

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042624\
 Data File : VW035437.D
 Acq On : 26 Apr 2024 19:15
 Operator : SY/MD
 Sample : P2204-05MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1CX4MS

Quant Time: Apr 27 00:37:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:18:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	526960	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	519663	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	277239	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	184623	43.595	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.200%
7) Chloroethane-d5	1.529	69	144109	59.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.780%
11) 1,1-Dichloroethene-d2	2.053	65	76431	44.158	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.320%
21) 2-Butanone-d5	3.796	46	220980	101.812	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.810%
24) Chloroform-d	4.246	84	335839	47.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.260%
26) 1,2-Dichloroethane-d4	4.937	65	197712	47.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
32) Benzene-d6	4.957	84	652689	47.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.580%
36) 1,2-Dichloropropane-d6	5.986	67	202302	48.013	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.020%
41) Toluene-d8	7.239	98	600252	48.766	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.540%
43) trans-1,3-Dichloroprop...	7.551	79	96288	48.851	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.700%
47) 2-Hexanone-d5	8.027	63	138710	114.196	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.200%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	300275	50.001	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	236002	48.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	173602	44.810	ug/L	100
3) Chloromethane	1.214	50	186279	47.383	ug/L	98
5) Vinyl chloride	1.282	62	195706	47.190	ug/L	100
6) Bromomethane	1.487	94	117575	48.407	ug/L	98
8) Chloroethane	1.545	64	120254	65.684	ug/L	100
9) Trichlorofluoromethane	1.706	101	265141	47.334	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	161090	45.903	ug/L	100
12) 1,1-Dichloroethene	2.066	96	149989	48.175	ug/L	94
13) Acetone	2.127	43	199315	77.279	ug/L	98
14) Carbon disulfide	2.236	76	403289	46.633	ug/L	100
15) Methyl Acetate	2.375	43	200438	51.244	ug/L	98
16) Methylene chloride	2.442	84	194334	49.352	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	162593	48.575	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	583735	51.778	ug/L	100
19) 1,1-Dichloroethane	3.108	63	344863	49.772	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	191944	50.973	ug/L	100
22) 2-Butanone	3.876	43	275799	96.660	ug/L	99
23) Bromochloromethane	4.143	128	105791	50.485	ug/L	99
25) Chloroform	4.272	83	354532	49.501	ug/L	99

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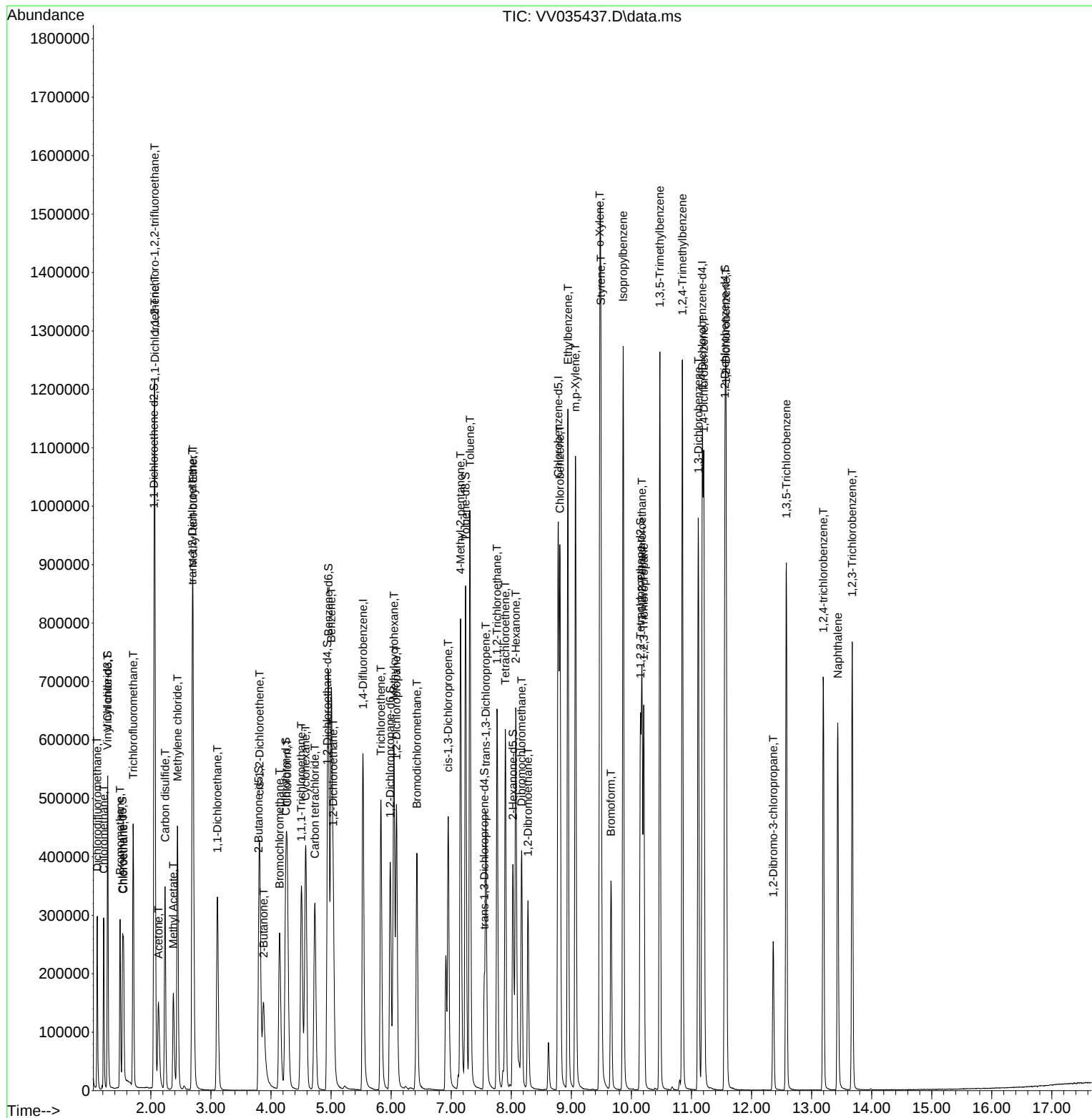
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	269093	51.163	ug/L	100
29) Cyclohexane	4.577	56	231863	48.517	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	295049	49.907	ug/L	99
31) Carbon tetrachloride	4.732	117	251054	48.605	ug/L	99
33) Benzene	5.005	78	717159	51.574	ug/L	100
34) Trichloroethene	5.831	95	182171	48.304	ug/L	98
35) Methylcyclohexane	6.047	83	258109	47.302	ug/L	99
37) 1,2-Dichloropropane	6.088	63	200877	51.744	ug/L	100
38) Bromodichloromethane	6.429	83	265123	50.576	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	305141	53.107	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	507106	109.385	ug/L	96
42) Toluene	7.313	91	759240	52.104	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	289265	52.444	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	206493	50.936	ug/L	99
46) Tetrachloroethene	7.902	164	141588	47.857	ug/L	99
48) 2-Hexanone	8.075	43	429887	109.078	ug/L	97
49) Dibromochloromethane	8.172	129	211179	50.957	ug/L	98
50) 1,2-Dibromoethane	8.278	107	214526	52.015	ug/L	100
51) Chlorobenzene	8.812	112	507849	49.425	ug/L	99
52) Ethylbenzene	8.944	91	813240	51.075	ug/L	100
53) m,p-Xylene	9.069	106	309720	51.397	ug/L	99
54) o-Xylene	9.474	106	305749	51.889	ug/L	98
55) Styrene	9.493	104	547446	53.872	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	350133	53.132	ug/L	98
59) Bromoform	9.661	173	164863	50.089	ug/L	99
60) Isopropylbenzene	9.863	105	807713	50.783	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	268453	51.732	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	658053	51.357	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	667657	53.220	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	406586	49.346	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	416452	48.187	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	423879	50.775	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	64022	54.533	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	286876	49.140	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	227033	48.988	ug/L	99
71) Naphthalene	13.435	128	503178	49.768	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	235744	52.204	ug/L	100

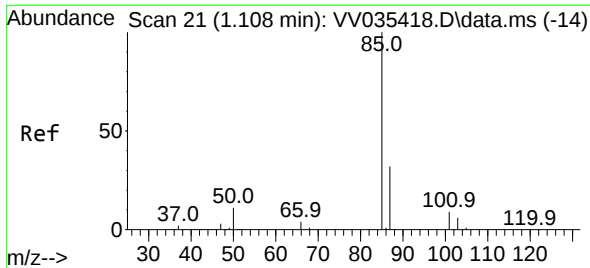
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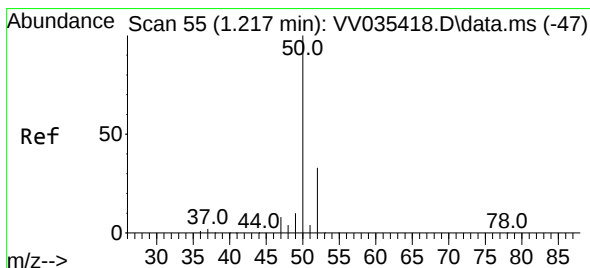
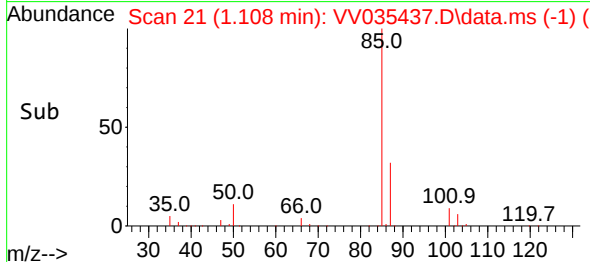
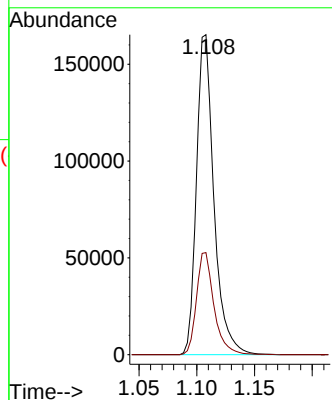
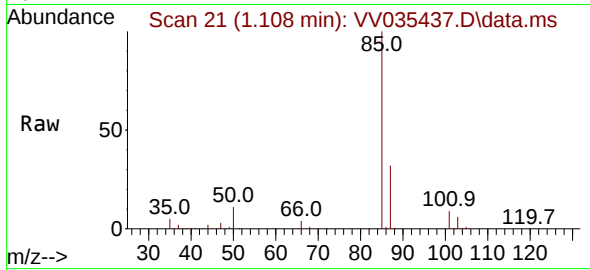




#2
 Dichlorodifluoromethane
 Concen: 44.810 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV035437.D
 Acq: 26 Apr 2024 19:15

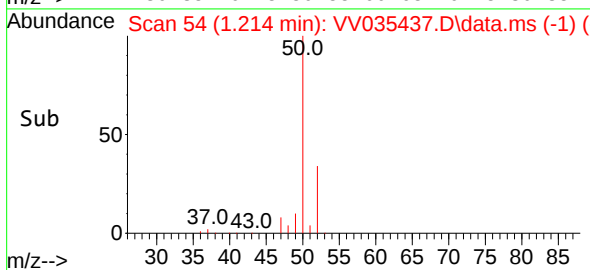
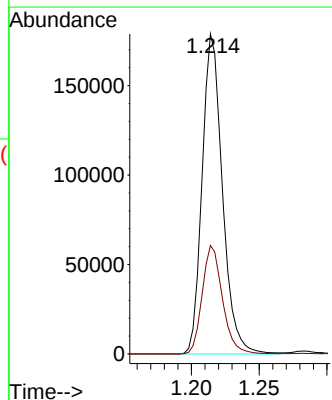
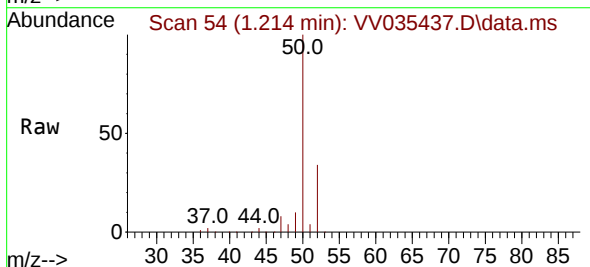
Instrument :
 MSVOA_V
 ClientSampleId :
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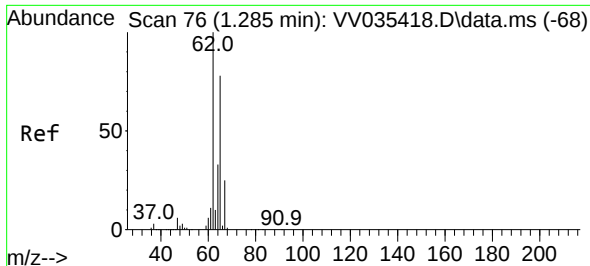
Tgt Ion: 85 Resp: 173602
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.4 38.2



#3
 Chloromethane
 Concen: 47.383 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV035437.D
 Acq: 26 Apr 2024 19:15

Tgt Ion: 50 Resp: 186279
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.0 42.8

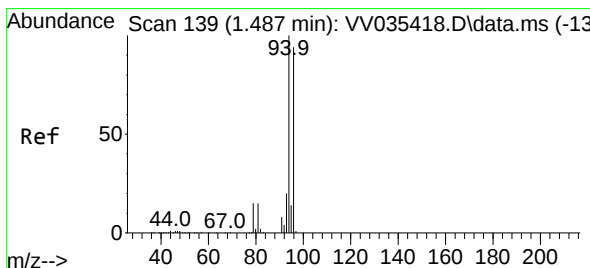
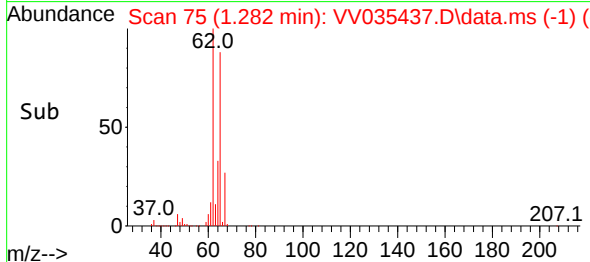
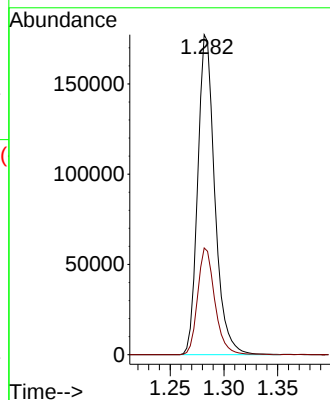
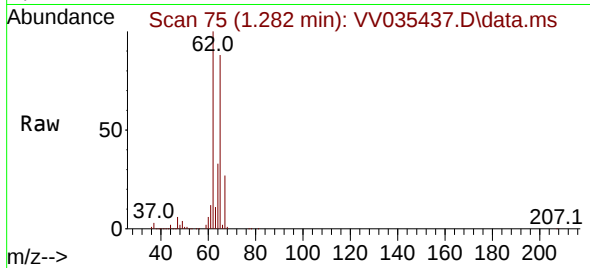




#5
 Vinyl chloride
 Concen: 47.190 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV035437.D
 Acq: 26 Apr 2024 19:15

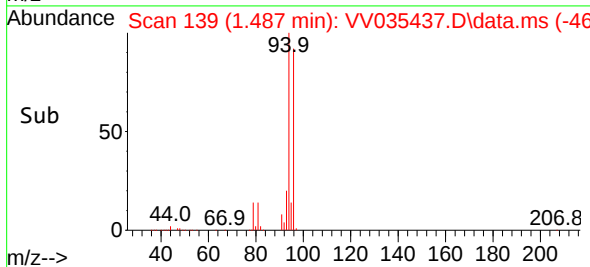
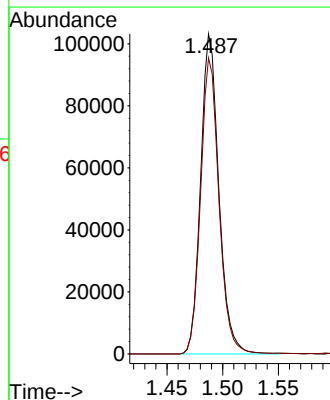
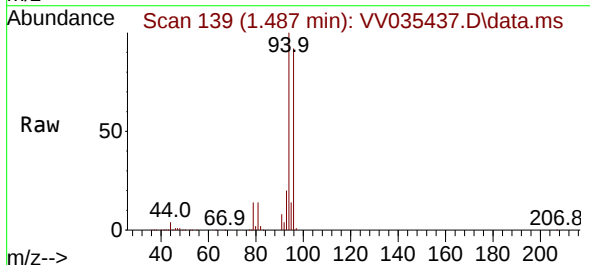
Instrument :
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 ClientSampleId :
 E1CX4MS

