

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030724\
 Data File : VV034515.D
 Acq On : 06 Mar 2024 17:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 07 04:32:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 04:30:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	311091	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	293515	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	149296	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	110107	40.828	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.660%
7) Chloroethane-d5	1.532	69	91748	43.668	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.340%
11) 1,1-Dichloroethene-d2	2.056	65	50565	41.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.920%
21) 2-Butanone-d5	3.790	46	204664	113.483	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.480%
24) Chloroform-d	4.249	84	226760	47.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
26) 1,2-Dichloroethane-d4	4.941	65	148676	47.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
32) Benzene-d6	4.960	84	409783	46.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.520%
36) 1,2-Dichloropropane-d6	5.989	67	129561	47.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.860%
41) Toluene-d8	7.243	98	369792	46.129	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.260%
43) trans-1,3-Dichloroprop...	7.551	79	63297	46.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.260%
47) 2-Hexanone-d5	8.024	63	150523	111.502	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.500%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	178476	50.167	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.340%
66) 1,2-Dichlorobenzene-d4	11.561	152	140946	46.187	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.380%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.105	85	150579	46.146	ug/L	98
3) Chloromethane	1.214	50	151384	47.213	ug/L	99
5) Vinyl chloride	1.282	62	147706	47.456	ug/L	98
6) Bromomethane	1.487	94	90904	48.679	ug/L	100
8) Chloroethane	1.548	64	85105	46.004	ug/L	99
9) Trichlorofluoromethane	1.712	101	217297	46.621	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	115258	45.881	ug/L	99
12) 1,1-Dichloroethene	2.069	96	107334	46.077	ug/L	94
13) Acetone	2.124	43	169209	78.046	ug/L	99
14) Carbon disulfide	2.240	76	305798	47.302	ug/L	99
15) Methyl Acetate	2.375	43	153601	55.378	ug/L	100
16) Methylene chloride	2.446	84	123575	50.012	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	108839	48.273	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	407754	50.360	ug/L	100
19) 1,1-Dichloroethane	3.111	63	224509	50.832	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	124301	50.812	ug/L	95
22) 2-Butanone	3.873	43	201391	94.067	ug/L	95
23) Bromochloromethane	4.146	128	64506	50.994	ug/L	96
25) Chloroform	4.275	83	227010	49.589	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030724\
 Data File : VV034515.D
 Acq On : 06 Mar 2024 17:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

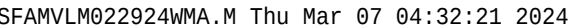
Instrument :
 MSVOA_V
 ClientSampleId :

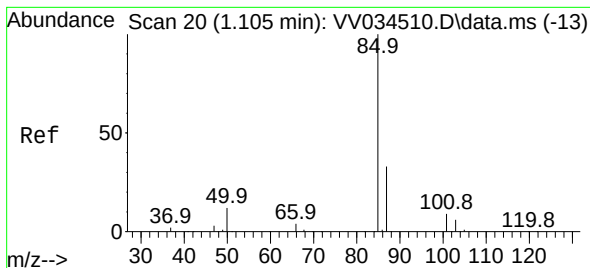
Quant Time: Mar 07 04:32:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 04:30:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	186685	50.193	ug/L	100
29) Cyclohexane	4.580	56	185433	48.031	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	205707	48.874	ug/L	100
31) Carbon tetrachloride	4.735	117	177261	47.569	ug/L	100
33) Benzene	5.008	78	451365	49.542	ug/L	100
34) Trichloroethene	5.831	95	128264	49.527	ug/L	98
35) Methylcyclohexane	6.050	83	189946	48.245	ug/L	98
37) 1,2-Dichloropropane	6.092	63	120691	50.598	ug/L	99
38) Bromodichloromethane	6.433	83	165415	49.302	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	184790	47.816	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	384128	109.213	ug/L	98
42) Toluene	7.314	91	475537	49.318	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	184747	49.705	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	118198	51.358	ug/L	99
46) Tetrachloroethene	7.905	164	91145	47.324	ug/L	99
48) 2-Hexanone	8.076	43	303570	108.314	ug/L	98
49) Dibromochloromethane	8.175	129	119345	49.140	ug/L	97
50) 1,2-Dibromoethane	8.281	107	123940	50.749	ug/L	98
51) Chlorobenzene	8.812	112	302209	48.481	ug/L	99
52) Ethylbenzene	8.947	91	532513	49.288	ug/L	100
53) m,p-Xylene	9.072	106	197084	48.071	ug/L	99
54) o-Xylene	9.477	106	196614	48.974	ug/L	98
55) Styrene	9.497	104	338889	49.856	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	173099	50.076	ug/L	99
59) Bromoform	9.664	173	81306	49.120	ug/L	99
60) Isopropylbenzene	9.866	105	536647	50.824	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	152025	53.344	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	444903	49.950	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	448793	50.945	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	236633	48.470	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	236239	47.651	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	238094	48.670	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	44772	52.739	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	171843	46.920	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	154477	46.875	ug/L	96
71) Naphthalene	13.439	128	470750	53.402	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	162423	50.522	ug/L	99

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

Quant Time: Mar 07 04:32:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 07 04:30:42 2024
Response via : Initial Calibration

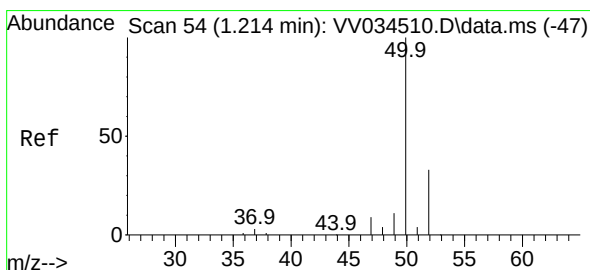
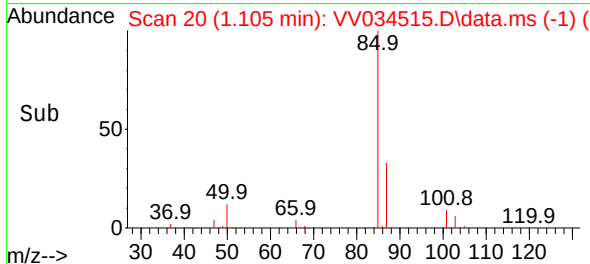
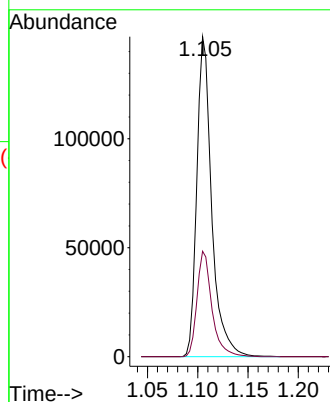
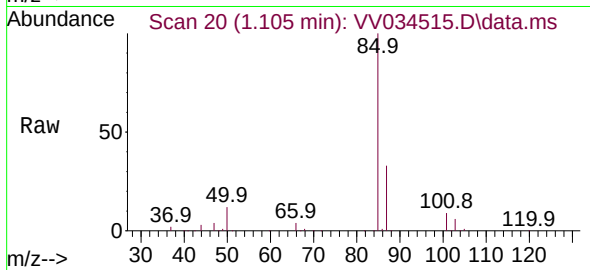




#2
 Dichlorodifluoromethane
 Concen: 46.146 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV034515.D
 Acq: 06 Mar 2024 17:23

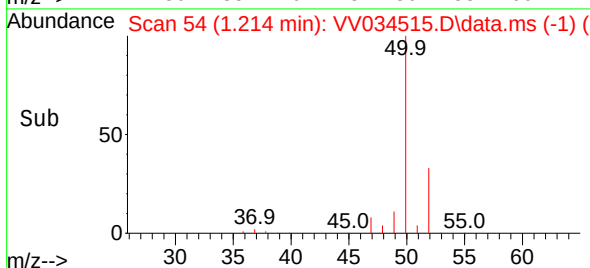
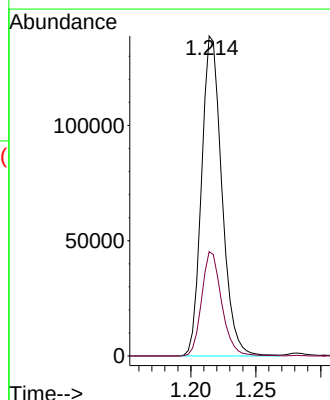
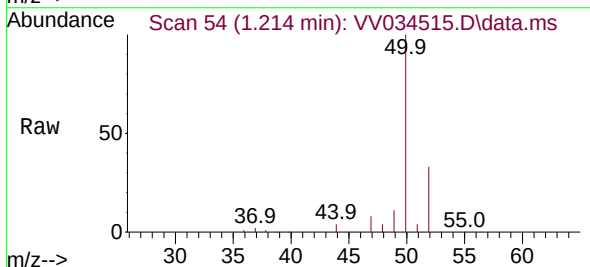
Instrument :
 MSVOA_V
 ClientSampleId :

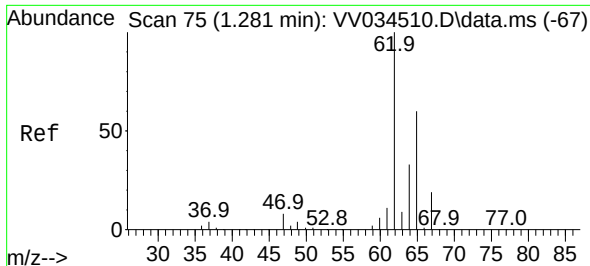
Tgt Ion: 85 Resp: 150579
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.5 38.3



#3
 Chloromethane
 Concen: 47.213 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV034515.D
 Acq: 06 Mar 2024 17:23

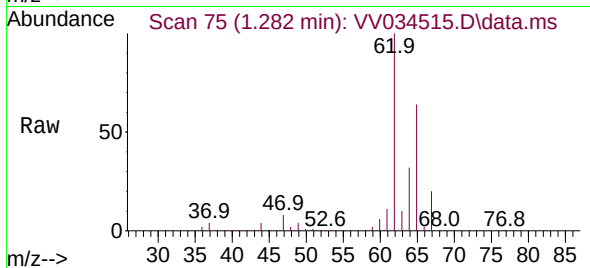
Tgt Ion: 50 Resp: 151384
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.8



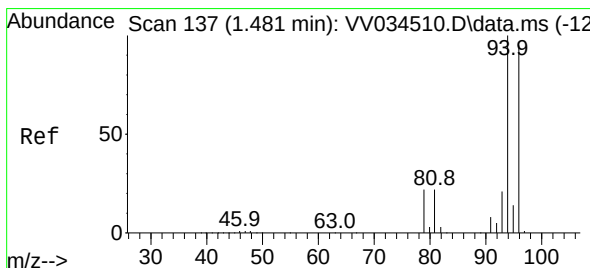
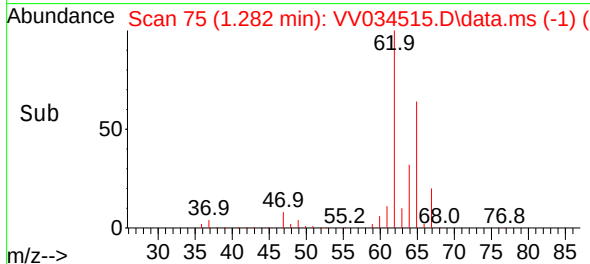
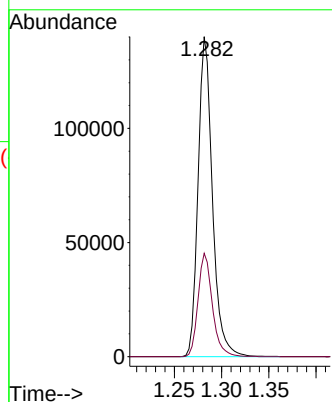


#5
Vinyl chloride
Concen: 47.456 ug/L
RT: 1.282 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

Instrument :
MSVOA_V
ClientSampleId :

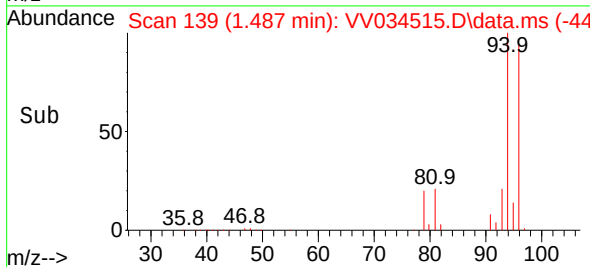
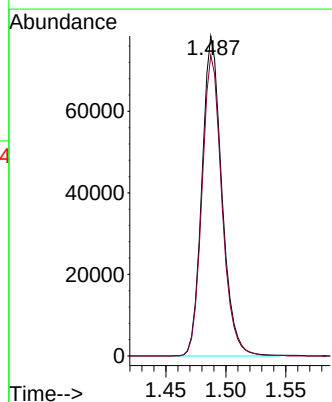
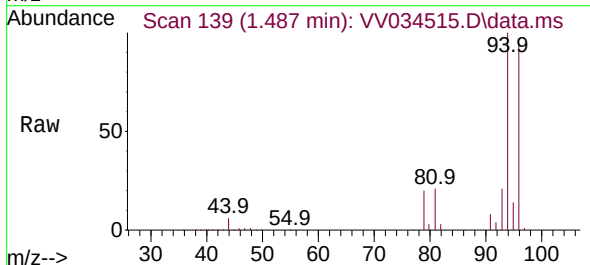


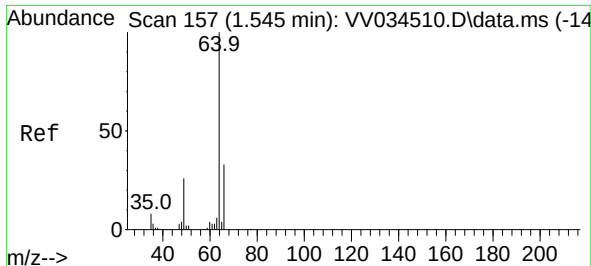
Tgt Ion: 62 Resp: 147706
Ion Ratio Lower Upper
62 100
64 32.3 23.4 43.6



#6
Bromomethane
Concen: 48.679 ug/L
RT: 1.487 min Scan# 139
Delta R.T. 0.007 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

Tgt Ion: 94 Resp: 90904
Ion Ratio Lower Upper
94 100
96 94.0 66.0 122.6





#8

Chloroethane

Concen: 46.004 ug/L

RT: 1.548 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Instrument :

MSVOA_V

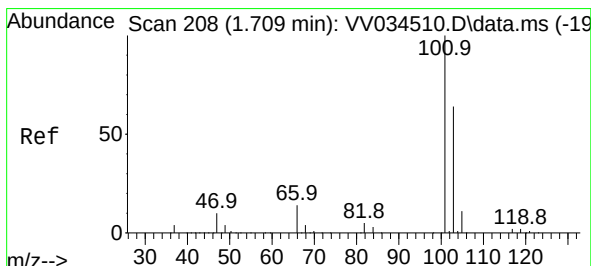
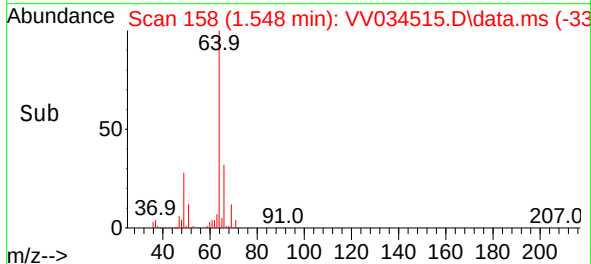
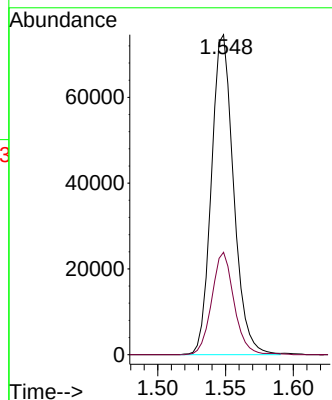
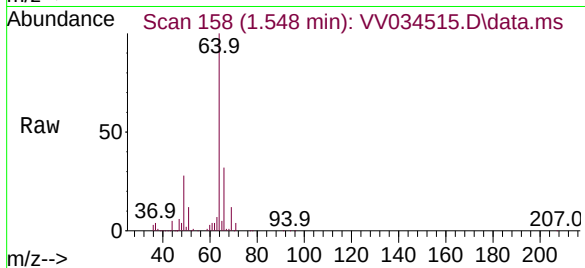
ClientSampleId :

