

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080522\
 Data File : VW027237.D
 Acq On : 05 Aug 2022 20:17
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 04:03:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 03:57:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	325310	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	326975	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	178567	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	75204	33.908	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.820%
7) Chloroethane-d5	1.651	69	625	0.385	ug/L	0.09
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.780%#
11) 1,1-Dichloroethene-d2	2.101	63	153104	37.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.480%
21) 2-Butanone-d5	3.873	46	214843	108.825	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.830%
24) Chloroform-d	4.346	84	203579	44.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.620%
26) 1,2-Dichloroethane-d4	5.027	65	129054	45.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.500%
32) Benzene-d6	5.043	84	315410	40.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.460%
36) 1,2-Dichloropropane-d6	6.066	67	123133	44.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.300%
41) Toluene-d8	7.313	98	270739	40.508	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.020%
43) trans-1,3-Dichloroprop...	7.619	79	54120	44.516	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.040%
47) 2-Hexanone-d5	8.085	63	146015	108.691	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.690%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	235887	51.896	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	136331	44.210	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	136725	47.246	ug/L	98
3) Chloromethane	1.236	50	169523	51.277	ug/L	99
5) Vinyl chloride	1.307	62	158579	48.150	ug/L	99
6) Bromomethane	1.507	94	73973	47.645	ug/L	99
8) Chloroethane	1.574	64	97101	52.923	ug/L	99
9) Trichlorofluoromethane	1.744	101	201475	47.677	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	108136	46.148	ug/L	97
12) 1,1-Dichloroethene	2.111	96	106294	47.156	ug/L	79
13) Acetone	2.156	43	162307	106.621	ug/L	91
14) Carbon disulfide	2.285	76	358565	46.739	ug/L	100
15) Methyl Acetate	2.423	43	190185	54.929	ug/L #	82
16) Methylene chloride	2.500	84	153608	51.017	ug/L	86
17) trans-1,2-Dichloroethene	2.751	96	124054	49.733	ug/L	90
18) Methyl tert-butyl Ether	2.767	73	399269	53.819	ug/L #	94
19) 1,1-Dichloroethane	3.182	63	257351	51.394	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	143731	55.468	ug/L	87
22) 2-Butanone	3.953	43	249563	119.580	ug/L	98
23) Bromochloromethane	4.240	128	74922	51.778	ug/L	84
25) Chloroform	4.368	83	265709	52.506	ug/L	100

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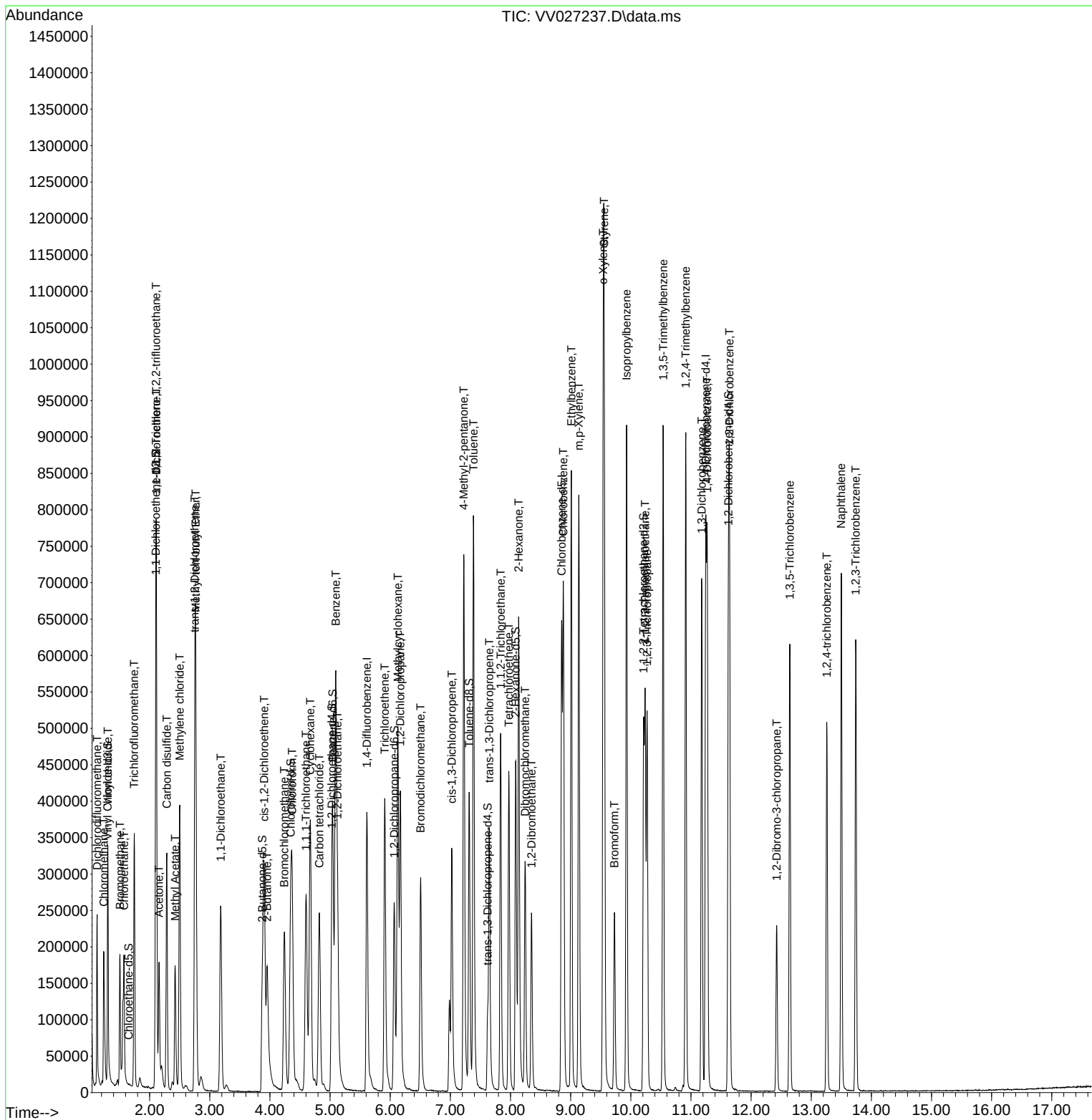
Instrument :
 MSVOA_V
 ClientSampleId :

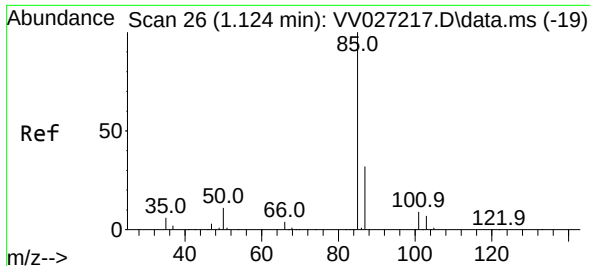
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	207294	52.596	ug/L	94
29) Cyclohexane	4.670	56	180214	47.857	ug/L	89
30) 1,1,1-Trichloroethane	4.600	97	216718	50.006	ug/L	96
31) Carbon tetrachloride	4.822	117	183226	48.696	ug/L	100
33) Benzene	5.095	78	546293	51.991	ug/L	100
34) Trichloroethene	5.908	95	147063	54.661	ug/L	95
35) Methylcyclohexane	6.127	83	187840	47.481	ug/L	90
37) 1,2-Dichloropropane	6.169	63	158636	53.890	ug/L	100
38) Bromodichloromethane	6.506	83	199541	51.735	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	201265	51.617	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	499386	118.918	ug/L #	90
42) Toluene	7.384	91	572398	53.578	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	201901	52.690	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	151077	53.250	ug/L	96
46) Tetrachloroethene	7.973	164	94531	48.005	ug/L	95
48) 2-Hexanone	8.136	43	409489	122.433	ug/L #	89
49) Dibromochloromethane	8.243	129	158000	52.683	ug/L	97
50) 1,2-Dibromoethane	8.349	107	157471	53.941	ug/L	99
51) Chlorobenzene	8.879	112	360083	50.250	ug/L	96
52) Ethylbenzene	9.011	91	565019	51.255	ug/L	99
53) m,p-Xylene	9.136	106	220666	52.966	ug/L	94
54) o-Xylene	9.542	106	214057	52.738	ug/L	92
55) Styrene	9.558	104	402348	56.272	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	257948	54.271	ug/L	99
59) Bromoform	9.728	173	104269	49.147	ug/L	99
60) Isopropylbenzene	9.931	105	543664	48.312	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	208821	50.938	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	451342	48.567	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	459899	50.516	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	268138	49.163	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	274909	47.895	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	281475	49.255	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	57156	49.696	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	171129	46.716	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	141953	46.657	ug/L	99
71) Naphthalene	13.500	128	512434	49.187	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	167045	49.534	ug/L	100

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

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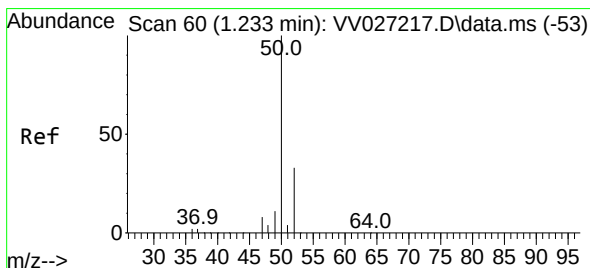
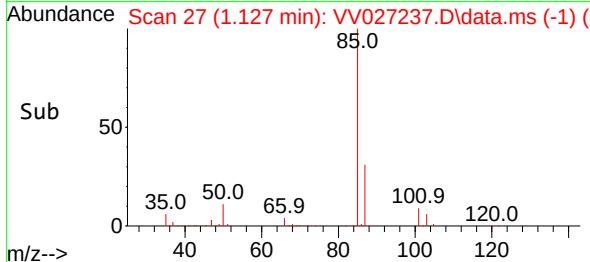
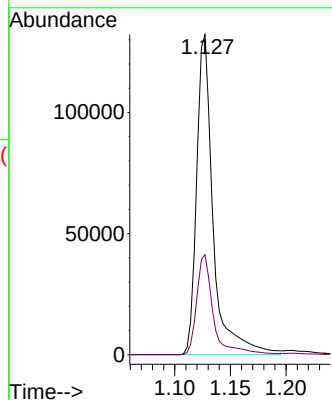
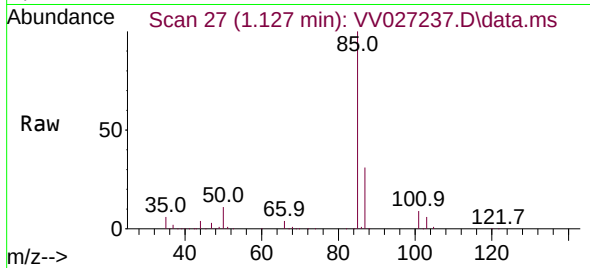




#2
 Dichlorodifluoromethane
 Concen: 47.246 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027237.D
 Acq: 05 Aug 2022 20:17

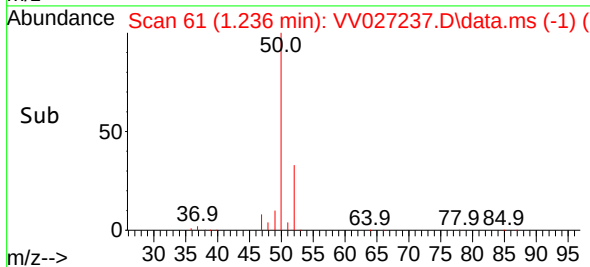
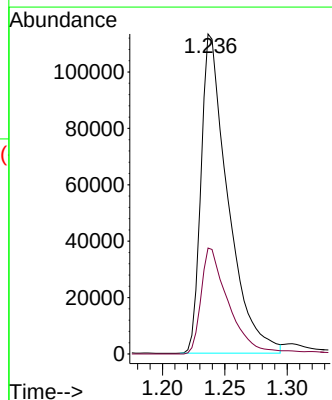
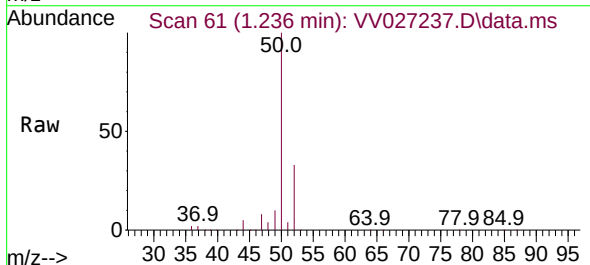
Instrument :
 MSVOA_V
 ClientSampleId :

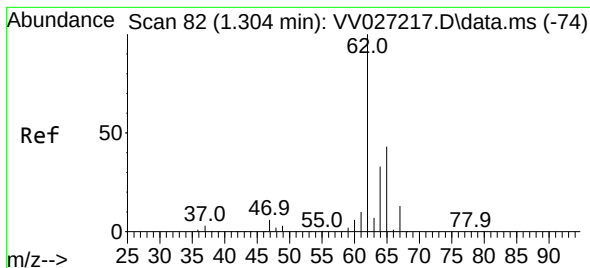
Tgt Ion: 85 Resp: 136725
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.1 39.1



#3
 Chloromethane
 Concen: 51.277 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VV027237.D
 Acq: 05 Aug 2022 20:17

Tgt Ion: 50 Resp: 169523
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.5 43.7





#5

Vinyl chloride

Concen: 48.150 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

Instrument :

MSVOA_V

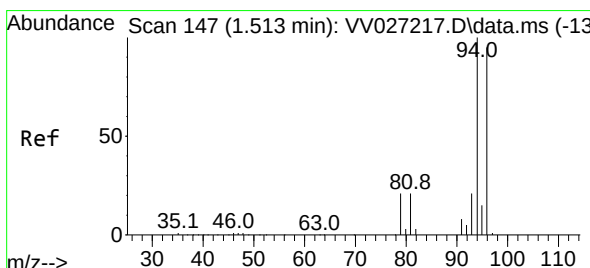
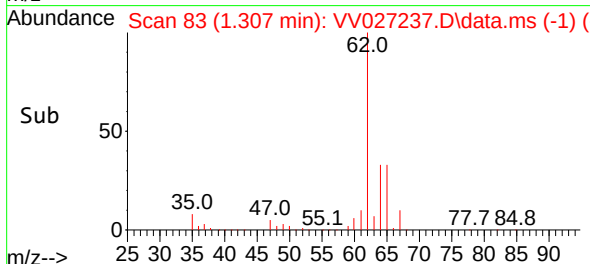
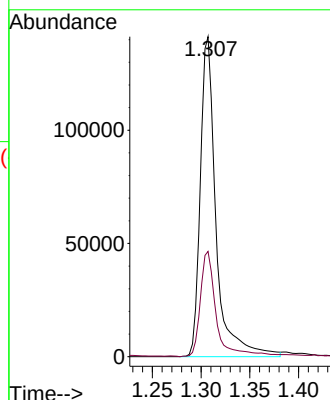
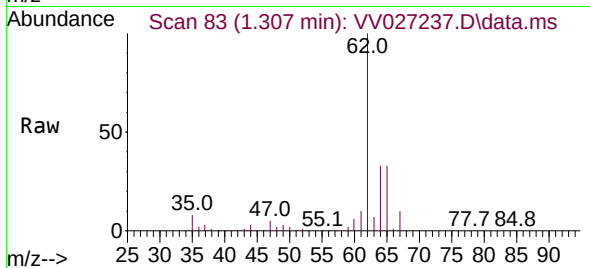
ClientSampleId :

Tgt Ion: 62 Resp: 158579

Ion Ratio Lower Upper

62 100

64 32.9 23.2 43.2



#6

Bromomethane

Concen: 47.645 ug/L

RT: 1.507 min Scan# 145

Delta R.T. -0.006 min

Lab File: VV027237.D

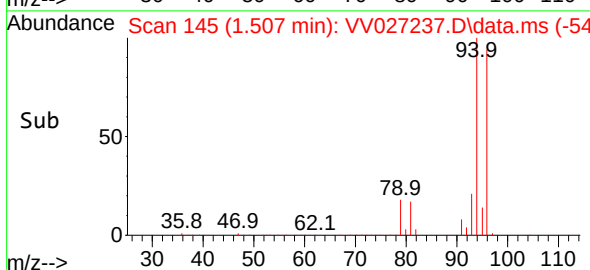
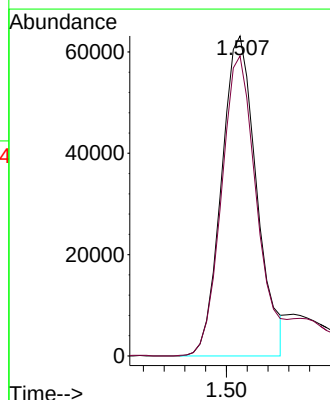
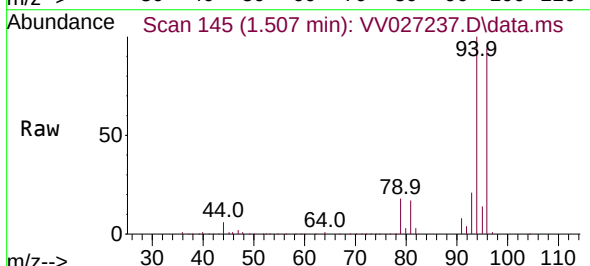
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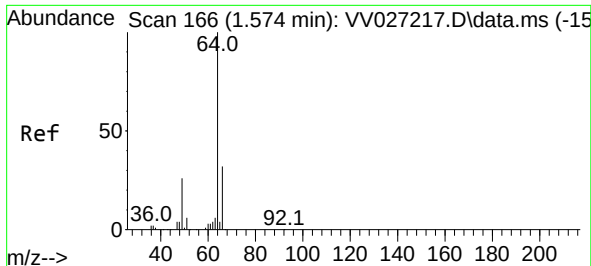
Tgt Ion: 94 Resp: 73973

