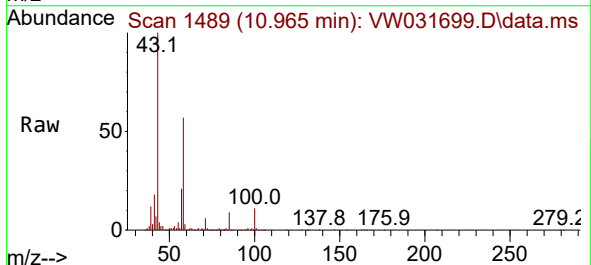
Instrument :
MSVOA_W
ClientSampleId :
VICV469

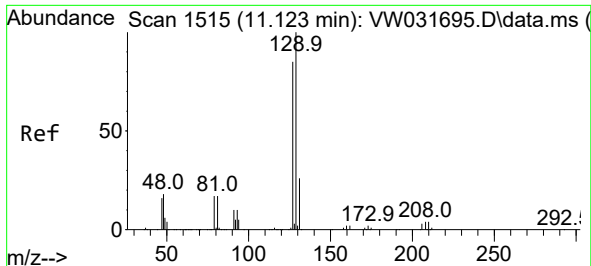
Tgt Ion:164 Resp: 172890
Ion Ratio Lower Upper
164 100
129 105.8 72.2 134.0
131 97.9 66.6 123.8
166 135.7 89.5 166.3



#48
2-Hexanone
Concen: 49.23 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion: 43 Resp: 114789
Ion Ratio Lower Upper
43 100
58 54.5 43.6 65.4
57 21.2 15.4 23.0
100 12.1 9.4 14.0

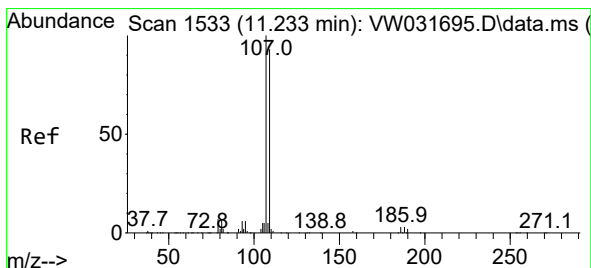
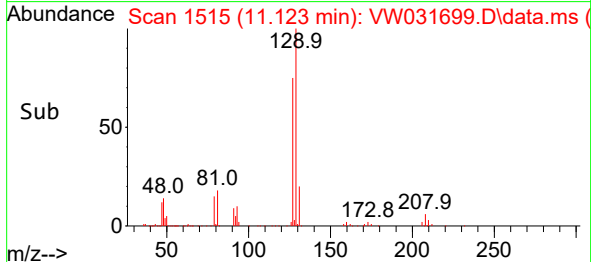
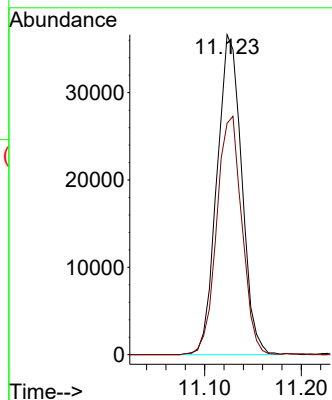
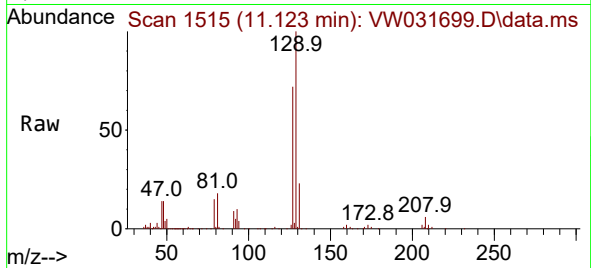




#49
Dibromochloromethane
Concen: 23.58 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

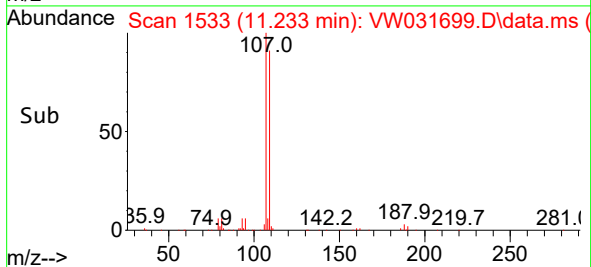
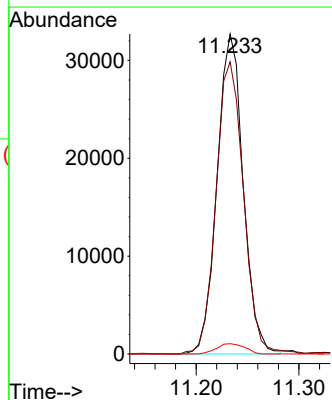
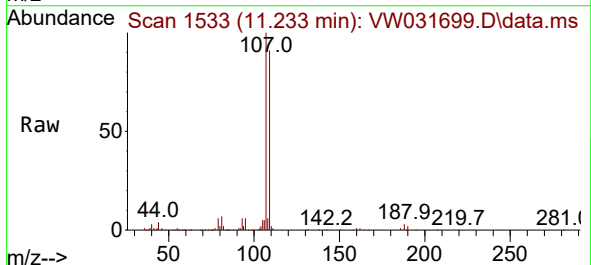
Instrument :
MSVOA_W
ClientSampleId :
VICV469

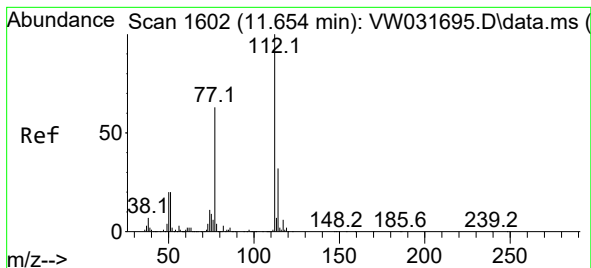
Tgt Ion:129 Resp: 65139
Ion Ratio Lower Upper
129 100
127 72.3 59.7 110.9