Tgt Ion: 64 Resp: 85105

Ion Ratio Lower Upper

64 100

66 32.0 22.0 40.8



#9

Trichlorofluoromethane

Concen: 46.621 ug/L

RT: 1.712 min Scan# 209

Delta R.T. 0.003 min

Lab File: VV034515.D

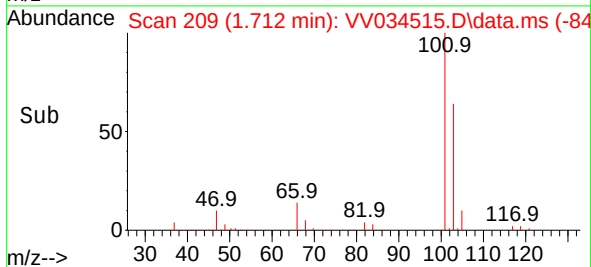
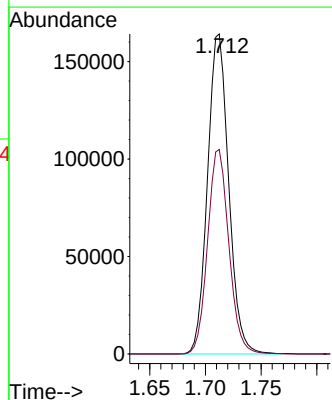
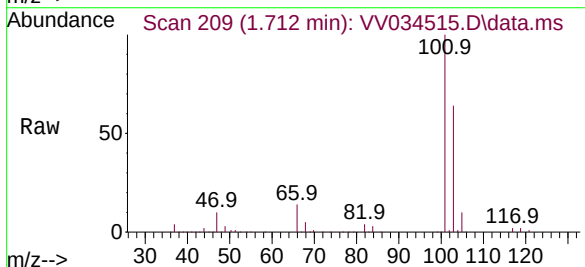
Acq: 06 Mar 2024 17:23

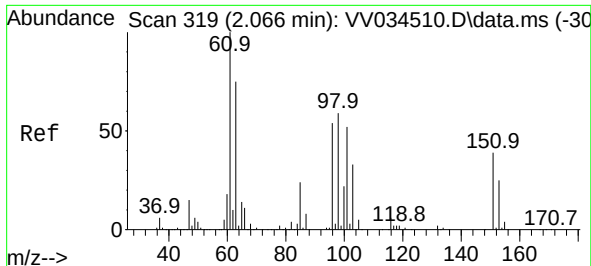
Tgt Ion:101 Resp: 217297

Ion Ratio Lower Upper

101 100

103 64.1 51.8 77.8

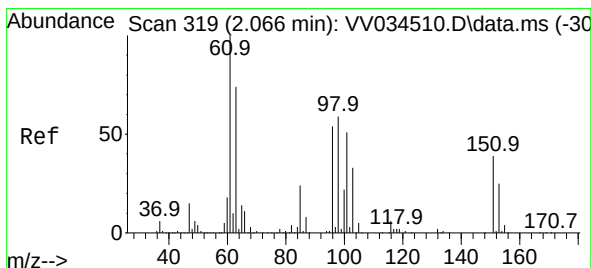
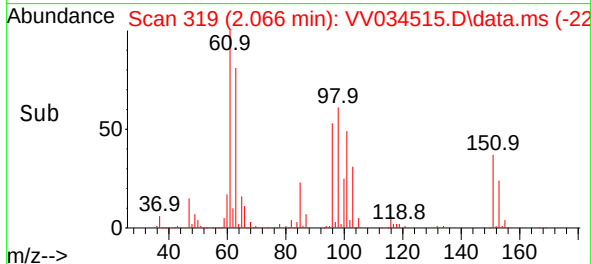
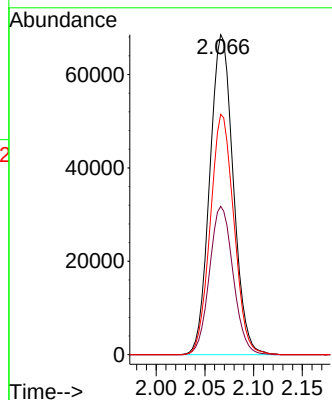
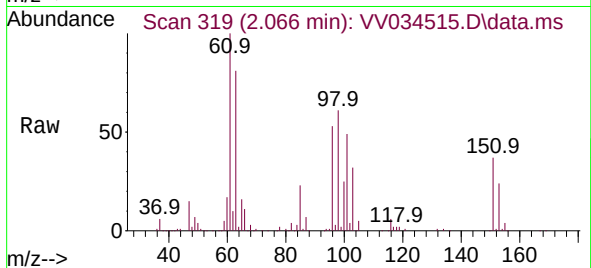




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.881 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

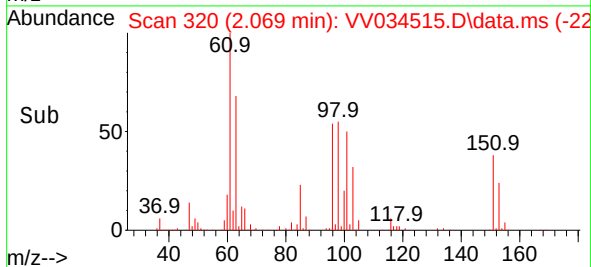
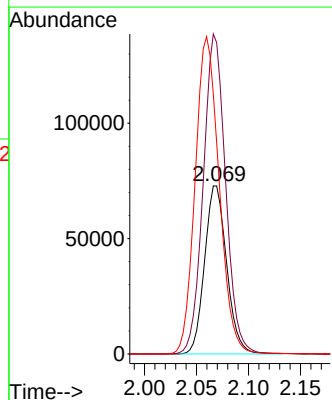
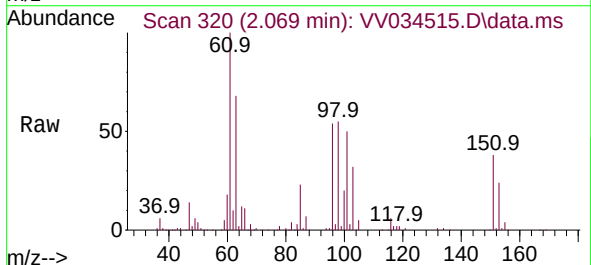
Instrument :
MSVOA_V
ClientSampleId :

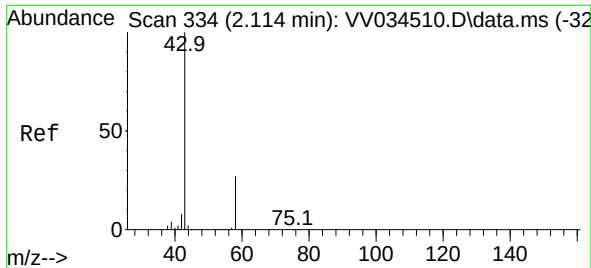
Tgt Ion:101 Resp: 115258
Ion Ratio Lower Upper
101 100
85 46.7 37.4 56.0
151 75.6 61.4 92.2



#12
1,1-Dichloroethene
Concen: 46.077 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

Tgt Ion: 96 Resp: 107334
Ion Ratio Lower Upper
96 100
61 185.2 128.9 239.3
63 125.6 98.0 182.0





#13

Acetone

Concen: 78.046 ug/L

RT: 2.124 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Instrument :

MSVOA_V

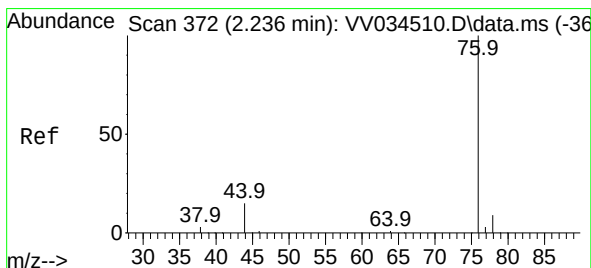
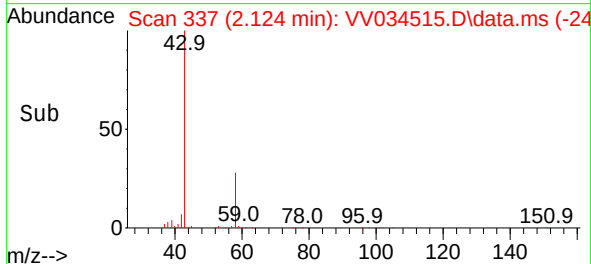
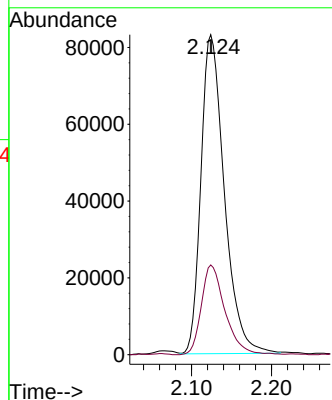
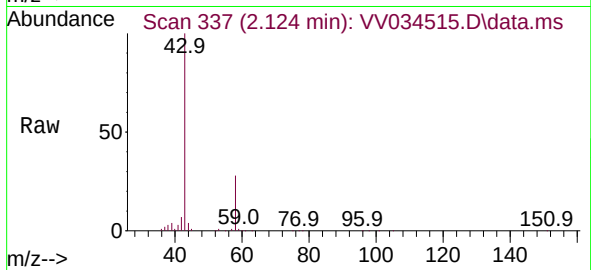
ClientSampleId :

Tgt Ion: 43 Resp: 169209

Ion Ratio Lower Upper

43 100

58 28.2 0.0 57.2



#14

Carbon disulfide

Concen: 47.302 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV034515.D

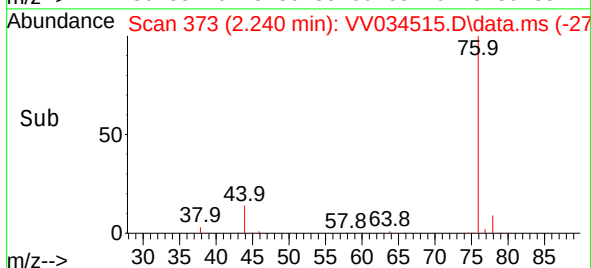
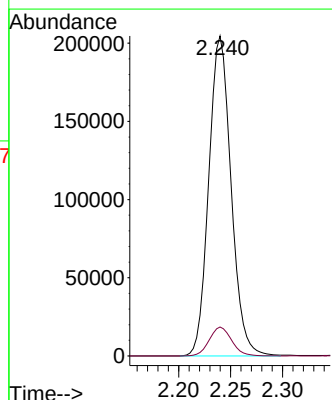
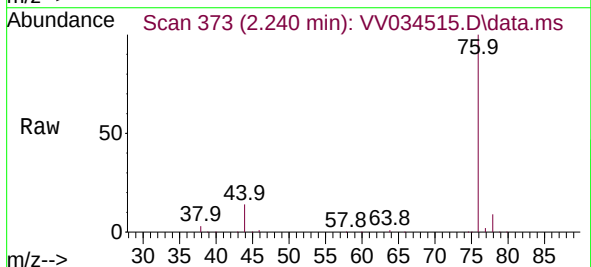
Acq: 06 Mar 2024 17:23

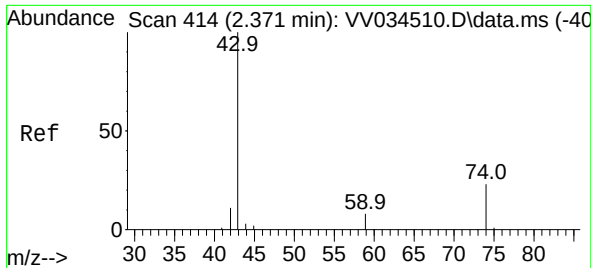
Tgt Ion: 76 Resp: 305798

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

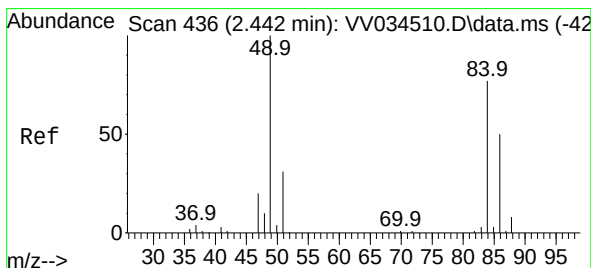
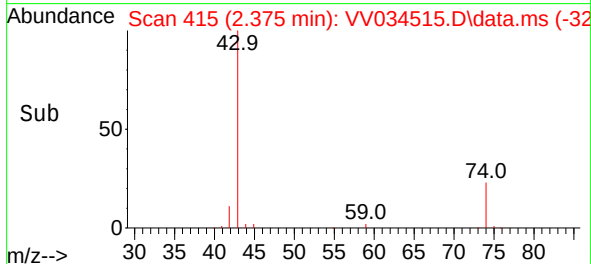
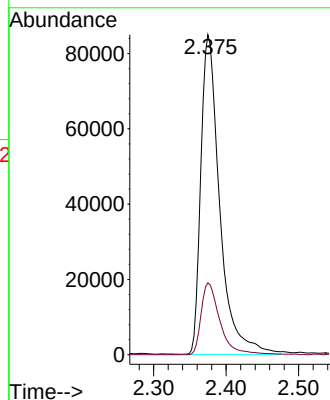
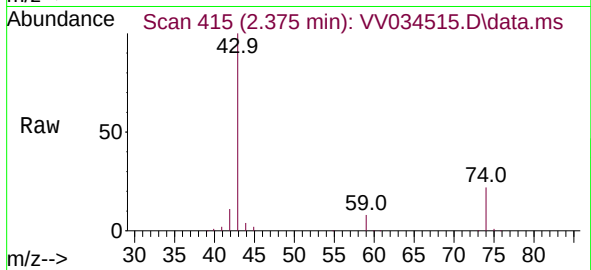




#15
Methyl Acetate
Concen: 55.378 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

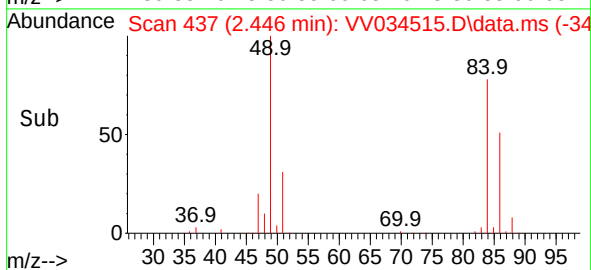
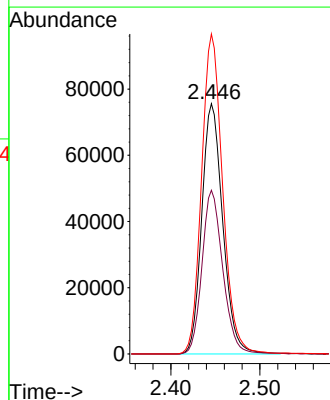
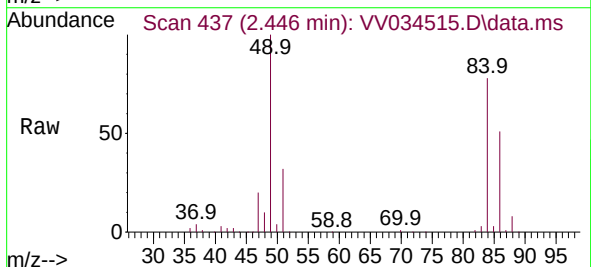
Instrument :
MSVOA_V
ClientSampleId :

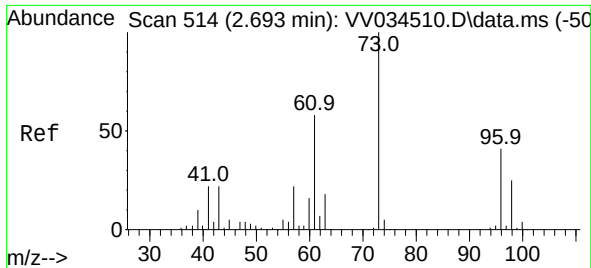
Tgt Ion: 43 Resp: 153601
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.8



#16
Methylene chloride
Concen: 50.012 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

Tgt Ion: 84 Resp: 123575
Ion Ratio Lower Upper
84 100
86 65.4 45.6 84.6
49 127.9 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 48.273 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Instrument :