Ion Ratio Lower Upper

94 100

96 93.7 66.1 122.8

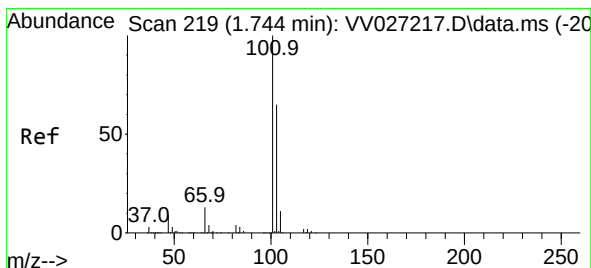
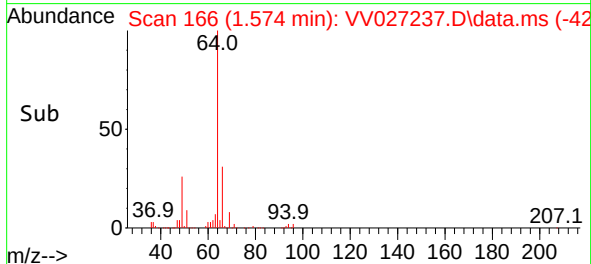
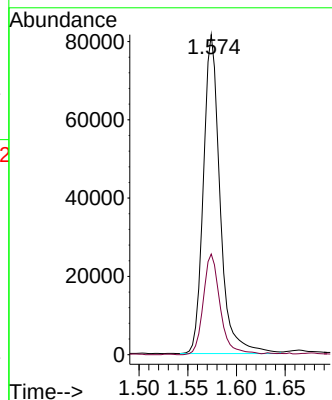
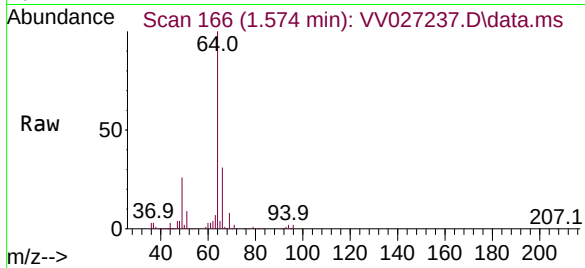




#8
Chloroethane
Concen: 52.923 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.000 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

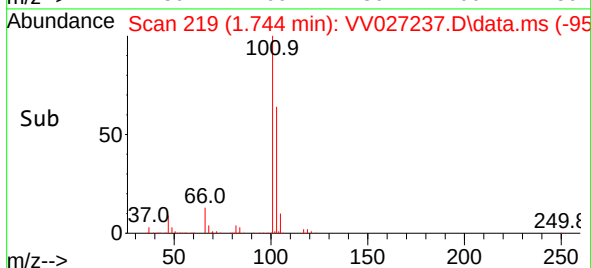
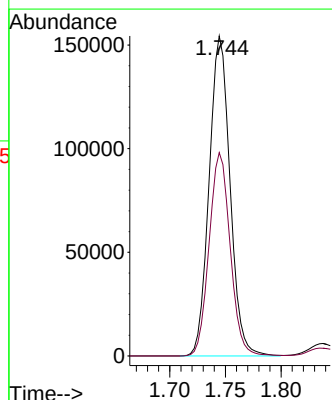
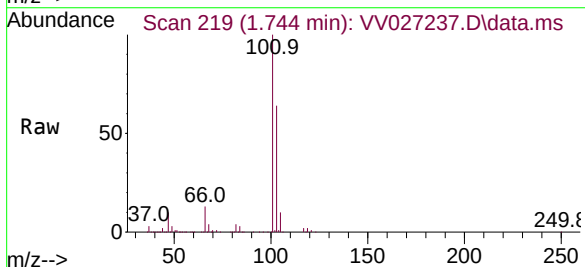
Instrument :
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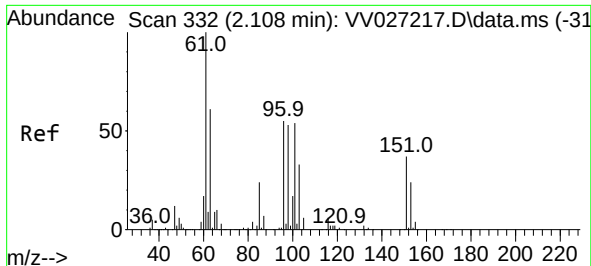
Tgt Ion: 64 Resp: 97101
Ion Ratio Lower Upper
64 100
66 31.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 47.677 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

Tgt Ion: 101 Resp: 201475
Ion Ratio Lower Upper
101 100
103 64.0 52.4 78.6

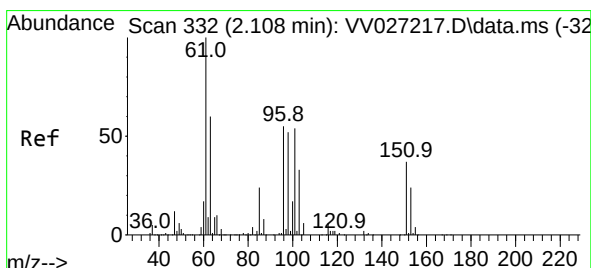
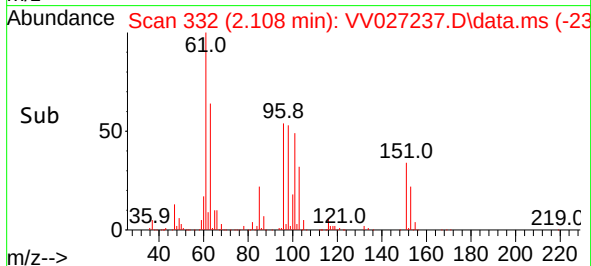
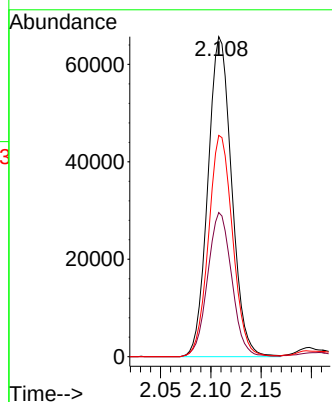
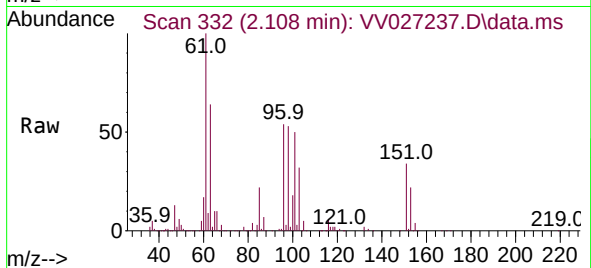




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.148 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV027237.D
 Acq: 05 Aug 2022 20:17

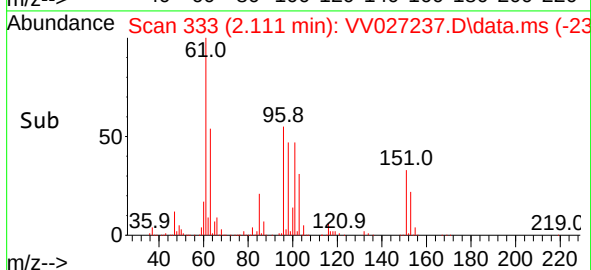
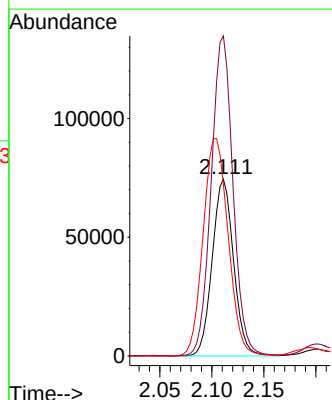
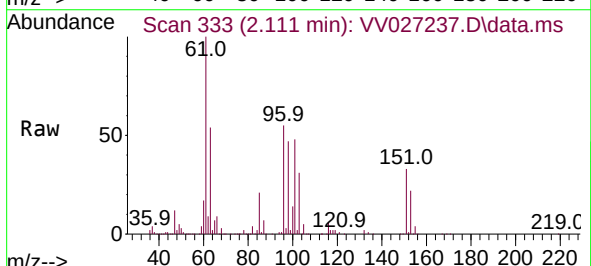
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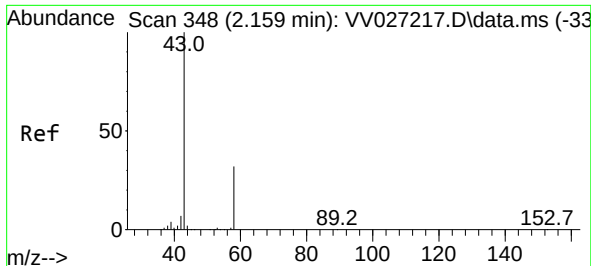
Tgt Ion:101 Resp: 108136
 Ion Ratio Lower Upper
 101 100
 85 45.6 34.1 51.1
 151 70.2 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 47.156 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV027237.D
 Acq: 05 Aug 2022 20:17

Tgt Ion: 96 Resp: 106294
 Ion Ratio Lower Upper
 96 100
 61 181.1 114.3 212.3
 63 97.3 93.4 173.4





#13

Acetone

Concen: 106.621 ug/L

RT: 2.156 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

Instrument :

MSVOA_V

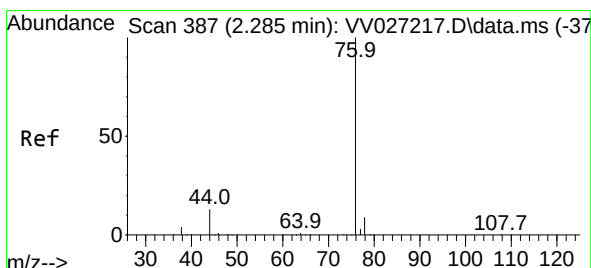
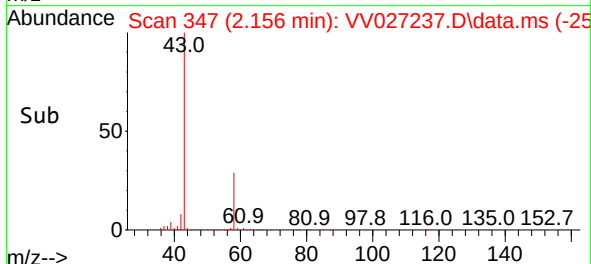
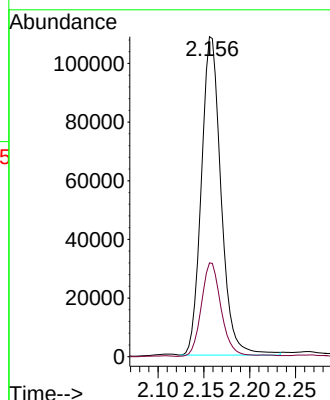
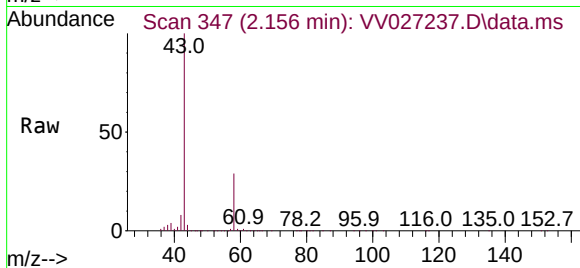
ClientSampleId :

Tgt Ion: 43 Resp: 162307

Ion Ratio Lower Upper

43 100

58 29.4 0.0 49.6



#14

Carbon disulfide

Concen: 46.739 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV027237.D

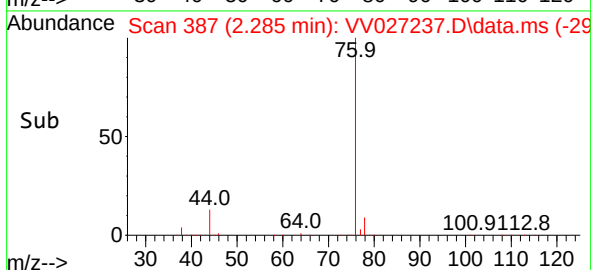
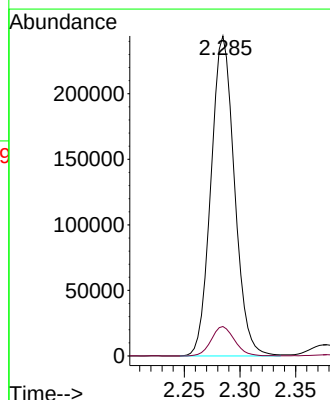
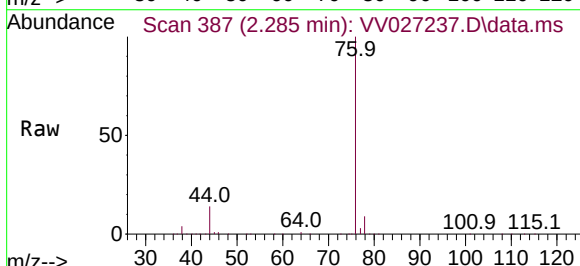
Acq: 05 Aug 2022 20:17

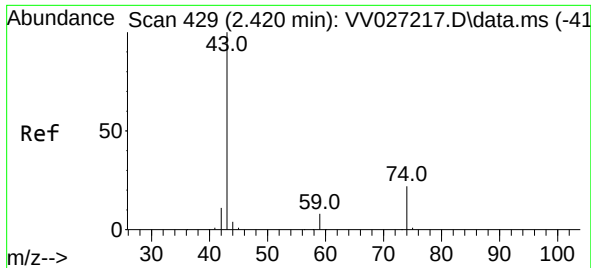
Tgt Ion: 76 Resp: 358565

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

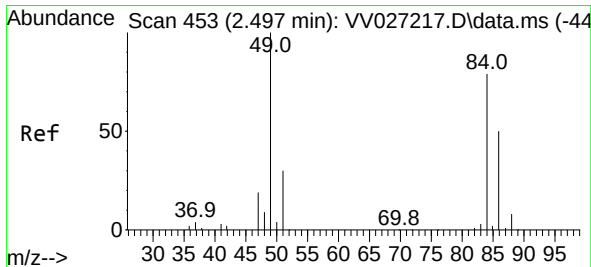
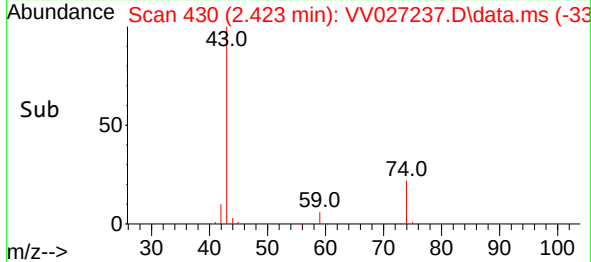
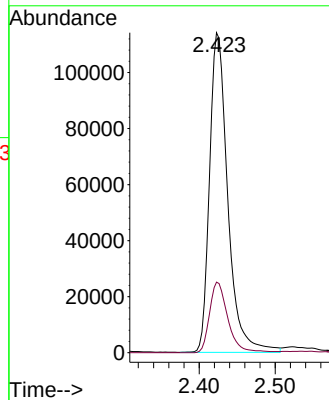
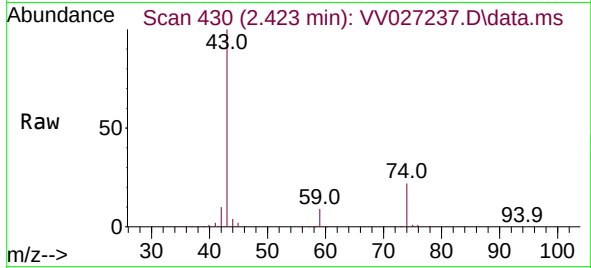




