

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042624\
 Data File : VW035438.D
 Acq On : 26 Apr 2024 19:38
 Operator : SY/MD
 Sample : P2204-06MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 00:37:58 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	538731	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	536455	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	288905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	189162	43.691	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.380%
7) Chloroethane-d5	1.532	69	150335	60.604	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.200%
11) 1,1-Dichloroethene-d2	2.053	65	77622	43.866	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.740%
21) 2-Butanone-d5	3.799	46	246939	111.287	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.290%
24) Chloroform-d	4.246	84	336538	46.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.380%
26) 1,2-Dichloroethane-d4	4.937	65	199138	46.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
32) Benzene-d6	4.957	84	667384	47.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	5.986	67	204670	47.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.100%
41) Toluene-d8	7.240	98	615781	48.462	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.920%
43) trans-1,3-Dichloroprop...	7.551	79	98371	48.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.700%
47) 2-Hexanone-d5	8.030	63	150196	119.782	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.780%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	309424	49.912	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.820%
66) 1,2-Dichlorobenzene-d4	11.558	152	243303	48.135	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	177432	44.798	ug/L	99
3) Chloromethane	1.214	50	187035	46.536	ug/L	99
5) Vinyl chloride	1.282	62	200365	47.257	ug/L	99
6) Bromomethane	1.487	94	119937	48.300	ug/L	99
8) Chloroethane	1.548	64	129758	69.326	ug/L	99
9) Trichlorofluoromethane	1.706	101	276006	48.197	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	168868	47.068	ug/L	99
12) 1,1-Dichloroethene	2.063	96	150297	47.219	ug/L	92
13) Acetone	2.130	43	206399	78.277	ug/L	98
14) Carbon disulfide	2.237	76	408520	46.205	ug/L	100
15) Methyl Acetate	2.375	43	207869	51.983	ug/L	98
16) Methylene chloride	2.442	84	192643	47.854	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	163262	47.710	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	582824	50.568	ug/L	99
19) 1,1-Dichloroethane	3.108	63	340805	48.111	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	191361	49.707	ug/L	98
22) 2-Butanone	3.883	43	289106	99.110	ug/L	99
23) Bromochloromethane	4.143	128	104523	48.790	ug/L	97
25) Chloroform	4.272	83	347761	47.495	ug/L	99

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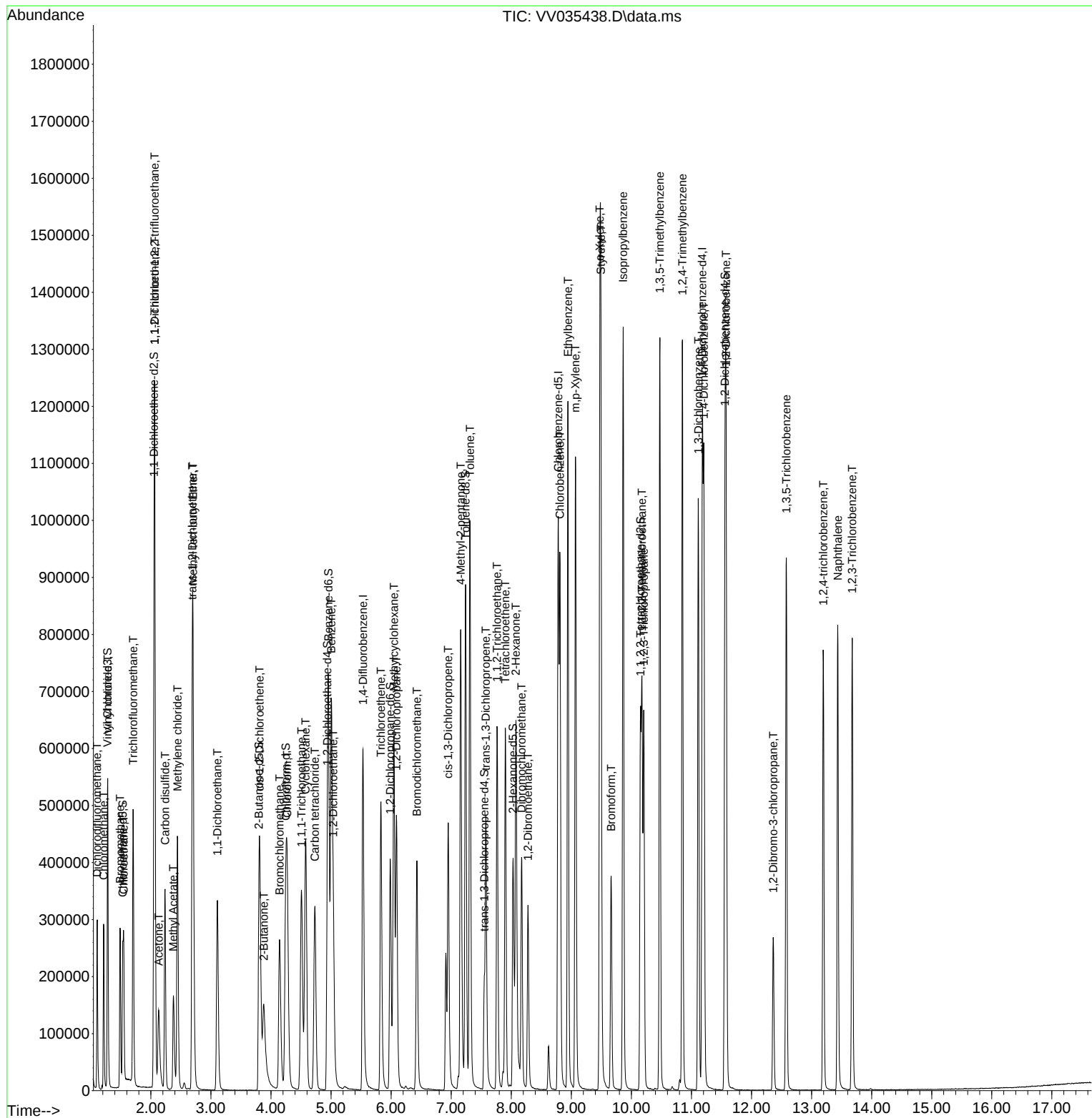
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	260916	48.524	ug/L	100
29) Cyclohexane	4.577	56	249503	50.574	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	299677	49.103	ug/L	99
31) Carbon tetrachloride	4.732	117	257199	48.237	ug/L	99
33) Benzene	5.005	78	718037	50.021	ug/L	100
34) Trichloroethene	5.831	95	187981	48.284	ug/L	98
35) Methylcyclohexane	6.047	83	273211	48.502	ug/L	99
37) 1,2-Dichloropropane	6.088	63	196966	49.149	ug/L	99
38) Bromodichloromethane	6.429	83	264975	48.965	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	308971	52.090	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	552360	115.417	ug/L	99
42) Toluene	7.313	91	767789	51.041	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	290669	51.049	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	205730	49.159	ug/L	98
46) Tetrachloroethene	7.902	164	148261	48.544	ug/L	97
48) 2-Hexanone	8.079	43	449909	110.585	ug/L	98
49) Dibromochloromethane	8.172	129	212644	49.704	ug/L	97
50) 1,2-Dibromoethane	8.278	107	214407	50.359	ug/L	97
51) Chlorobenzene	8.812	112	515881	48.635	ug/L	99
52) Ethylbenzene	8.944	91	837423	50.947	ug/L	99
53) m,p-Xylene	9.069	106	315568	50.728	ug/L	99
54) o-Xylene	9.474	106	317458	52.189	ug/L	98
55) Styrene	9.493	104	565897	53.945	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	351996	51.742	ug/L	99
59) Bromoform	9.664	173	171280	49.937	ug/L	99
60) Isopropylbenzene	9.863	105	850703	51.326	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	277373	51.293	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	688820	51.587	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	700282	53.567	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	429529	50.025	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	433313	48.113	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	434114	49.902	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	67796	55.415	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	298835	49.121	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	244383	50.603	ug/L	99
71) Naphthalene	13.435	128	634457	60.219	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	251685	53.484	ug/L	100

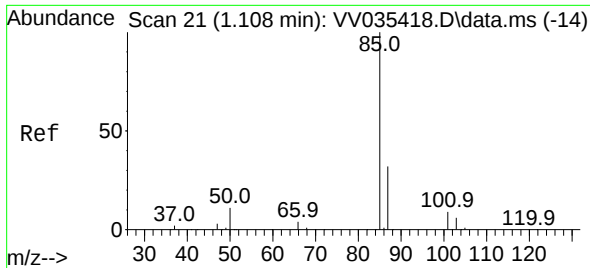
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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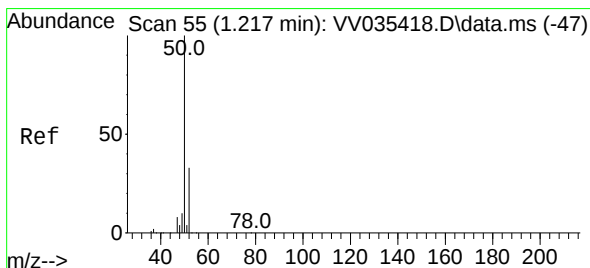
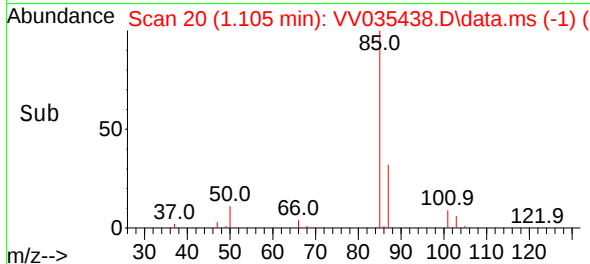
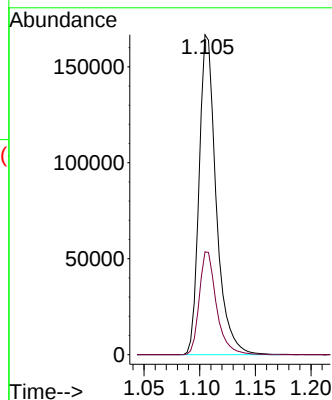
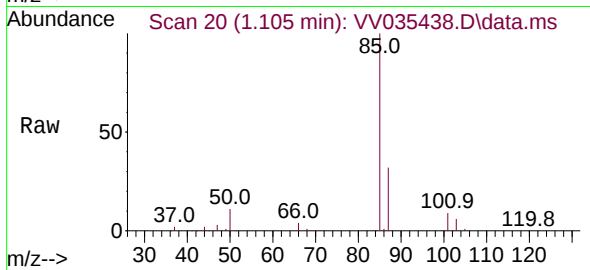




#2
Dichlorodifluoromethane
Concen: 44.798 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

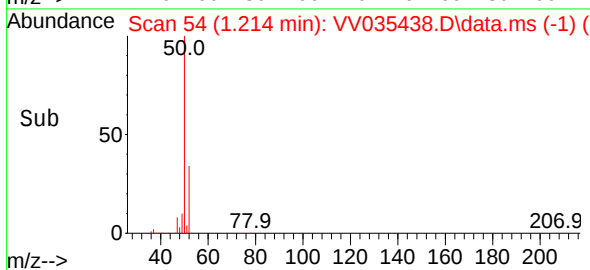
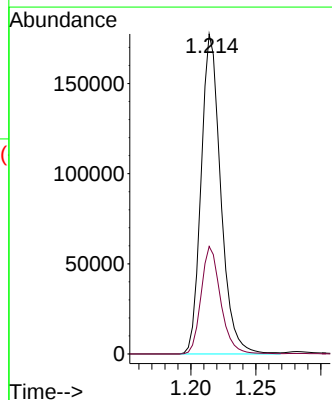
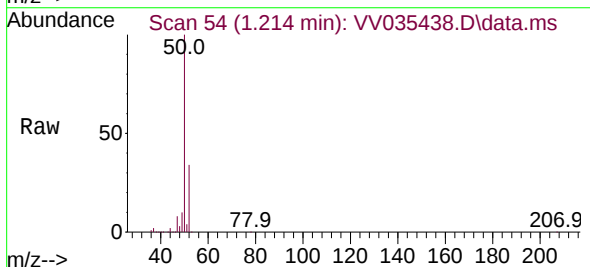
Instrument :
MSVOA_V
ClientSampleId :

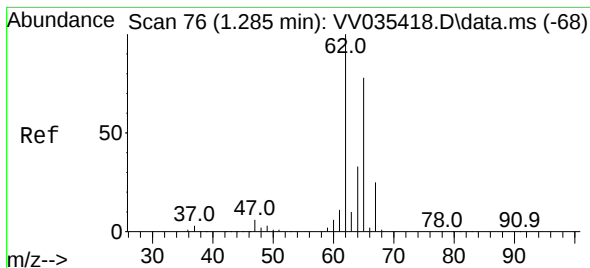
Tgt Ion: 85 Resp: 177432
Ion Ratio Lower Upper
85 100
87 32.4 25.4 38.2



#3
Chloromethane
Concen: 46.536 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Tgt Ion: 50 Resp: 187035
Ion Ratio Lower Upper
50 100
52 33.6 23.0 42.8





#5

Vinyl chloride

Concen: 47.257 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

Instrument :

MSVOA_V

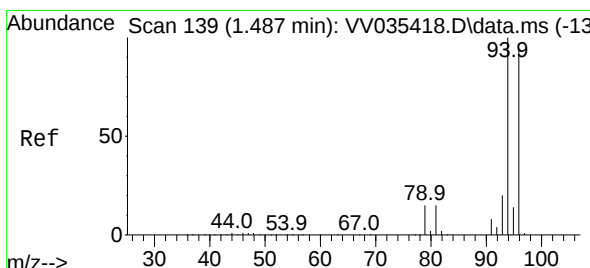
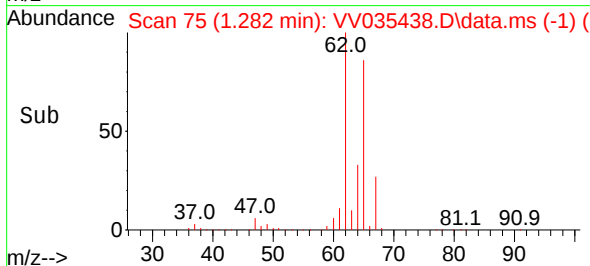
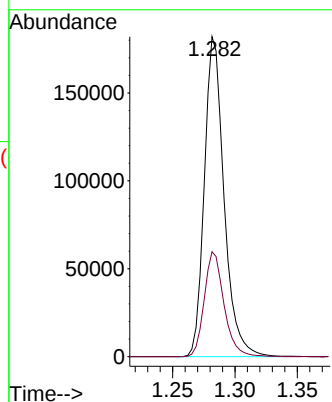
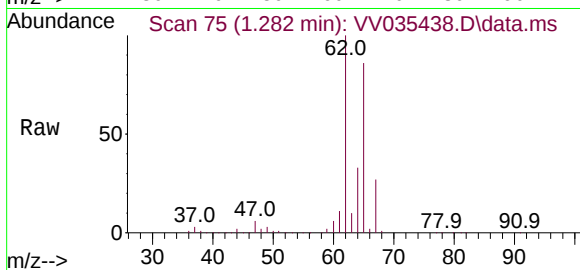
ClientSampleId :

Tgt Ion: 62 Resp: 200365

Ion Ratio Lower Upper

62 100

64 32.8 23.2 43.2



#6

Bromomethane

Concen: 48.300 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035438.D

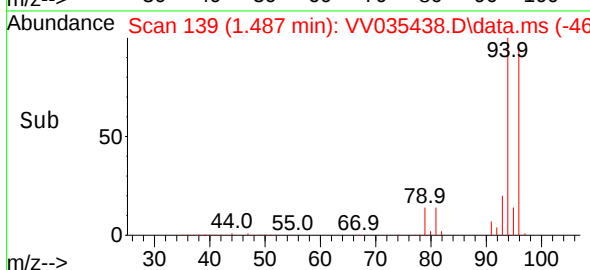
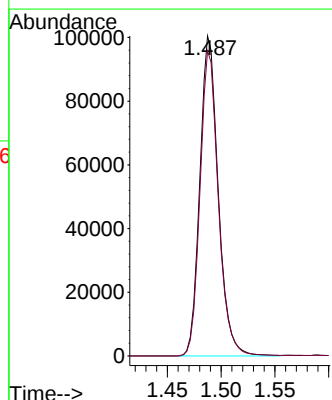
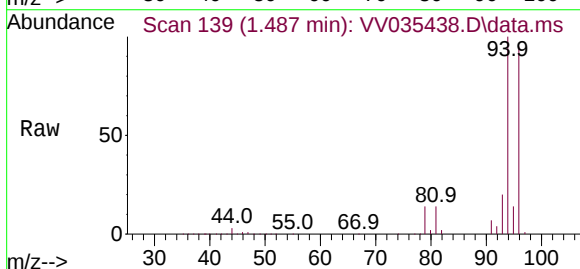
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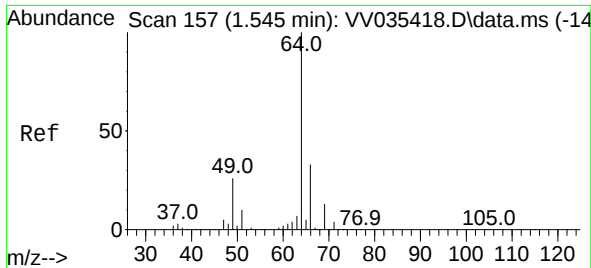
Tgt Ion: 94 Resp: 119937

