

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035605.D
 Acq On : 14 May 2024 11:54
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 15 02:36:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:29:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	260740	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	263725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	139965	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	72821	4.403	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.532	69	66600	4.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.056	65	31347	4.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	3.815	46	189387	49.136	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.280%
24) Chloroform-d	4.246	84	159720	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	4.940	65	73729	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	4.956	84	293051	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	5.985	67	92773	4.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.239	98	267381	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.554	79	35004	5.253	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.000%
46) 2-Hexanone-d5	8.024	63	156507	51.917	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.840%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	70420	4.538	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.557	152	103410	4.777	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	96748	4.631	ug/L	100
3) Chloromethane	1.214	50	104123	4.417	ug/L	98
5) Vinyl chloride	1.281	62	107449	4.539	ug/L	99
6) Bromomethane	1.487	94	72176	4.515	ug/L	99
8) Chloroethane	1.548	64	68998	4.507	ug/L	100
9) Trichlorofluoromethane	1.712	101	139636	4.565	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	88890	4.623	ug/L	100
12) 1,1-Dichloroethene	2.066	96	82882	4.514	ug/L	98
13) Acetone	2.153	43	140823	46.021	ug/L	96
14) Carbon disulfide	2.236	76	239287	4.684	ug/L	100
15) Methyl Acetate	2.387	43	31531	4.490	ug/L	100
16) Methylene chloride	2.445	84	116333	4.499	ug/L	99
17) Methyl tert-butyl Ether	2.703	73	205963	4.860	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	88900	4.663	ug/L	97
19) 1,1-Dichloroethane	3.108	63	174823	4.603	ug/L	99
21) 2-Butanone	3.895	43	199200	48.374	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	97042	4.834	ug/L	98
23) Bromochloromethane	4.143	128	46024	4.716	ug/L	97
25) Chloroform	4.272	83	182885	4.604	ug/L	100

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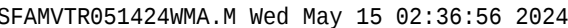
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 MSVOA_V
 ClientSampleId :

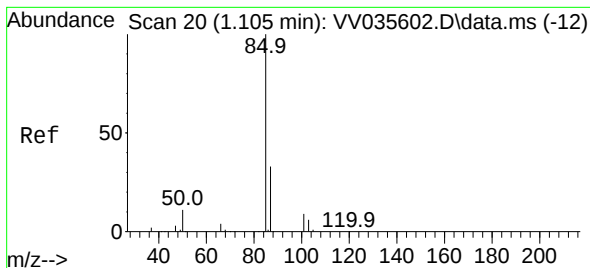
Quant Time: May 15 02:36:44 2024
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	98353	4.461	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	151763	4.752	ug/L	99
30) Cyclohexane	4.577	56	118650	5.142	ug/L	99
31) Carbon tetrachloride	4.731	117	131961	4.747	ug/L	99
33) Benzene	5.005	78	366135	5.047	ug/L	100
34) Trichloroethene	5.831	95	103440	4.972	ug/L	97
35) Methylcyclohexane	6.046	83	138261	5.136	ug/L	97
37) 1,2-Dichloropropane	6.091	63	93508	4.807	ug/L	99
38) Bromodichloromethane	6.429	83	123654	4.710	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	132785	5.111	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	487345	52.719	ug/L	99
42) Toluene	7.313	91	398533	5.270	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	113180	5.167	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	72340	4.748	ug/L	97
47) Tetrachloroethene	7.902	164	80824	4.923	ug/L	99
48) 2-Hexanone	8.075	43	358793	52.785	ug/L	99
49) Dibromochloromethane	8.175	129	81378	4.831	ug/L	100
50) 1,2-Dibromoethane	8.281	107	67991	4.800	ug/L	99
51) Chlorobenzene	8.812	112	262099	4.989	ug/L	99
52) Ethylbenzene	8.943	91	408661	5.176	ug/L	100
53) m,p-Xylene	9.069	106	155885	5.183	ug/L	98
54) o-Xylene	9.474	106	147526	5.183	ug/L	95
55) Styrene	9.493	104	271293	5.472	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	73305	4.501	ug/L	98
59) Bromoform	9.664	173	47006	4.668	ug/L	99
60) Isopropylbenzene	9.863	105	409295	5.157	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	61266	4.694	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	317026	5.077	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	323014	5.227	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	217191	5.082	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	217835	4.955	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	200439	4.911	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	13681	4.918	ug/L	91
69) 1,3,5-Trichlorobenzene	12.580	180	166008	5.136	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	138229	5.389	ug/L	100
71) Naphthalene	13.438	128	231546	6.279	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	134368	5.664	ug/L	99

