

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034848.D
 Acq On : 26 Mar 2024 23:27
 Operator : SY/MD
 Sample : P1851-10MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0LX7MSD

Quant Time: Mar 27 01:40:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:34:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	373712	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	367154	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	188580	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	153880	42.636	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.280%
7) Chloroethane-d5	1.529	69	143881	45.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.060	65	66398	41.969	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.940%
21) 2-Butanone-d5	3.783	46	198824	92.886	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.890%
24) Chloroform-d	4.246	84	274378	45.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.440%
26) 1,2-Dichloroethane-d4	4.940	65	170115	44.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.320%
32) Benzene-d6	4.960	84	539421	43.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.480%
36) 1,2-Dichloropropane-d6	5.985	67	170566	43.553	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.100%
41) Toluene-d8	7.243	98	489106	44.037	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.080%
43) trans-1,3-Dichloroprop...	7.551	79	81642	42.882	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.760%
47) 2-Hexanone-d5	8.021	63	140902	95.160	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.160%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	246386	45.686	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.380%
66) 1,2-Dichlorobenzene-d4	11.558	152	185818	43.887	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	123876	45.735	ug/L	99
3) Chloromethane	1.214	50	155531	44.666	ug/L	99
5) Vinyl chloride	1.285	62	169991	46.567	ug/L	99
6) Bromomethane	1.487	94	137167	50.128	ug/L	100
8) Chloroethane	1.548	64	116884	46.883	ug/L	100
9) Trichlorofluoromethane	1.712	101	229352	47.870	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	132176	45.072	ug/L	98
12) 1,1-Dichloroethene	2.069	96	133377	47.554	ug/L	94
13) Acetone	2.117	43	143142	72.840	ug/L	100
14) Carbon disulfide	2.243	76	368009	46.593	ug/L	99
15) Methyl Acetate	2.371	43	140403	45.338	ug/L	99
16) Methylene chloride	2.445	84	141558	46.580	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	129736	47.844	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	449004	47.142	ug/L	100
19) 1,1-Dichloroethane	3.111	63	261739	47.069	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	147882	48.026	ug/L	96
22) 2-Butanone	3.867	43	191106	83.806	ug/L	97
23) Bromochloromethane	4.146	128	73785	47.894	ug/L	97
25) Chloroform	4.275	83	261156	47.502	ug/L	98

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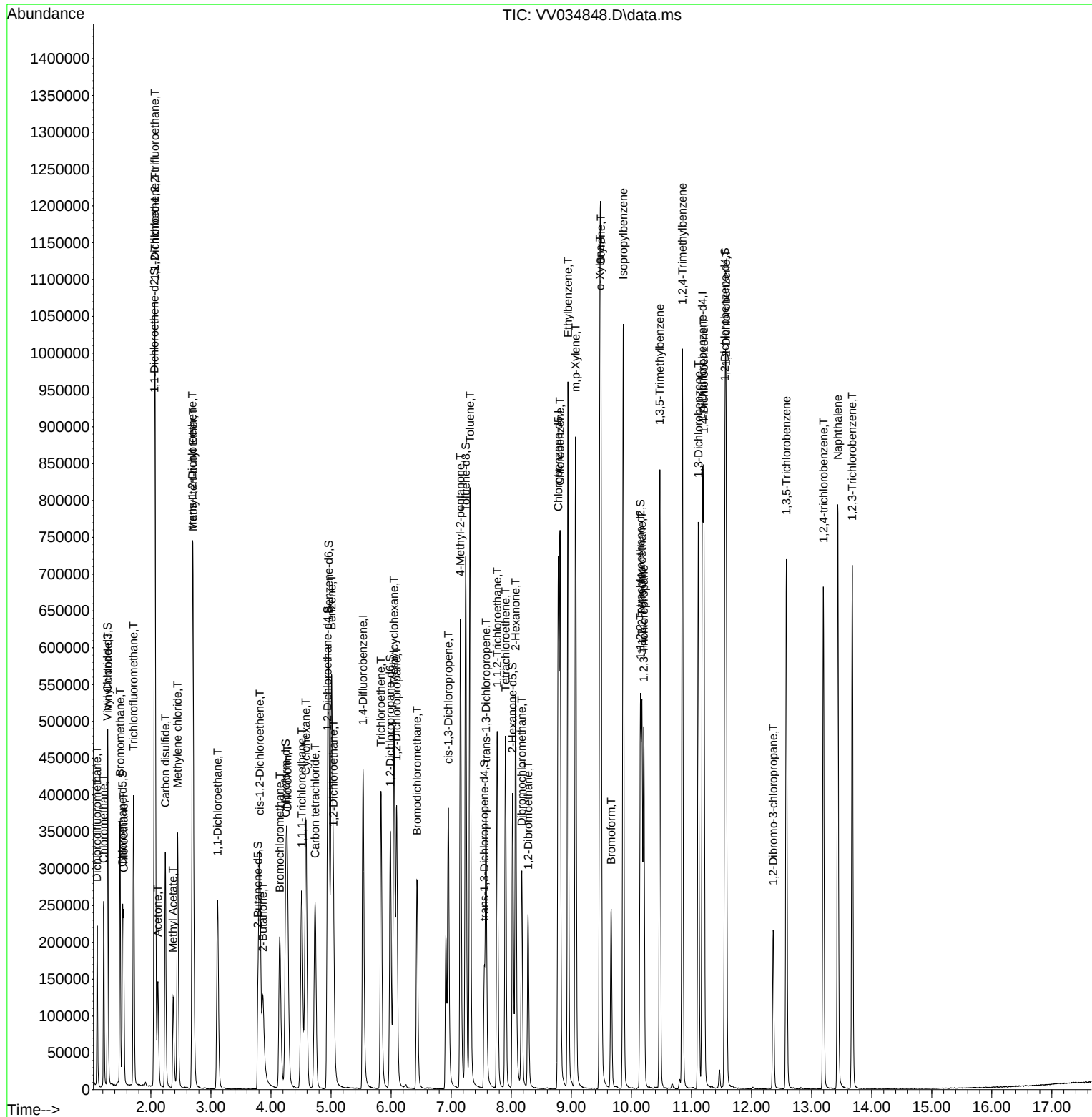
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	210598	48.112	ug/L	98
29) Cyclohexane	4.580	56	208477	45.335	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	223848	46.773	ug/L	100
31) Carbon tetrachloride	4.735	117	189650	46.753	ug/L	100
33) Benzene	5.008	78	557096	46.532	ug/L	100
34) Trichloroethene	5.831	95	146615	45.377	ug/L	98
35) Methylcyclohexane	6.050	83	210264	43.090	ug/L	99
37) 1,2-Dichloropropane	6.092	63	154054	46.562	ug/L	100
38) Bromodichloromethane	6.432	83	198172	46.422	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	233217	44.745	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	402639	95.315	ug/L	99
42) Toluene	7.313	91	592880	47.301	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	225149	47.019	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	145063	46.517	ug/L	99
46) Tetrachloroethene	7.905	164	102868	45.570	ug/L	99
48) 2-Hexanone	8.072	43	329363	91.673	ug/L	97
49) Dibromochloromethane	8.175	129	146516	47.437	ug/L	98
50) 1,2-Dibromoethane	8.281	107	156446	46.597	ug/L	97
51) Chlorobenzene	8.812	112	387849	47.743	ug/L	99
52) Ethylbenzene	8.944	91	652753	46.989	ug/L	100
53) m,p-Xylene	9.072	106	243243	47.548	ug/L	97
54) o-Xylene	9.477	106	238343	47.087	ug/L	98
55) Styrene	9.493	104	410755	48.020	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	246700	48.826	ug/L	99
59) Bromoform	9.664	173	102386	47.377	ug/L	99
60) Isopropylbenzene	9.866	105	647716	47.643	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	194511	47.599	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	421247	47.710	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	524212	48.021	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	294861	46.411	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	301322	46.639	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	298215	47.119	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	53855	47.837	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	207318	45.278	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	196948	46.826	ug/L	100
71) Naphthalene	13.435	128	594531	50.950	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	202853	48.929	ug/L	100

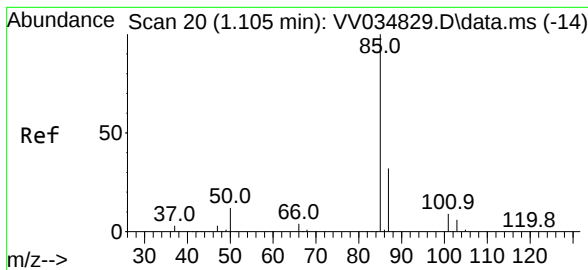
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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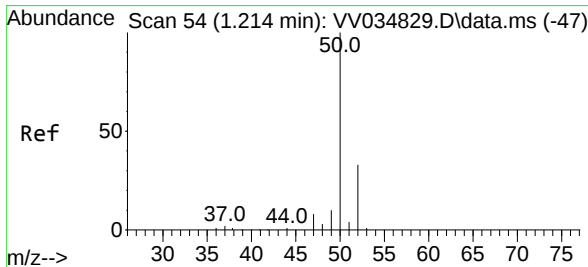
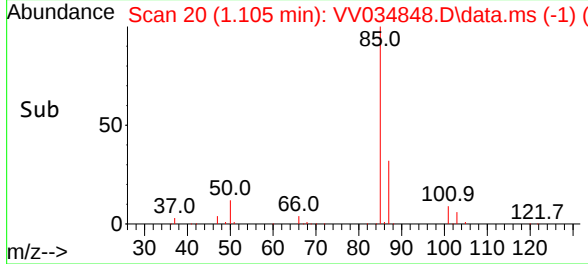
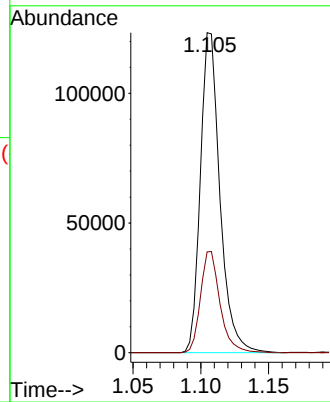
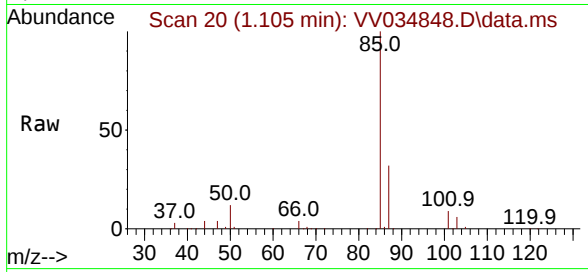




#2
 Dichlorodifluoromethane
 Concen: 45.735 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV034848.D
 Acq: 26 Mar 2024 23:27

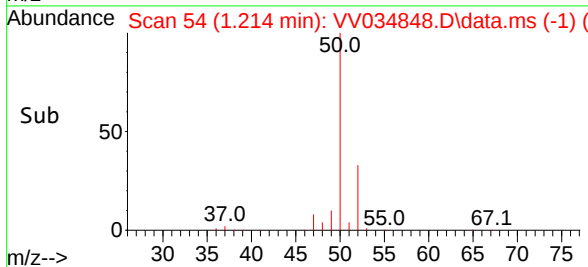
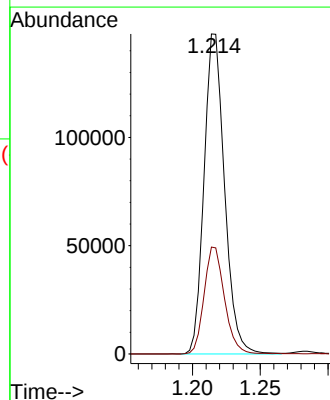
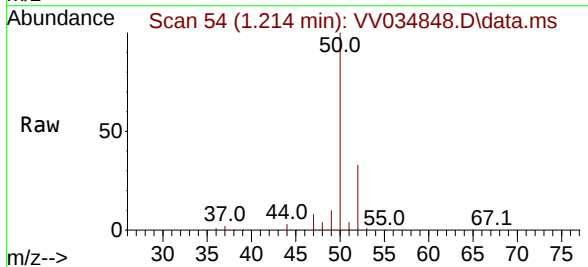
Instrument :
 MSVOA_V
 ClientSampleId :
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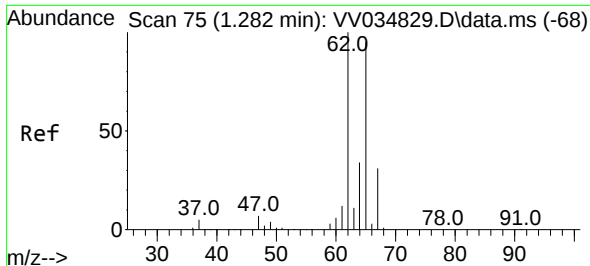
Tgt Ion: 85 Resp: 123876
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.7 38.5



#3
 Chloromethane
 Concen: 44.666 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV034848.D
 Acq: 26 Mar 2024 23:27

Tgt Ion: 50 Resp: 155531
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.0 42.8

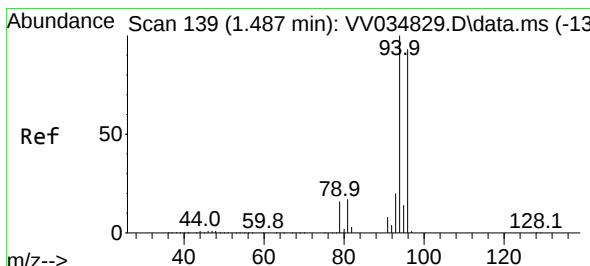
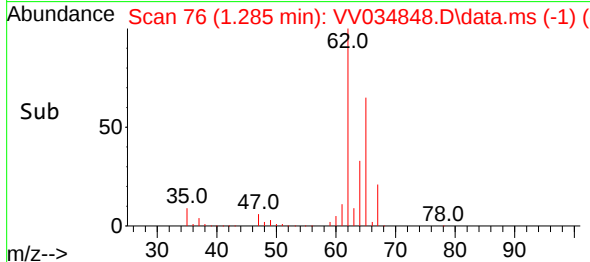
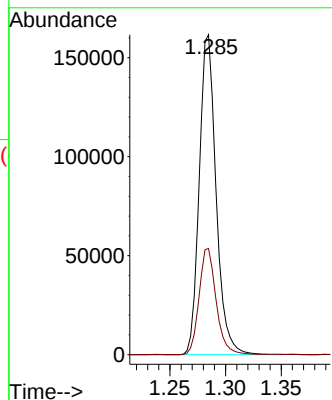
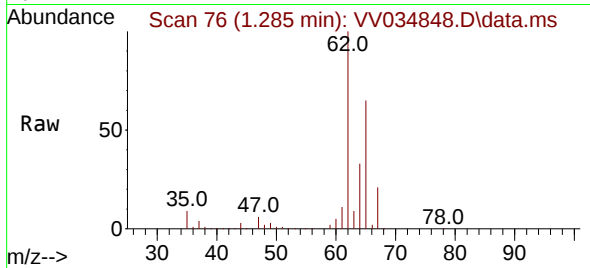




#5
 Vinyl chloride
 Concen: 46.567 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV034848.D
 Acq: 26 Mar 2024 23:27

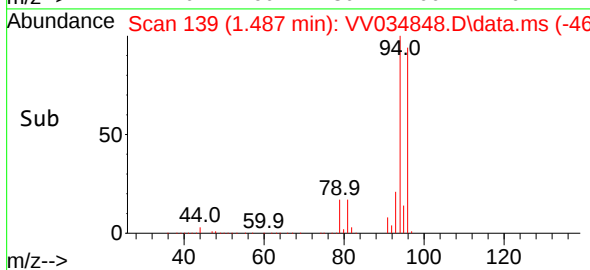
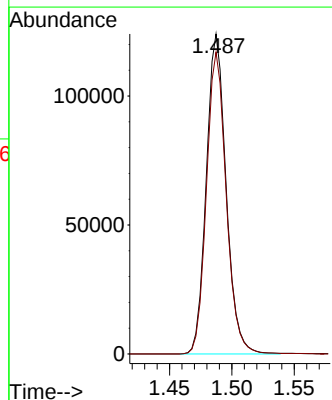
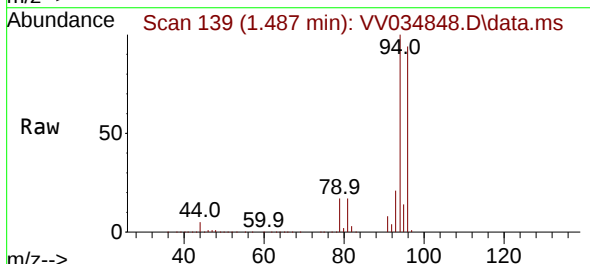
Instrument :
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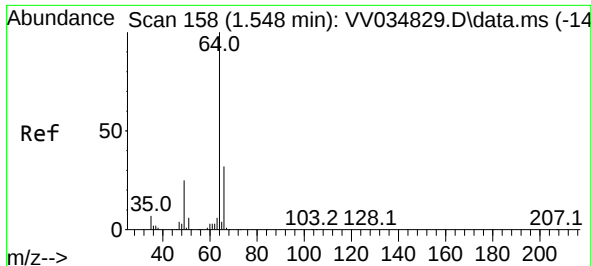
Tgt Ion: 62 Resp: 169991
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.6 43.8