Ion Ratio Lower Upper

94 100

96 95.4 66.1 122.7

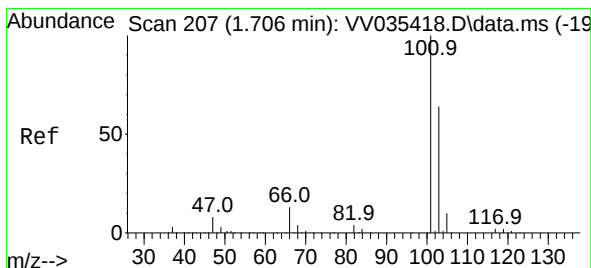
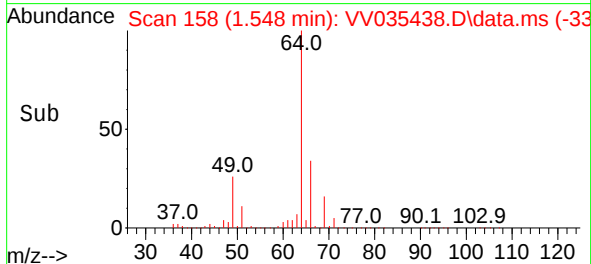
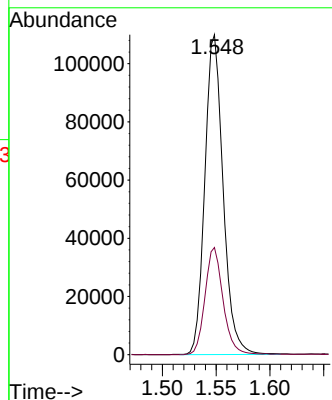
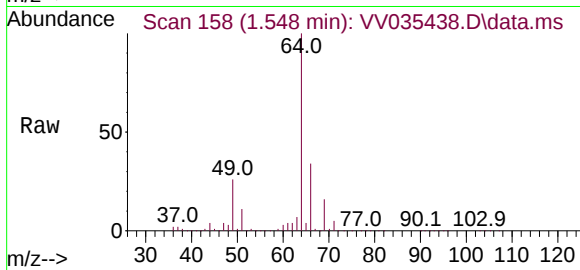




#8
Chloroethane
Concen: 69.326 ug/L
RT: 1.548 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

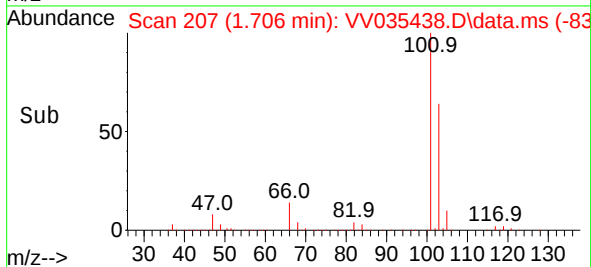
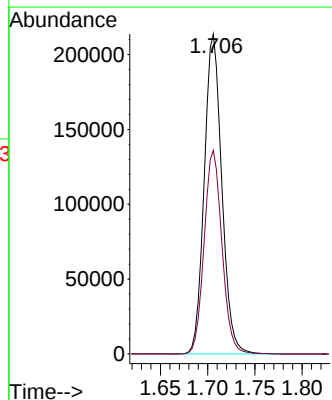
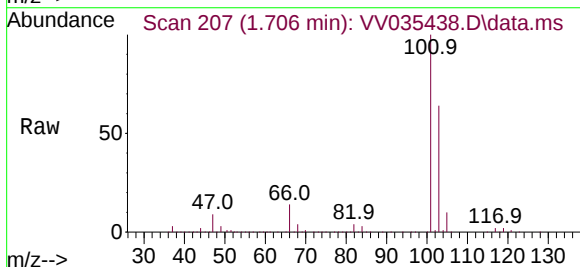
Instrument :
MSVOA_V
ClientSampleId :

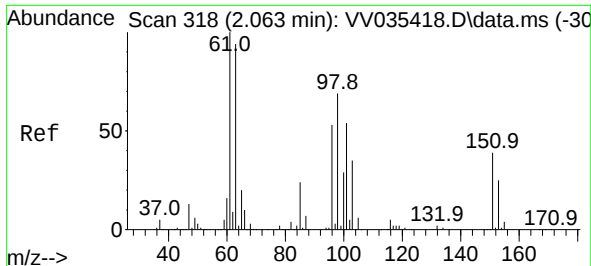
Tgt Ion: 64 Resp: 129758
Ion Ratio Lower Upper
64 100
66 33.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 48.197 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Tgt Ion:101 Resp: 276006
Ion Ratio Lower Upper
101 100
103 64.5 51.2 76.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 47.068 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

Instrument :

MSVOA_V

ClientSampleId :

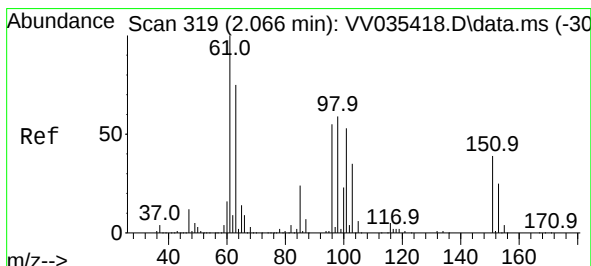
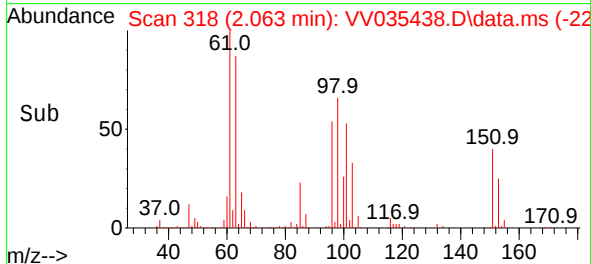
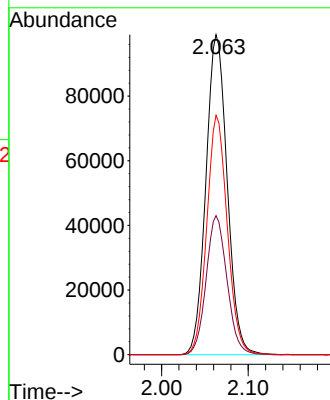
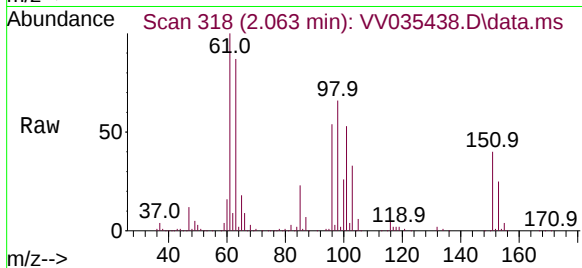
Tgt Ion:101 Resp: 168868

Ion Ratio Lower Upper

101 100

85 42.6 35.0 52.6

151 72.2 58.6 87.8



#12

1,1-Dichloroethene

Concen: 47.219 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

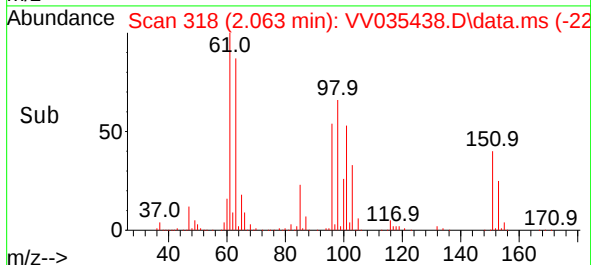
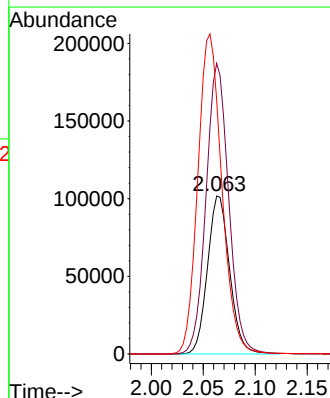
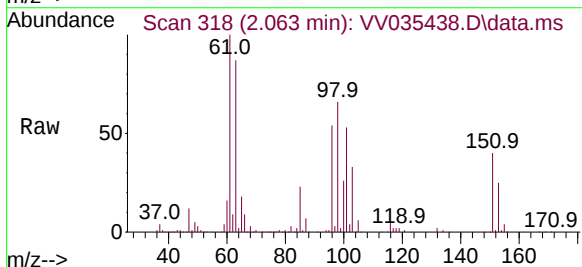
Tgt Ion: 96 Resp: 150297

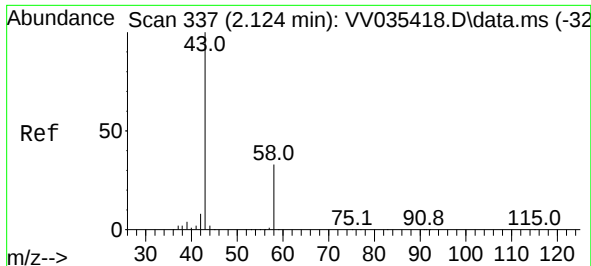
Ion Ratio Lower Upper

96 100

61 184.0 128.2 238.0

63 160.6 96.9 179.9





#13

Acetone

Concen: 78.277 ug/L

RT: 2.130 min Scan# 337

Delta R.T. 0.007 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

Instrument :

MSVOA_V

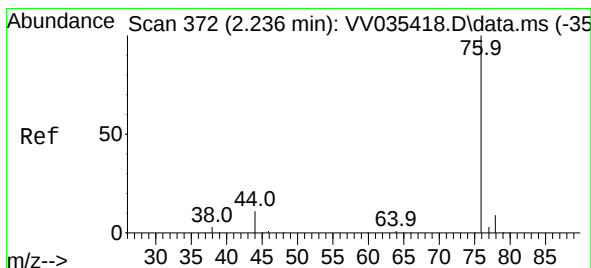
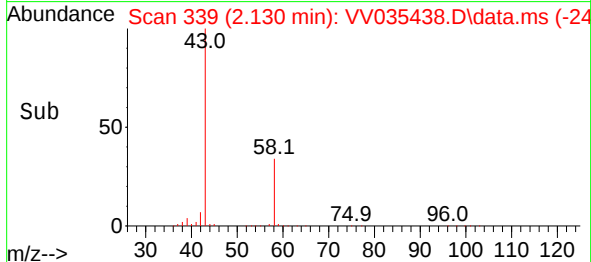
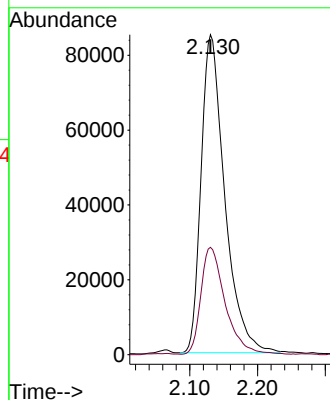
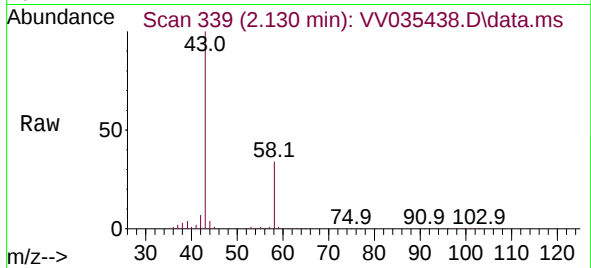
ClientSampleId :

Tgt Ion: 43 Resp: 206399

Ion Ratio Lower Upper

43 100

58 34.2 0.0 65.8



#14

Carbon disulfide

Concen: 46.205 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

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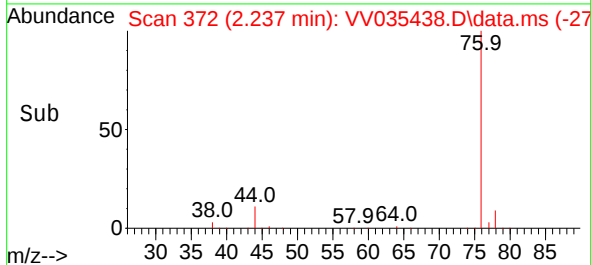
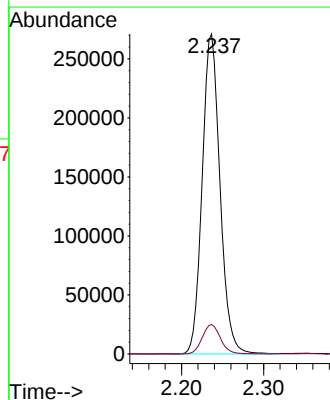
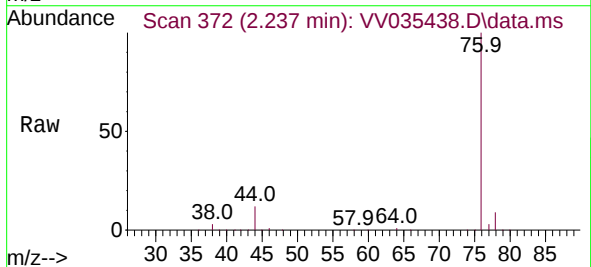
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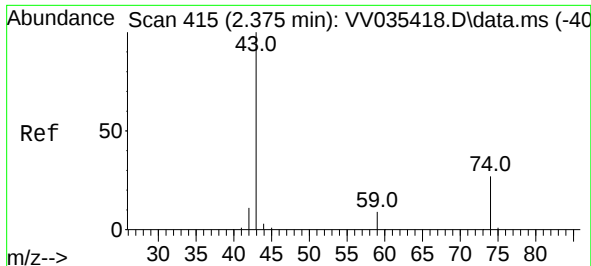
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Ion Ratio Lower Upper

76 100

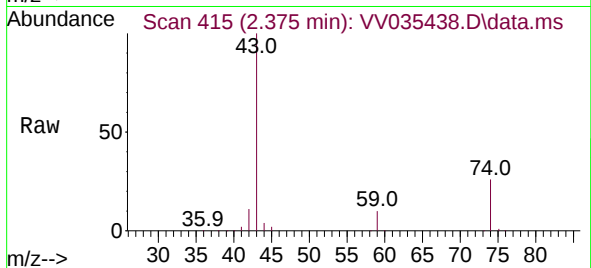
78 9.2 7.4 11.0



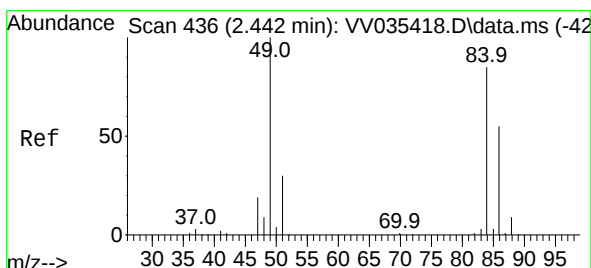
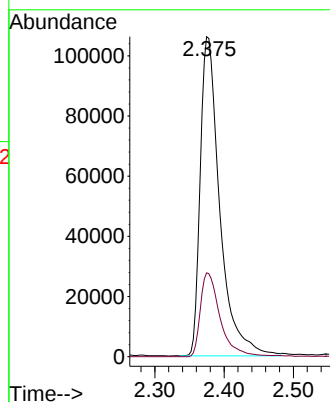
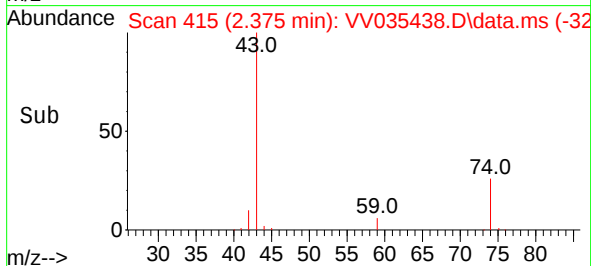


#15
Methyl Acetate
Concen: 51.983 ug/L
RT: 2.375 min Scan# 415
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Instrument :
MSVOA_V
ClientSampleId :

