

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VW032925.D
 Acq On : 13 Nov 2023 12:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 23:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 13 23:03:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	434211	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	431247	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	239200	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	182062	49.576	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.160%
7) Chloroethane-d5	1.532	69	150641	49.508	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.020%
11) 1,1-Dichloroethene-d2	2.060	65	79611	49.755	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.520%
21) 2-Butanone-d5	3.780	46	164879	104.741	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.740%
24) Chloroform-d	4.249	84	323062	50.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.840%
26) 1,2-Dichloroethane-d4	4.941	65	196377	50.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.740%
32) Benzene-d6	4.960	84	621020	52.800	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	5.989	67	179656	52.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.100%
41) Toluene-d8	7.243	98	583856	53.842	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.680%
43) trans-1,3-Dichloroprop...	7.551	79	95413	52.570	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.140%
47) 2-Hexanone-d5	8.024	63	143076	114.233	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.230%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	262351	52.384	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.760%
66) 1,2-Dichlorobenzene-d4	11.561	152	240883	51.826	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	185918	49.517	ug/L	99
3) Chloromethane	1.214	50	180028	48.526	ug/L	98
5) Vinyl chloride	1.285	62	183512	49.161	ug/L	100
6) Bromomethane	1.484	94	126805	51.244	ug/L	98
8) Chloroethane	1.548	64	117456	49.826	ug/L	98
9) Trichlorofluoromethane	1.712	101	291638	49.205	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	165653	48.246	ug/L	100
12) 1,1-Dichloroethene	2.069	96	151063	49.186	ug/L	94
13) Acetone	2.108	43	189275	90.067	ug/L	99
14) Carbon disulfide	2.243	76	437303	50.000	ug/L	99
15) Methyl Acetate	2.368	43	130212	52.700	ug/L	99
16) Methylene chloride	2.449	84	159808	48.772	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	152518	50.163	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	458718	51.409	ug/L	99
19) 1,1-Dichloroethane	3.111	63	270431	49.786	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	168087	51.335	ug/L	99
22) 2-Butanone	3.860	43	190590	97.367	ug/L	97
23) Bromochloromethane	4.146	128	92161	50.112	ug/L	98
25) Chloroform	4.275	83	296564	49.478	ug/L	98

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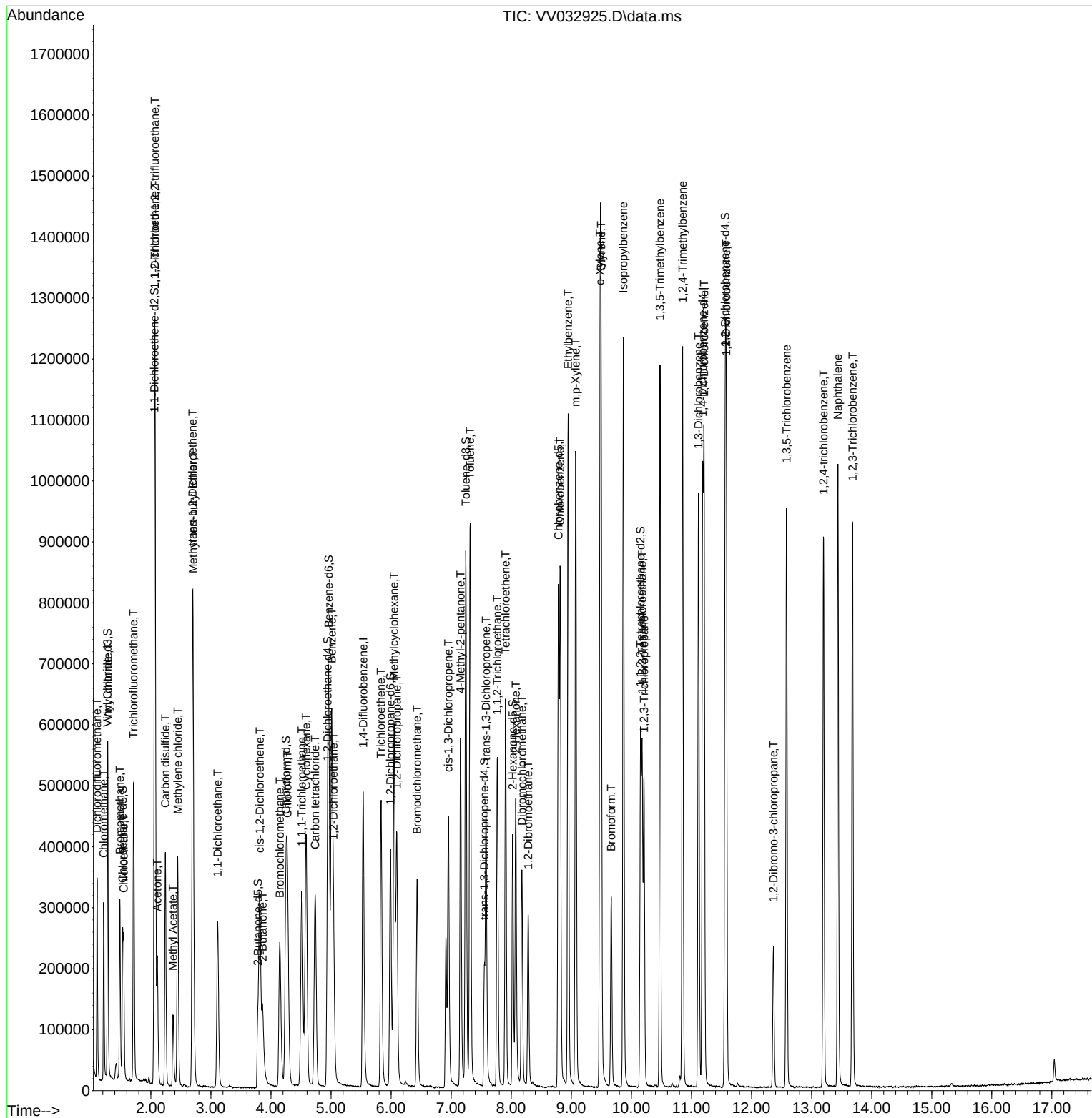
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	225645	49.907	ug/L	99
29) Cyclohexane	4.584	56	217596	52.505	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	269794	51.049	ug/L	100
31) Carbon tetrachloride	4.735	117	242371	51.284	ug/L	99
33) Benzene	5.011	78	610326	52.109	ug/L	100
34) Trichloroethene	5.831	95	164284	51.610	ug/L	99
35) Methylcyclohexane	6.050	83	250379	52.192	ug/L	98
37) 1,2-Dichloropropane	6.095	63	154412	52.790	ug/L	100
38) Bromodichloromethane	6.432	83	225159	51.602	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	262613	53.983	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	352761	113.090	ug/L	99
42) Toluene	7.317	91	675962	52.888	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	251551	53.235	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	164264	50.606	ug/L	98
46) Tetrachloroethene	7.905	164	134987	49.296	ug/L	98
48) 2-Hexanone	8.075	43	286086	105.270	ug/L	99
49) Dibromochloromethane	8.178	129	180458	51.607	ug/L	100
50) 1,2-Dibromoethane	8.281	107	181206	52.449	ug/L	96
51) Chlorobenzene	8.815	112	444633	50.219	ug/L	100
52) Ethylbenzene	8.947	91	750602	53.030	ug/L	99
53) m,p-Xylene	9.072	106	290282	53.336	ug/L	99
54) o-Xylene	9.477	106	281037	53.554	ug/L	97
55) Styrene	9.497	104	506361	54.704	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	257374	51.540	ug/L	98
59) Bromoform	9.664	173	134009	52.662	ug/L	99
60) Isopropylbenzene	9.866	105	761667	53.790	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	187128	53.444	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	598611	55.728	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	626401	55.772	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	383624	51.945	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	393717	49.708	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	383398	51.625	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	52061	53.203	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	283744	51.209	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	262765	52.793	ug/L	98
71) Naphthalene	13.439	128	764756	58.468	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	270596	54.020	ug/L	98

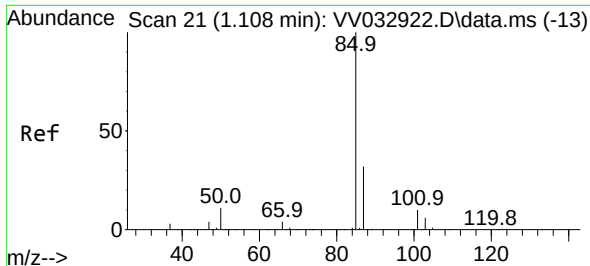
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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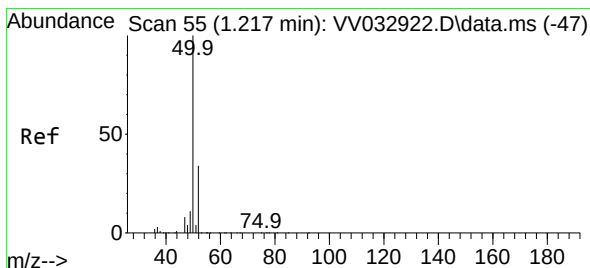
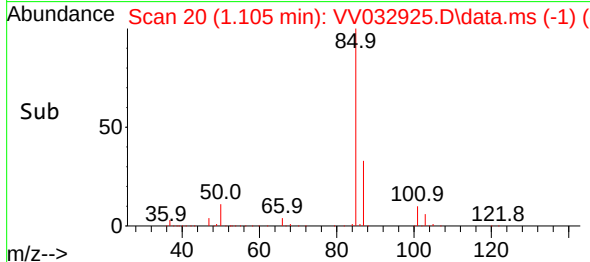
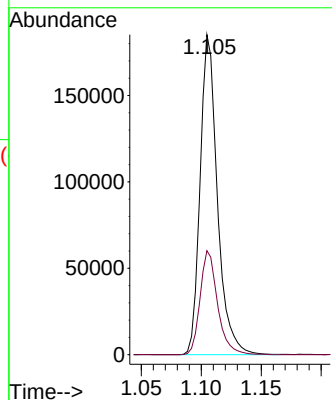
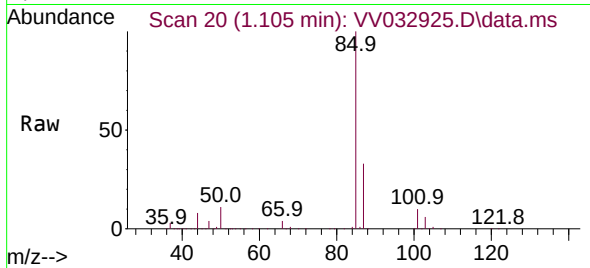




#2
Dichlorodifluoromethane
Concen: 49.517 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

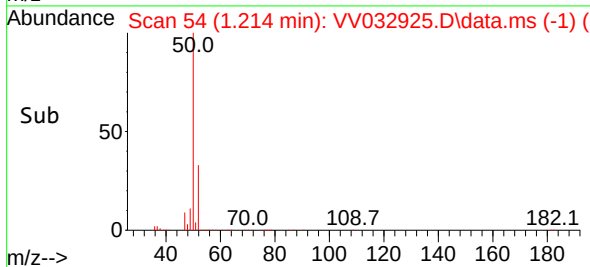
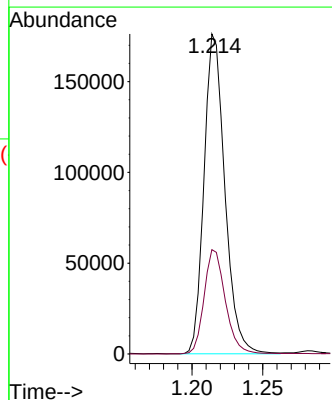
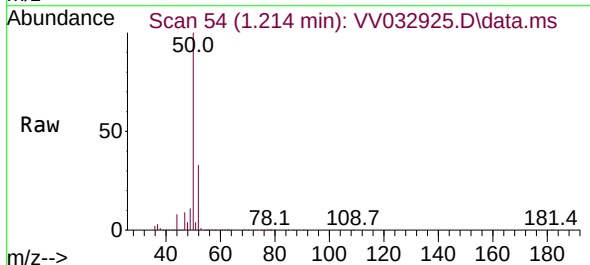
Instrument :
MSVOA_V
ClientSampleId :

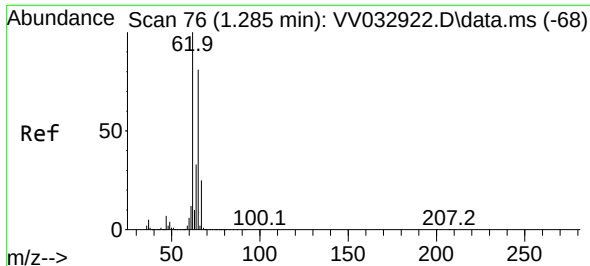
Tgt Ion: 85 Resp: 185918
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.8



#3
Chloromethane
Concen: 48.526 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Tgt Ion: 50 Resp: 180028
Ion Ratio Lower Upper
50 100
52 32.6 23.6 43.8

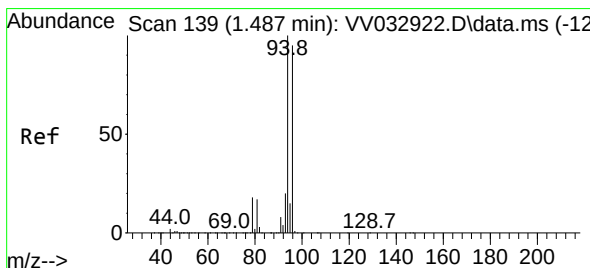
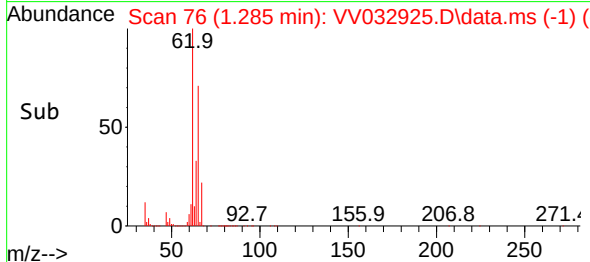
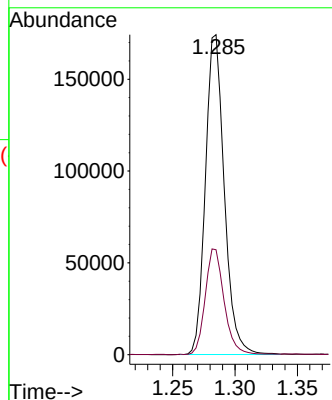
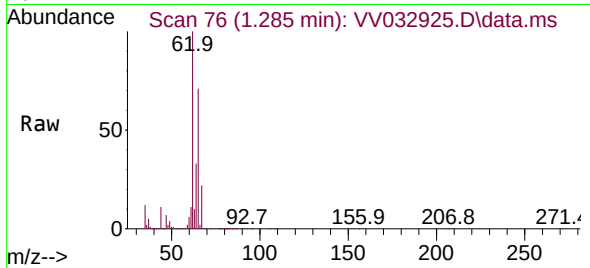




#5
 Vinyl chloride
 Concen: 49.161 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV032925.D
 Acq: 13 Nov 2023 12:17

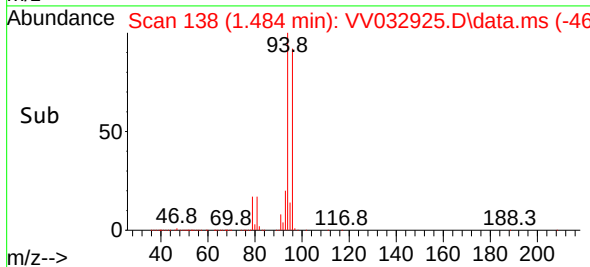
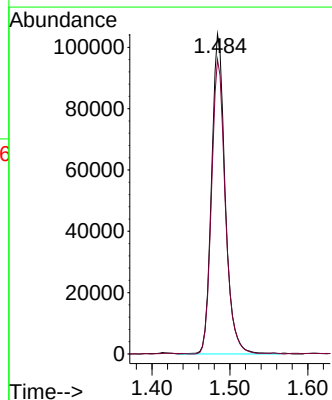
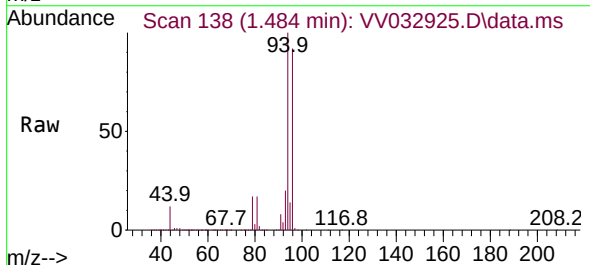
Instrument :
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 ClientSampleId :