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

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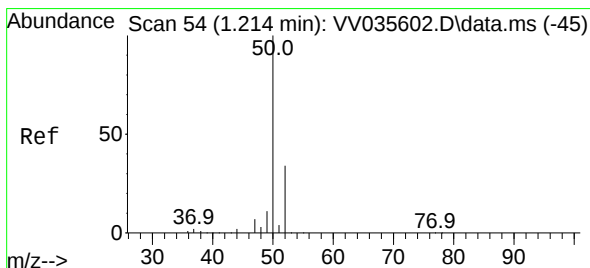
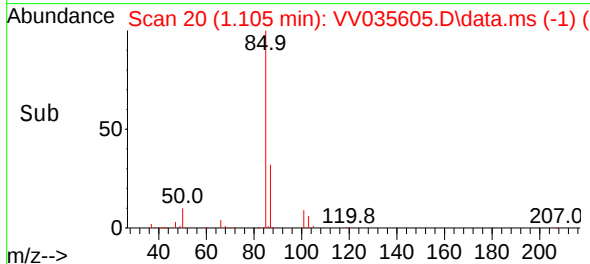
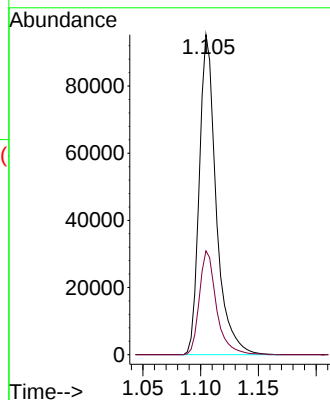
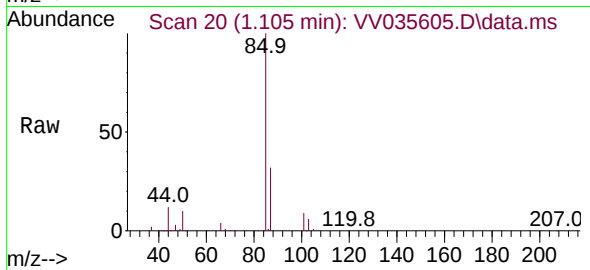




#2
 Dichlorodifluoromethane
 Concen: 4.631 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV035605.D
 Acq: 14 May 2024 11:54

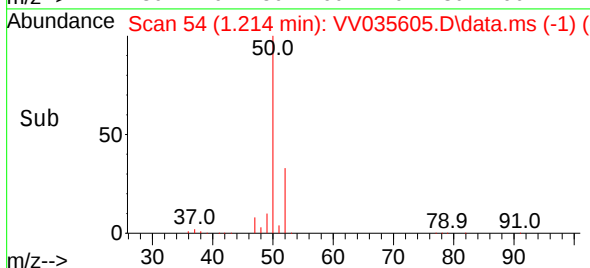
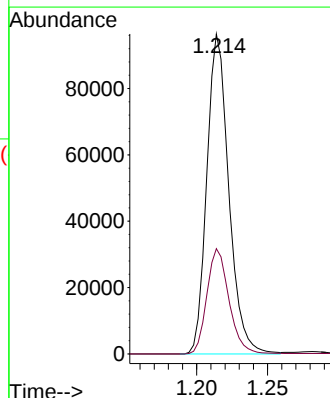
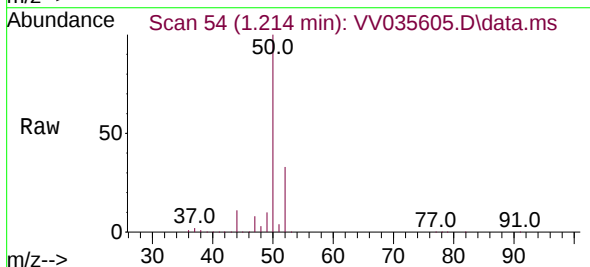
Instrument :
 MSVOA_V
 ClientSampleId :

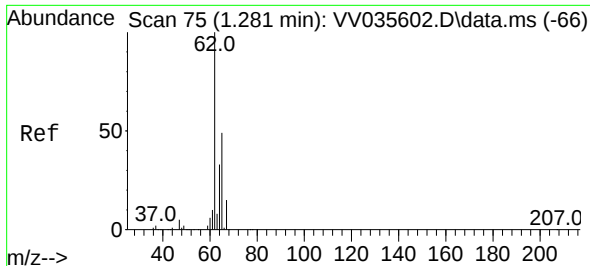
Tgt Ion: 85 Resp: 96748
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.4 39.6



#3
 Chloromethane
 Concen: 4.417 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV035605.D
 Acq: 14 May 2024 11:54

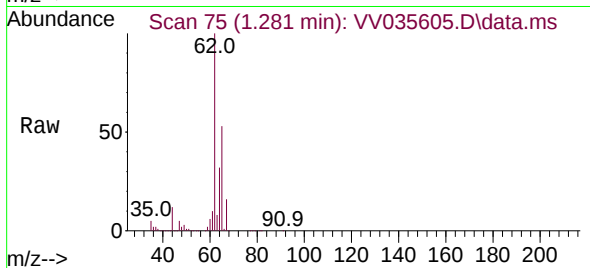
Tgt Ion: 50 Resp: 104123
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 43.9