MSVOA_V

ClientSampleId :

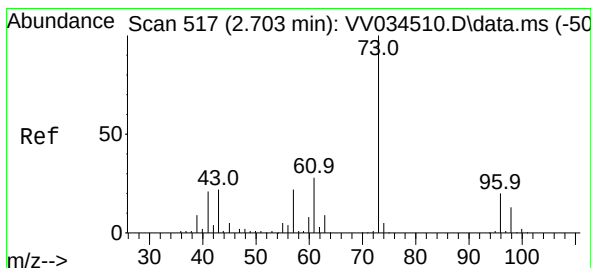
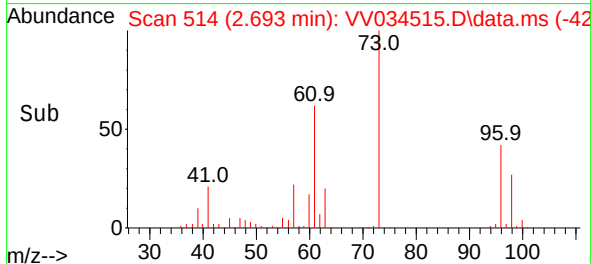
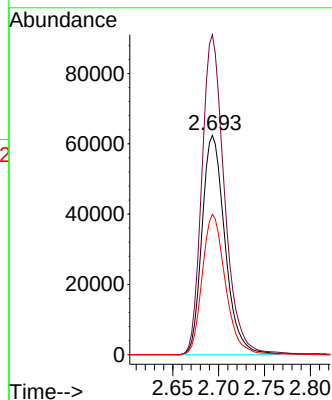
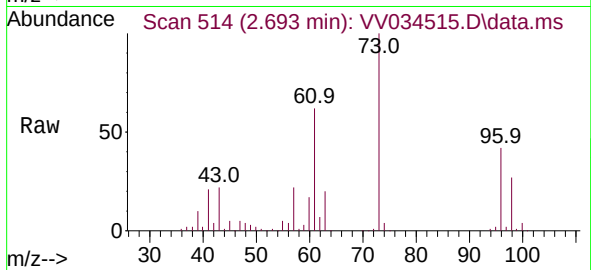
Tgt Ion: 96 Resp: 108839

Ion Ratio Lower Upper

96 100

61 145.8 98.8 183.4

98 63.9 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 50.360 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

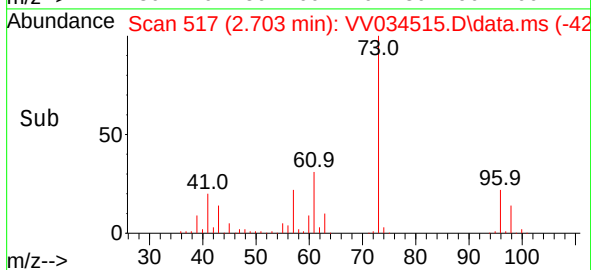
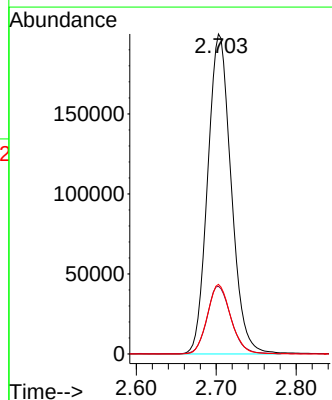
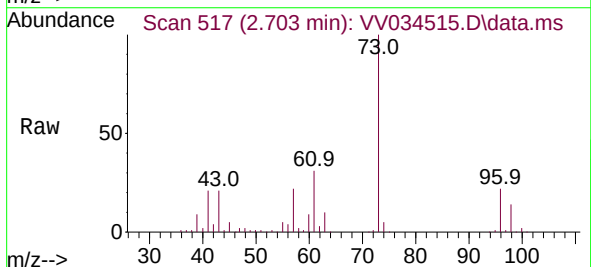
Tgt Ion: 73 Resp: 407754

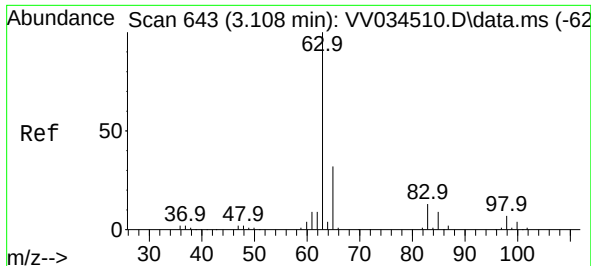
Ion Ratio Lower Upper

73 100

43 21.3 17.1 25.7

57 21.7 17.6 26.4

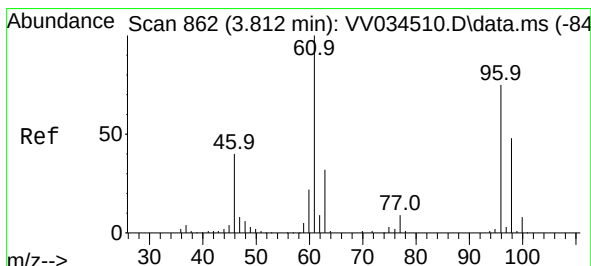
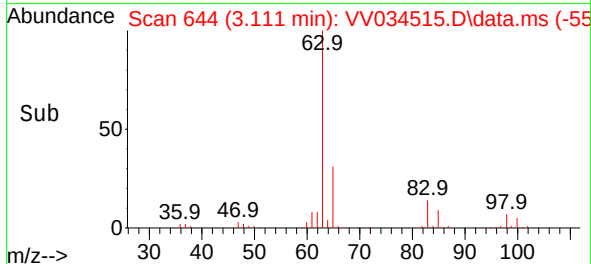
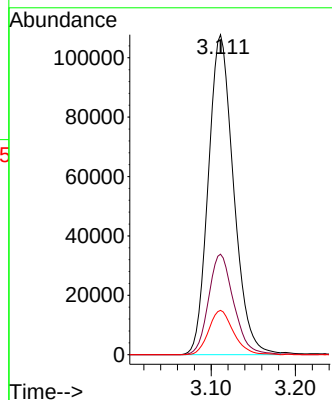
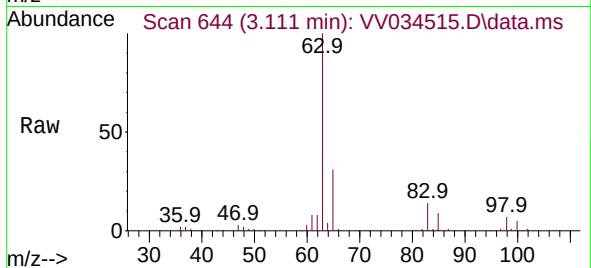




#19
1,1-Dichloroethane
Concen: 50.832 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

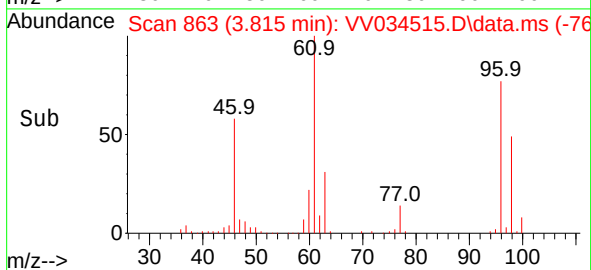
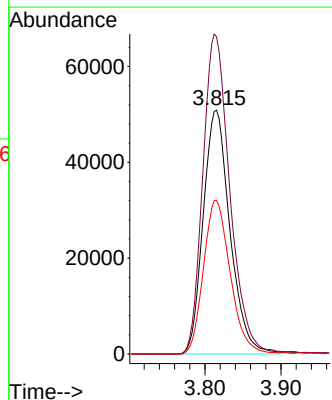
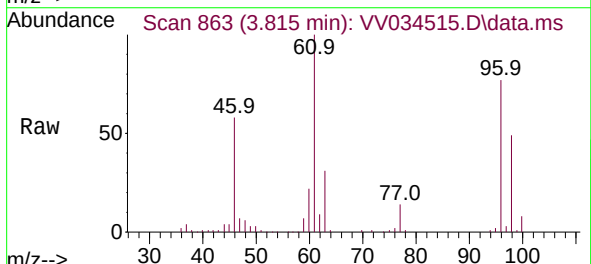
Instrument :
MSVOA_V
ClientSampleId :

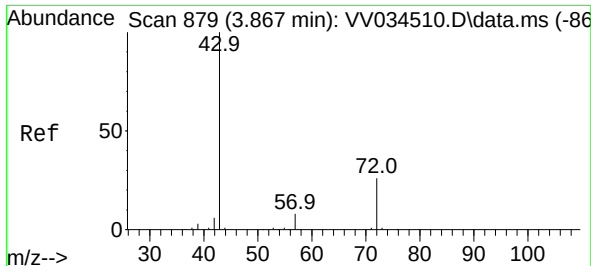
Tgt Ion: 63 Resp: 224509
Ion Ratio Lower Upper
63 100
65 31.4 22.1 41.1
83 13.9 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 50.812 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

Tgt Ion: 96 Resp: 124301
Ion Ratio Lower Upper
96 100
61 130.0 96.0 178.4
98 63.1 46.0 85.4

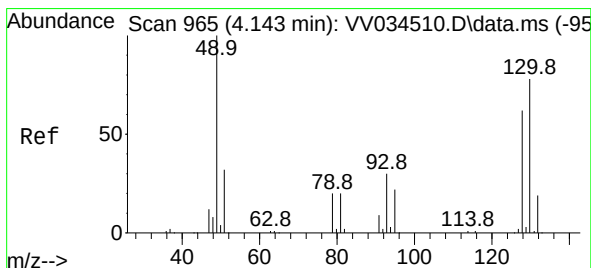
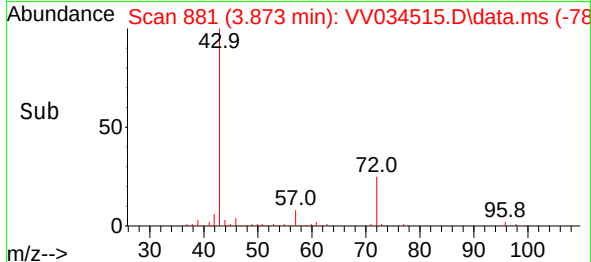
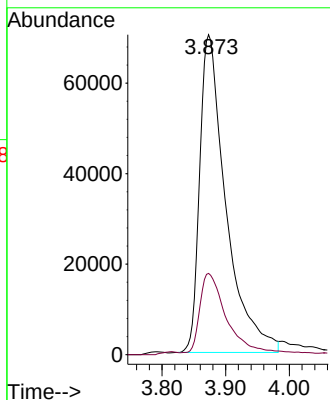
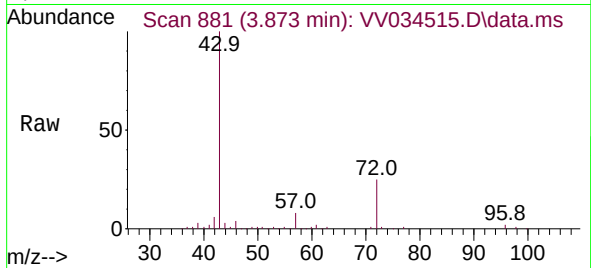




#22
2-Butanone
Concen: 94.067 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.007 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

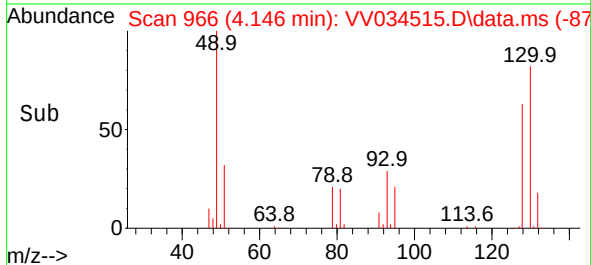
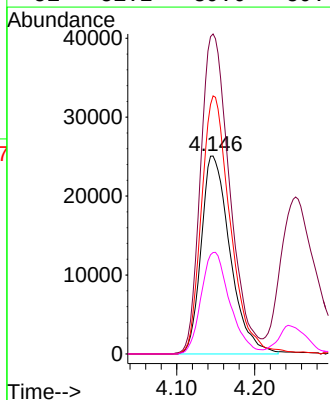
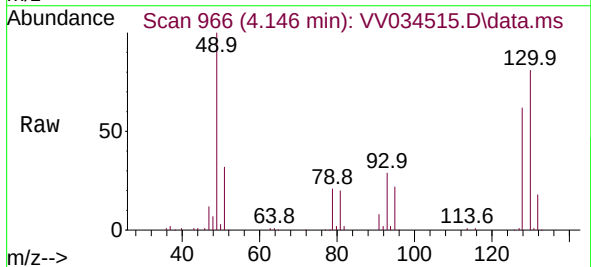
Instrument :
MSVOA_V
ClientSampleId :

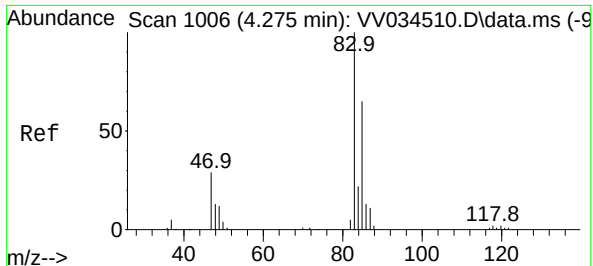
Tgt Ion: 43 Resp: 201391
Ion Ratio Lower Upper
43 100
72 25.3 11.5 34.4



#23
Bromochloromethane
Concen: 50.994 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

Tgt Ion:128 Resp: 64506
Ion Ratio Lower Upper
128 100
49 161.7 109.4 203.2
130 130.4 87.7 162.9
51 51.2 39.6 59.4





#25

Chloroform

Concen: 49.589 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Instrument :

MSVOA_V

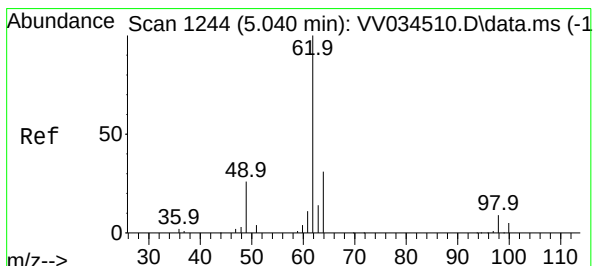
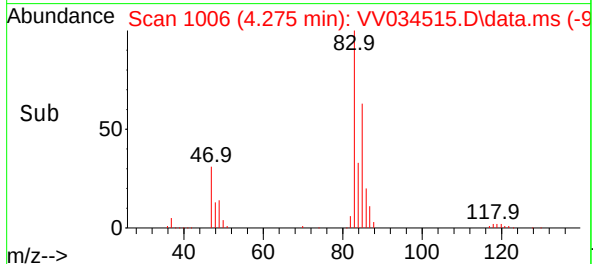
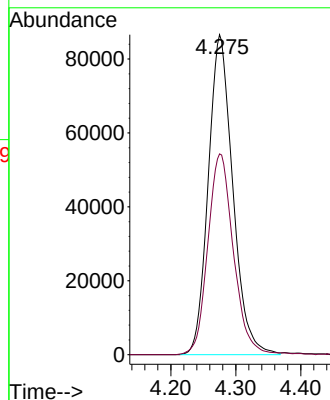
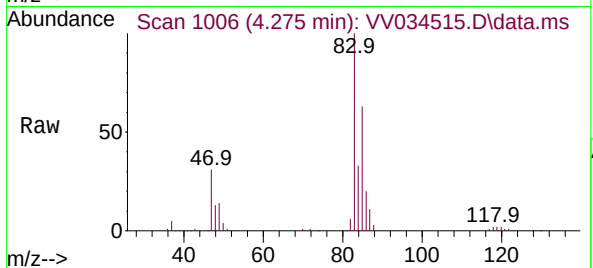
ClientSampleId :