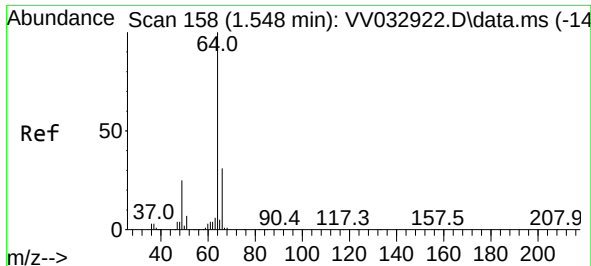
Tgt Ion: 62 Resp: 183512
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 51.244 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV032925.D
 Acq: 13 Nov 2023 12:17

Tgt Ion: 94 Resp: 126805
 Ion Ratio Lower Upper
 94 100
 96 92.0 66.0 122.6

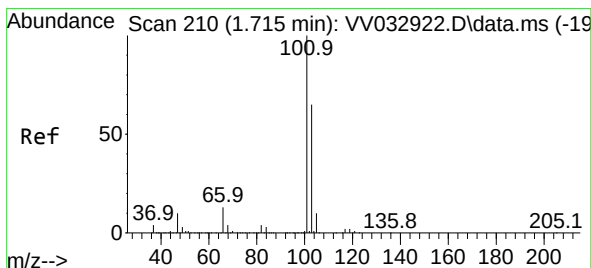
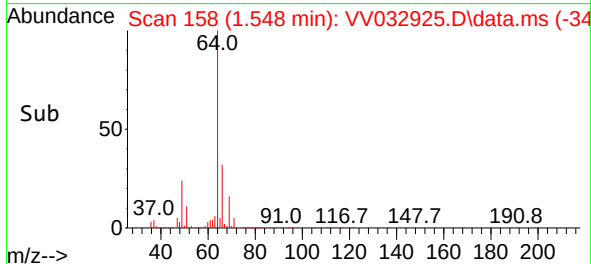
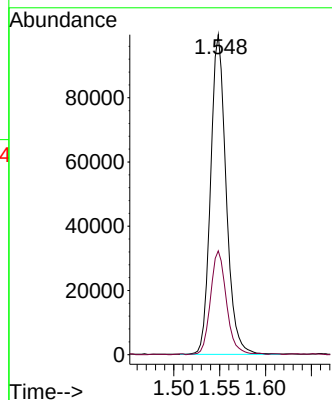
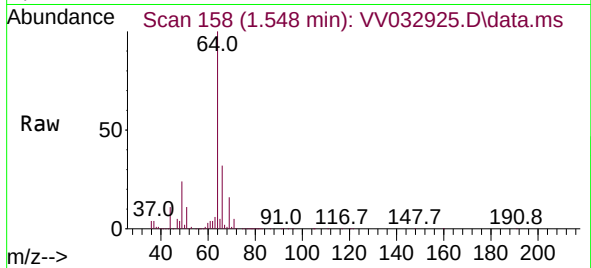




#8
Chloroethane
Concen: 49.826 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

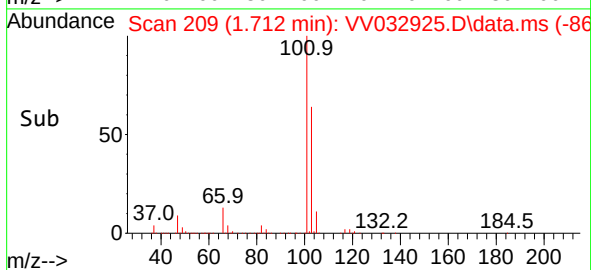
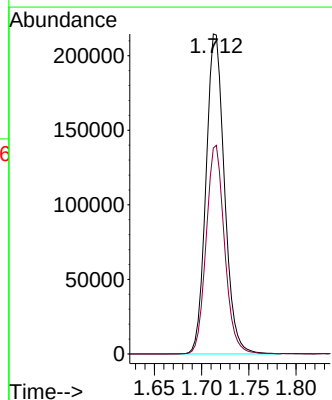
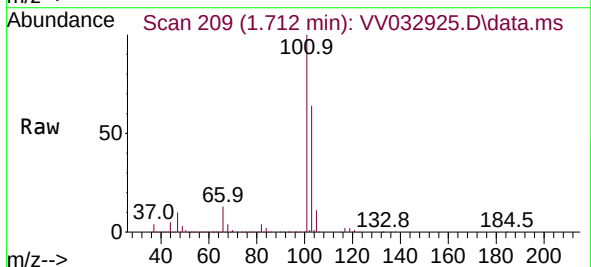
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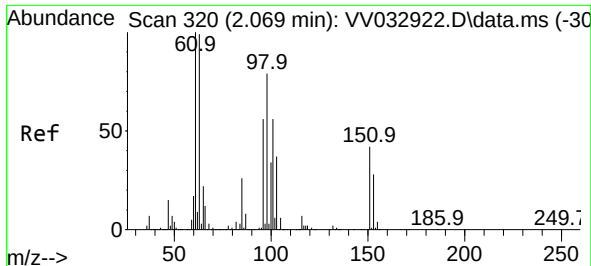
Tgt Ion: 64 Resp: 117456
Ion Ratio Lower Upper
64 100
66 32.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 49.205 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Tgt Ion: 101 Resp: 291638
Ion Ratio Lower Upper
101 100
103 65.0 51.2 76.8





#10

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

Concen: 48.246 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

Instrument :

MSVOA_V

ClientSampleId :

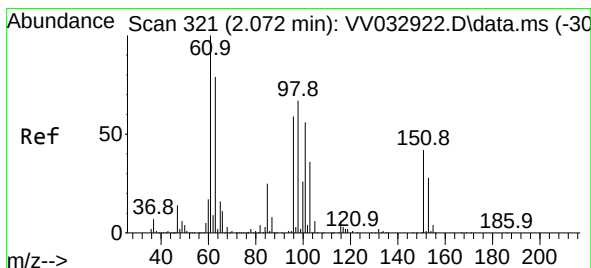
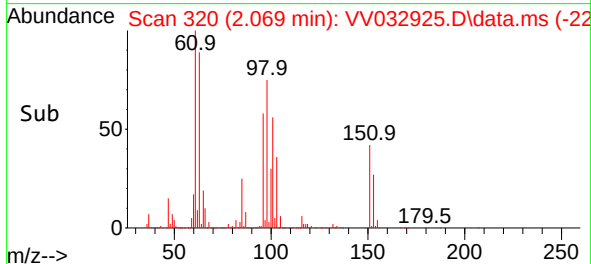
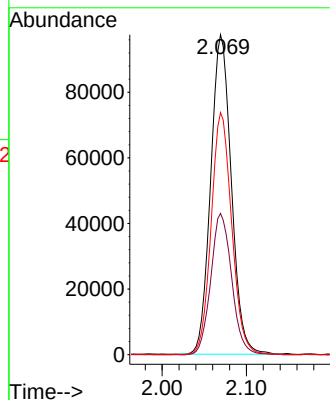
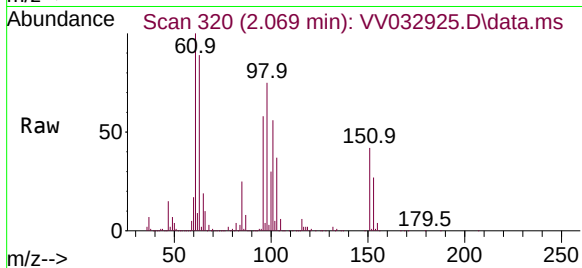
Tgt Ion:101 Resp: 165653

Ion Ratio Lower Upper

101 100

85 44.8 35.9 53.9

151 75.5 60.6 91.0



#12

1,1-Dichloroethene

Concen: 49.186 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.003 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

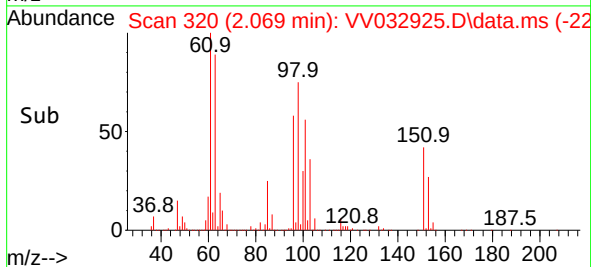
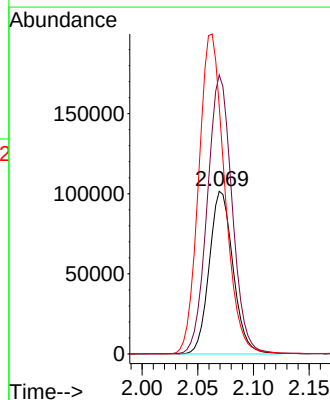
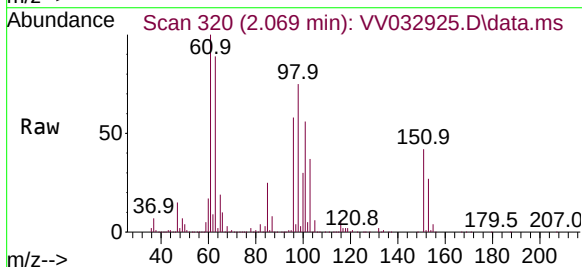
Tgt Ion: 96 Resp: 151063

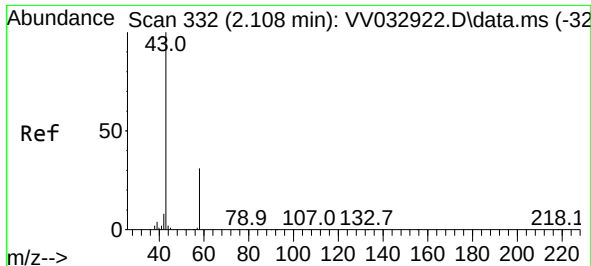
Ion Ratio Lower Upper

96 100

61 171.5 119.6 222.0

63 152.2 95.1 176.7





#13

Acetone

Concen: 90.067 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

Instrument :

MSVOA_V

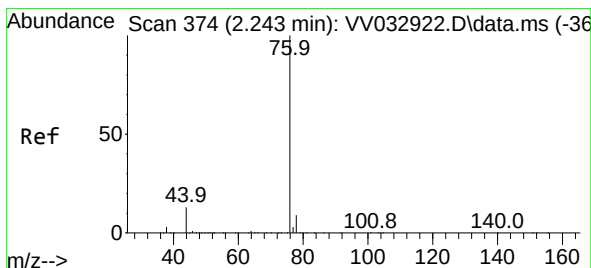
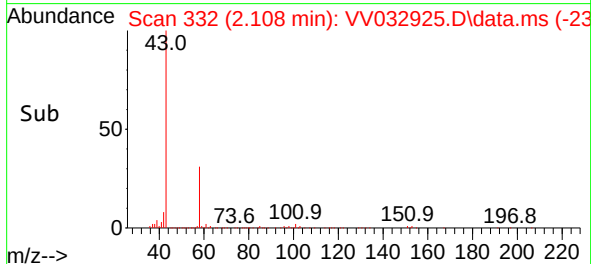
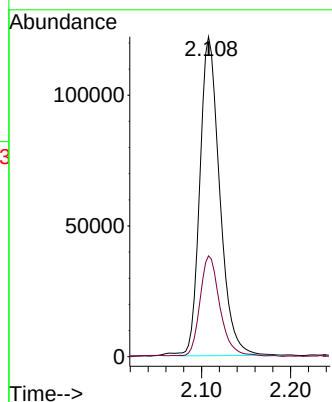
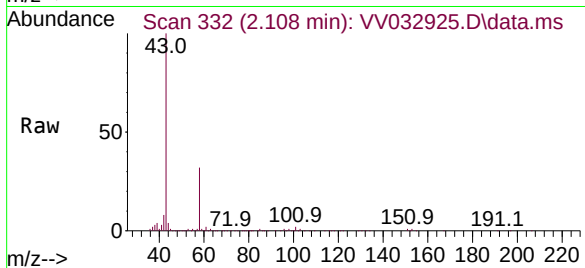
ClientSampleId :

Tgt Ion: 43 Resp: 189275

Ion Ratio Lower Upper

43 100

58 31.8 0.0 62.8



#14

Carbon disulfide

Concen: 50.000 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

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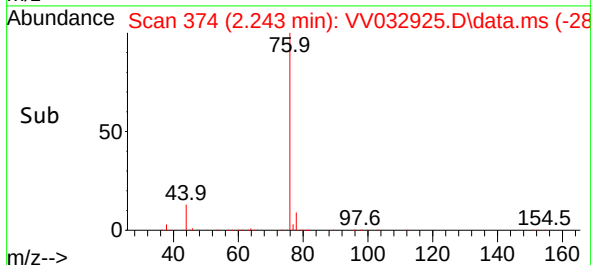
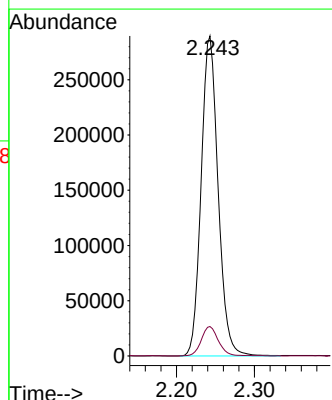
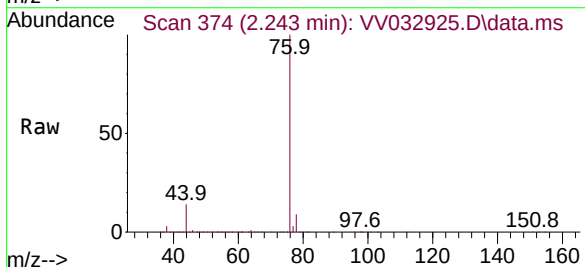
Acq: 13 Nov 2023 12:17

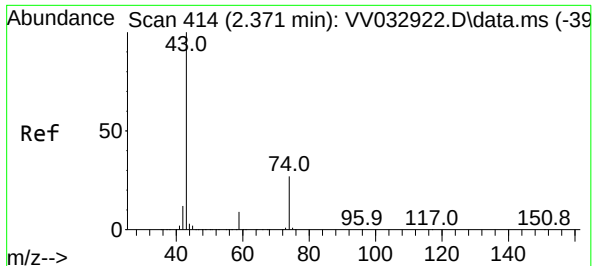
Tgt Ion: 76 Resp: 437303

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

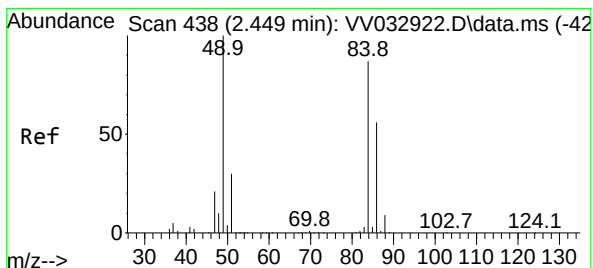
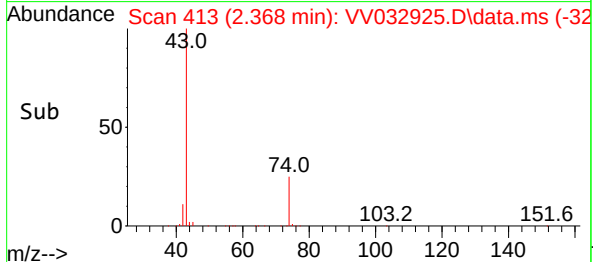
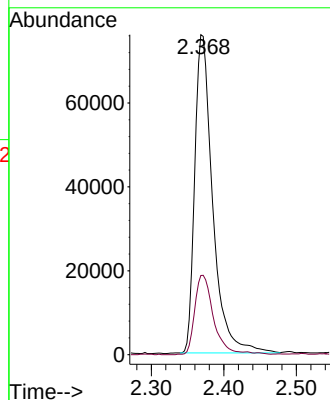
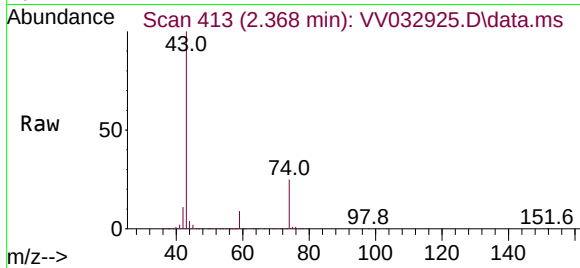




#15
Methyl Acetate
Concen: 52.700 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