#50
1,2-Dibromoethane
Concen: 22.42 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion:107 Resp: 57640
Ion Ratio Lower Upper
107 100
109 91.3 65.0 120.8
188 3.2 2.2 3.2

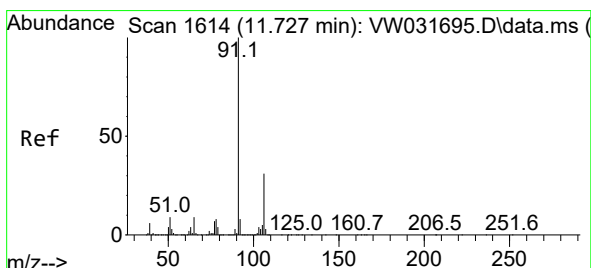
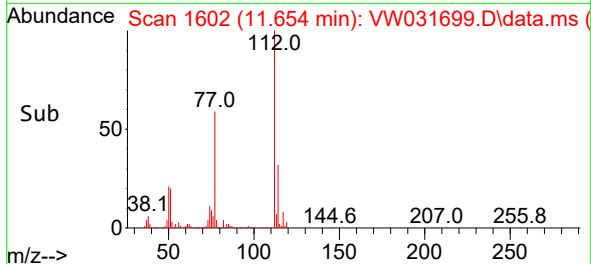
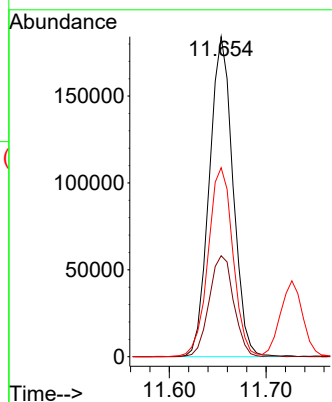
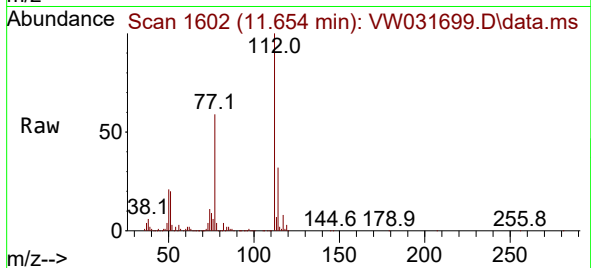




#51
Chlorobenzene
Concen: 23.94 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

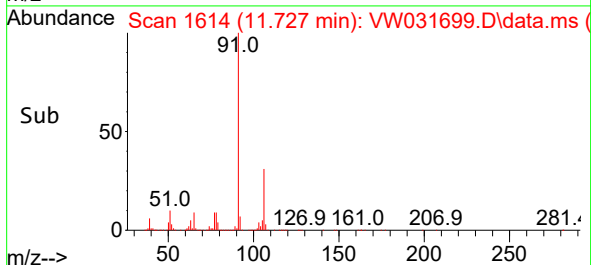
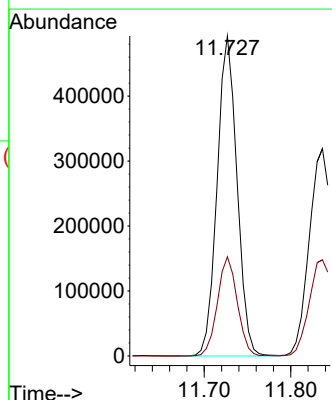
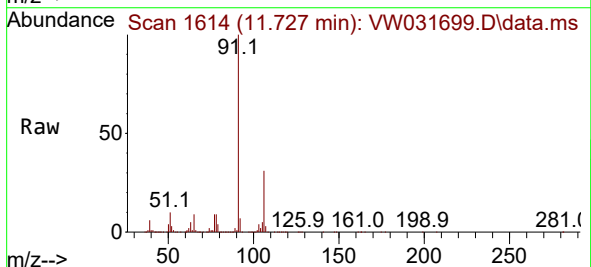
Instrument :
MSVOA_W
ClientSampleId :
VICV469

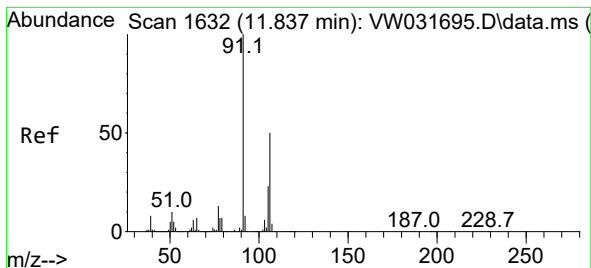
Tgt Ion:112 Resp: 312959
Ion Ratio Lower Upper
112 100
114 31.6 22.6 42.0
77 59.1 50.3 75.5



#52
Ethylbenzene
Concen: 24.88 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion: 91 Resp: 785061
Ion Ratio Lower Upper
91 100
106 31.0 21.3 39.6

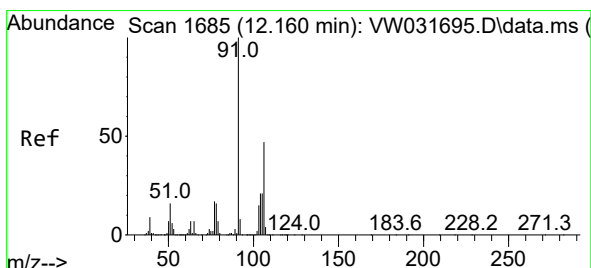
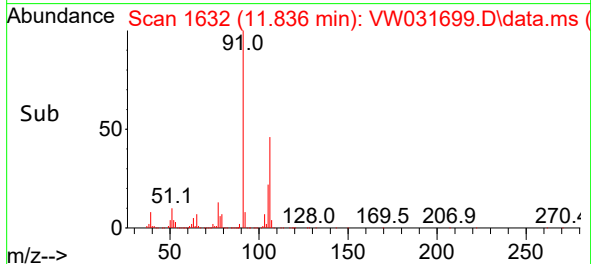
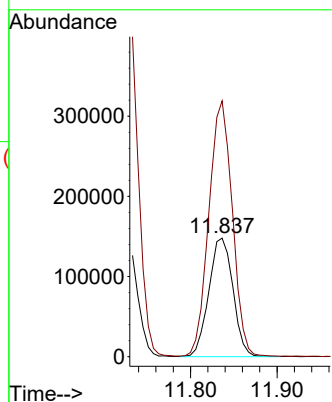
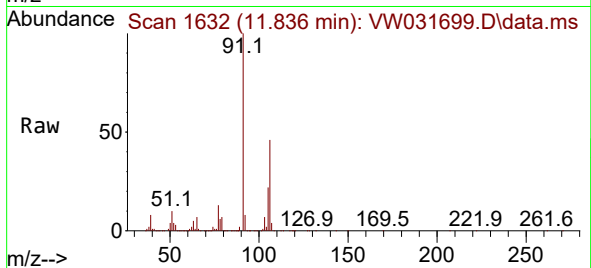