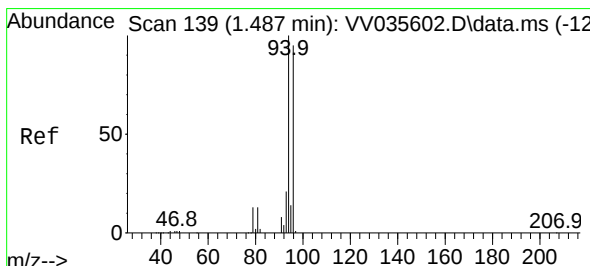
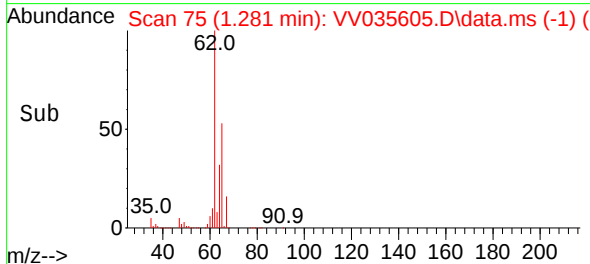
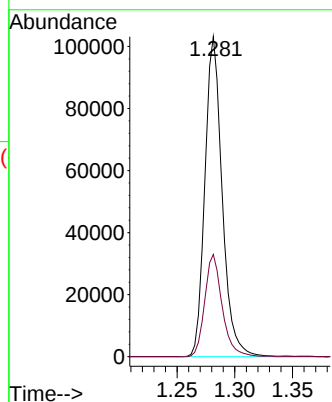


#5
 Vinyl chloride
 Concen: 4.539 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV035605.D
 Acq: 14 May 2024 11:54

Instrument :
 MSVOA_V
 ClientSampleId :

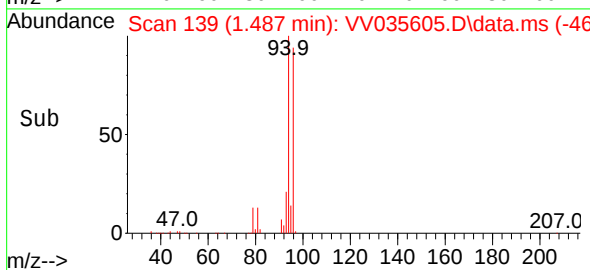
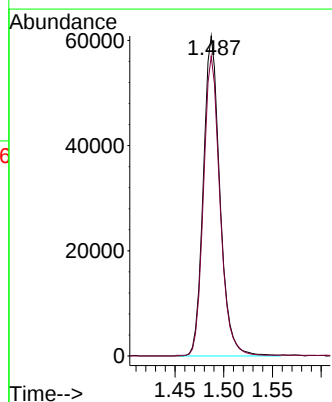
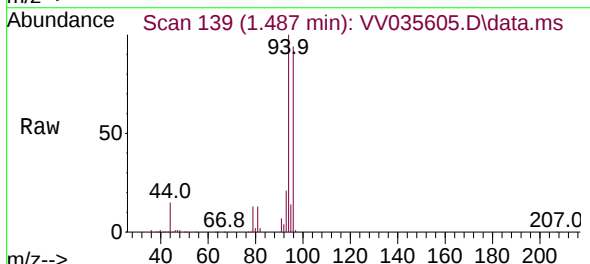


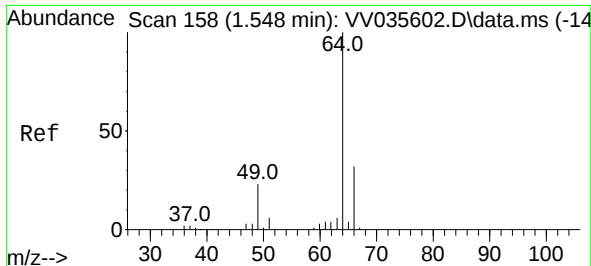
Tgt Ion: 62 Resp: 107449
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.9 42.5



#6
 Bromomethane
 Concen: 4.515 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV035605.D
 Acq: 14 May 2024 11:54

Tgt Ion: 94 Resp: 72176
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.4 123.4

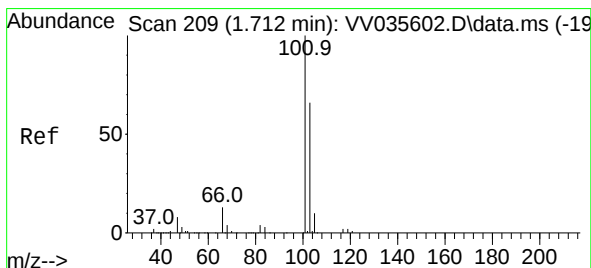
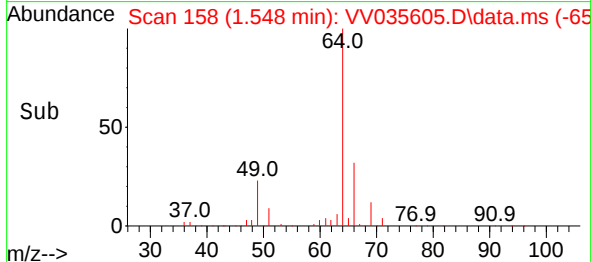
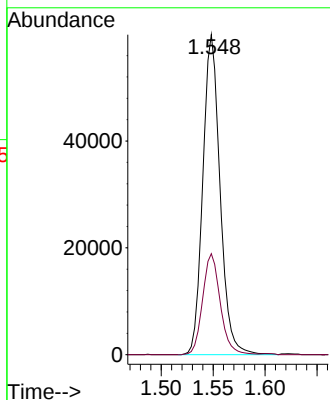
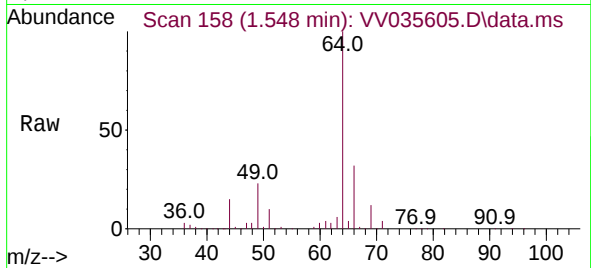