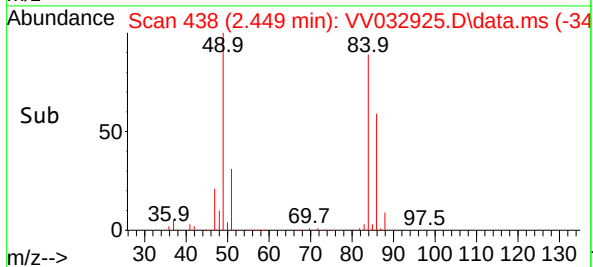
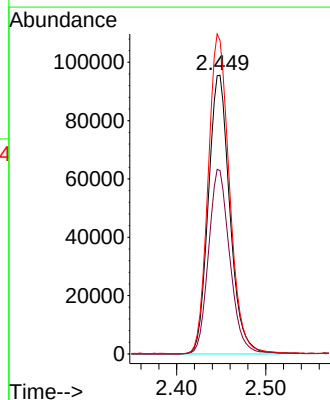
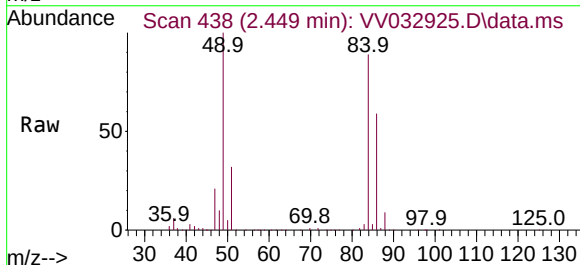
Instrument :
MSVOA_V
ClientSampleId :

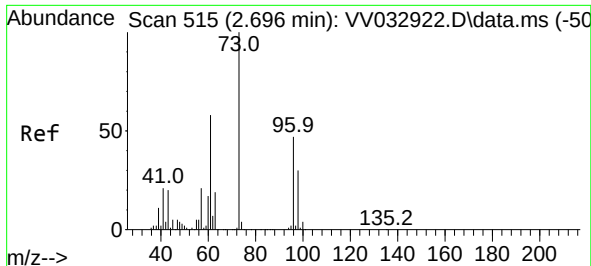
Tgt Ion: 43 Resp: 130212
Ion Ratio Lower Upper
43 100
74 25.3 20.8 31.2



#16
Methylene chloride
Concen: 48.772 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Tgt Ion: 84 Resp: 159808
Ion Ratio Lower Upper
84 100
86 65.8 45.3 84.1
49 112.4 80.6 149.6

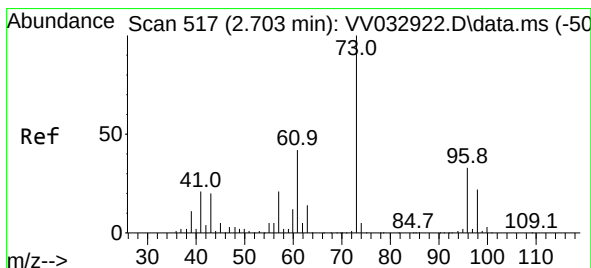
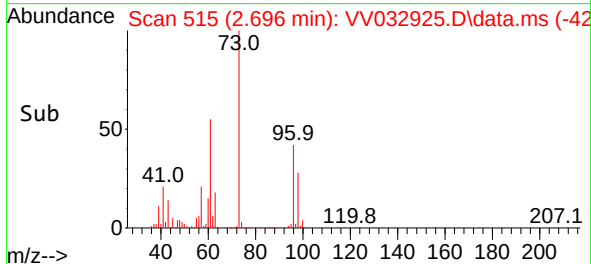
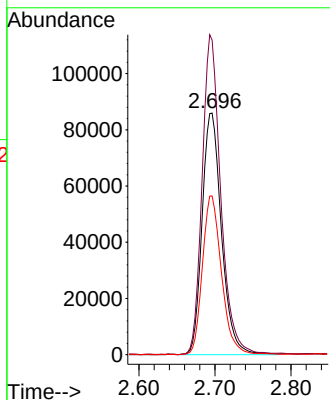
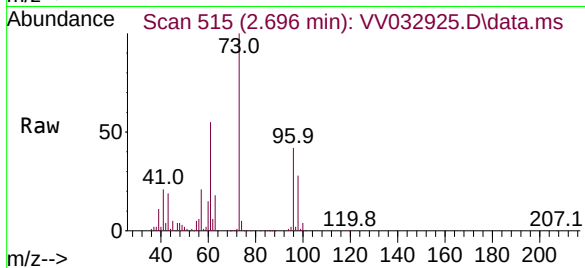




#17
trans-1,2-Dichloroethene
Concen: 50.163 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

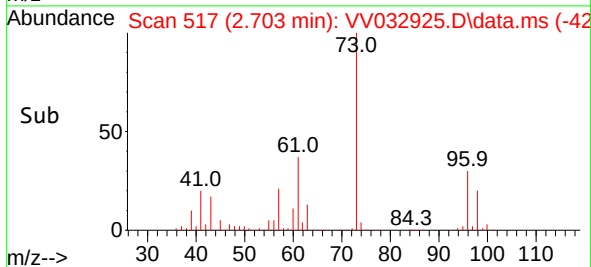
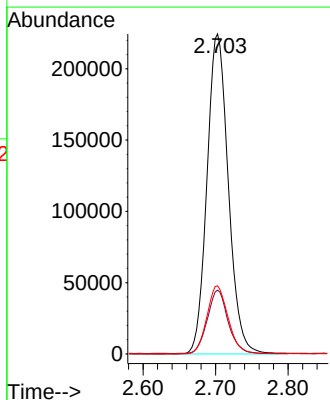
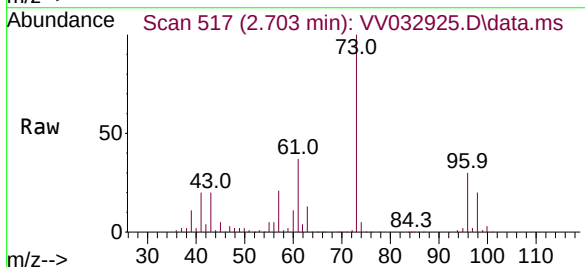
Instrument :
MSVOA_V
ClientSampleId :

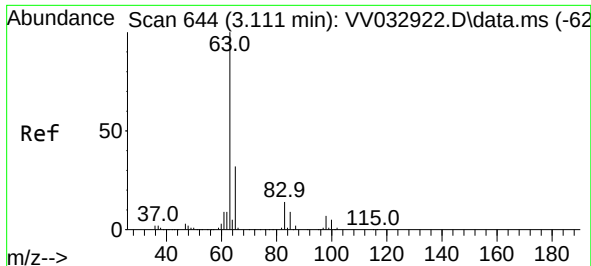
Tgt Ion: 96 Resp: 152518
Ion Ratio Lower Upper
96 100
61 130.2 86.9 161.5
98 65.7 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 51.409 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Tgt Ion: 73 Resp: 458718
Ion Ratio Lower Upper
73 100
43 19.2 15.7 23.5
57 21.1 17.0 25.4

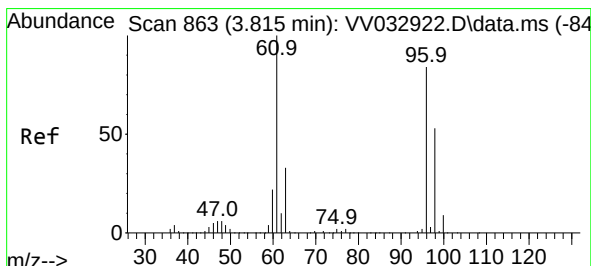
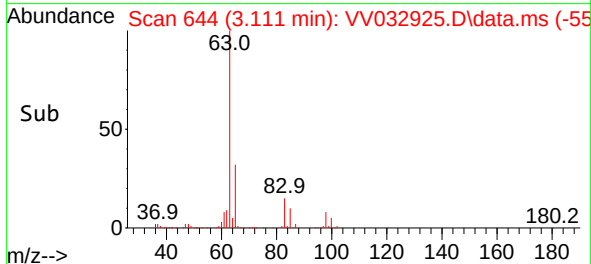
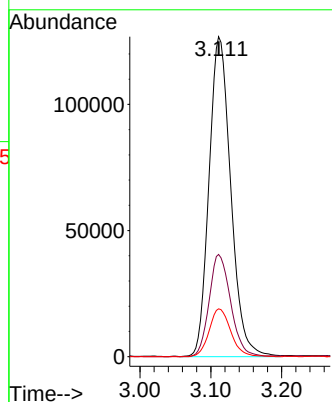
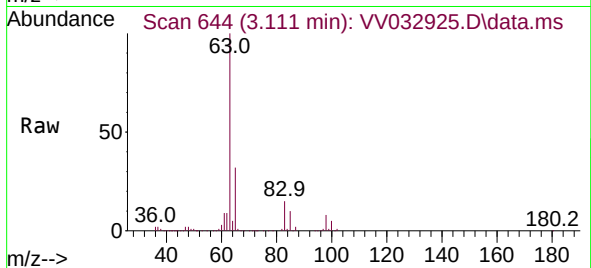




#19
1,1-Dichloroethane
Concen: 49.786 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

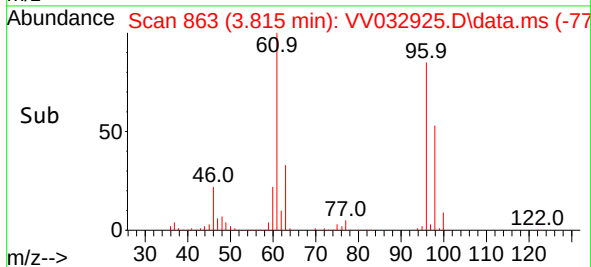
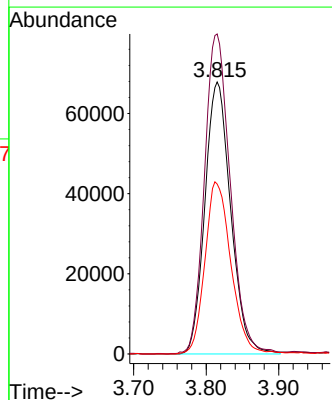
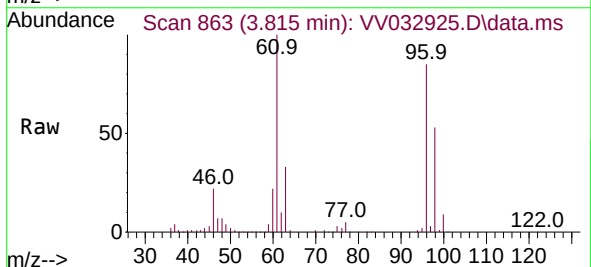
Instrument :
MSVOA_V
ClientSampleId :

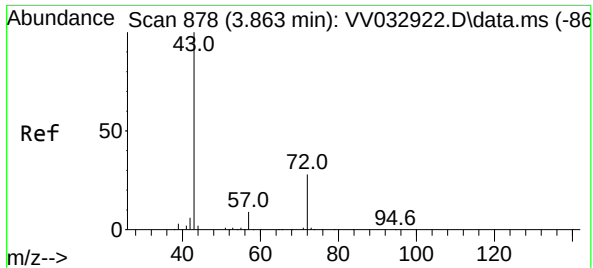
Tgt Ion: 63 Resp: 270431
Ion Ratio Lower Upper
63 100
65 32.0 22.0 41.0
83 15.0 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 51.335 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Tgt Ion: 96 Resp: 168087
Ion Ratio Lower Upper
96 100
61 117.6 83.5 155.1
98 62.5 44.0 81.8

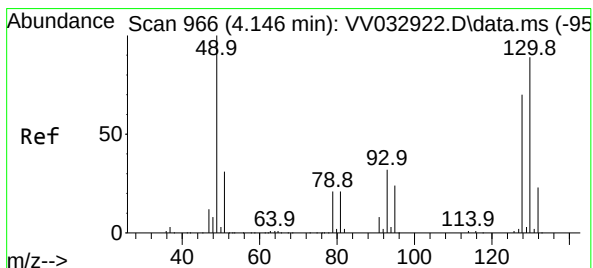
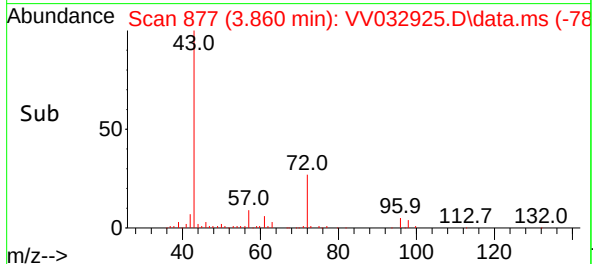
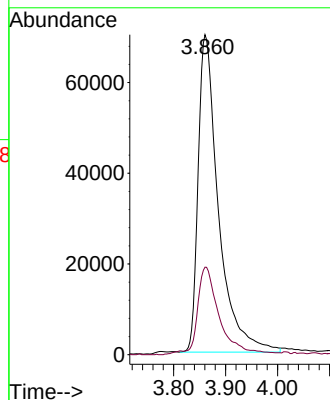
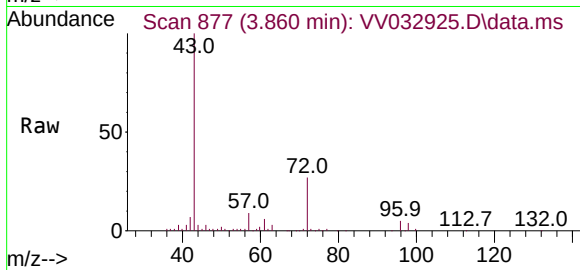




#22
2-Butanone
Concen: 97.367 ug/L
RT: 3.860 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

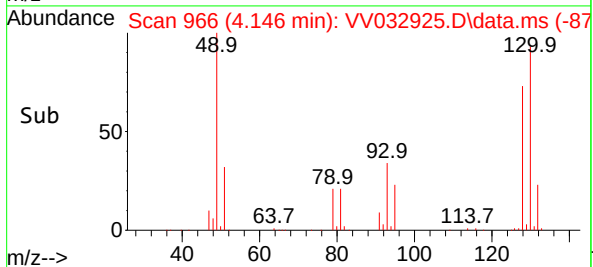
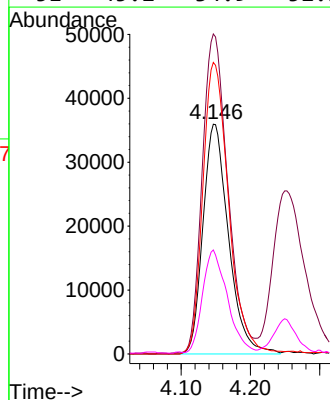
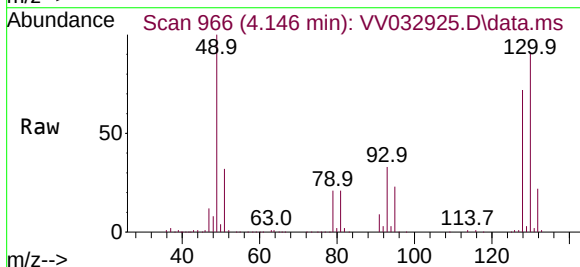
Instrument :
MSVOA_V
ClientSampleId :

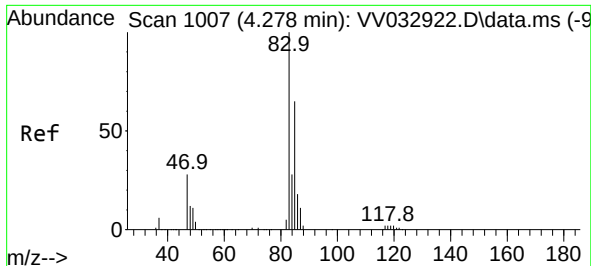
Tgt Ion: 43 Resp: 190590
Ion Ratio Lower Upper
43 100
72 26.1 14.0 41.9



#23
Bromochloromethane
Concen: 50.112 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Tgt Ion:128 Resp: 92161
Ion Ratio Lower Upper
128 100
49 139.2 99.7 185.1
130 126.9 88.7 164.7
51 45.2 34.9 52.3