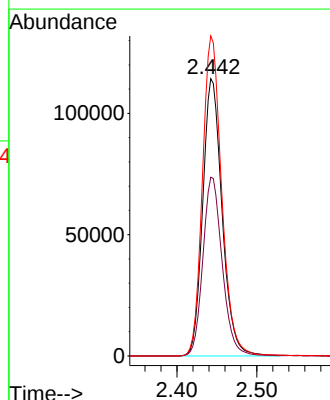
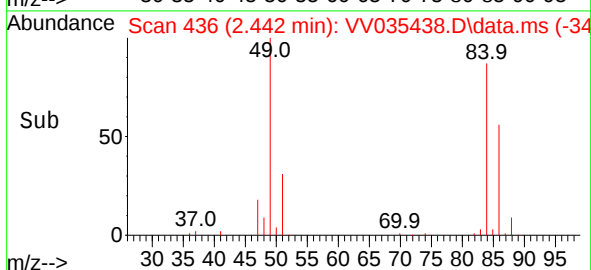
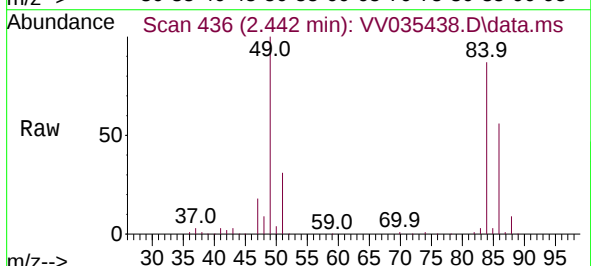


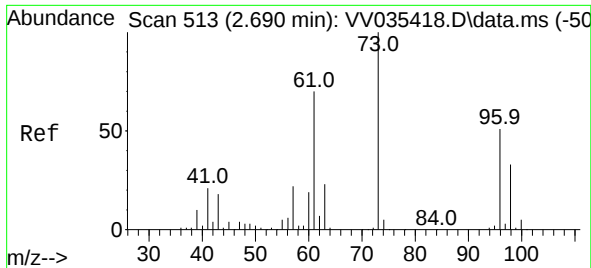
Tgt Ion: 43 Resp: 207869
Ion Ratio Lower Upper
43 100
74 26.6 20.6 30.8



#16
Methylene chloride
Concen: 47.854 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

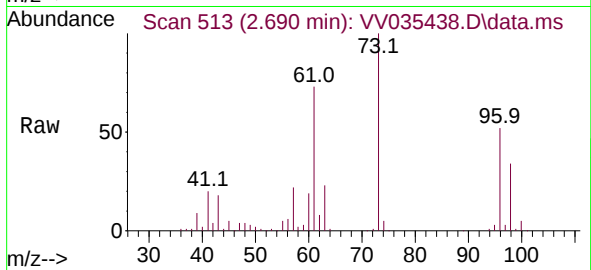
Tgt Ion: 84 Resp: 192643
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.9
49 115.4 82.3 152.8



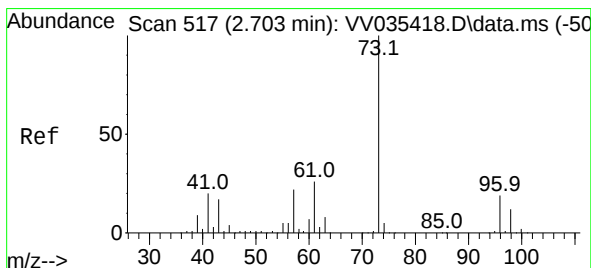
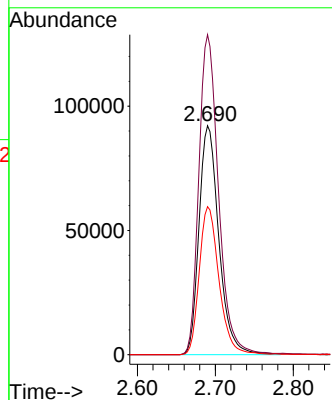
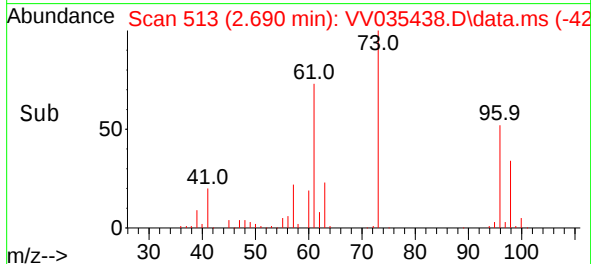


#17
trans-1,2-Dichloroethene
Concen: 47.710 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

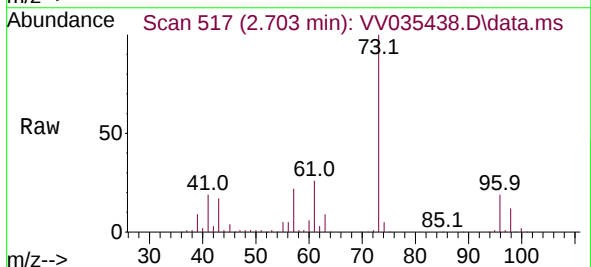
Instrument :
MSVOA_V
ClientSampleId :



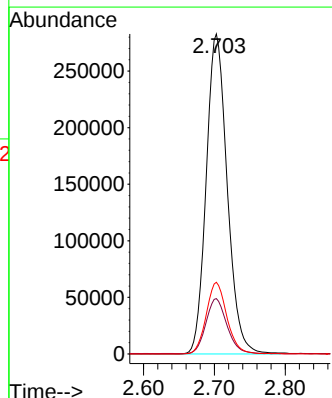
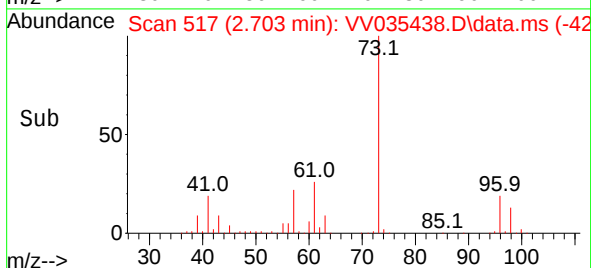
Tgt Ion: 96 Resp: 163262
Ion Ratio Lower Upper
96 100
61 139.8 96.4 179.0
98 64.6 45.2 84.0

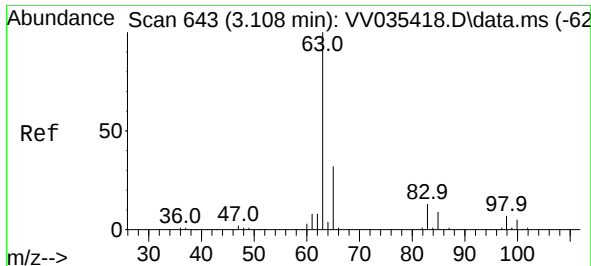


#18
Methyl tert-butyl Ether
Concen: 50.568 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38



Tgt Ion: 73 Resp: 582824
Ion Ratio Lower Upper
73 100
43 17.1 13.9 20.9
57 22.0 17.4 26.0

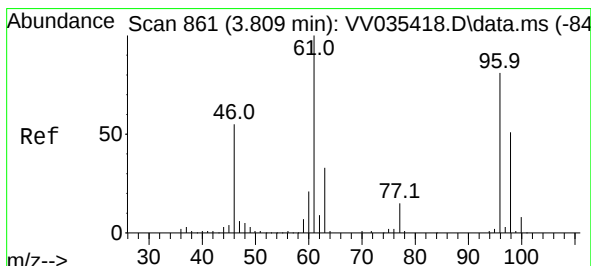
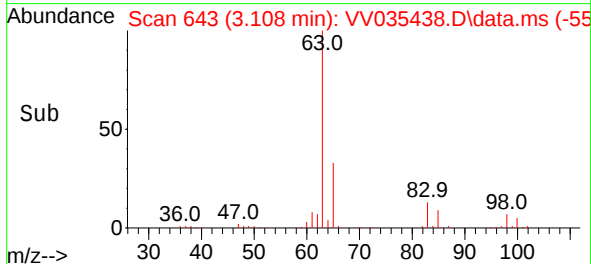
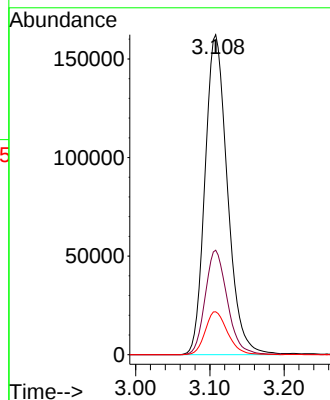
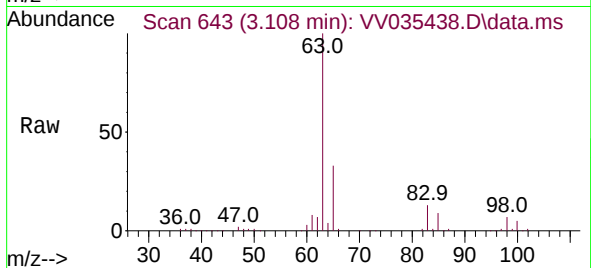




#19
1,1-Dichloroethane
Concen: 48.111 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

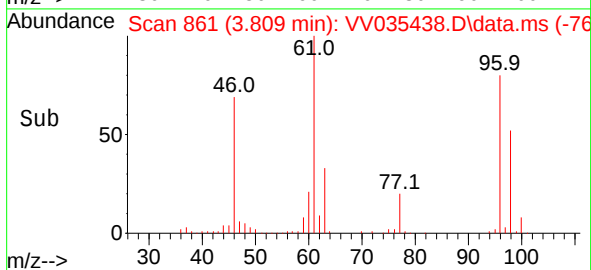
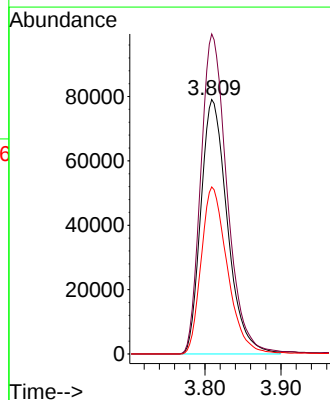
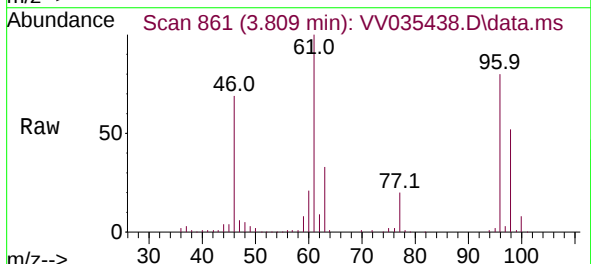
Instrument :
MSVOA_V
ClientSampleId :

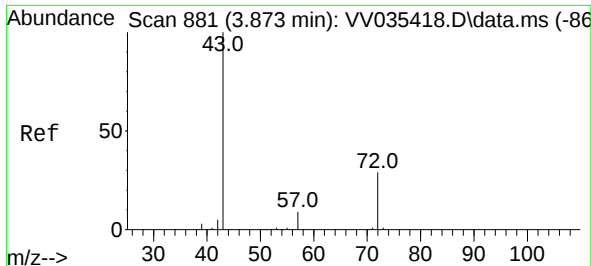
Tgt Ion: 63 Resp: 340805
Ion Ratio Lower Upper
63 100
65 32.6 22.1 41.1
83 13.4 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 49.707 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Tgt Ion: 96 Resp: 191361
Ion Ratio Lower Upper
96 100
61 125.8 86.9 161.5
98 65.6 44.6 82.8

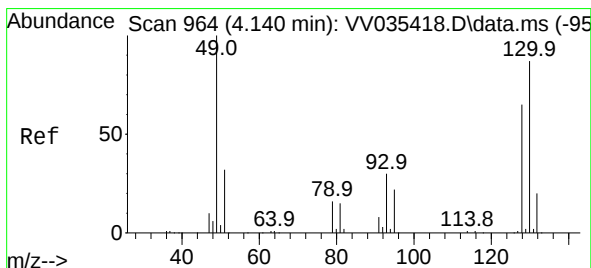
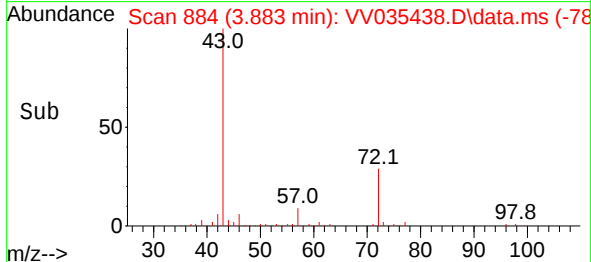
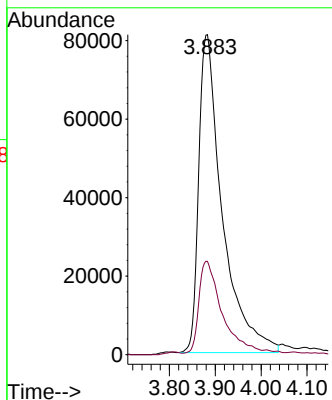
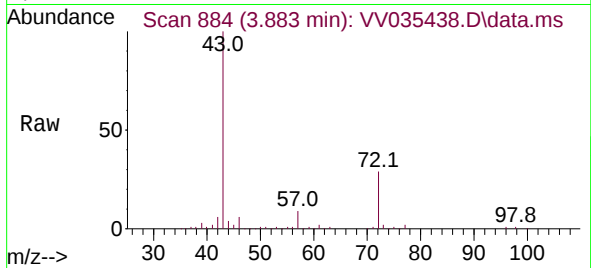




#22
2-Butanone
Concen: 99.110 ug/L
RT: 3.883 min Scan# 881
Delta R.T. 0.010 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

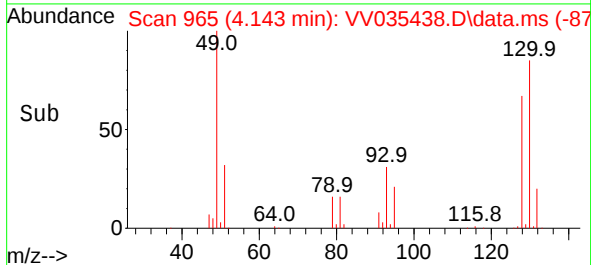
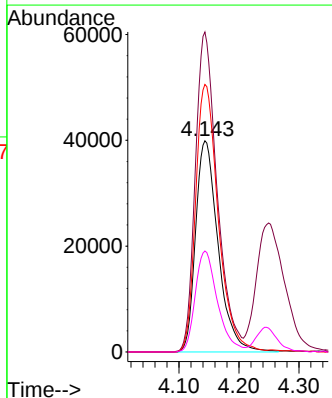
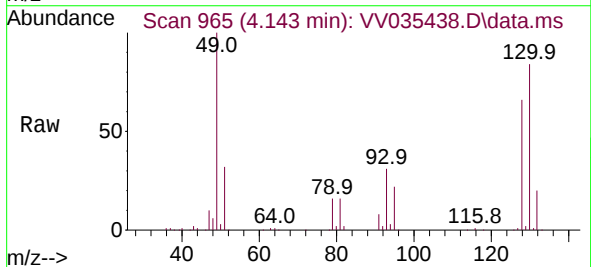
Instrument :
MSVOA_V
ClientSampleId :

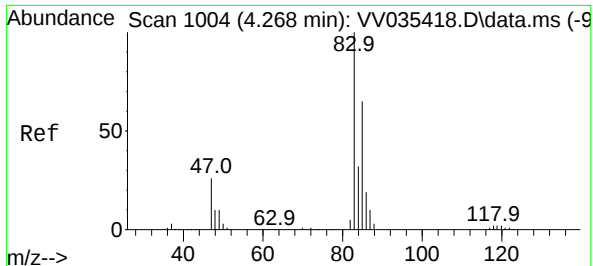
Tgt Ion: 43 Resp: 289106
Ion Ratio Lower Upper
43 100
72 28.0 13.8 41.4



#23
Bromochloromethane
Concen: 48.790 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.003 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Tgt Ion:128 Resp: 104523
Ion Ratio Lower Upper
128 100
49 151.6 107.7 200.1
130 126.7 93.4 173.4
51 47.8 39.0 58.6





#25

Chloroform

Concen: 47.495 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

Instrument :