#8
Chloroethane
Concen: 4.507 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

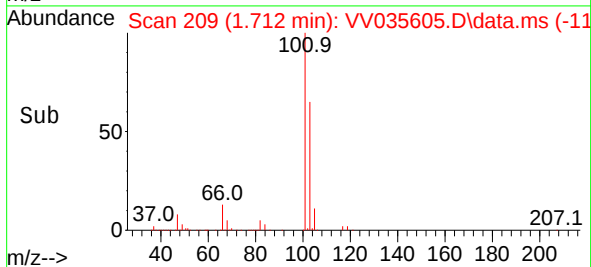
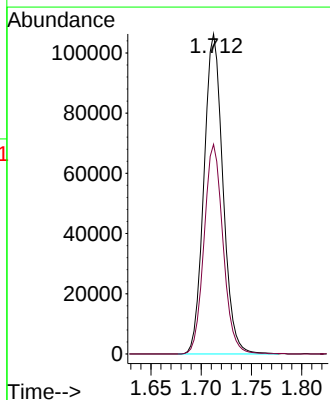
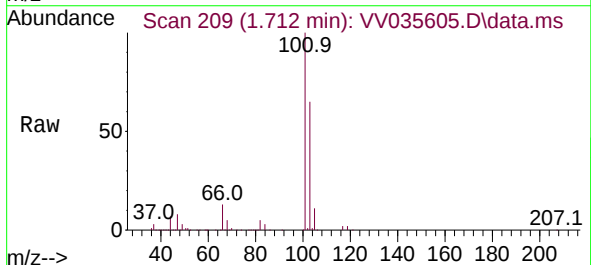
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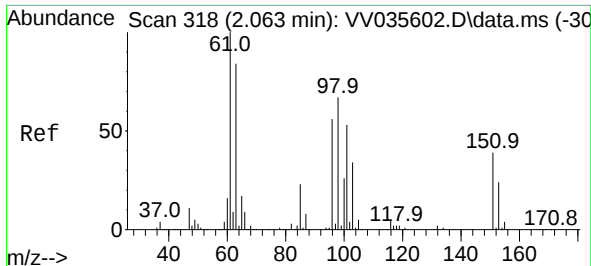
Tgt Ion: 64 Resp: 68998
Ion Ratio Lower Upper
64 100
66 31.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.565 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

Tgt Ion:101 Resp: 139636
Ion Ratio Lower Upper
101 100
103 65.4 52.8 79.2





#10

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

Concen: 4.623 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

ClientSampleId :

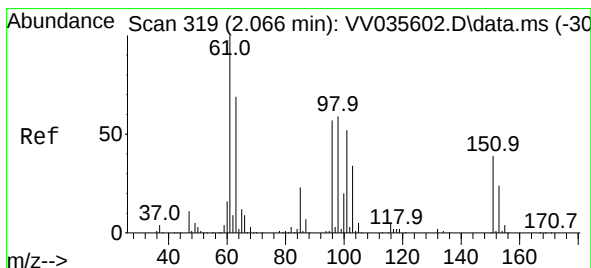
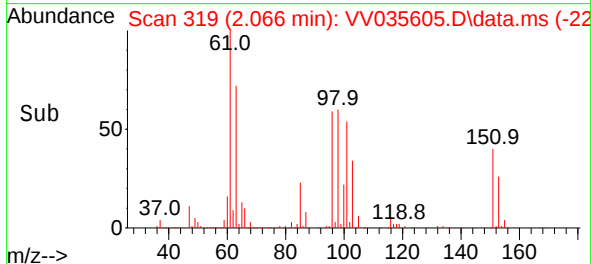
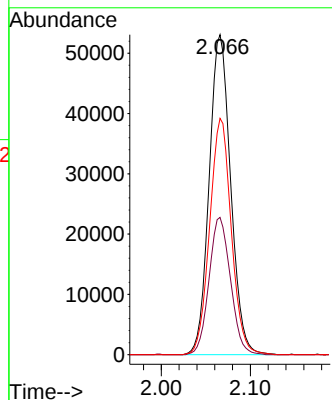
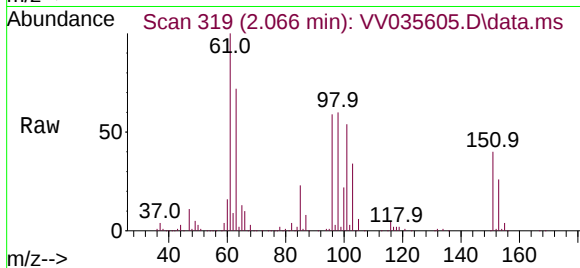
Tgt Ion:101 Resp: 88890