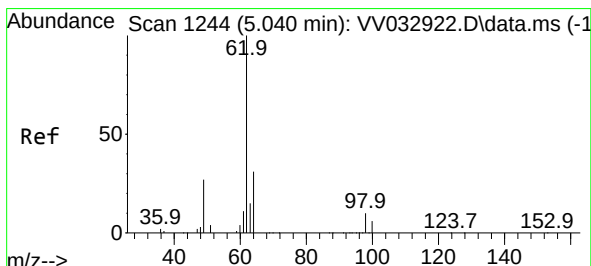
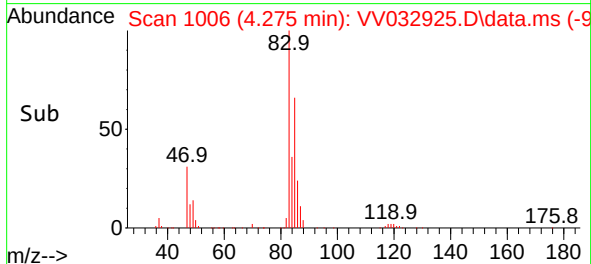
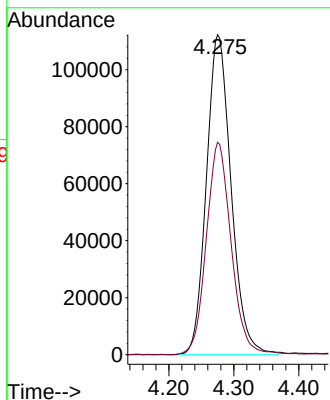
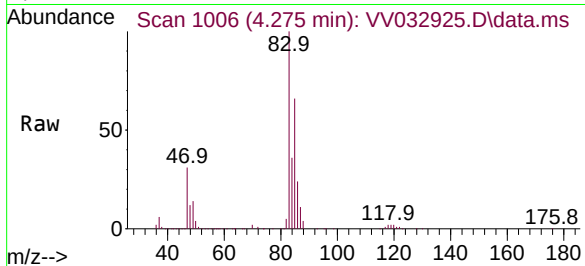




#25
Chloroform
Concen: 49.478 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.003 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

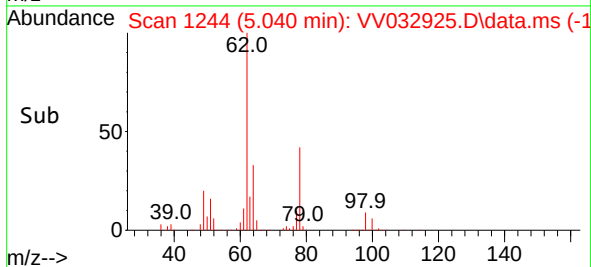
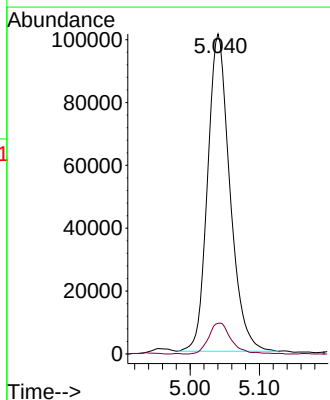
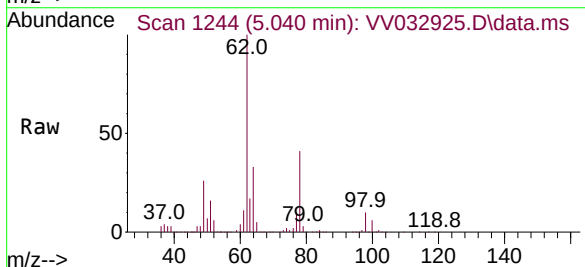
Instrument :
MSVOA_V
ClientSampleId :

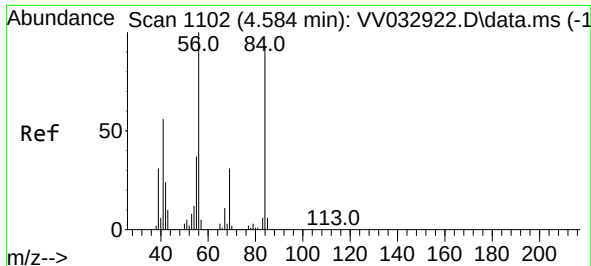
Tgt Ion: 83 Resp: 296564
Ion Ratio Lower Upper
83 100
85 66.4 45.5 84.5



#27
1,2-Dichloroethane
Concen: 49.907 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Tgt Ion: 62 Resp: 225645
Ion Ratio Lower Upper
62 100
98 9.6 8.0 12.0





#29

Cyclohexane

Concen: 52.505 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

Instrument :

MSVOA_V

ClientSampleId :

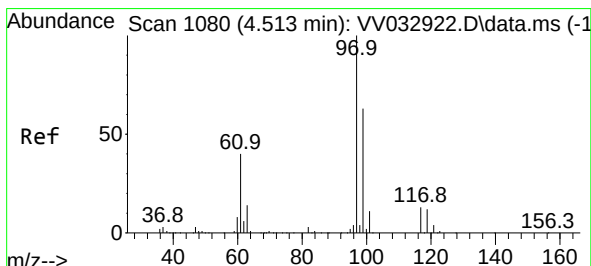
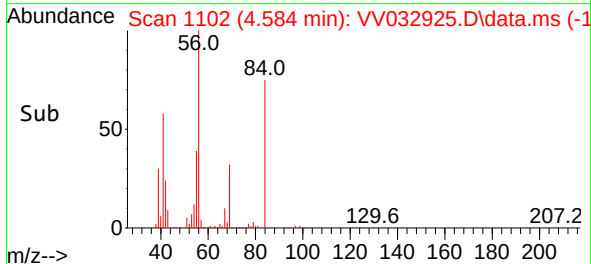
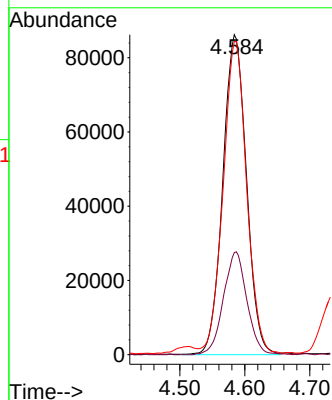
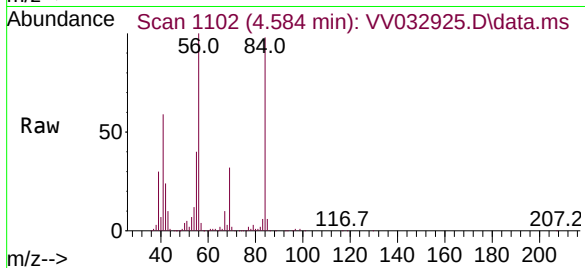
Tgt Ion: 56 Resp: 217596

Ion Ratio Lower Upper

56 100

69 31.9 24.7 37.1

84 96.9 76.6 115.0



#30

1,1,1-Trichloroethane

Concen: 51.049 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

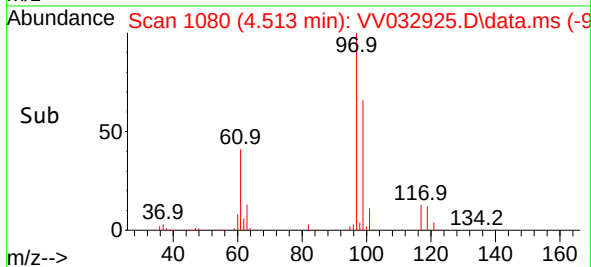
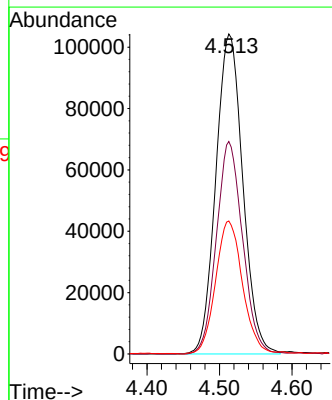
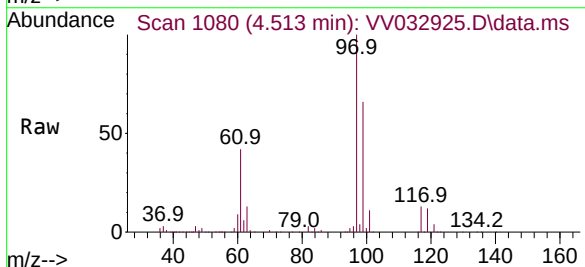
Tgt Ion: 97 Resp: 269794

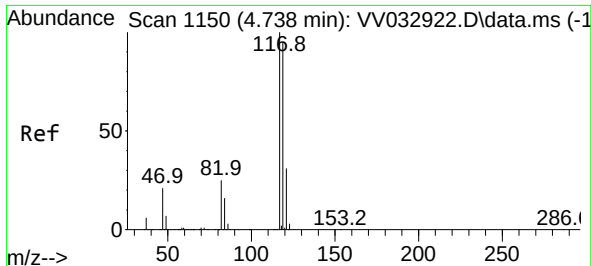
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 41.5 33.3 49.9

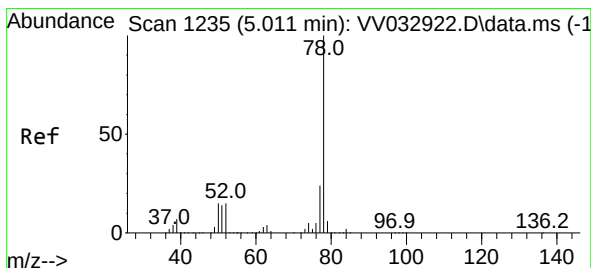
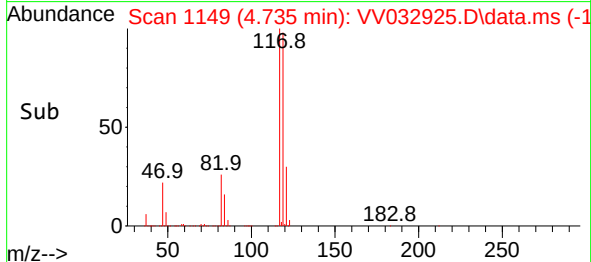
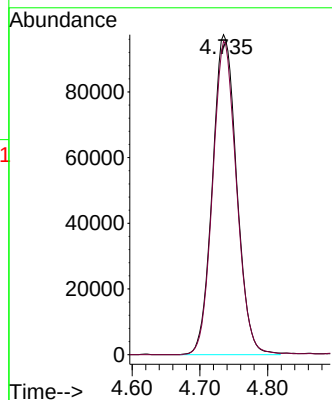
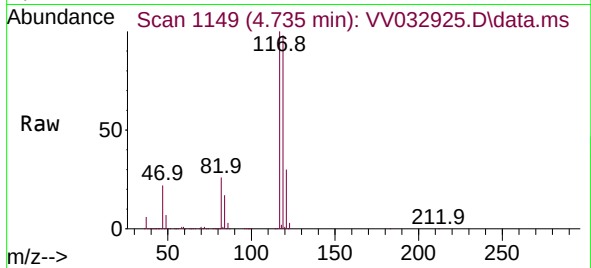




#31
Carbon tetrachloride
Concen: 51.284 ug/L
RT: 4.735 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

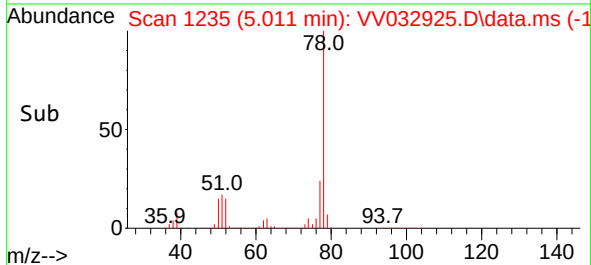
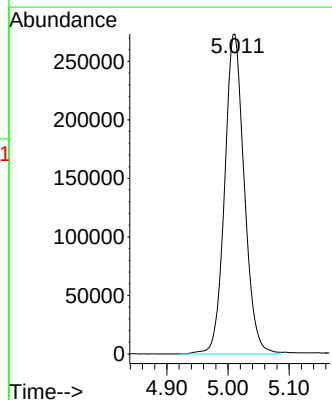
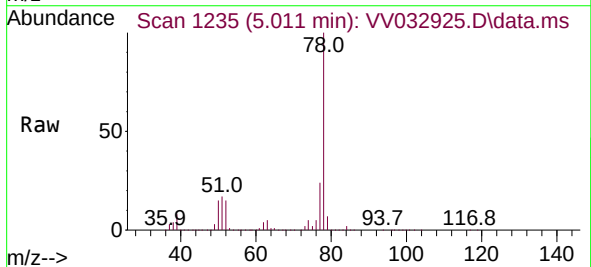
Instrument :
MSVOA_V
ClientSampleId :

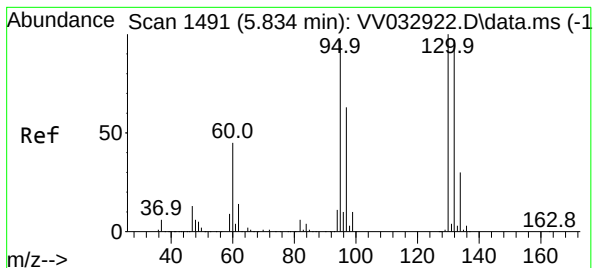
Tgt Ion:117 Resp: 242371
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.4



#33
Benzene
Concen: 52.109 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Tgt Ion: 78 Resp: 610326





#34

Trichloroethene

Concen: 51.610 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.003 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 164284

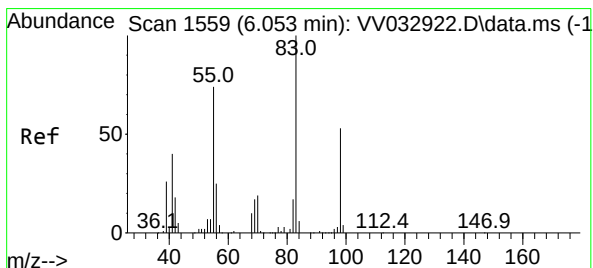
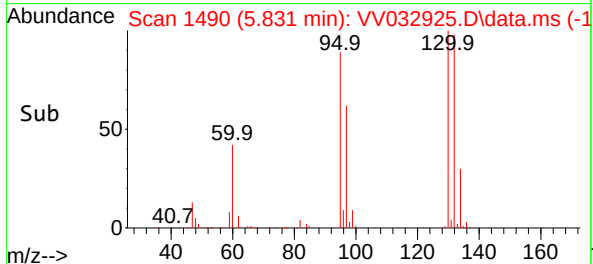
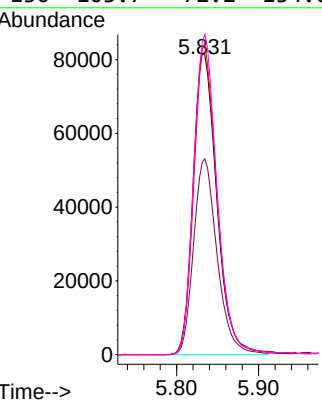
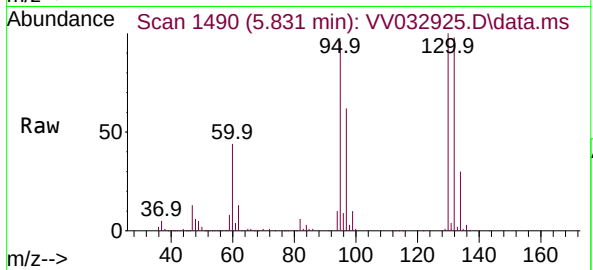
Ion Ratio Lower Upper

95 100

97 63.9 45.7 84.9

132 101.5 70.0 130.0

130 103.7 72.2 134.0



#35

Methylcyclohexane

Concen: 52.192 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.003 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

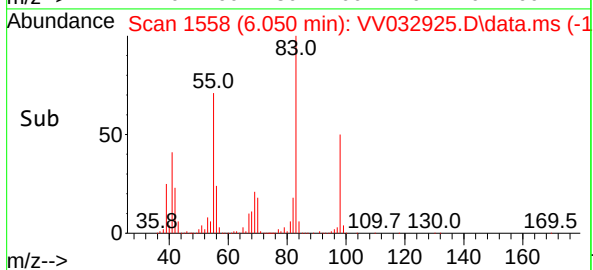
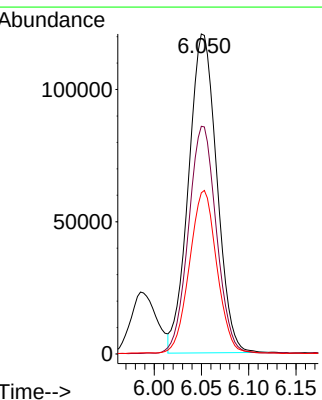
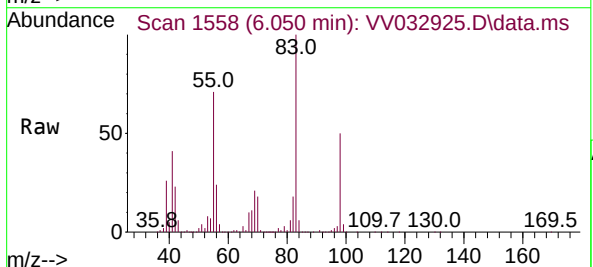
Tgt Ion: 83 Resp: 250379