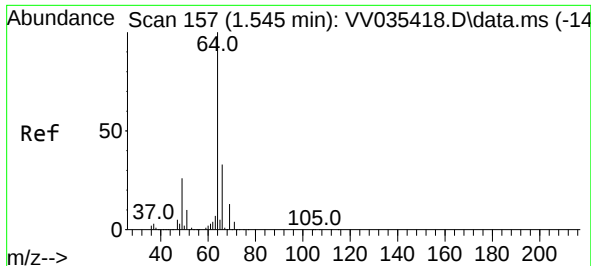
Tgt Ion: 62 Resp: 195706
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.2



#6
 Bromomethane
 Concen: 48.407 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV035437.D
 Acq: 26 Apr 2024 19:15

Tgt Ion: 94 Resp: 117575
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.1 122.7

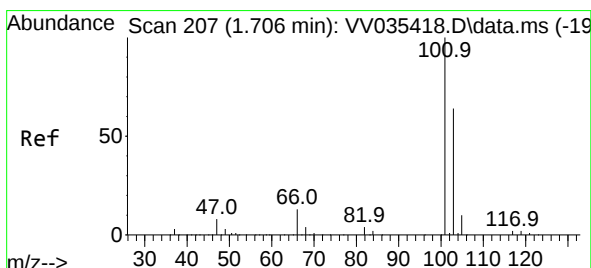
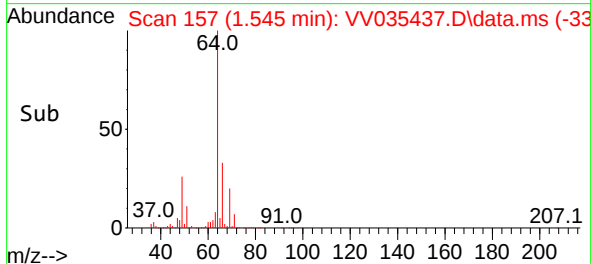
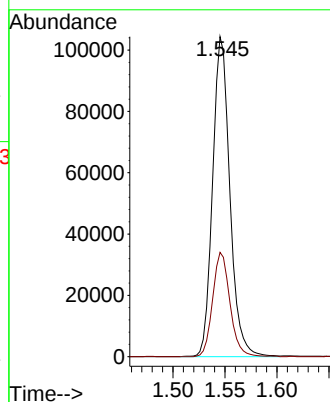
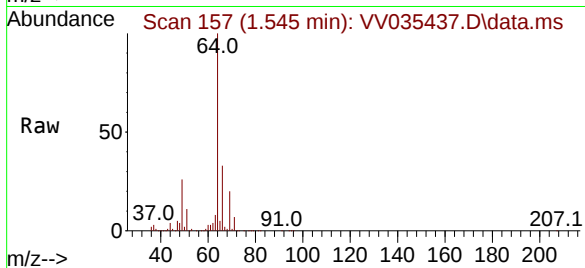




#8
Chloroethane
Concen: 65.684 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

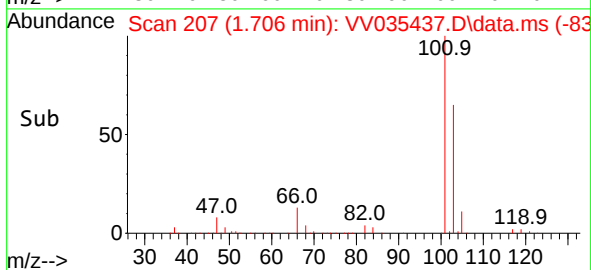
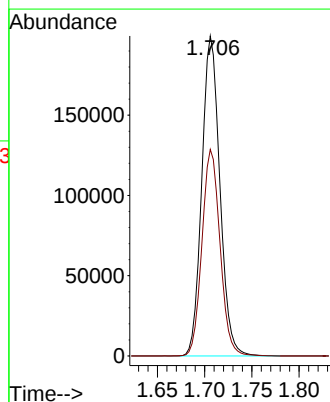
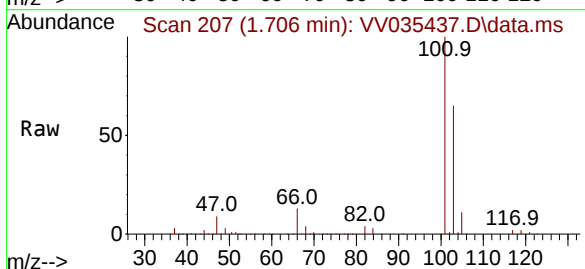
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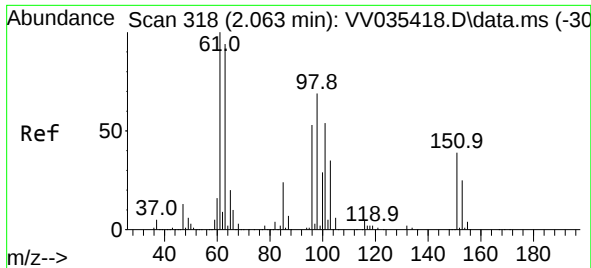
Tgt Ion: 64 Resp: 120254
Ion Ratio Lower Upper
64 100
66 32.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 47.334 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Tgt Ion:101 Resp: 265141
Ion Ratio Lower Upper
101 100
103 64.5 51.2 76.8

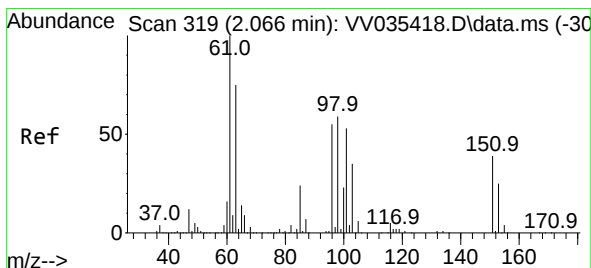
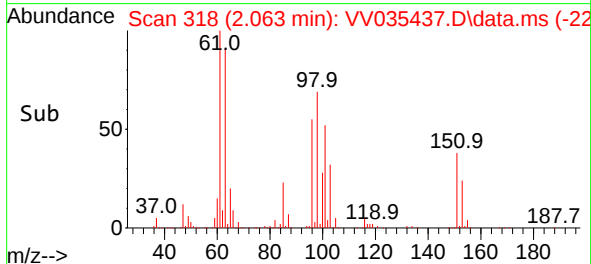
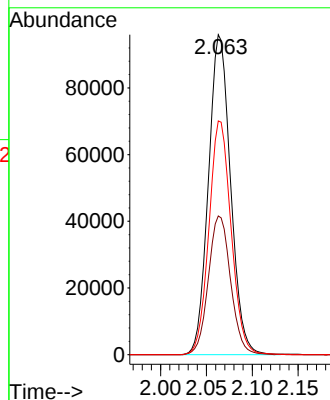
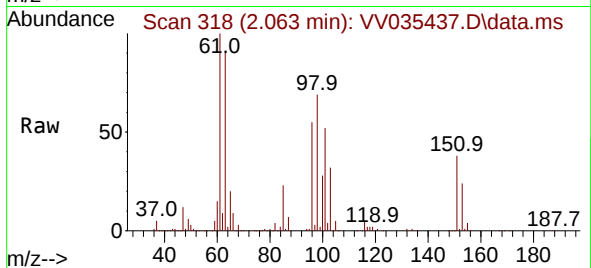




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.903 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035437.D
 Acq: 26 Apr 2024 19:15

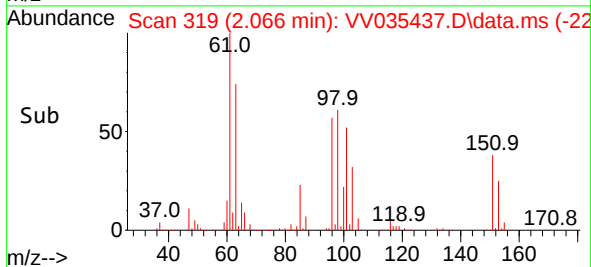
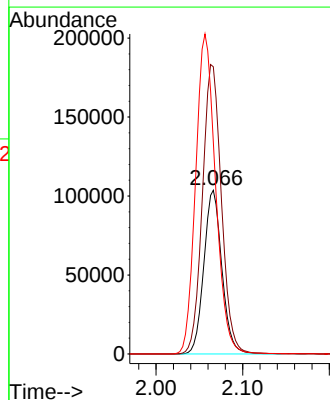
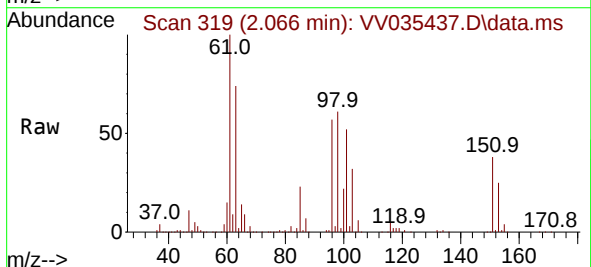
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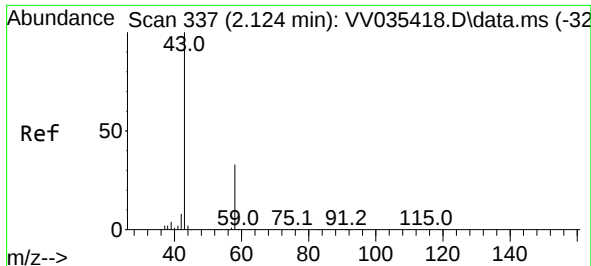
Tgt Ion:101 Resp: 161090
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.0 52.6
 151 73.4 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 48.175 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV035437.D
 Acq: 26 Apr 2024 19:15

Tgt Ion: 96 Resp: 149989
 Ion Ratio Lower Upper
 96 100
 61 175.5 128.2 238.0
 63 129.6 96.9 179.9





#13

Acetone

Concen: 77.279 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

Instrument :

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ClientSampleId :

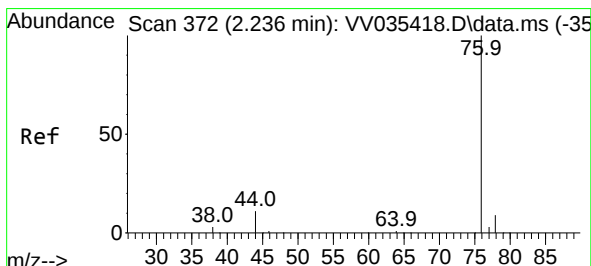
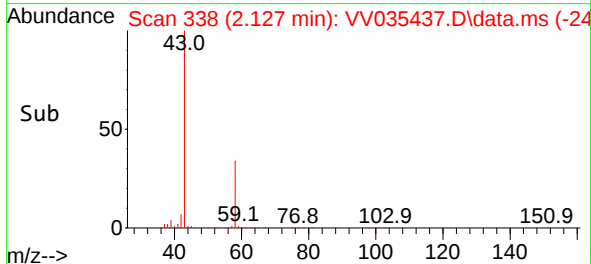
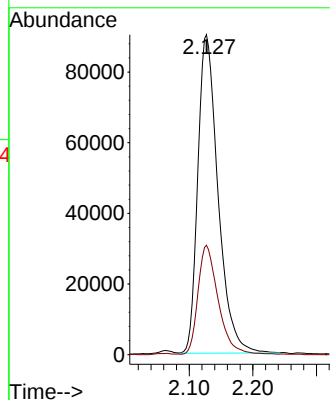
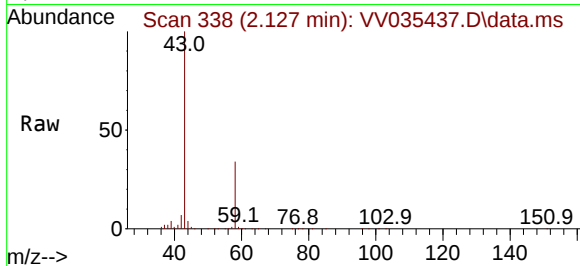
E1CX4MS

Tgt Ion: 43 Resp: 199315

Ion Ratio Lower Upper

43 100

58 33.8 0.0 65.8



#14

Carbon disulfide

Concen: 46.633 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035437.D

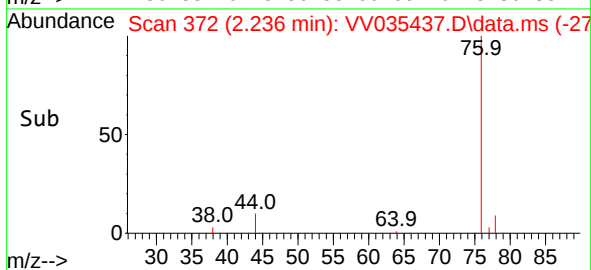
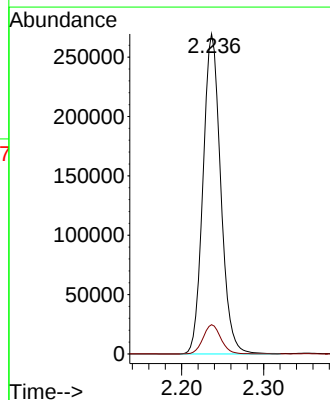
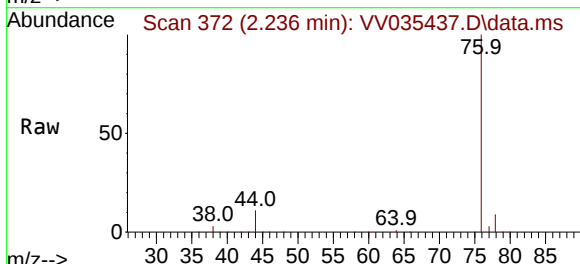
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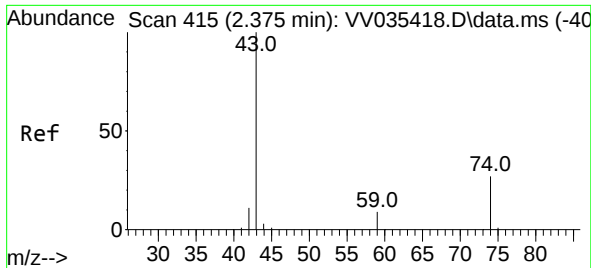
Tgt Ion: 76 Resp: 403289

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

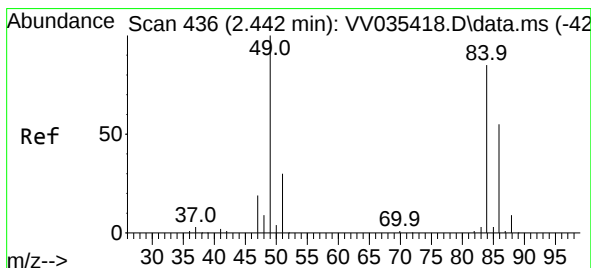
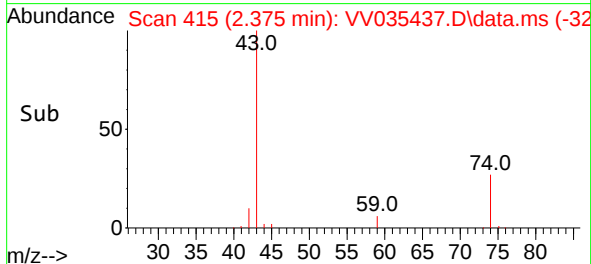
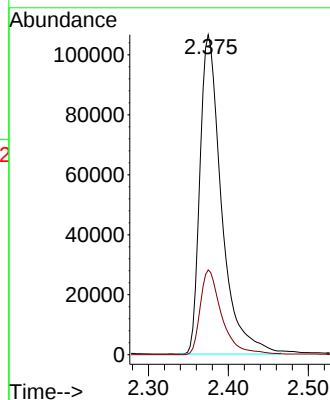
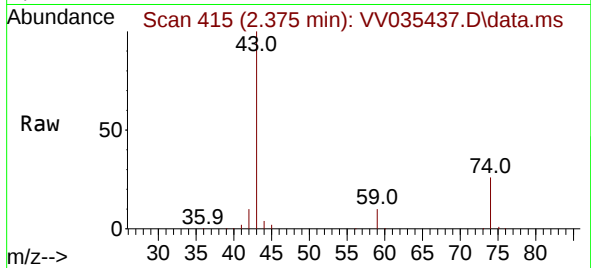




#15
Methyl Acetate
Concen: 51.244 ug/L
RT: 2.375 min Scan# 415
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