#15
Methyl Acetate
Concen: 54.929 ug/L
RT: 2.423 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

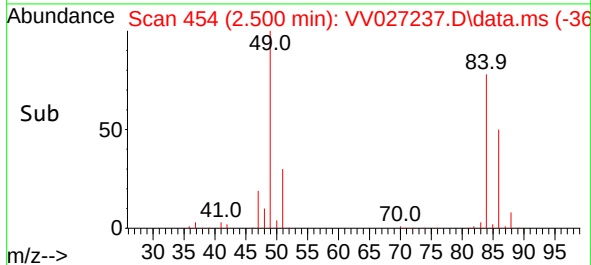
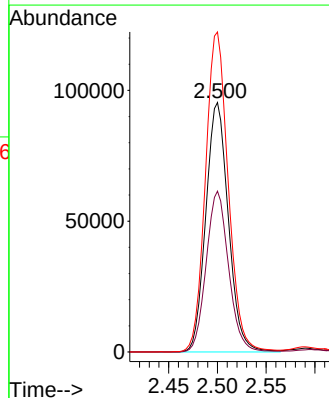
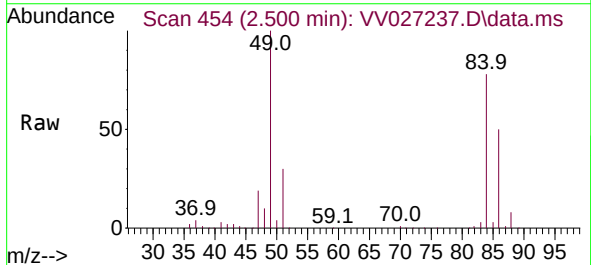
Instrument :
MSVOA_V
ClientSampleId :

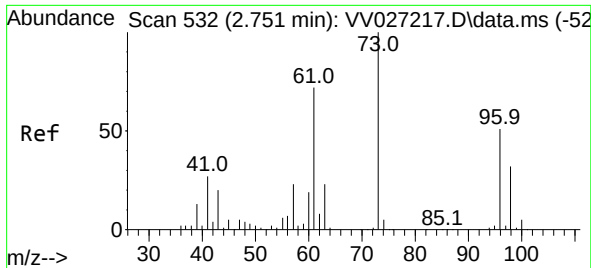
Tgt Ion: 43 Resp: 190185
Ion Ratio Lower Upper
43 100
74 22.1 25.5 38.3#



#16
Methylene chloride
Concen: 51.017 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

Tgt Ion: 84 Resp: 153608
Ion Ratio Lower Upper
84 100
86 64.5 45.0 83.6
49 128.3 74.1 137.7

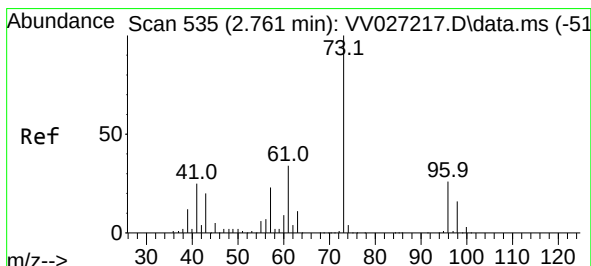
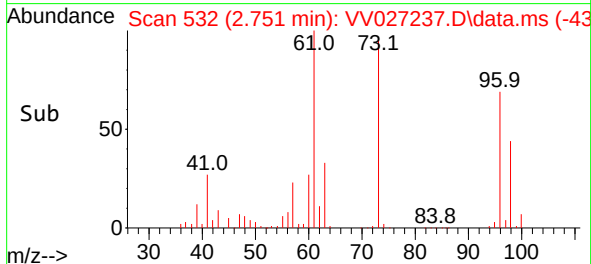
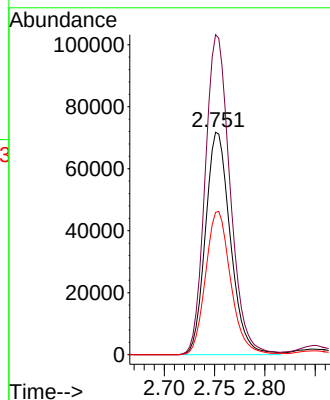
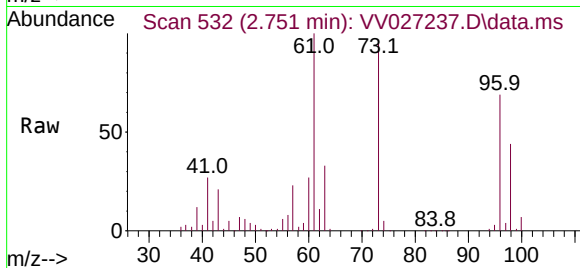




#17
trans-1,2-Dichloroethene
Concen: 49.733 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

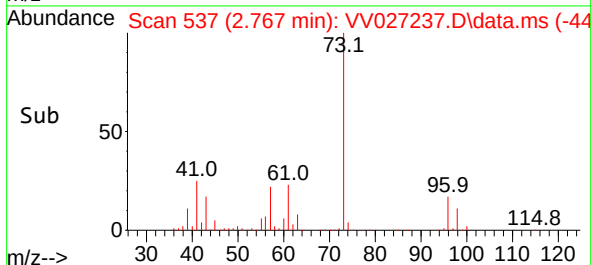
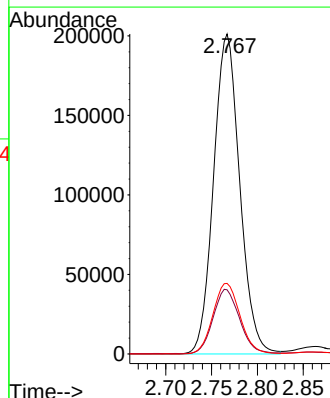
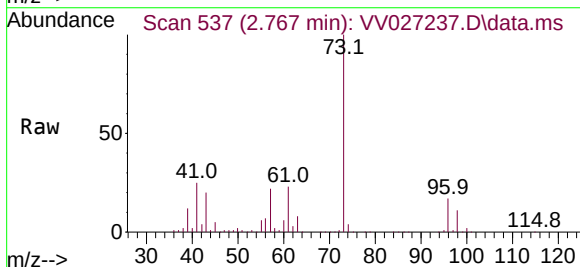
Instrument :
MSVOA_V
ClientSampleId :

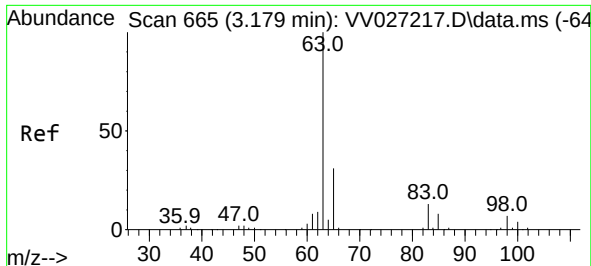
Tgt Ion: 96 Resp: 124054
Ion Ratio Lower Upper
96 100
61 143.9 89.2 165.6
98 64.0 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 53.819 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

Tgt Ion: 73 Resp: 399269
Ion Ratio Lower Upper
73 100
43 20.4 12.6 18.8#
57 22.8 17.3 25.9





#19

1,1-Dichloroethane

Concen: 51.394 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

Instrument :

MSVOA_V

ClientSampleId :

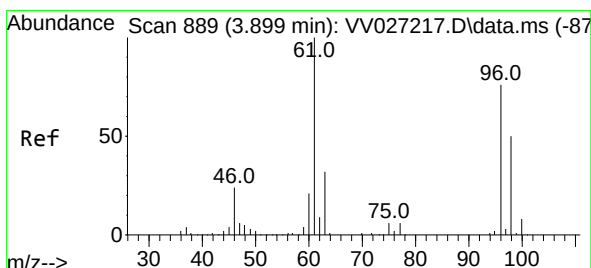
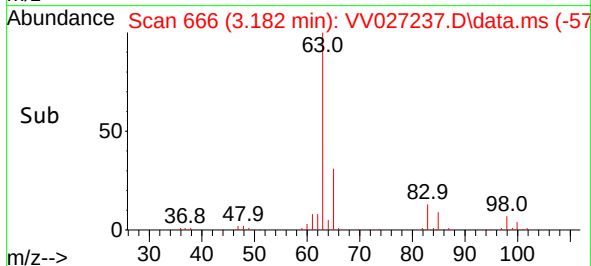
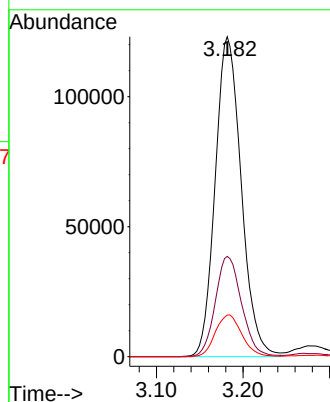
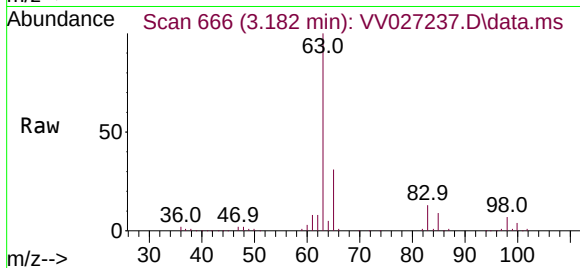
Tgt Ion: 63 Resp: 257351

Ion Ratio Lower Upper

63 100

65 31.4 22.7 42.3

83 13.0 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 55.468 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

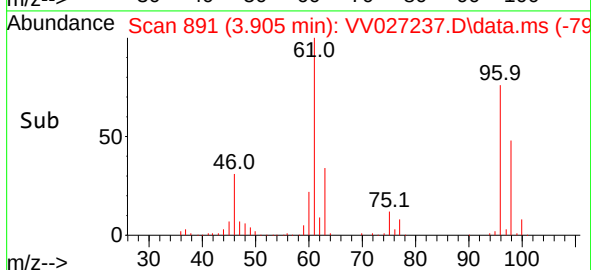
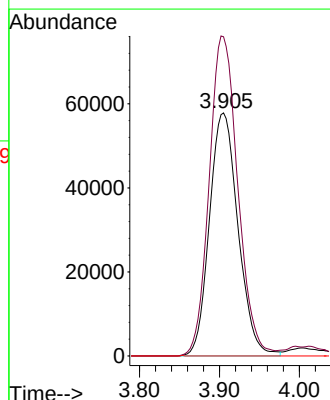
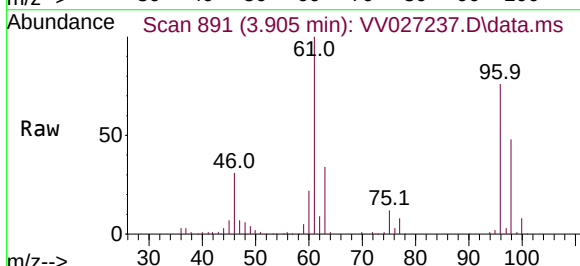
Tgt Ion: 96 Resp: 143731

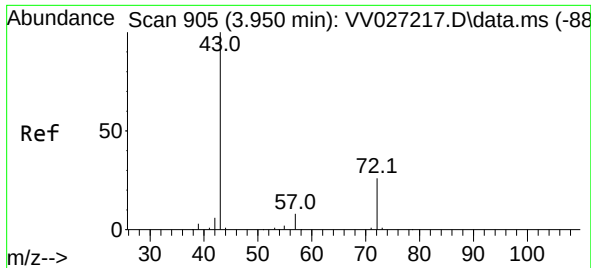
Ion Ratio Lower Upper

96 100

61 131.3 81.8 151.8

68 0.0 0.0 0.0

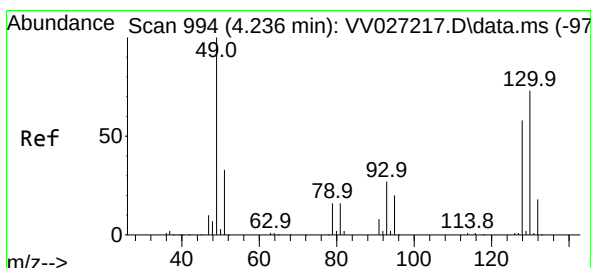
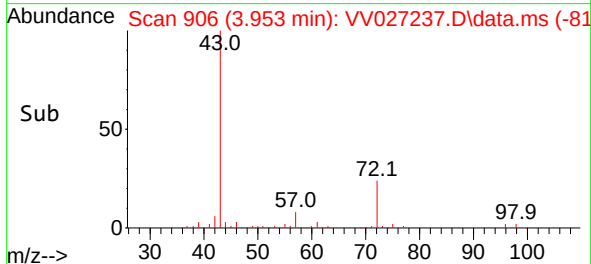
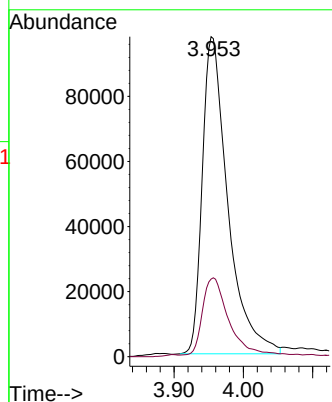
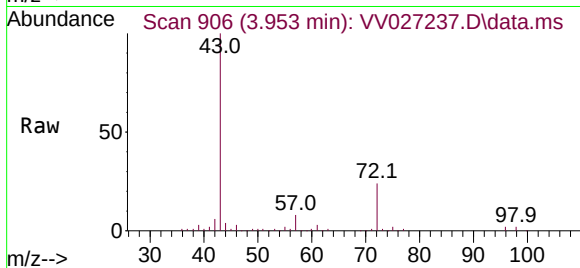




#22
2-Butanone
Concen: 119.580 ug/L
RT: 3.953 min Scan# 905
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

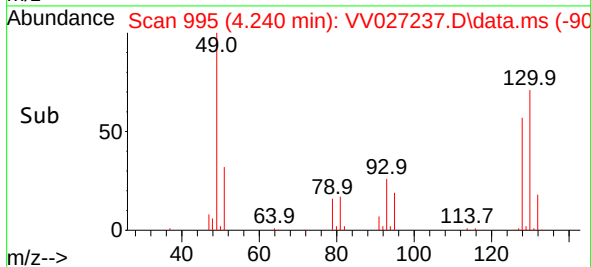
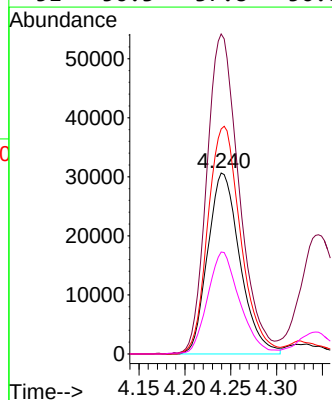
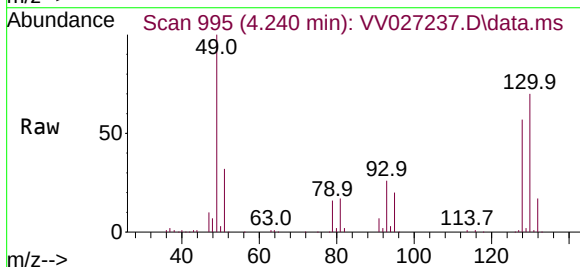
Instrument :
MSVOA_V
ClientSampleId :

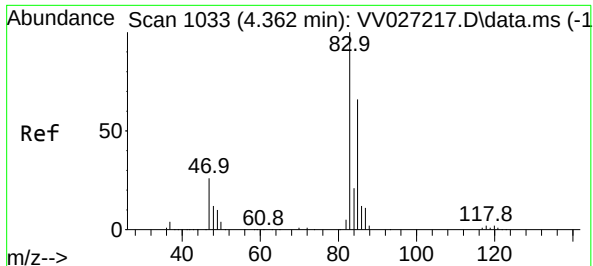
Tgt Ion: 43 Resp: 249563
Ion Ratio Lower Upper
43 100
72 24.8 11.9 35.7



#23
Bromochloromethane
Concen: 51.778 ug/L
RT: 4.240 min Scan# 995
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

Tgt Ion:128 Resp: 74922
Ion Ratio Lower Upper
128 100
49 176.8 98.7 183.3
130 124.2 89.5 166.1
51 56.3 37.8 56.8





#25

Chloroform

Concen: 52.506 ug/L

RT: 4.368 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

Instrument :