#53
m,p-Xylene
Concen: 25.22 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.001 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

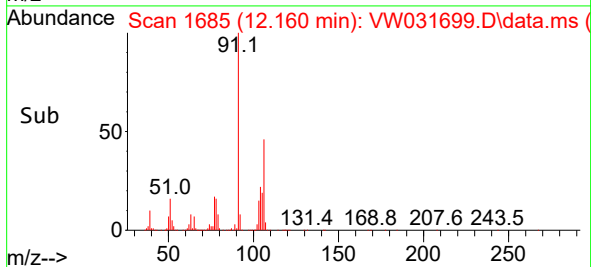
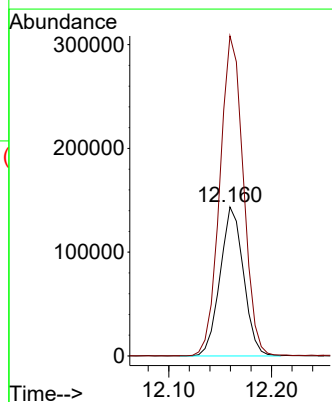
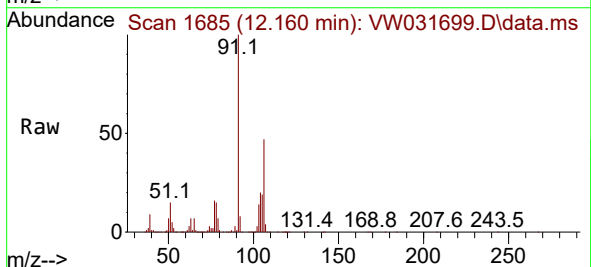
Instrument :
MSVOA_W
ClientSampleId :
VICV469

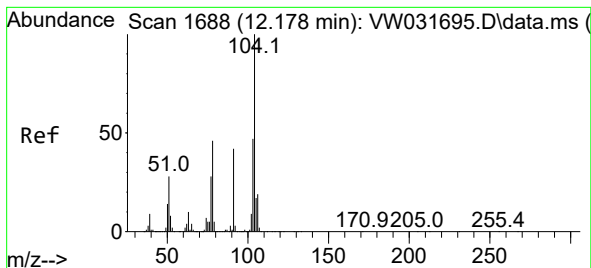
Tgt Ion:106 Resp: 286437
Ion Ratio Lower Upper
106 100
91 215.7 138.9 257.9



#54
o-Xylene
Concen: 25.40 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion:106 Resp: 226995
Ion Ratio Lower Upper
106 100
91 214.8 147.4 273.8





#55

Styrene

Concen: 24.99 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031699.D

Acq: 08 May 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

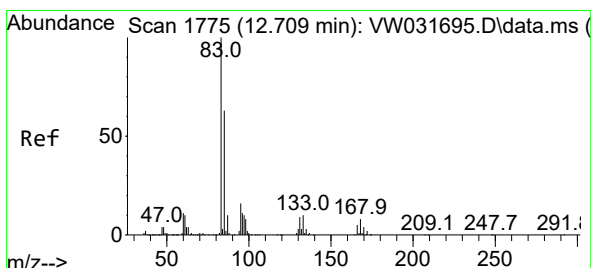
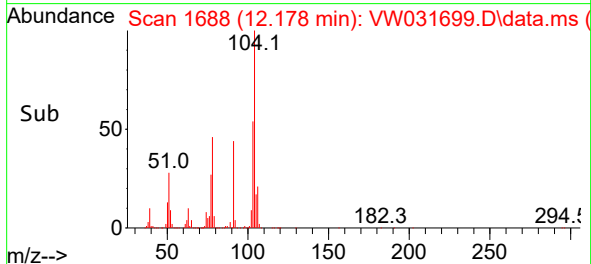
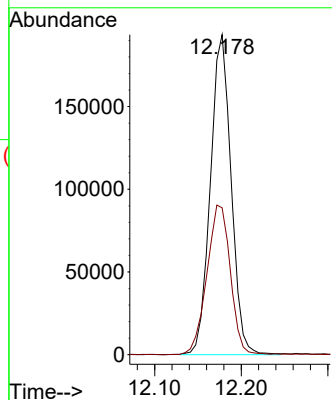
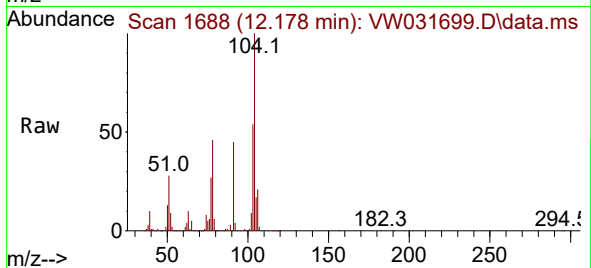
VICV469