Ion Ratio Lower Upper

101 100

85 42.8 34.6 51.8

151 74.4 59.3 88.9



#12

1,1-Dichloroethene

Concen: 4.514 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

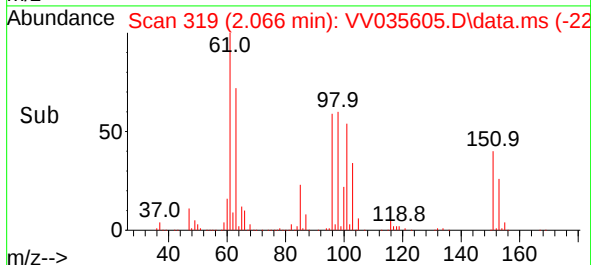
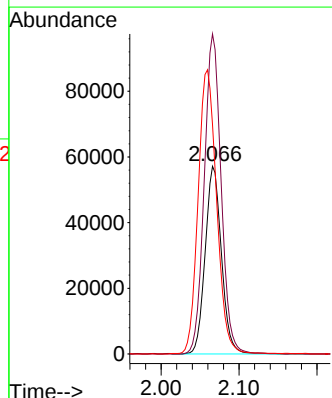
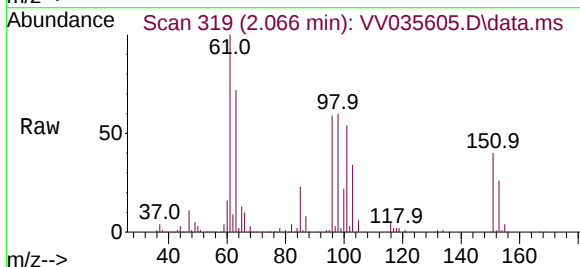
Tgt Ion: 96 Resp: 82882

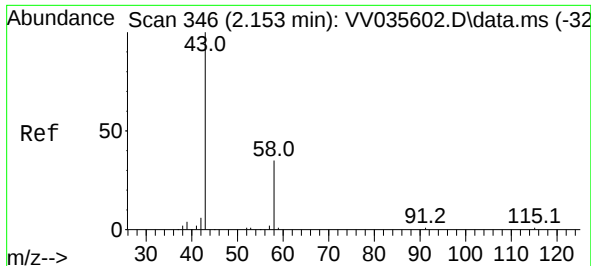
Ion Ratio Lower Upper

96 100

61 170.5 122.8 228.1

63 122.2 85.1 158.1





#13

Acetone

Concen: 46.021 ug/L

RT: 2.153 min Scan# 346

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

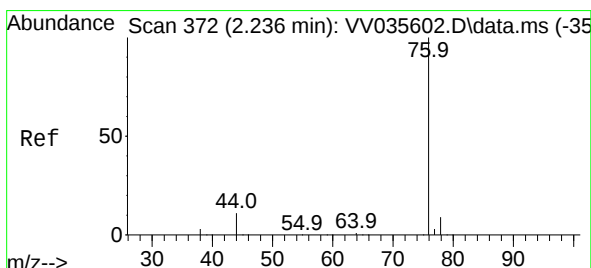
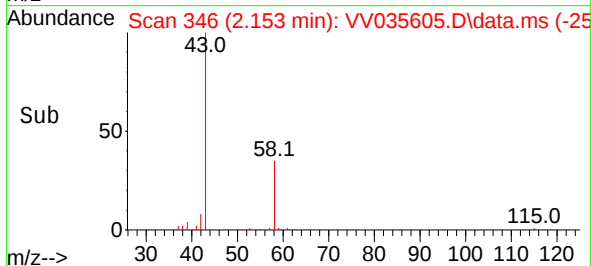
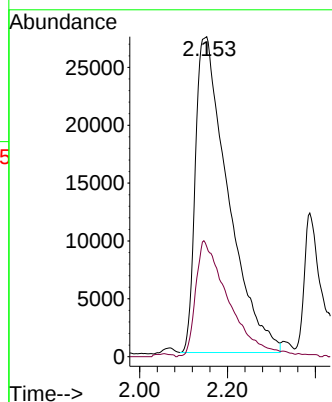
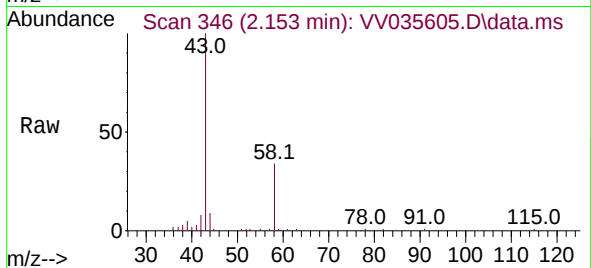
ClientSampleId :