MSVOA_V

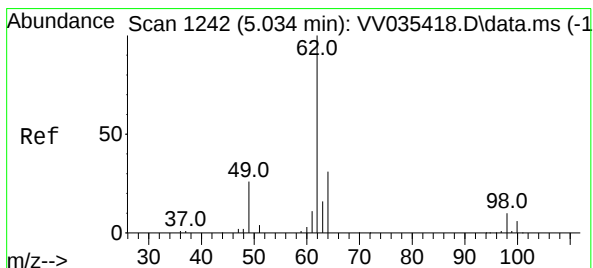
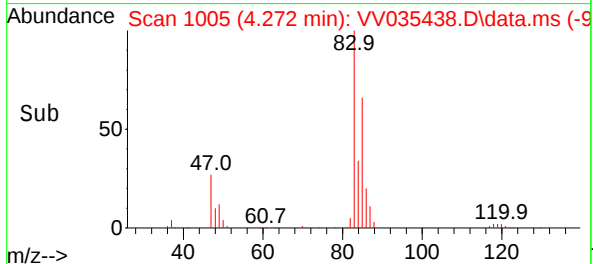
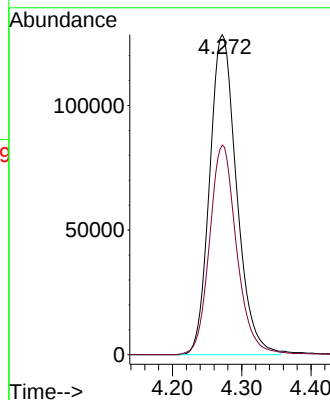
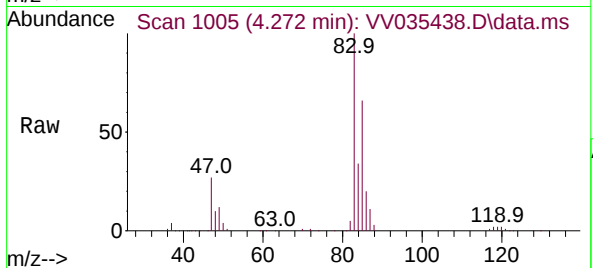
ClientSampleId :

Tgt Ion: 83 Resp: 347761

Ion Ratio Lower Upper

83 100

85 65.5 45.6 84.6



#27

1,2-Dichloroethane

Concen: 48.524 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV035438.D

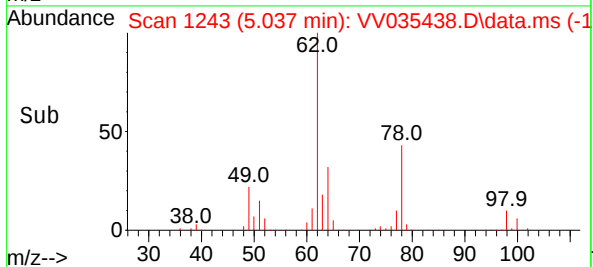
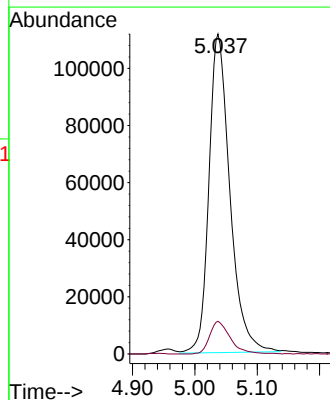
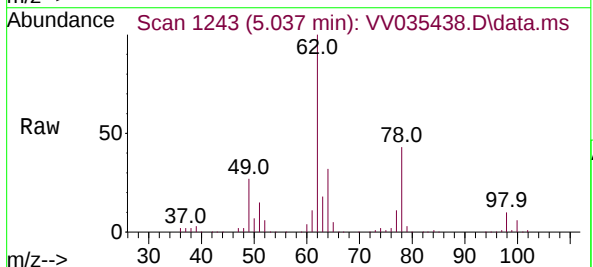
Acq: 26 Apr 2024 19:38

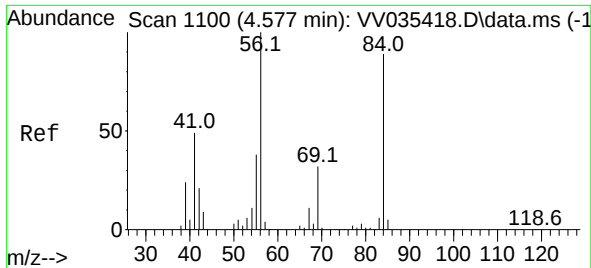
Tgt Ion: 62 Resp: 260916

Ion Ratio Lower Upper

62 100

98 10.2 8.0 12.0





#29

Cyclohexane

Concen: 50.574 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

Instrument :

MSVOA_V

ClientSampleId :

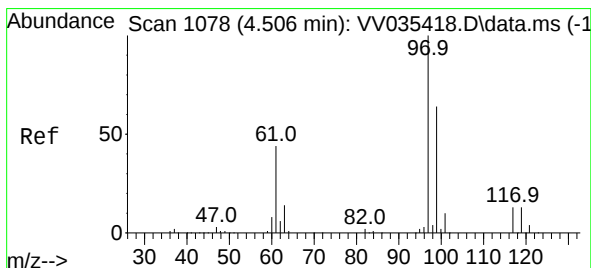
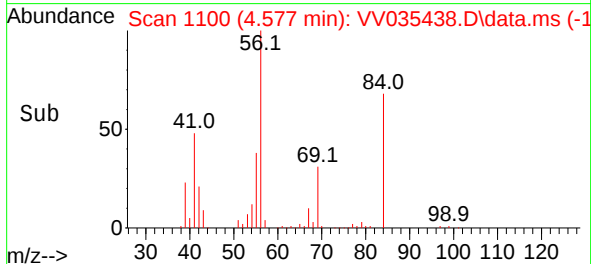
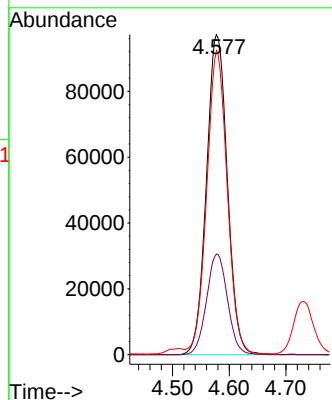
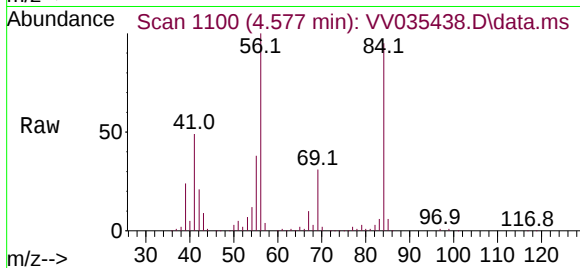
Tgt Ion: 56 Resp: 249503

Ion Ratio Lower Upper

56 100

69 31.5 25.4 38.2

84 92.3 73.5 110.3



#30

1,1,1-Trichloroethane

Concen: 49.103 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

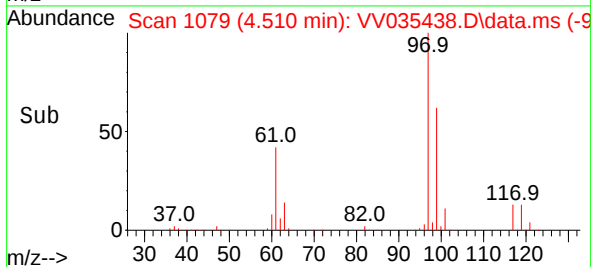
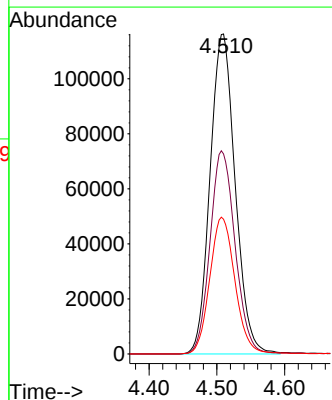
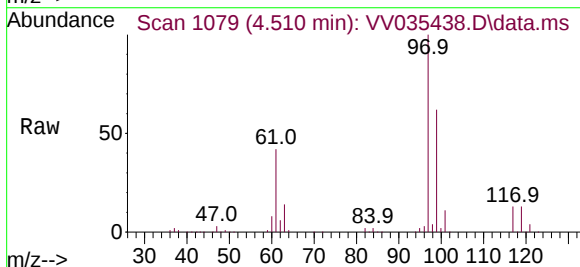
Tgt Ion: 97 Resp: 299677

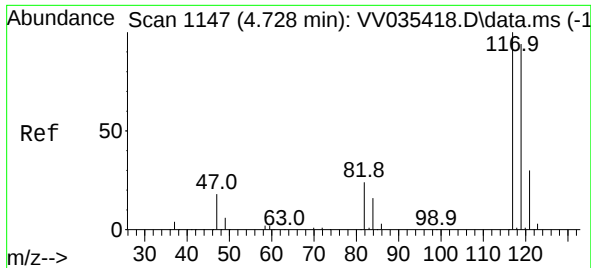
Ion Ratio Lower Upper

97 100

99 63.5 51.3 76.9

61 43.0 35.4 53.2

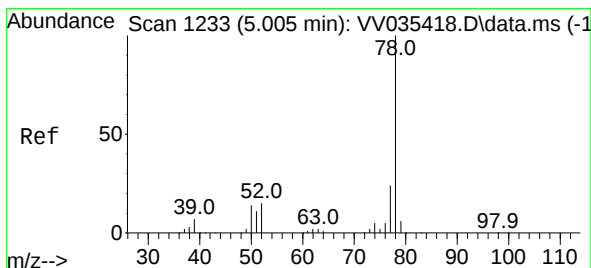
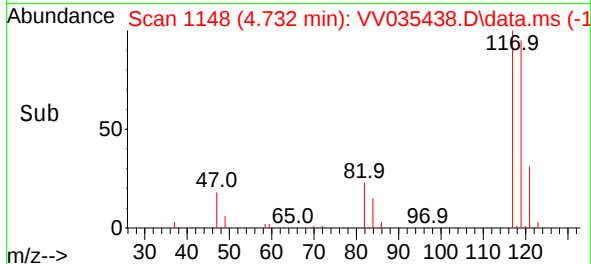
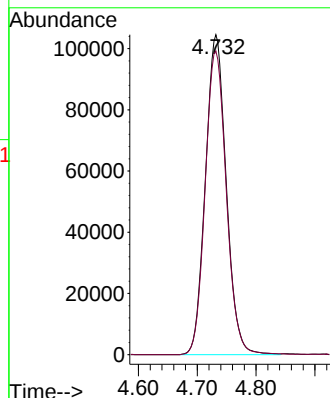
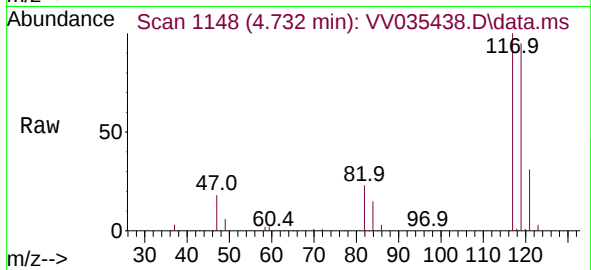




#31
Carbon tetrachloride
Concen: 48.237 ug/L
RT: 4.732 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

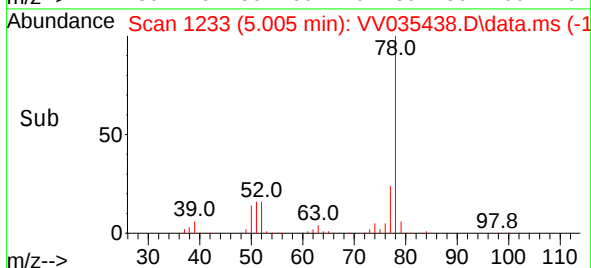
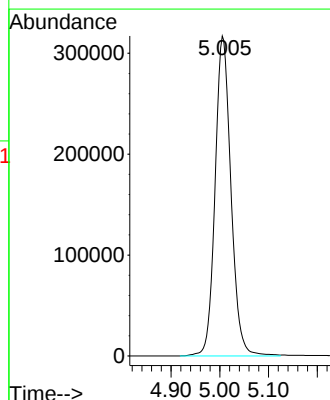
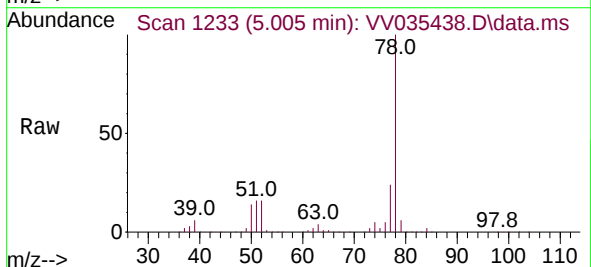
Instrument :
MSVOA_V
ClientSampleId :

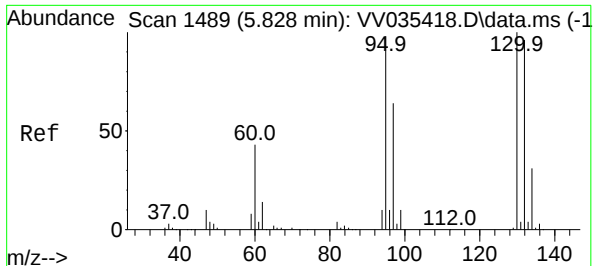
Tgt Ion:117 Resp: 257199
Ion Ratio Lower Upper
117 100
119 96.3 76.4 114.6



#33
Benzene
Concen: 50.021 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Tgt Ion: 78 Resp: 718037





#34

Trichloroethene

Concen: 48.284 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 187981

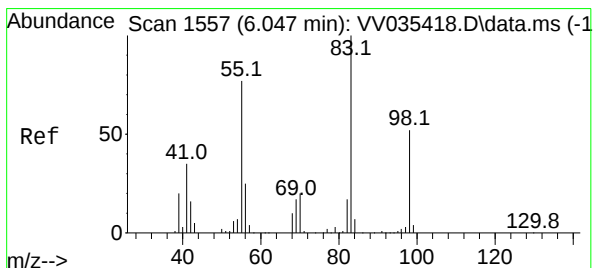
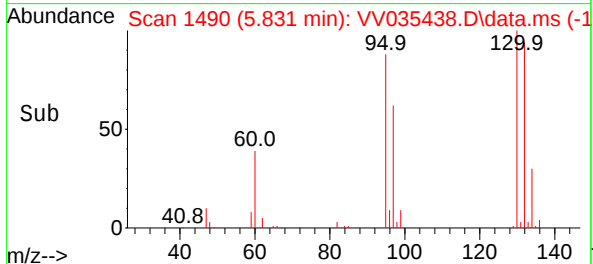
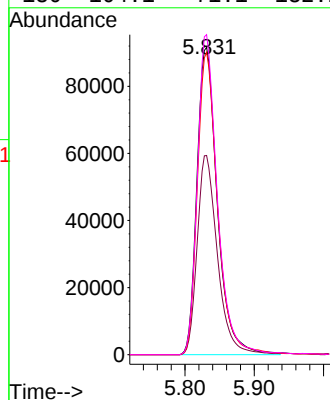
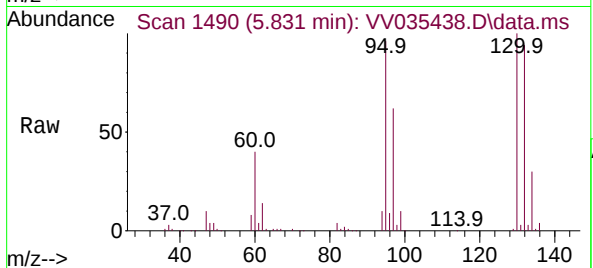
Ion Ratio Lower Upper

95 100

97 64.8 45.8 85.0

132 98.4 68.0 126.2

130 104.1 71.1 132.1



#35

Methylcyclohexane

Concen: 48.502 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

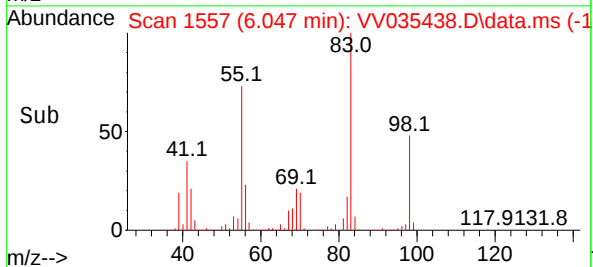
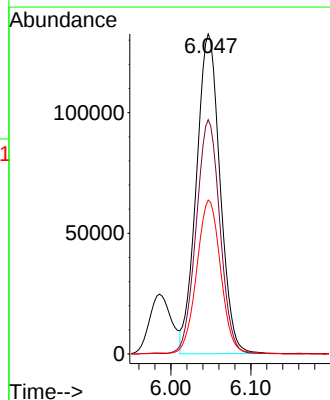
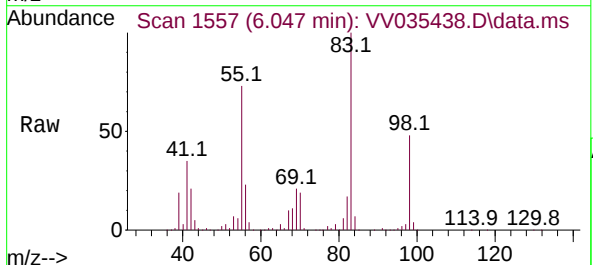
Tgt Ion: 83 Resp: 273211