Tgt Ion: 83 Resp: 227010

Ion Ratio Lower Upper

83 100

85 62.8 45.5 84.5



#27

1,2-Dichloroethane

Concen: 50.193 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.000 min

Lab File: VV034515.D

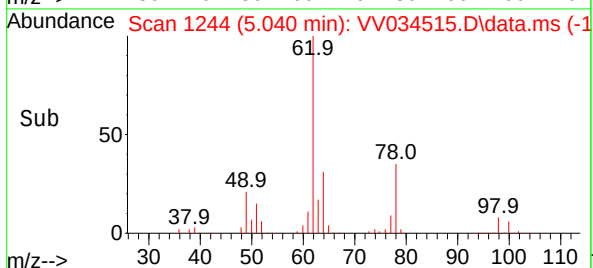
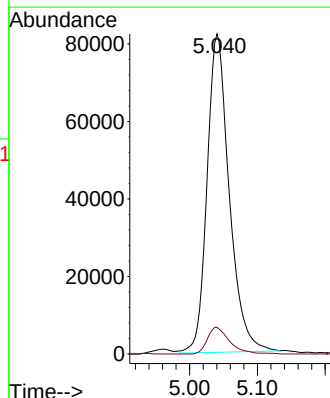
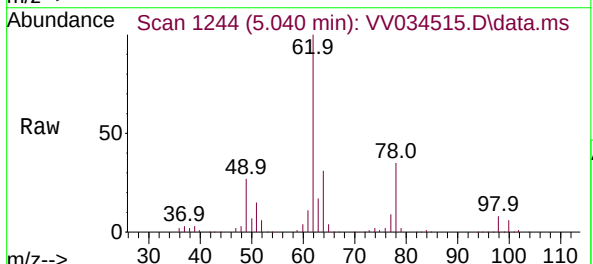
Acq: 06 Mar 2024 17:23

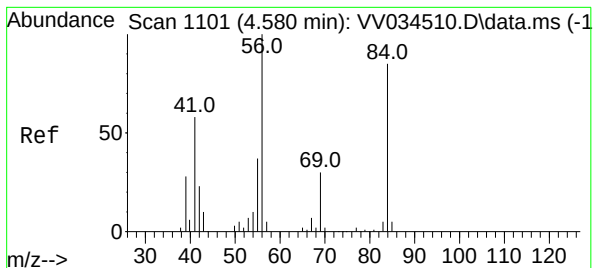
Tgt Ion: 62 Resp: 186685

Ion Ratio Lower Upper

62 100

98 8.3 6.6 10.0





#29

Cyclohexane

Concen: 48.031 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Instrument :

MSVOA_V

ClientSampleId :

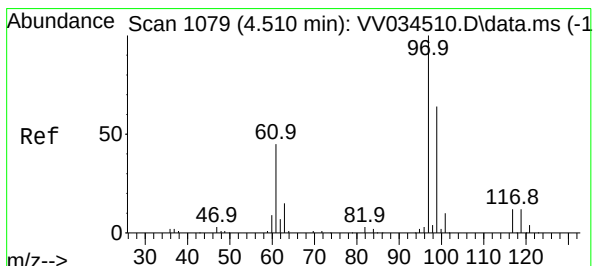
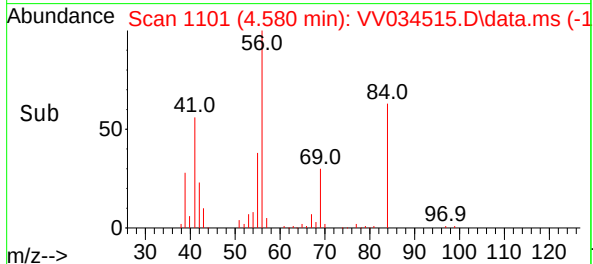
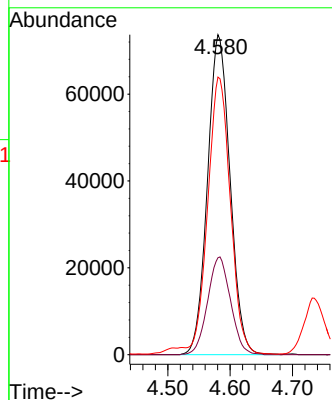
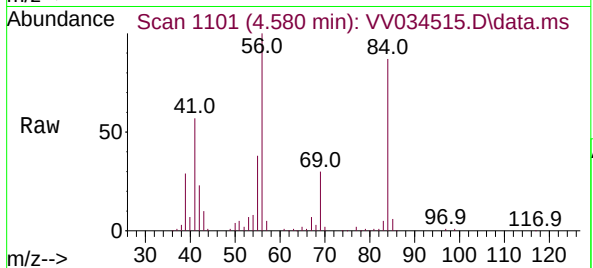
Tgt Ion: 56 Resp: 185433

Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.4

84 85.9 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 48.874 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

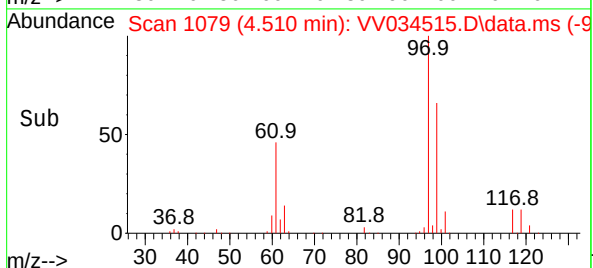
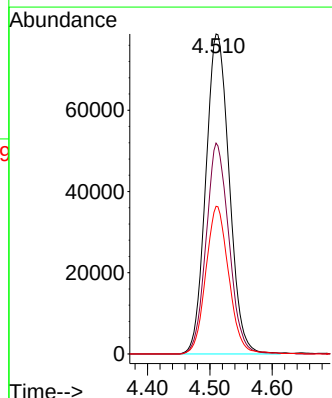
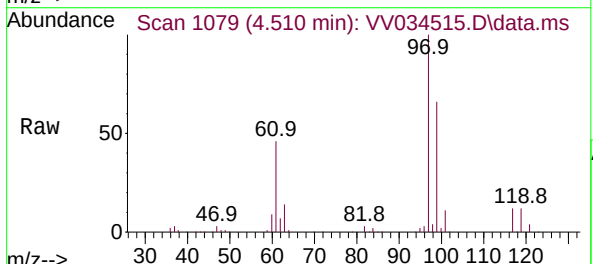
Tgt Ion: 97 Resp: 205707

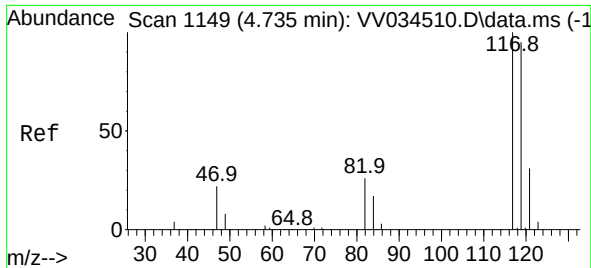
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 44.9 36.0 54.0

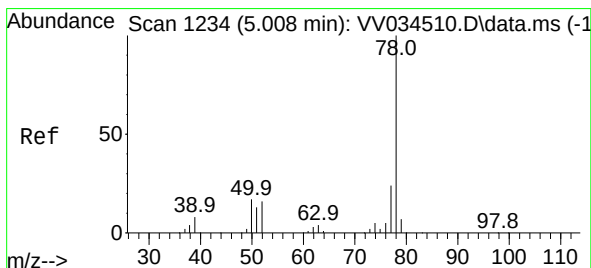
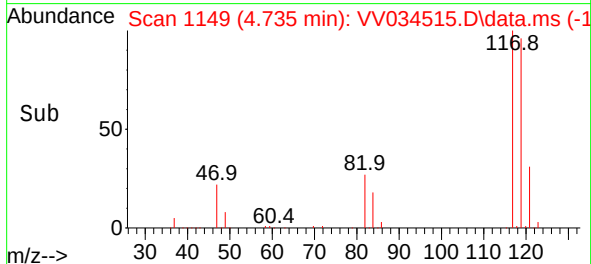
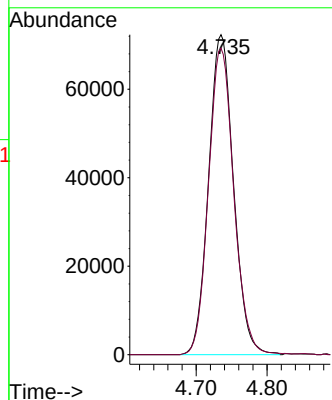
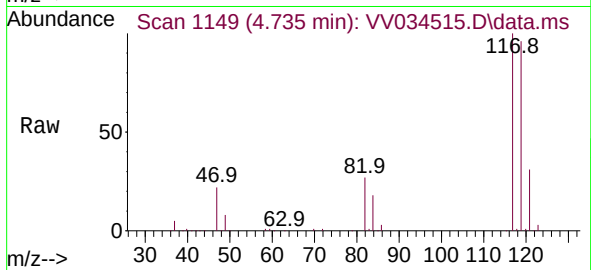




#31
Carbon tetrachloride
Concen: 47.569 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

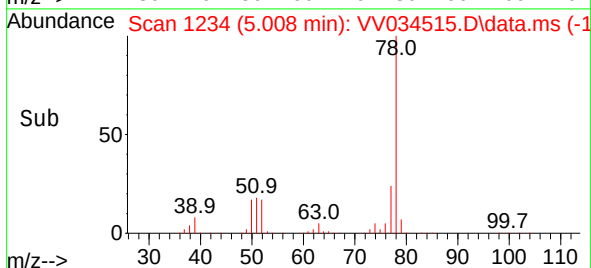
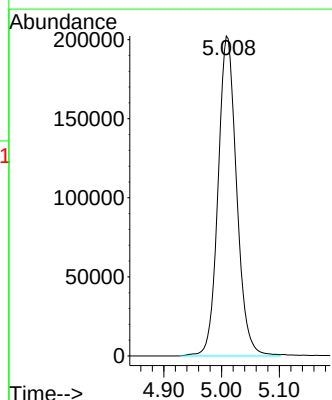
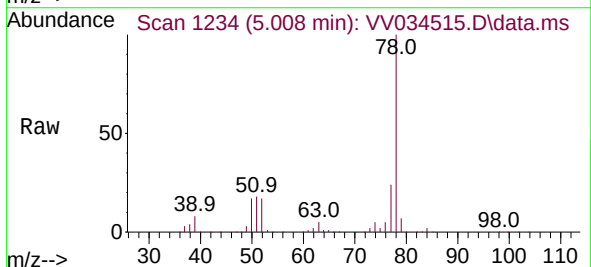
Instrument :
MSVOA_V
ClientSampleId :

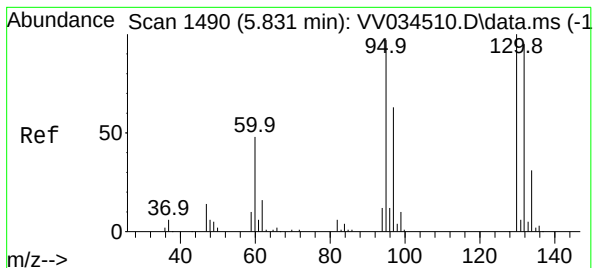
Tgt Ion:117 Resp: 177261
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 49.542 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

Tgt Ion: 78 Resp: 451365





#34

Trichloroethene

Concen: 49.527 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 128264

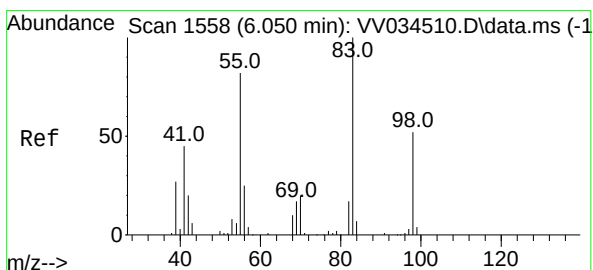
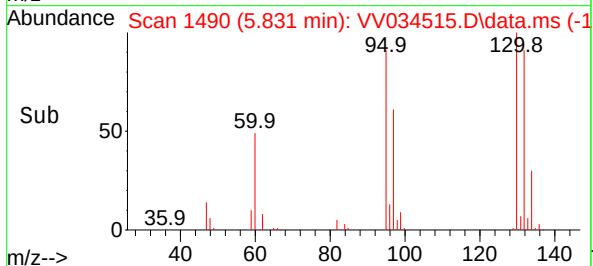
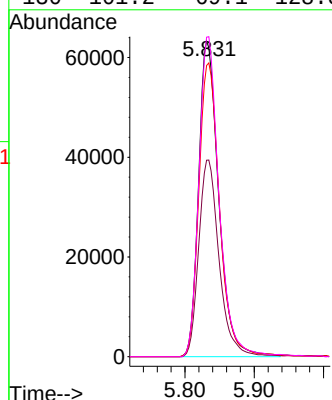
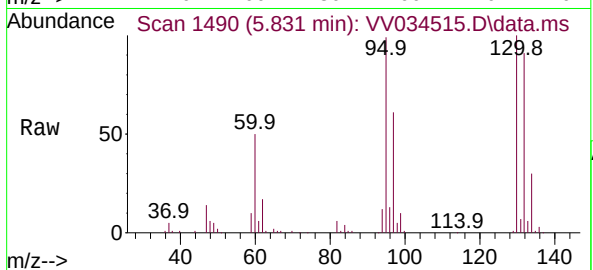
Ion Ratio Lower Upper

95 100

97 62.2 44.7 83.1

132 92.2 65.3 121.3

130 101.2 69.1 128.3



#35

Methylcyclohexane

Concen: 48.245 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

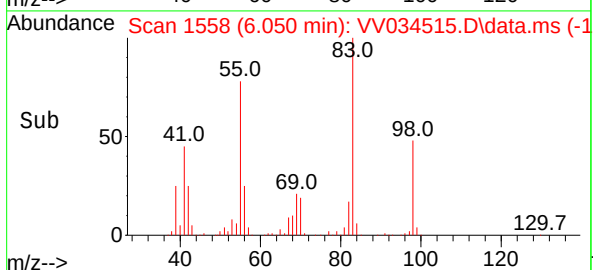
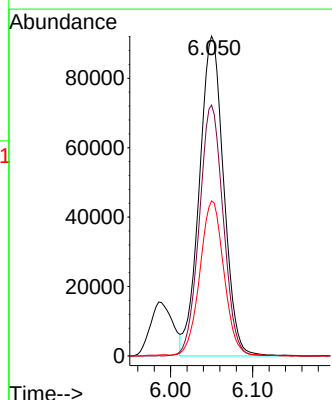
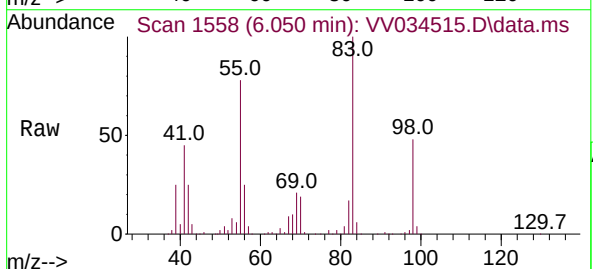
Tgt Ion: 83 Resp: 189946

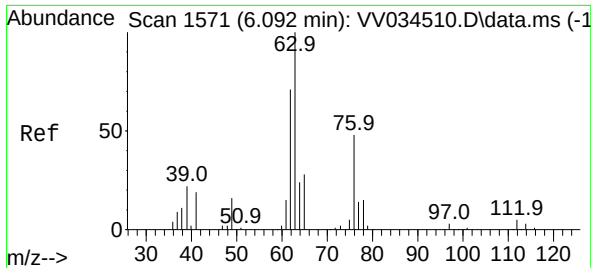
Ion Ratio Lower Upper

83 100

55 77.2 62.6 94.0

98 48.1 39.5 59.3

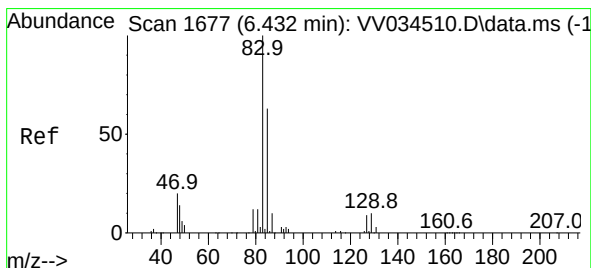
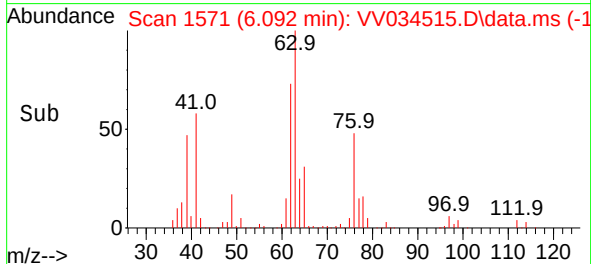
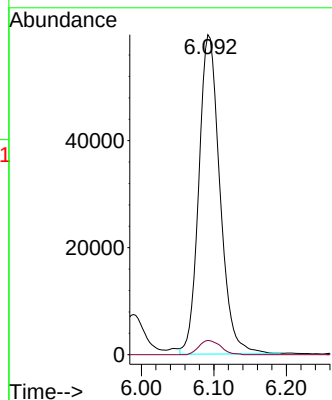
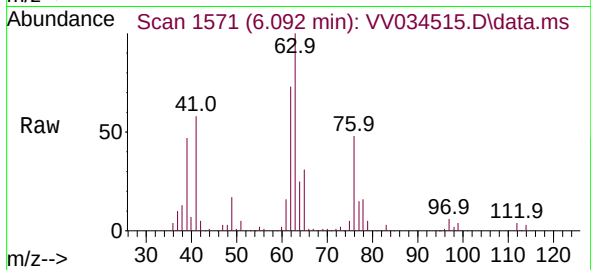