Tgt Ion: 43 Resp: 140823

Ion Ratio Lower Upper

43 100

58 36.7 0.0 69.2



#14

Carbon disulfide

Concen: 4.684 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV035605.D

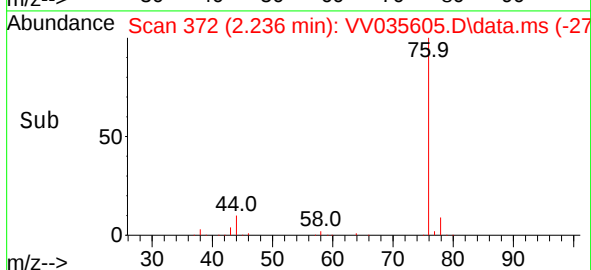
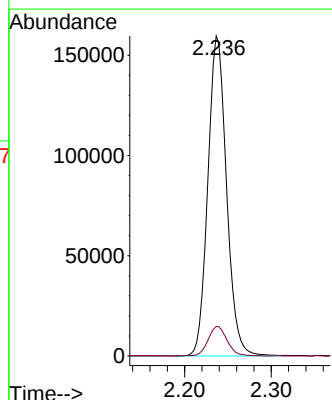
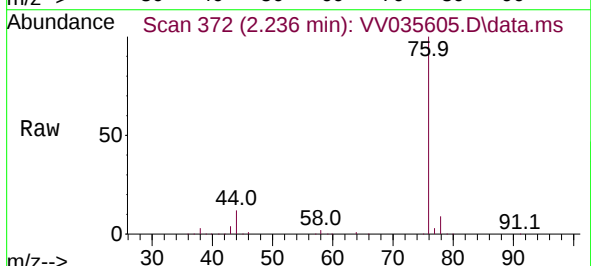
Acq: 14 May 2024 11:54

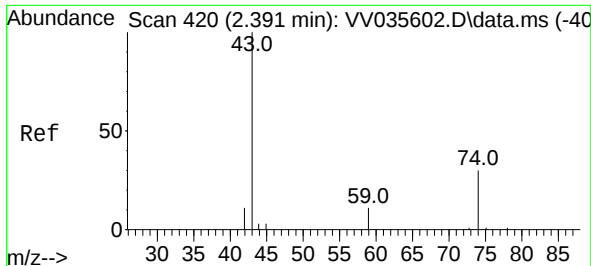
Tgt Ion: 76 Resp: 239287

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#15

Methyl Acetate

Concen: 4.490 ug/L

RT: 2.387 min Scan# 419

Delta R.T. -0.003 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

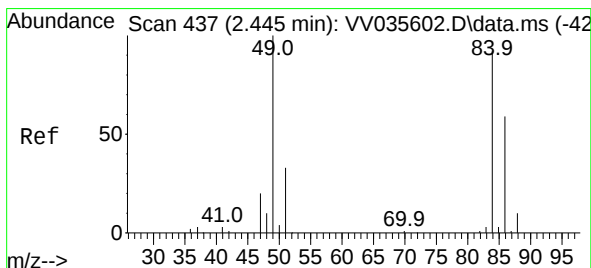
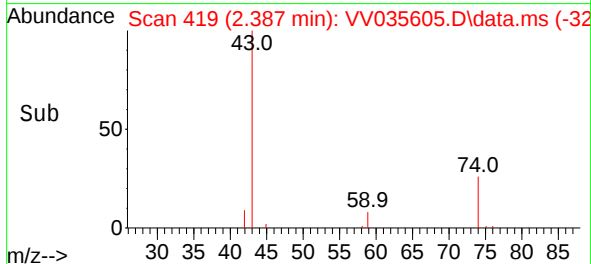
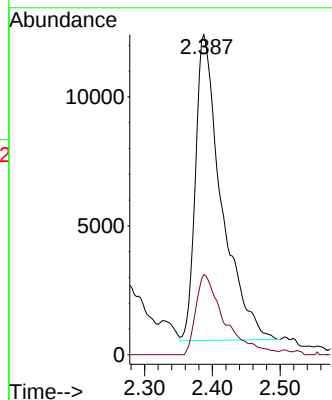
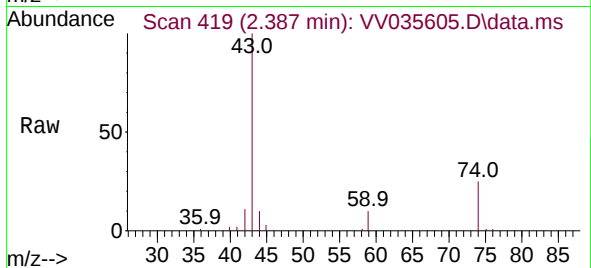
ClientSampleId :

Tgt Ion: 43 Resp: 31531

Ion Ratio Lower Upper

43 100

74 28.9 23.2 34.8



#16

Methylene chloride

Concen: 4.499 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

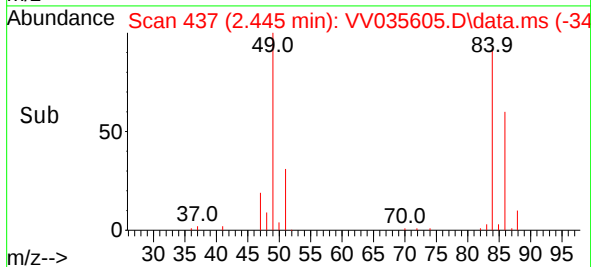
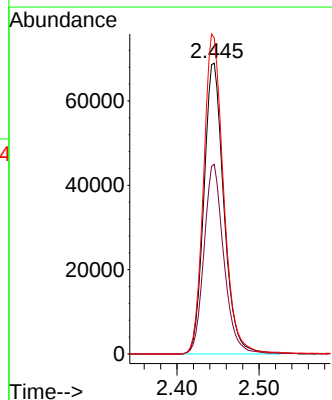
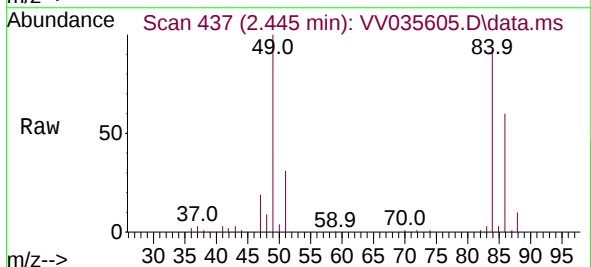
Tgt Ion: 84 Resp: 116333