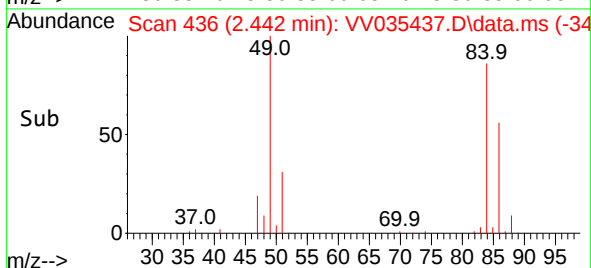
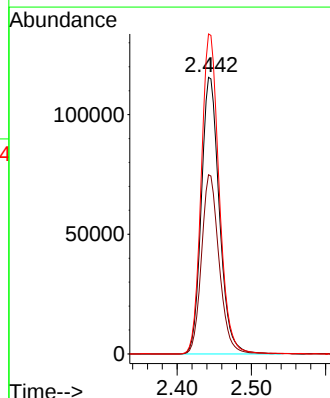
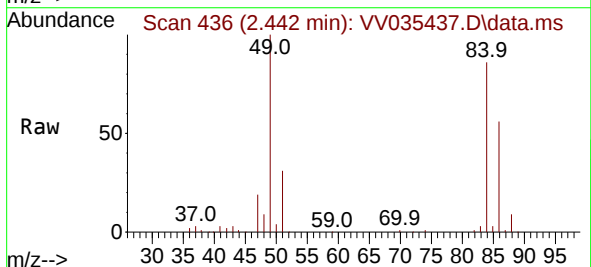
Instrument :
MSVOA_V
ClientSampleId :
E1CX4MS

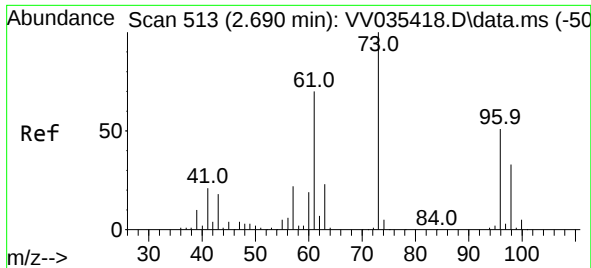
Tgt Ion: 43 Resp: 200438
Ion Ratio Lower Upper
43 100
74 26.6 20.6 30.8



#16
Methylene chloride
Concen: 49.352 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Tgt Ion: 84 Resp: 194334
Ion Ratio Lower Upper
84 100
86 64.8 45.1 83.9
49 115.7 82.3 152.8

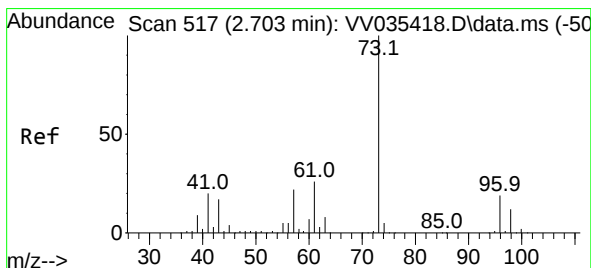
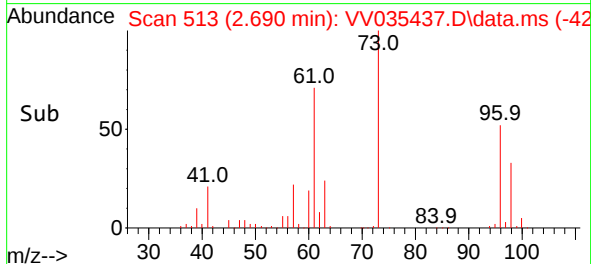
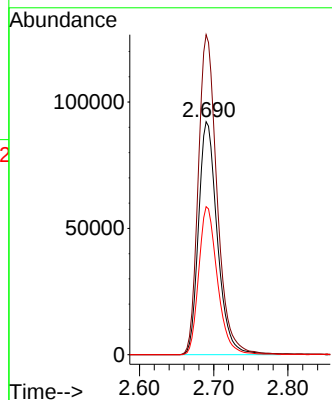
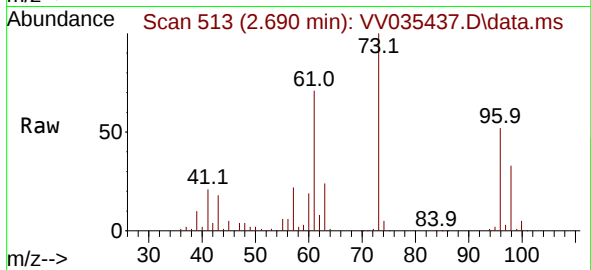




#17
trans-1,2-Dichloroethene
Concen: 48.575 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

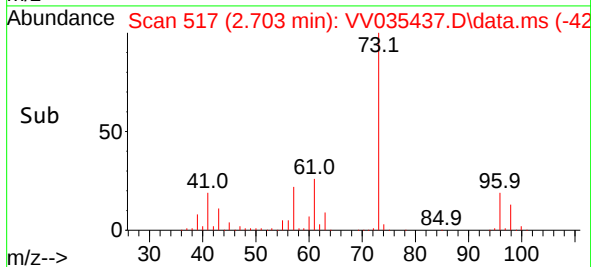
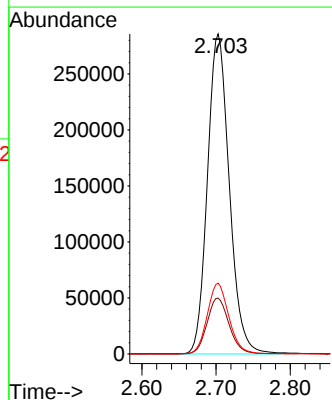
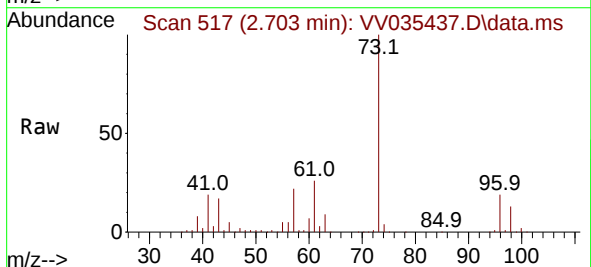
Instrument :
MSVOA_V
ClientSampleId :
E1CX4MS

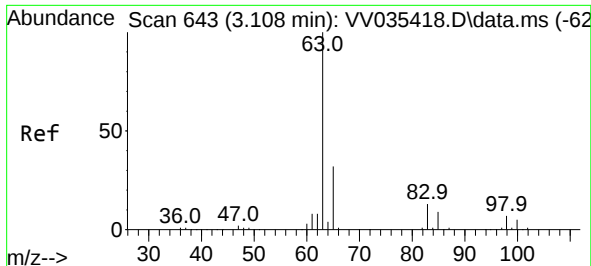
Tgt Ion: 96 Resp: 162593
Ion Ratio Lower Upper
96 100
61 137.4 96.4 179.0
98 63.6 45.2 84.0



#18
Methyl tert-butyl Ether
Concen: 51.778 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Tgt Ion: 73 Resp: 583735
Ion Ratio Lower Upper
73 100
43 17.4 13.9 20.9
57 21.8 17.4 26.0





#19

1,1-Dichloroethane

Concen: 49.772 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.000 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

Instrument :

MSVOA_V

ClientSampleId :

E1CX4MS

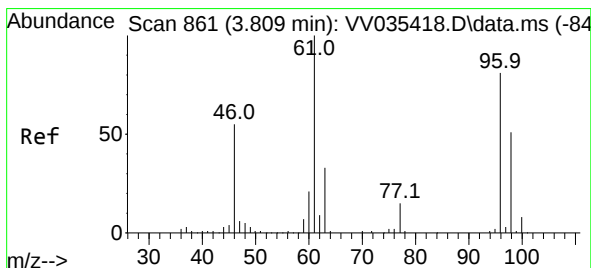
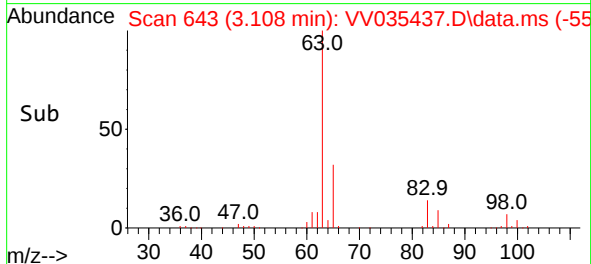
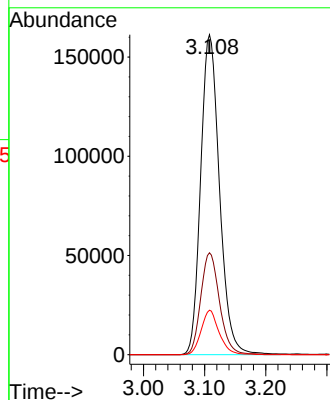
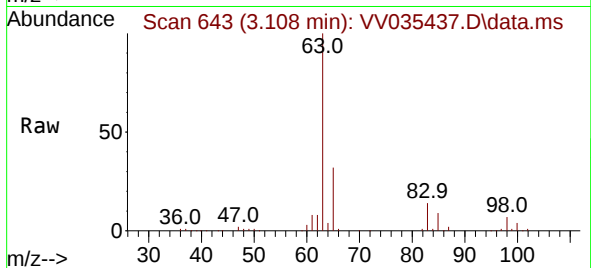
Tgt Ion: 63 Resp: 344863

Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

83 13.9 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 50.973 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

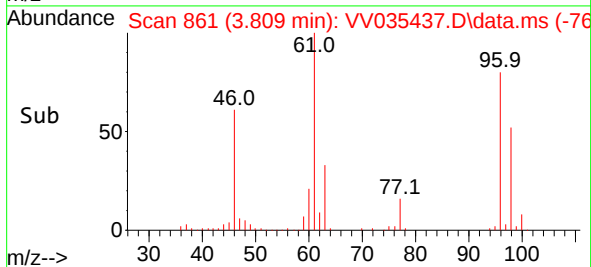
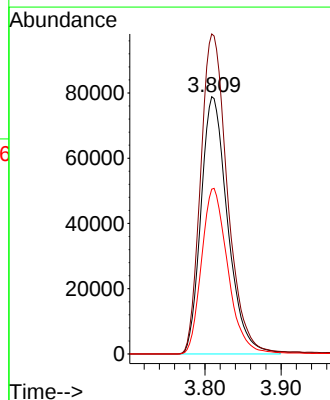
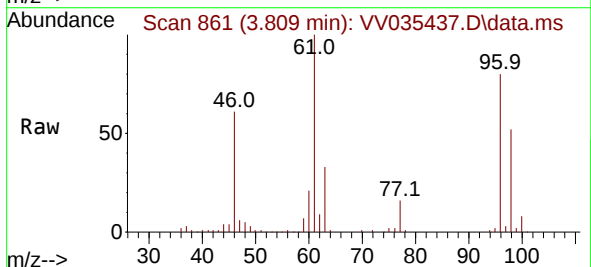
Tgt Ion: 96 Resp: 191944

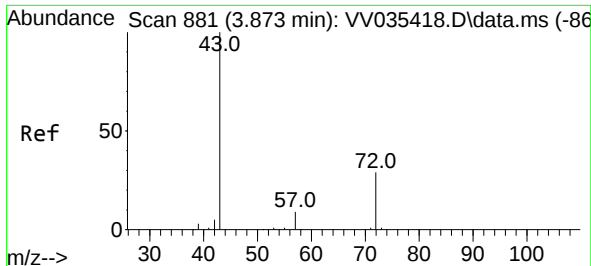
Ion Ratio Lower Upper

96 100

61 124.4 86.9 161.5

98 64.1 44.6 82.8

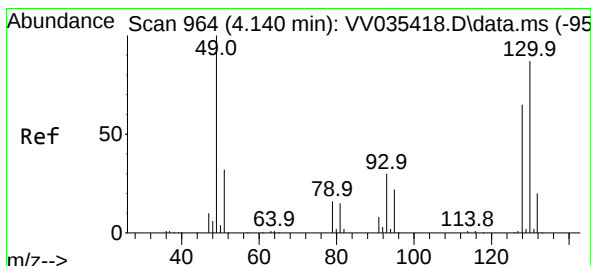
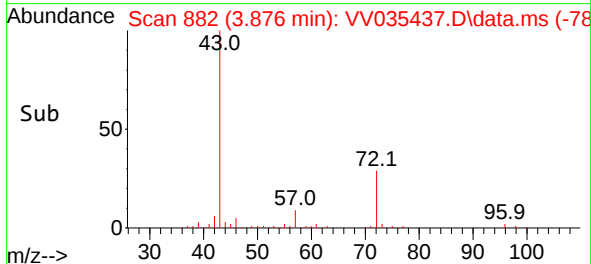
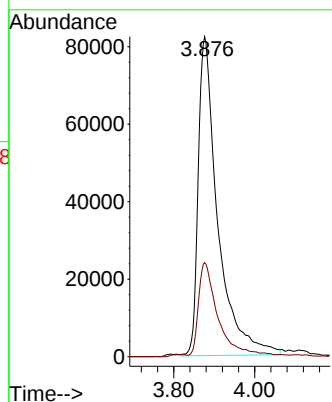
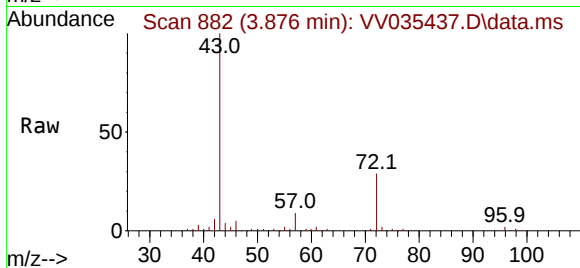




#22
2-Butanone
Concen: 96.660 ug/L
RT: 3.876 min Scan# 881
Delta R.T. 0.003 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

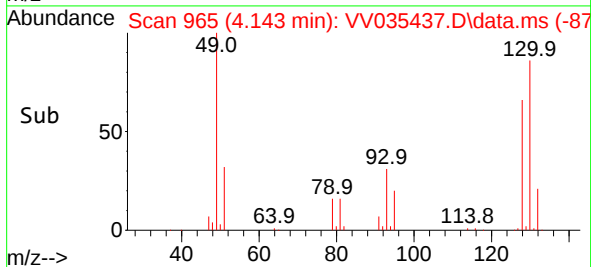
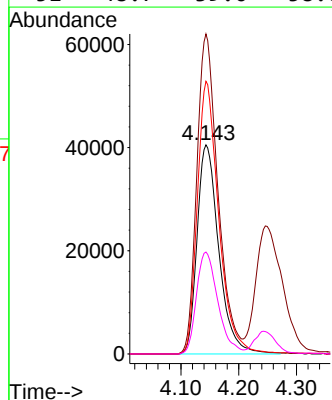
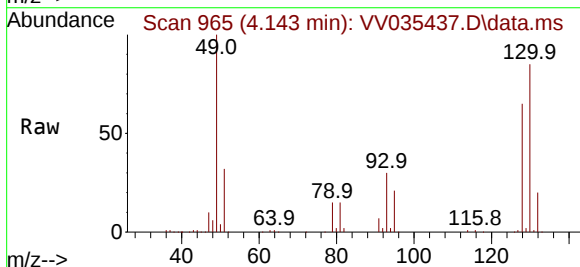
Instrument :
MSVOA_V
ClientSampleId :
E1CX4MS

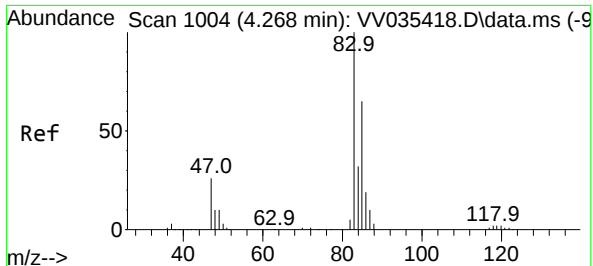
Tgt Ion: 43 Resp: 275799
Ion Ratio Lower Upper
43 100
72 26.8 13.8 41.4



#23
Bromochloromethane
Concen: 50.485 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.003 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Tgt Ion:128 Resp: 105791
Ion Ratio Lower Upper
128 100
49 153.1 107.7 200.1
130 130.4 93.4 173.4
51 48.7 39.0 58.6