#6
 Bromomethane
 Concen: 50.128 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV034848.D
 Acq: 26 Mar 2024 23:27

Tgt Ion: 94 Resp: 137167
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.3 123.1

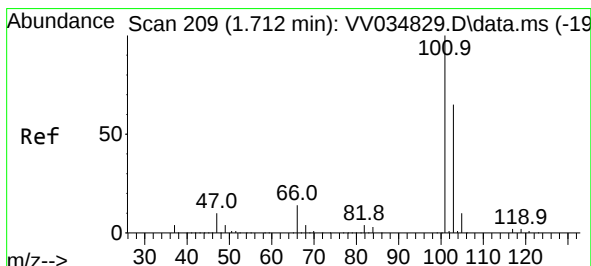
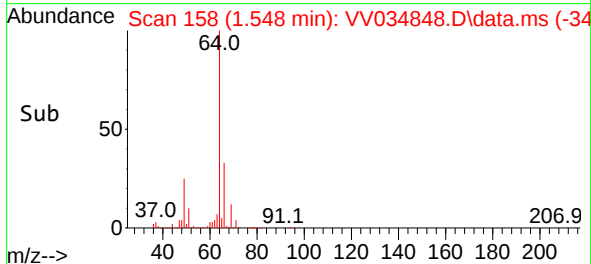
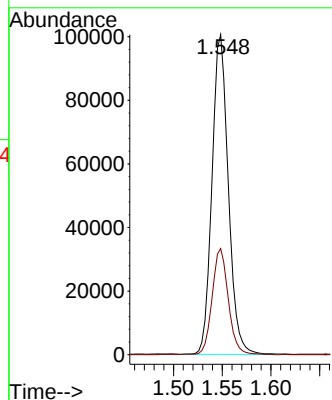
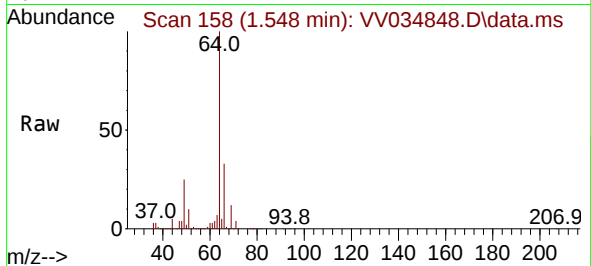




#8
Chloroethane
Concen: 46.883 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

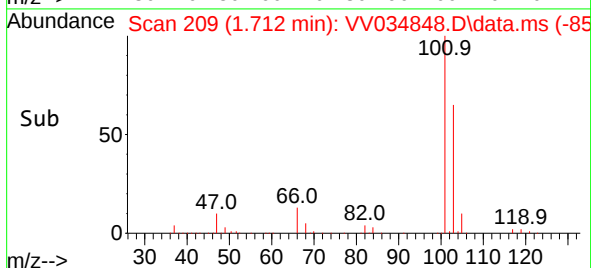
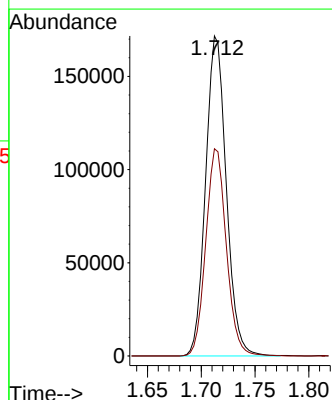
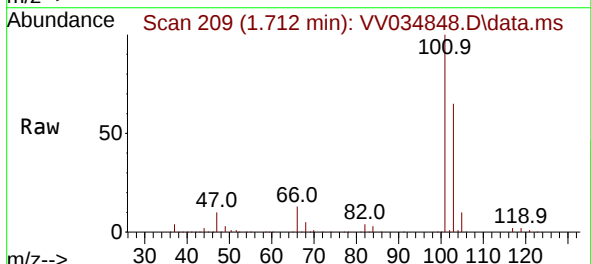
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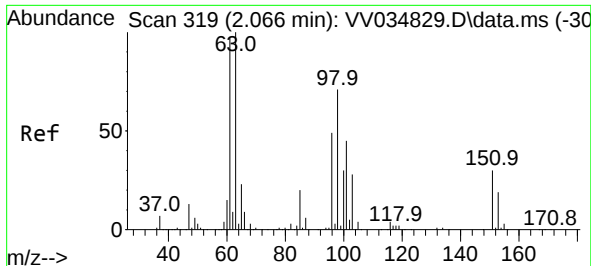
Tgt Ion: 64 Resp: 116884
Ion Ratio Lower Upper
64 100
66 33.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 47.870 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Tgt Ion:101 Resp: 229352
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

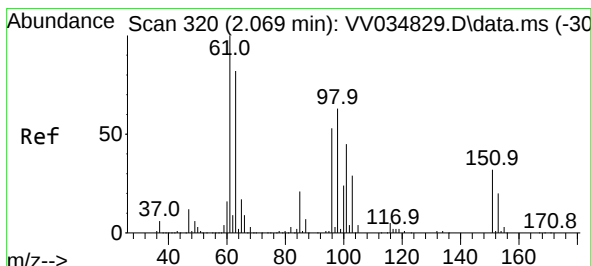
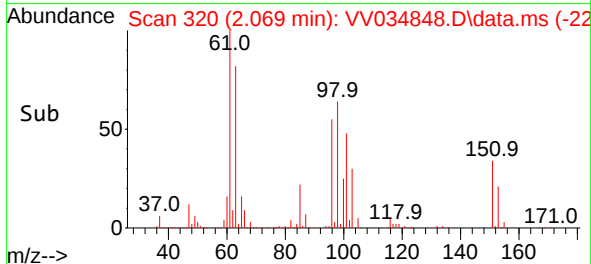
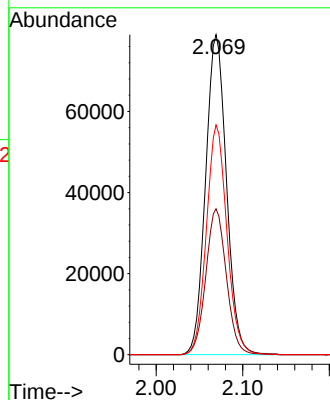
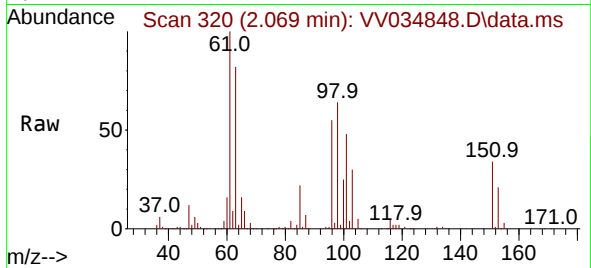




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.072 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

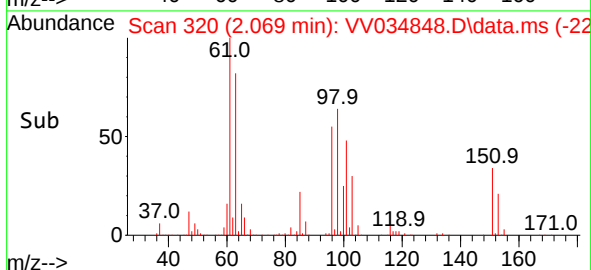
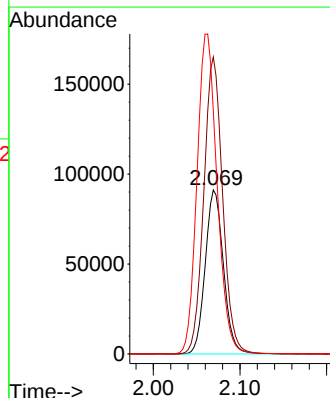
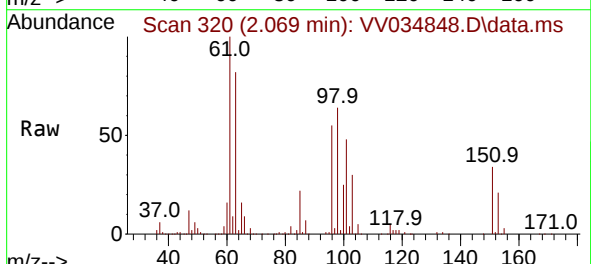
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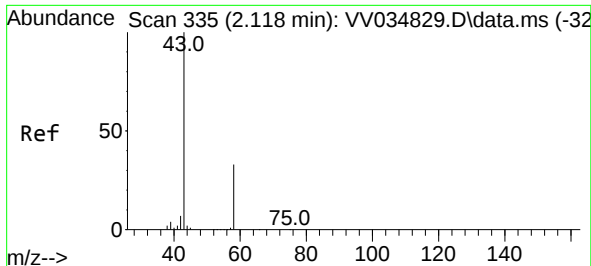
Tgt Ion:101 Resp: 132176
Ion Ratio Lower Upper
101 100
85 45.0 35.3 52.9
151 70.8 55.0 82.4



#12
1,1-Dichloroethene
Concen: 47.554 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Tgt Ion: 96 Resp: 133377
Ion Ratio Lower Upper
96 100
61 181.1 131.5 244.3
63 148.2 111.4 206.8





#13

Acetone

Concen: 72.840 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

Instrument :

MSVOA_V

ClientSampleId :

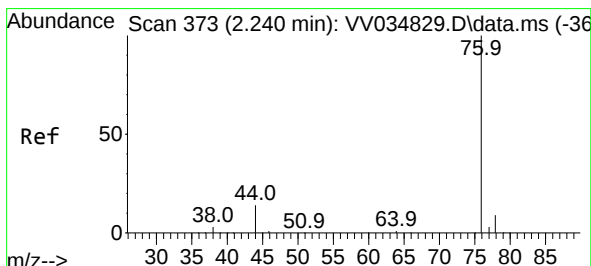
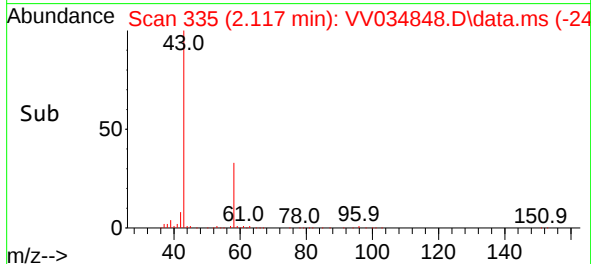
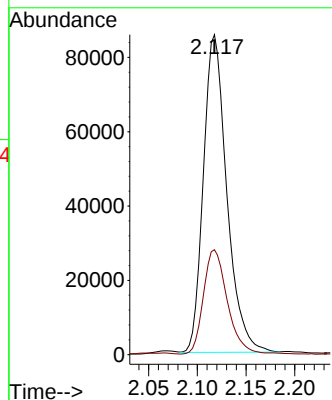
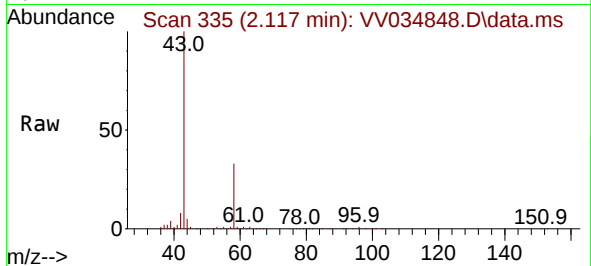
E0LX7MSD

Tgt Ion: 43 Resp: 143142

Ion Ratio Lower Upper

43 100

58 33.2 0.0 66.0



#14

Carbon disulfide

Concen: 46.593 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

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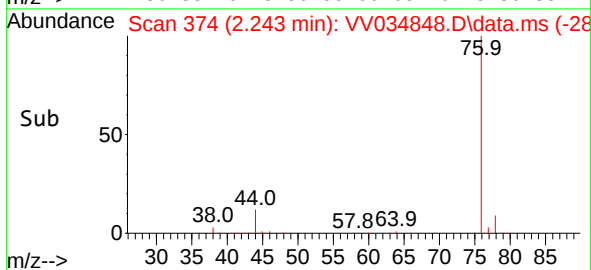
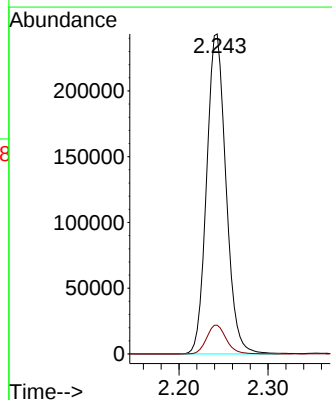
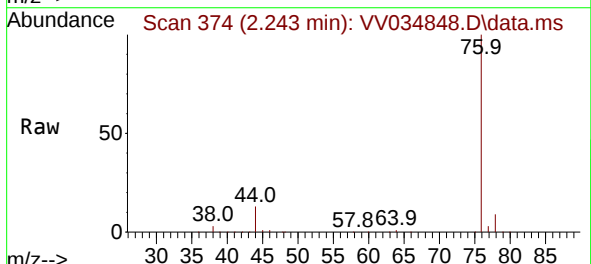
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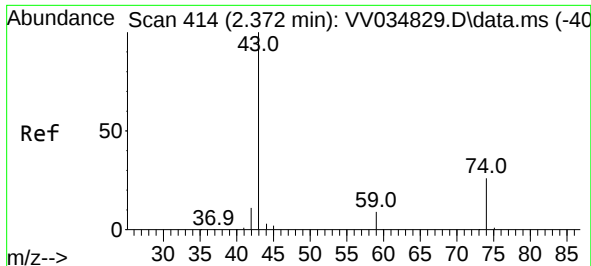
Tgt Ion: 76 Resp: 368009

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

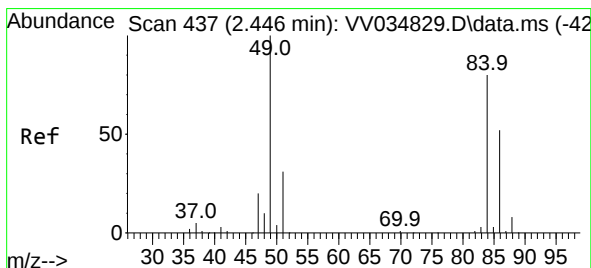
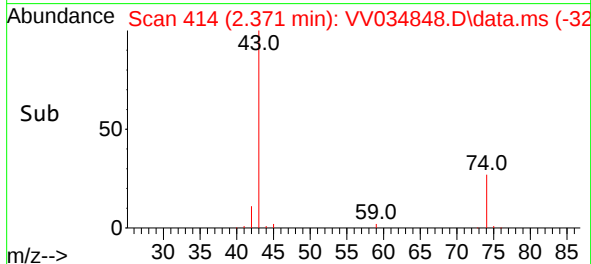
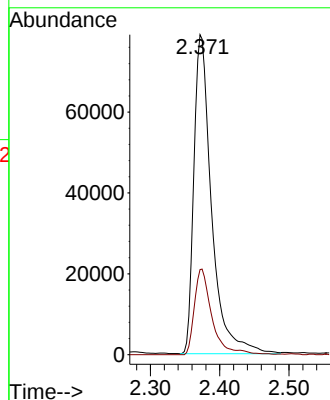
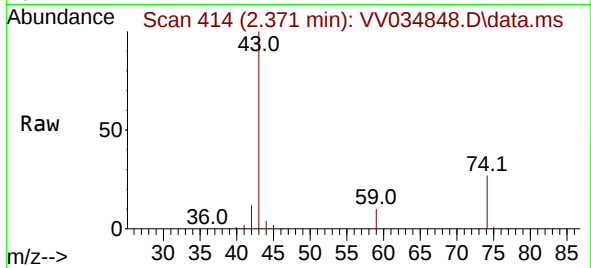




#15
Methyl Acetate
Concen: 45.338 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