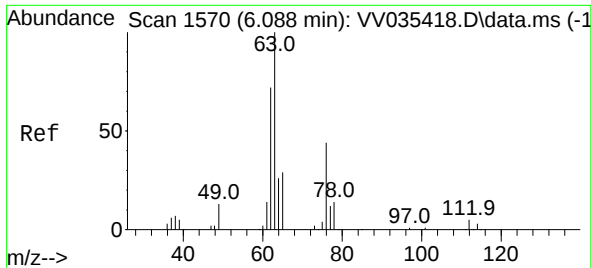
Ion Ratio Lower Upper

83 100

55 73.3 59.7 89.5

98 48.9 39.0 58.6

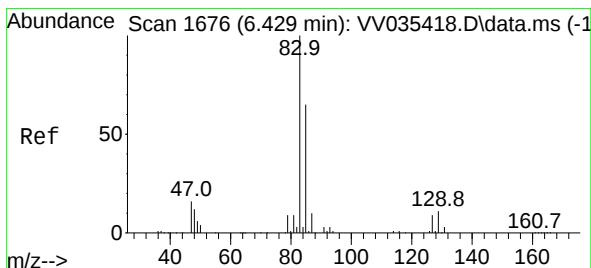
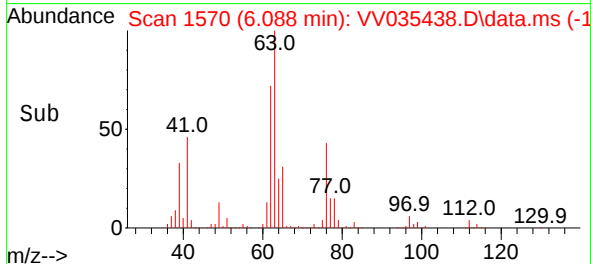
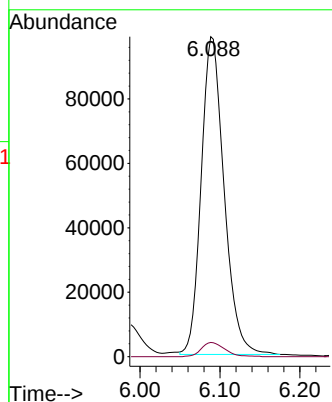
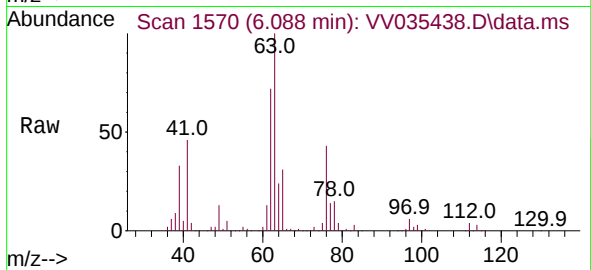




#37
1,2-Dichloropropane
Concen: 49.149 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

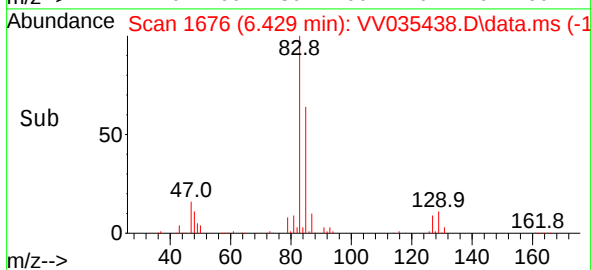
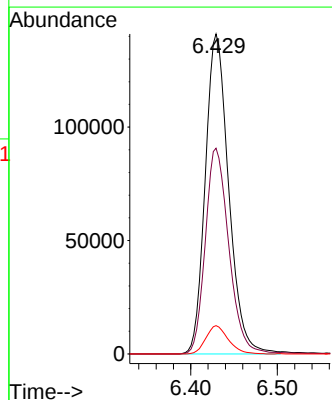
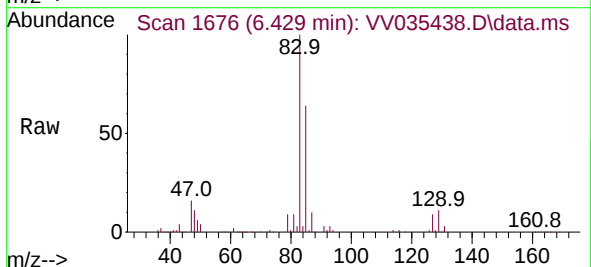
Instrument :
MSVOA_V
ClientSampleId :

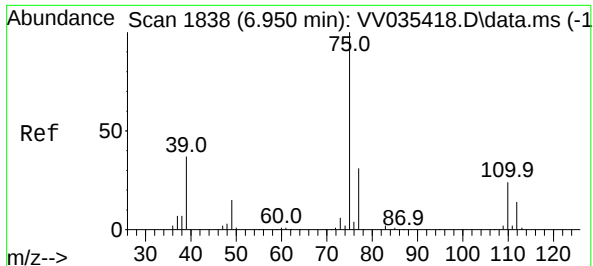
Tgt Ion: 63 Resp: 196966
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 48.965 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Tgt Ion: 83 Resp: 264975
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.9
127 8.9 7.0 10.4

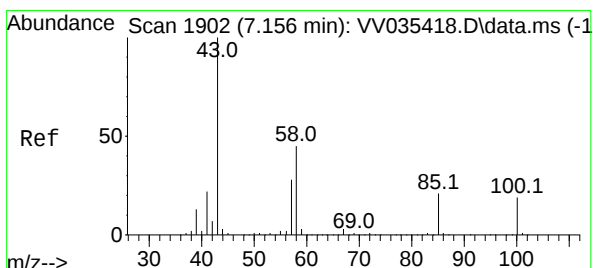
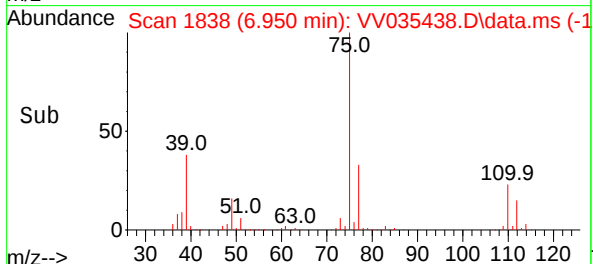
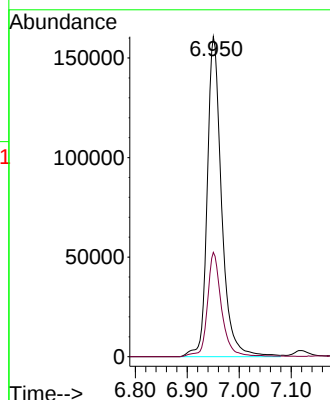
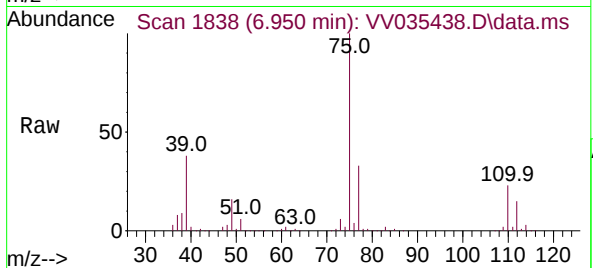




#39
 cis-1,3-Dichloropropene
 Concen: 52.090 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV035438.D
 Acq: 26 Apr 2024 19:38

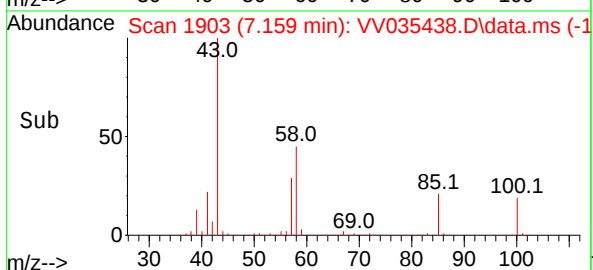
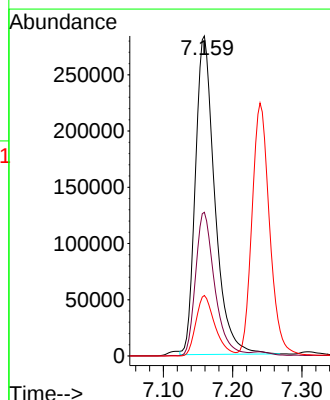
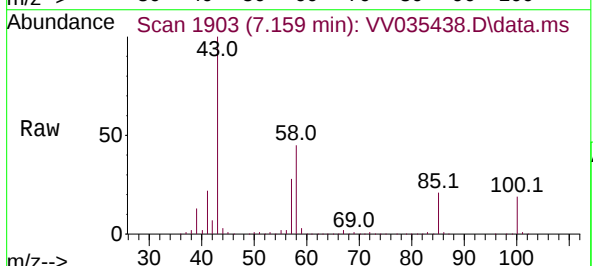
Instrument :
 MSVOA_V
 ClientSampleId :

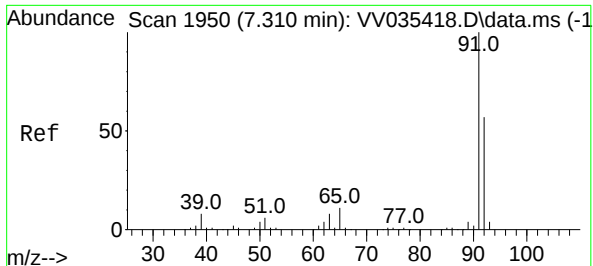
Tgt Ion: 75 Resp: 308971
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 115.417 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.003 min
 Lab File: VV035438.D
 Acq: 26 Apr 2024 19:38

Tgt Ion: 43 Resp: 552360
 Ion Ratio Lower Upper
 43 100
 58 44.3 35.0 52.4
 100 18.6 14.3 21.5





#42

Toluene

Concen: 51.041 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

Instrument :

MSVOA_V

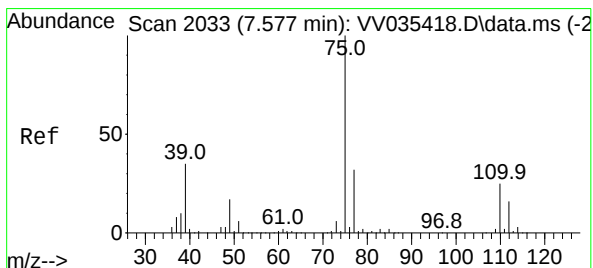
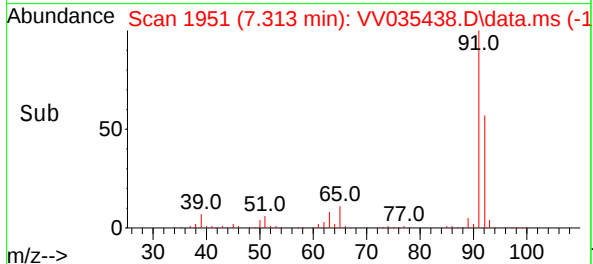
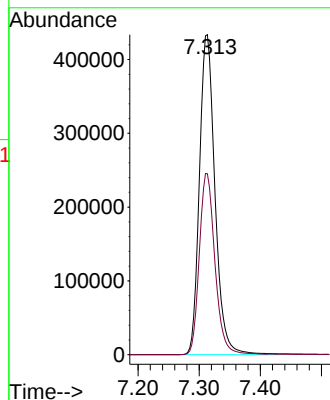
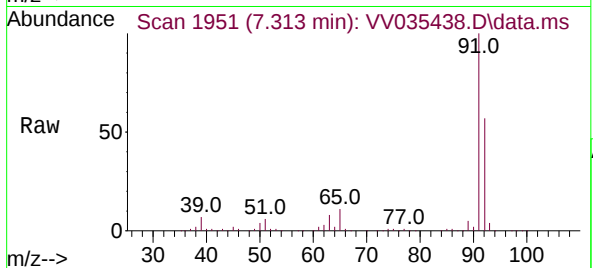
ClientSampleId :

Tgt Ion: 91 Resp: 767789

Ion Ratio Lower Upper

91 100

92 56.6 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 51.049 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035438.D

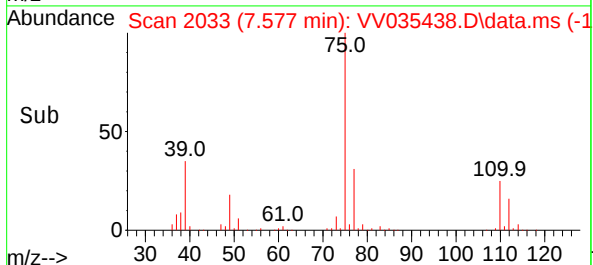
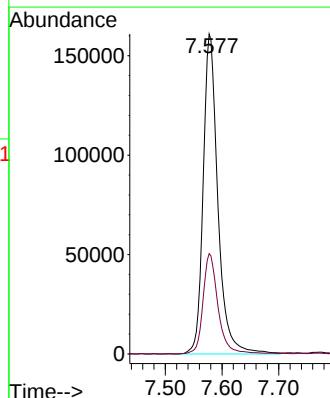
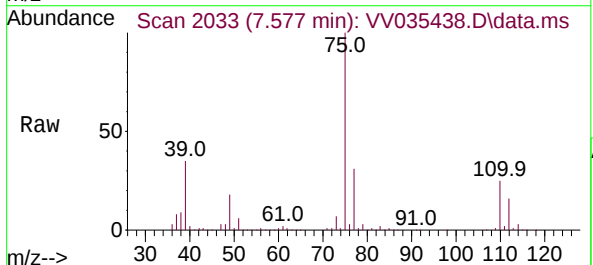
Acq: 26 Apr 2024 19:38

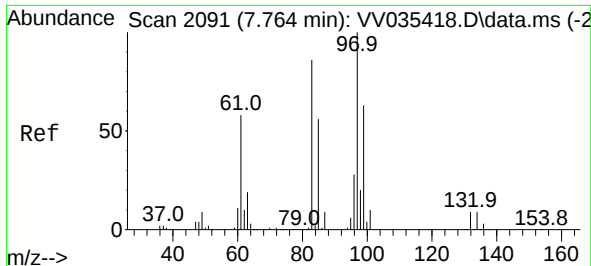
Tgt Ion: 75 Resp: 290669

Ion Ratio Lower Upper

75 100

77 31.4 22.1 41.1



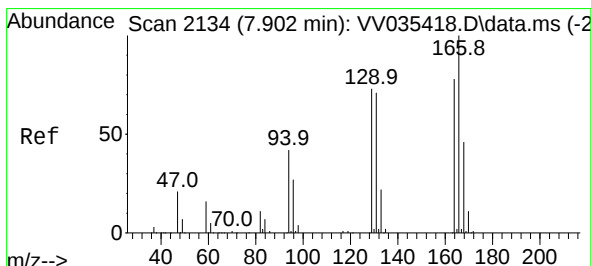
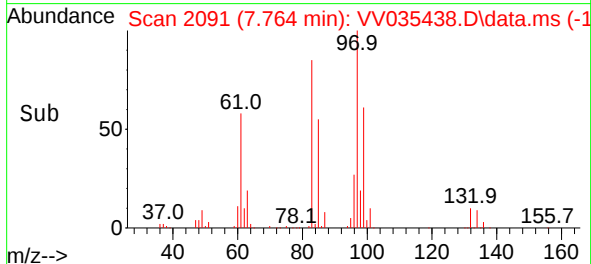
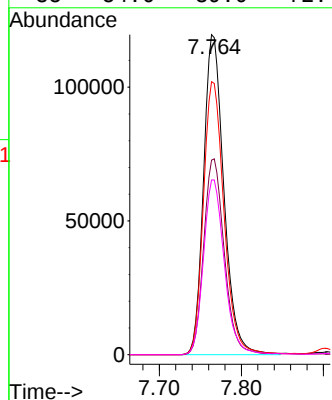
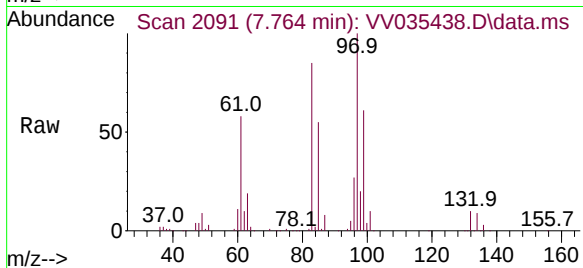