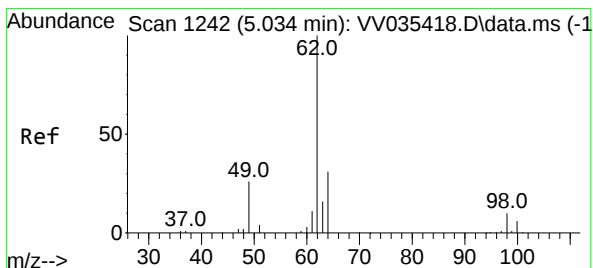
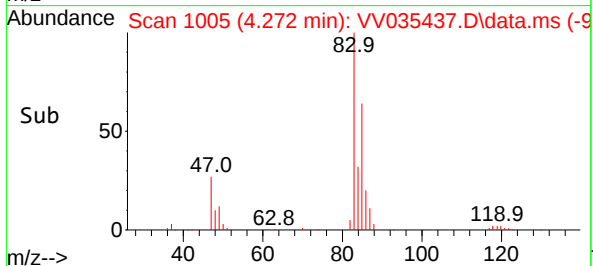
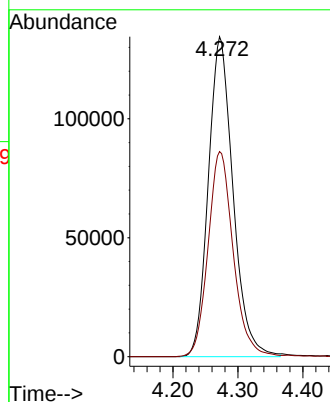
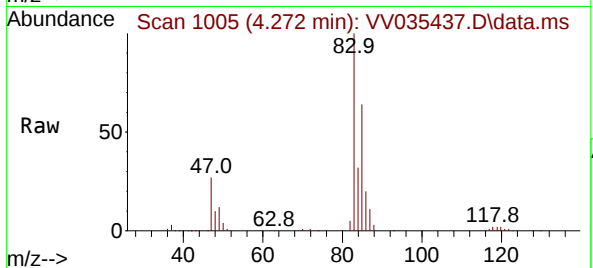




#25
Chloroform
Concen: 49.501 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

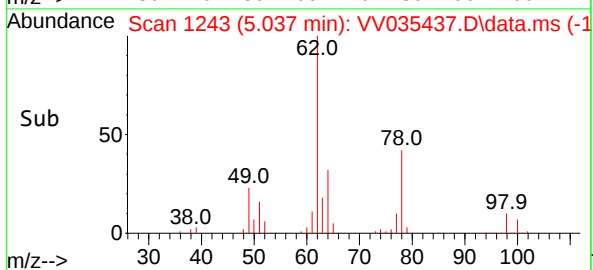
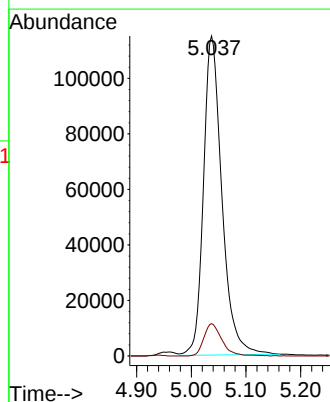
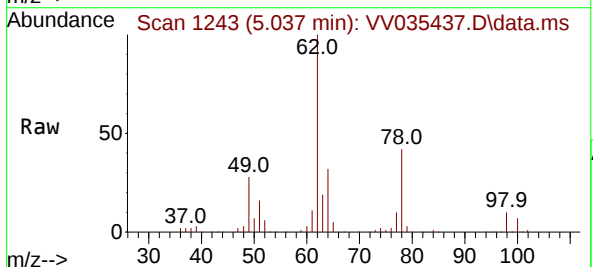
Instrument :
MSVOA_V
ClientSampleId :
E1CX4MS

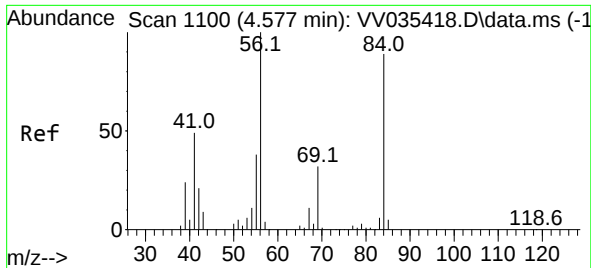
Tgt Ion: 83 Resp: 354532
Ion Ratio Lower Upper
83 100
85 64.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 51.163 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Tgt Ion: 62 Resp: 269093
Ion Ratio Lower Upper
62 100
98 10.1 8.0 12.0





#29

Cyclohexane

Concen: 48.517 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

Instrument :

MSVOA_V

ClientSampleId :

E1CX4MS

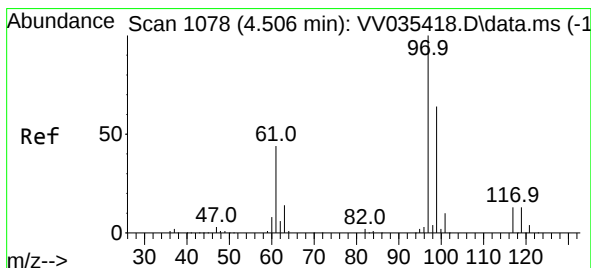
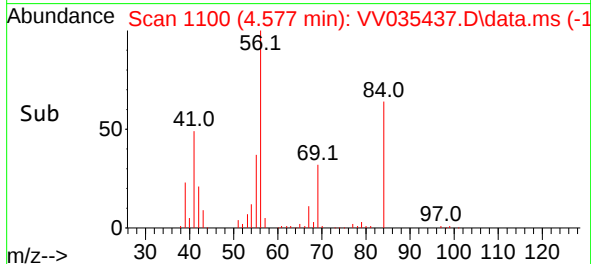
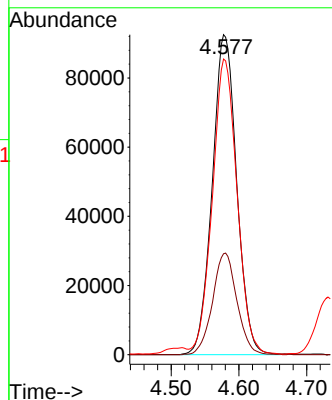
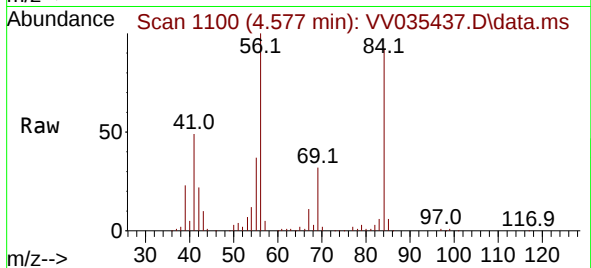
Tgt Ion: 56 Resp: 231863

Ion Ratio Lower Upper

56 100

69 31.4 25.4 38.2

84 93.0 73.5 110.3



#30

1,1,1-Trichloroethane

Concen: 49.907 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

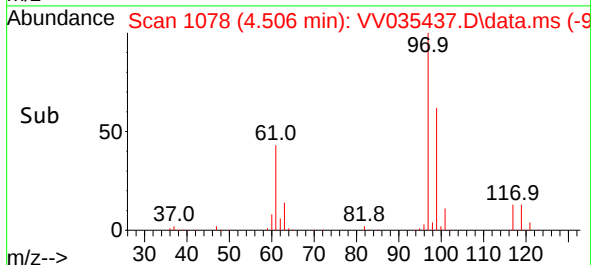
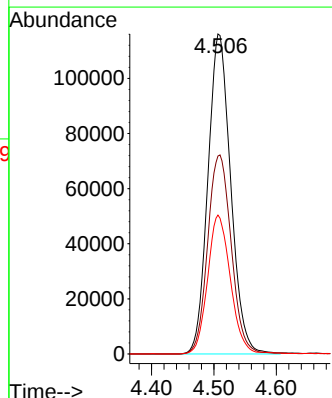
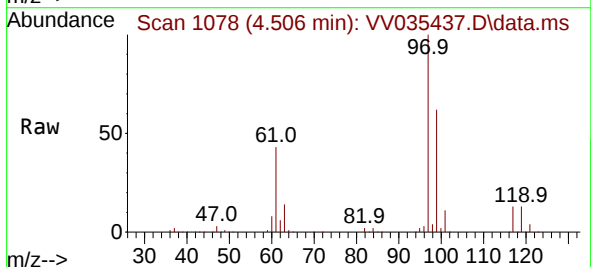
Tgt Ion: 97 Resp: 295049

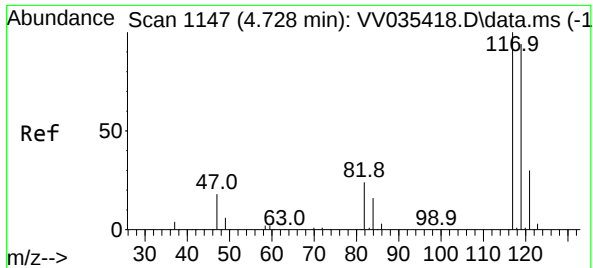
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 43.2 35.4 53.2

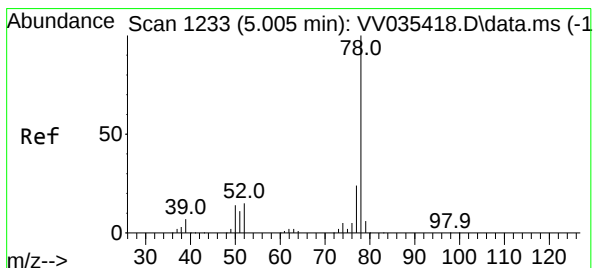
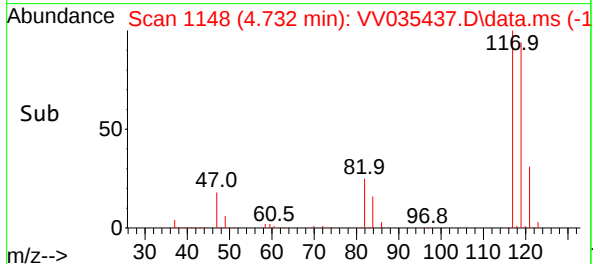
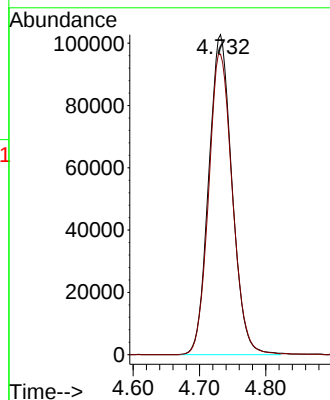
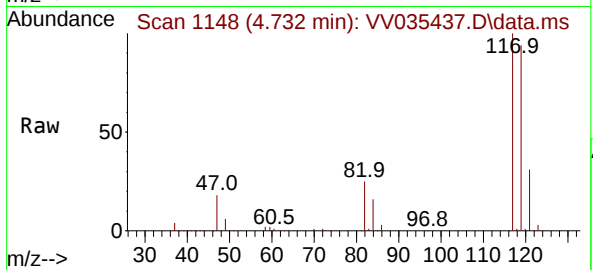




#31
Carbon tetrachloride
Concen: 48.605 ug/L
RT: 4.732 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

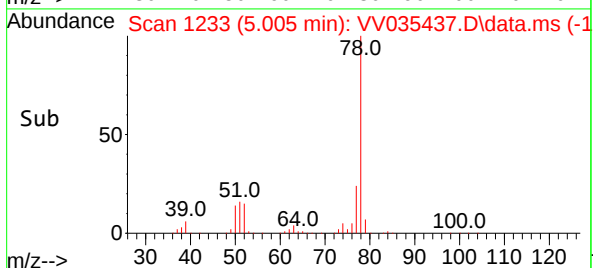
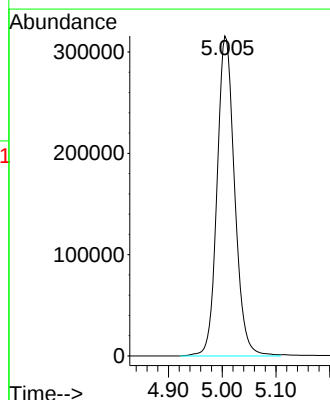
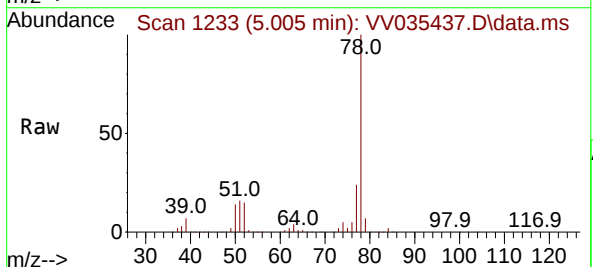
Instrument :
MSVOA_V
ClientSampleId :
E1CX4MS

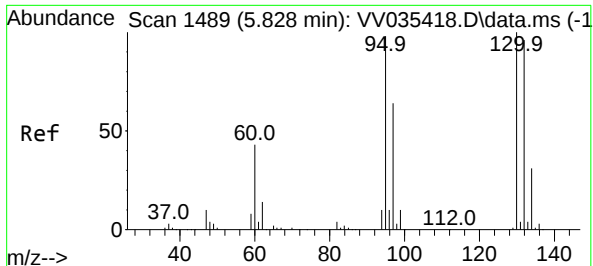
Tgt Ion:117 Resp: 251054
Ion Ratio Lower Upper
117 100
119 96.0 76.4 114.6



#33
Benzene
Concen: 51.574 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Tgt Ion: 78 Resp: 717159





#34

Trichloroethene

Concen: 48.304 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

Instrument :

MSVOA_V

ClientSampleId :

E1CX4MS

Tgt Ion: 95 Resp: 182171

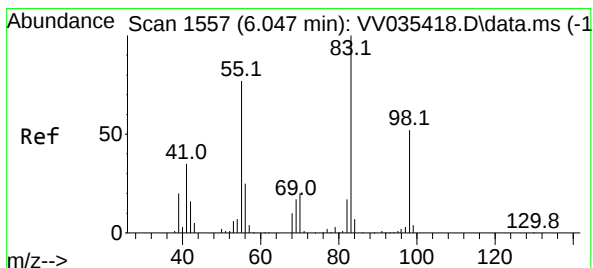
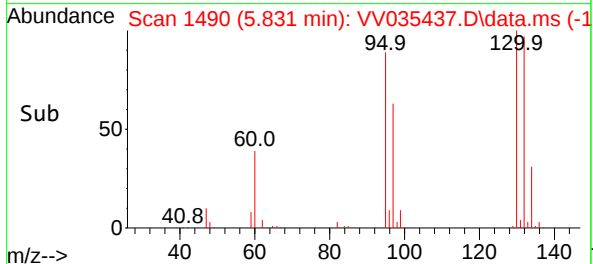
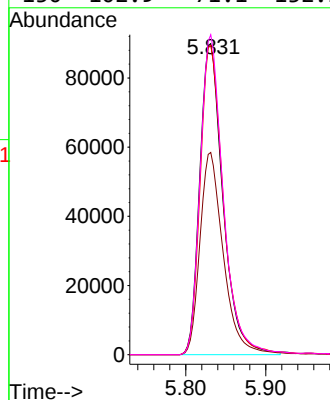
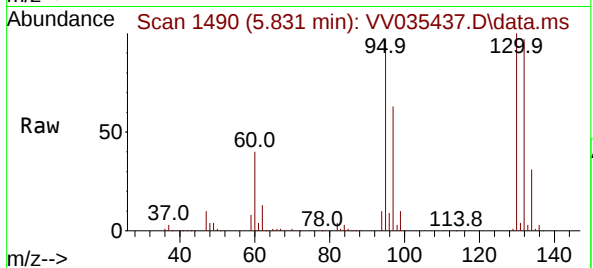
Ion Ratio Lower Upper

95 100

97 65.0 45.8 85.0

132 99.5 68.0 126.2

130 102.9 71.1 132.1



#35

Methylcyclohexane

Concen: 47.302 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

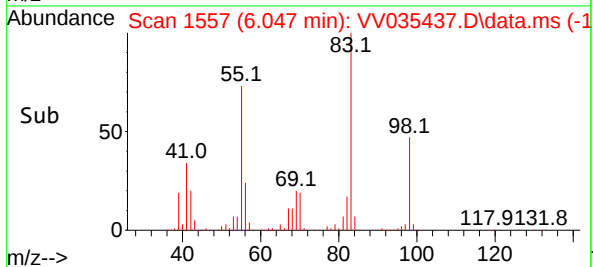
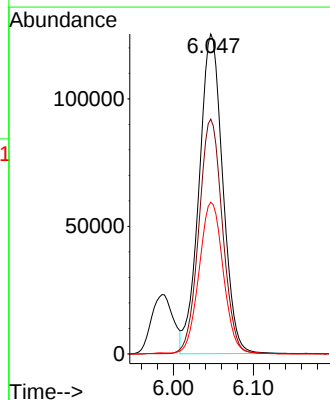
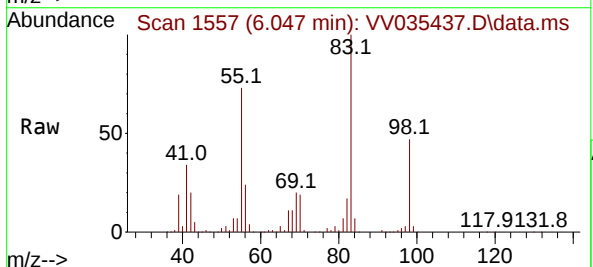
Tgt Ion: 83 Resp: 258109