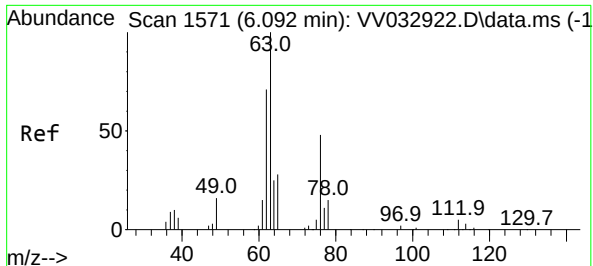
Ion Ratio Lower Upper

83 100

55 70.9 57.5 86.3

98 49.1 41.0 61.4





#37

1,2-Dichloropropane

Concen: 52.790 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

Instrument :

MSVOA_V

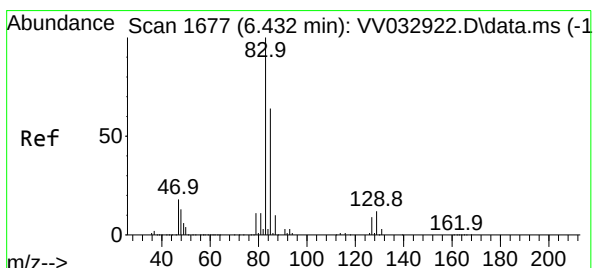
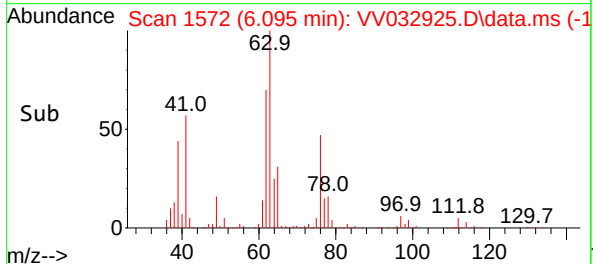
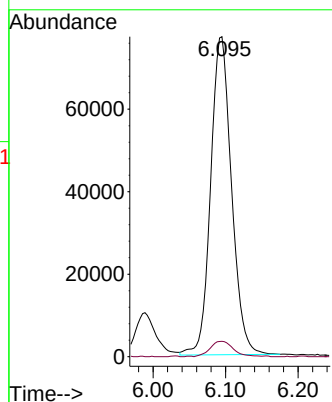
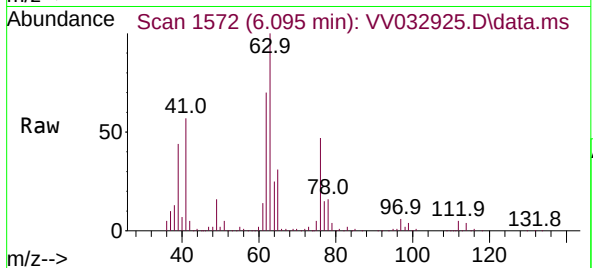
ClientSampleId :

Tgt Ion: 63 Resp: 154412

Ion Ratio Lower Upper

63 100

112 5.4 4.2 6.4



#38

Bromodichloromethane

Concen: 51.602 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

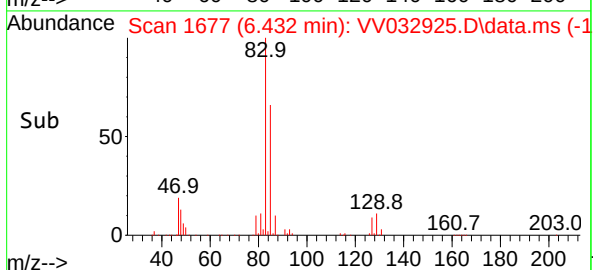
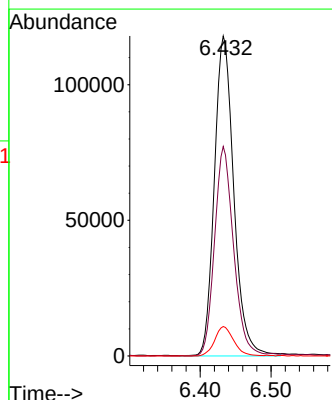
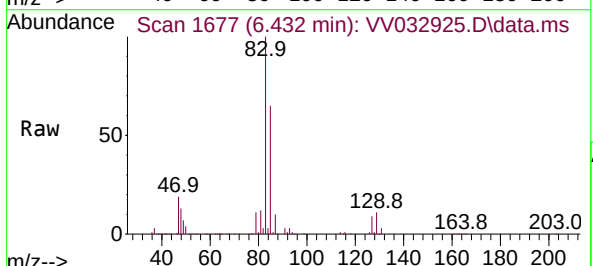
Tgt Ion: 83 Resp: 225159

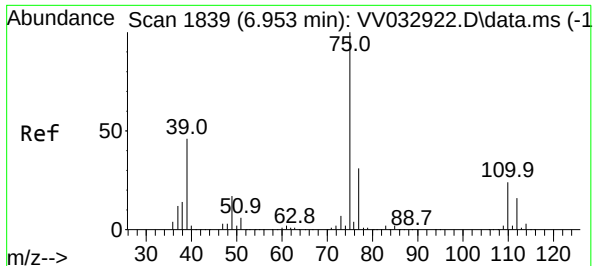
Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.7

127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 53.983 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

Instrument :

MSVOA_V

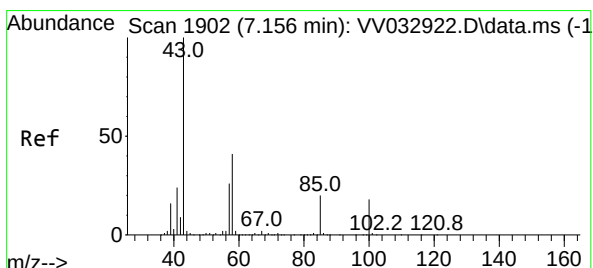
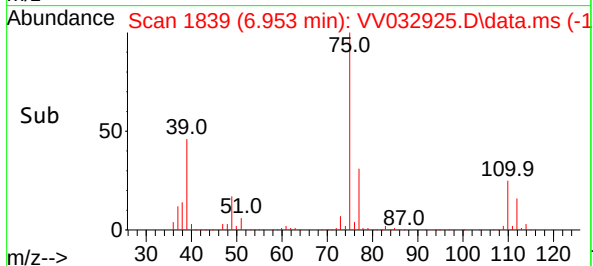
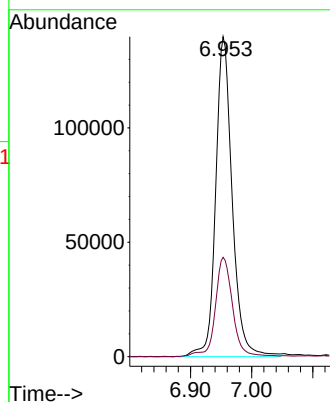
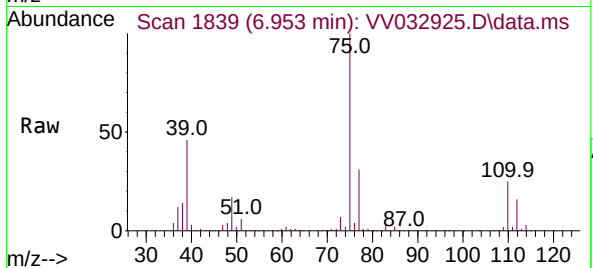
ClientSampleId :

Tgt Ion: 75 Resp: 262613

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 113.090 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

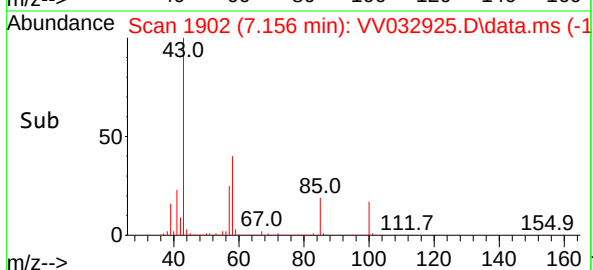
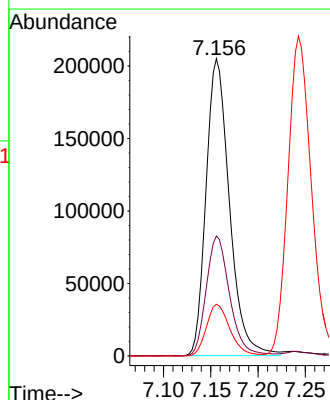
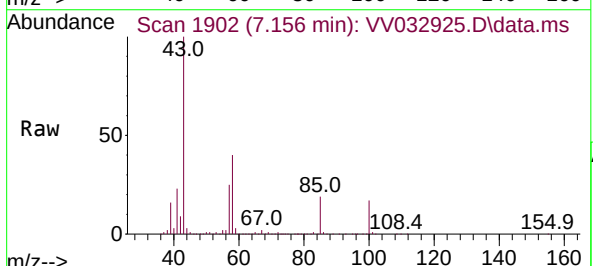
Tgt Ion: 43 Resp: 352761

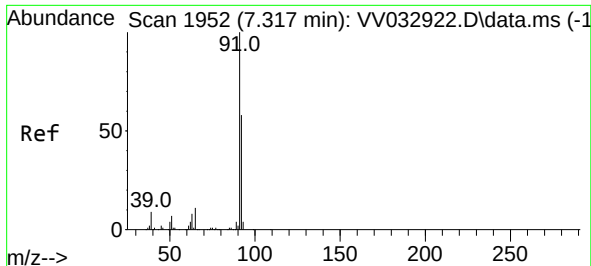
Ion Ratio Lower Upper

43 100

58 40.5 32.6 49.0

100 17.6 14.2 21.4





#42

Toluene

Concen: 52.888 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

Instrument :

MSVOA_V

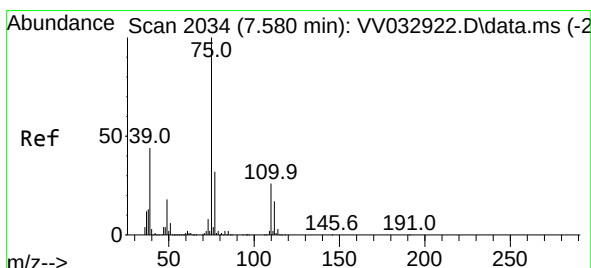
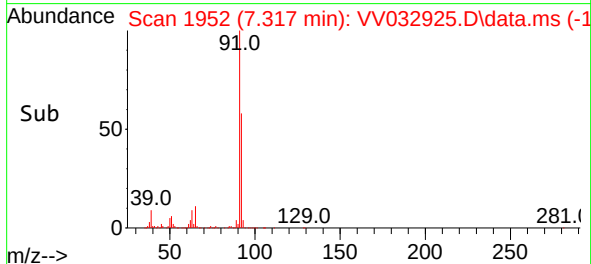
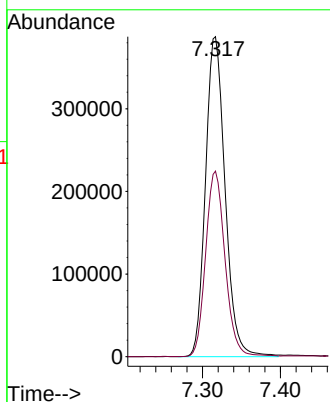
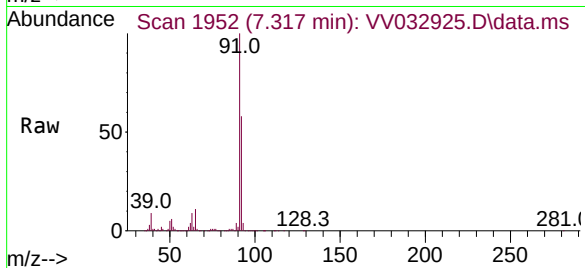
ClientSampleId :

Tgt Ion: 91 Resp: 675962

Ion Ratio Lower Upper

91 100

92 58.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 53.235 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV032925.D

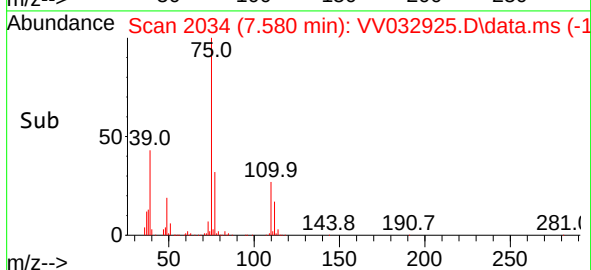
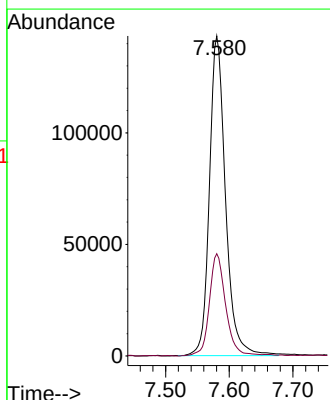
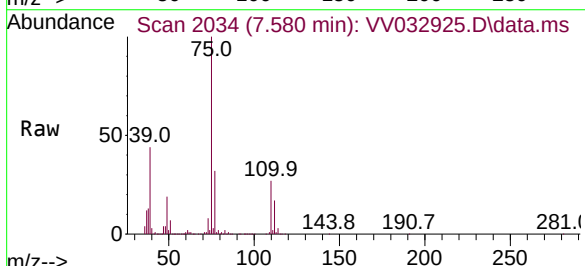
Acq: 13 Nov 2023 12:17

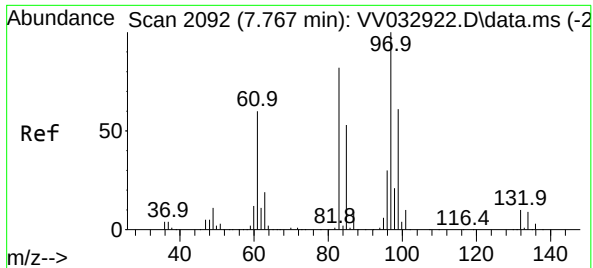
Tgt Ion: 75 Resp: 251551

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.3

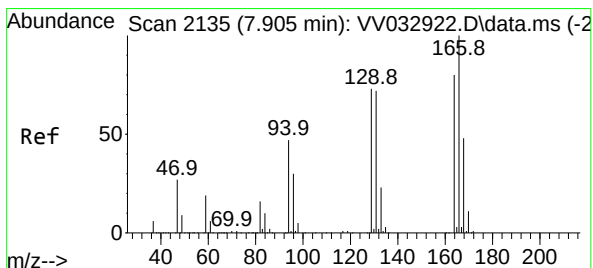
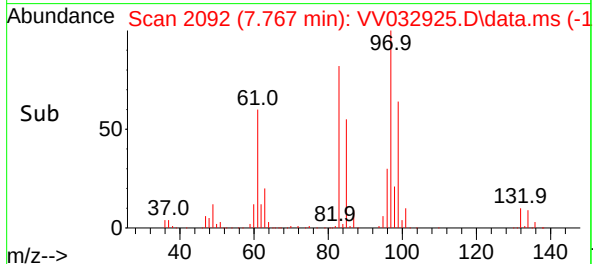
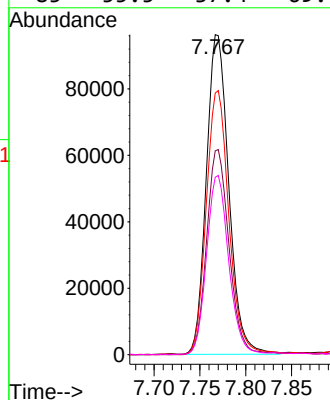
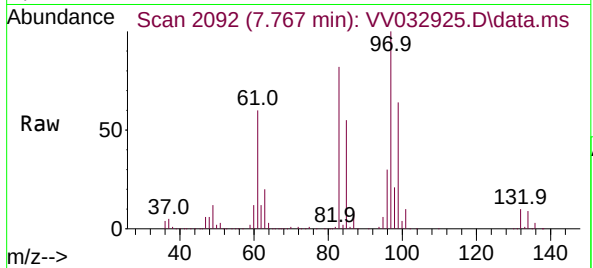




#45
1,1,2-Trichloroethane
Concen: 50.606 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