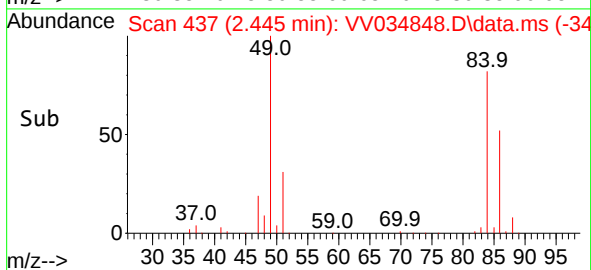
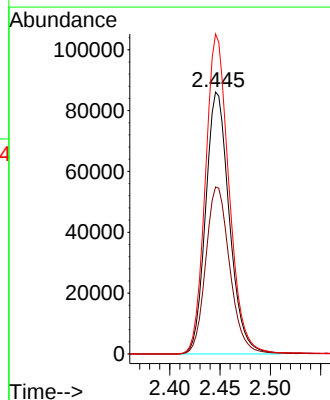
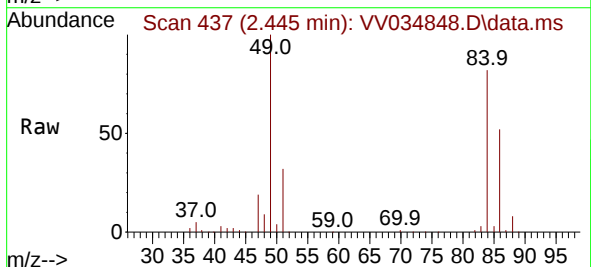
Instrument :
MSVOA_V
ClientSampleId :
E0LX7MSD

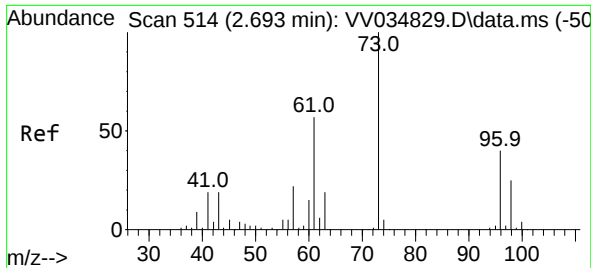
Tgt Ion: 43 Resp: 140403
Ion Ratio Lower Upper
43 100
74 25.5 19.8 29.8



#16
Methylene chloride
Concen: 46.580 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Tgt Ion: 84 Resp: 141558
Ion Ratio Lower Upper
84 100
86 63.8 44.6 82.8
49 122.2 86.9 161.3

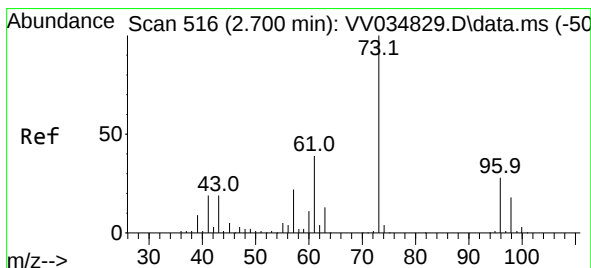
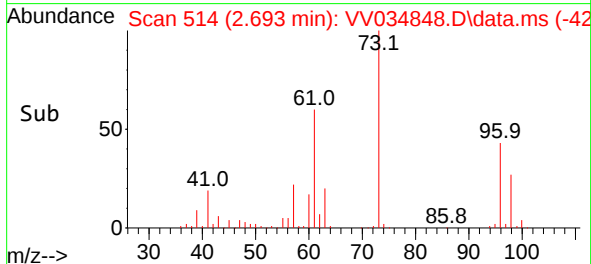
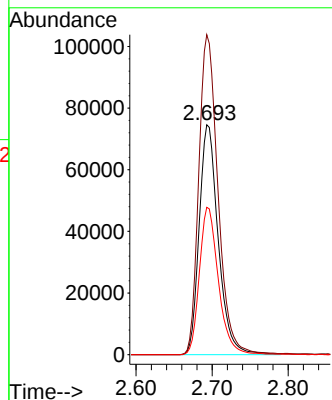
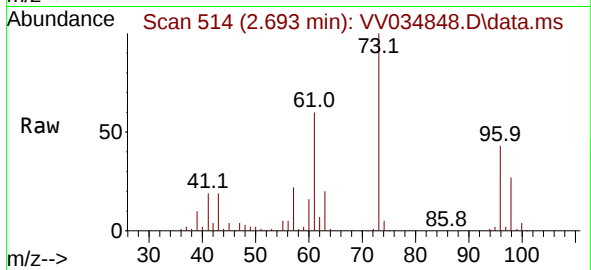




#17
trans-1,2-Dichloroethene
Concen: 47.844 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

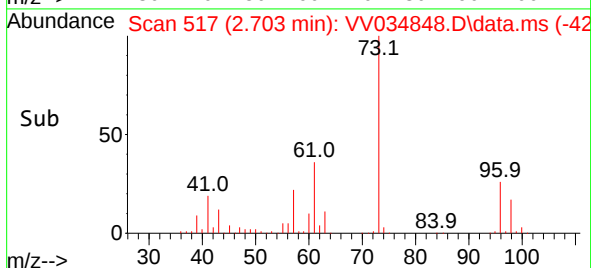
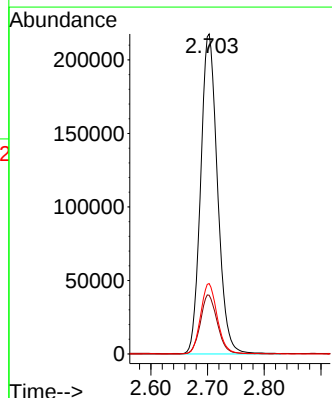
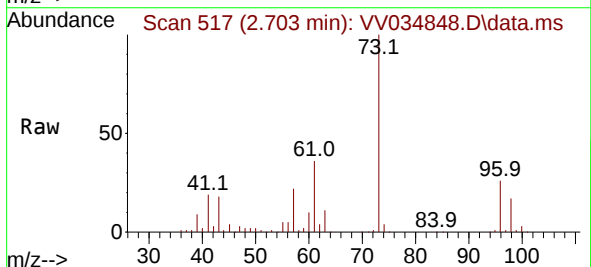
Instrument :
MSVOA_V
ClientSampleId :
E0LX7MSD

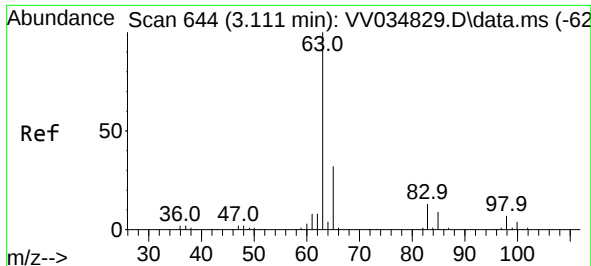
Tgt Ion: 96 Resp: 129736
Ion Ratio Lower Upper
96 100
61 139.2 99.0 183.8
98 64.1 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 47.142 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Tgt Ion: 73 Resp: 449004
Ion Ratio Lower Upper
73 100
43 18.1 14.6 21.8
57 21.8 17.6 26.4

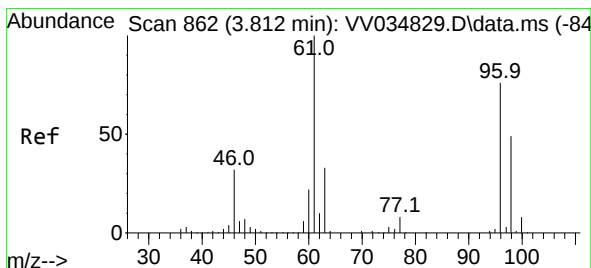
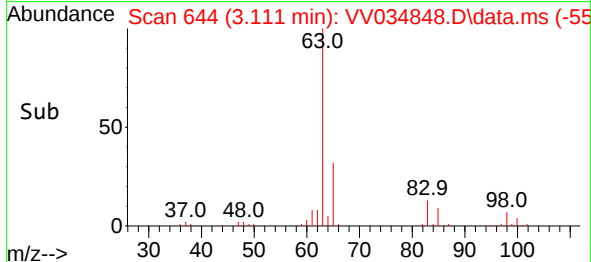
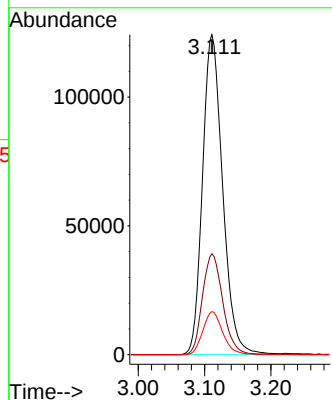
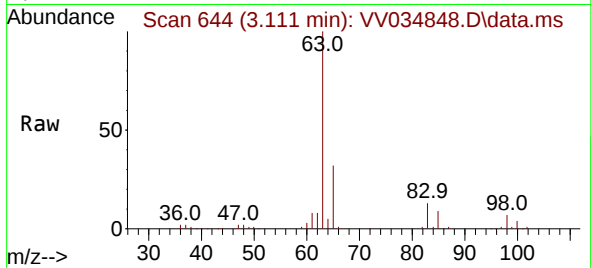




#19
1,1-Dichloroethane
Concen: 47.069 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

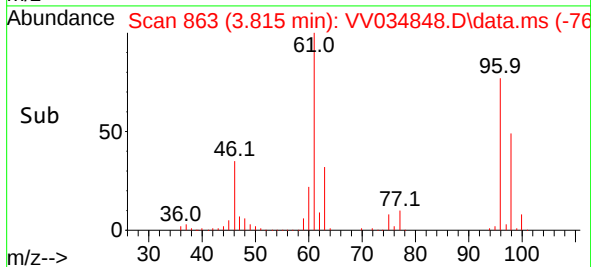
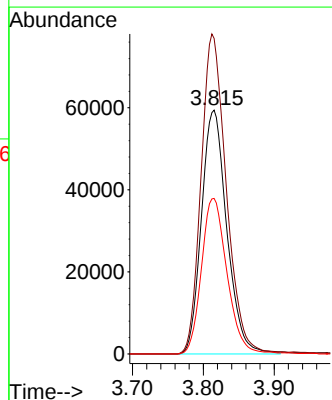
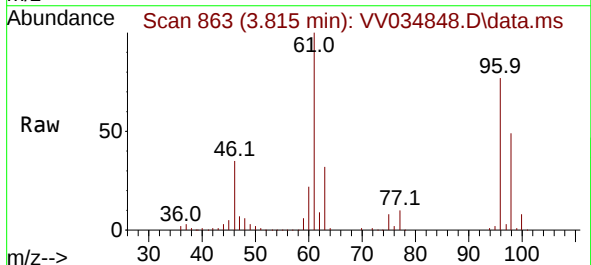
Instrument :
MSVOA_V
ClientSampleId :
E0LX7MSD

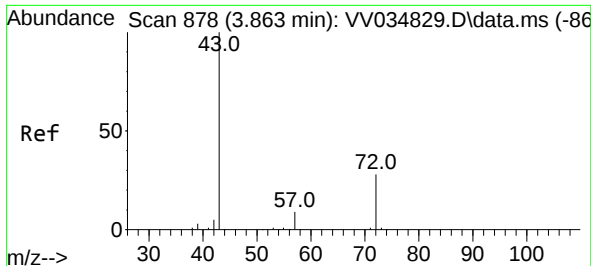
Tgt Ion: 63 Resp: 261739
Ion Ratio Lower Upper
63 100
65 31.5 23.0 42.6
83 13.5 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 48.026 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Tgt Ion: 96 Resp: 147882
Ion Ratio Lower Upper
96 100
61 129.3 94.9 176.3
98 63.8 45.6 84.8

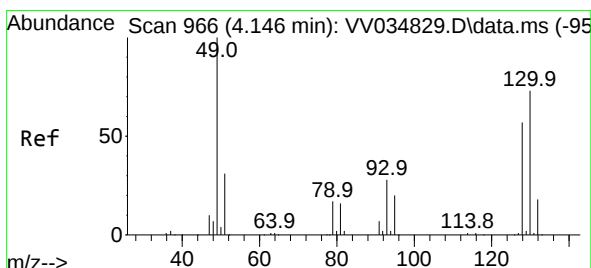
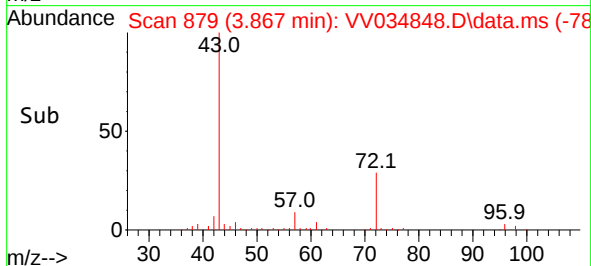
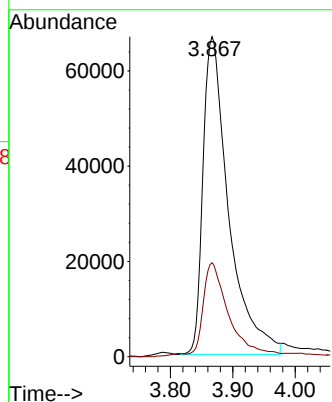
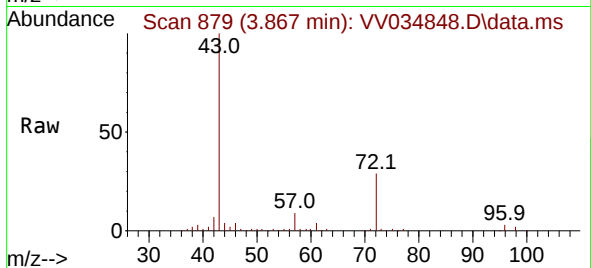




#22
2-Butanone
Concen: 83.806 ug/L
RT: 3.867 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

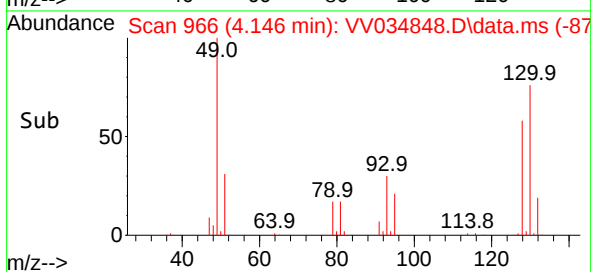
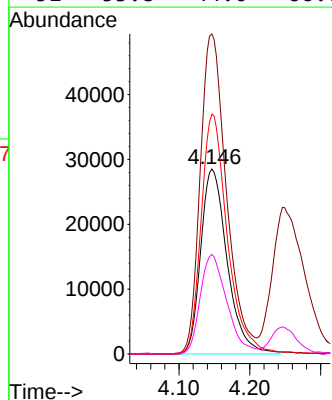
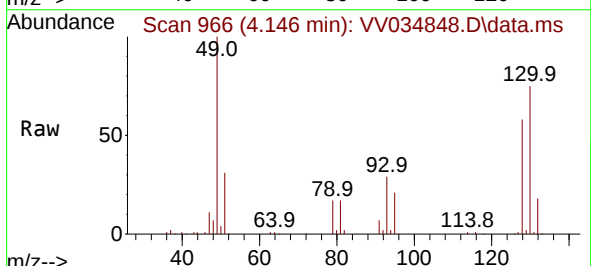
Instrument :
MSVOA_V
ClientSampleId :
E0LX7MSD

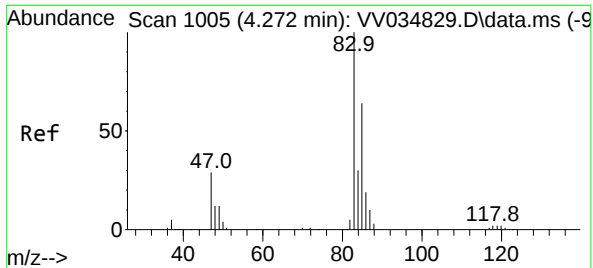
Tgt Ion: 43 Resp: 191106
Ion Ratio Lower Upper
43 100
72 27.8 13.2 39.6



#23
Bromochloromethane
Concen: 47.894 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Tgt Ion:128 Resp: 73785
Ion Ratio Lower Upper
128 100
49 173.0 123.8 229.8
130 129.7 93.2 173.0
51 53.8 44.0 66.0