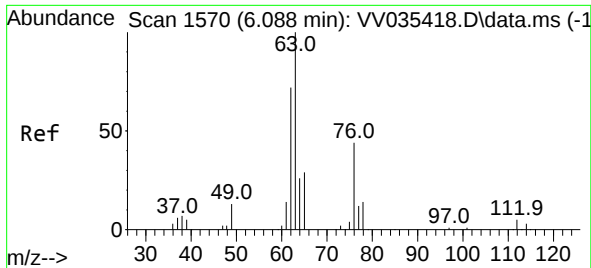
Ion Ratio Lower Upper

83 100

55 73.0 59.7 89.5

98 48.7 39.0 58.6





#37

1,2-Dichloropropane

Concen: 51.744 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

Instrument :

MSVOA_V

ClientSampleId :

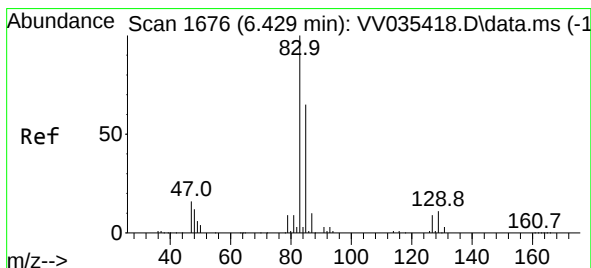
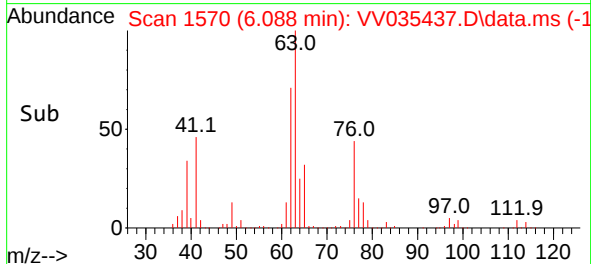
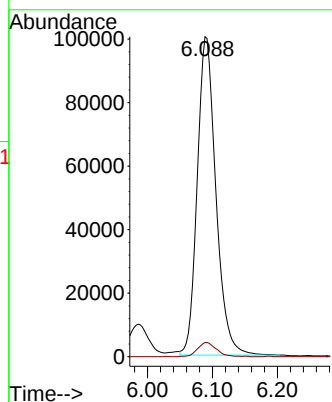
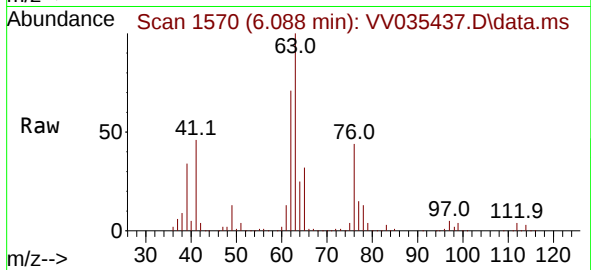
E1CX4MS

Tgt Ion: 63 Resp: 200877

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 50.576 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

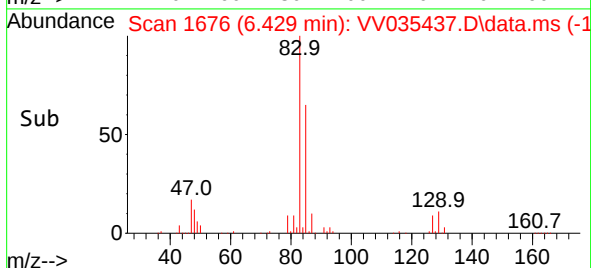
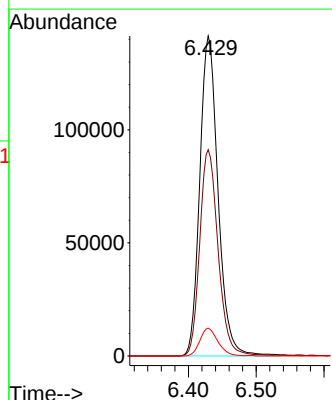
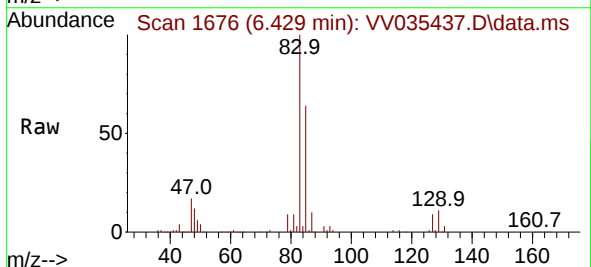
Tgt Ion: 83 Resp: 265123

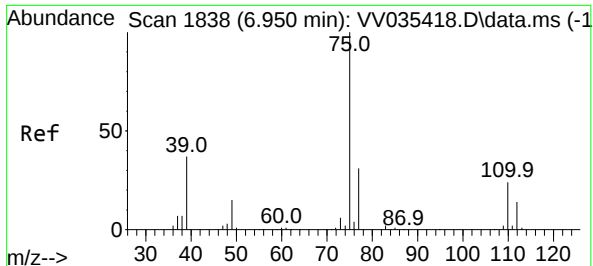
Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.9

127 8.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 53.107 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

Instrument :

MSVOA_V

ClientSampleId :

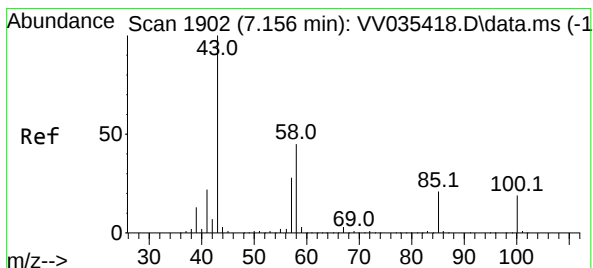
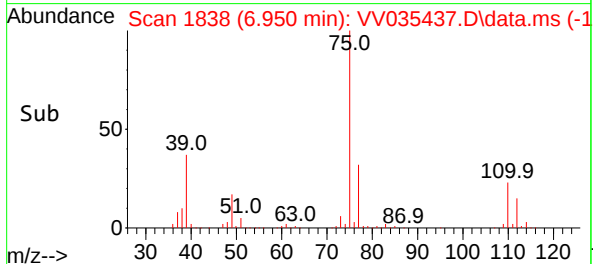
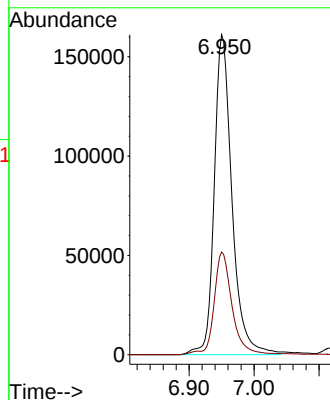
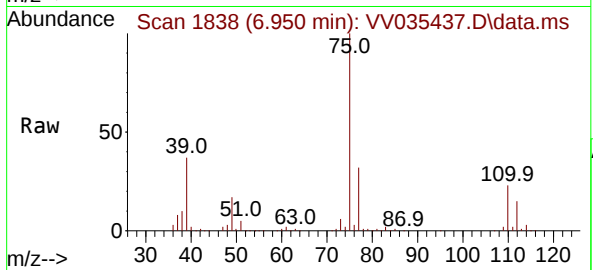
E1CX4MS

Tgt Ion: 75 Resp: 305141

Ion Ratio Lower Upper

75 100

77 32.1 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 109.385 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

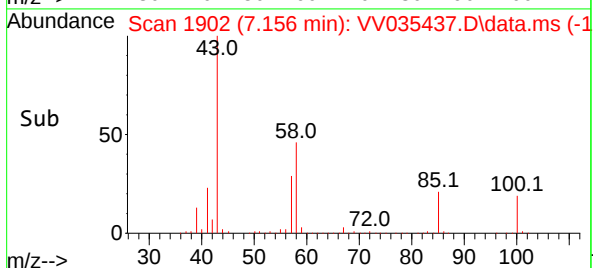
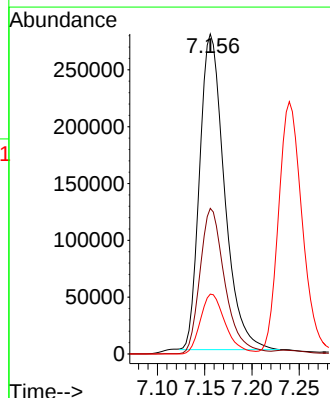
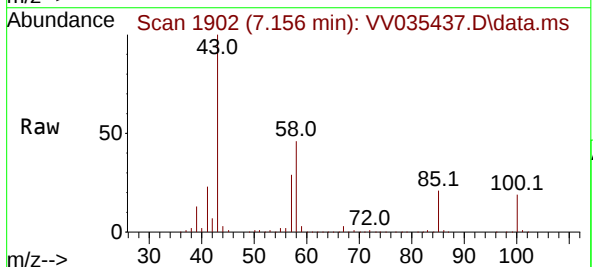
Tgt Ion: 43 Resp: 507106

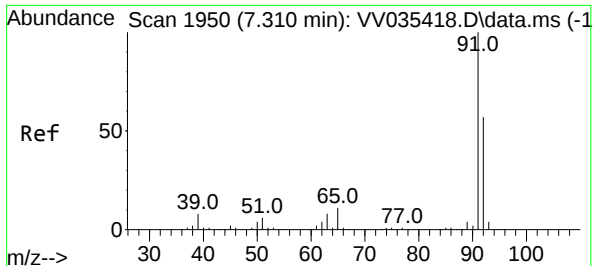
Ion Ratio Lower Upper

43 100

58 46.6 35.0 52.4

100 19.1 14.3 21.5





#42

Toluene

Concen: 52.104 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

Instrument :

MSVOA_V

ClientSampleId :

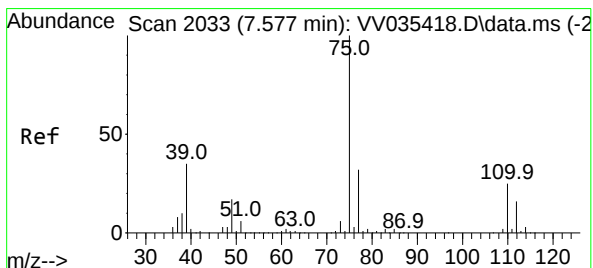
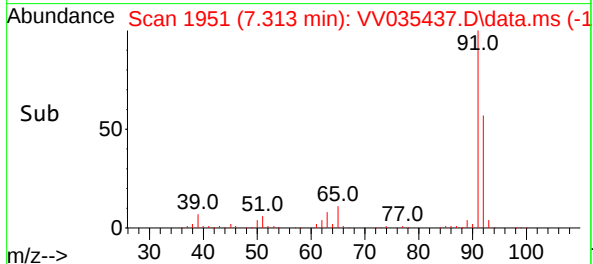
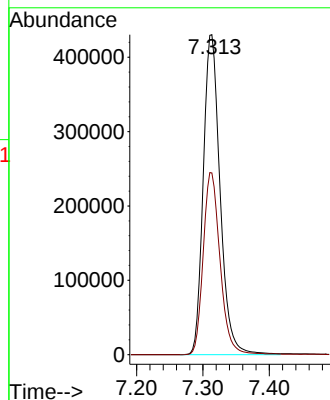
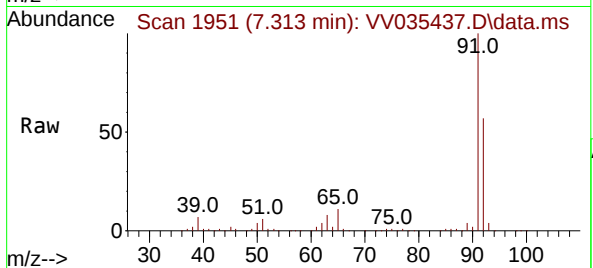
E1CX4MS

Tgt Ion: 91 Resp: 759240

Ion Ratio Lower Upper

91 100

92 56.8 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 52.444 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035437.D

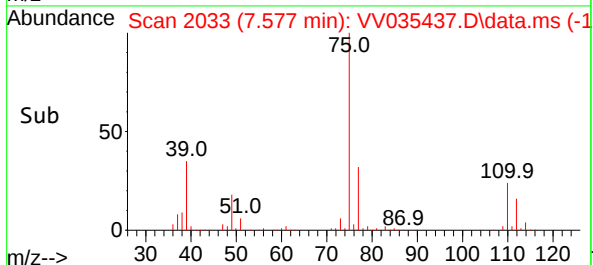
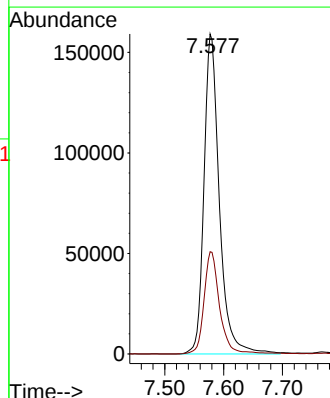
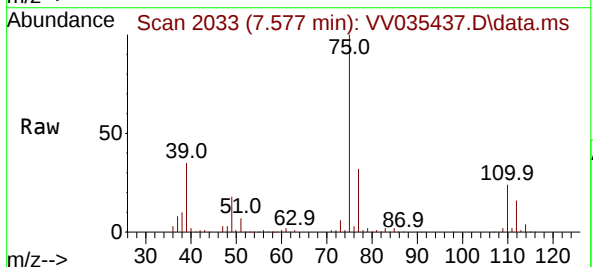
Acq: 26 Apr 2024 19:15

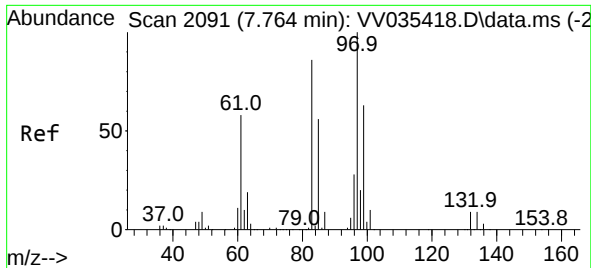
Tgt Ion: 75 Resp: 289265

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1



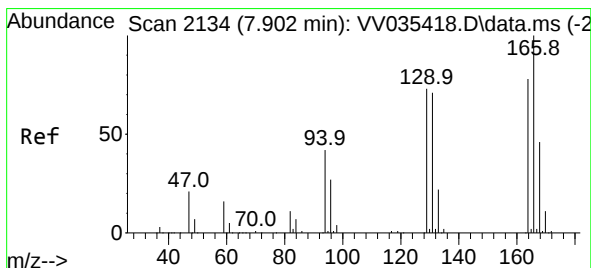
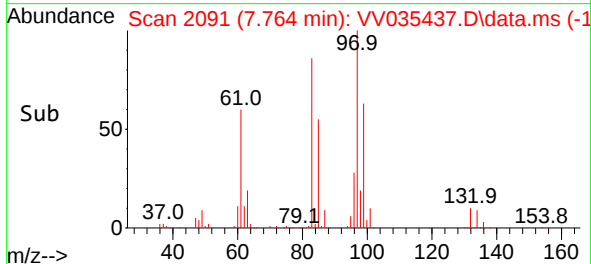
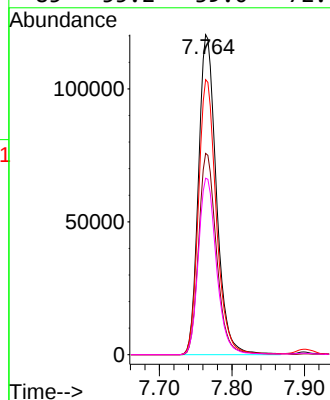
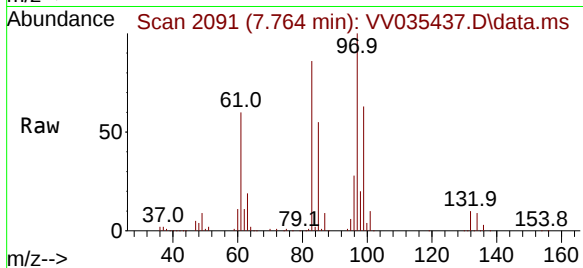


#45
1,1,2-Trichloroethane
Concen: 50.936 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Instrument :
MSVOA_V
ClientSampleId :
E1CX4MS