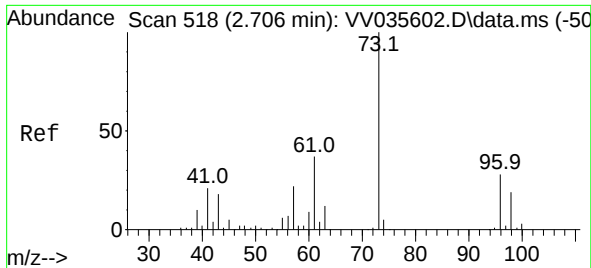
Ion Ratio Lower Upper

84 100

86 65.2 44.9 83.5

49 108.7 75.8 140.8

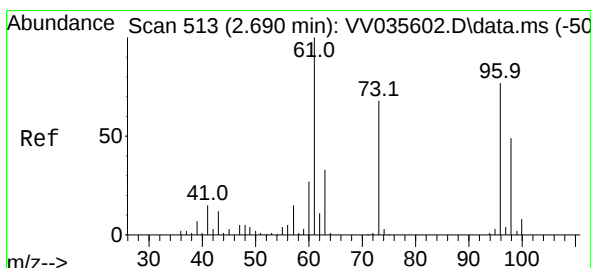
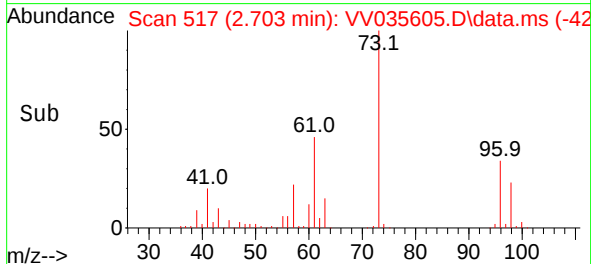
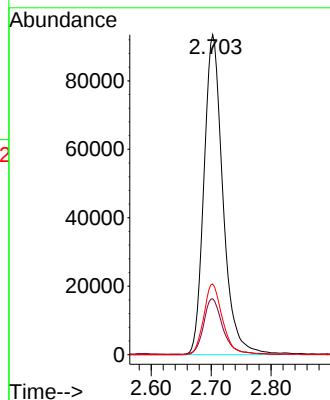
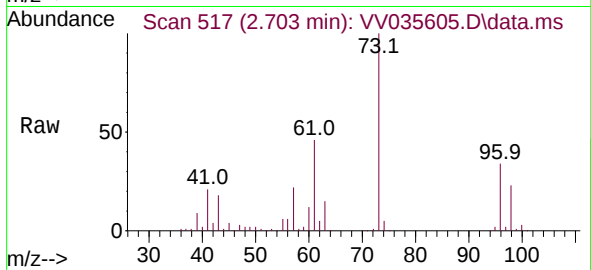




#17
Methyl tert-butyl Ether
Concen: 4.860 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

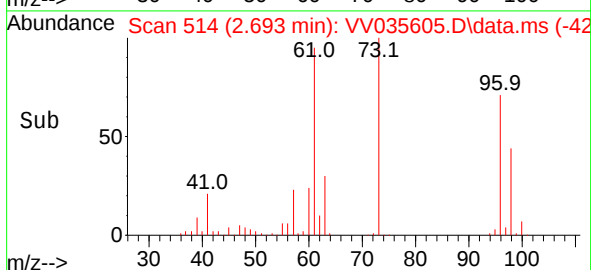
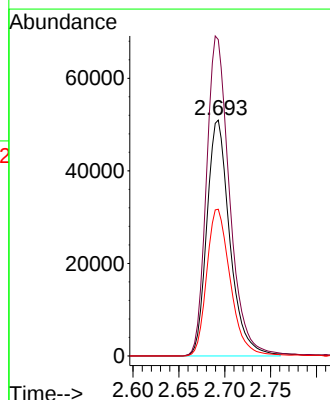
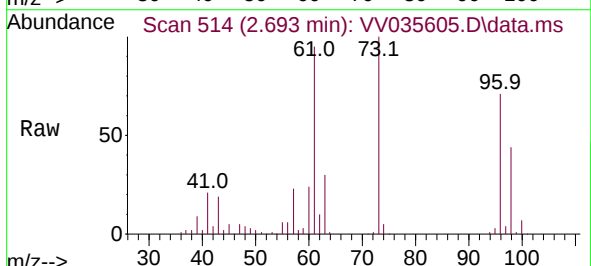
Instrument :
MSVOA_V
ClientSampleId :