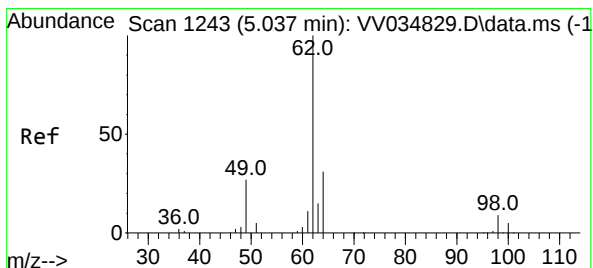
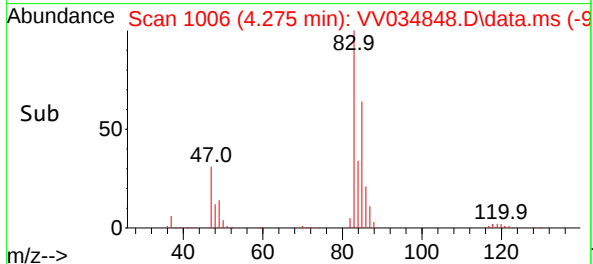
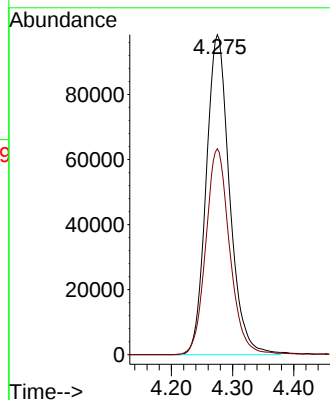
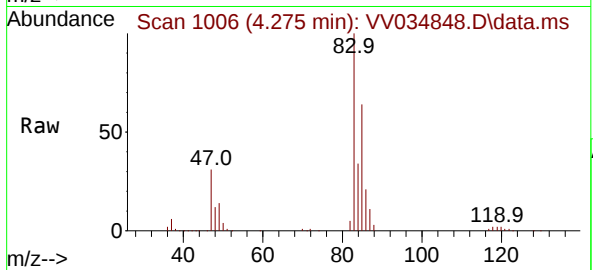




#25
Chloroform
Concen: 47.502 ug/L
RT: 4.275 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

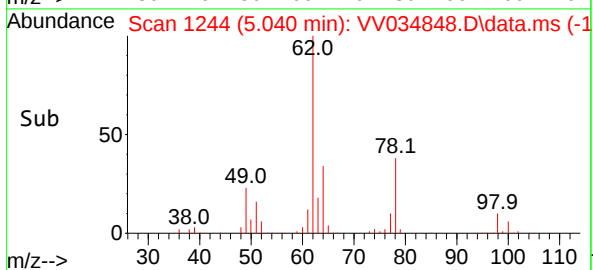
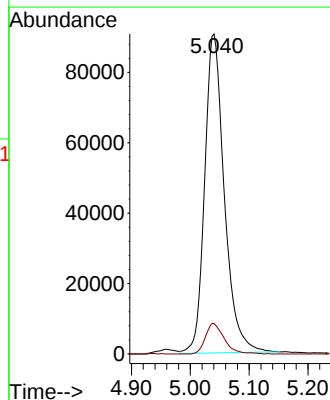
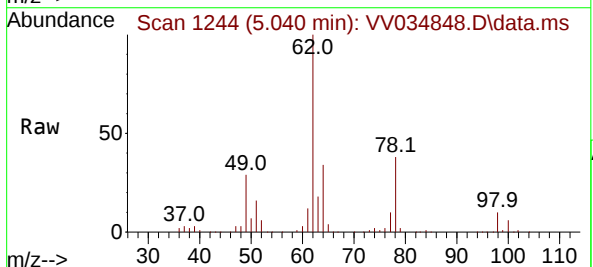
Instrument :
MSVOA_V
ClientSampleId :
E0LX7MSD

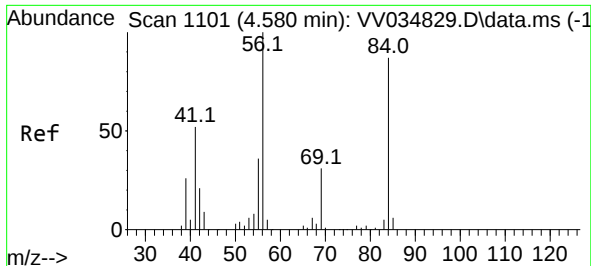
Tgt Ion: 83 Resp: 261156
Ion Ratio Lower Upper
83 100
85 64.3 46.0 85.4



#27
1,2-Dichloroethane
Concen: 48.112 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Tgt Ion: 62 Resp: 210598
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8





#29

Cyclohexane

Concen: 45.335 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

Instrument :

MSVOA_V

ClientSampleId :

E0LX7MSD

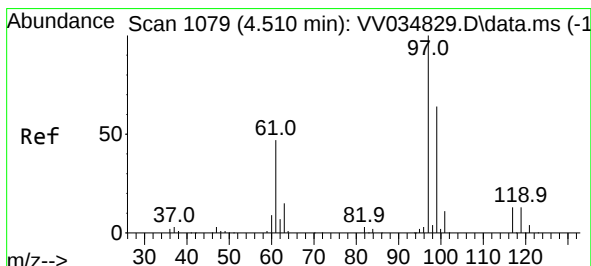
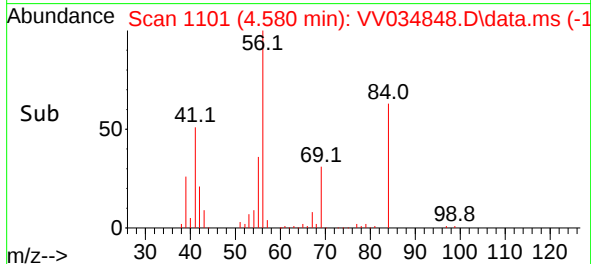
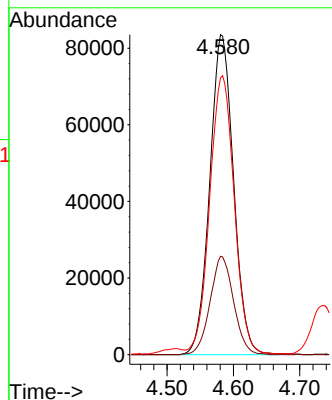
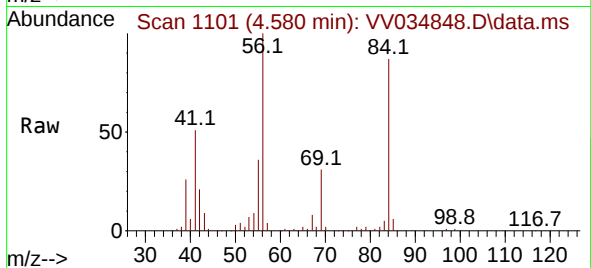
Tgt Ion: 56 Resp: 208477

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.2

84 89.6 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 46.773 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

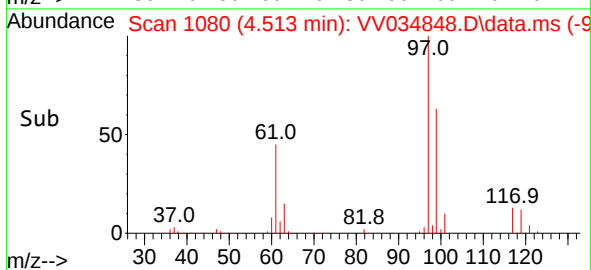
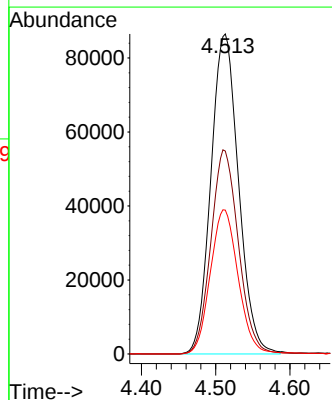
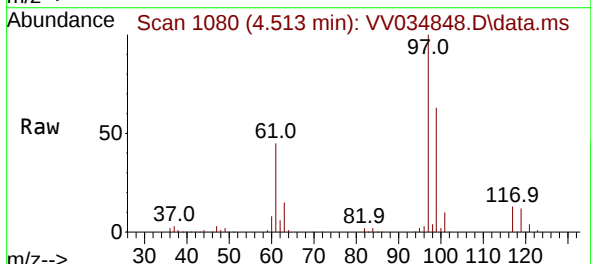
Tgt Ion: 97 Resp: 223848

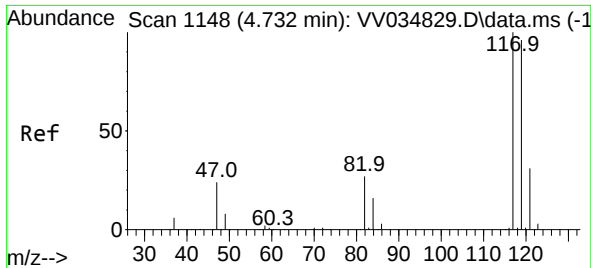
Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 45.3 36.8 55.2

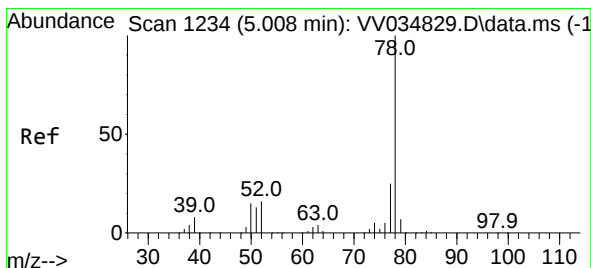
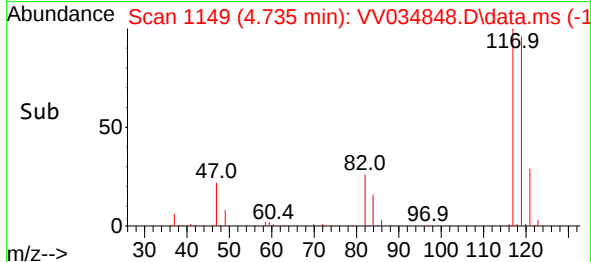
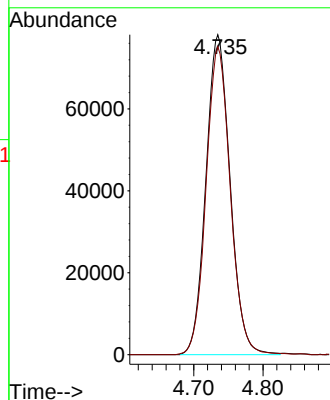
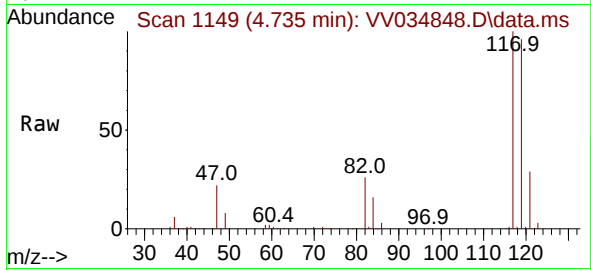




#31
Carbon tetrachloride
Concen: 46.753 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

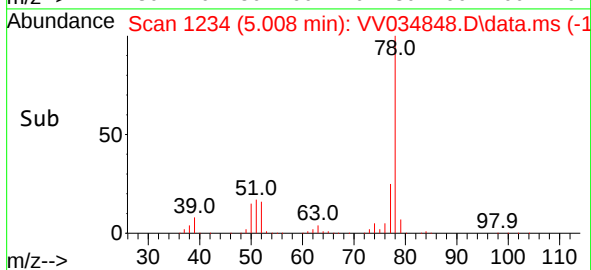
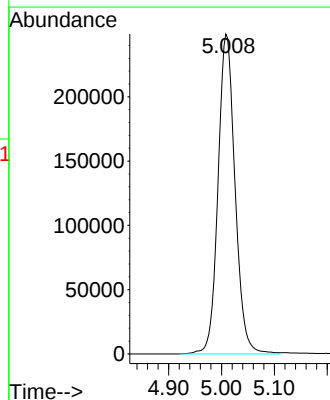
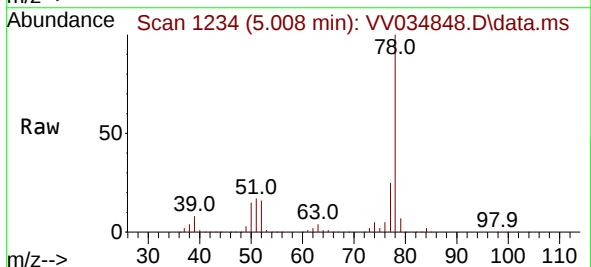
Instrument :
MSVOA_V
ClientSampleId :
E0LX7MSD

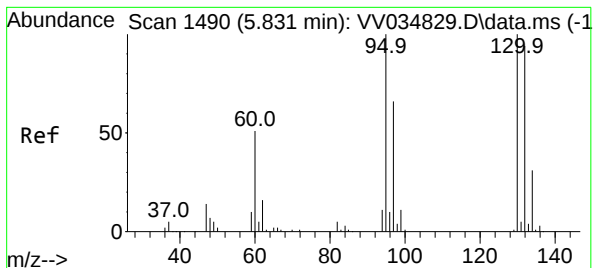
Tgt Ion:117 Resp: 189650
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7



#33
Benzene
Concen: 46.532 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Tgt Ion: 78 Resp: 557096





#34

Trichloroethene

Concen: 45.377 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

Instrument :

MSVOA_V

ClientSampleId :

E0LX7MSD

Tgt Ion: 95 Resp: 146615

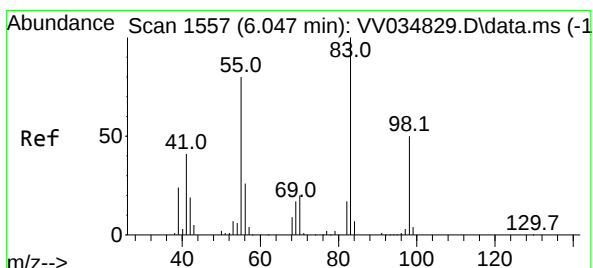
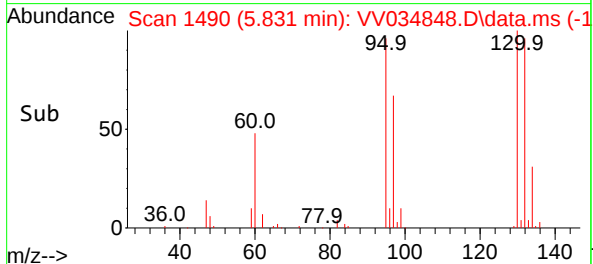
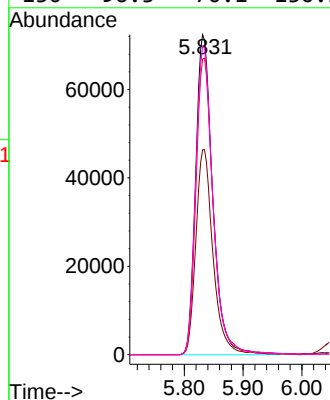
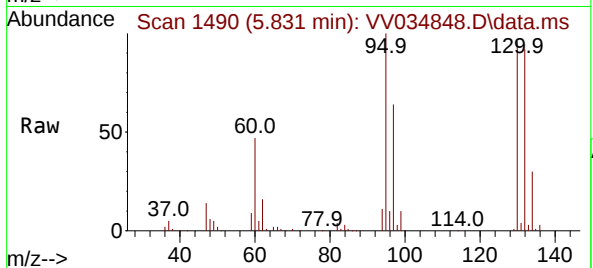
Ion Ratio Lower Upper

95 100

97 64.1 45.3 84.1

132 92.4 65.3 121.3

130 96.3 70.1 130.3



#35

Methylcyclohexane

Concen: 43.090 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

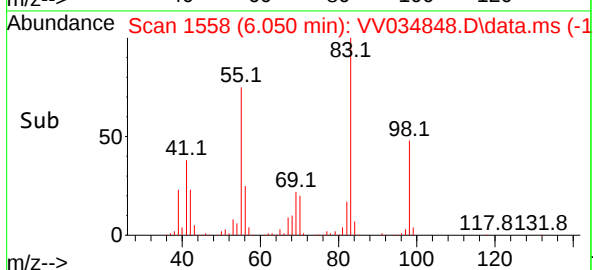
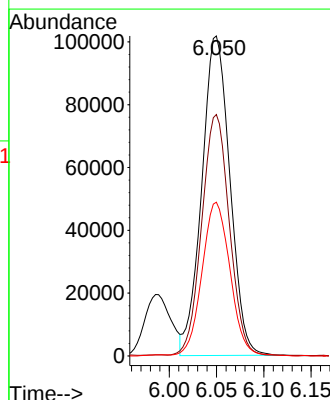
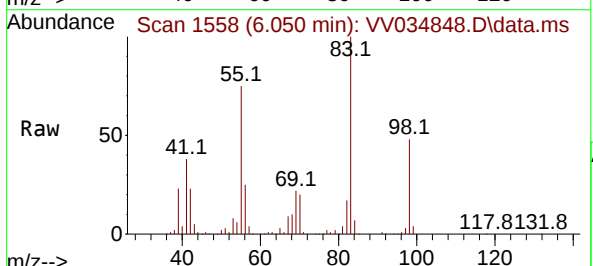
Tgt Ion: 83 Resp: 210264