Tgt Ion:104 Resp: 321917

Ion Ratio Lower Upper

104 100

78 45.9 32.1 59.5



#57

1,1,2,2-Tetrachloroethane

Concen: 22.90 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.001 min

Lab File: VW031699.D

Acq: 08 May 2025 13:44

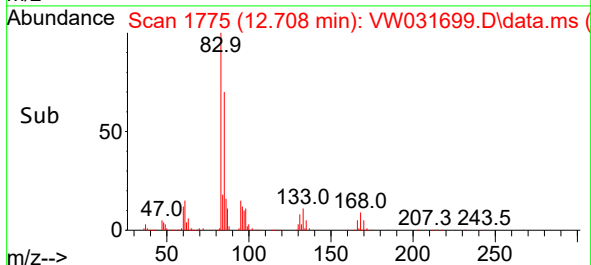
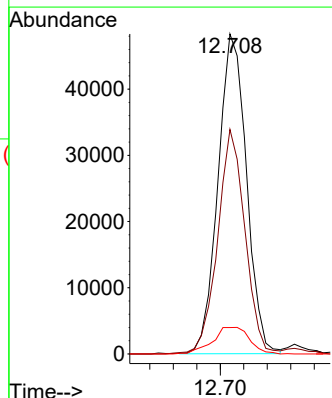
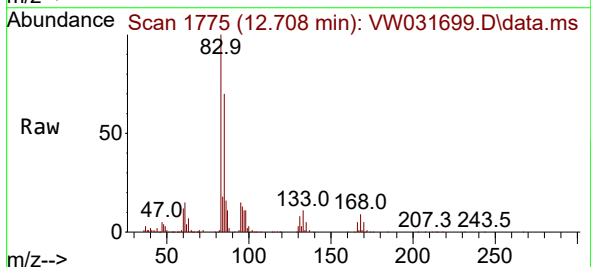
Tgt Ion: 83 Resp: 81225

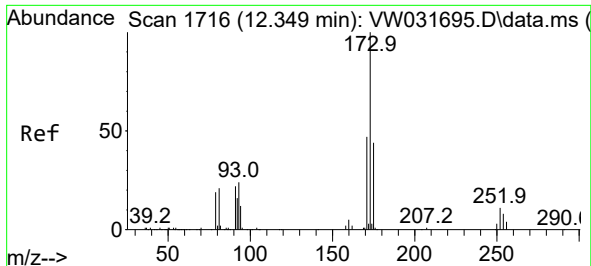
Ion Ratio Lower Upper

83 100

85 70.2 44.2 82.2

131 8.3 7.4 11.2

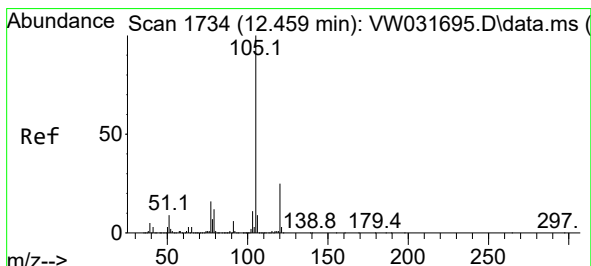
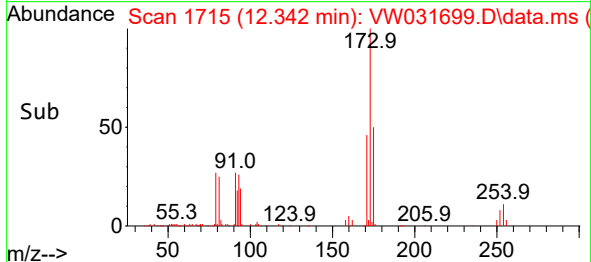
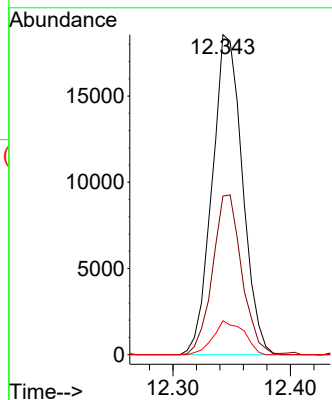
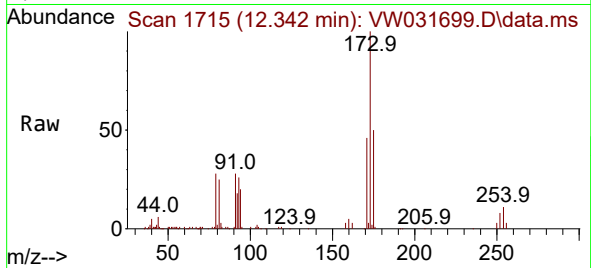




#59
Bromoform
Concen: 22.66 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.007 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

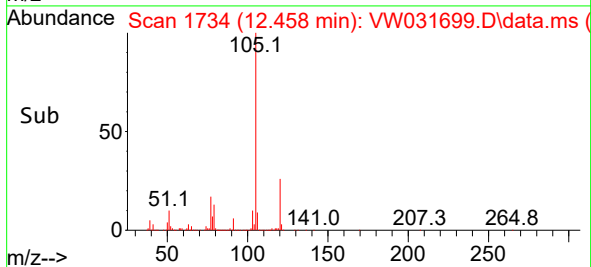
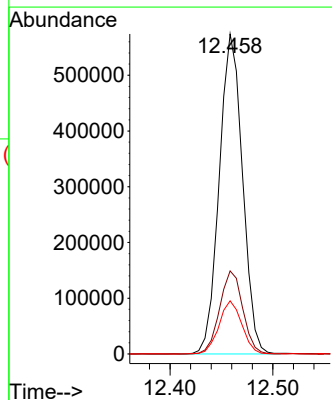
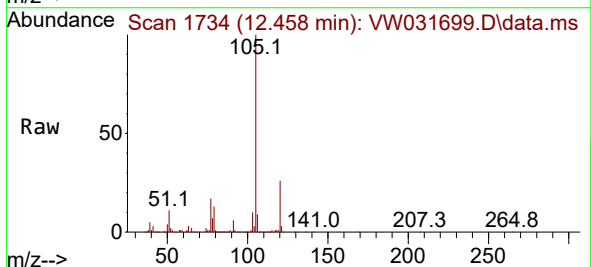
Instrument :
MSVOA_W
ClientSampleId :
VICV469