#37
1,2-Dichloropropane
Concen: 50.598 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

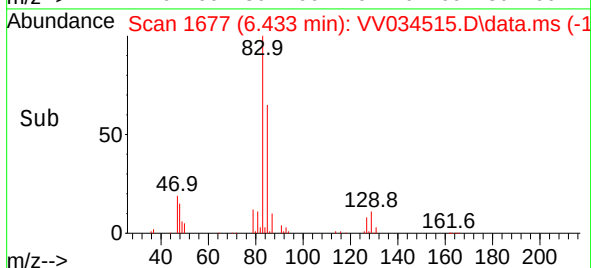
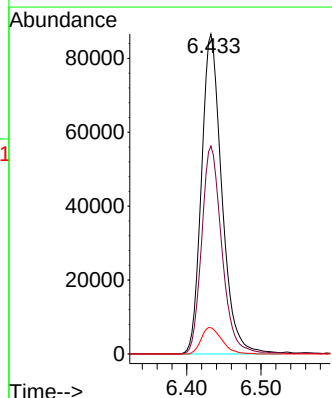
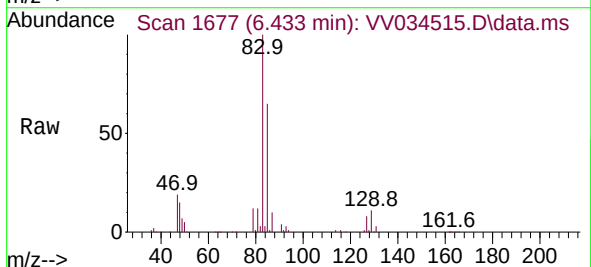
Instrument :
MSVOA_V
ClientSampleId :

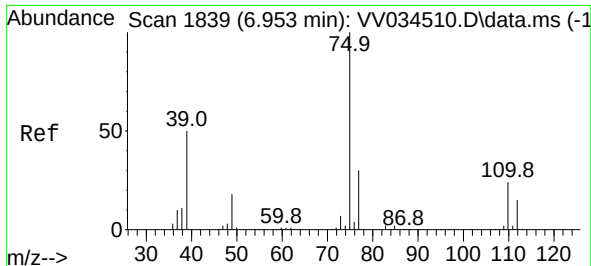
Tgt Ion: 63 Resp: 120691
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 49.302 ug/L
RT: 6.433 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

Tgt Ion: 83 Resp: 165415
Ion Ratio Lower Upper
83 100
85 64.9 44.6 82.8
127 8.2 6.9 10.3

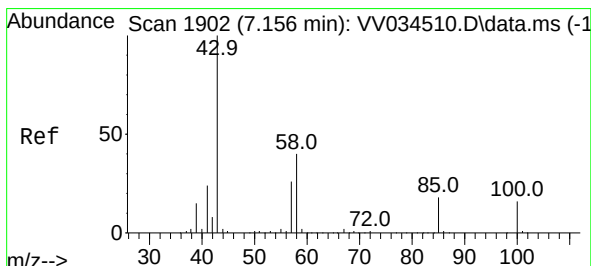
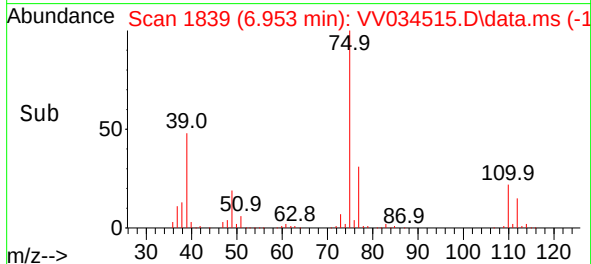
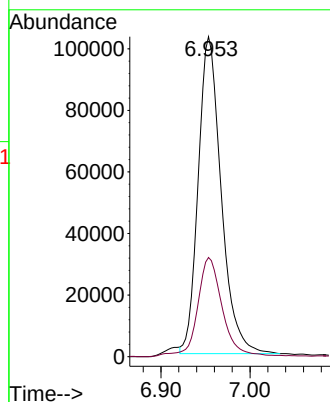
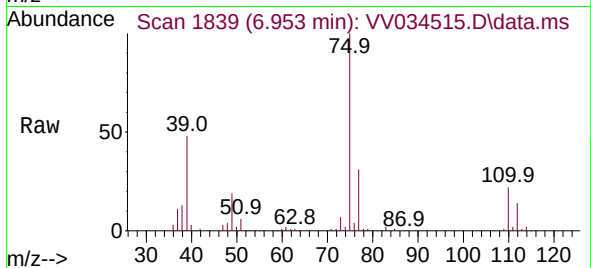




#39
 cis-1,3-Dichloropropene
 Concen: 47.816 ug/L
 RT: 6.953 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: VV034515.D
 Acq: 06 Mar 2024 17:23

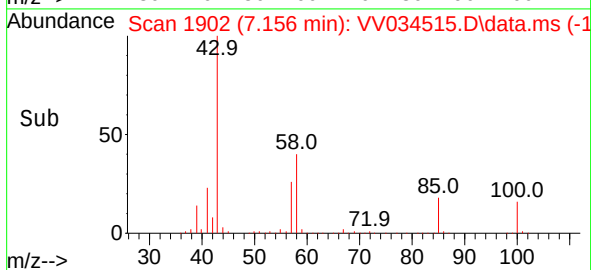
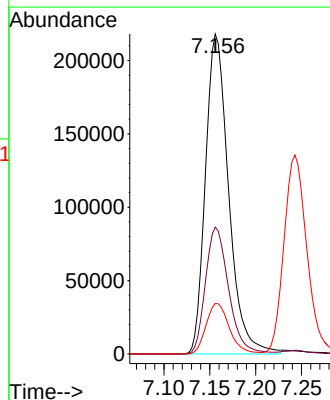
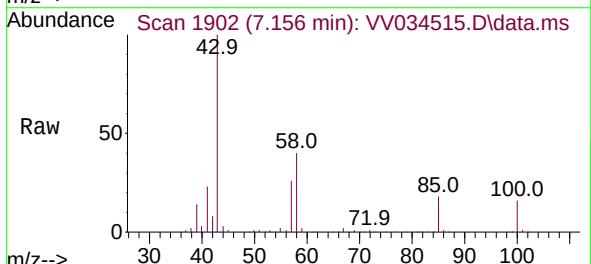
Instrument :
 MSVOA_V
 ClientSampleId :

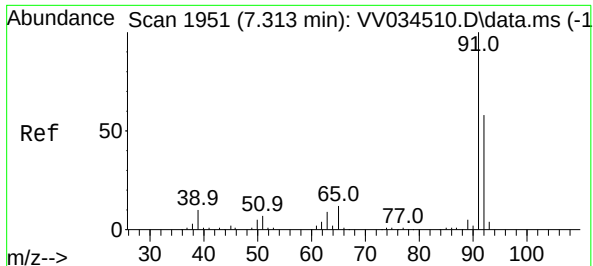
Tgt Ion: 75 Resp: 184790
 Ion Ratio Lower Upper
 75 100
 77 31.0 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 109.213 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VV034515.D
 Acq: 06 Mar 2024 17:23

Tgt Ion: 43 Resp: 384128
 Ion Ratio Lower Upper
 43 100
 58 39.5 30.6 46.0
 100 15.9 12.5 18.7





#42

Toluene

Concen: 49.318 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Instrument :

MSVOA_V

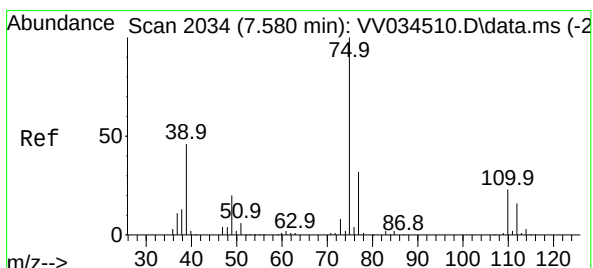
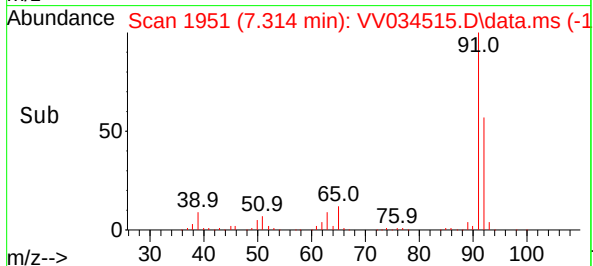
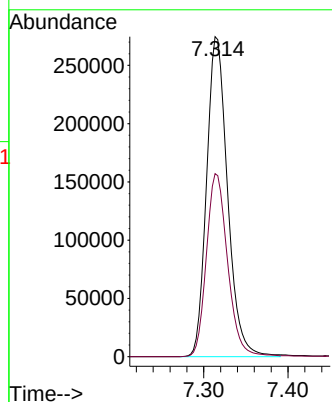
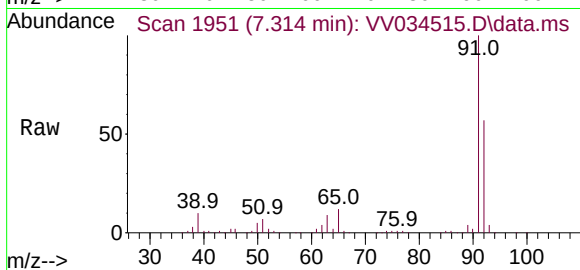
ClientSampleId :

Tgt Ion: 91 Resp: 475537

Ion Ratio Lower Upper

91 100

92 57.2 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 49.705 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV034515.D

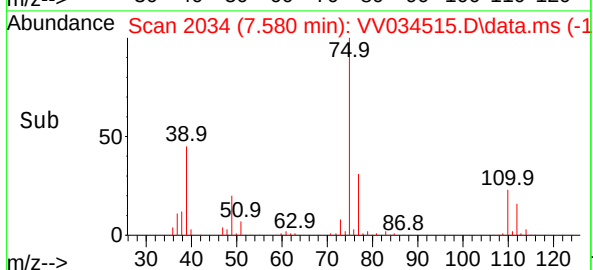
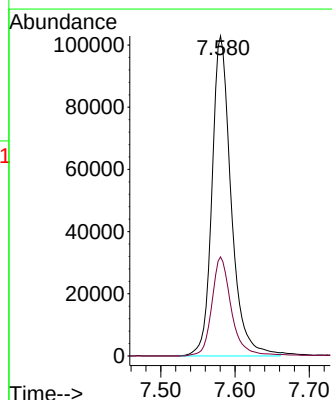
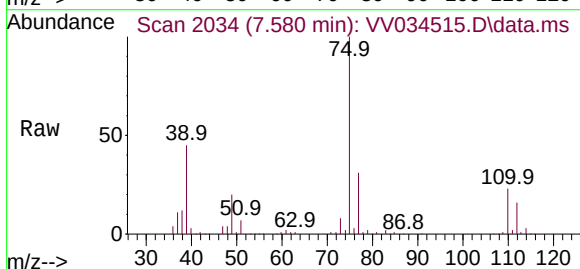
Acq: 06 Mar 2024 17:23

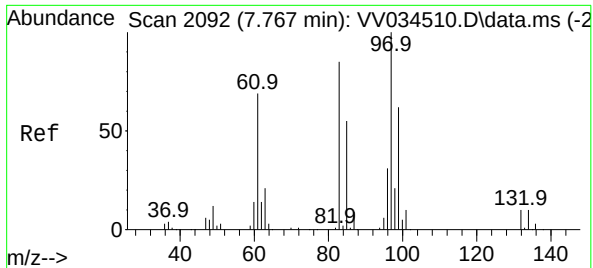
Tgt Ion: 75 Resp: 184747

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 51.358 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 118198

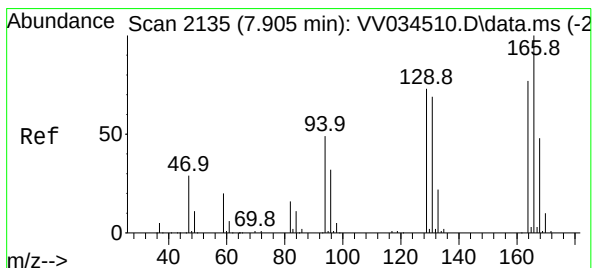
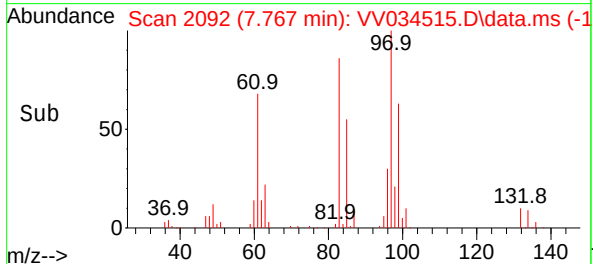
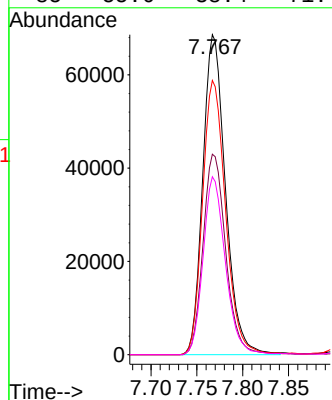
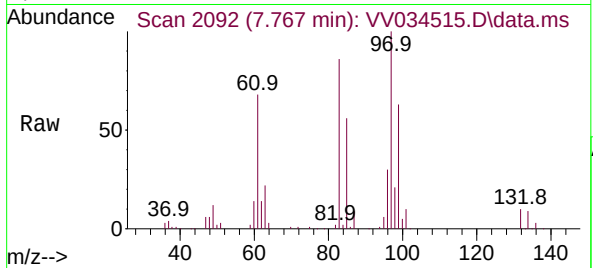
Ion Ratio Lower Upper

97 100

99 62.6 43.8 81.4

83 85.7 59.4 110.2

85 55.6 38.4 71.4



#46

Tetrachloroethene

Concen: 47.324 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Tgt Ion: 164 Resp: 91145

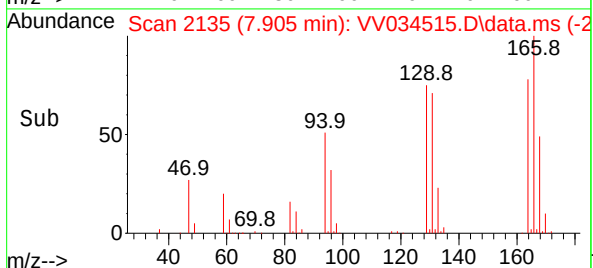
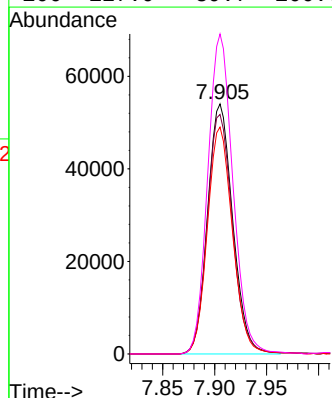
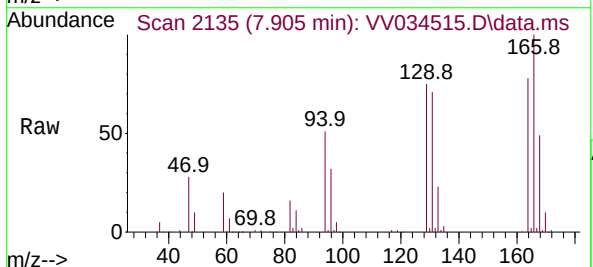
Ion Ratio Lower Upper