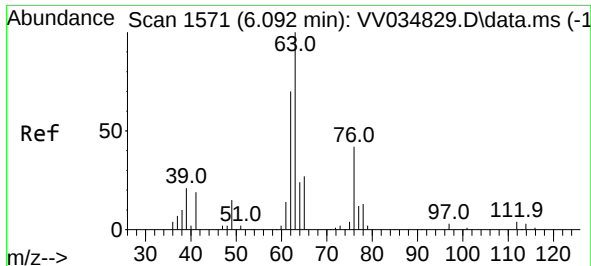
Ion Ratio Lower Upper

83 100

55 74.0 60.0 90.0

98 48.2 37.6 56.4





#37

1,2-Dichloropropane

Concen: 46.562 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

Instrument :

MSVOA_V

ClientSampleId :

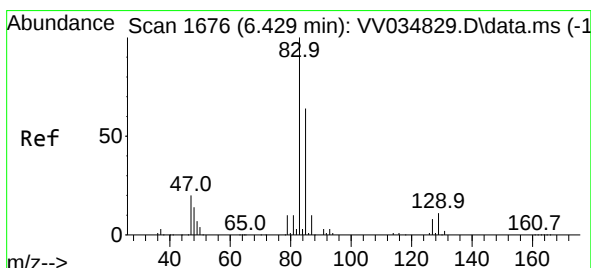
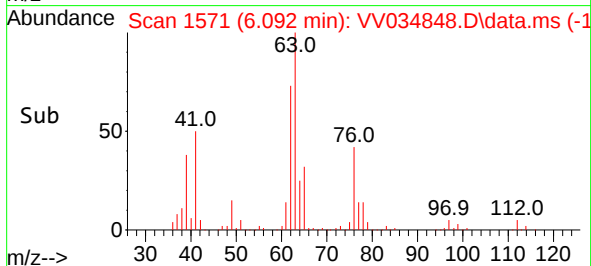
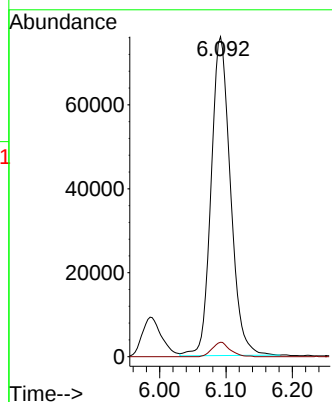
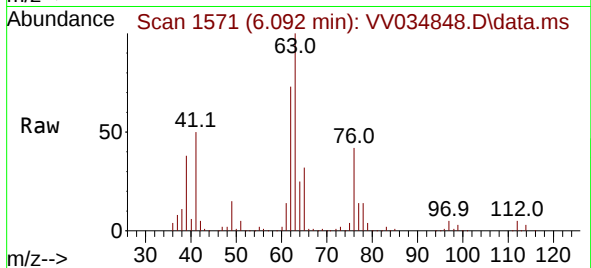
E0LX7MSD

Tgt Ion: 63 Resp: 154054

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 46.422 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

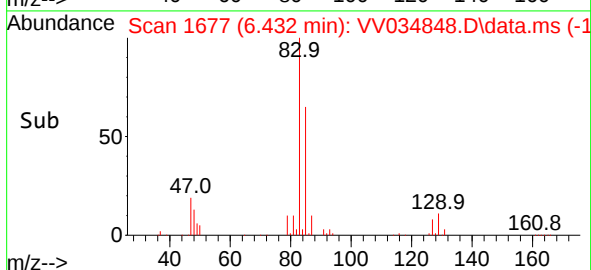
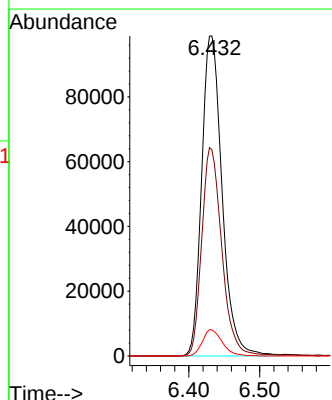
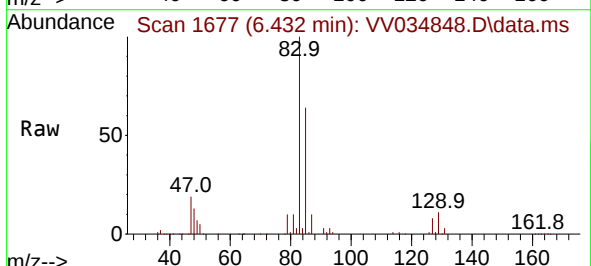
Tgt Ion: 83 Resp: 198172

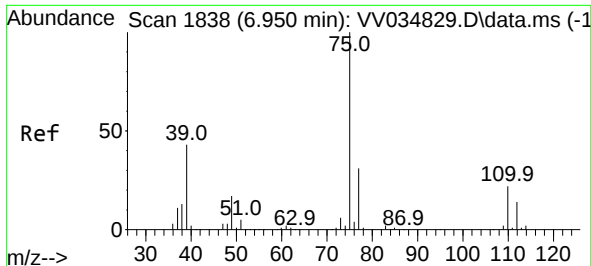
Ion Ratio Lower Upper

83 100

85 64.5 43.7 81.1

127 8.1 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 44.745 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

Instrument :

MSVOA_V

ClientSampleId :

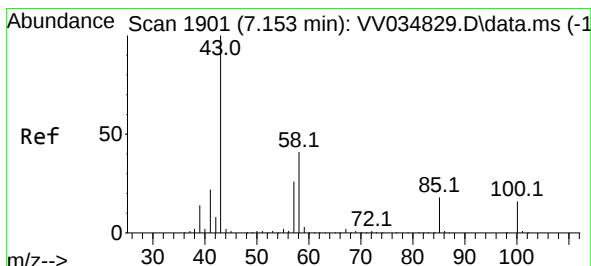
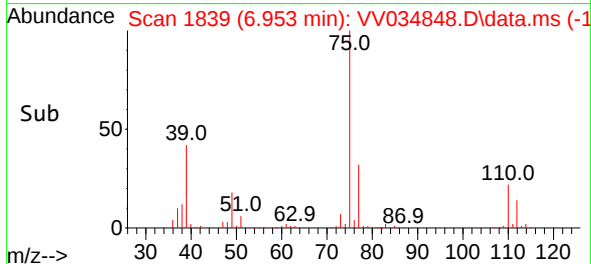
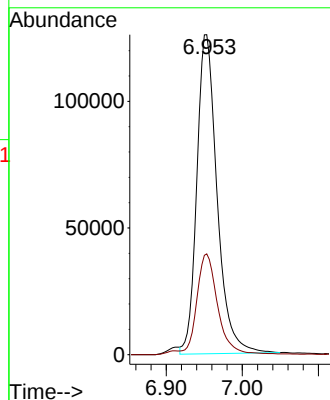
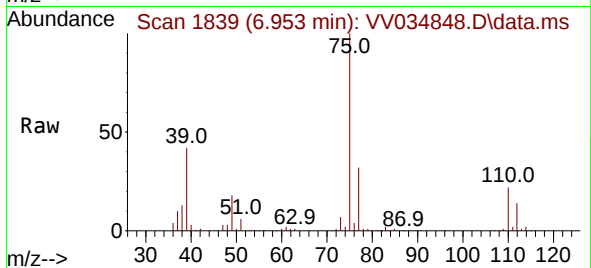
E0LX7MSD

Tgt Ion: 75 Resp: 233217

Ion Ratio Lower Upper

75 100

77 31.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 95.315 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

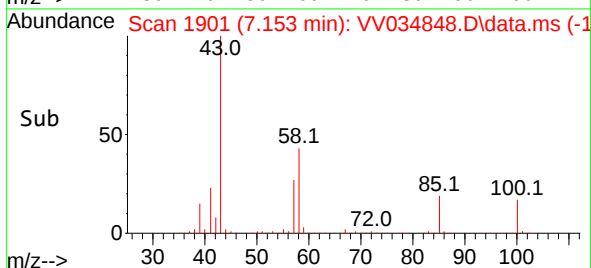
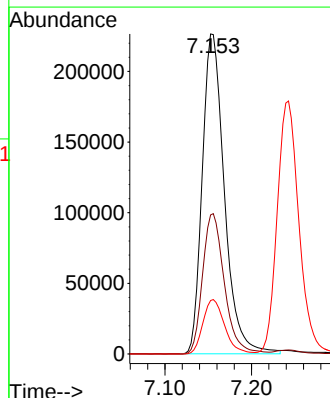
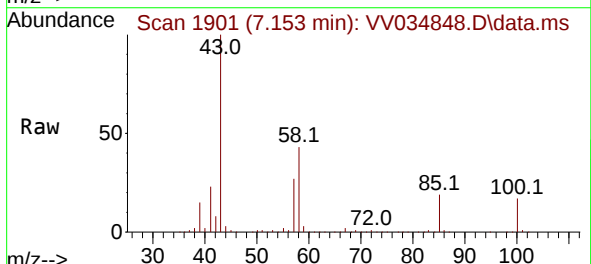
Tgt Ion: 43 Resp: 402639

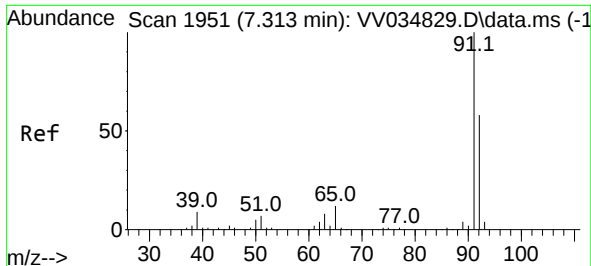
Ion Ratio Lower Upper

43 100

58 43.1 33.8 50.8

100 16.7 13.0 19.4





#42

Toluene

Concen: 47.301 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

Instrument :

MSVOA_V

ClientSampleId :

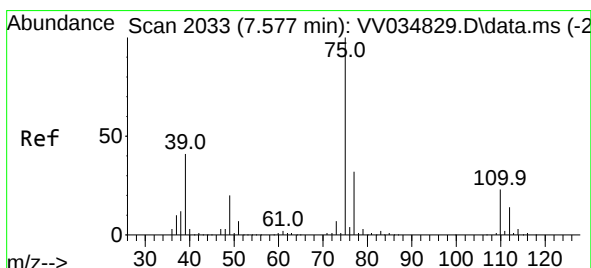
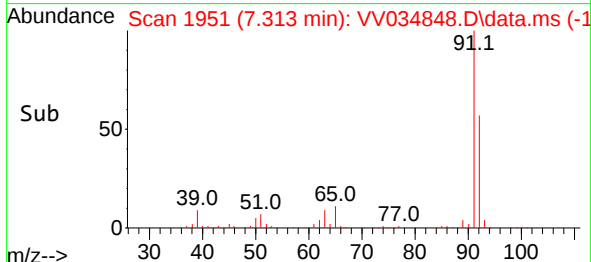
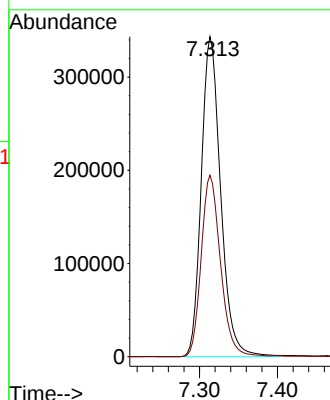
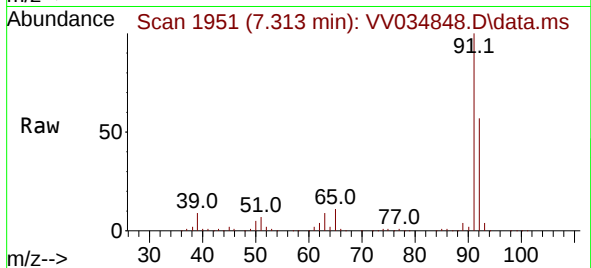
E0LX7MSD

Tgt Ion: 91 Resp: 592880

Ion Ratio Lower Upper

91 100

92 56.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 47.019 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV034848.D

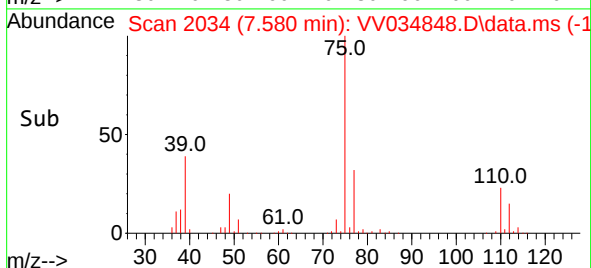
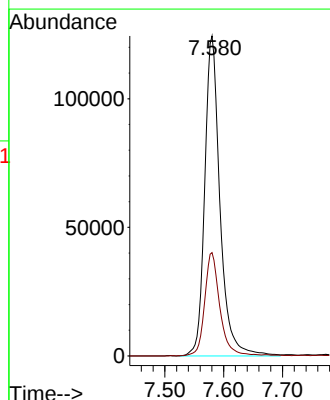
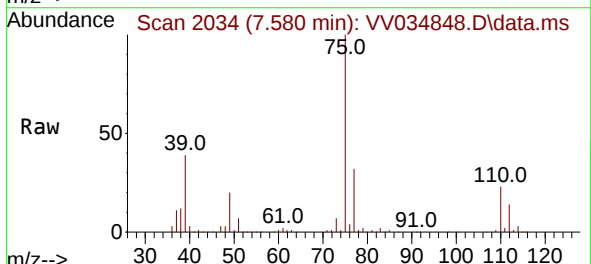
Acq: 26 Mar 2024 23:27

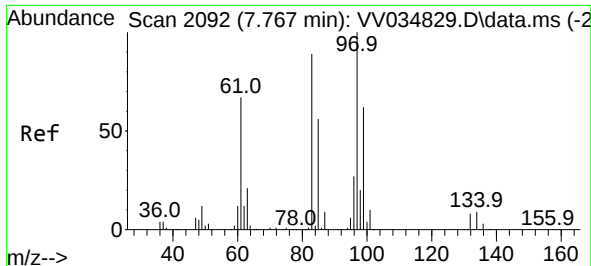
Tgt Ion: 75 Resp: 225149

Ion Ratio Lower Upper

75 100

77 32.3 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 46.517 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

Instrument :

MSVOA_V

ClientSampleId :

E0LX7MSD

Tgt Ion: 97 Resp: 145063

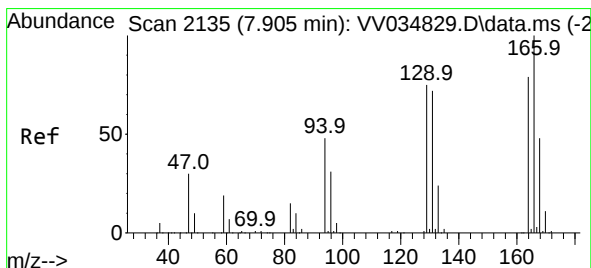
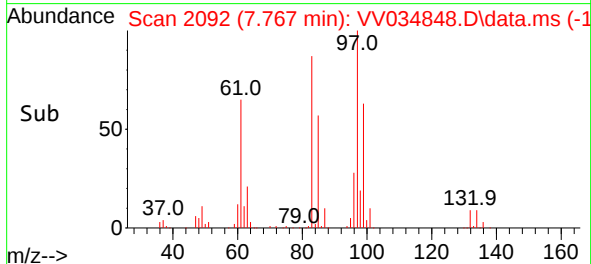
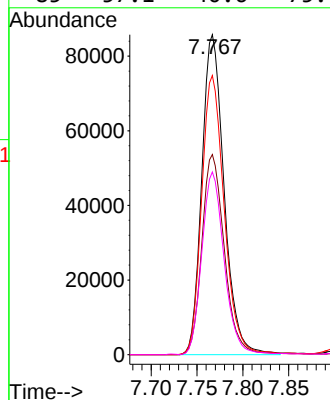
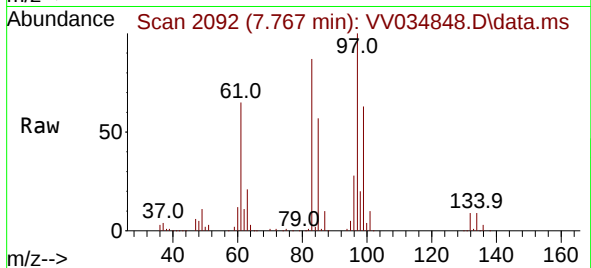
Ion Ratio Lower Upper