#45
1,1,2-Trichloroethane
Concen: 49.159 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 205730

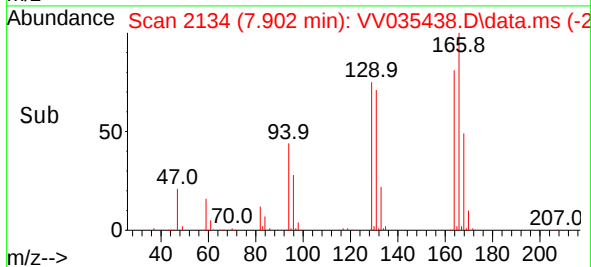
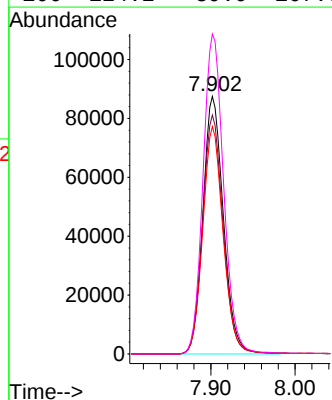
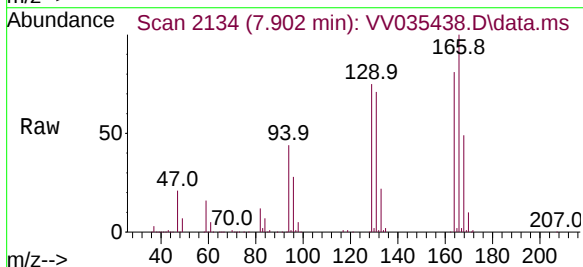
Ion	Ratio	Lower	Upper
97	100		
99	60.8	44.3	82.3
83	85.3	60.5	112.3
85	54.6	39.0	72.4

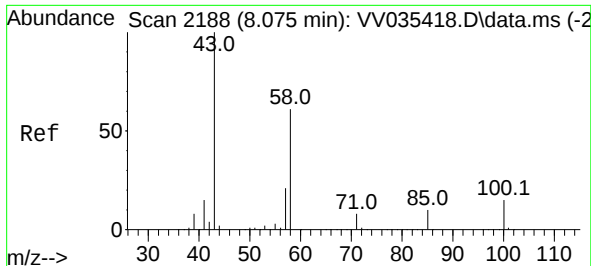


#46
Tetrachloroethene
Concen: 48.544 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Tgt Ion: 164 Resp: 148261

Ion	Ratio	Lower	Upper
164	100		
129	92.7	65.7	122.1
131	88.2	63.6	118.0
166	124.2	89.9	167.0





#48

2-Hexanone

Concen: 110.585 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.003 min

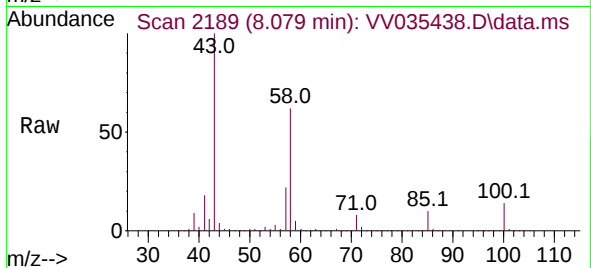
Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 449909

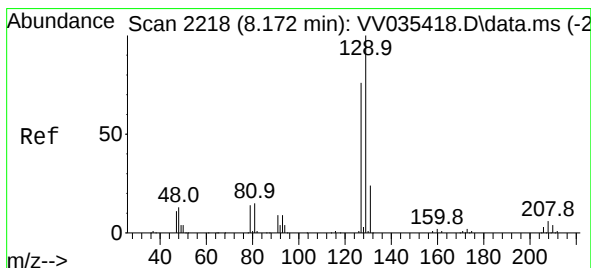
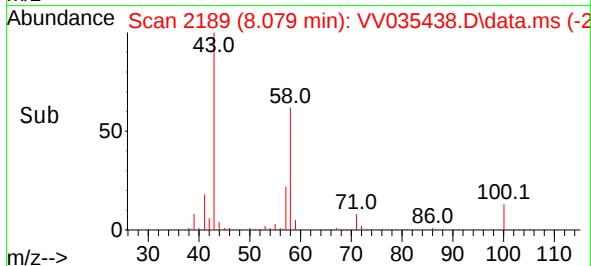
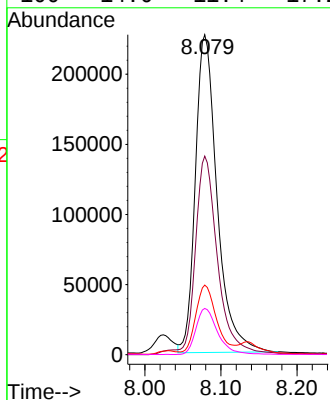
Ion Ratio Lower Upper

43 100

58 64.4 49.4 74.0

57 21.3 17.1 25.7

100 14.6 11.4 17.2



#49

Dibromochloromethane

Concen: 49.704 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV035438.D

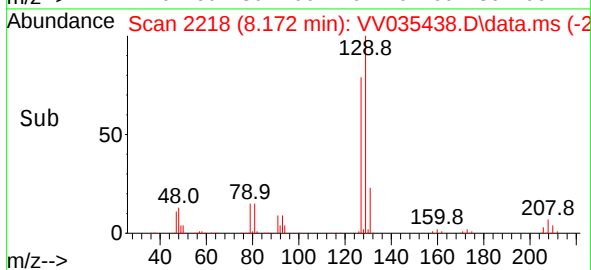
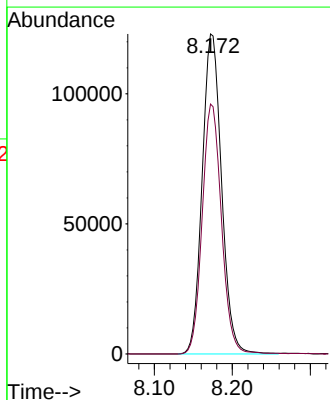
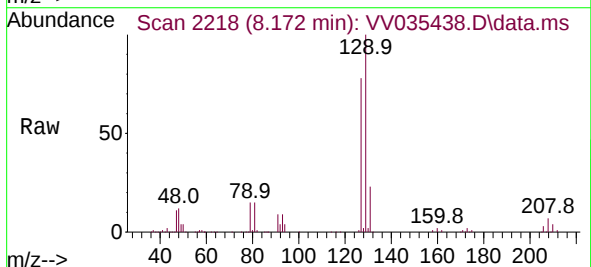
Acq: 26 Apr 2024 19:38

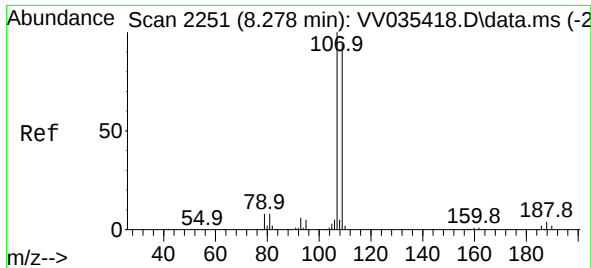
Tgt Ion: 129 Resp: 212644

Ion Ratio Lower Upper

129 100

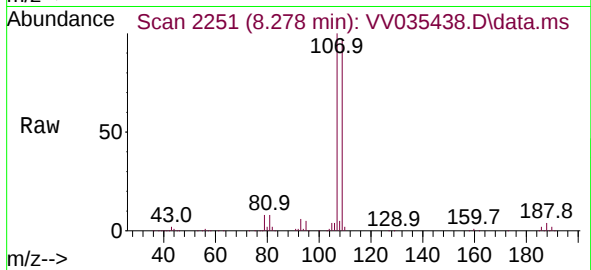
127 78.1 53.1 98.5



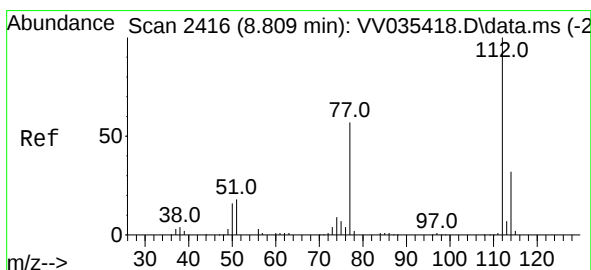
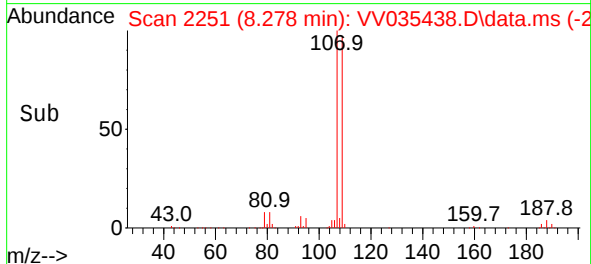
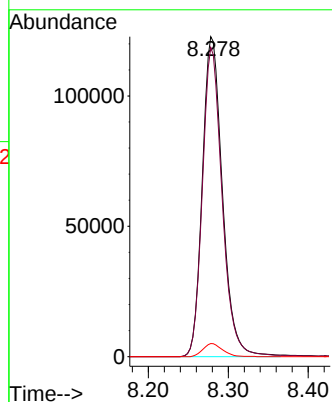


#50
1,2-Dibromoethane
Concen: 50.359 ug/L
RT: 8.278 min Scan# 214407
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Instrument :
MSVOA_V
ClientSampleId :

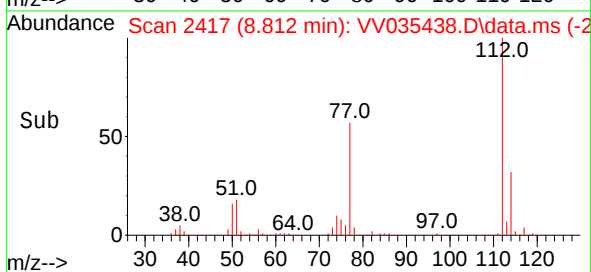
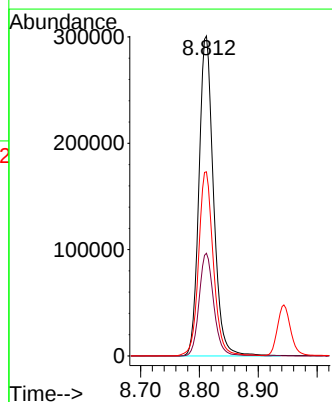
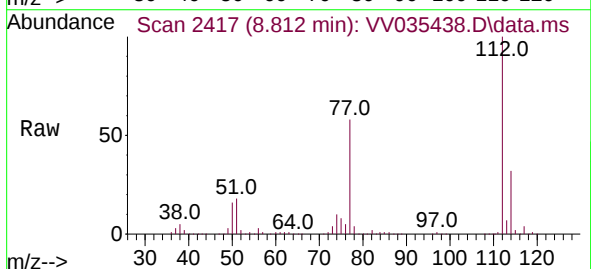


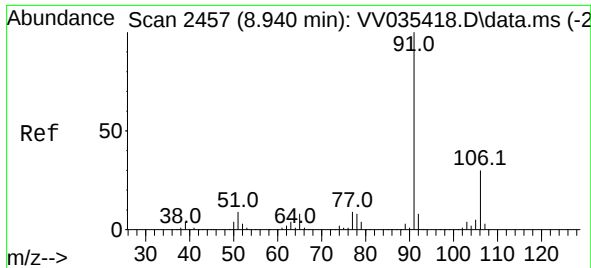
Tgt Ion:107 Resp: 214407
Ion Ratio Lower Upper
107 100
109 96.6 65.7 122.1
188 4.1 3.1 4.7



#51
Chlorobenzene
Concen: 48.635 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Tgt Ion:112 Resp: 515881
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 57.5 45.6 68.4





#52

Ethylbenzene

Concen: 50.947 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

Instrument :

MSVOA_V

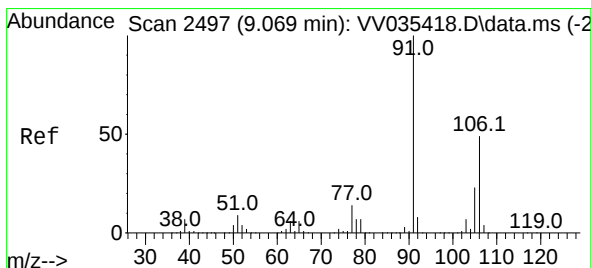
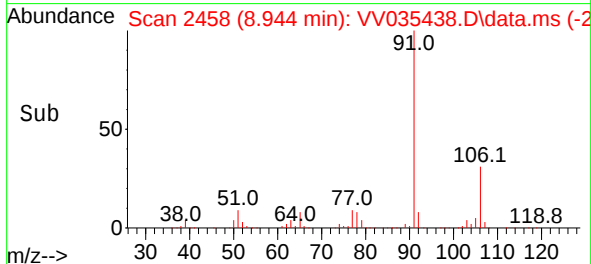
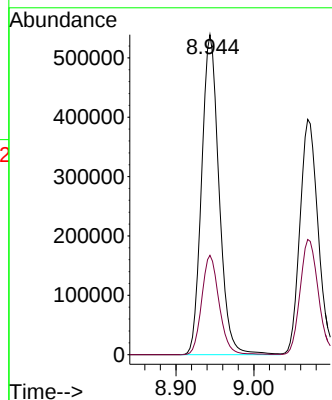
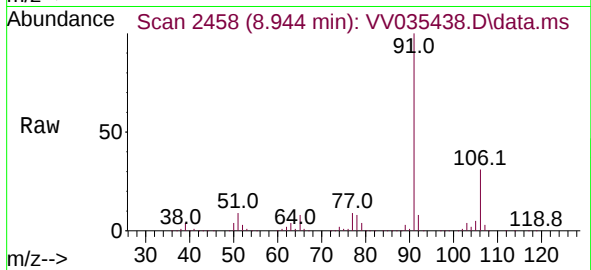
ClientSampleId :

Tgt Ion: 91 Resp: 837423

Ion Ratio Lower Upper

91 100

106 31.0 21.3 39.5



#53

m,p-Xylene

Concen: 50.728 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV035438.D

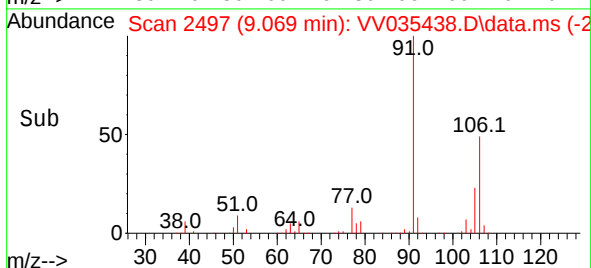
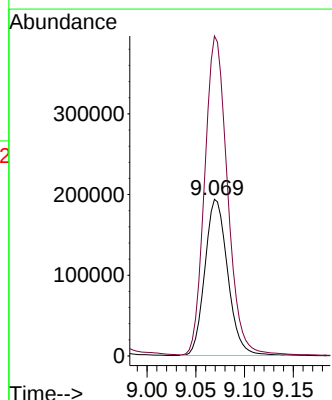
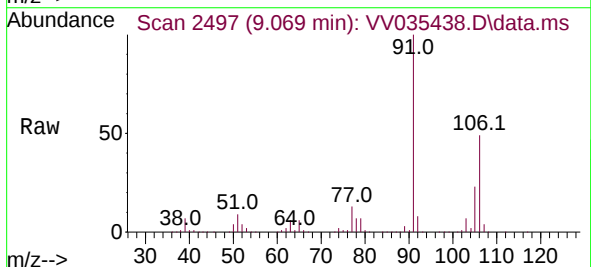
Acq: 26 Apr 2024 19:38