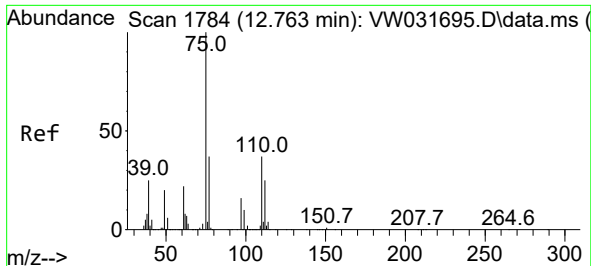
Tgt Ion:173 Resp: 33270
Ion Ratio Lower Upper
173 100
175 48.1 38.1 57.1
254 10.8 5.5 8.3#



#60
Isopropylbenzene
Concen: 26.47 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.001 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion:105 Resp: 901445
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 16.2 13.3 19.9





#61

1,2,3-Trichloropropane

Concen: 23.78 ug/L

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031699.D

Acq: 08 May 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

VICV469

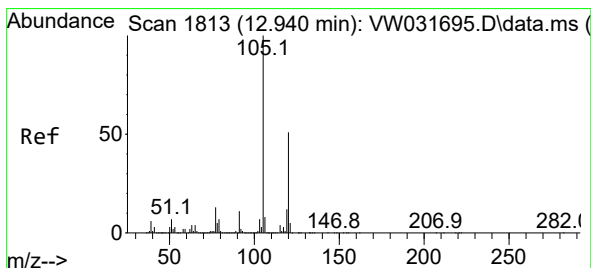
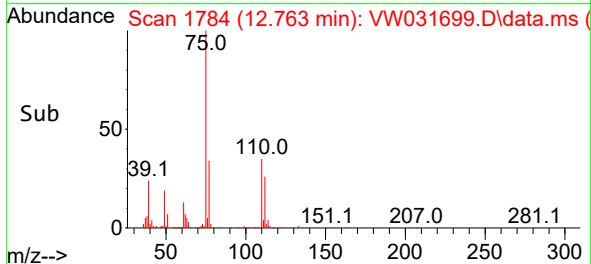
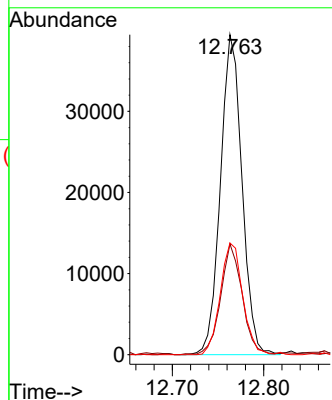
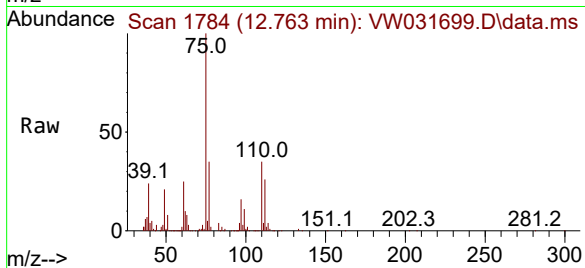
Tgt Ion: 75 Resp: 64809

Ion Ratio Lower Upper

75 100

77 34.1 28.4 42.6

110 36.2 30.9 46.3



#62

1,3,5-Trimethylbenzene

Concen: 26.08 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW031699.D

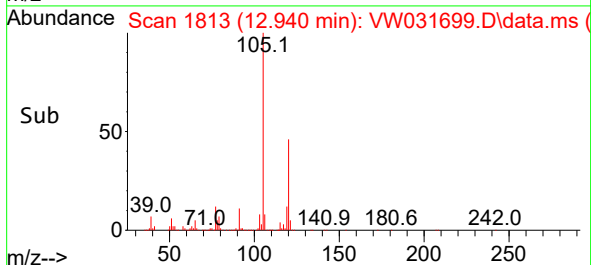
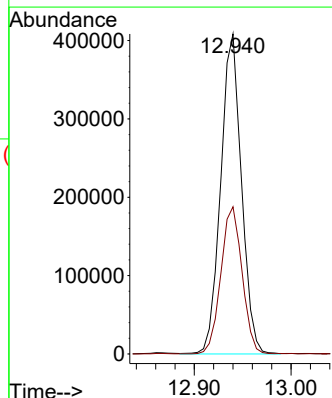
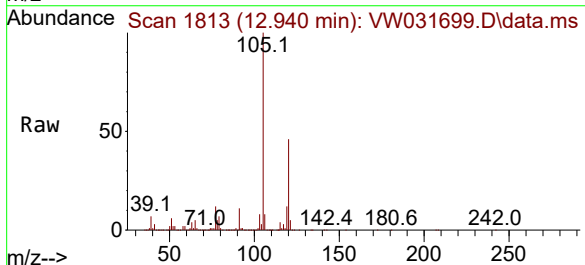
Acq: 08 May 2025 13:44