MSVOA_V

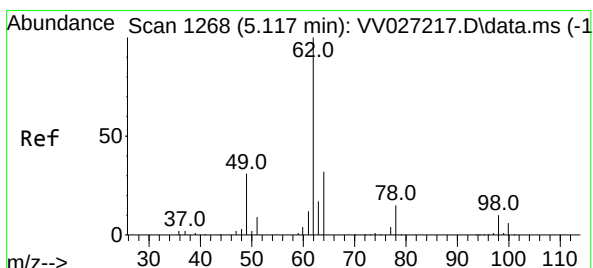
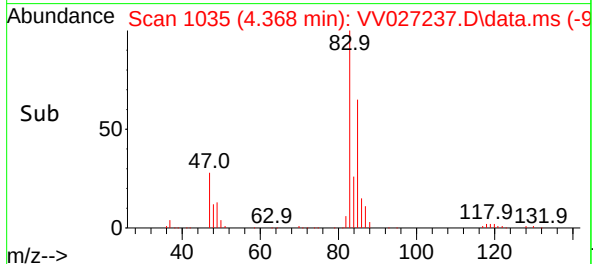
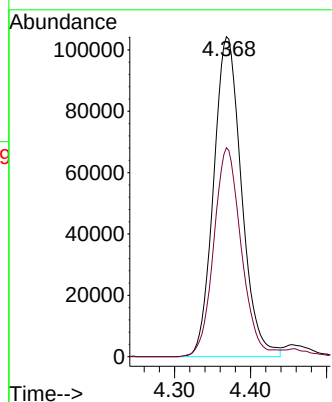
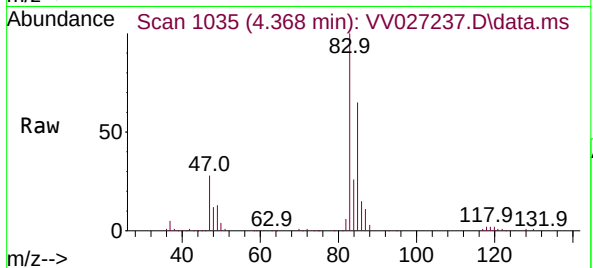
ClientSampleId :

Tgt Ion: 83 Resp: 265709

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.4



#27

1,2-Dichloroethane

Concen: 52.596 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VV027237.D

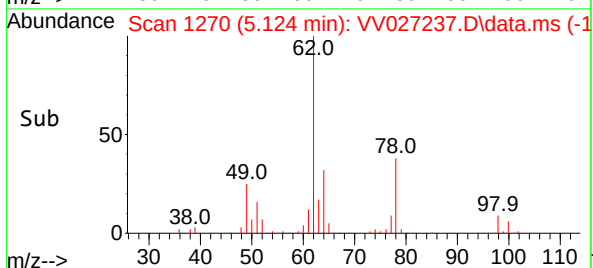
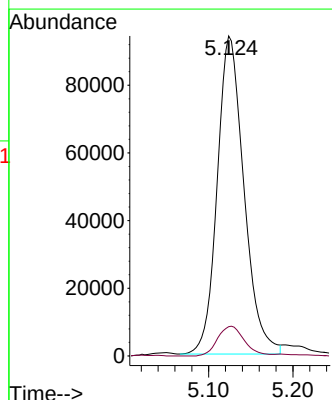
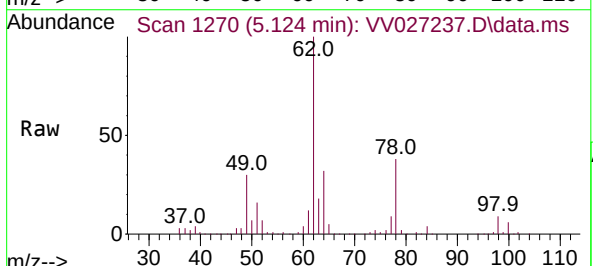
Acq: 05 Aug 2022 20:17

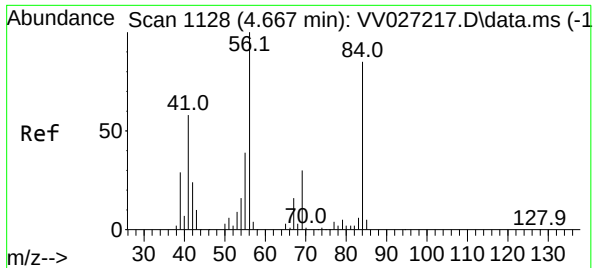
Tgt Ion: 62 Resp: 207294

Ion Ratio Lower Upper

62 100

98 9.1 9.0 13.6

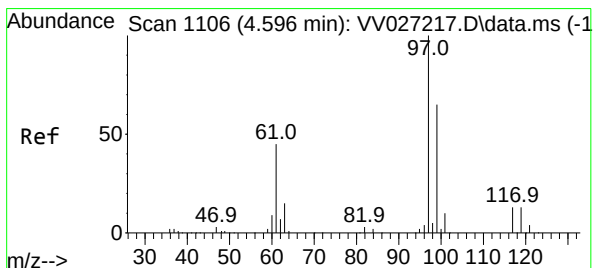
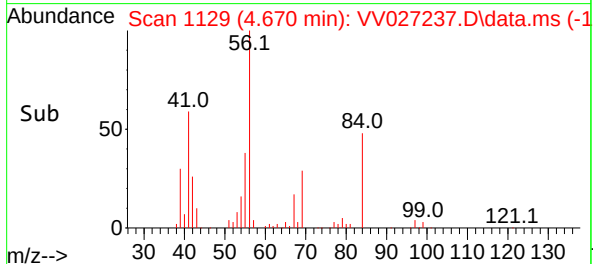
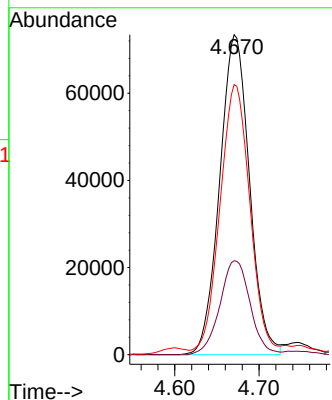
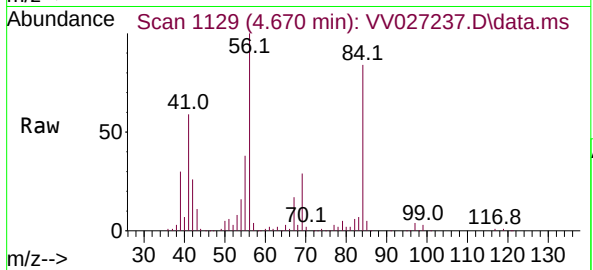




#29
Cyclohexane
Concen: 47.857 ug/L
RT: 4.670 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

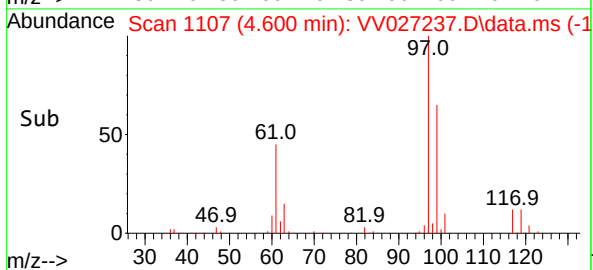
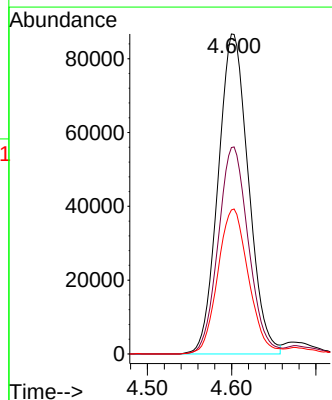
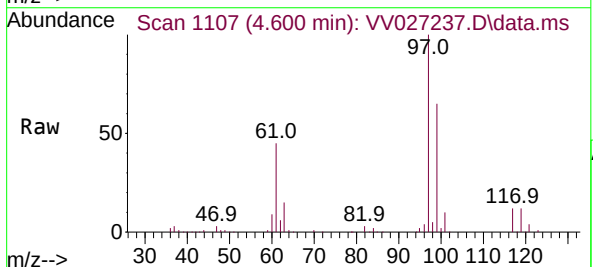
Instrument :
MSVOA_V
ClientSampleId :

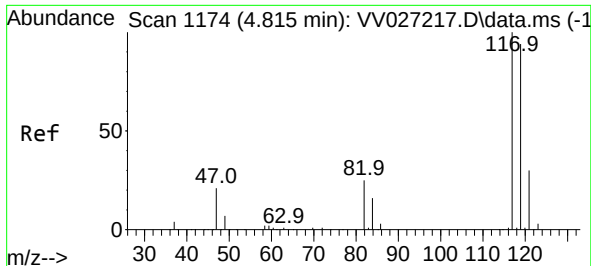
Tgt Ion: 56 Resp: 180214
Ion Ratio Lower Upper
56 100
69 29.8 25.9 38.9
84 81.9 75.3 112.9



#30
1,1,1-Trichloroethane
Concen: 50.006 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

Tgt Ion: 97 Resp: 216718
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 45.8 32.1 48.1

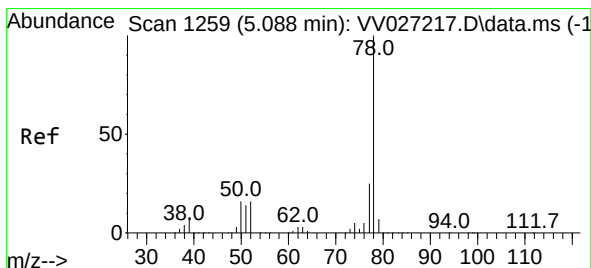
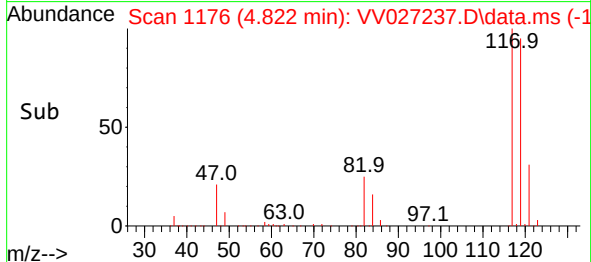
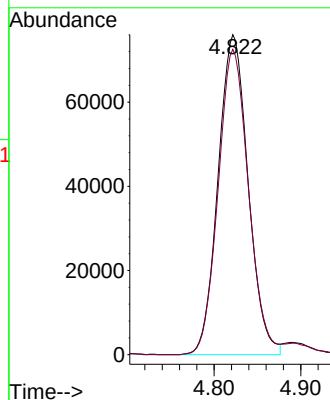
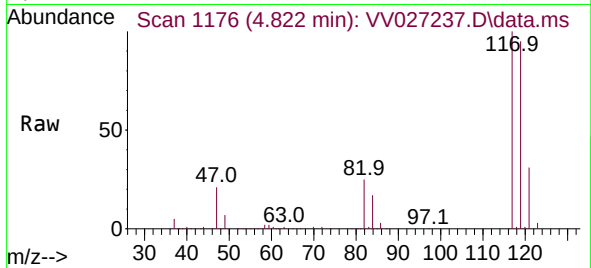




#31
Carbon tetrachloride
Concen: 48.696 ug/L
RT: 4.822 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

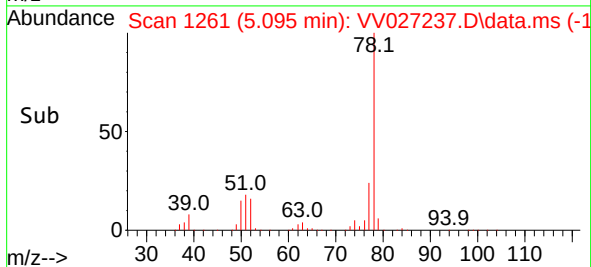
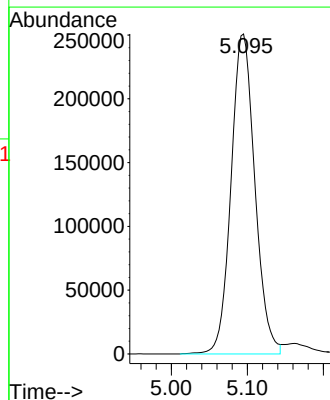
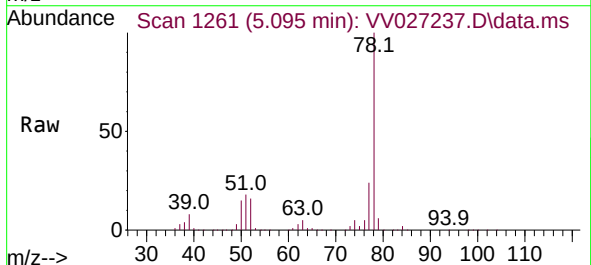
Instrument :
MSVOA_V
ClientSampleId :

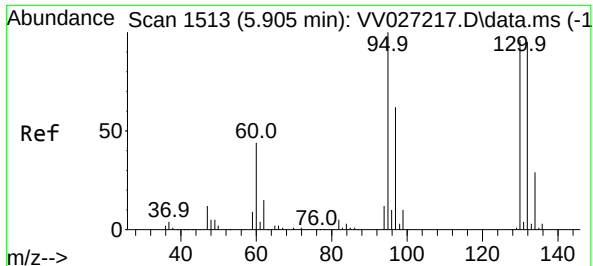
Tgt Ion:117 Resp: 183226
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6



#33
Benzene
Concen: 51.991 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

Tgt Ion: 78 Resp: 546293

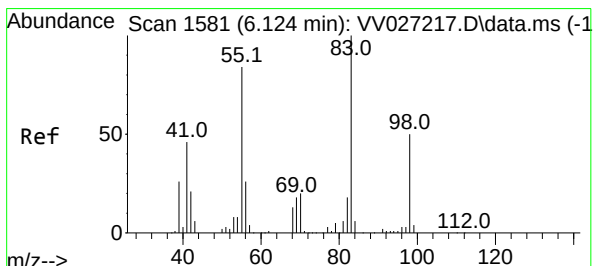
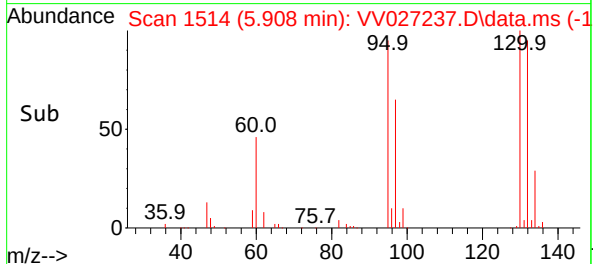
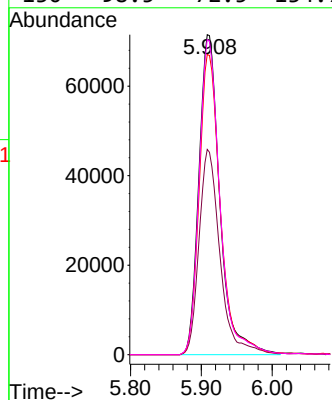
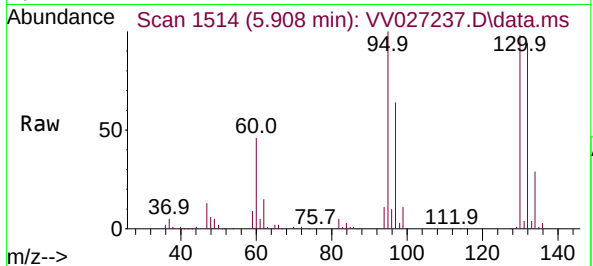




#34
Trichloroethene
Concen: 54.661 ug/L
RT: 5.908 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

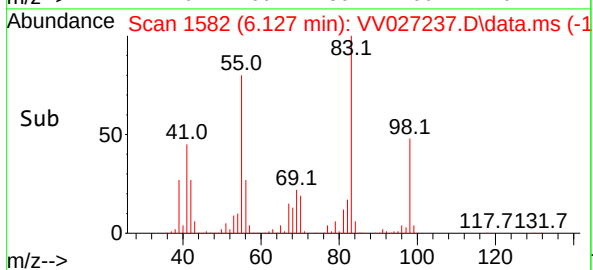
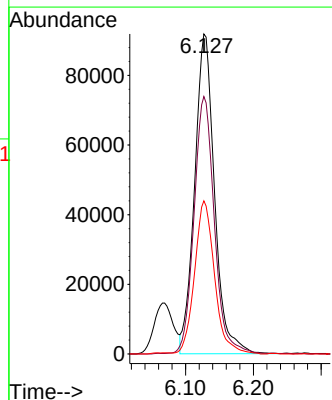
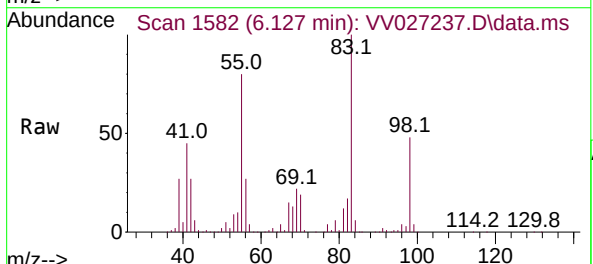
Instrument :
MSVOA_V
ClientSampleId :