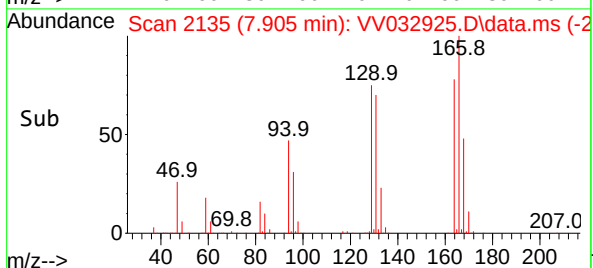
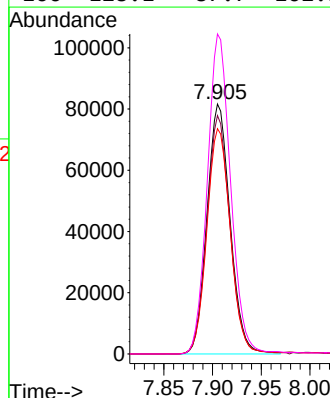
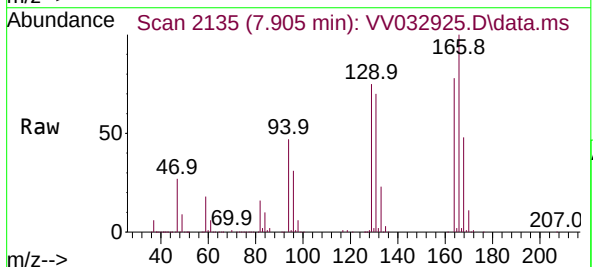
Instrument :
MSVOA_V
ClientSampleId :

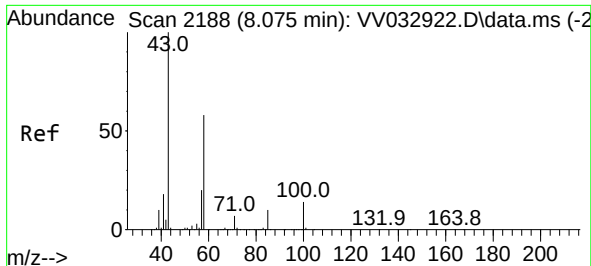
Tgt Ion:	97	Resp:	164264
Ion	Ratio	Lower	Upper
97	100		
99	63.7	42.8	79.4
83	81.7	57.4	106.6
85	55.5	37.4	69.4



#46
Tetrachloroethene
Concen: 49.296 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Tgt Ion:	164	Resp:	134987
Ion	Ratio	Lower	Upper
164	100		
129	95.4	64.2	119.2
131	90.2	63.5	117.9
166	128.1	87.7	162.9

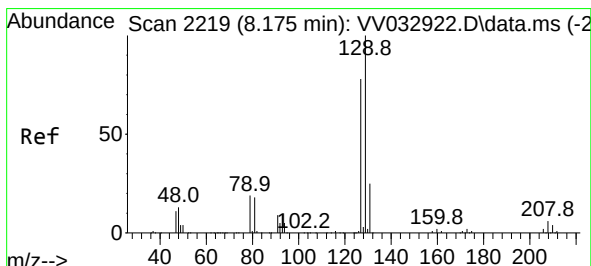
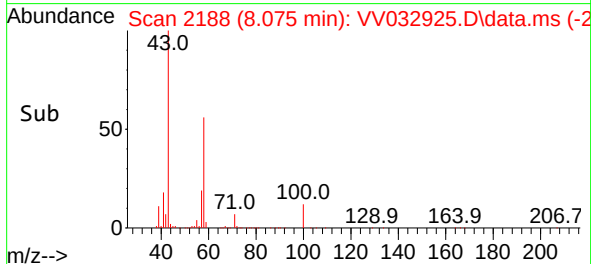
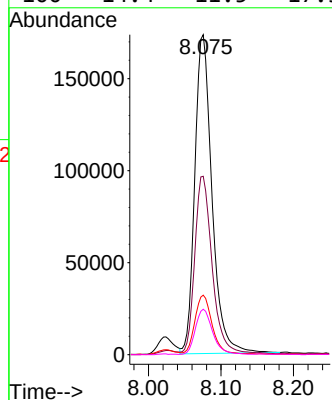
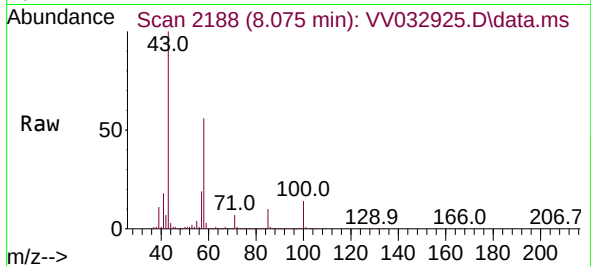




#48
2-Hexanone
Concen: 105.270 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

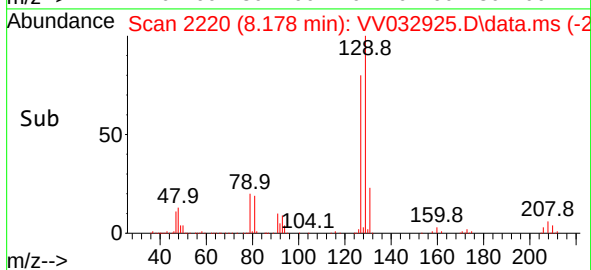
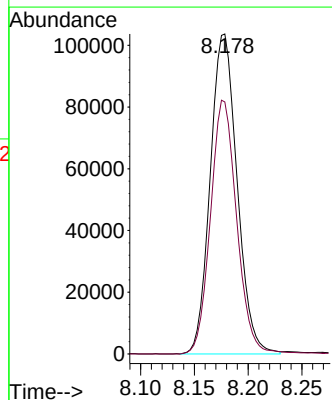
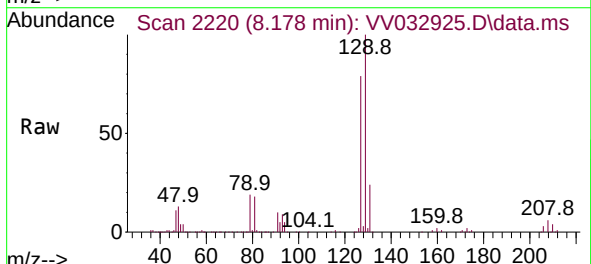
Instrument :
MSVOA_V
ClientSampleId :

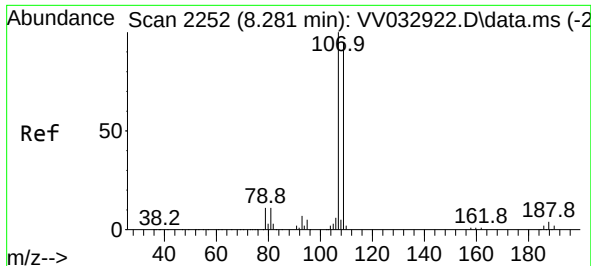
Tgt Ion: 43 Resp: 286086
Ion Ratio Lower Upper
43 100
58 55.1 44.8 67.2
57 17.9 15.2 22.8
100 14.4 11.5 17.3



#49
Dibromochloromethane
Concen: 51.607 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Tgt Ion: 129 Resp: 180458
Ion Ratio Lower Upper
129 100
127 78.8 55.1 102.3





#50

1,2-Dibromoethane

Concen: 52.449 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.000 min

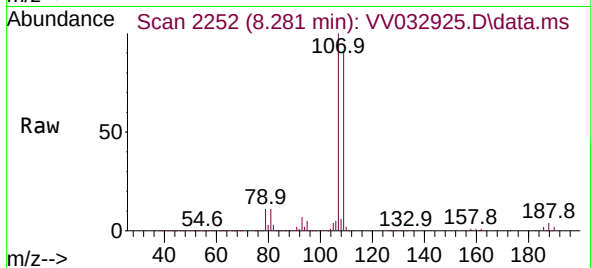
Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

Instrument :

MSVOA_V

ClientSampleId :



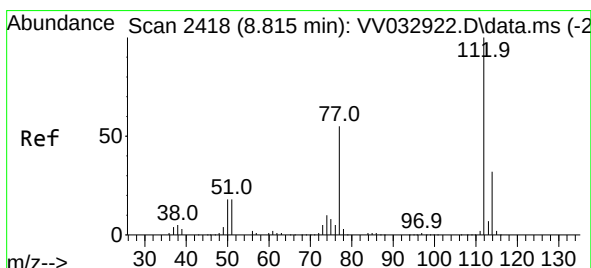
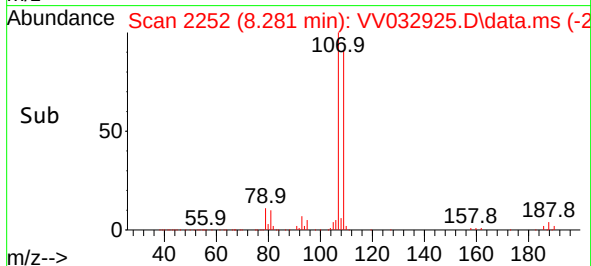
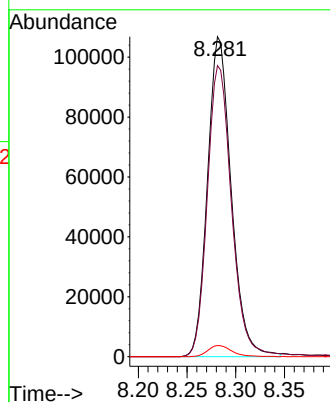
Tgt Ion:107 Resp: 181206

Ion Ratio Lower Upper

107 100

109 90.9 66.3 123.1

188 3.5 3.1 4.7



#51

Chlorobenzene

Concen: 50.219 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

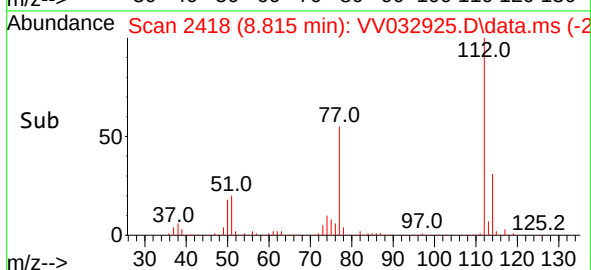
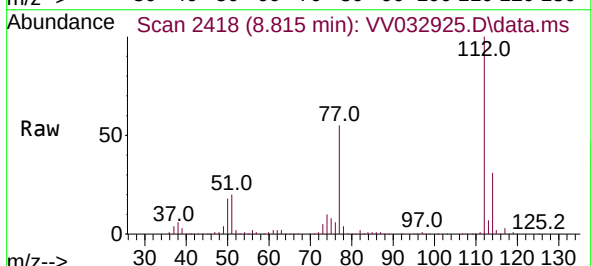
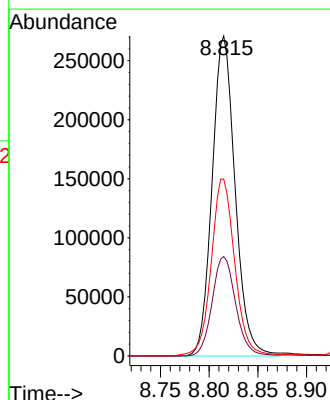
Tgt Ion:112 Resp: 444633

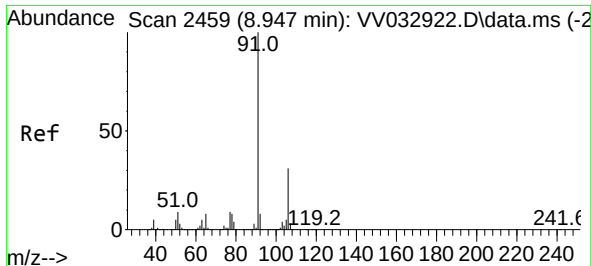
Ion Ratio Lower Upper

112 100

114 31.1 22.1 41.1

77 55.3 44.2 66.2

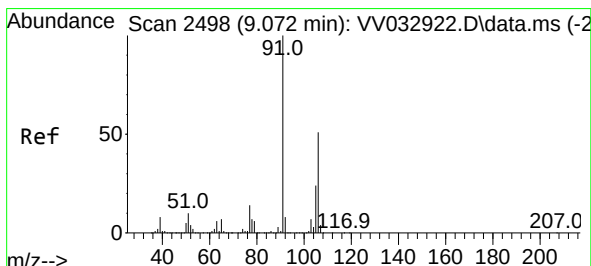
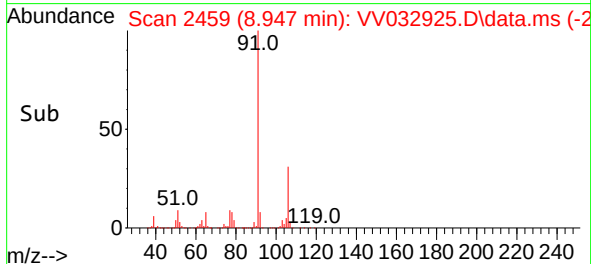
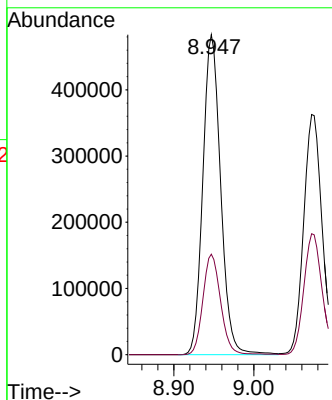
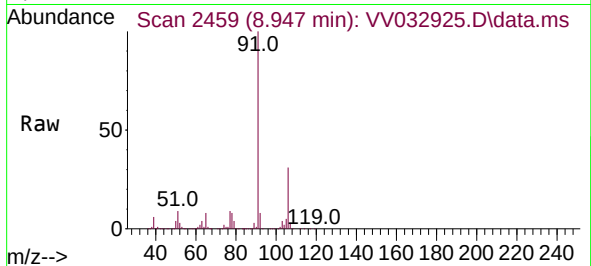




#52
Ethylbenzene
Concen: 53.030 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

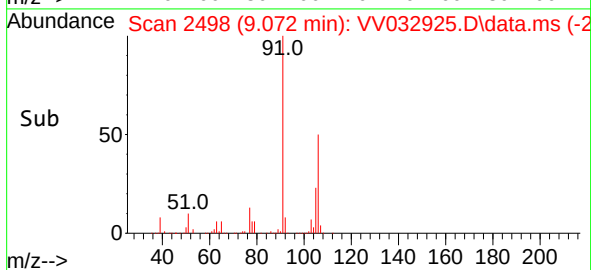
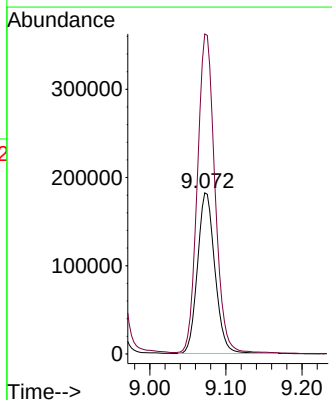
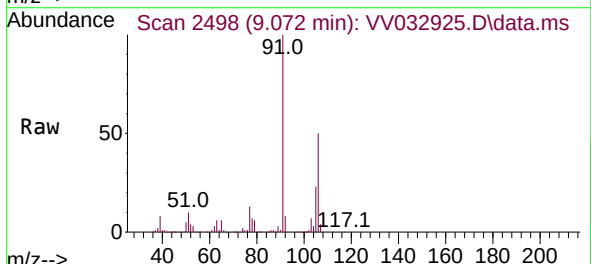
Instrument :
MSVOA_V
ClientSampleId :

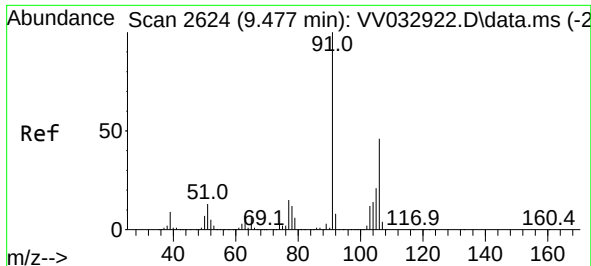
Tgt Ion: 91 Resp: 750602
Ion Ratio Lower Upper
91 100
106 31.4 21.6 40.0



#53
m,p-Xylene
Concen: 53.336 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Tgt Ion: 106 Resp: 290282
Ion Ratio Lower Upper
106 100
91 198.5 137.5 255.4