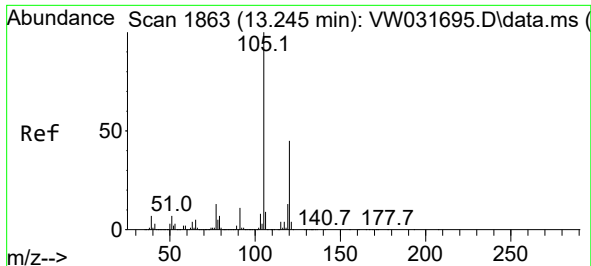
Tgt Ion:105 Resp: 607840

Ion Ratio Lower Upper

105 100

120 46.8 38.2 57.2

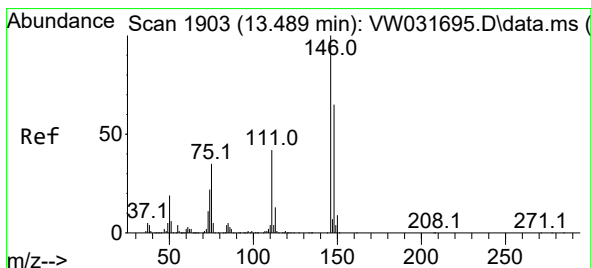
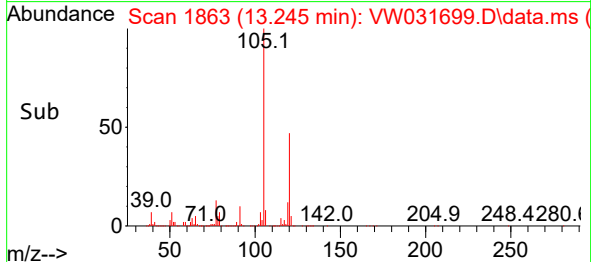
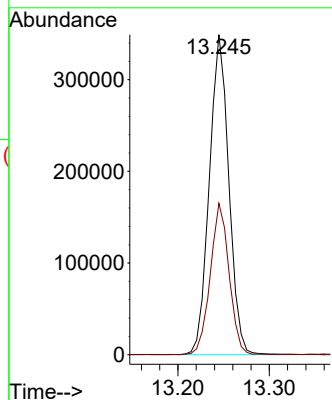
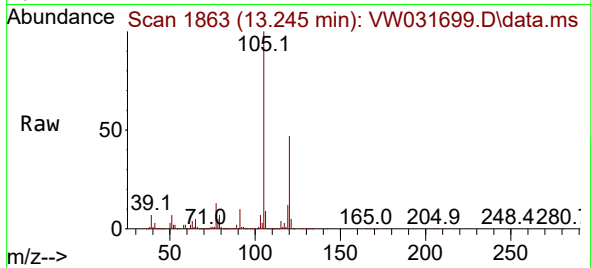




#63
1,2,4-Trimethylbenzene
Concen: 26.08 ug/L
RT: 13.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

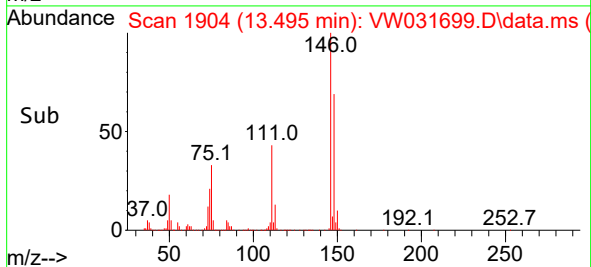
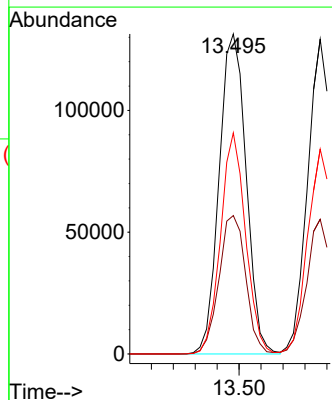
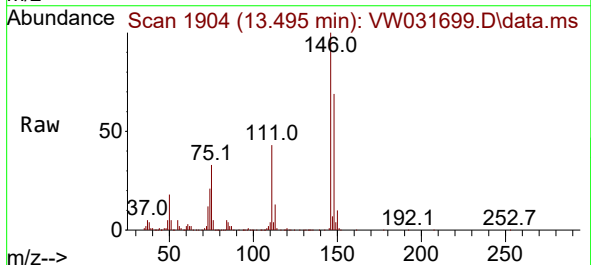
Instrument :
MSVOA_W
ClientSampleId :
VICV469

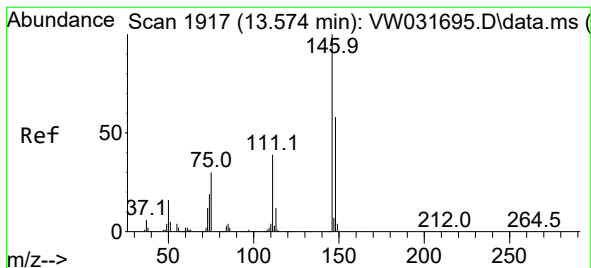
Tgt Ion:105 Resp: 516969
Ion Ratio Lower Upper
105 100
120 45.5 35.4 53.2



#64
1,3-Dichlorobenzene
Concen: 24.99 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion:146 Resp: 224518
Ion Ratio Lower Upper
146 100
111 43.2 29.5 54.9
148 69.1 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 24.56 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031699.D

Acq: 08 May 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

VICV469

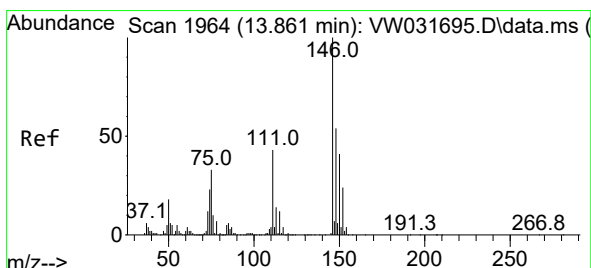
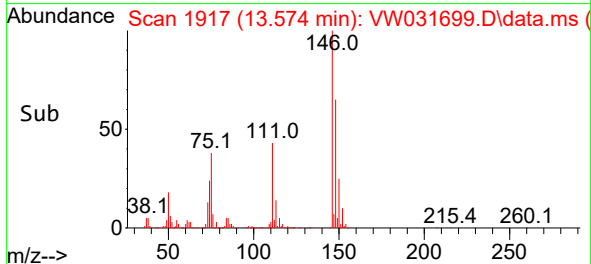
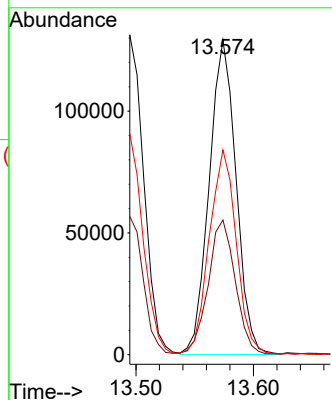
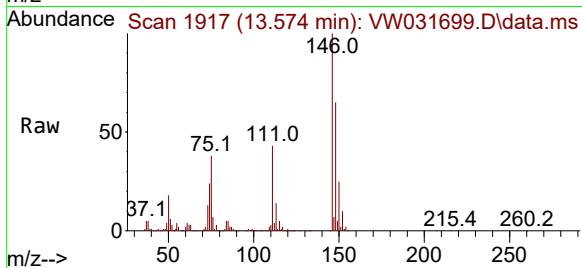
Tgt Ion:146 Resp: 205773