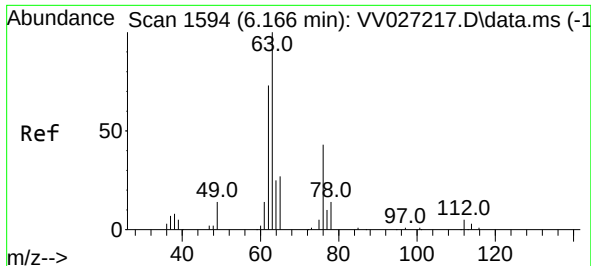
Tgt Ion: 95 Resp: 147063
Ion Ratio Lower Upper
95 100
97 64.1 45.9 85.3
132 93.8 69.8 129.6
130 98.5 72.5 134.7



#35
Methylcyclohexane
Concen: 47.481 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

Tgt Ion: 83 Resp: 187840
Ion Ratio Lower Upper
83 100
55 82.3 55.5 83.3
98 48.1 39.0 58.4





#37

1,2-Dichloropropane

Concen: 53.890 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

Instrument :

MSVOA_V

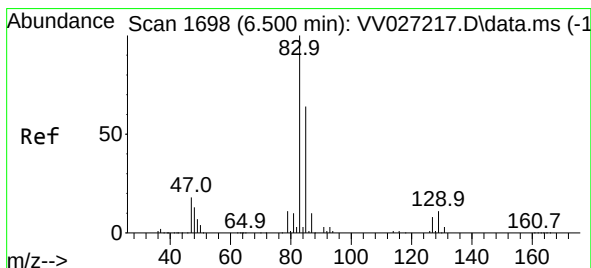
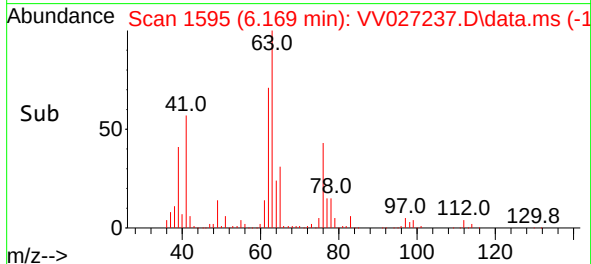
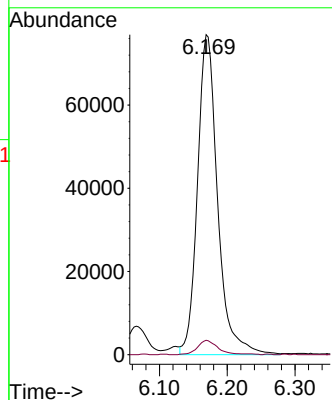
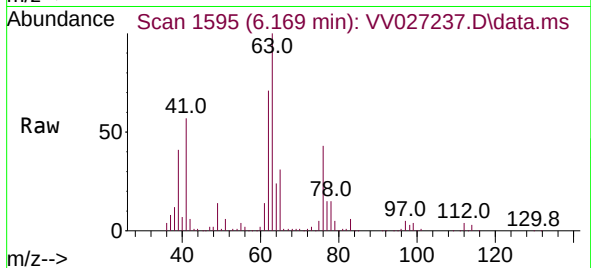
ClientSampleId :

Tgt Ion: 63 Resp: 158636

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 51.735 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

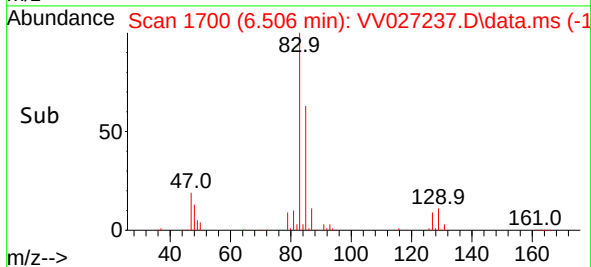
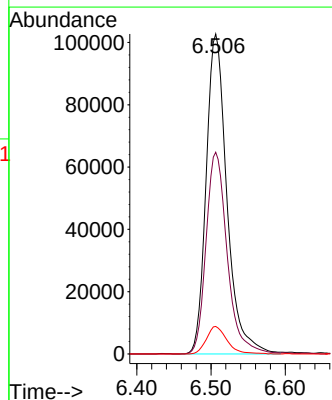
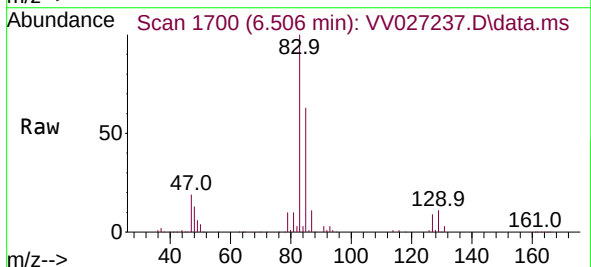
Tgt Ion: 83 Resp: 199541

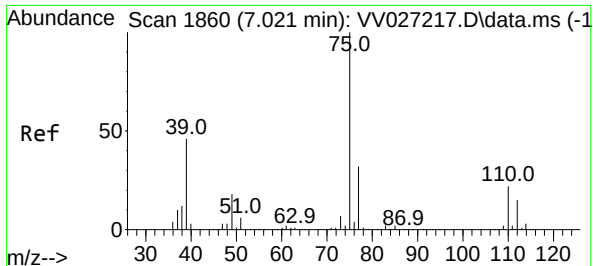
Ion Ratio Lower Upper

83 100

85 63.1 45.5 84.5

127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 51.617 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

Instrument :

MSVOA_V

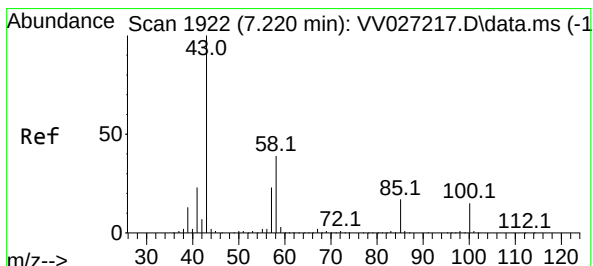
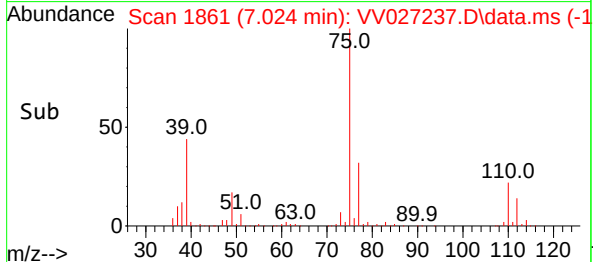
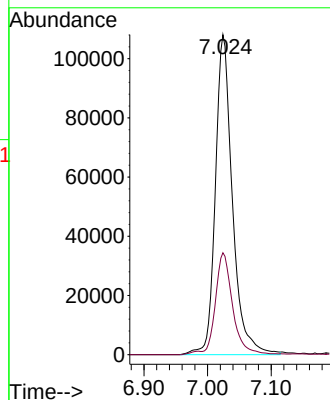
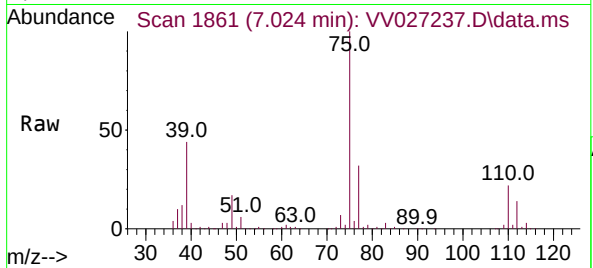
ClientSampleId :

Tgt Ion: 75 Resp: 201265

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 118.918 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

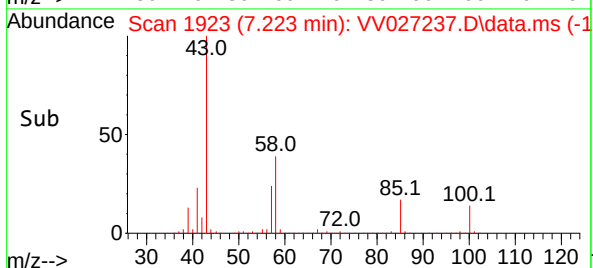
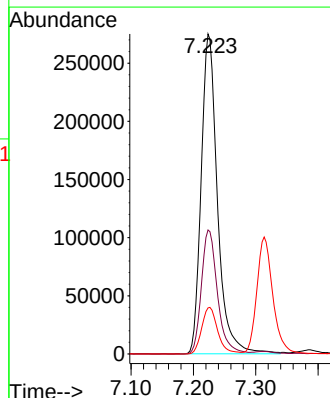
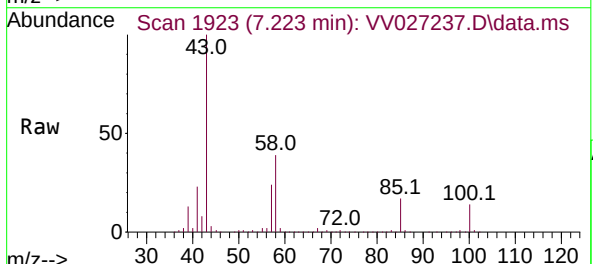
Tgt Ion: 43 Resp: 499386

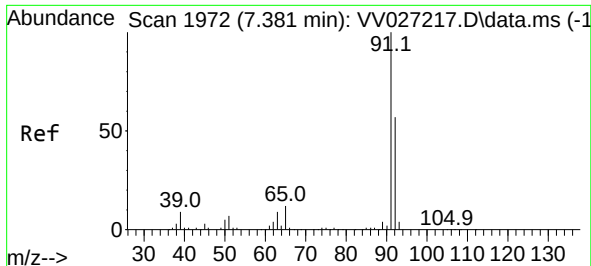
Ion Ratio Lower Upper

43 100

58 38.2 35.3 52.9

100 14.3 15.7 23.5#





#42

Toluene

Concen: 53.578 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

Instrument :

MSVOA_V

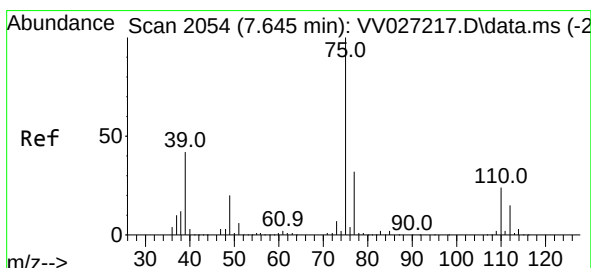
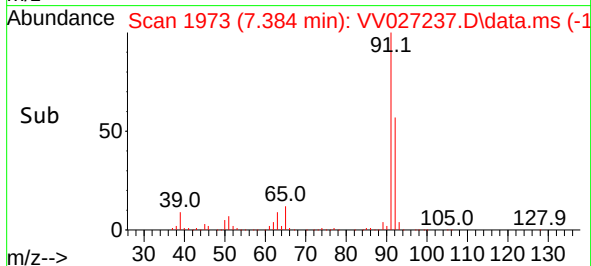
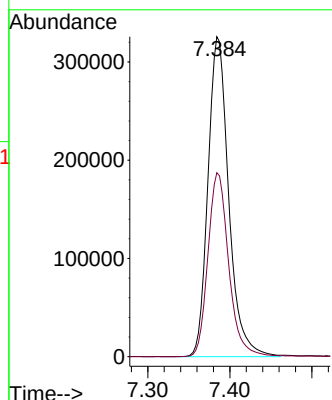
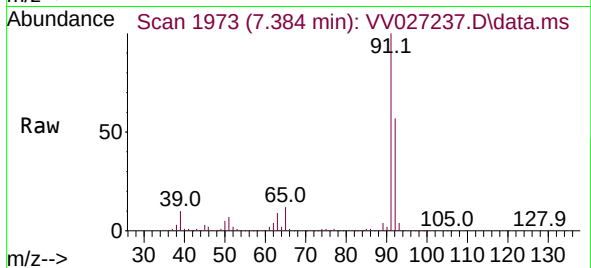
ClientSampleId :

Tgt Ion: 91 Resp: 572398

Ion Ratio Lower Upper

91 100

92 57.5 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 52.690 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV027237.D

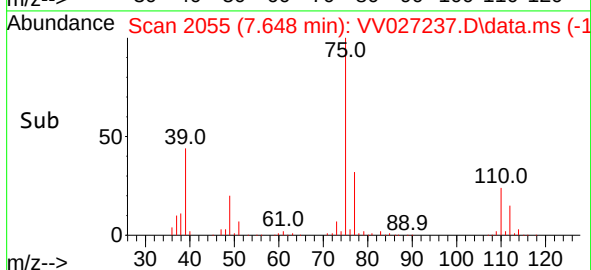
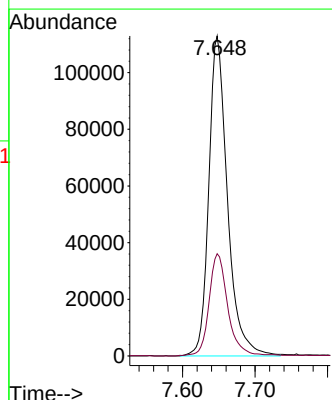
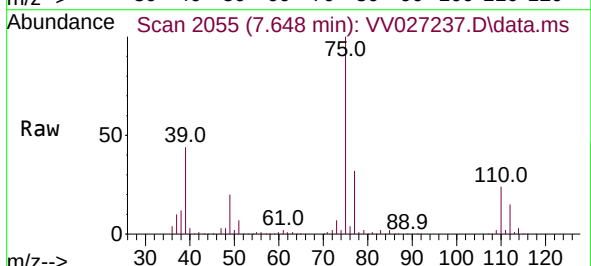
Acq: 05 Aug 2022 20:17

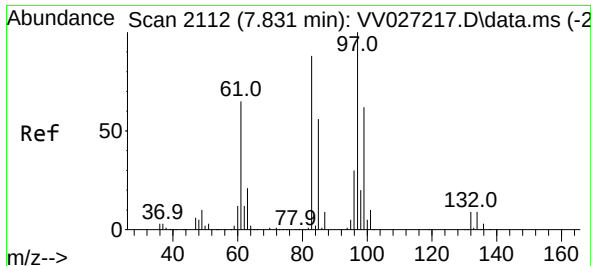
Tgt Ion: 75 Resp: 201901

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 53.250 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.006 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 151077

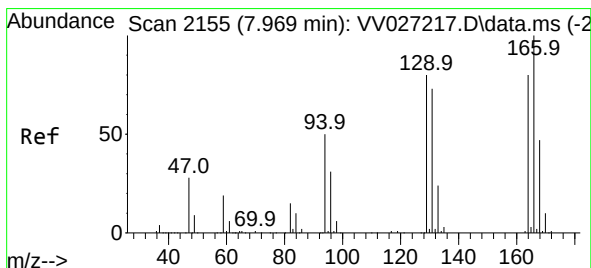
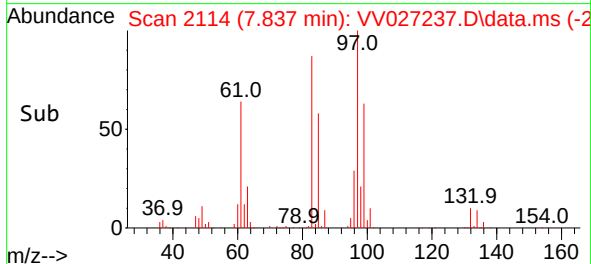
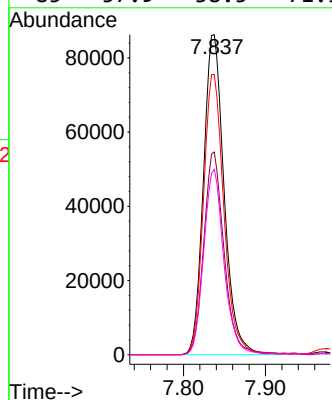
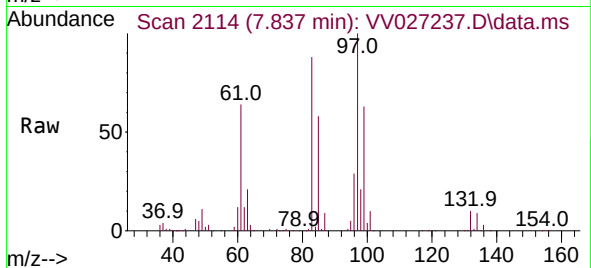
Ion Ratio Lower Upper