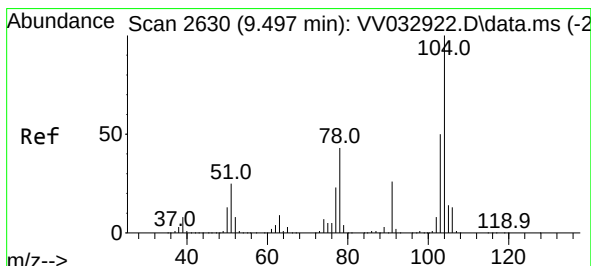
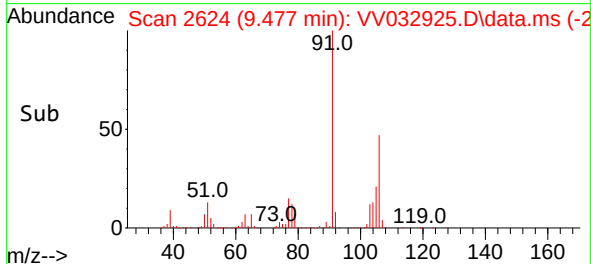
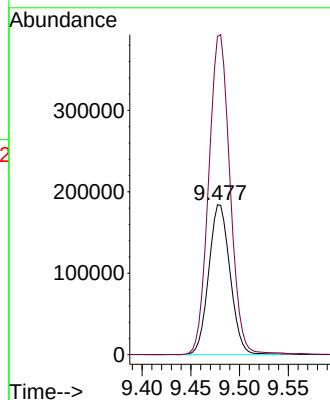
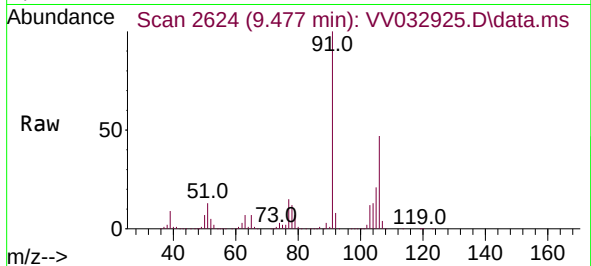




#54
o-Xylene
Concen: 53.554 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

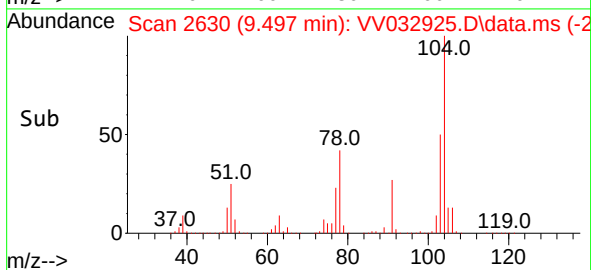
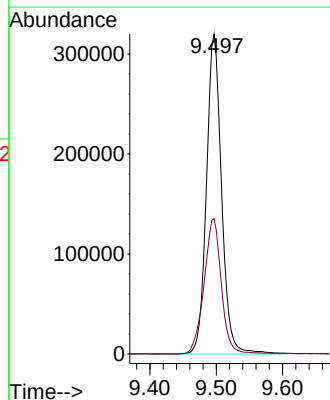
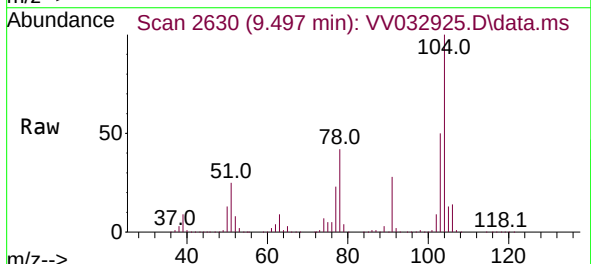
Instrument :
MSVOA_V
ClientSampleId :

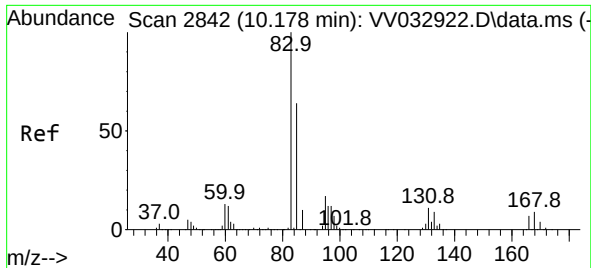
Tgt Ion:106 Resp: 281037
Ion Ratio Lower Upper
106 100
91 212.2 151.6 281.6



#55
Styrene
Concen: 54.704 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Tgt Ion:104 Resp: 506361
Ion Ratio Lower Upper
104 100
78 42.2 29.8 55.4

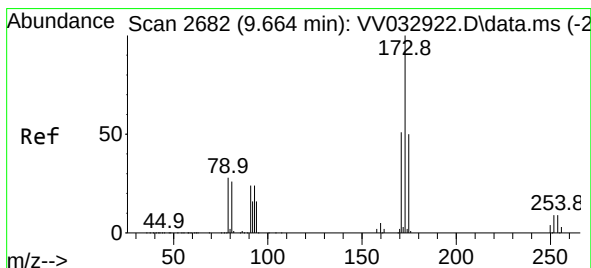
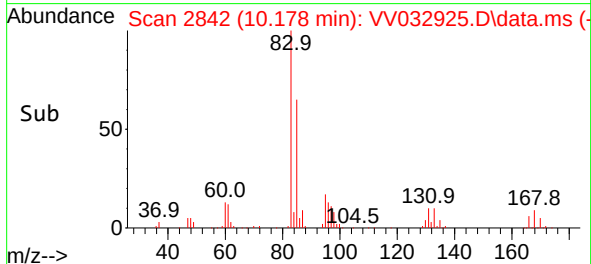
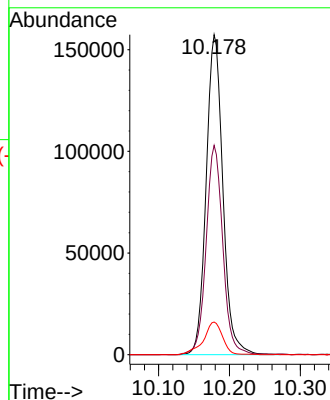
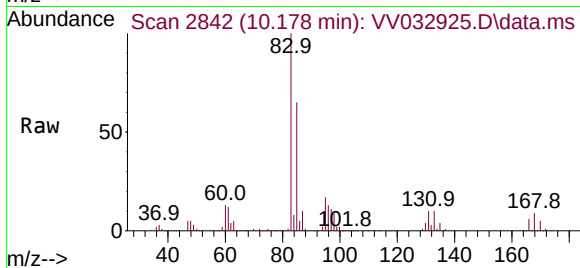




#57
1,1,2,2-Tetrachloroethane
Concen: 51.540 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

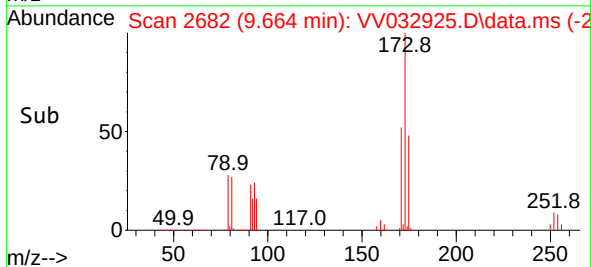
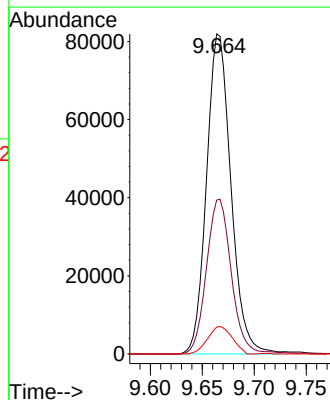
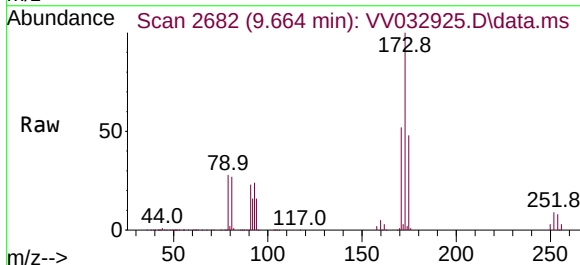
Instrument :
MSVOA_V
ClientSampleId :

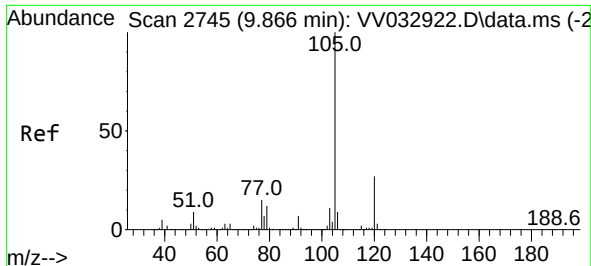
Tgt Ion: 83 Resp: 257374
Ion Ratio Lower Upper
83 100
85 65.4 44.7 83.1
131 10.2 8.7 13.1



#59
Bromoform
Concen: 52.662 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

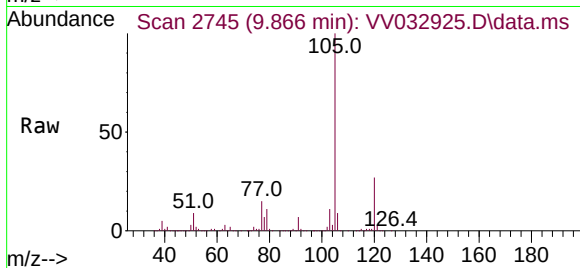
Tgt Ion: 173 Resp: 134009
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.4
254 8.6 7.0 10.6



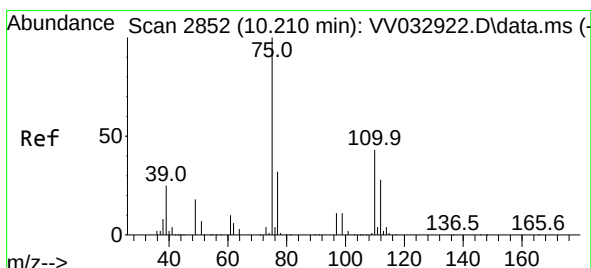
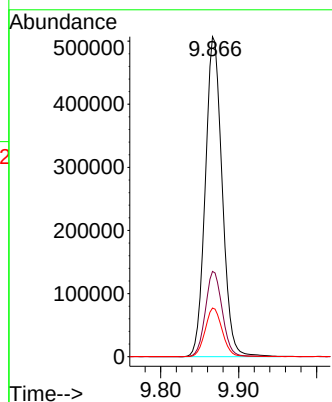
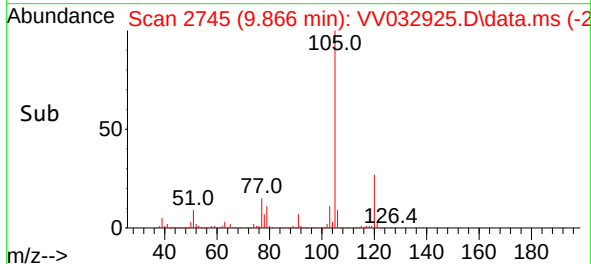


#60
Isopropylbenzene
Concen: 53.790 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Instrument :
MSVOA_V
ClientSampleId :

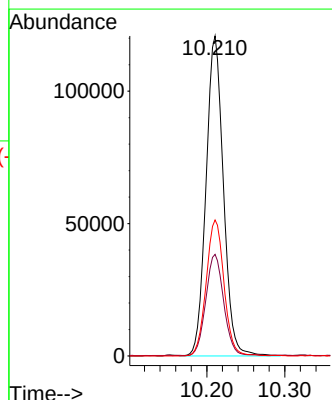
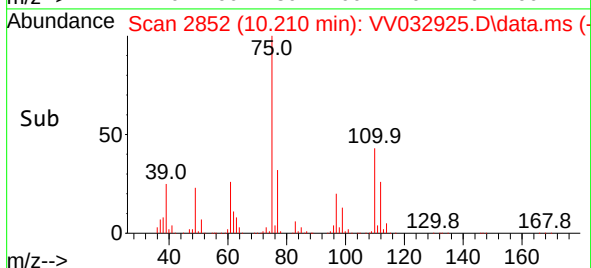
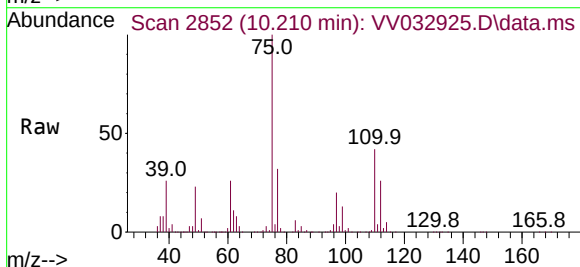


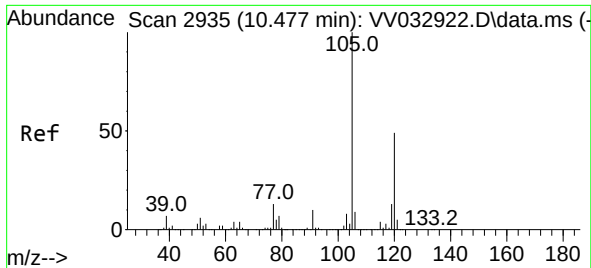
Tgt Ion:105 Resp: 761667
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 15.4 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 53.444 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Tgt Ion: 75 Resp: 187128
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.6
110 43.6 34.6 52.0

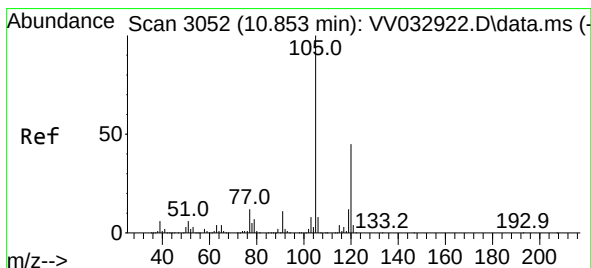
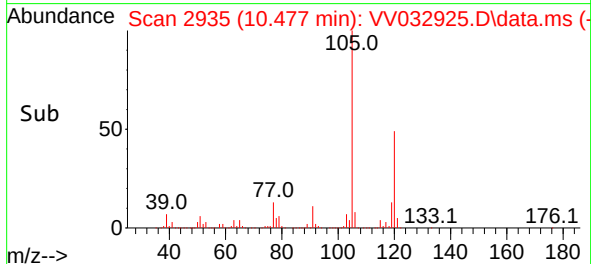
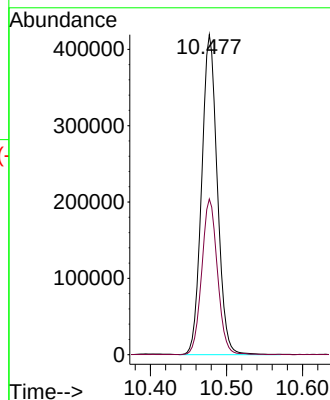
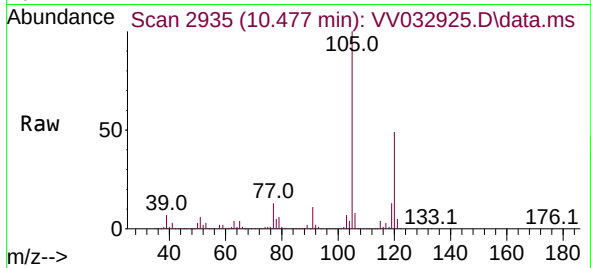




#62
 1,3,5-Trimethylbenzene
 Concen: 55.728 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VV032925.D
 Acq: 13 Nov 2023 12:17

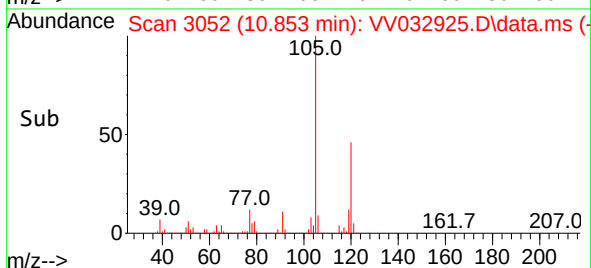
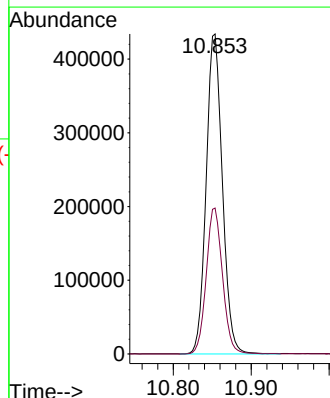
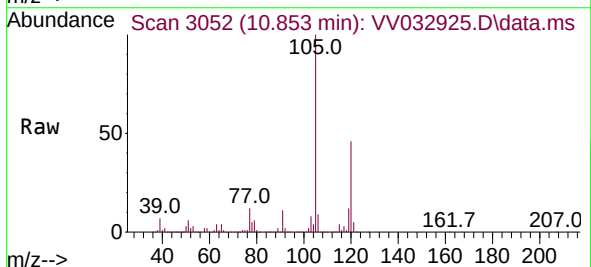
Instrument :
 MSVOA_V
 ClientSampleId :