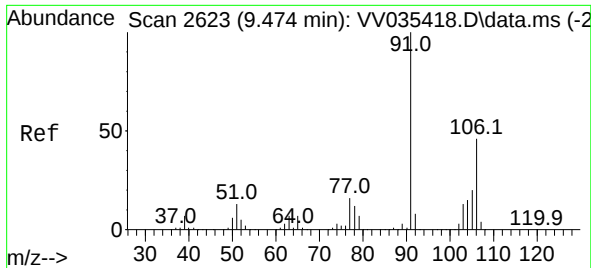
Tgt Ion:106 Resp: 315568

Ion Ratio Lower Upper

106 100

91 204.4 142.2 264.0

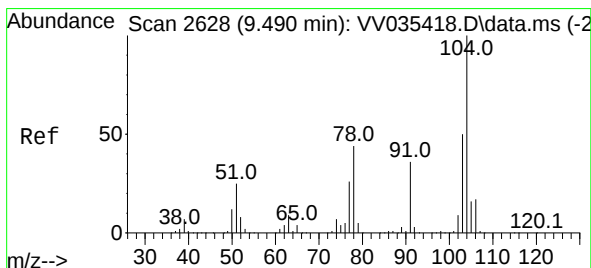
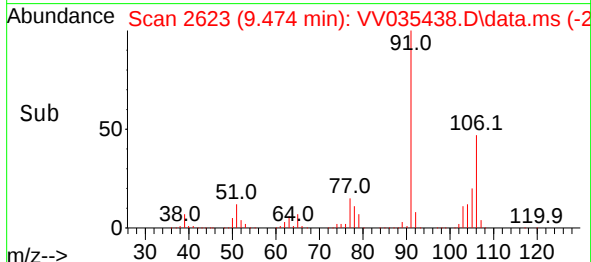
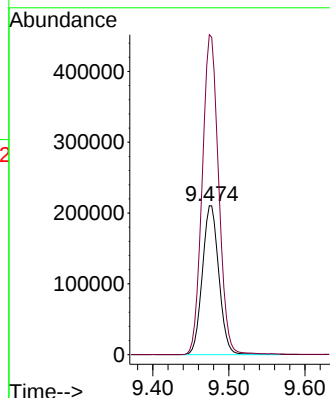
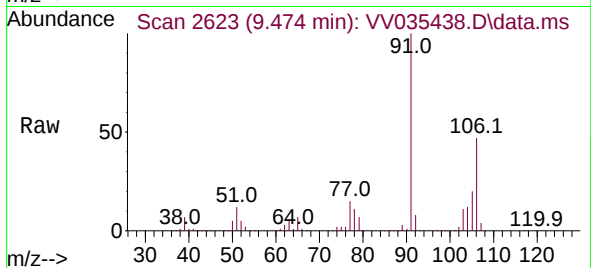




#54
o-Xylene
Concen: 52.189 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

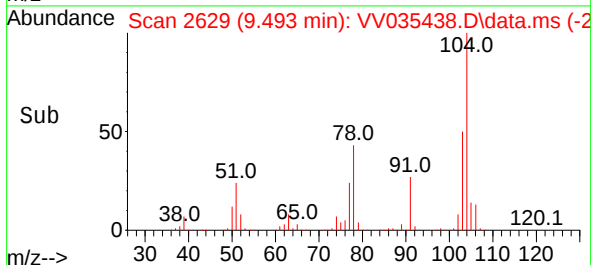
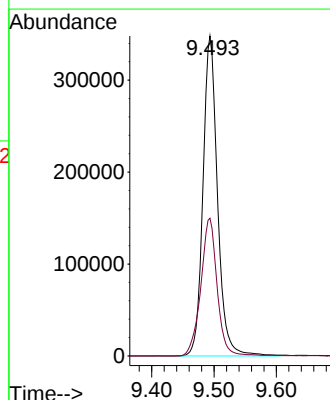
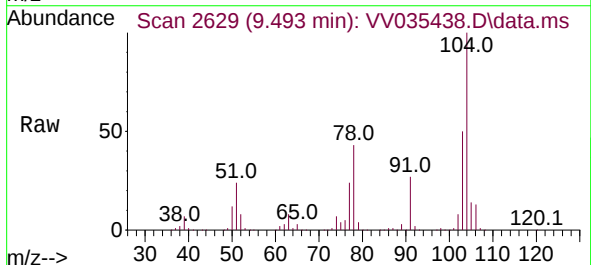
Instrument :
MSVOA_V
ClientSampleId :

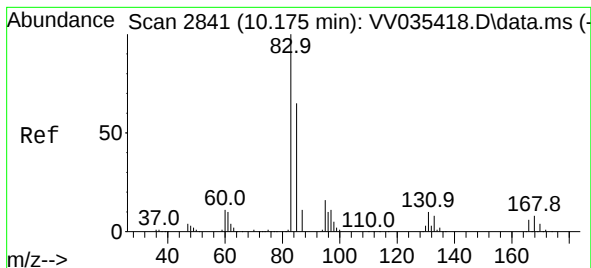
Tgt Ion:106 Resp: 317458
Ion Ratio Lower Upper
106 100
91 214.8 152.7 283.5



#55
Styrene
Concen: 53.945 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Tgt Ion:104 Resp: 565897
Ion Ratio Lower Upper
104 100
78 43.1 30.9 57.3

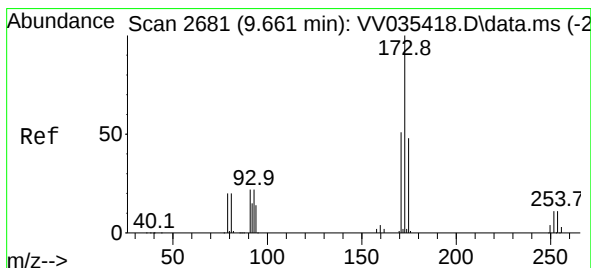
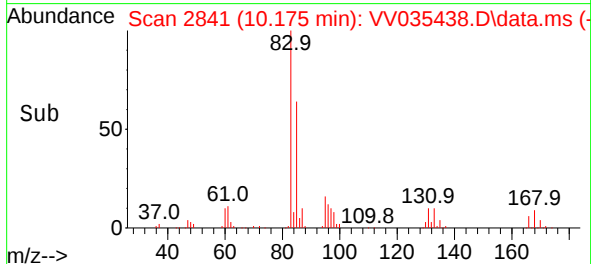
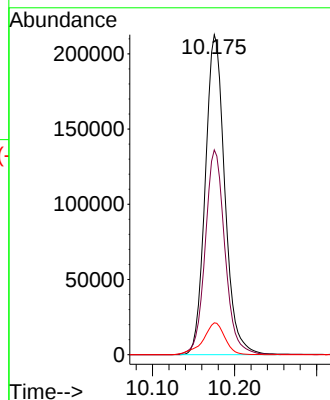
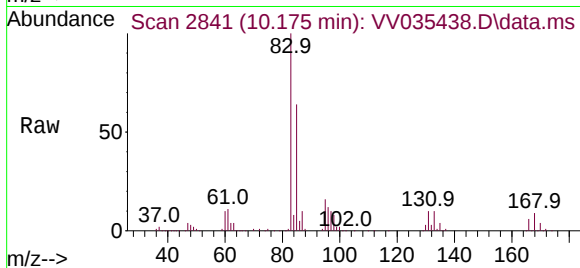




#57
1,1,2,2-Tetrachloroethane
Concen: 51.742 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

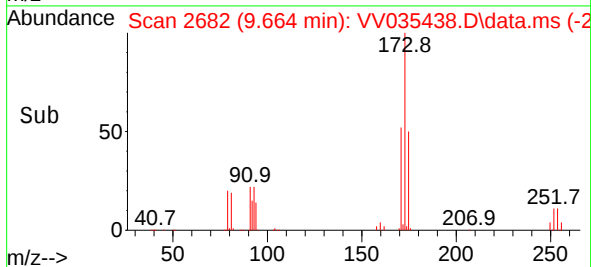
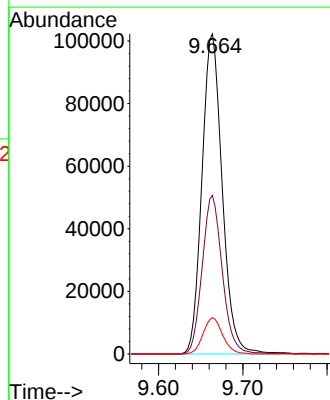
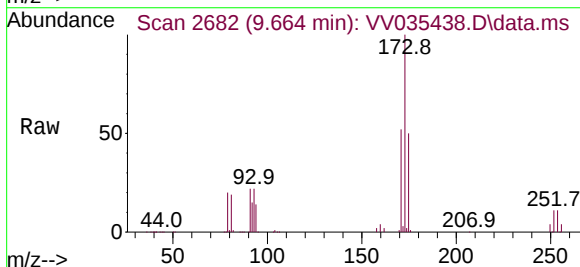
Instrument :
MSVOA_V
ClientSampleId :

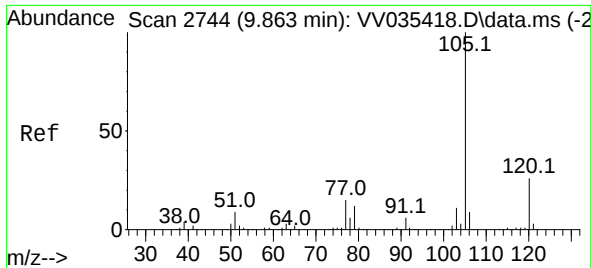
Tgt Ion: 83 Resp: 351996
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.2
131 9.9 7.9 11.9



#59
Bromoform
Concen: 49.937 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Tgt Ion: 173 Resp: 171280
Ion Ratio Lower Upper
173 100
175 49.1 38.6 58.0
254 10.9 8.7 13.1

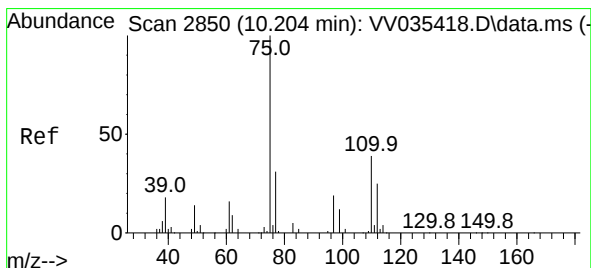
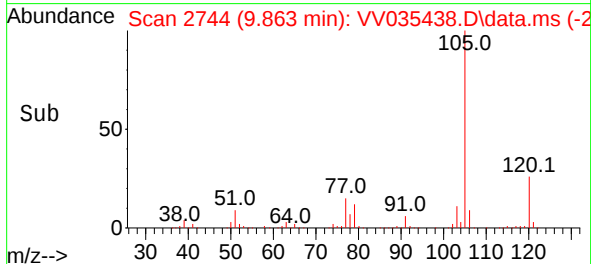
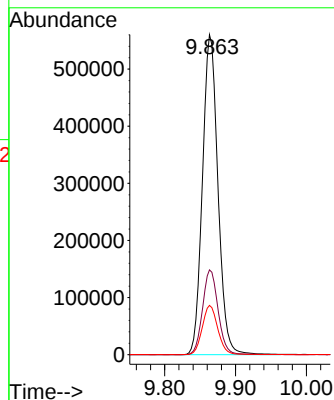
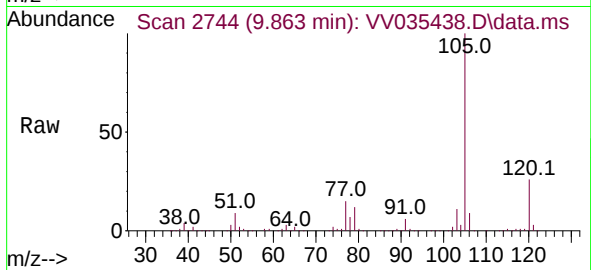




#60
Isopropylbenzene
Concen: 51.326 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

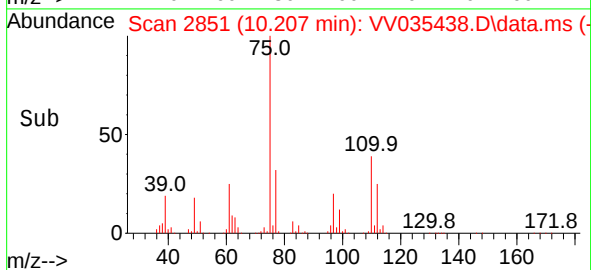
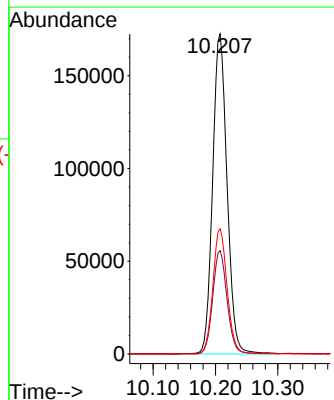
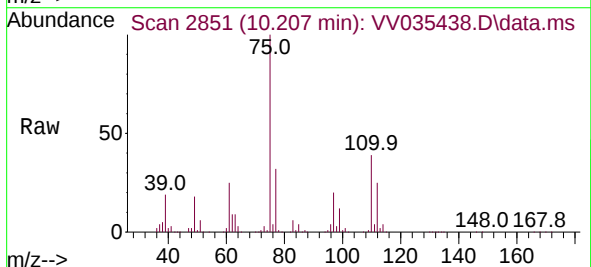
Instrument :
MSVOA_V
ClientSampleId :

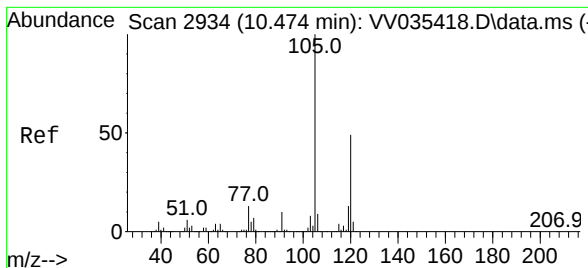
Tgt Ion:105 Resp: 850703
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 15.4 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 51.293 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Tgt Ion: 75 Resp: 277373
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 38.7 31.2 46.8

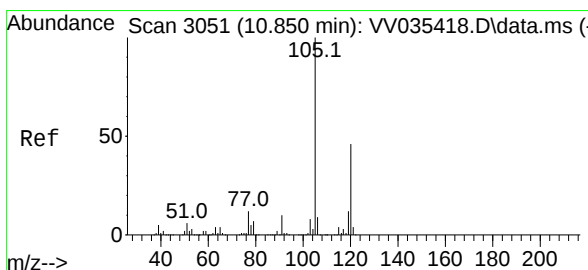
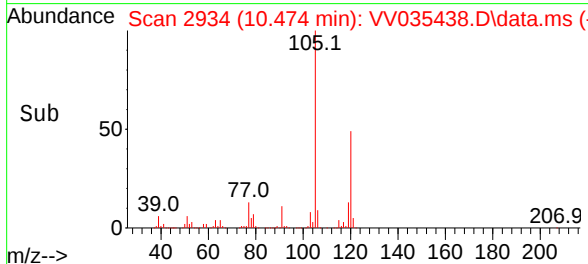
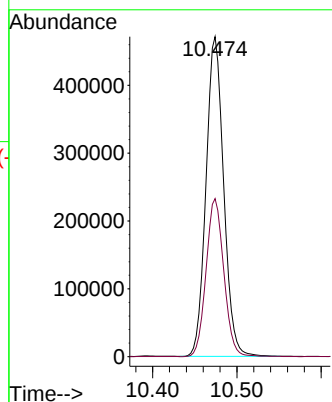
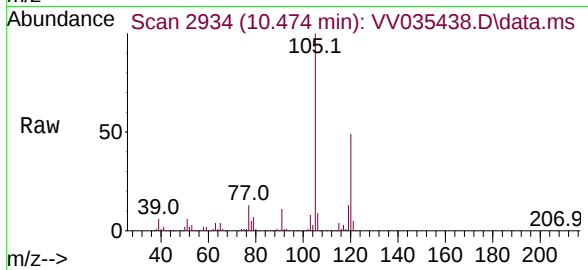




#62
1,3,5-Trimethylbenzene
Concen: 51.587 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

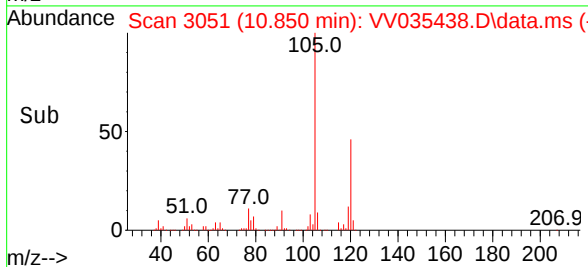
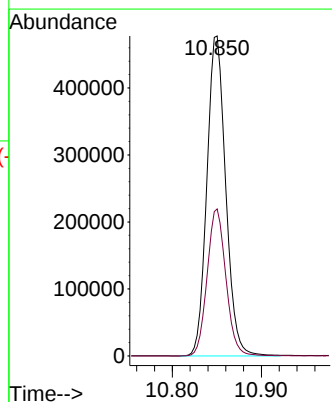
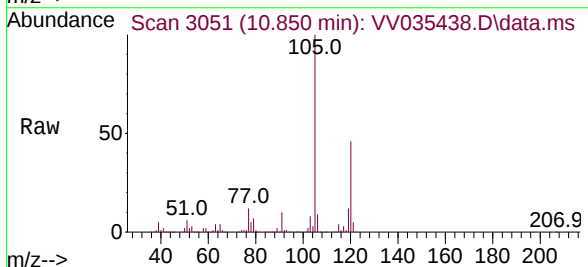
Instrument :
MSVOA_V
ClientSampleId :