97 100

99 63.3 43.2 80.2

83 87.5 58.0 107.6

85 57.9 38.5 71.5



#46

Tetrachloroethene

Concen: 48.005 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

Tgt Ion:164 Resp: 94531

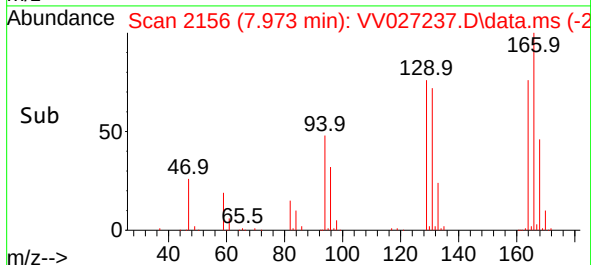
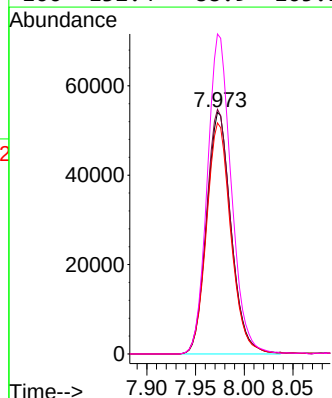
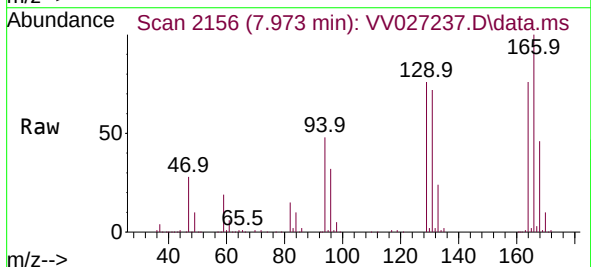
Ion Ratio Lower Upper

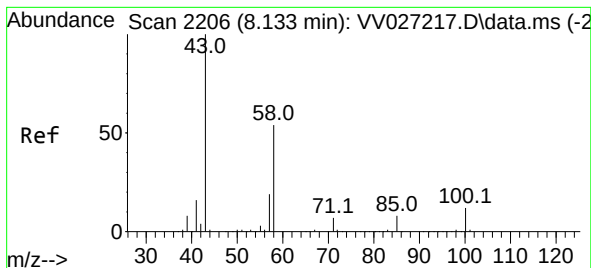
164 100

129 101.2 67.5 125.4

131 95.6 64.3 119.3

166 132.4 88.9 165.1





#48

2-Hexanone

Concen: 122.433 ug/L

RT: 8.136 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 409489

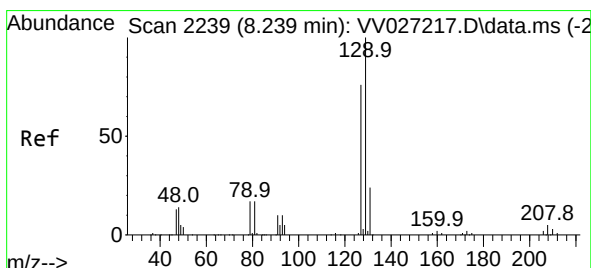
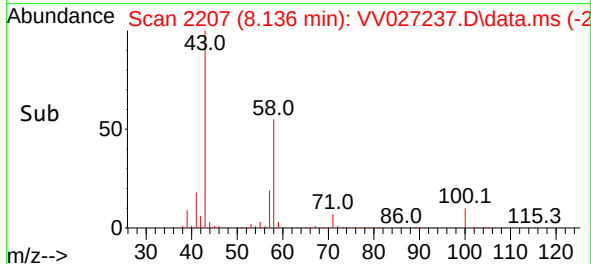
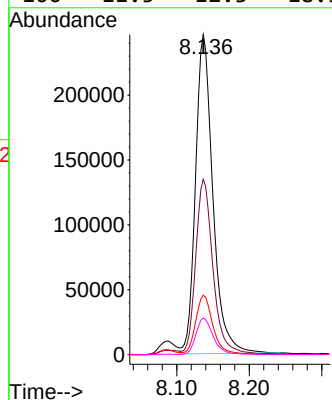
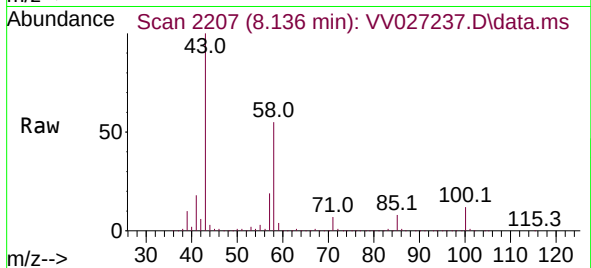
Ion Ratio Lower Upper

43 100

58 54.0 50.8 76.2

57 18.0 17.1 25.7

100 11.5 12.3 18.5#



#49

Dibromochloromethane

Concen: 52.683 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.003 min

Lab File: VV027237.D

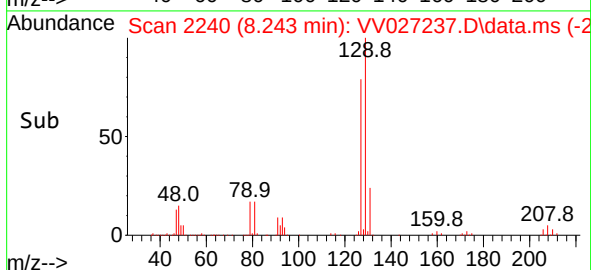
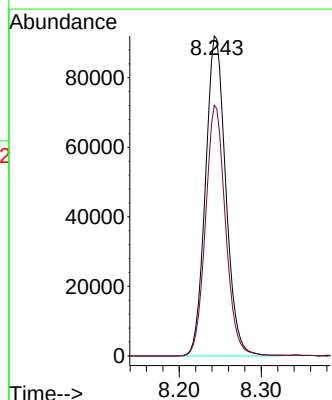
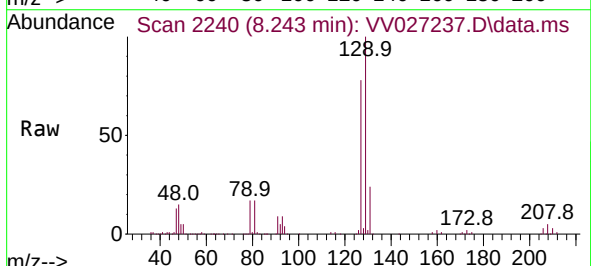
Acq: 05 Aug 2022 20:17

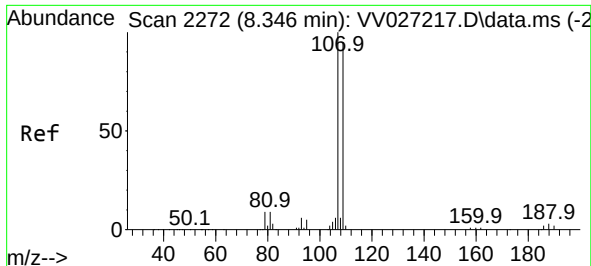
Tgt Ion:129 Resp: 158000

Ion Ratio Lower Upper

129 100

127 78.4 53.3 98.9





#50

1,2-Dibromoethane

Concen: 53.941 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

Instrument :

MSVOA_V

ClientSampleId :

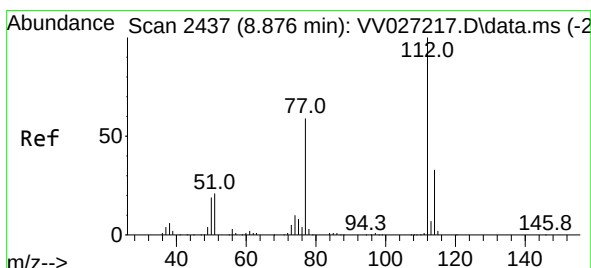
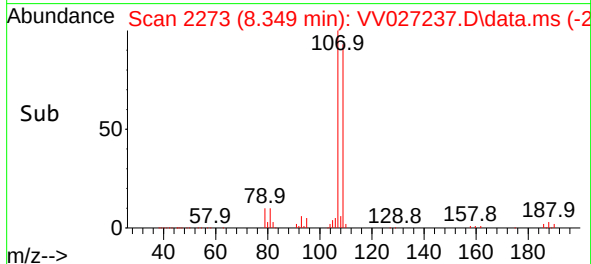
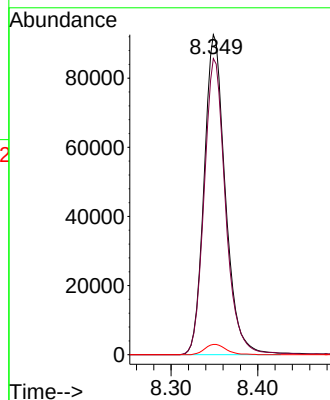
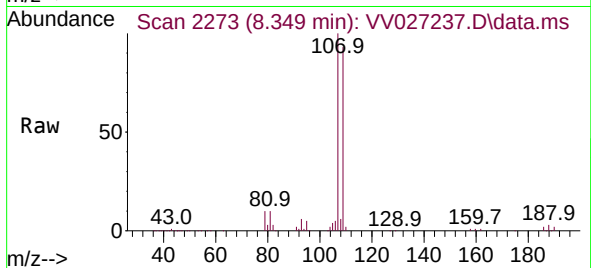
Tgt Ion:107 Resp: 157471

Ion Ratio Lower Upper

107 100

109 92.6 65.7 121.9

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 50.250 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

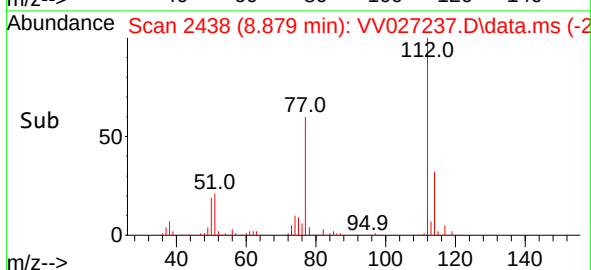
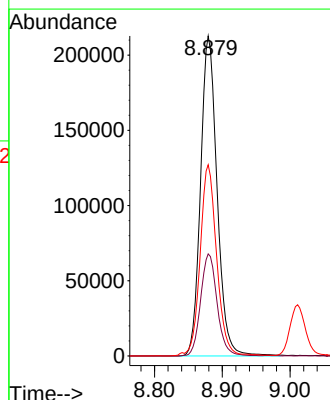
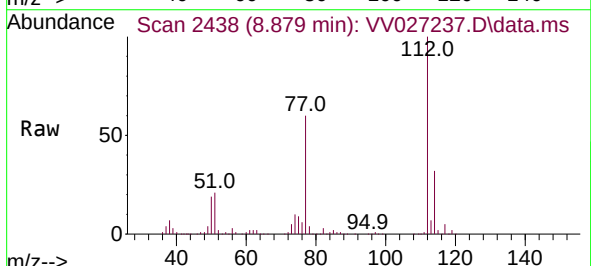
Tgt Ion:112 Resp: 360083

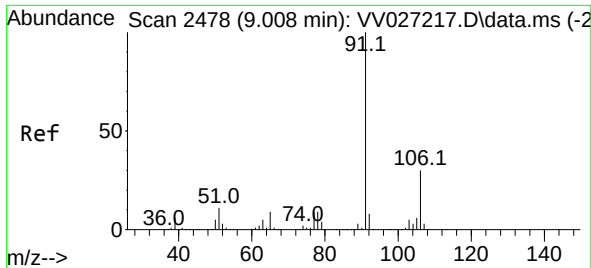
Ion Ratio Lower Upper

112 100

114 31.9 22.8 42.4

77 59.8 44.2 66.2

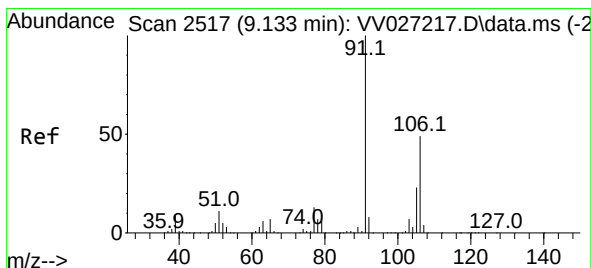
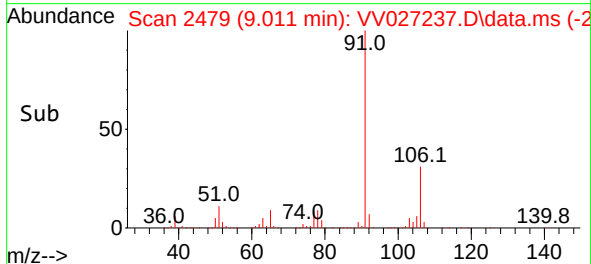
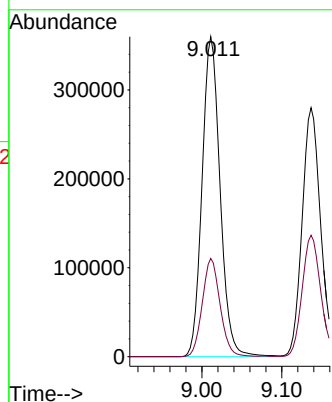
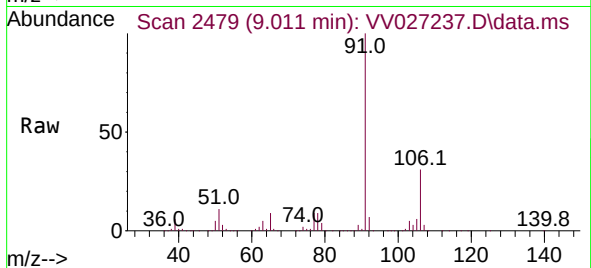




#52
Ethylbenzene
Concen: 51.255 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

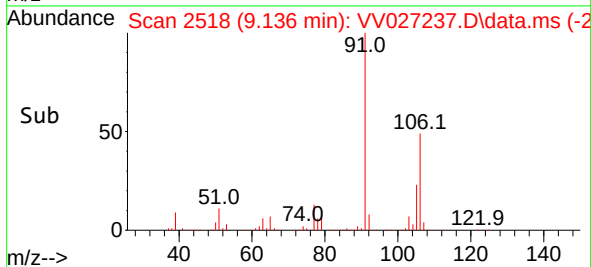
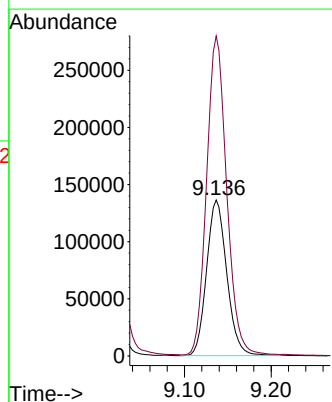
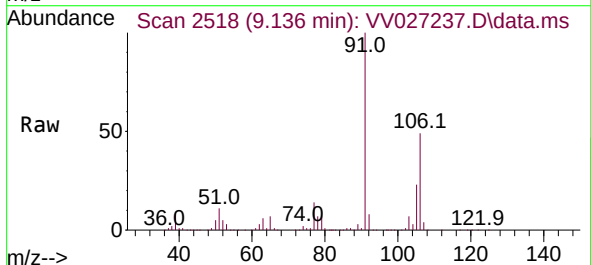
Instrument :
MSVOA_V
ClientSampleId :

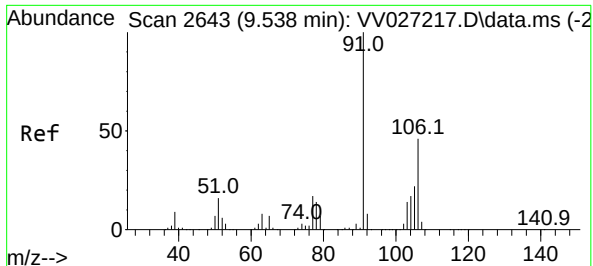
Tgt Ion: 91 Resp: 565019
Ion Ratio Lower Upper
91 100
106 30.7 21.8 40.6



#53
m,p-Xylene
Concen: 52.966 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