Tgt Ion: 97 Resp: 206493

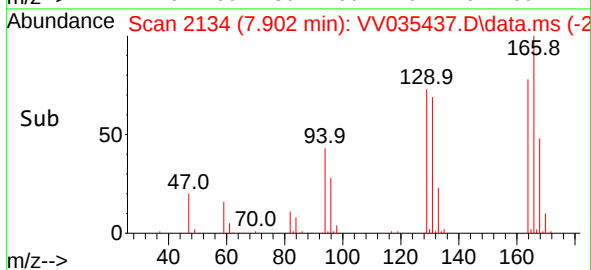
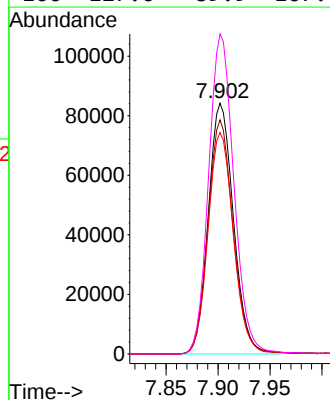
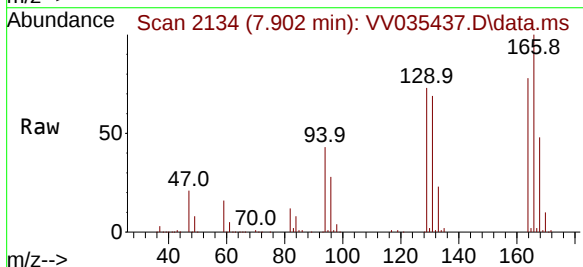
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.3	82.3
83	85.9	60.5	112.3
85	55.2	39.0	72.4

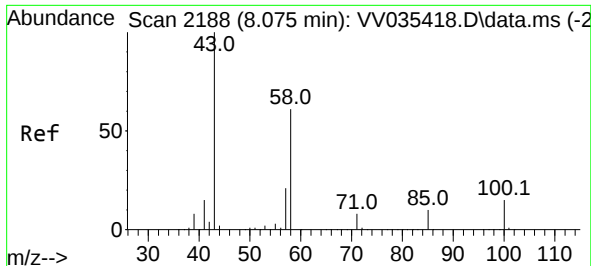


#46
Tetrachloroethene
Concen: 47.857 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Tgt Ion: 164 Resp: 141588

Ion	Ratio	Lower	Upper
164	100		
129	93.4	65.7	122.1
131	88.3	63.6	118.0
166	127.6	89.9	167.0



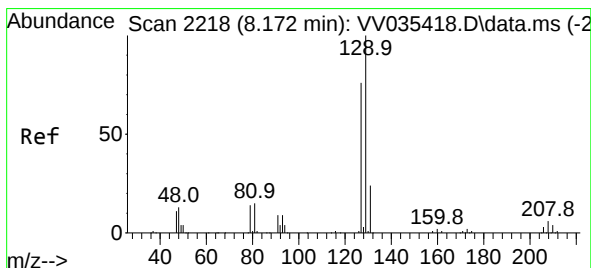
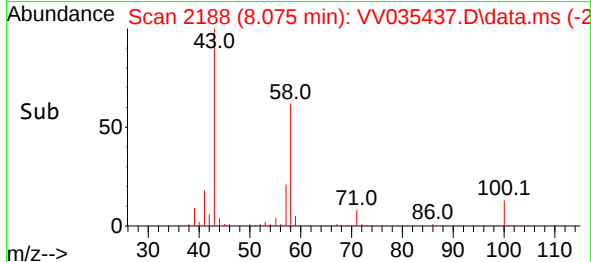
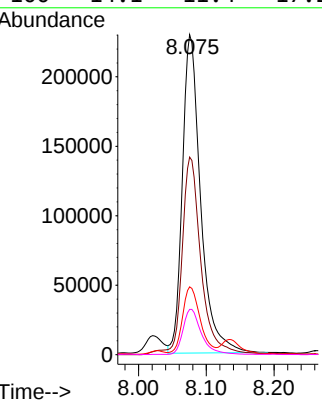
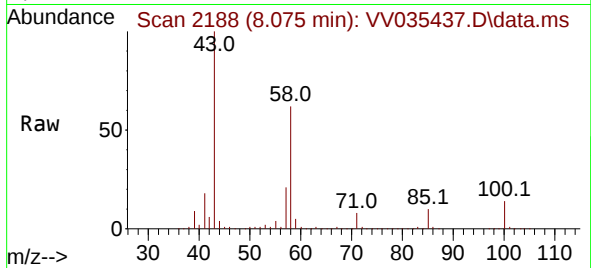


#48
2-Hexanone
Concen: 109.078 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Instrument :
MSVOA_V
ClientSampleId :
E1CX4MS

Tgt Ion: 43 Resp: 429887

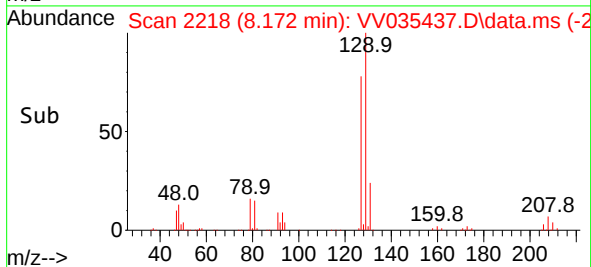
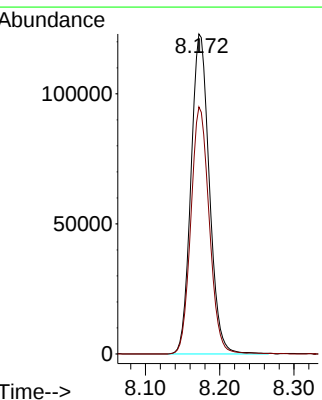
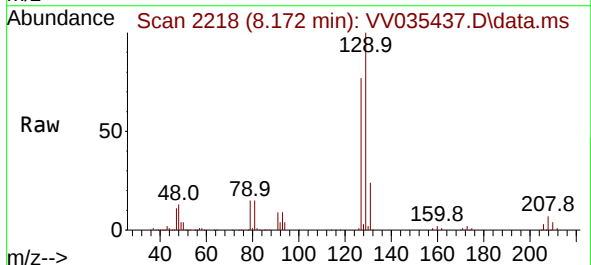
Ion	Ratio	Lower	Upper
43	100		
58	64.3	49.4	74.0
57	20.6	17.1	25.7
100	14.1	11.4	17.2

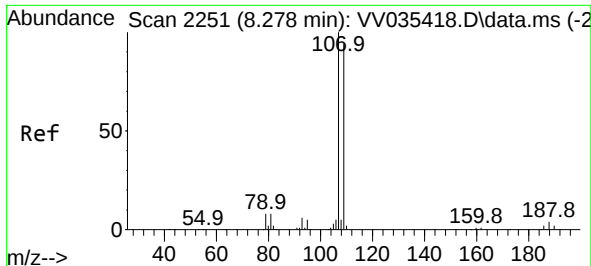


#49
Dibromochloromethane
Concen: 50.957 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Tgt Ion: 129 Resp: 211179

Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.1	98.5

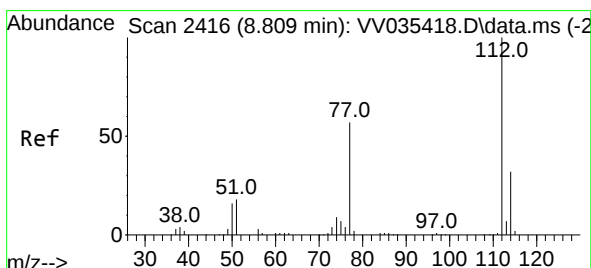
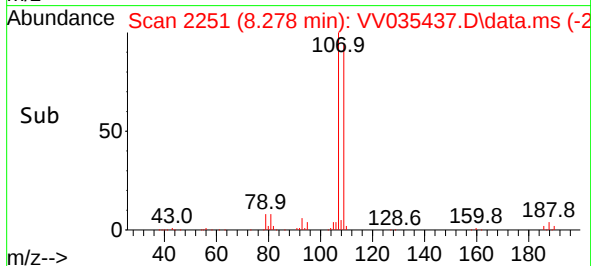
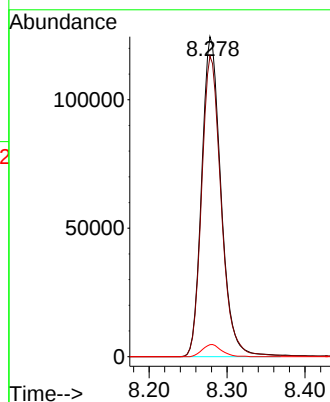
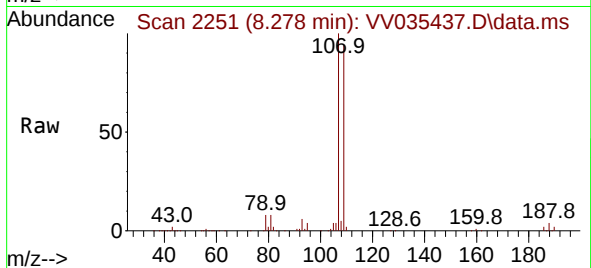




#50
1,2-Dibromoethane
Concen: 52.015 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

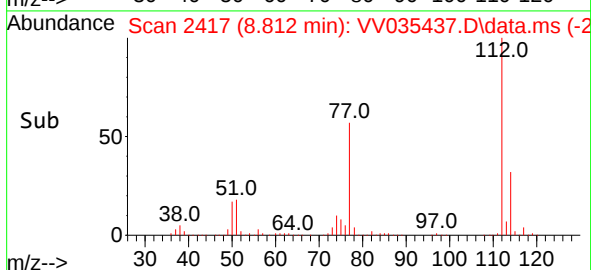
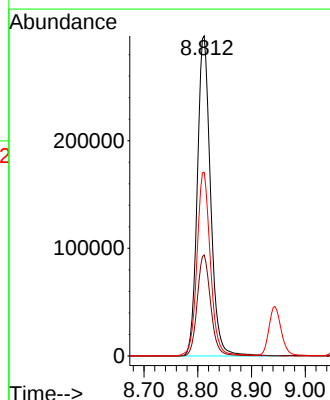
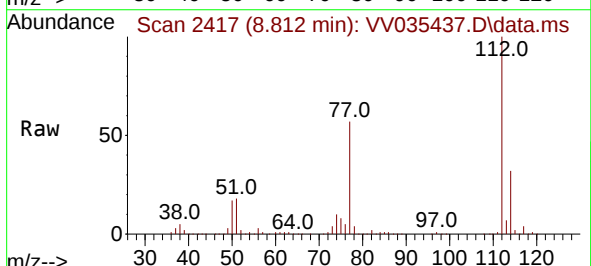
Instrument :
MSVOA_V
ClientSampleId :
E1CX4MS

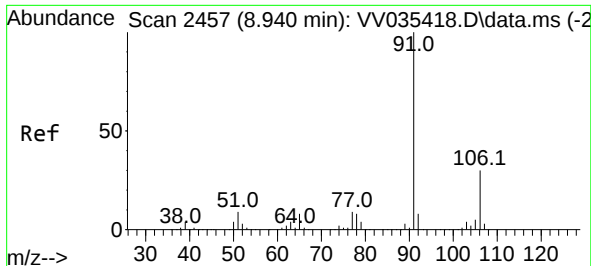
Tgt Ion:107 Resp: 214526
Ion Ratio Lower Upper
107 100
109 93.9 65.7 122.1
188 3.7 3.1 4.7



#51
Chlorobenzene
Concen: 49.425 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Tgt Ion:112 Resp: 507849
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 57.4 45.6 68.4

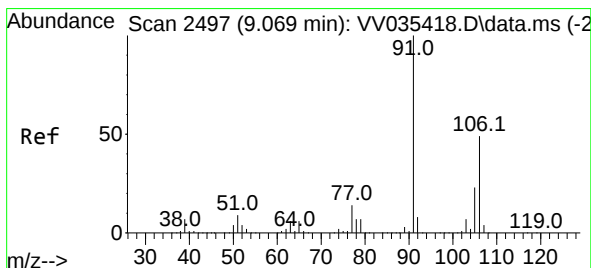
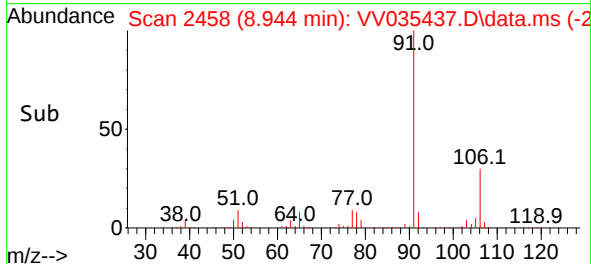
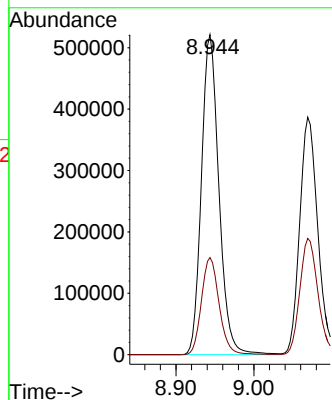
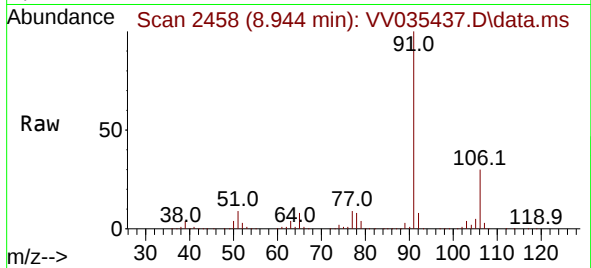




#52
Ethylbenzene
Concen: 51.075 ug/L
RT: 8.944 min Scan# 2457
Delta R.T. 0.003 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

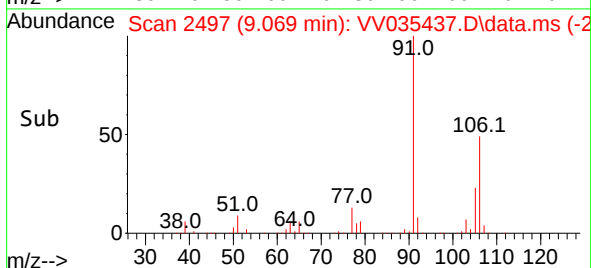
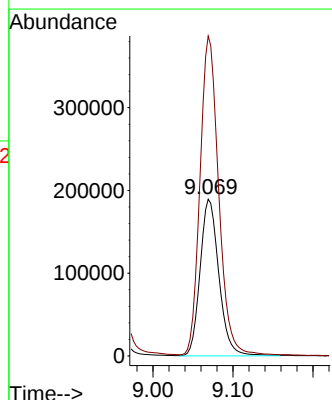
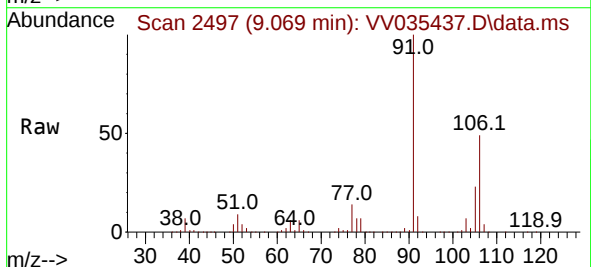
Instrument :
MSVOA_V
ClientSampleId :
E1CX4MS

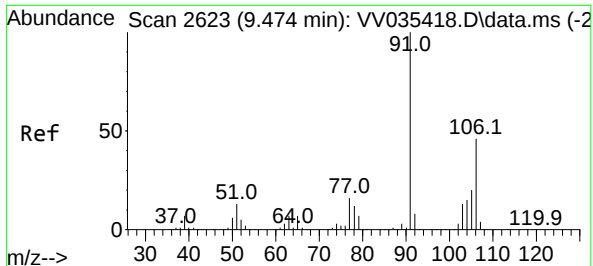
Tgt Ion: 91 Resp: 813240
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 51.397 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Tgt Ion: 106 Resp: 309720
Ion Ratio Lower Upper
106 100
91 204.1 142.2 264.0