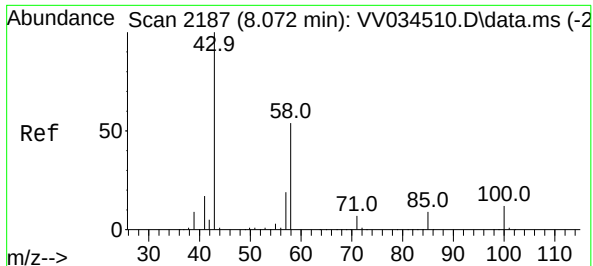
164 100

129 95.7 65.7 121.9

131 90.7 62.2 115.6

166 127.9 89.7 166.7

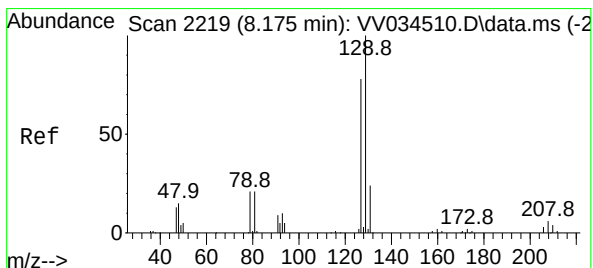
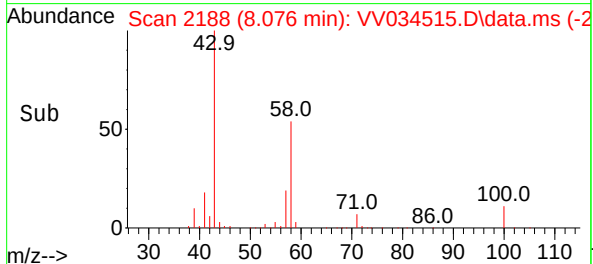
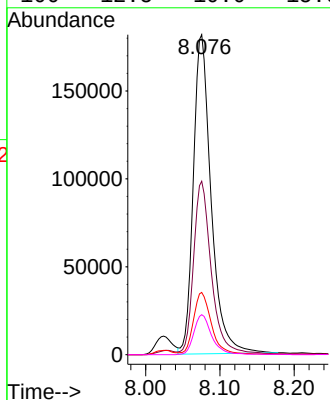
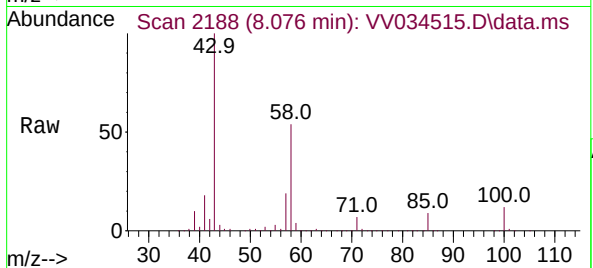




#48
2-Hexanone
Concen: 108.314 ug/L
RT: 8.076 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

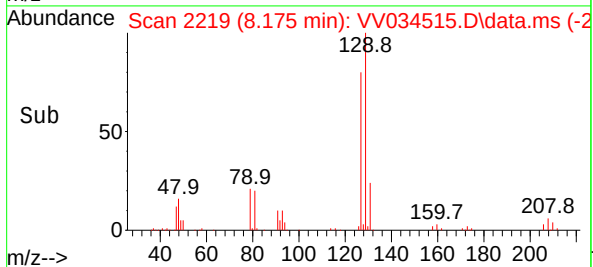
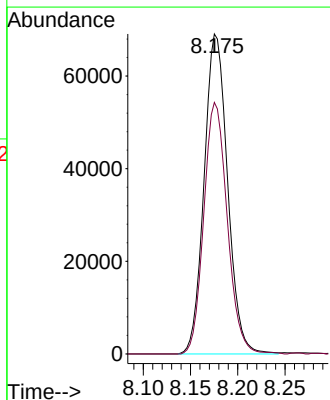
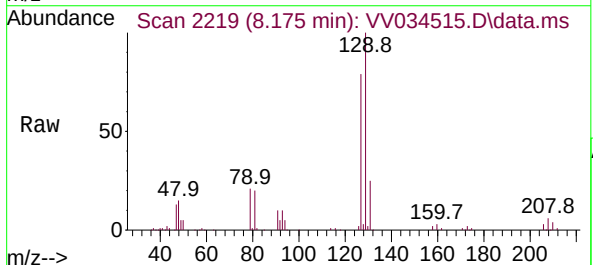
Instrument :
MSVOA_V
ClientSampleId :

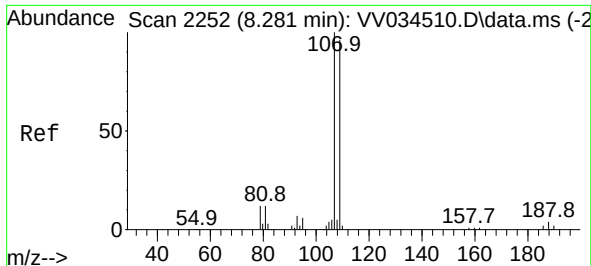
Tgt Ion: 43 Resp: 303570
Ion Ratio Lower Upper
43 100
58 54.2 42.0 63.0
57 19.6 15.2 22.8
100 12.5 10.0 15.0



#49
Dibromochloromethane
Concen: 49.140 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

Tgt Ion:129 Resp: 119345
Ion Ratio Lower Upper
129 100
127 78.6 53.3 98.9

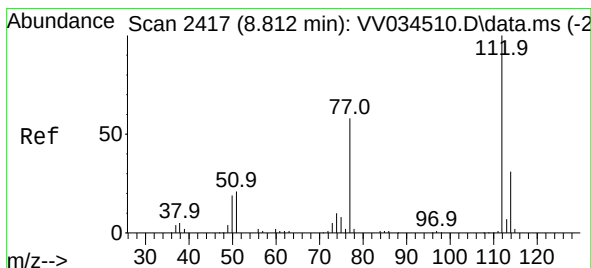
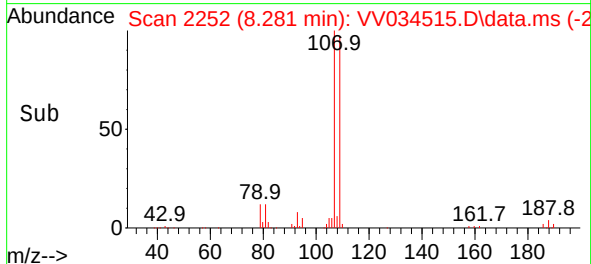
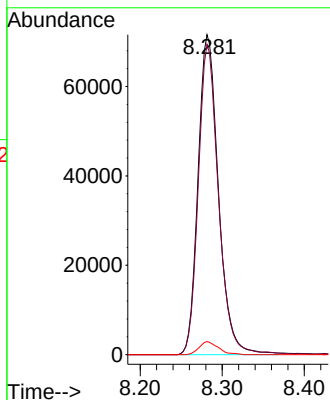
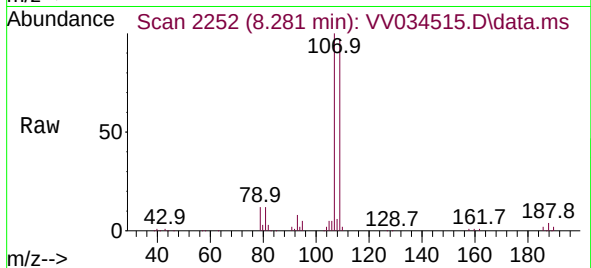




#50
1,2-Dibromoethane
Concen: 50.749 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

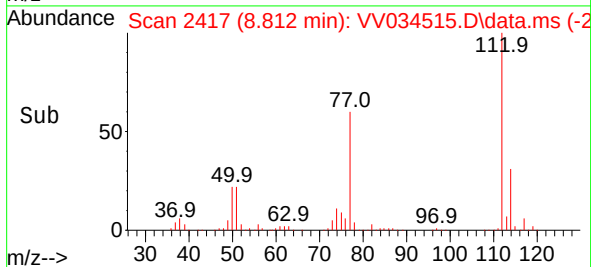
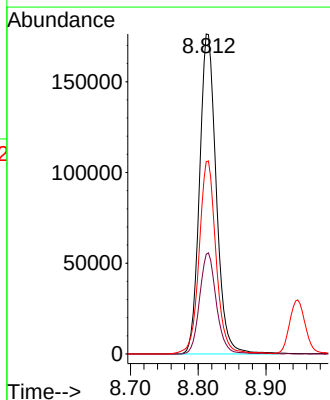
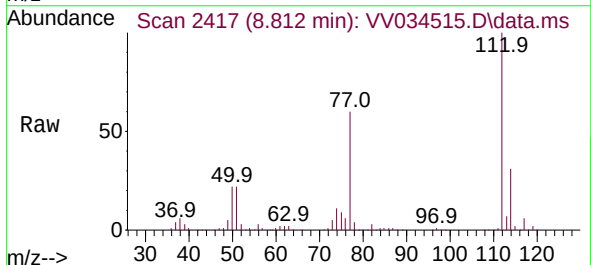
Instrument :
MSVOA_V
ClientSampleId :

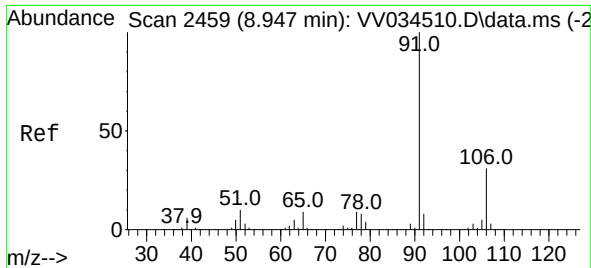
Tgt Ion:107 Resp: 123940
Ion Ratio Lower Upper
107 100
109 97.0 66.5 123.5
188 4.1 3.4 5.2



#51
Chlorobenzene
Concen: 48.481 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

Tgt Ion:112 Resp: 302209
Ion Ratio Lower Upper
112 100
114 31.2 22.3 41.5
77 60.1 47.7 71.5

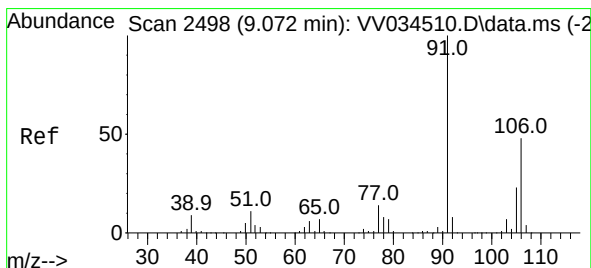
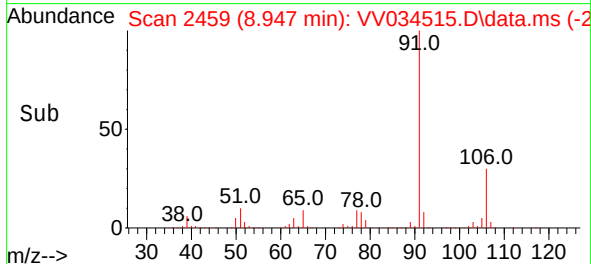
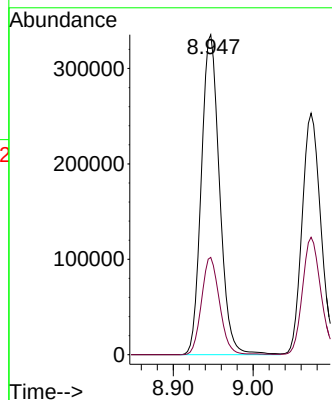
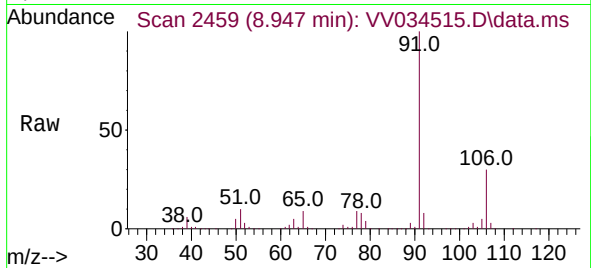




#52
Ethylbenzene
Concen: 49.288 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

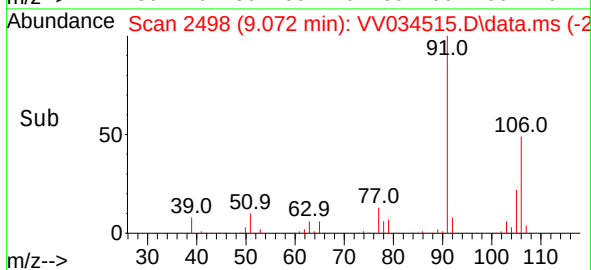
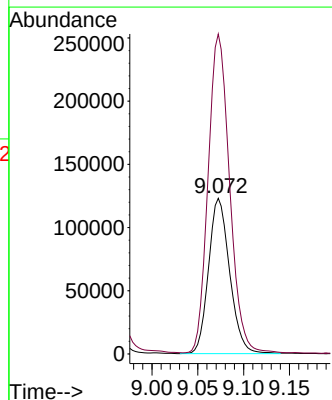
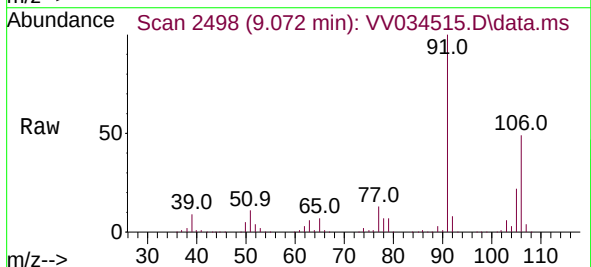
Instrument :
MSVOA_V
ClientSampleId :

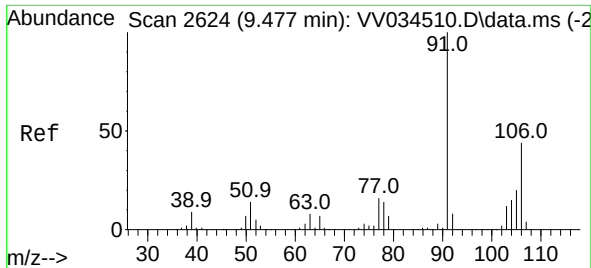
Tgt Ion: 91 Resp: 532513
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 48.071 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

Tgt Ion:106 Resp: 197084
Ion Ratio Lower Upper
106 100
91 205.5 145.3 269.9

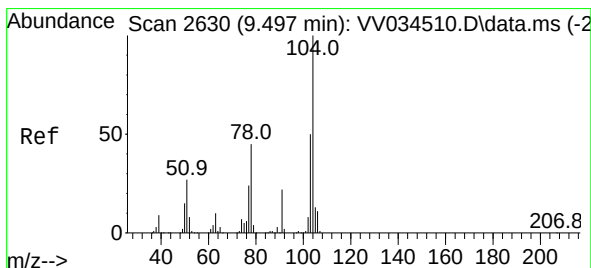
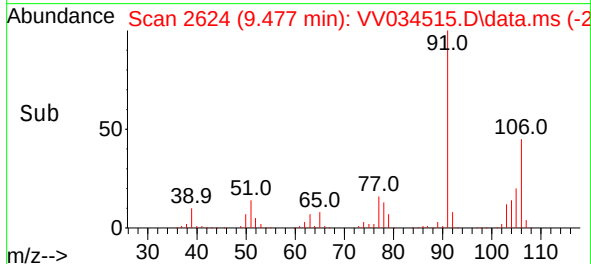
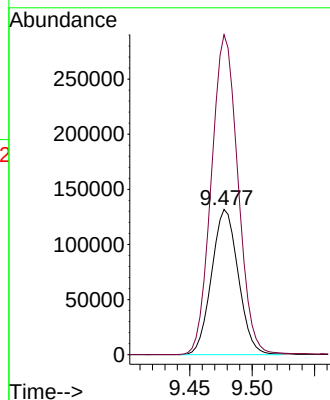
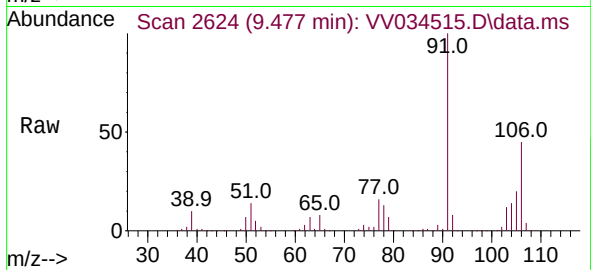