97 100

99 62.5 43.3 80.3

83 87.3 61.6 114.4

85 57.1 40.6 75.4



#46

Tetrachloroethene

Concen: 45.570 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

Tgt Ion:164 Resp: 102868

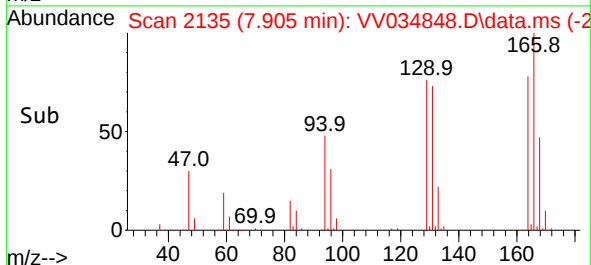
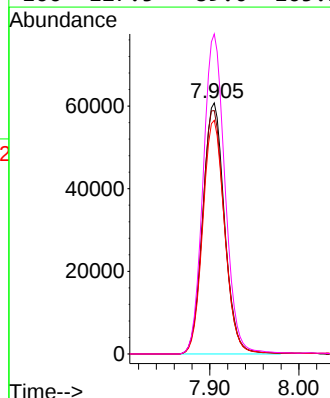
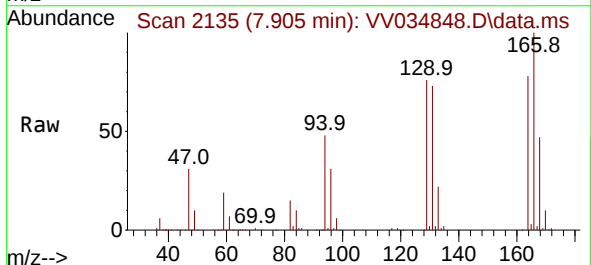
Ion Ratio Lower Upper

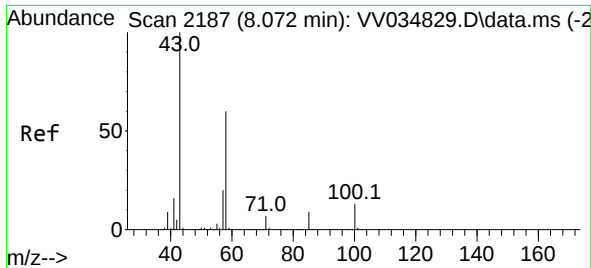
164 100

129 96.9 68.6 127.4

131 93.1 65.7 122.1

166 127.5 89.0 165.2

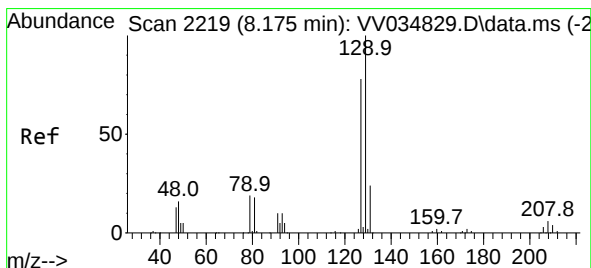
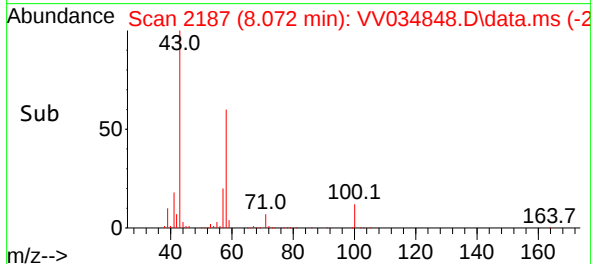
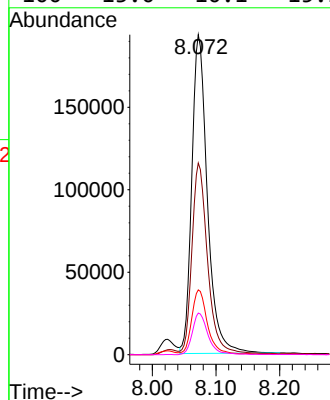
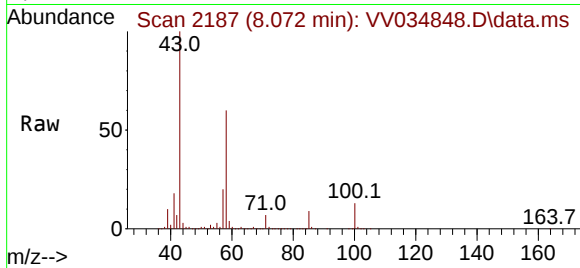




#48
2-Hexanone
Concen: 91.673 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

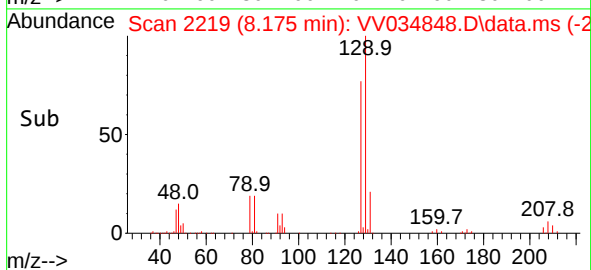
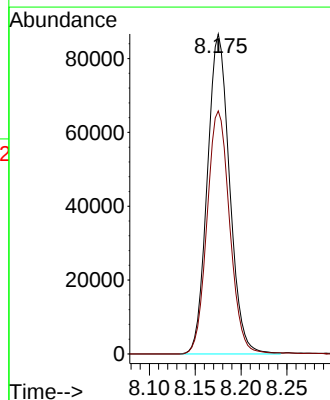
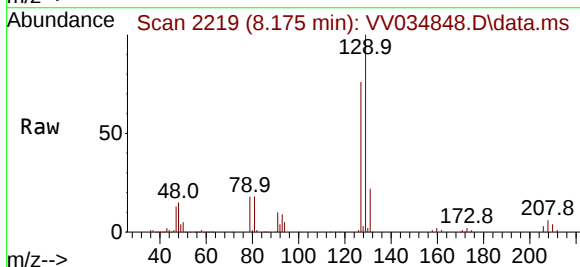
Instrument :
MSVOA_V
ClientSampleId :
E0LX7MSD

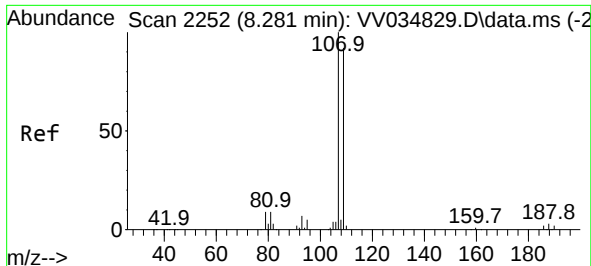
Tgt Ion: 43 Resp: 329363
Ion Ratio Lower Upper
43 100
58 60.5 45.4 68.2
57 20.3 16.2 24.4
100 13.0 10.1 15.1



#49
Dibromochloromethane
Concen: 47.437 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Tgt Ion: 129 Resp: 146516
Ion Ratio Lower Upper
129 100
127 75.9 54.1 100.5

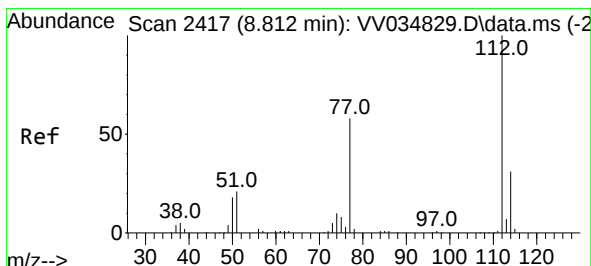
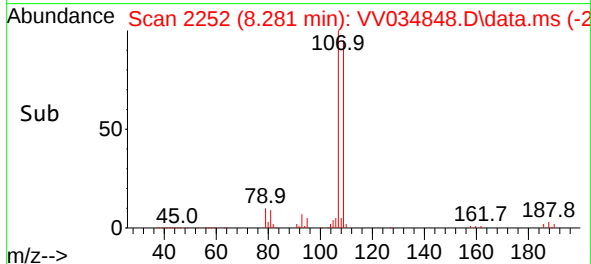
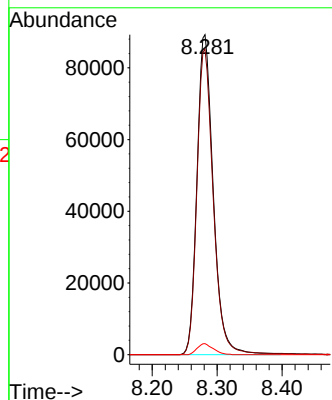
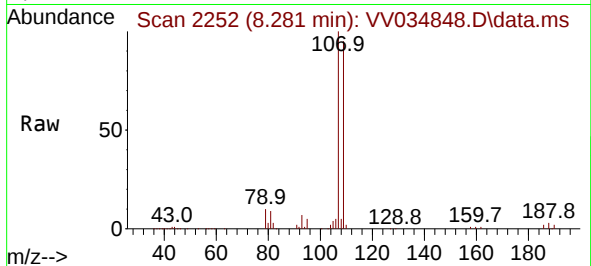




#50
1,2-Dibromoethane
Concen: 46.597 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

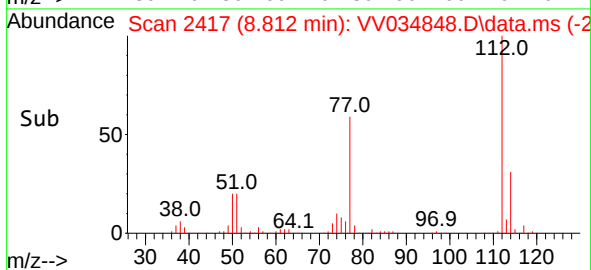
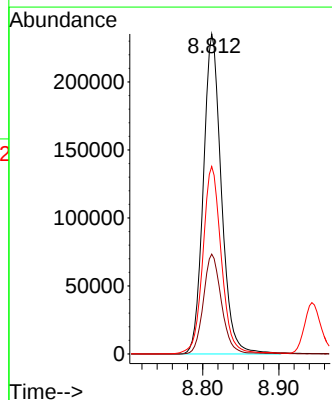
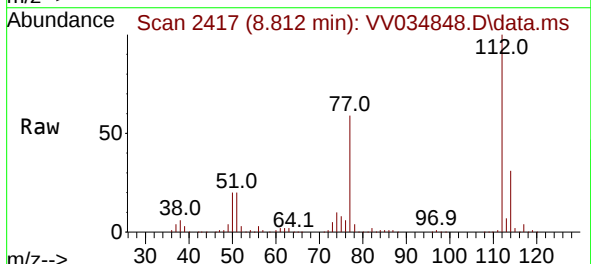
Instrument :
MSVOA_V
ClientSampleId :
E0LX7MSD

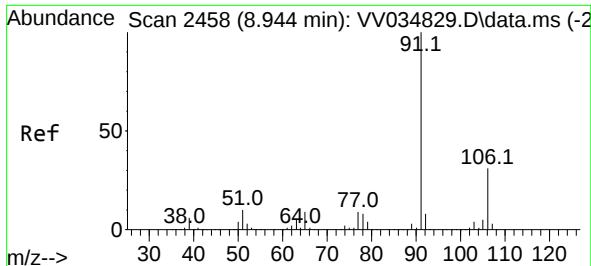
Tgt Ion:107 Resp: 156446
Ion Ratio Lower Upper
107 100
109 95.4 64.5 119.9
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 47.743 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Tgt Ion:112 Resp: 387849
Ion Ratio Lower Upper
112 100
114 31.2 22.0 41.0
77 58.6 47.4 71.2

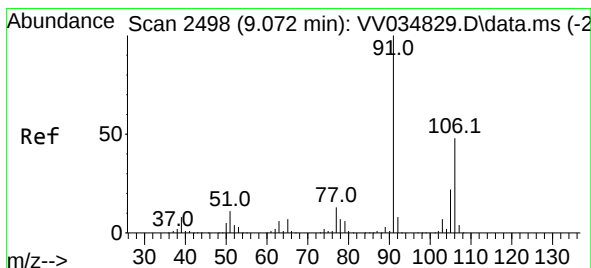
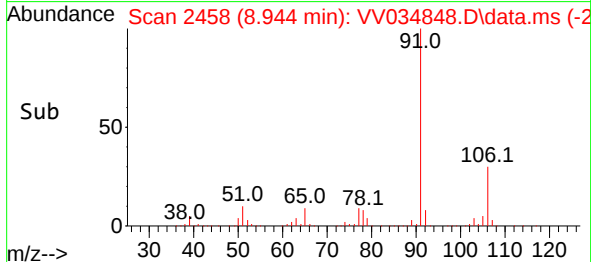
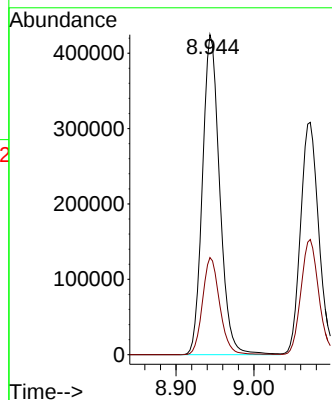
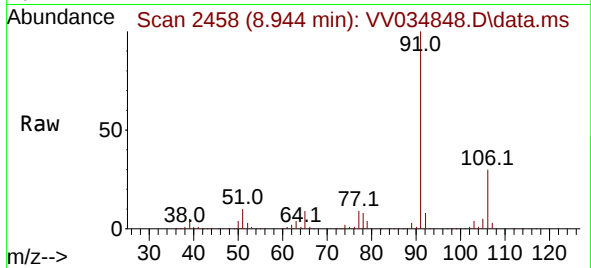




#52
Ethylbenzene
Concen: 46.989 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

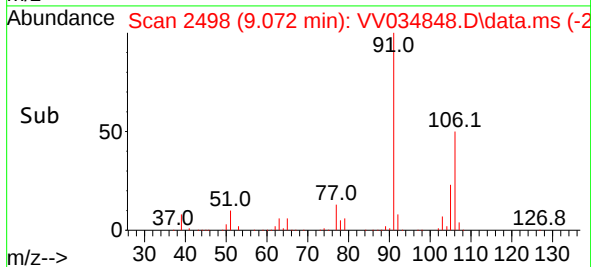
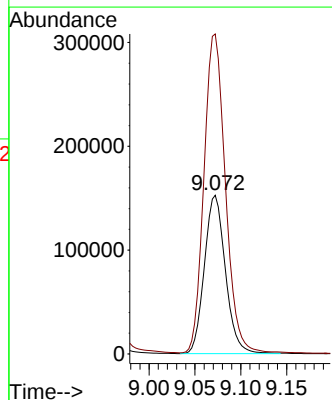
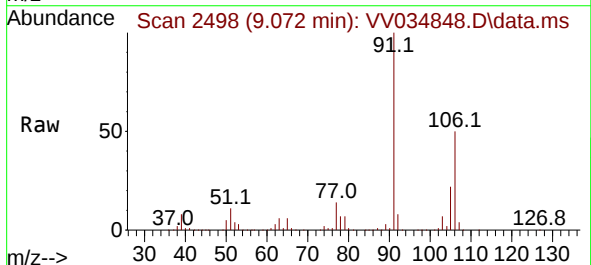
Instrument :
MSVOA_V
ClientSampleId :
E0LX7MSD

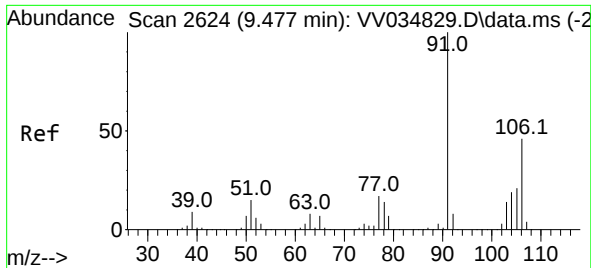
Tgt Ion: 91 Resp: 652753
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 47.548 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Tgt Ion: 106 Resp: 243243
Ion Ratio Lower Upper
106 100
91 201.6 144.8 269.0