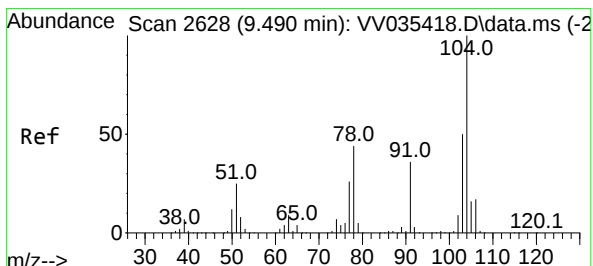
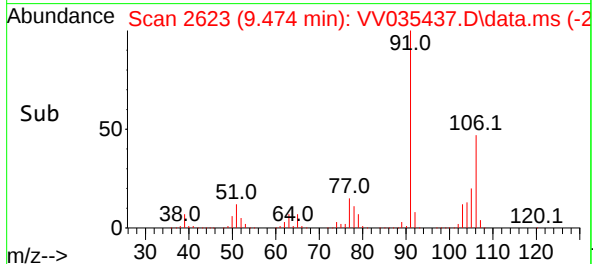
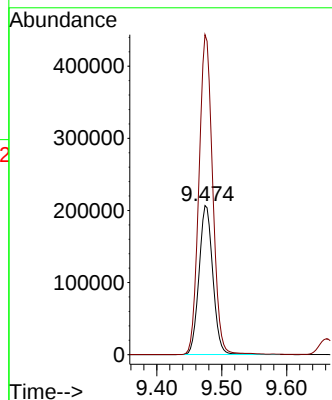
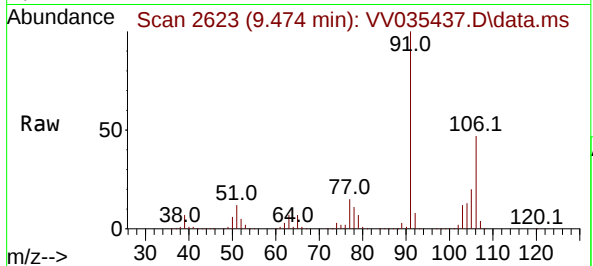




#54
o-Xylene
Concen: 51.889 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

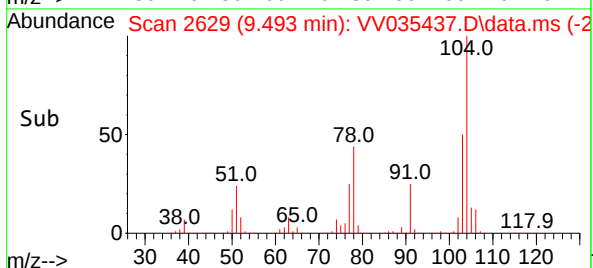
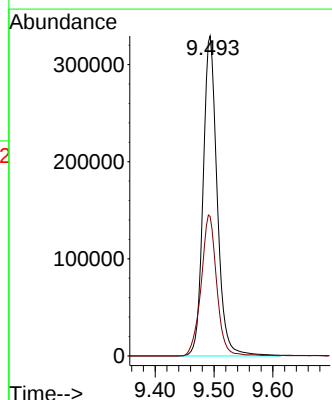
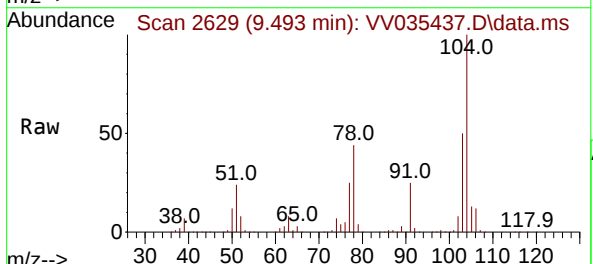
Instrument :
MSVOA_V
ClientSampleId :
E1CX4MS

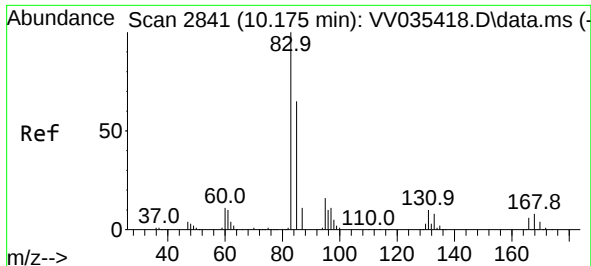
Tgt Ion:106 Resp: 305749
Ion Ratio Lower Upper
106 100
91 214.6 152.7 283.5



#55
Styrene
Concen: 53.872 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Tgt Ion:104 Resp: 547446
Ion Ratio Lower Upper
104 100
78 43.6 30.9 57.3

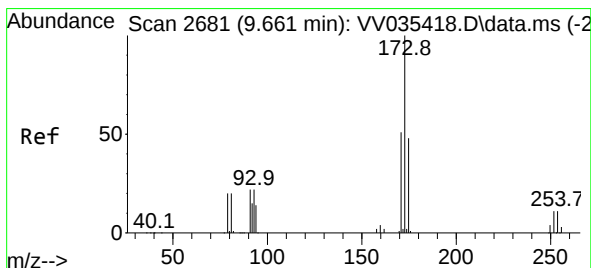
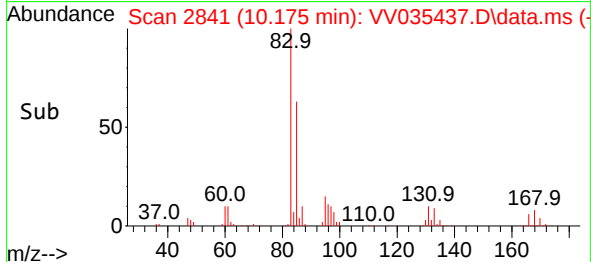
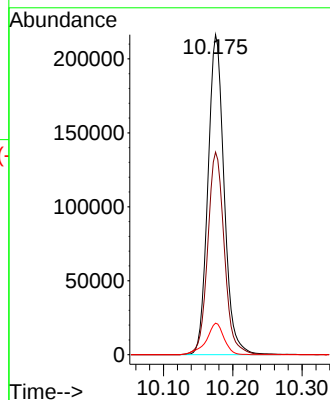
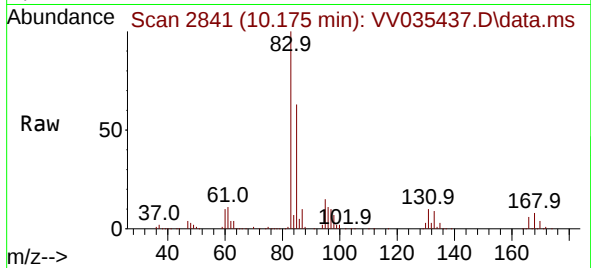




#57
1,1,2,2-Tetrachloroethane
Concen: 53.132 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

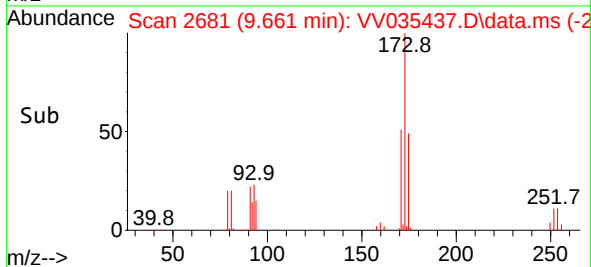
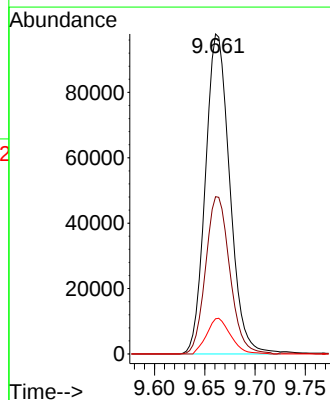
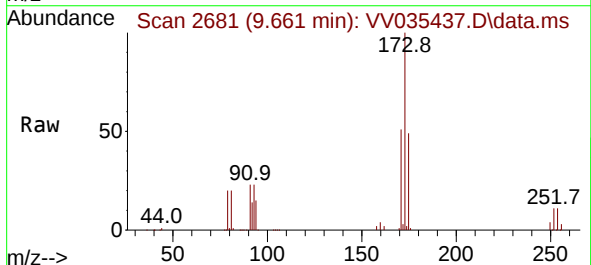
Instrument :
MSVOA_V
ClientSampleId :
E1CX4MS

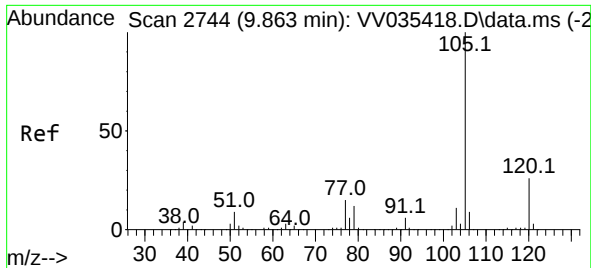
Tgt Ion: 83 Resp: 350133
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.2
131 9.9 7.9 11.9



#59
Bromoform
Concen: 50.089 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Tgt Ion: 173 Resp: 164863
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 10.9 8.7 13.1

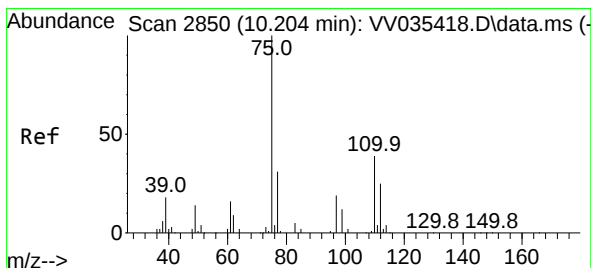
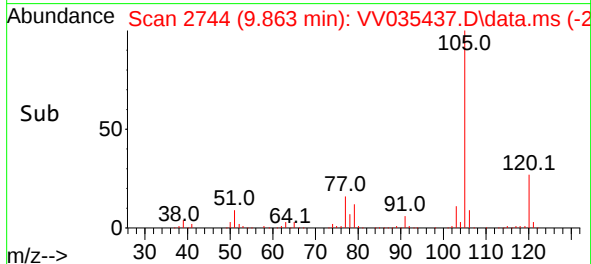
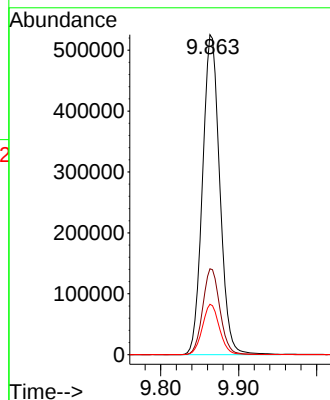
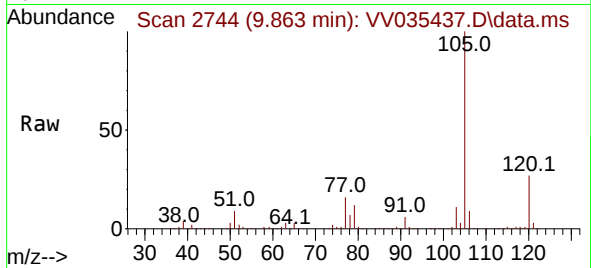




#60
Isopropylbenzene
Concen: 50.783 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

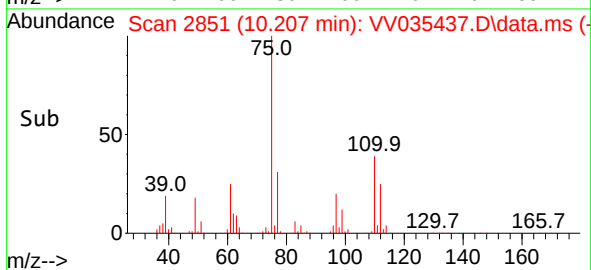
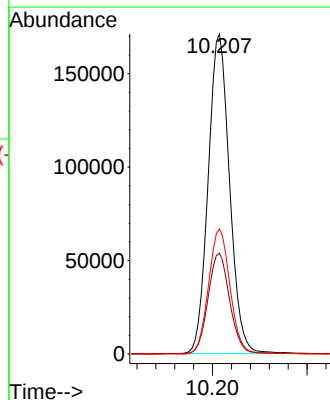
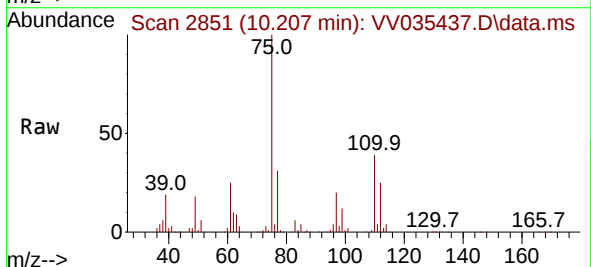
Instrument :
MSVOA_V
ClientSampleId :
E1CX4MS

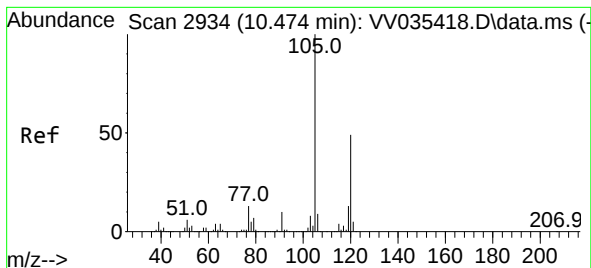
Tgt Ion:105 Resp: 807713
Ion Ratio Lower Upper
105 100
120 26.9 21.1 31.7
77 15.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 51.732 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Tgt Ion: 75 Resp: 268453
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
110 39.4 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 51.357 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

Instrument :

MSVOA_V

ClientSampleId :

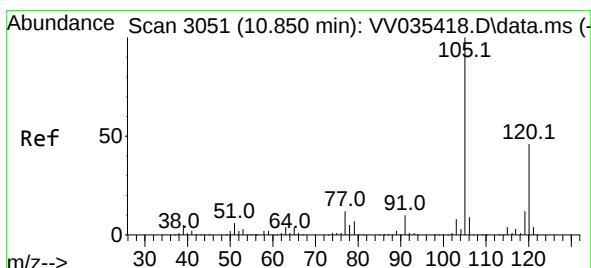
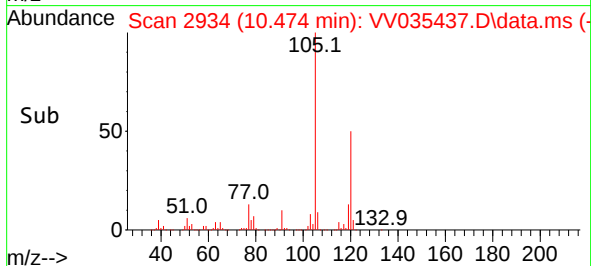
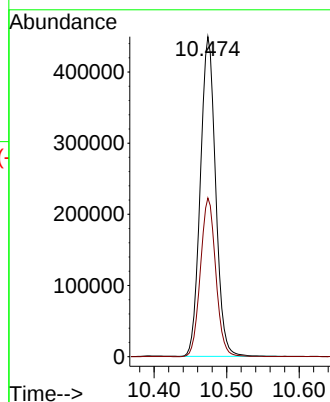
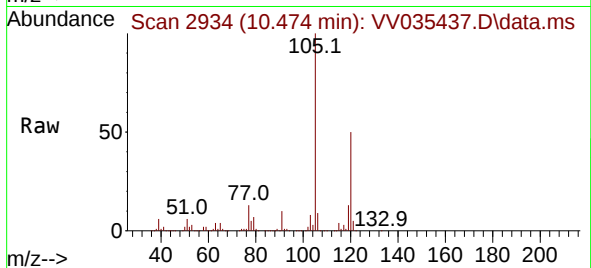
E1CX4MS

Tgt Ion:105 Resp: 658053

Ion Ratio Lower Upper

105 100

120 49.9 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 53.220 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035437.D

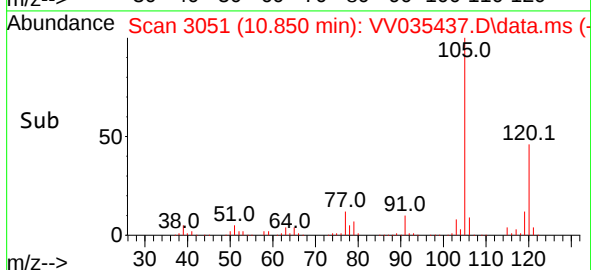
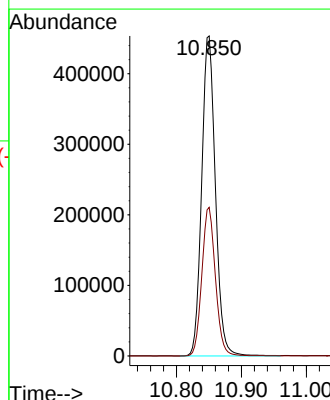
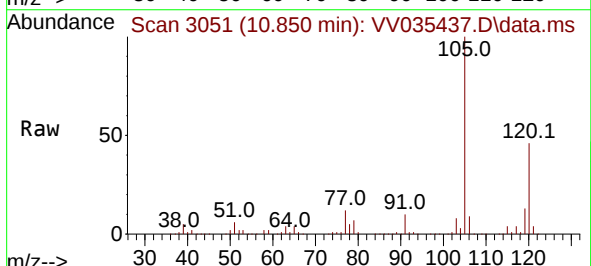
Acq: 26 Apr 2024 19:15