#54
o-Xylene
Concen: 48.974 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

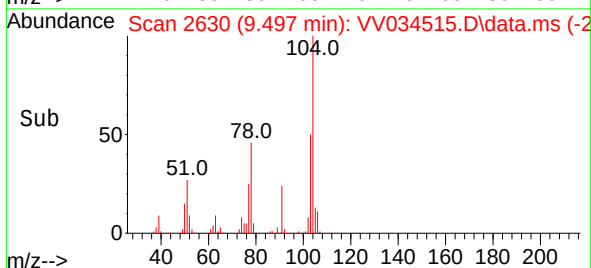
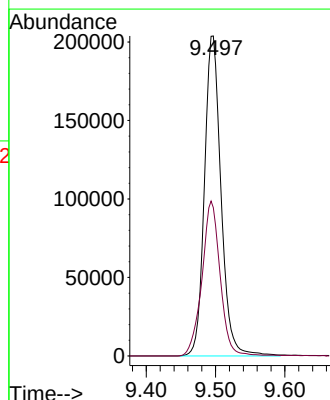
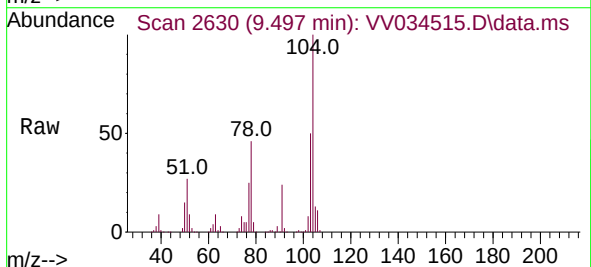
Instrument :
MSVOA_V
ClientSampleId :

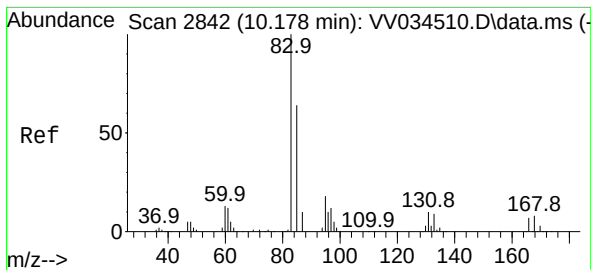
Tgt Ion:106 Resp: 196614
Ion Ratio Lower Upper
106 100
91 220.3 152.2 282.7



#55
Styrene
Concen: 49.856 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

Tgt Ion:104 Resp: 338889
Ion Ratio Lower Upper
104 100
78 46.4 33.0 61.4

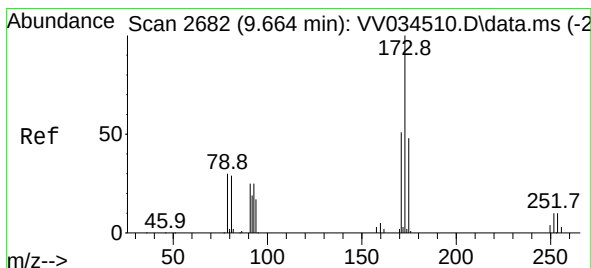
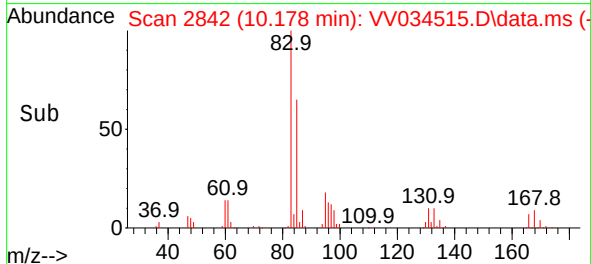
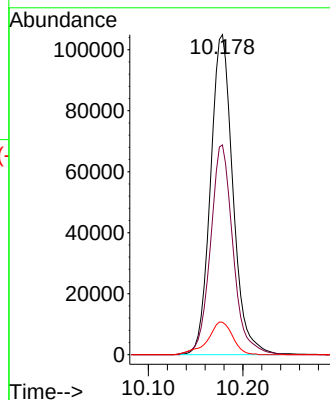
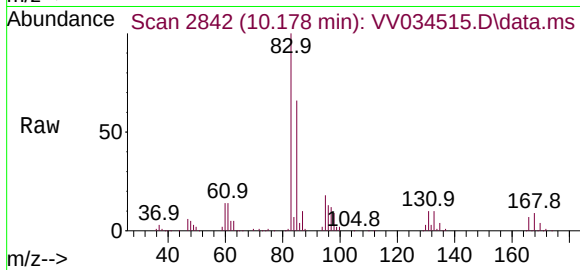




#57
1,1,2,2-Tetrachloroethane
Concen: 50.076 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

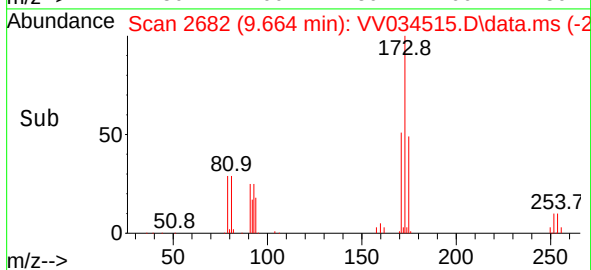
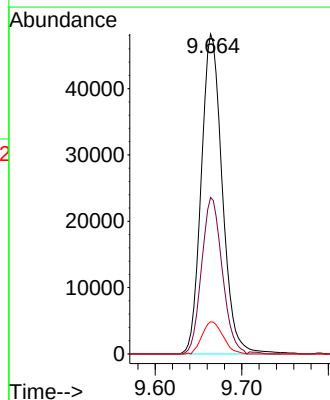
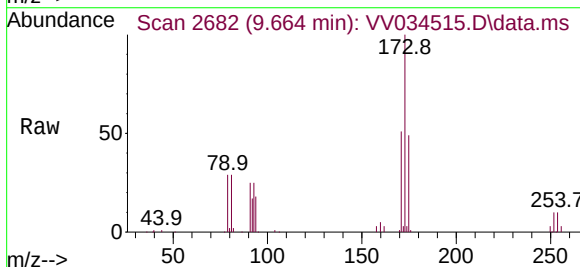
Instrument :
MSVOA_V
ClientSampleId :

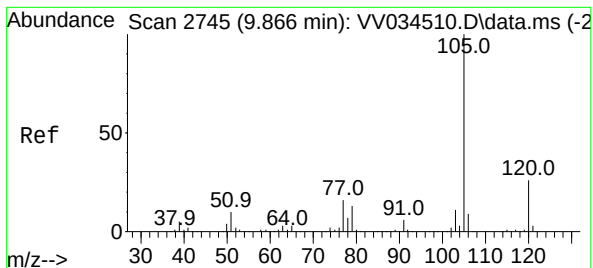
Tgt Ion: 83 Resp: 173099
Ion Ratio Lower Upper
83 100
85 65.5 45.4 84.2
131 10.1 8.3 12.5



#59
Bromoform
Concen: 49.120 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV034515.D
Acq: 06 Mar 2024 17:23

Tgt Ion: 173 Resp: 81306
Ion Ratio Lower Upper
173 100
175 47.9 39.1 58.7
254 10.0 7.8 11.8





#60

Isopropylbenzene

Concen: 50.824 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Instrument :

MSVOA_V

ClientSampleId :

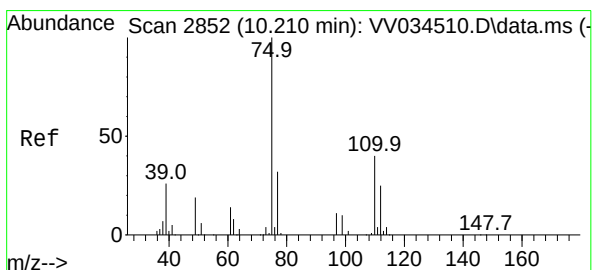
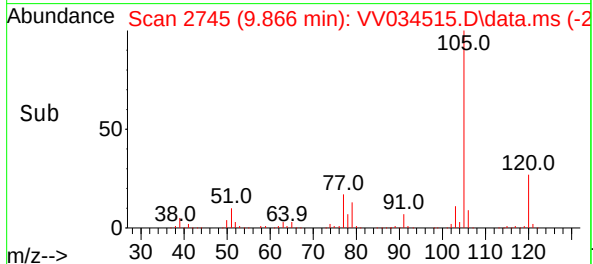
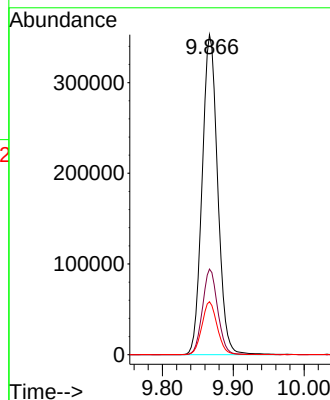
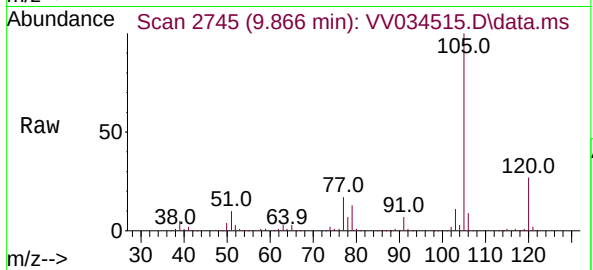
Tgt Ion:105 Resp: 536647

Ion Ratio Lower Upper

105 100

120 26.2 20.8 31.2

77 16.2 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 53.344 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.003 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

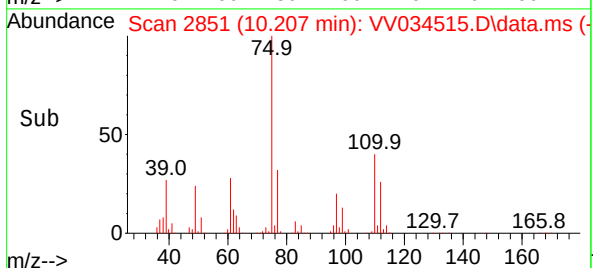
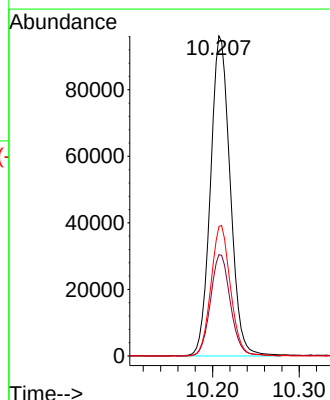
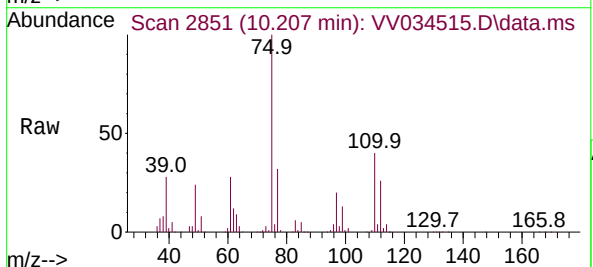
Tgt Ion: 75 Resp: 152025

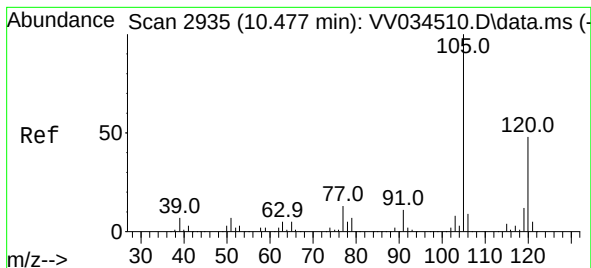
Ion Ratio Lower Upper

75 100

77 32.1 25.9 38.9

110 40.3 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 49.950 ug/L

RT: 10.474 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Instrument :

MSVOA_V

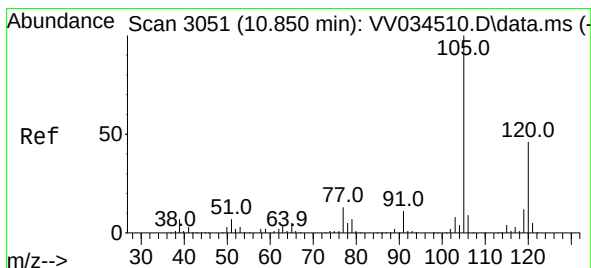
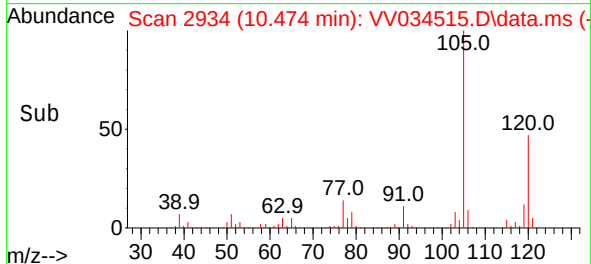
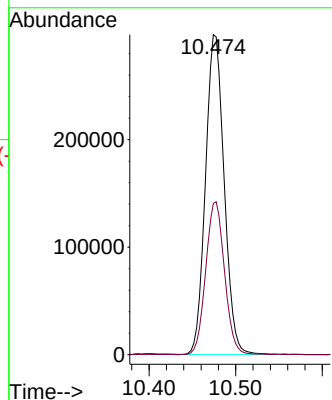
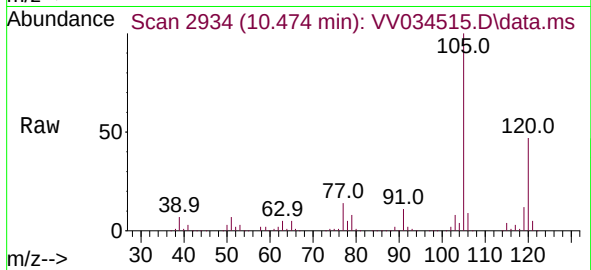
ClientSampleId :

Tgt Ion:105 Resp: 444903

Ion Ratio Lower Upper

105 100

120 48.3 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 50.945 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034515.D

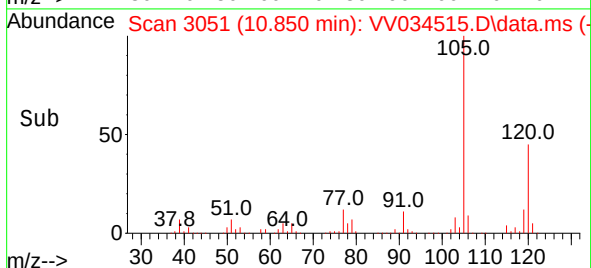
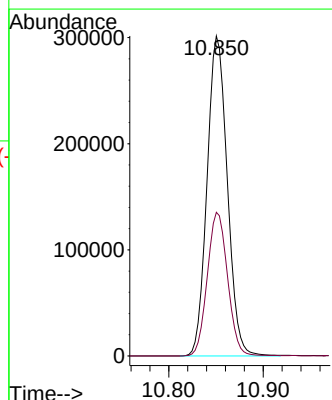
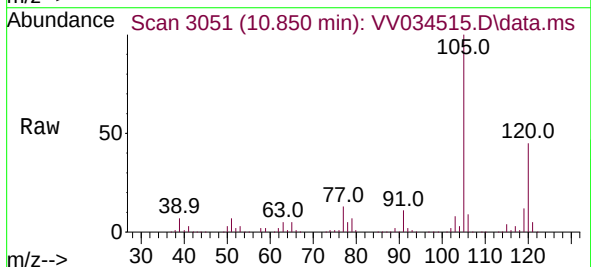
Acq: 06 Mar 2024 17:23