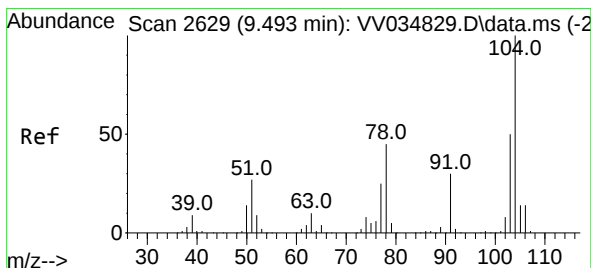
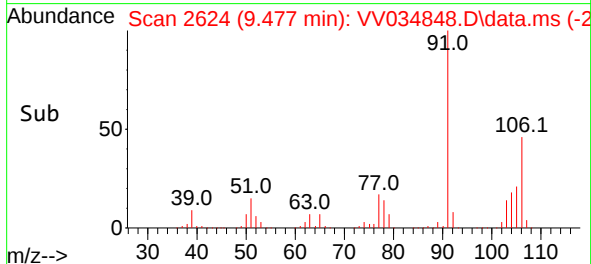
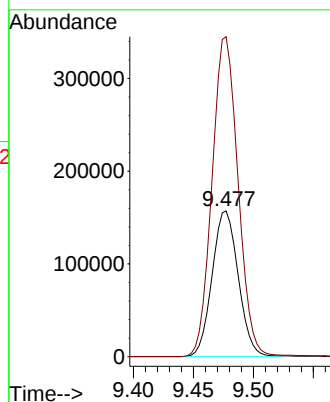
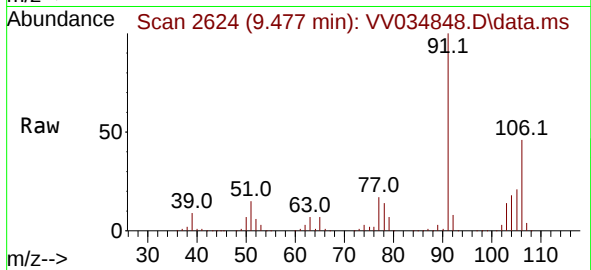




#54
o-Xylene
Concen: 47.087 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

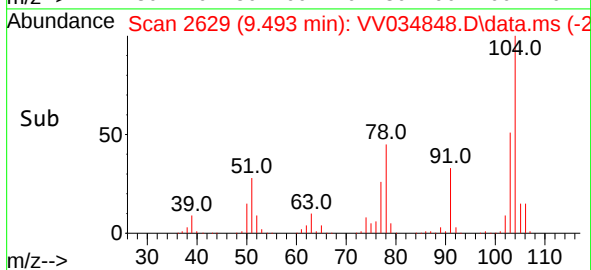
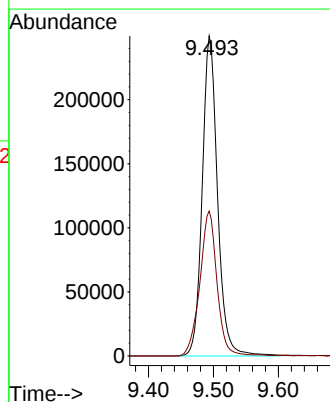
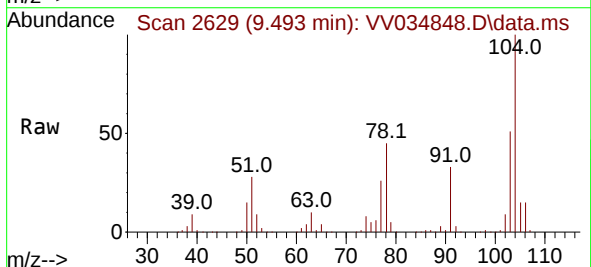
Instrument :
MSVOA_V
ClientSampleId :
E0LX7MSD

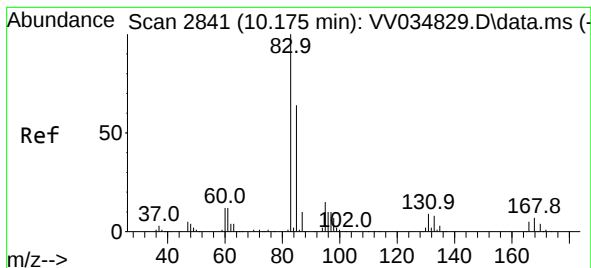
Tgt Ion:106 Resp: 238343
Ion Ratio Lower Upper
106 100
91 219.5 151.3 280.9



#55
Styrene
Concen: 48.020 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Tgt Ion:104 Resp: 410755
Ion Ratio Lower Upper
104 100
78 45.3 31.5 58.5

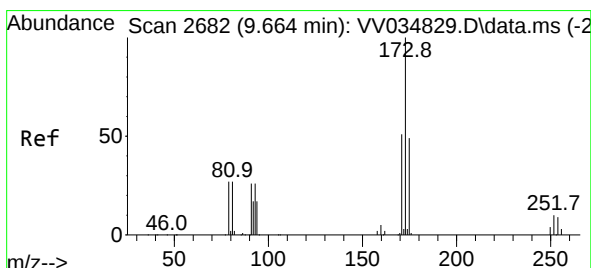
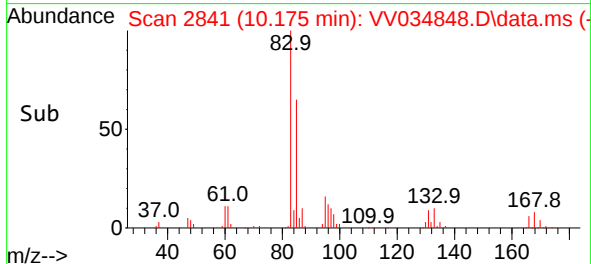
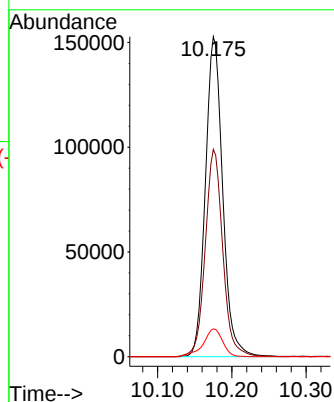
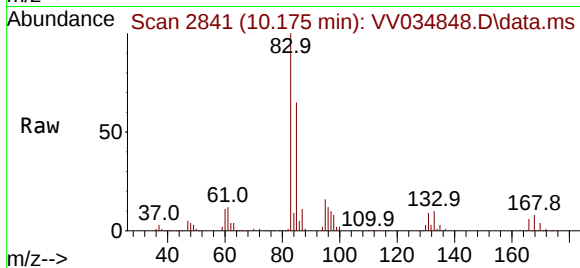




#57
 1,1,2-Tetrachloroethane
 Concen: 48.826 ug/L
 RT: 10.175 min Scan# 2841
 Delta R.T. -0.000 min
 Lab File: VV034848.D
 Acq: 26 Mar 2024 23:27

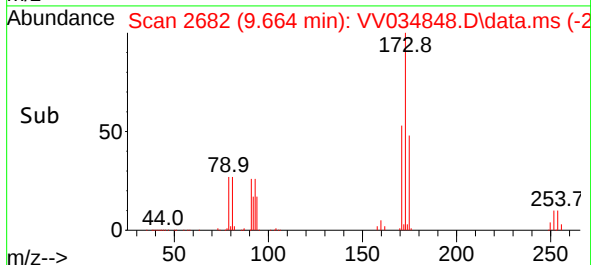
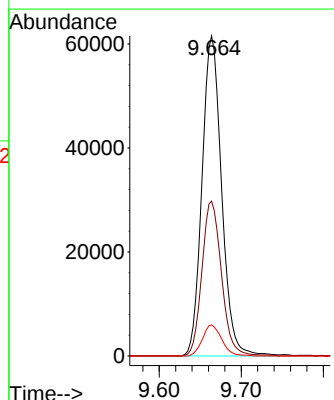
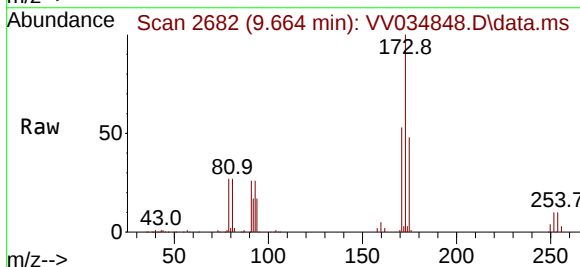
Instrument :
 MSVOA_V
 ClientSampleId :
 E0LX7MSD

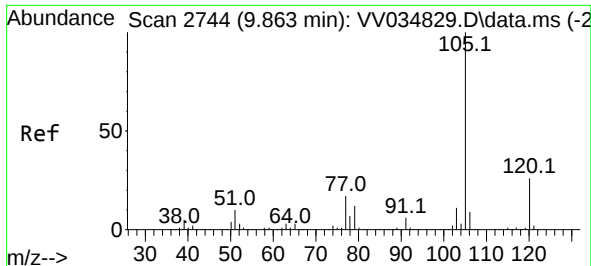
Tgt Ion: 83 Resp: 246700
 Ion Ratio Lower Upper
 83 100
 85 64.8 44.5 82.7
 131 8.7 6.9 10.3



#59
 Bromoform
 Concen: 47.377 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. -0.000 min
 Lab File: VV034848.D
 Acq: 26 Mar 2024 23:27

Tgt Ion: 173 Resp: 102386
 Ion Ratio Lower Upper
 173 100
 175 48.2 39.3 58.9
 254 9.5 7.5 11.3

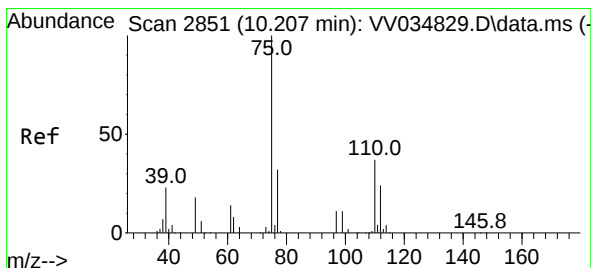
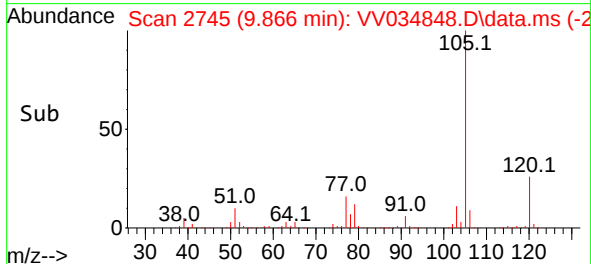
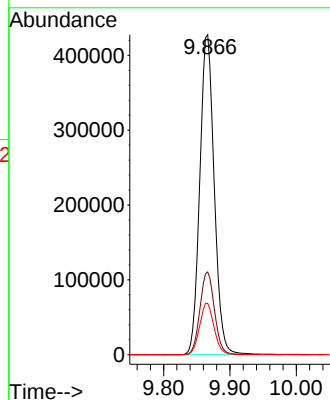
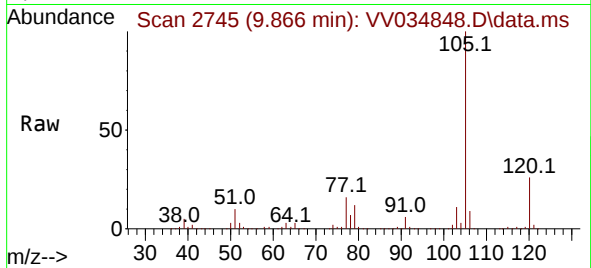




#60
Isopropylbenzene
Concen: 47.643 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

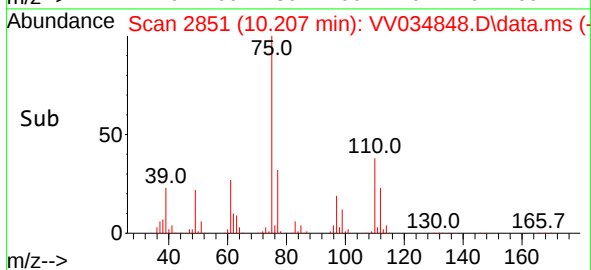
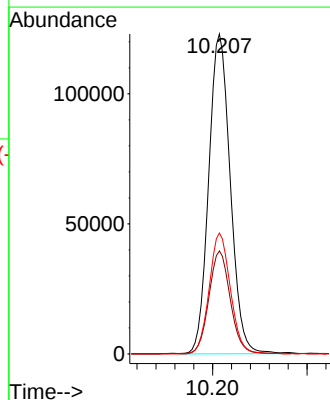
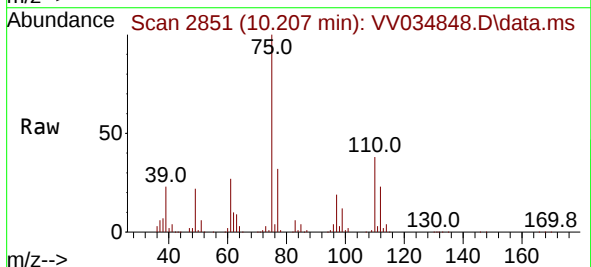
Instrument :
MSVOA_V
ClientSampleId :
E0LX7MSD

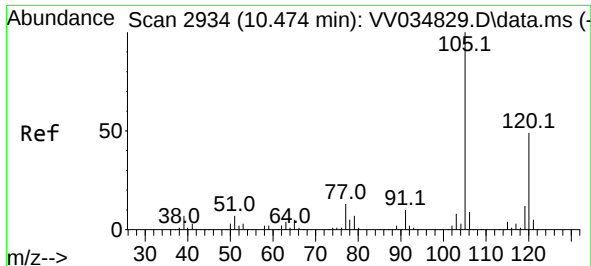
Tgt Ion:105 Resp: 647716
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 16.2 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 47.599 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Tgt Ion: 75 Resp: 194511
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0
110 37.2 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 47.710 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

Instrument :

MSVOA_V

ClientSampleId :

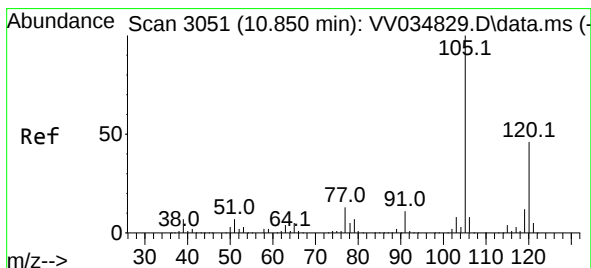
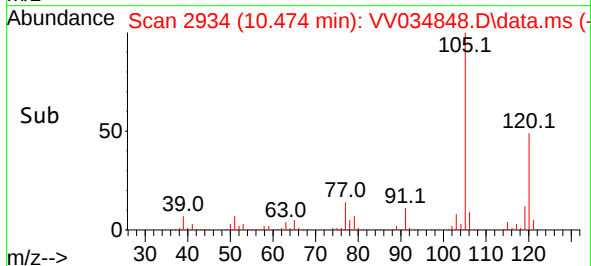
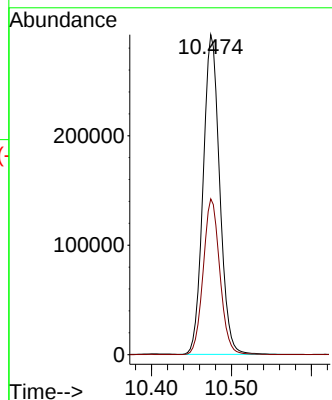
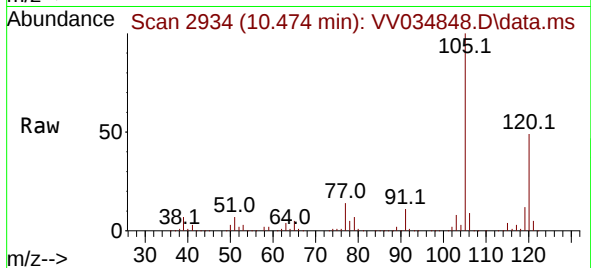
E0LX7MSD

Tgt Ion:105 Resp: 421247

Ion Ratio Lower Upper

105 100

120 48.9 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 48.021 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034848.D

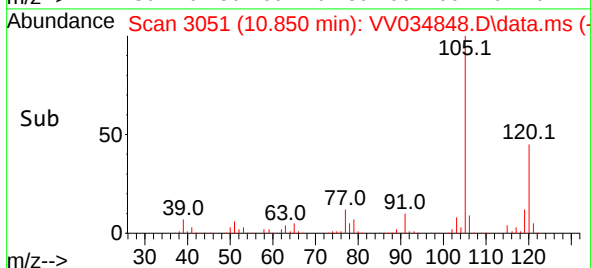
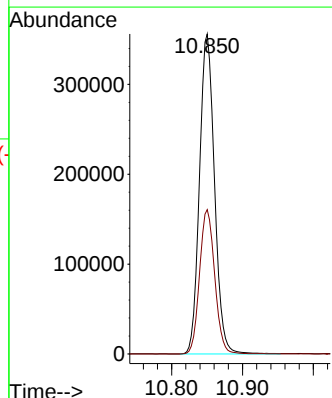
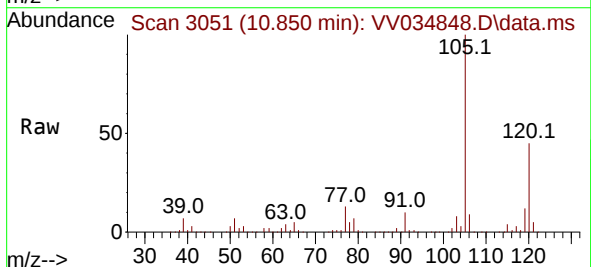
Acq: 26 Mar 2024 23:27