Tgt Ion: 106 Resp: 220666
Ion Ratio Lower Upper
106 100
91 205.2 137.5 255.3

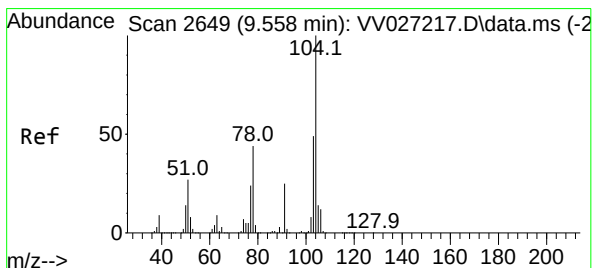
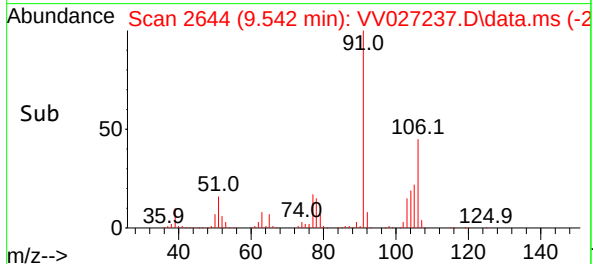
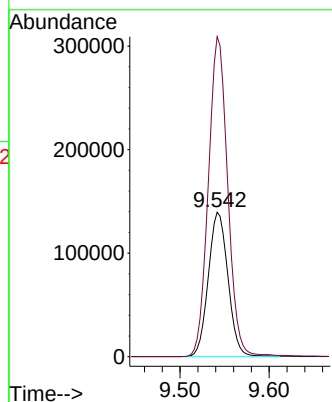
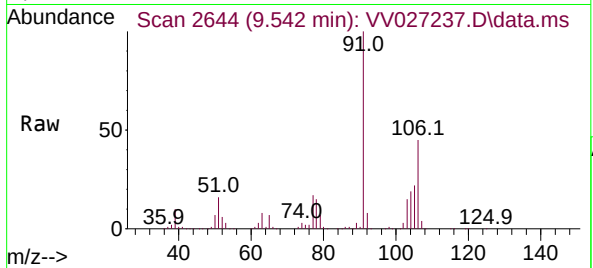




#54
o-Xylene
Concen: 52.738 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

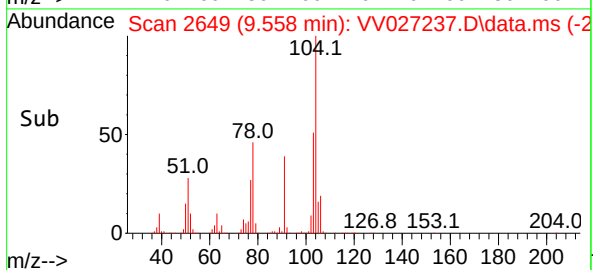
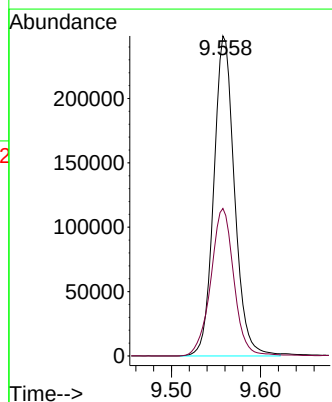
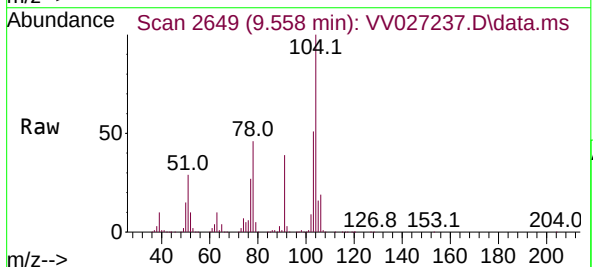
Instrument :
MSVOA_V
ClientSampleId :

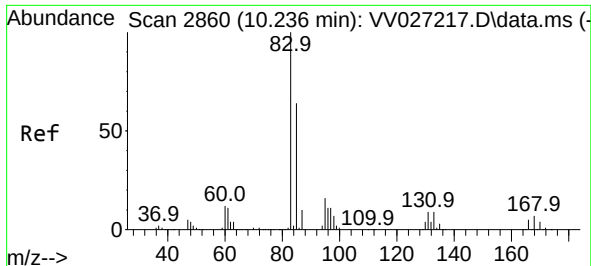
Tgt Ion:106 Resp: 214057
Ion Ratio Lower Upper
106 100
91 221.4 146.6 272.2



#55
Styrene
Concen: 56.272 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

Tgt Ion:104 Resp: 402348
Ion Ratio Lower Upper
104 100
78 46.1 29.6 55.0

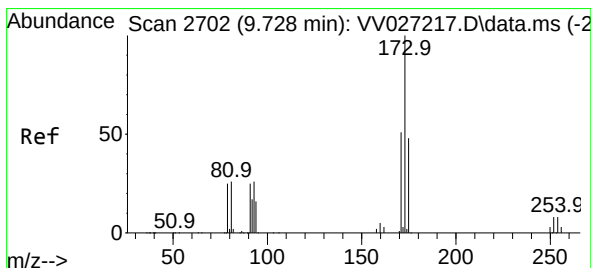
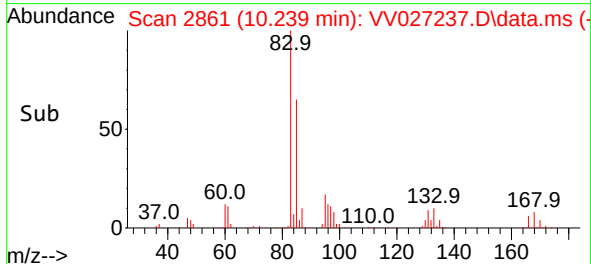
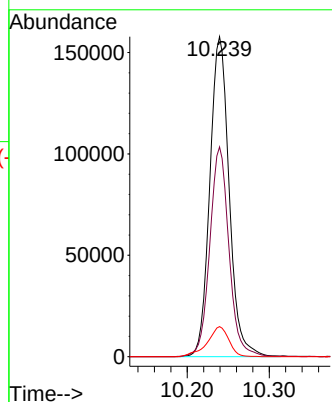
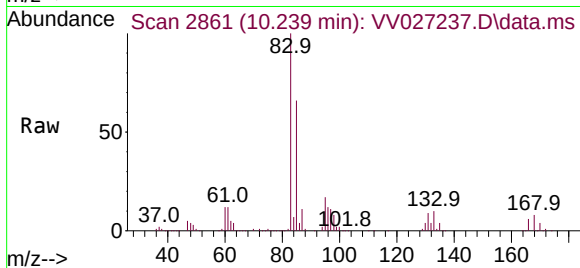




#57
1,1,2,2-Tetrachloroethane
Concen: 54.271 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

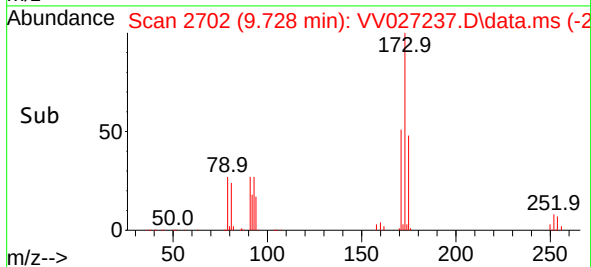
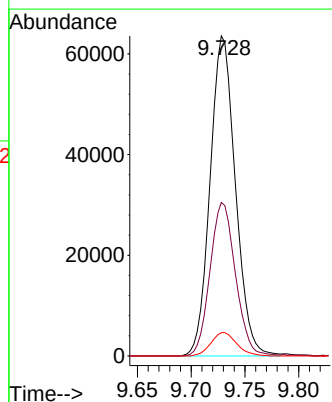
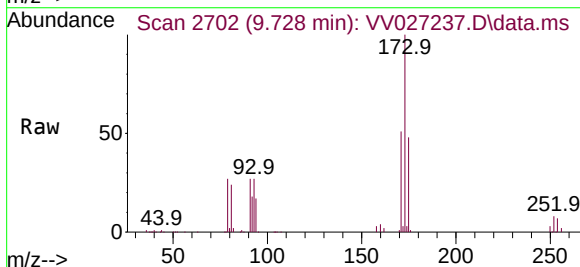
Instrument :
MSVOA_V
ClientSampleId :

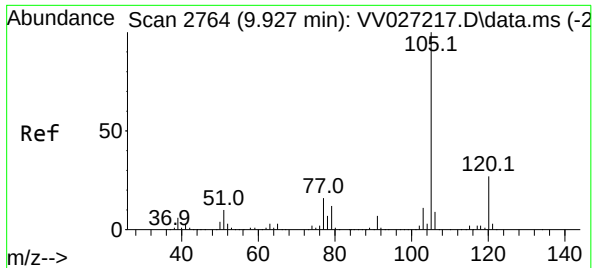
Tgt Ion: 83 Resp: 257948
Ion Ratio Lower Upper
83 100
85 65.5 45.2 84.0
131 9.4 8.1 12.1



#59
Bromoform
Concen: 49.147 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

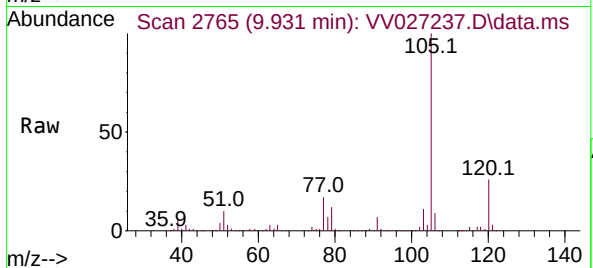
Tgt Ion: 173 Resp: 104269
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.4
254 7.4 6.9 10.3



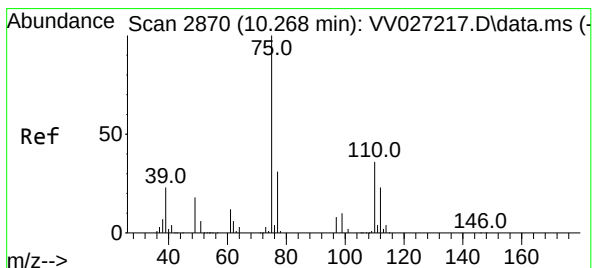
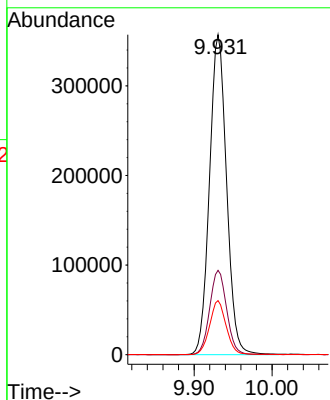
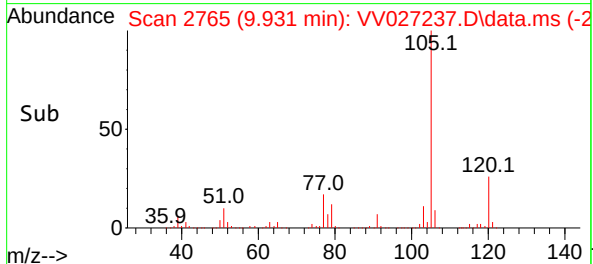


#60
Isopropylbenzene
Concen: 48.312 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

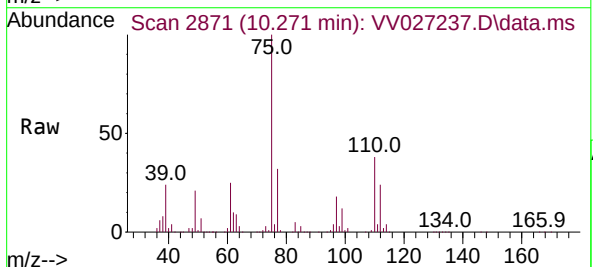
Instrument :
MSVOA_V
ClientSampleId :



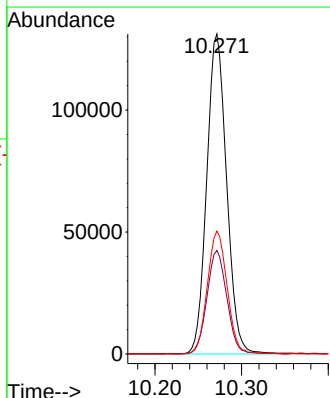
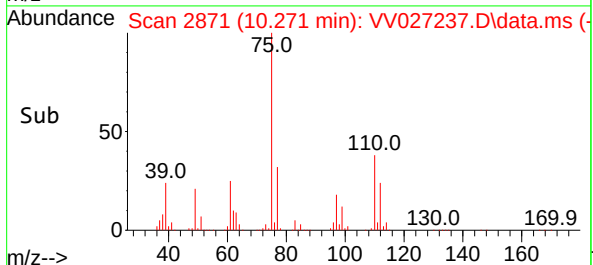
Tgt Ion:105 Resp: 543664
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.0
77 16.4 11.8 17.6

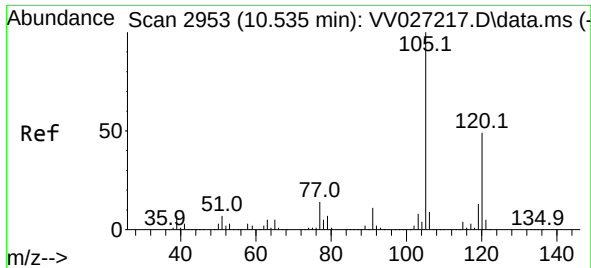


#61
1,2,3-Trichloropropane
Concen: 50.938 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17



Tgt Ion: 75 Resp: 208821
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 38.3 32.7 49.1

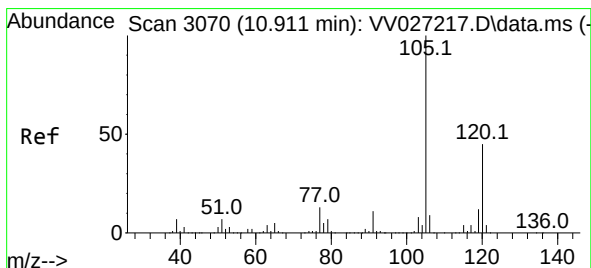
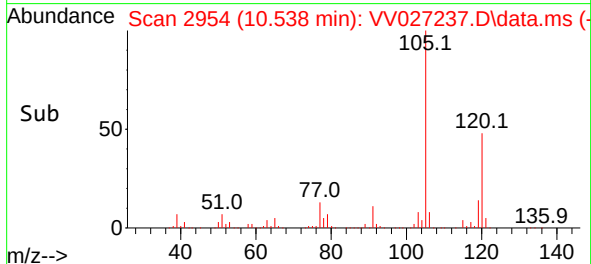
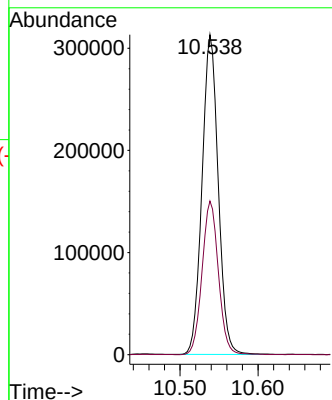
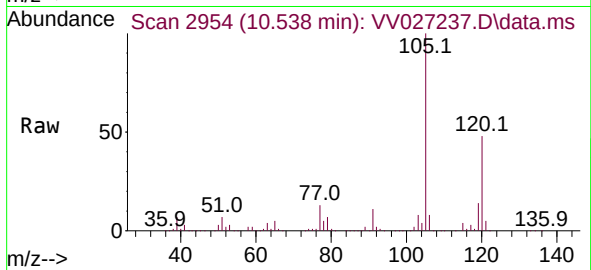




#62
 1,3,5-Trimethylbenzene
 Concen: 48.567 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV027237.D
 Acq: 05 Aug 2022 20:17

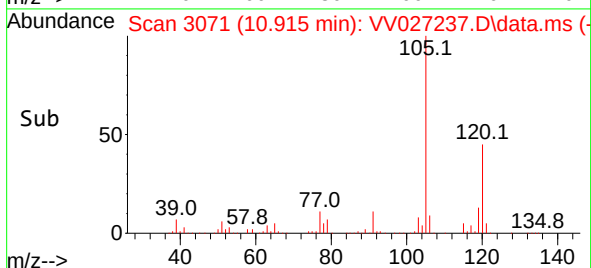
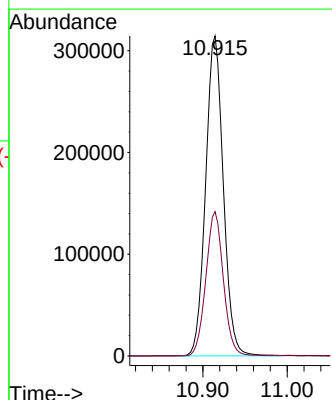
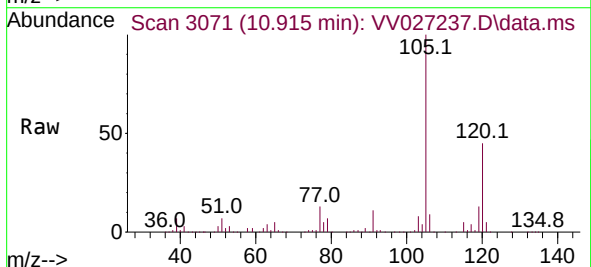
Instrument :
 MSVOA_V
 ClientSampleId :