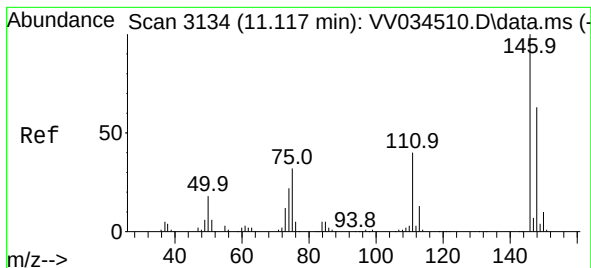
Tgt Ion:105 Resp: 448793

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 48.470 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Instrument :

MSVOA_V

ClientSampleId :

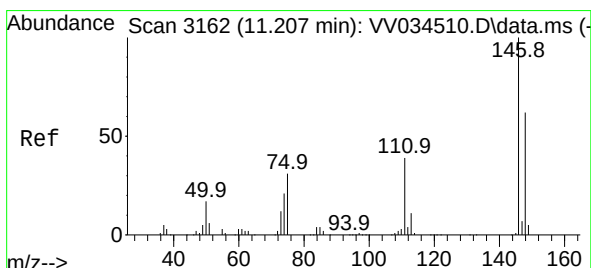
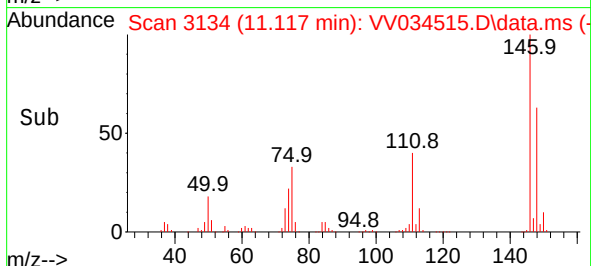
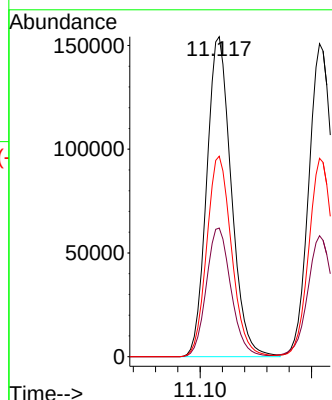
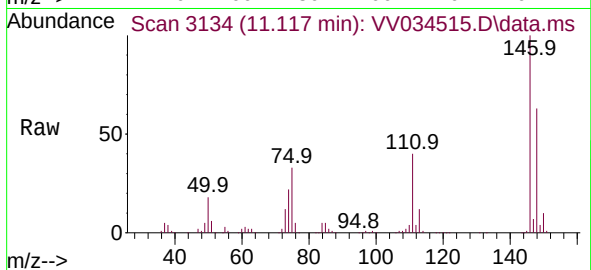
Tgt Ion:146 Resp: 236633

Ion Ratio Lower Upper

146 100

111 40.2 27.9 51.7

148 62.7 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 47.651 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

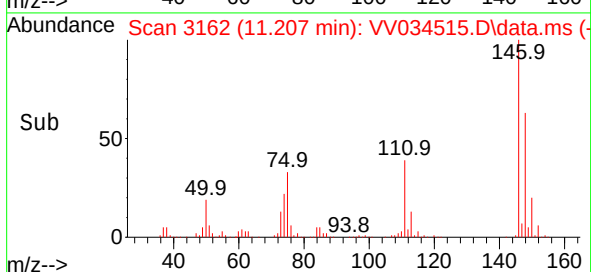
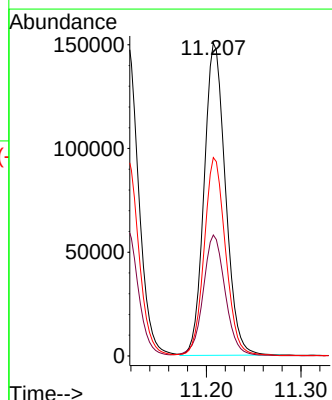
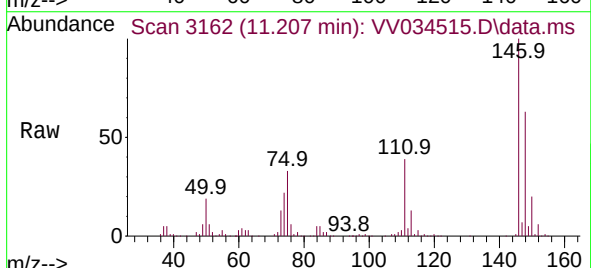
Tgt Ion:146 Resp: 236239

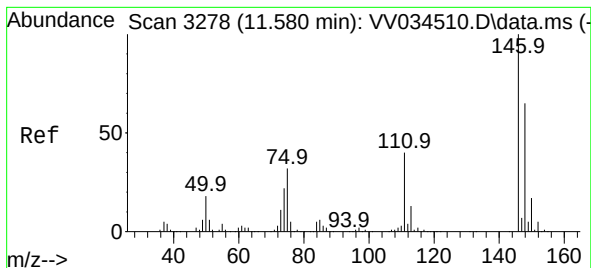
Ion Ratio Lower Upper

146 100

111 38.6 26.5 49.1

148 63.4 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 48.670 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Instrument :

MSVOA_V

ClientSampleId :

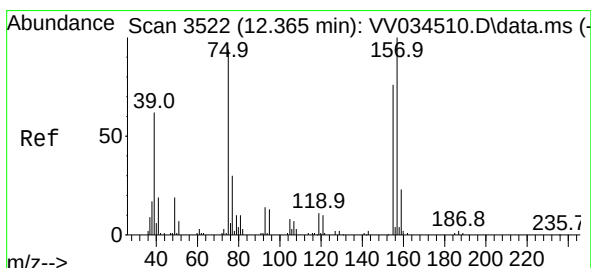
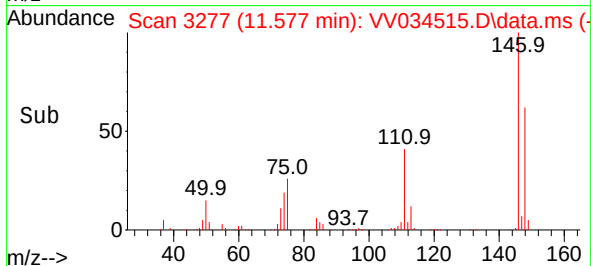
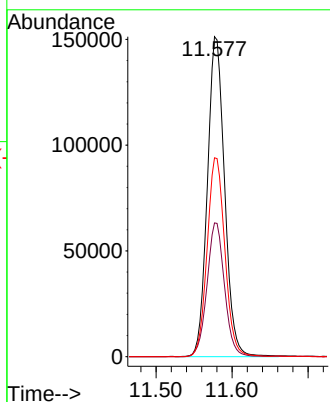
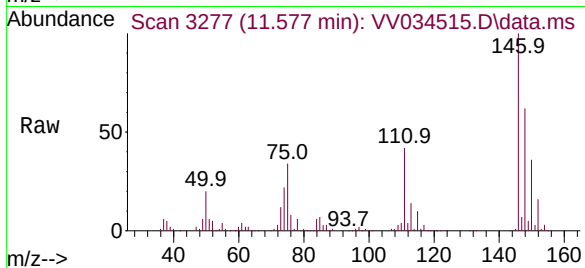
Tgt Ion:146 Resp: 238094

Ion Ratio Lower Upper

146 100

111 41.8 33.8 50.8

148 62.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 52.739 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

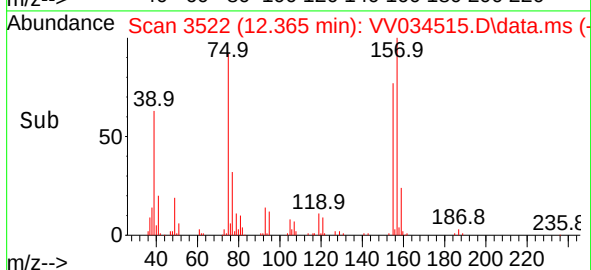
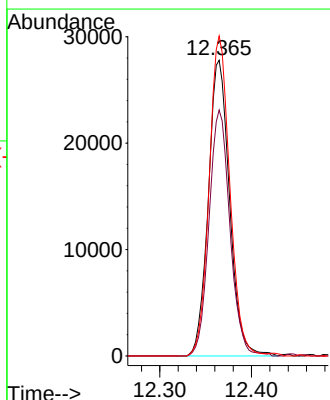
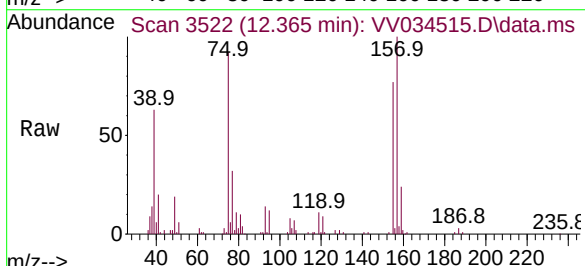
Tgt Ion: 75 Resp: 44772

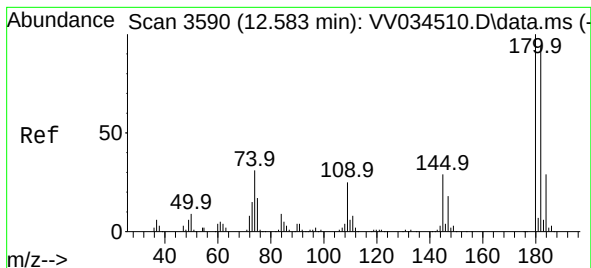
Ion Ratio Lower Upper

75 100

155 83.2 63.3 94.9

157 108.2 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 46.920 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

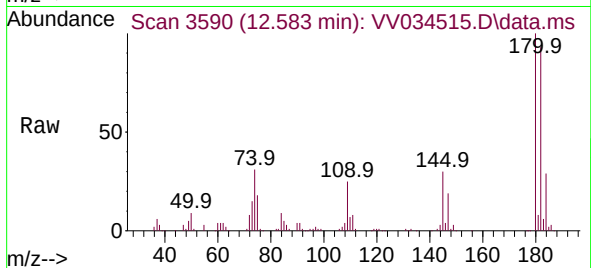
Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 171843

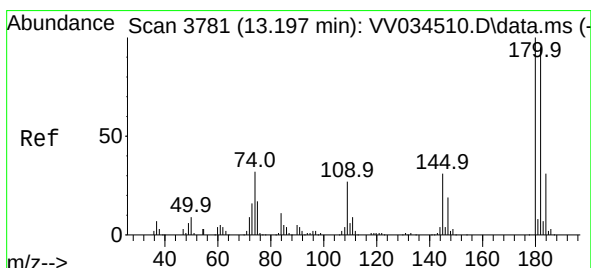
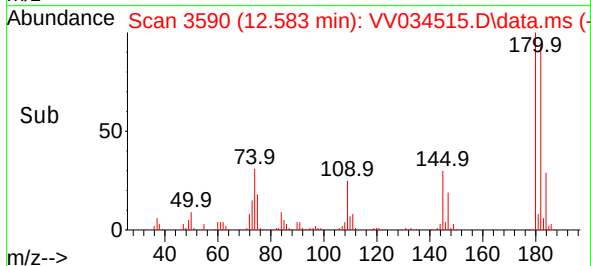
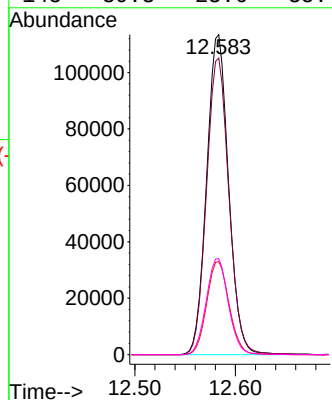
Ion Ratio Lower Upper

180 100

182 94.8 74.6 112.0

184 29.7 23.6 35.4

145 30.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 46.875 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

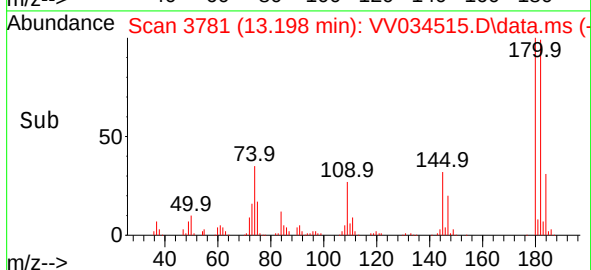
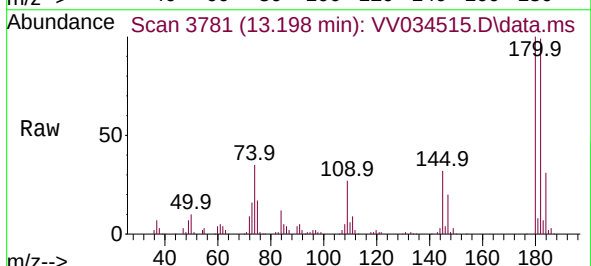
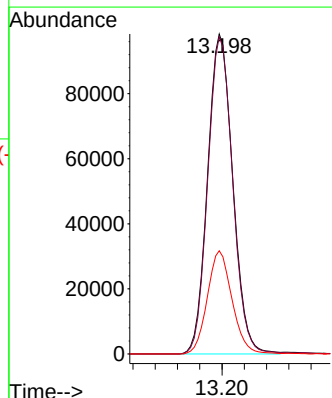
Tgt Ion:180 Resp: 154477

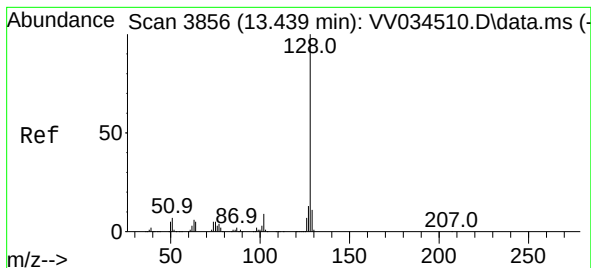
Ion Ratio Lower Upper

180 100

182 97.6 74.8 112.2

145 31.6 24.2 36.4





#71

Naphthalene

Concen: 53.402 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Instrument :

MSVOA_V

ClientSampleId :

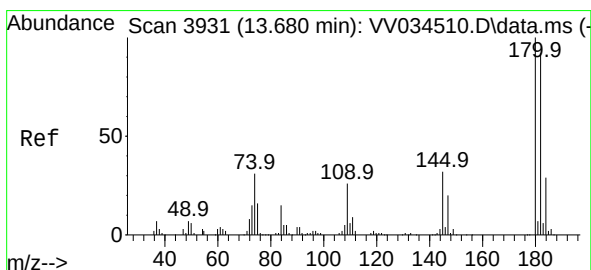
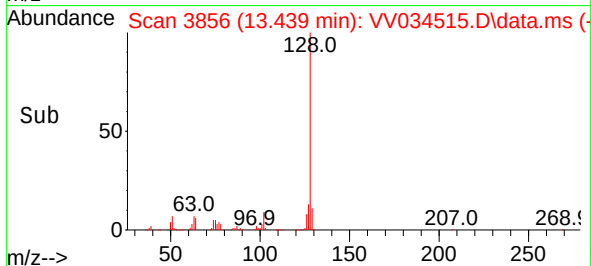
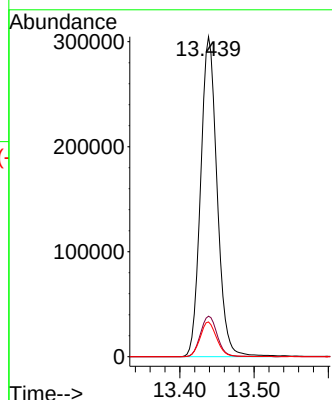
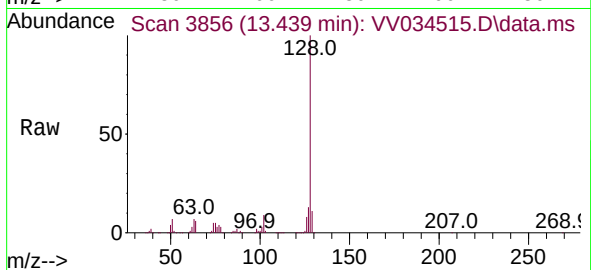
Tgt Ion:128 Resp: 470750

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.522 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034515.D

Acq: 06 Mar 2024 17:23

Tgt Ion:180 Resp: 162423

Ion Ratio Lower Upper

180 100

182 94.3 75.9 113.9

145 32.3 25.5 38.3