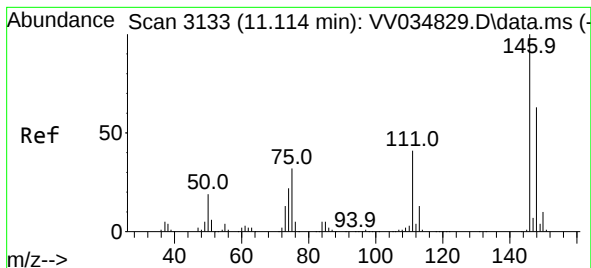
Tgt Ion:105 Resp: 524212

Ion Ratio Lower Upper

105 100

120 45.4 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 46.411 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

Instrument :

MSVOA_V

ClientSampleId :

E0LX7MSD

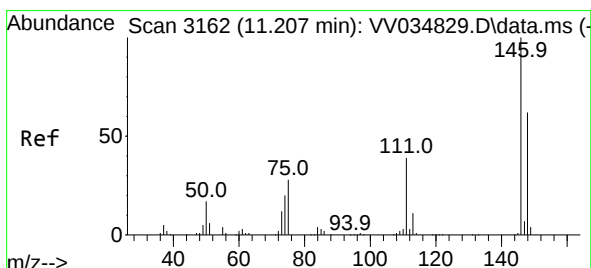
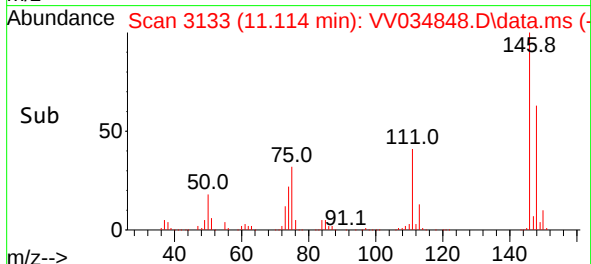
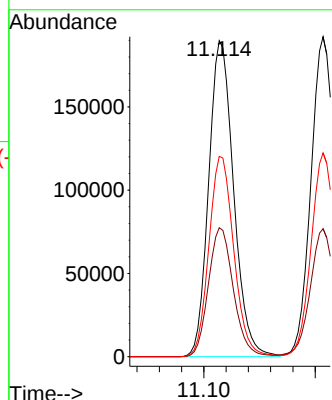
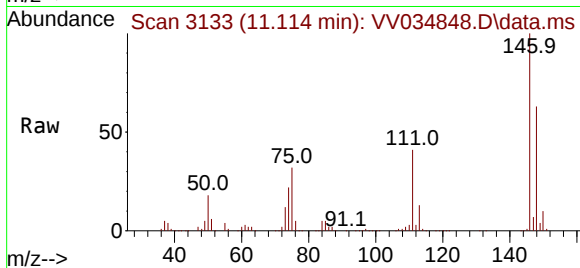
Tgt Ion:146 Resp: 294861

Ion Ratio Lower Upper

146 100

111 40.8 28.7 53.3

148 63.4 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 46.639 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

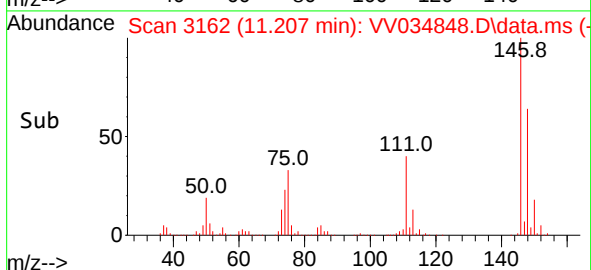
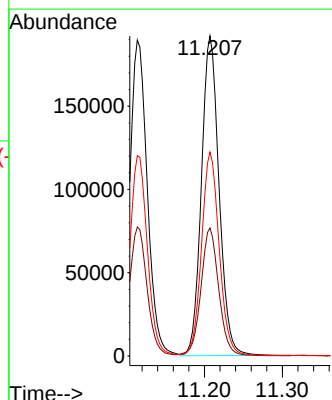
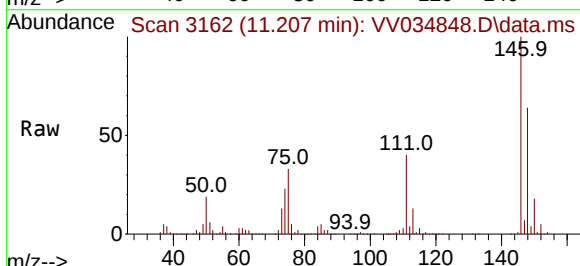
Tgt Ion:146 Resp: 301322

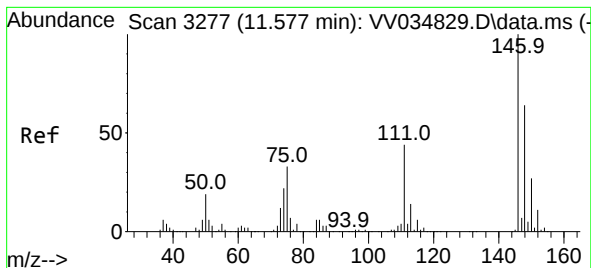
Ion Ratio Lower Upper

146 100

111 40.0 27.4 50.8

148 63.7 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 47.119 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

Instrument :

MSVOA_V

ClientSampleId :

E0LX7MSD

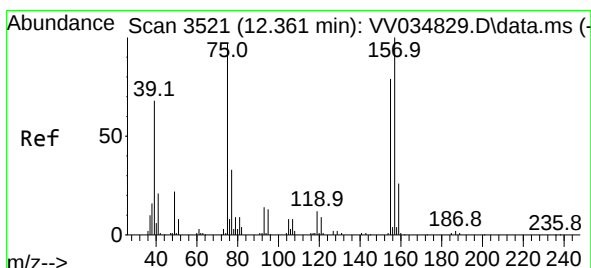
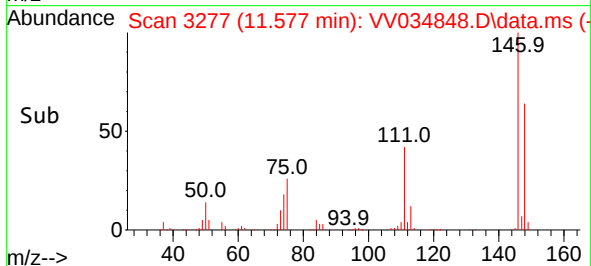
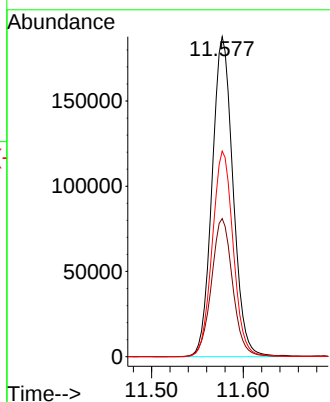
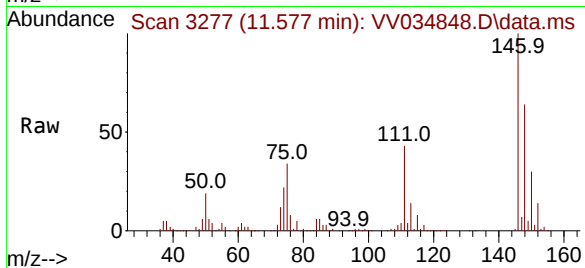
Tgt Ion:146 Resp: 298215

Ion Ratio Lower Upper

146 100

111 43.2 34.6 52.0

148 64.2 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.837 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

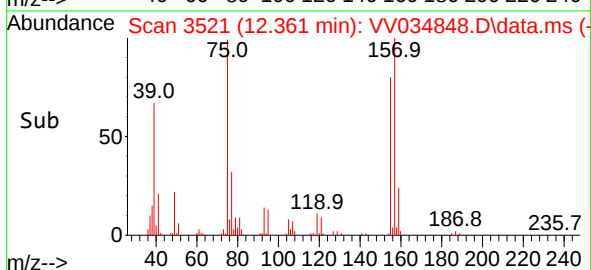
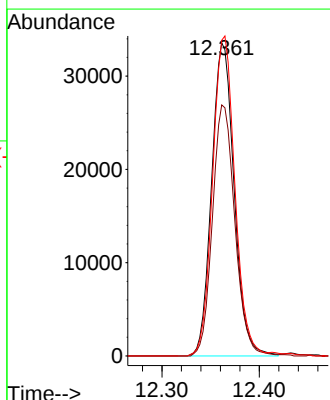
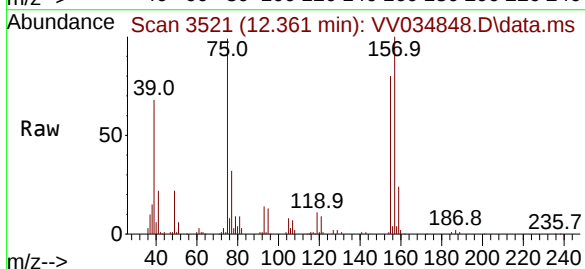
Tgt Ion: 75 Resp: 53855

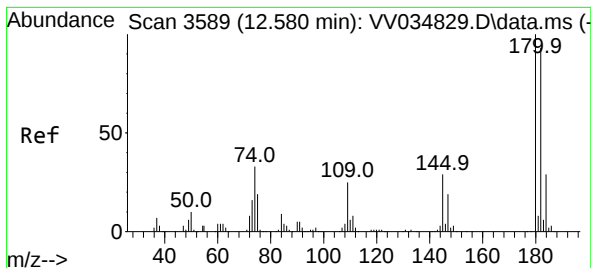
Ion Ratio Lower Upper

75 100

155 80.2 63.0 94.6

157 100.9 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 45.278 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

Instrument :

MSVOA_V

ClientSampleId :

E0LX7MSD

Tgt Ion:180 Resp: 207318

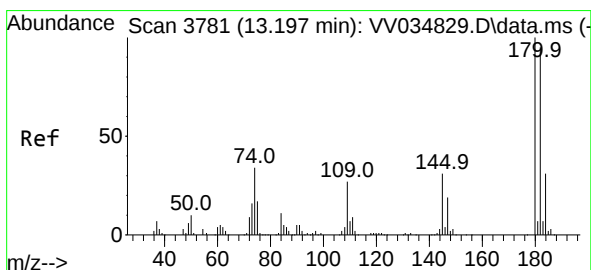
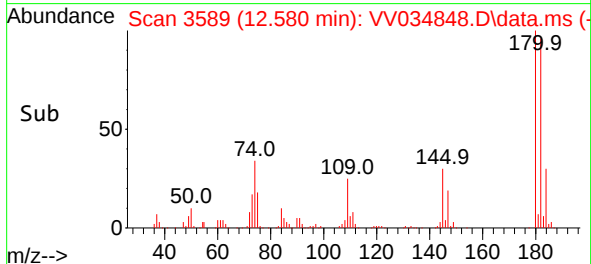
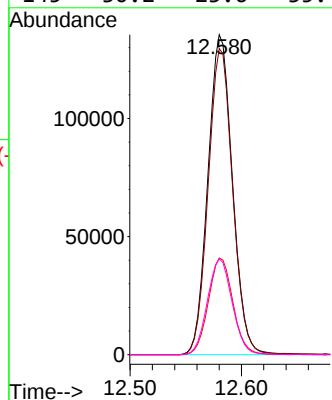
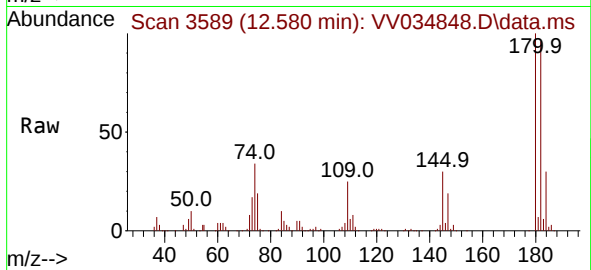
Ion Ratio Lower Upper

180 100

182 95.5 74.7 112.1

184 30.2 24.0 36.0

145 30.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 46.826 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034848.D

Acq: 26 Mar 2024 23:27

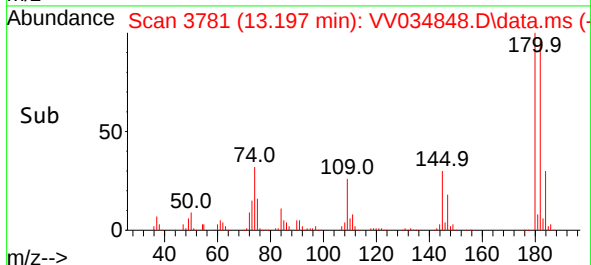
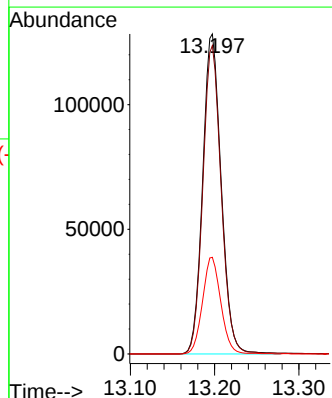
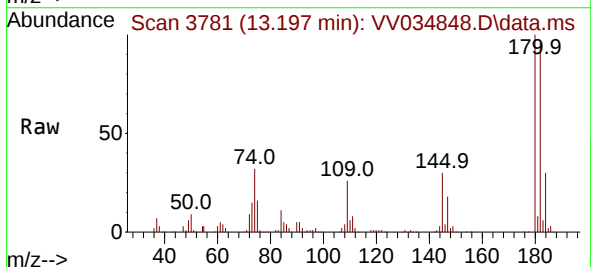
Tgt Ion:180 Resp: 196948

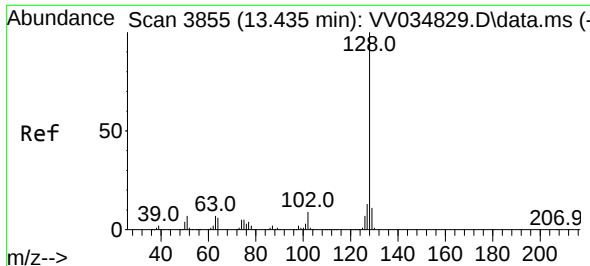
Ion Ratio Lower Upper

180 100

182 94.9 75.6 113.4

145 29.8 24.1 36.1

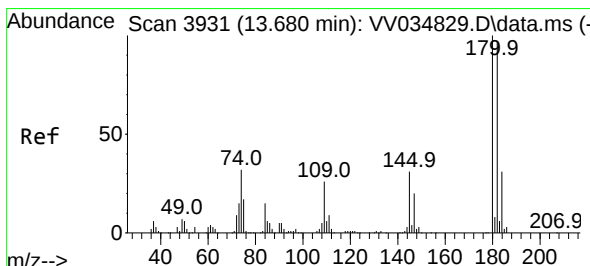
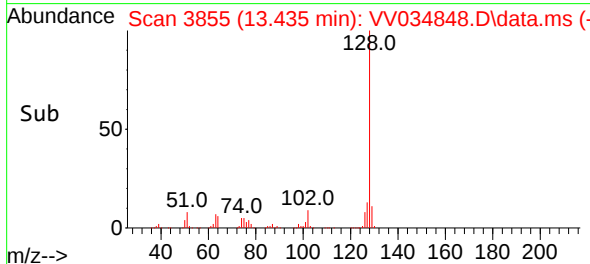
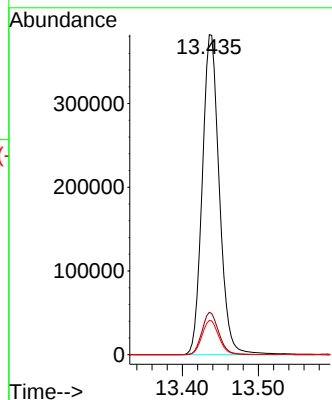
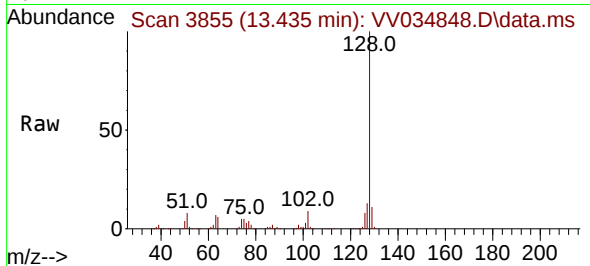




#71
Naphthalene
Concen: 50.950 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Instrument :
MSVOA_V
ClientSampleId :
E0LX7MSD

Tgt Ion:128 Resp: 594531
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.929 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. -0.003 min
Lab File: VV034848.D
Acq: 26 Mar 2024 23:27

Tgt Ion:180 Resp: 202853
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.2
145 32.2 25.8 38.6