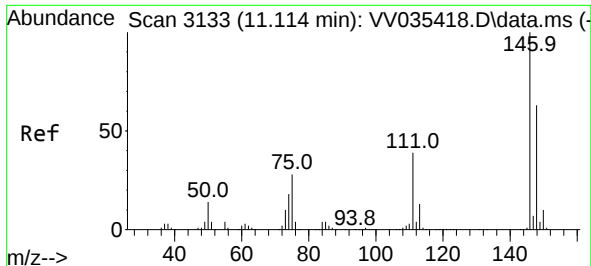
Tgt Ion:105 Resp: 667657

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1

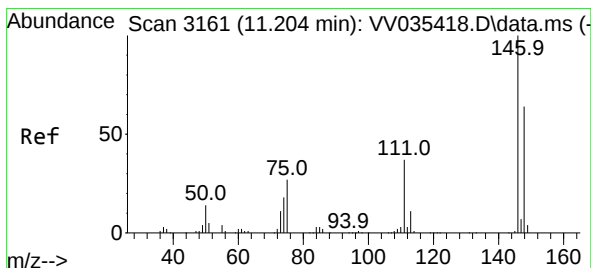
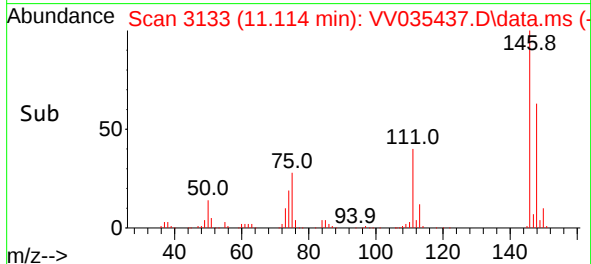
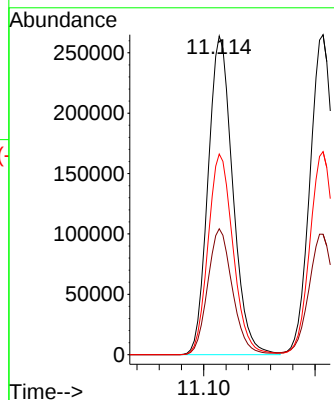
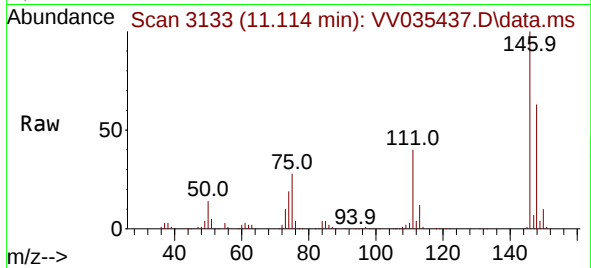




#64
1,3-Dichlorobenzene
Concen: 49.346 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

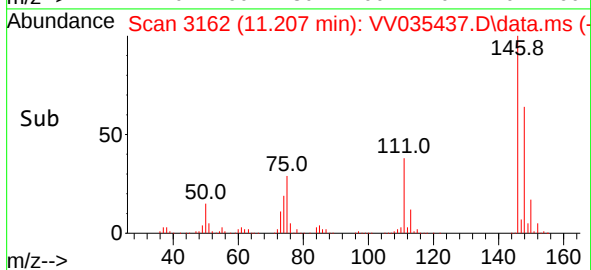
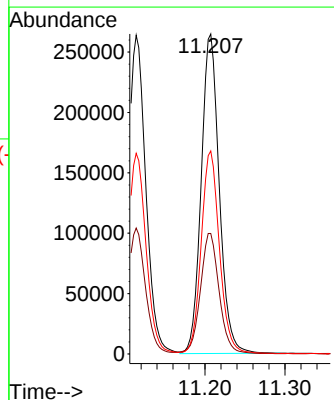
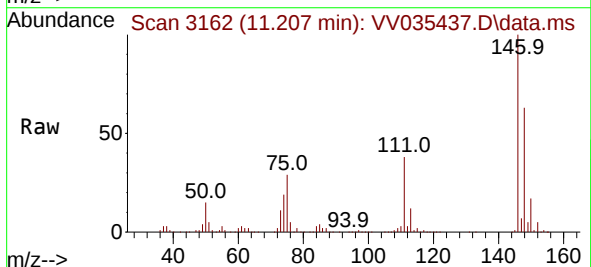
Instrument :
MSVOA_V
ClientSampleId :
E1CX4MS

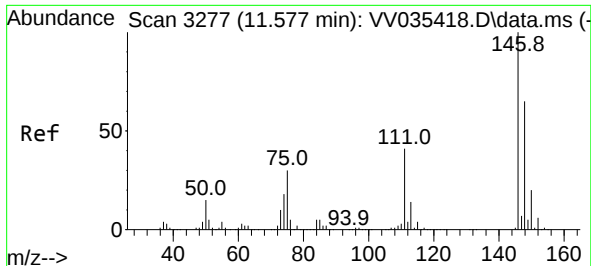
Tgt Ion:146 Resp: 406586
Ion Ratio Lower Upper
146 100
111 39.5 27.0 50.2
148 62.9 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 48.187 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035437.D
Acq: 26 Apr 2024 19:15

Tgt Ion:146 Resp: 416452
Ion Ratio Lower Upper
146 100
111 37.6 26.5 49.1
148 63.5 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 50.775 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

Instrument :

MSVOA_V

ClientSampleId :

E1CX4MS

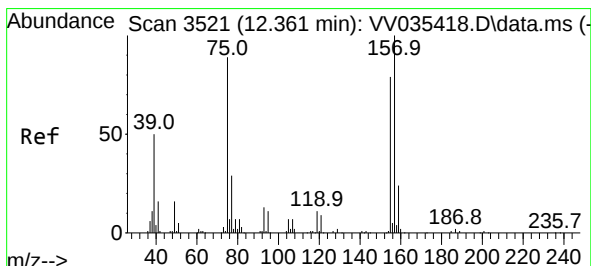
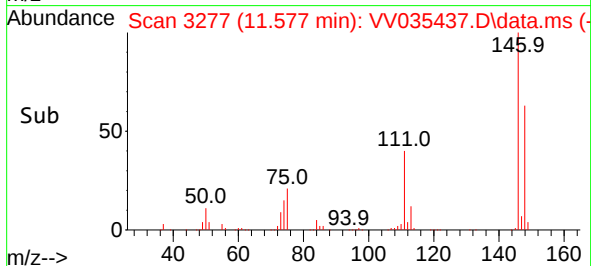
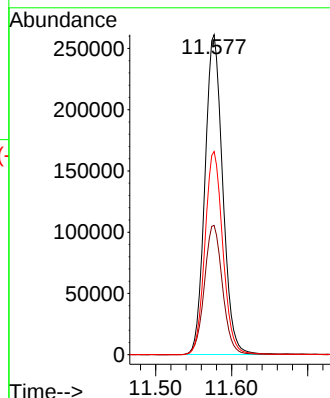
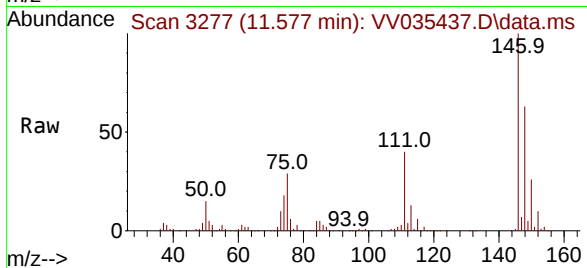
Tgt Ion:146 Resp: 423879

Ion Ratio Lower Upper

146 100

111 40.4 33.3 49.9

148 63.5 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 54.533 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

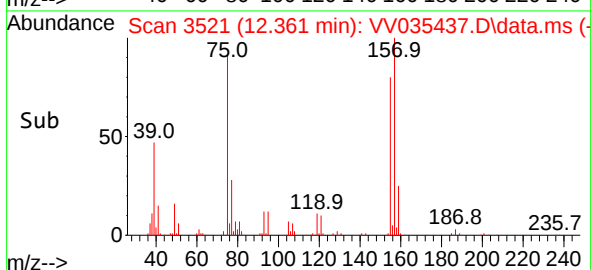
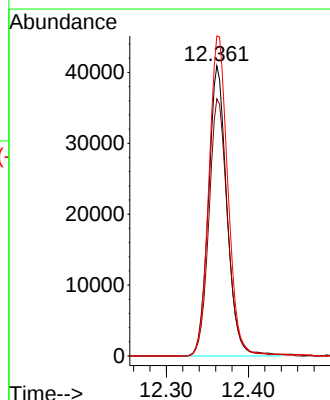
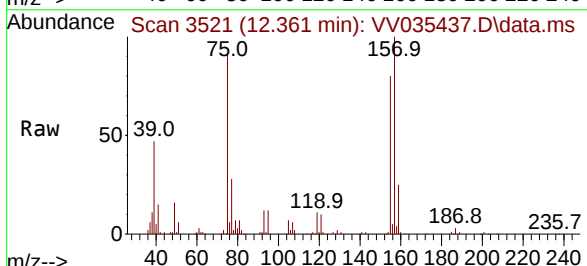
Tgt Ion: 75 Resp: 64022

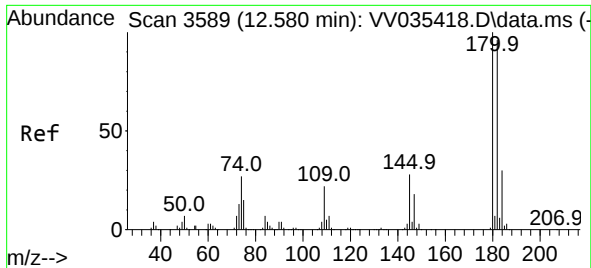
Ion Ratio Lower Upper

75 100

155 88.6 70.6 106.0

157 110.2 89.7 134.5

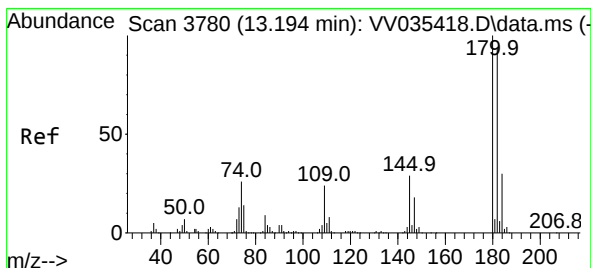
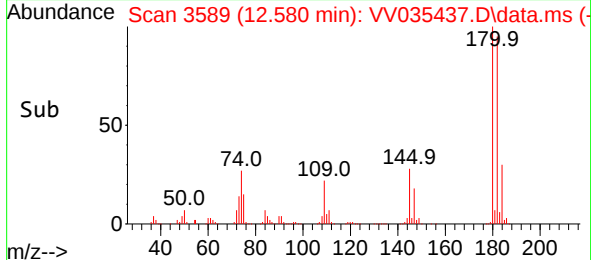
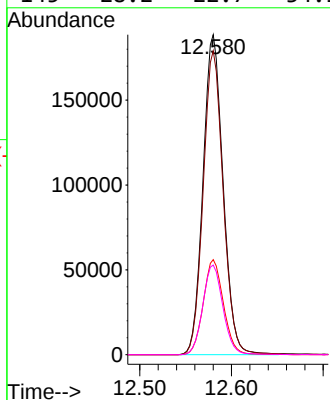
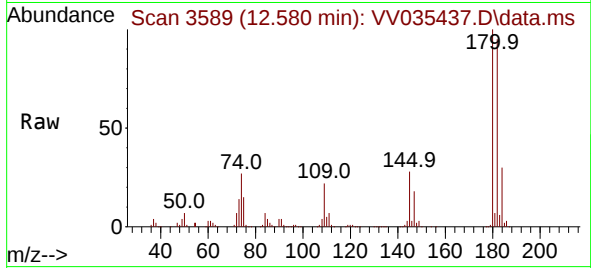




#69
 1,3,5-Trichlorobenzene
 Concen: 49.140 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. 0.000 min
 Lab File: VV035437.D
 Acq: 26 Apr 2024 19:15

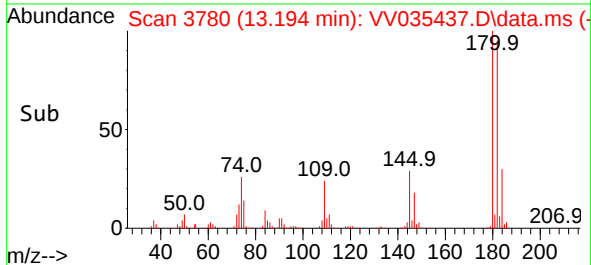
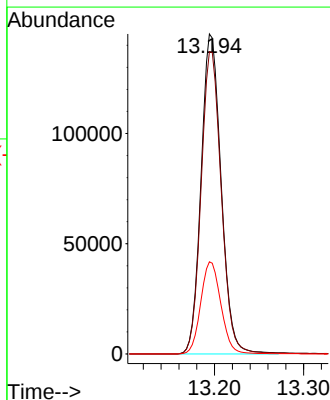
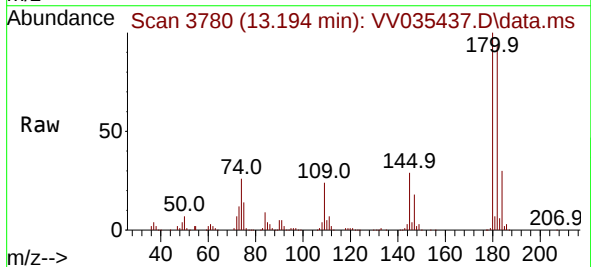
Instrument :
 MSVOA_V
 ClientSampleId :
 E1CX4MS

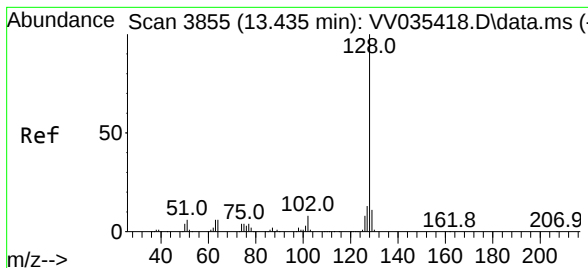
Tgt Ion:180	Resp:	286876
Ion Ratio	Lower	Upper
180	100	
182	94.7	76.2 114.2
184	30.0	23.8 35.6
145	28.2	22.7 34.1



#70
 1,2,4-trichlorobenzene
 Concen: 48.988 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. 0.000 min
 Lab File: VV035437.D
 Acq: 26 Apr 2024 19:15

Tgt Ion:180	Resp:	227033
Ion Ratio	Lower	Upper
180	100	
182	94.8	75.1 112.7
145	28.9	23.2 34.8





#71

Naphthalene

Concen: 49.768 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

Instrument :

MSVOA_V

ClientSampleId :

E1CX4MS

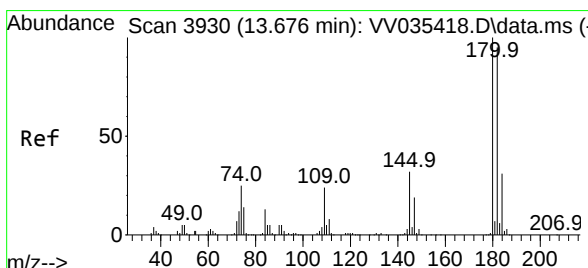
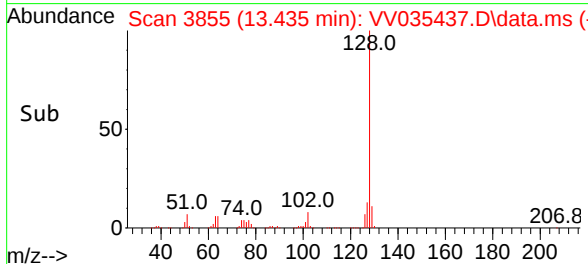
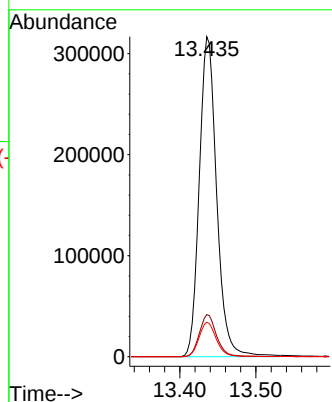
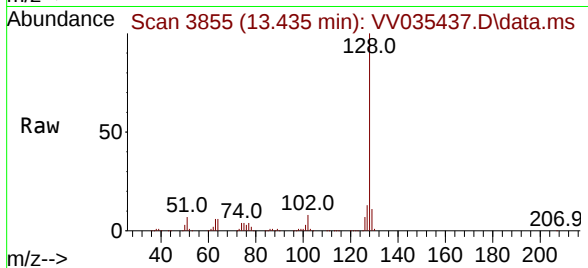
Tgt Ion:128 Resp: 503178

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.6 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 52.204 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035437.D

Acq: 26 Apr 2024 19:15

Tgt Ion:180 Resp: 235744

Ion Ratio Lower Upper

180 100

182 96.0 76.6 115.0

145 30.5 24.7 37.1