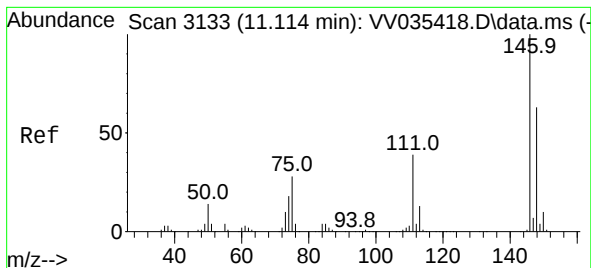
Tgt Ion:105 Resp: 688820
Ion Ratio Lower Upper
105 100
120 49.7 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 53.567 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV035438.D
Acq: 26 Apr 2024 19:38

Tgt Ion:105 Resp: 700282
Ion Ratio Lower Upper
105 100
120 45.8 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 50.025 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

Instrument :

MSVOA_V

ClientSampleId :

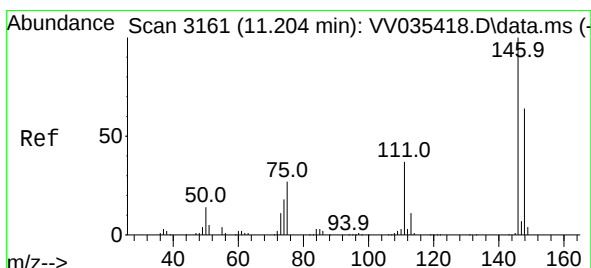
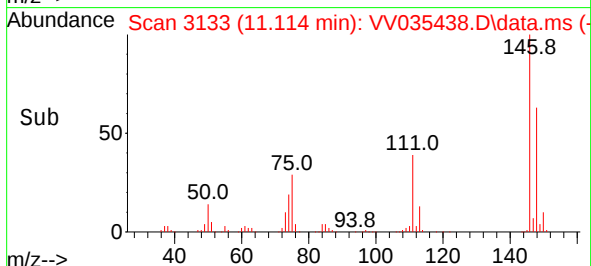
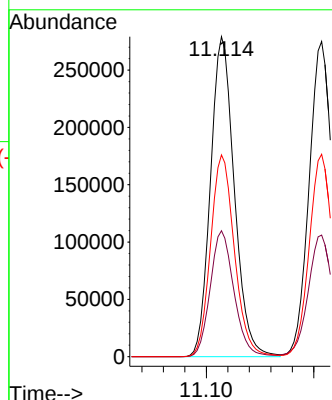
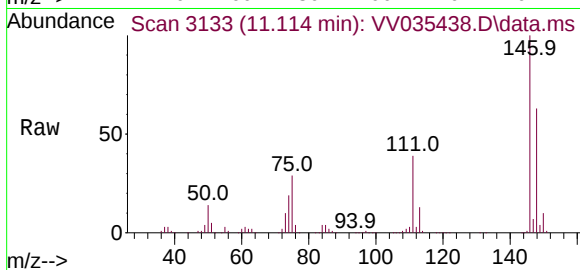
Tgt Ion:146 Resp: 429529

Ion Ratio Lower Upper

146 100

111 39.4 27.0 50.2

148 63.1 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 48.113 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

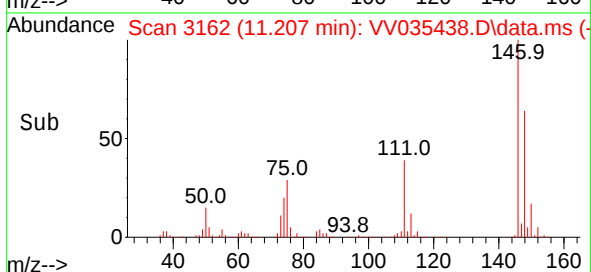
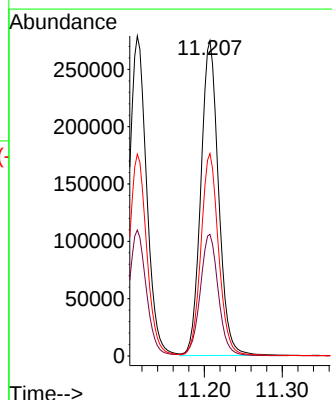
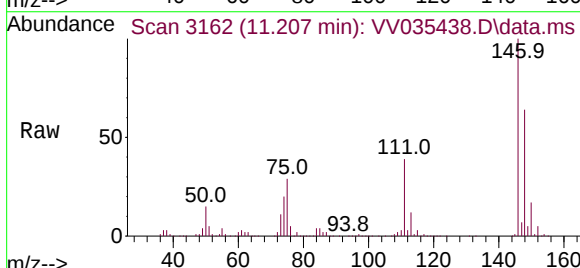
Tgt Ion:146 Resp: 433313

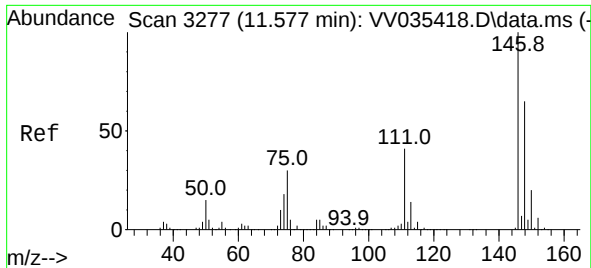
Ion Ratio Lower Upper

146 100

111 38.6 26.5 49.1

148 64.2 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 49.902 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

Instrument :

MSVOA_V

ClientSampleId :

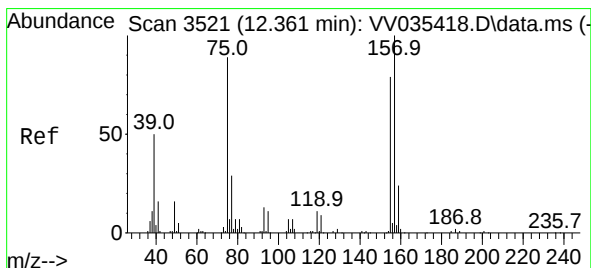
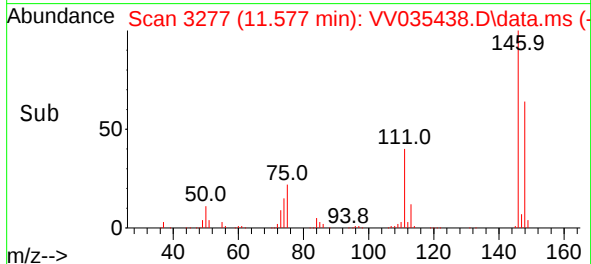
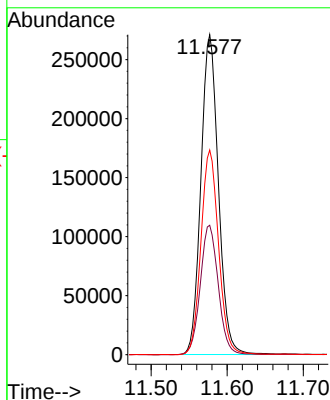
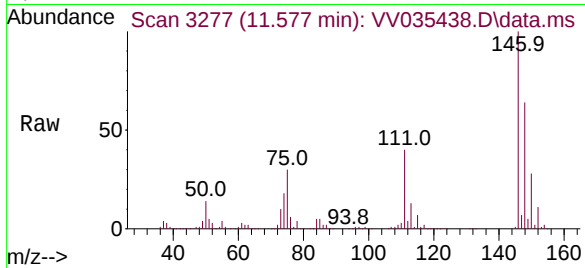
Tgt Ion:146 Resp: 434114

Ion Ratio Lower Upper

146 100

111 40.4 33.3 49.9

148 64.0 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 55.415 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

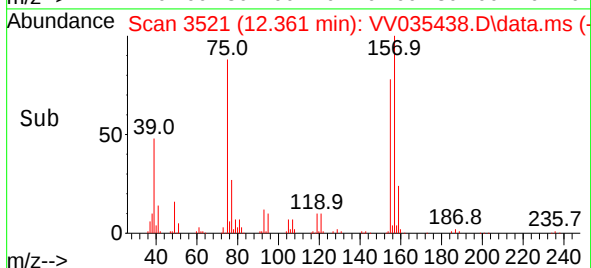
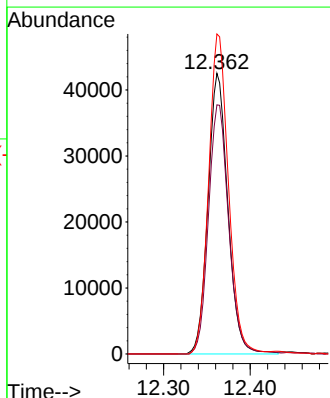
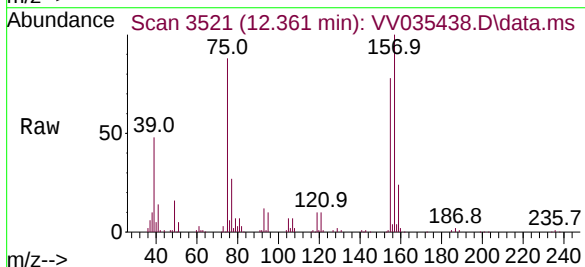
Tgt Ion: 75 Resp: 67796

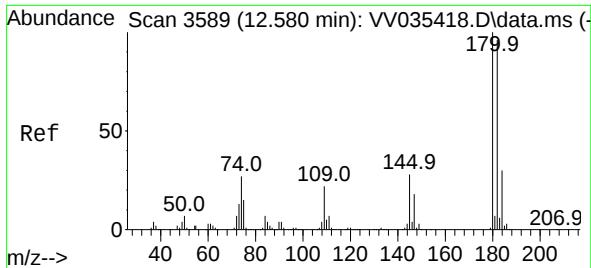
Ion Ratio Lower Upper

75 100

155 88.8 70.6 106.0

157 114.0 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 49.121 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

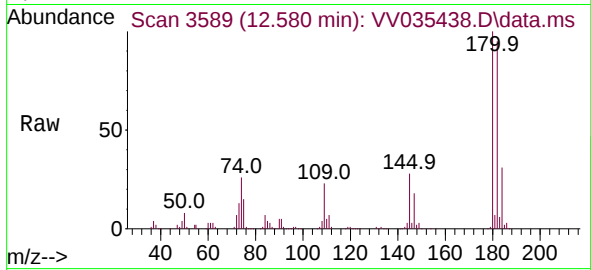
Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 298835

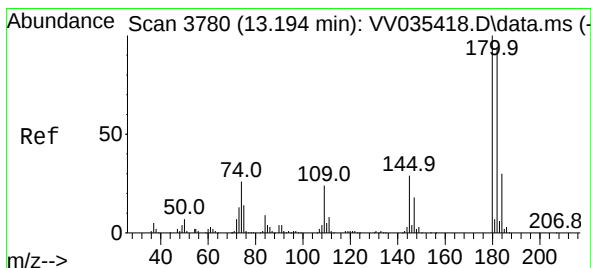
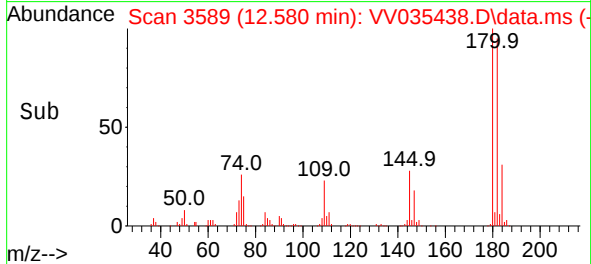
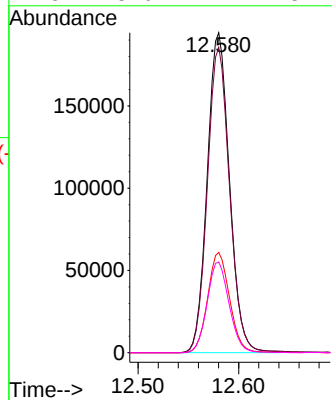
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

184 31.0 23.8 35.6

145 28.0 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 50.603 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

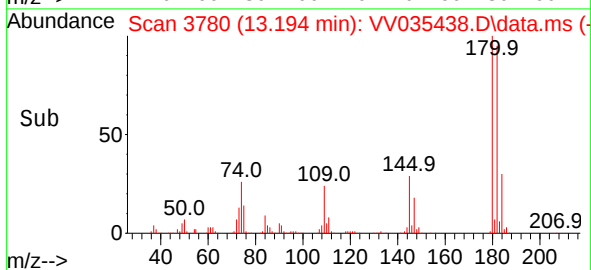
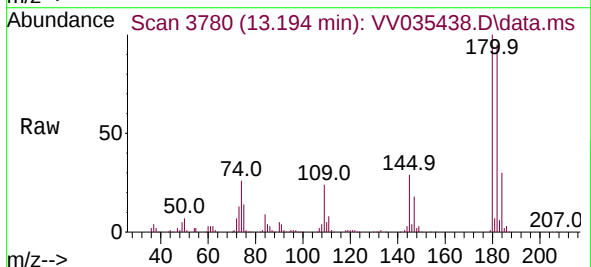
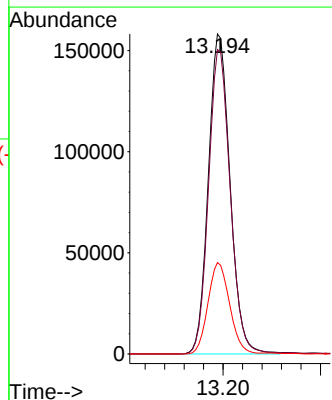
Tgt Ion:180 Resp: 244383

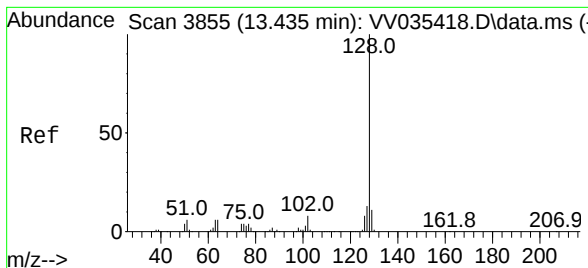
Ion Ratio Lower Upper

180 100

182 95.1 75.1 112.7

145 28.5 23.2 34.8





#71

Naphthalene

Concen: 60.219 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

Instrument :

MSVOA_V

ClientSampleId :

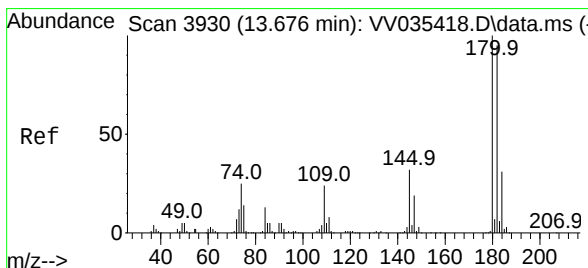
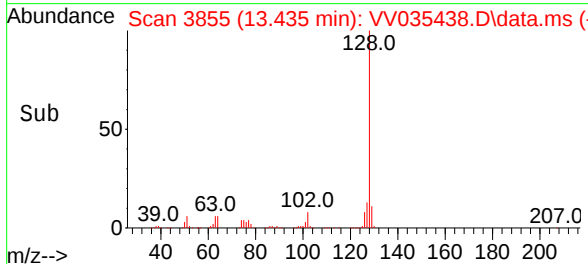
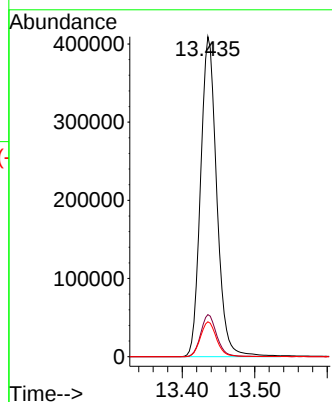
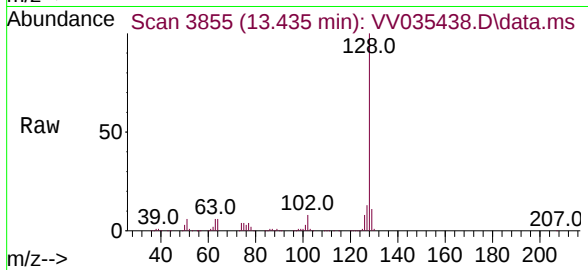
Tgt Ion:128 Resp: 634457

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 53.484 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035438.D

Acq: 26 Apr 2024 19:38

Tgt Ion:180 Resp: 251685

Ion Ratio Lower Upper

180 100

182 95.4 76.6 115.0

145 31.1 24.7 37.1