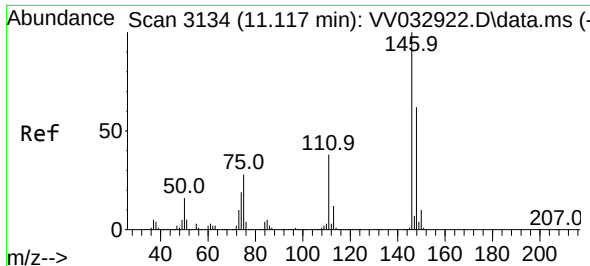
Tgt Ion:105 Resp: 598611
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 55.772 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. 0.000 min
 Lab File: VV032925.D
 Acq: 13 Nov 2023 12:17

Tgt Ion:105 Resp: 626401
 Ion Ratio Lower Upper
 105 100
 120 45.8 36.3 54.5

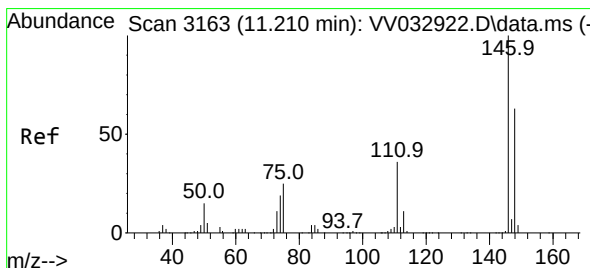
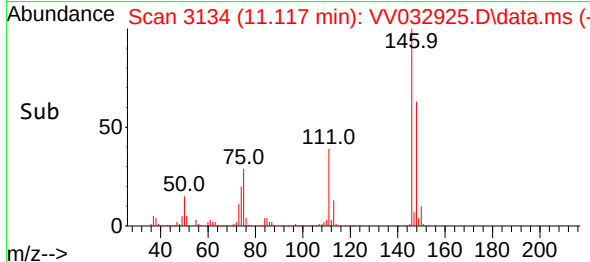
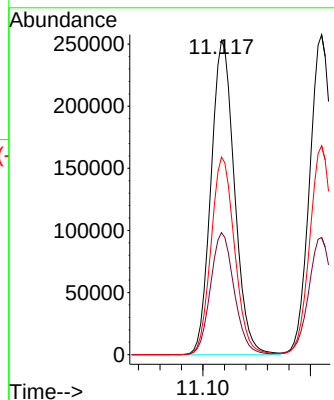
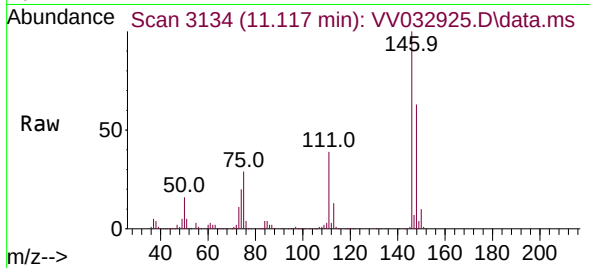




#64
1,3-Dichlorobenzene
Concen: 51.945 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

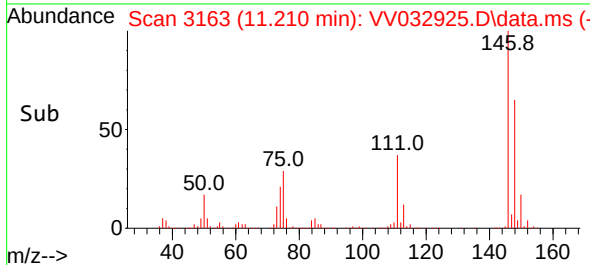
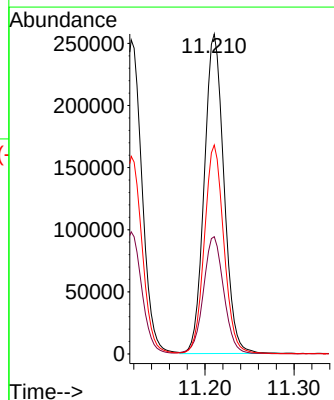
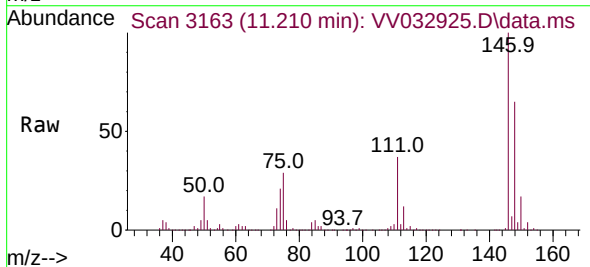
Instrument :
MSVOA_V
ClientSampleId :

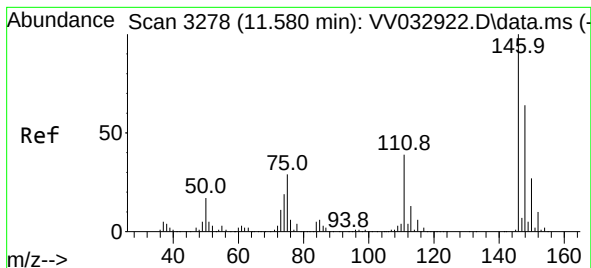
Tgt Ion:146 Resp: 383624
Ion Ratio Lower Upper
146 100
111 38.9 26.9 49.9
148 62.9 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 49.708 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032925.D
Acq: 13 Nov 2023 12:17

Tgt Ion:146 Resp: 393717
Ion Ratio Lower Upper
146 100
111 36.6 25.5 47.3
148 65.3 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 51.625 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

Instrument :

MSVOA_V

ClientSampleId :

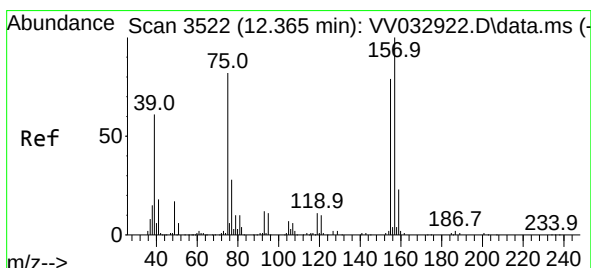
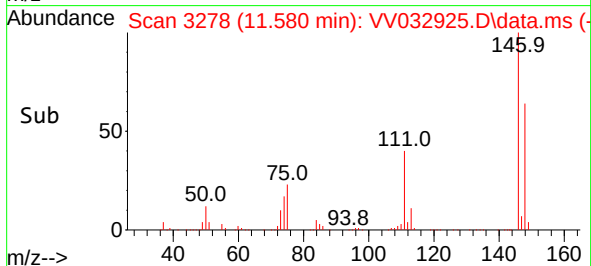
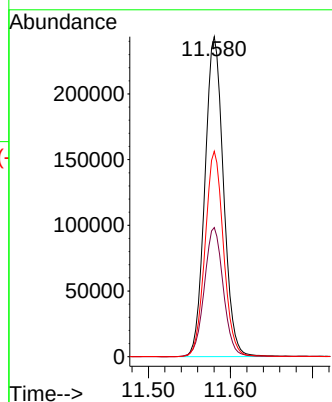
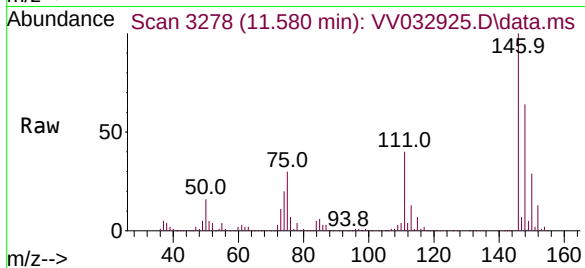
Tgt Ion:146 Resp: 383398

Ion Ratio Lower Upper

146 100

111 40.3 31.1 46.7

148 64.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 53.203 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

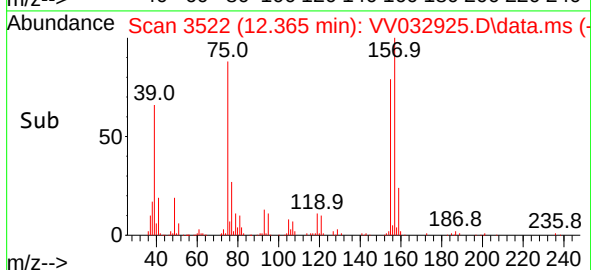
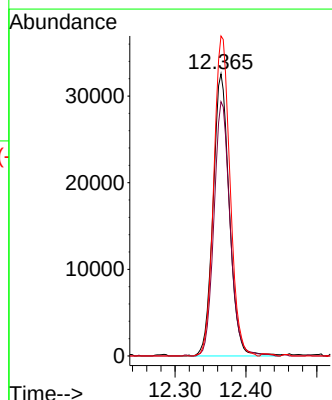
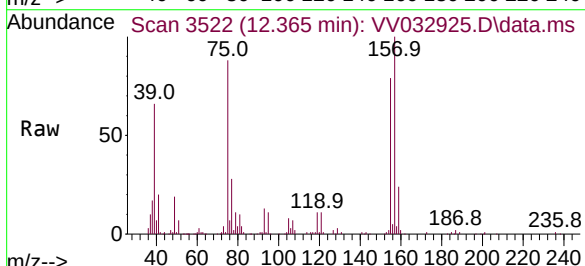
Tgt Ion: 75 Resp: 52061

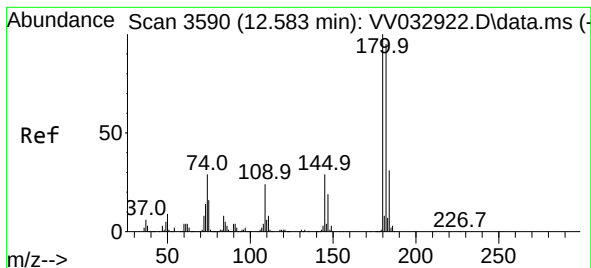
Ion Ratio Lower Upper

75 100

155 90.1 76.8 115.2

157 113.4 97.6 146.4





#69

1,3,5-Trichlorobenzene

Concen: 51.209 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 283744

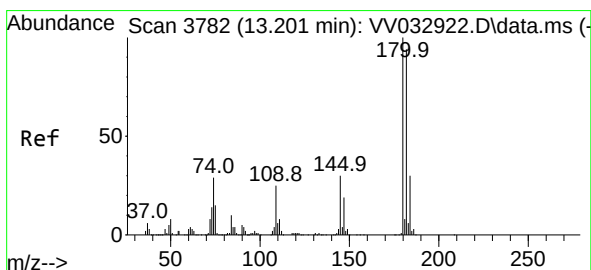
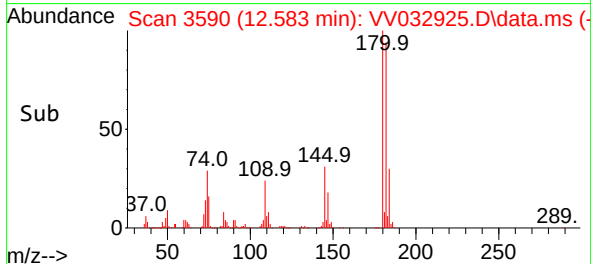
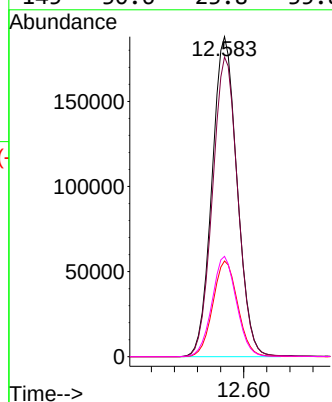
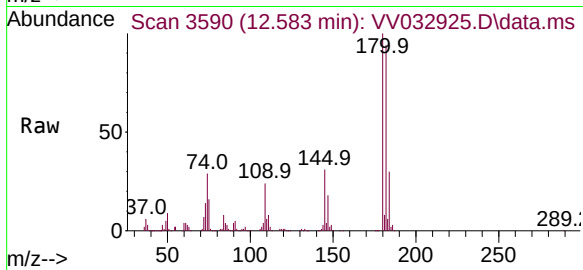
Ion Ratio Lower Upper

180 100

182 94.2 75.9 113.9

184 29.6 24.6 36.8

145 30.6 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 52.793 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

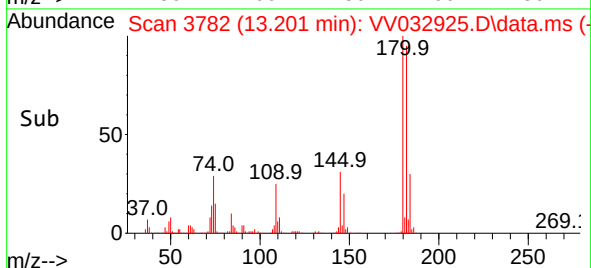
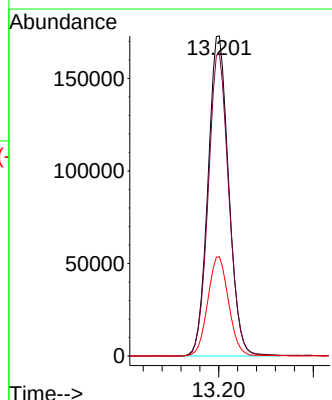
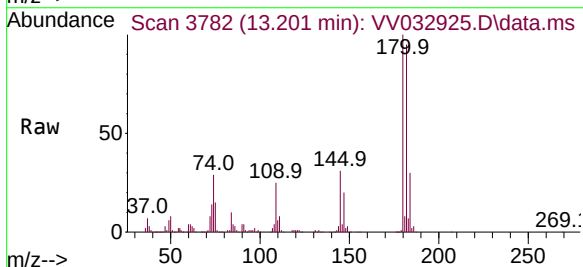
Tgt Ion:180 Resp: 262765

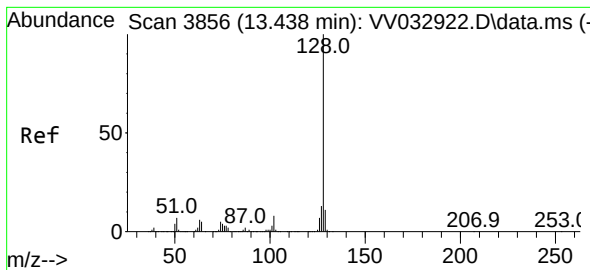
Ion Ratio Lower Upper

180 100

182 94.2 77.0 115.4

145 31.3 24.3 36.5





#71

Naphthalene

Concen: 58.468 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

Instrument :

MSVOA_V

ClientSampleId :

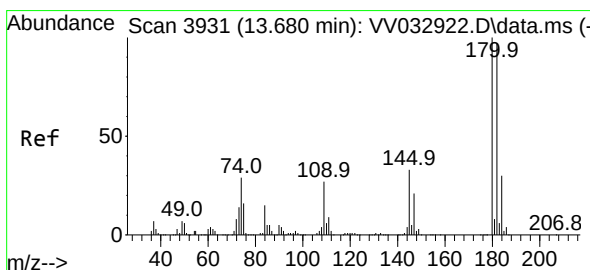
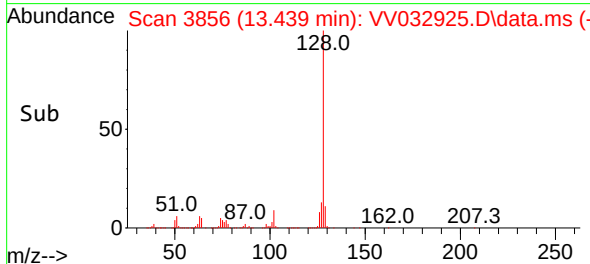
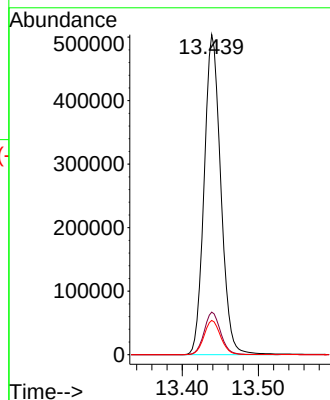
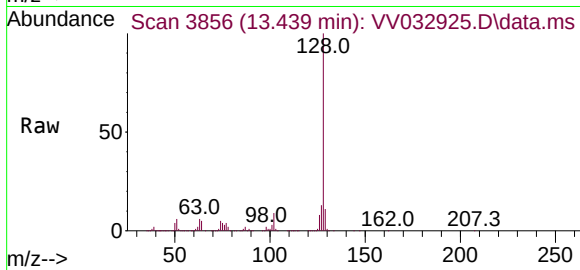
Tgt Ion:128 Resp: 764756

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 54.020 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV032925.D

Acq: 13 Nov 2023 12:17

Tgt Ion:180 Resp: 270596

Ion Ratio Lower Upper

180 100

182 93.9 76.9 115.3

145 32.3 26.1 39.1