Ion Ratio Lower Upper

146 100

111 42.8 27.6 51.2

148 65.1 40.6 75.4



#67

1,2-Dichlorobenzene

Concen: 23.95 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VW031699.D

Acq: 08 May 2025 13:44

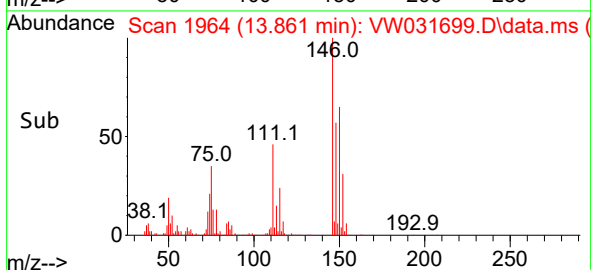
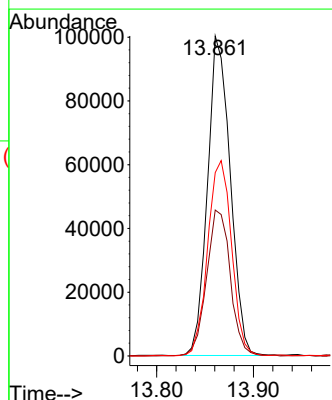
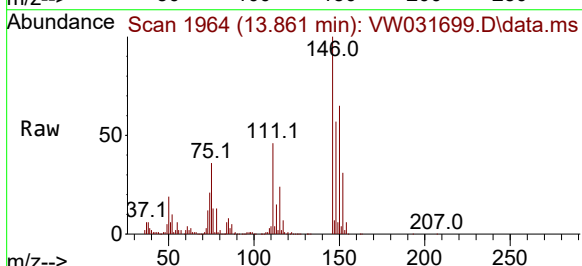
Tgt Ion:146 Resp: 163646

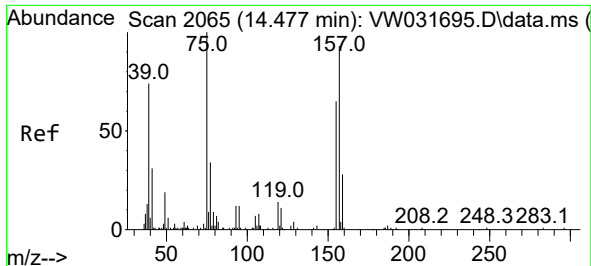
Ion Ratio Lower Upper

146 100

111 45.6 34.2 51.4

148 57.3 43.5 65.3

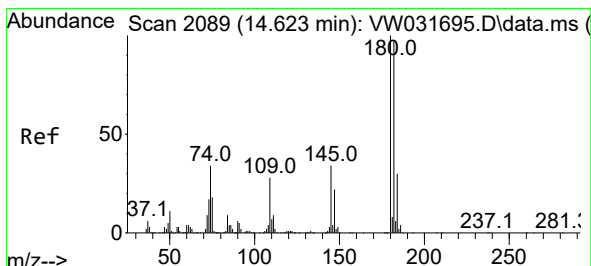
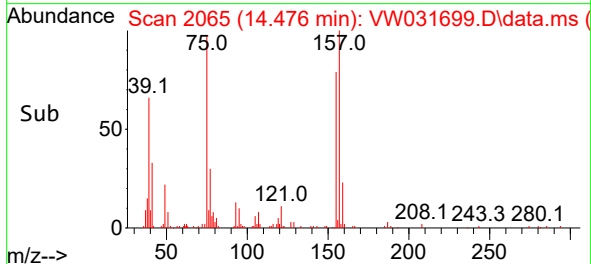
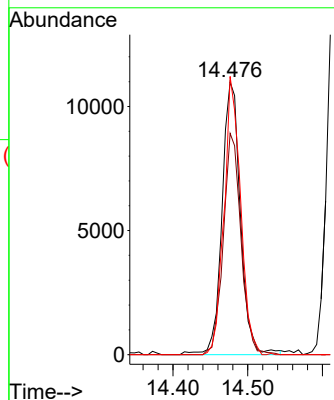
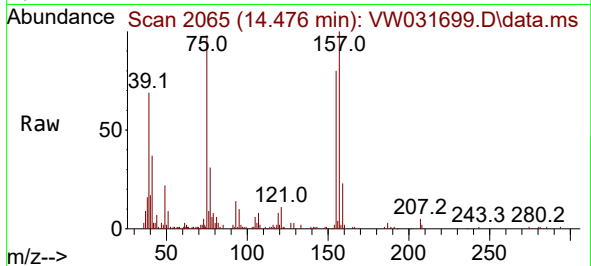




#68
1,2-Dibromo-3-chloropropane
Concen: 21.40 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.001 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

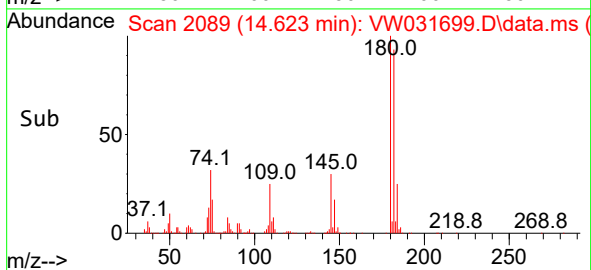
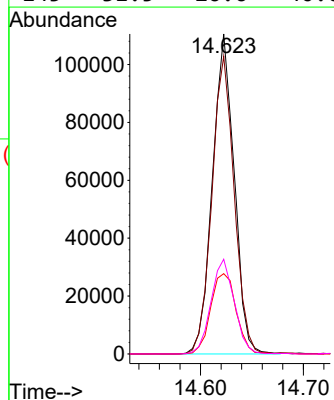
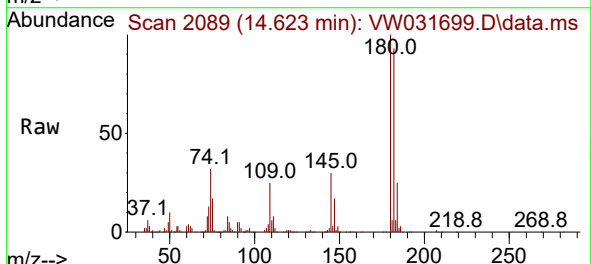
Instrument :
MSVOA_W
ClientSampleId :
VICV469