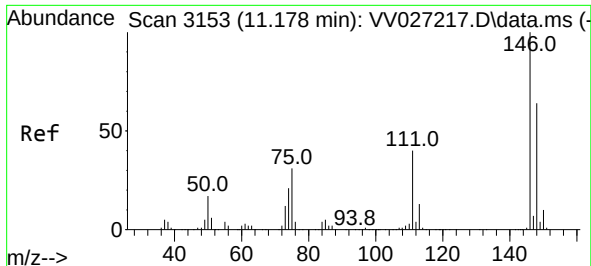
Tgt Ion:105 Resp: 451342
 Ion Ratio Lower Upper
 105 100
 120 48.5 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 50.516 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027237.D
 Acq: 05 Aug 2022 20:17

Tgt Ion:105 Resp: 459899
 Ion Ratio Lower Upper
 105 100
 120 44.7 37.0 55.6

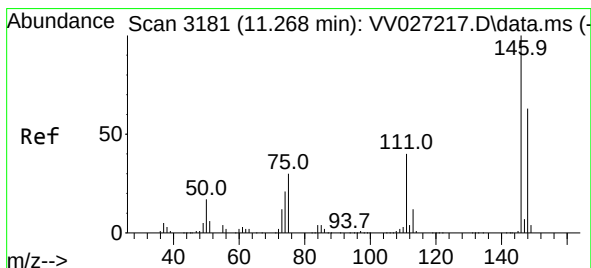
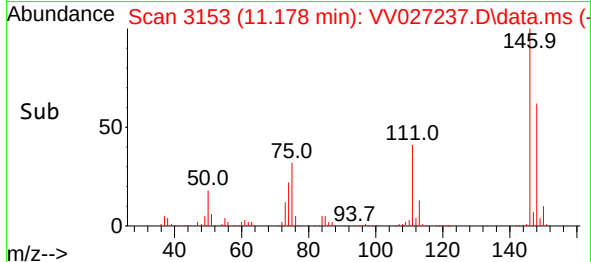
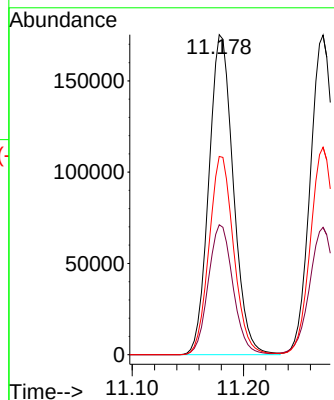
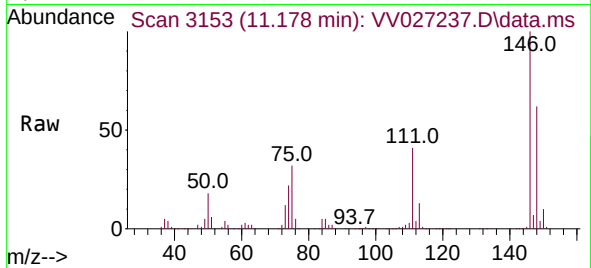




#64
1,3-Dichlorobenzene
Concen: 49.163 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

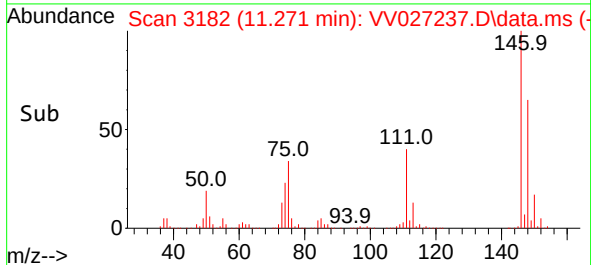
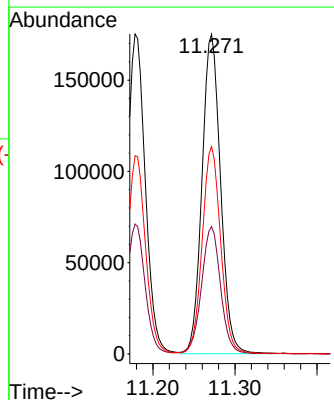
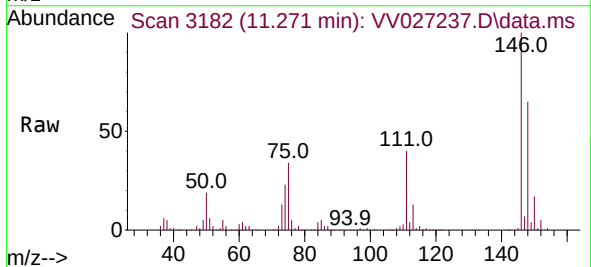
Instrument :
MSVOA_V
ClientSampleId :

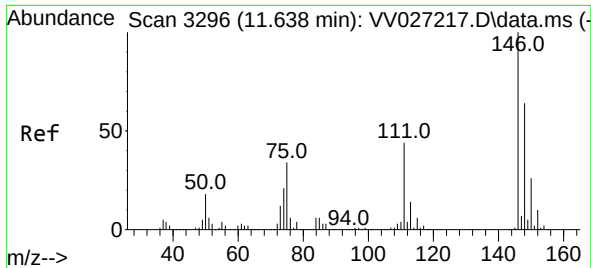
Tgt Ion:146 Resp: 268138
Ion Ratio Lower Upper
146 100
111 40.6 28.4 52.8
148 62.0 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 47.895 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027237.D
Acq: 05 Aug 2022 20:17

Tgt Ion:146 Resp: 274909
Ion Ratio Lower Upper
146 100
111 39.8 27.4 51.0
148 64.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 49.255 ug/L

RT: 11.641 min Scan# 3296

Delta R.T. 0.003 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

Instrument :

MSVOA_V

ClientSampleId :

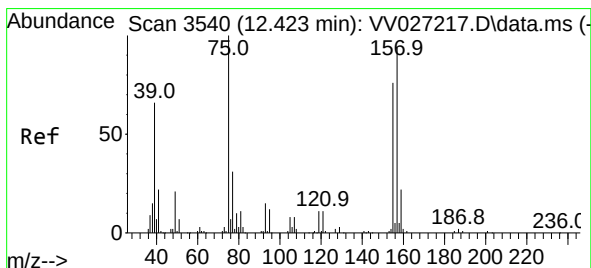
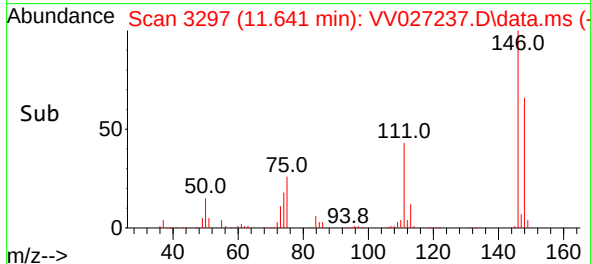
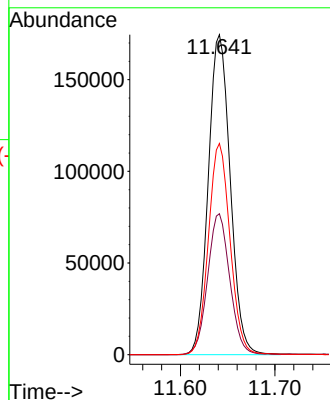
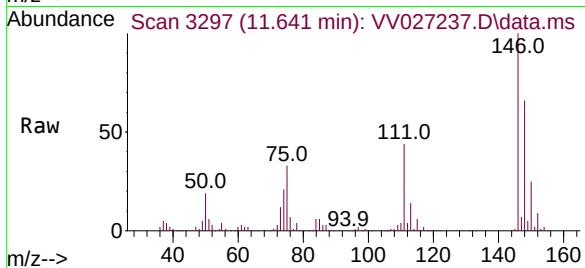
Tgt Ion:146 Resp: 281475

Ion Ratio Lower Upper

146 100

111 44.1 34.0 51.0

148 66.0 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 49.696 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.003 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

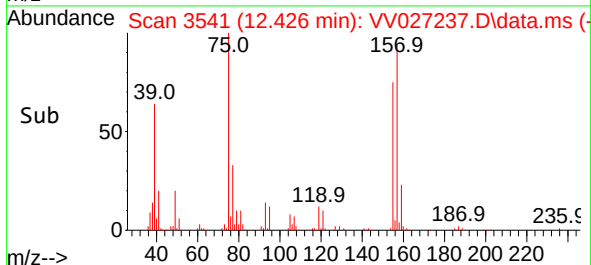
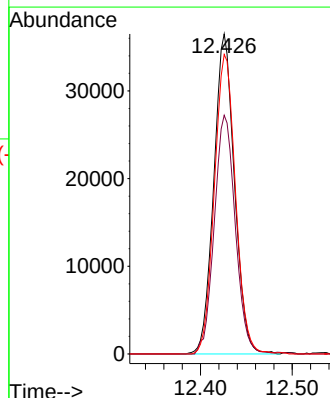
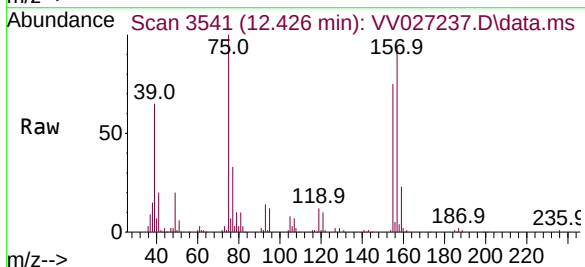
Tgt Ion: 75 Resp: 57156

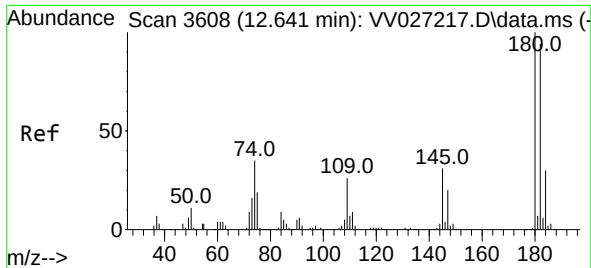
Ion Ratio Lower Upper

75 100

155 74.6 69.1 103.7

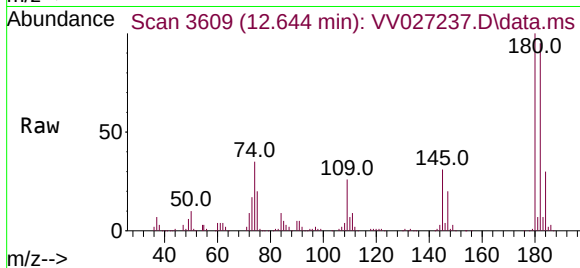
157 93.6 87.8 131.8



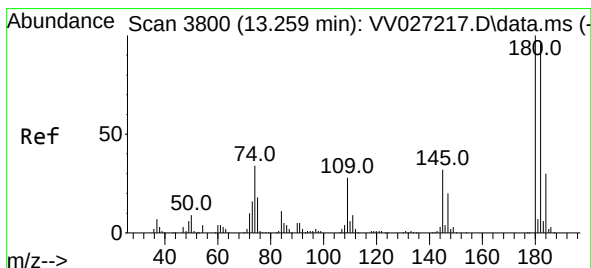
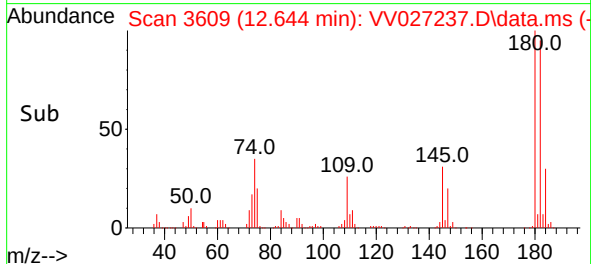
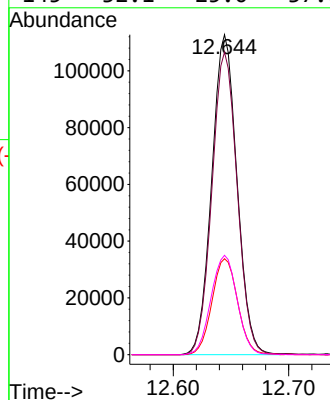


#69
 1,3,5-Trichlorobenzene
 Concen: 46.716 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV027237.D
 Acq: 05 Aug 2022 20:17

Instrument :
 MSVOA_V
 ClientSampleId :

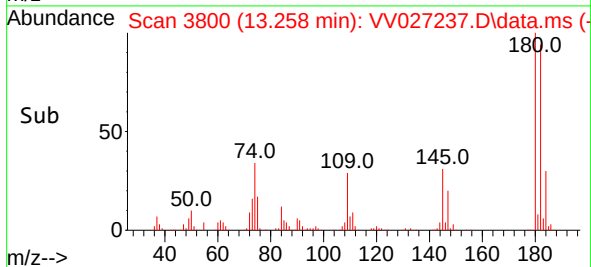
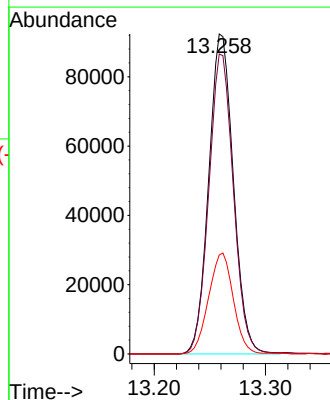
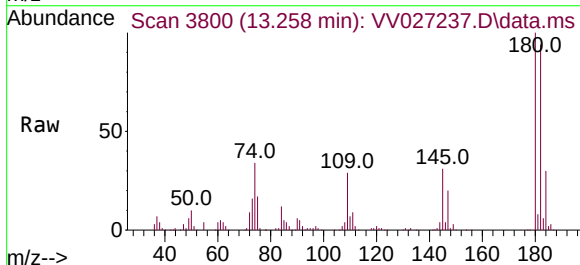


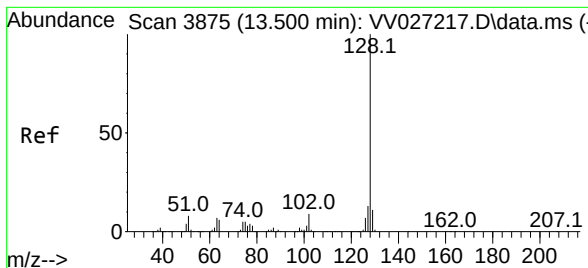
Tgt Ion:180 Resp: 171129
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.2 114.4
 184 30.5 24.8 37.2
 145 32.1 25.0 37.6



#70
 1,2,4-trichlorobenzene
 Concen: 46.657 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027237.D
 Acq: 05 Aug 2022 20:17

Tgt Ion:180 Resp: 141953
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.9 113.9
 145 31.8 24.7 37.1





#71

Naphthalene

Concen: 49.187 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

Instrument :

MSVOA_V

ClientSampleId :

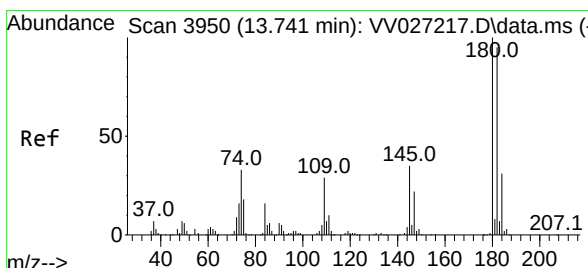
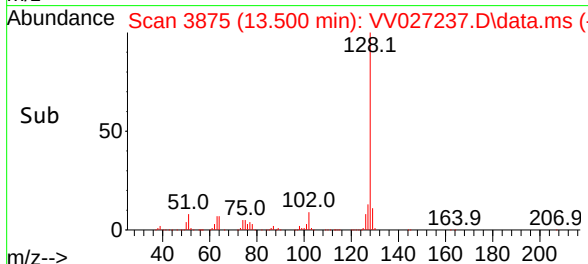
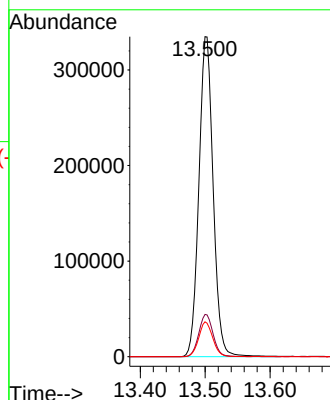
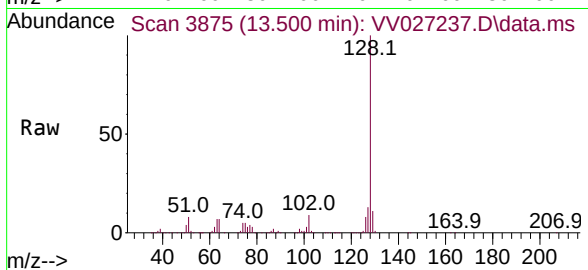
Tgt Ion:128 Resp: 512434

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 49.534 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027237.D

Acq: 05 Aug 2022 20:17

Tgt Ion:180 Resp: 167045

Ion Ratio Lower Upper

180 100

182 95.3 76.3 114.5

145 34.2 27.4 41.0