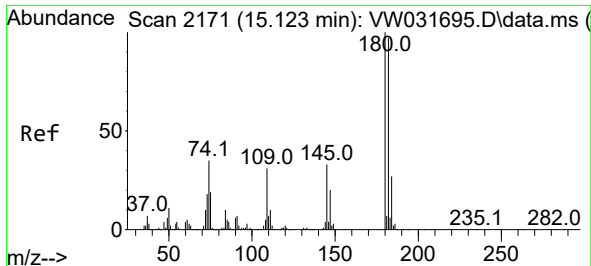
Tgt Ion: 75 Resp: 18819
Ion Ratio Lower Upper
75 100
155 81.2 51.6 77.4#
157 102.0 74.6 111.8



#69
1,3,5-Trichlorobenzene
Concen: 26.26 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion:180 Resp: 162599
Ion Ratio Lower Upper
180 100
182 95.2 75.5 113.3
184 29.4 23.7 35.5
145 31.5 26.6 40.0

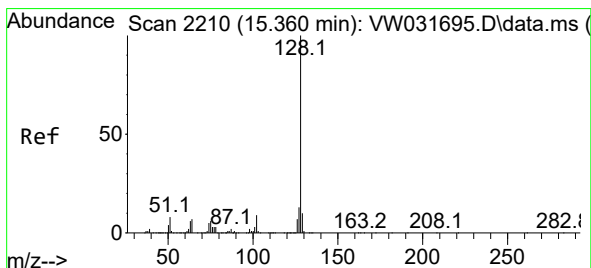
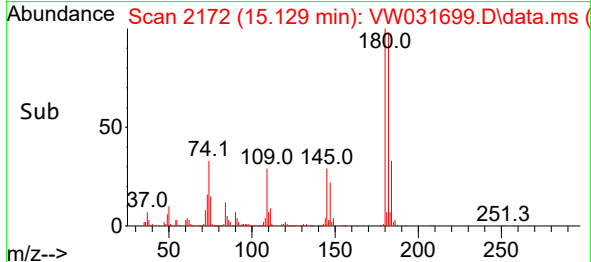
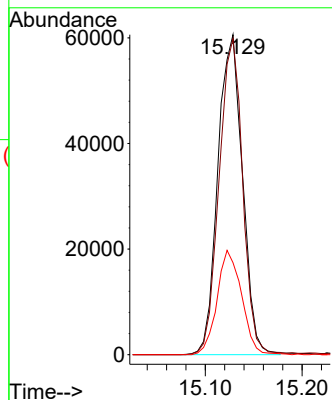
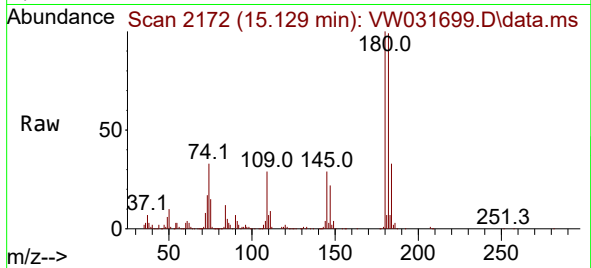




#70
1,2,4-trichlorobenzene
Concen: 25.46 ug/L
RT: 15.129 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

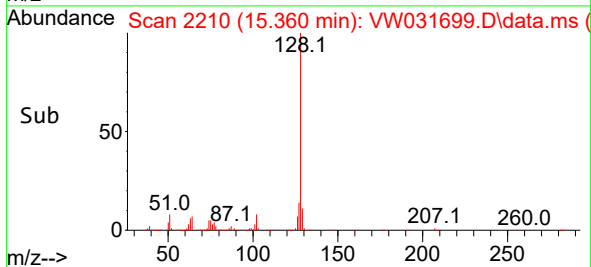
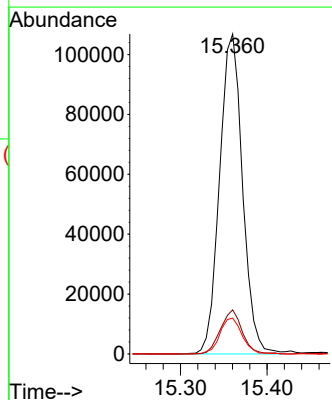
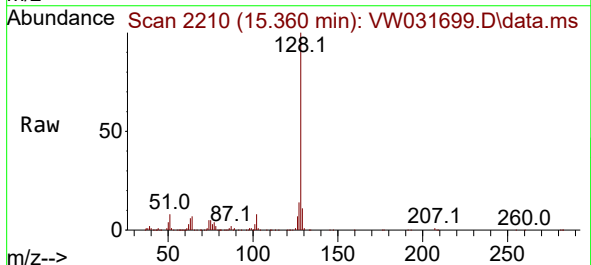
Instrument :
MSVOA_W
ClientSampleId :
VICV469

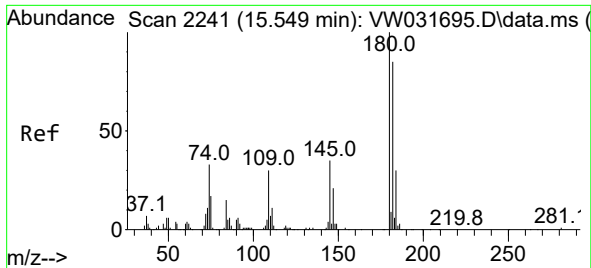
Tgt Ion:180 Resp: 106856
Ion Ratio Lower Upper
180 100
182 94.2 75.7 113.5
145 32.5 26.7 40.1



#71
Naphthalene
Concen: 24.15 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031699.D
Acq: 08 May 2025 13:44

Tgt Ion:128 Resp: 196505
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.8 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 25.61 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031699.D
 Acq: 08 May 2025 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV469

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.3	115.9
145	33.4	28.6	43.0