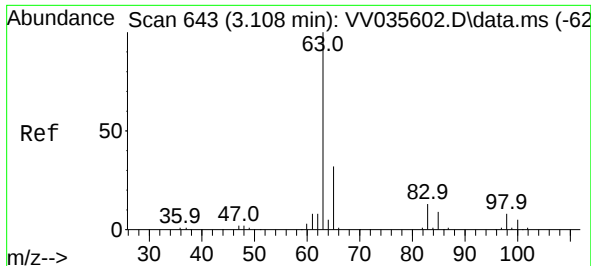
Tgt Ion: 73 Resp: 205963
Ion Ratio Lower Upper
73 100
43 17.4 13.8 20.8
57 22.0 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 4.663 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

Tgt Ion: 96 Resp: 88900
Ion Ratio Lower Upper
96 100
61 134.2 91.1 169.3
98 62.3 44.7 83.1

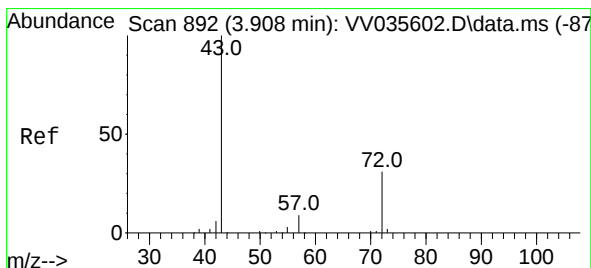
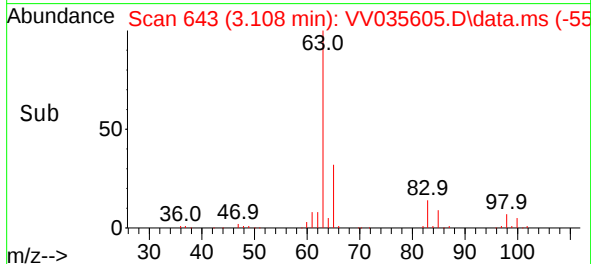
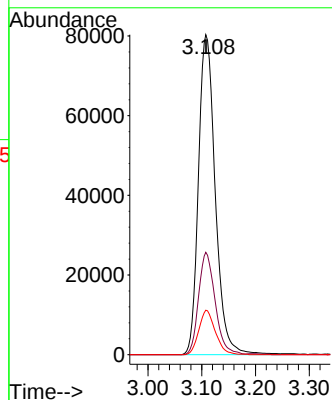
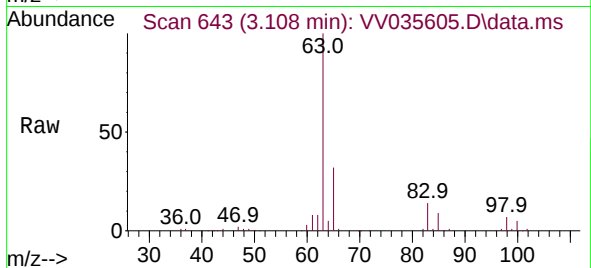




#19
1,1-Dichloroethane
Concen: 4.603 ug/L
RT: 3.108 min Scan# 643
Delta R.T. -0.000 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

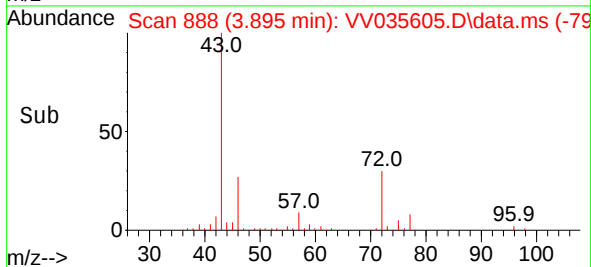
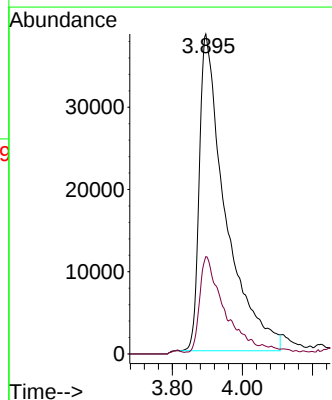
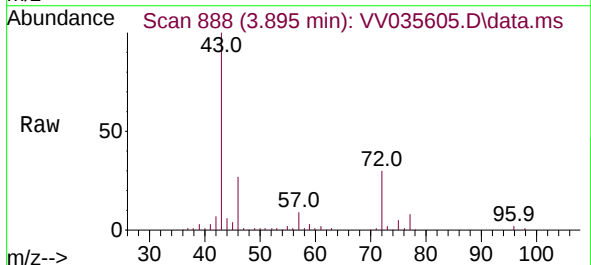
Instrument :
MSVOA_V
ClientSampleId :

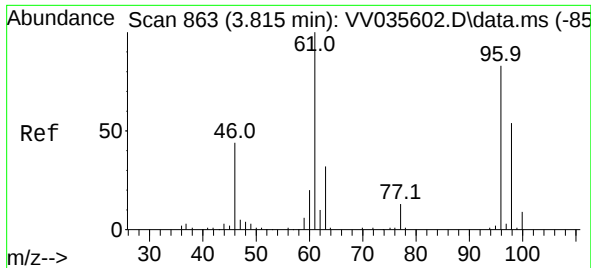
Tgt Ion: 63 Resp: 174823
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.9
83 13.9 9.2 17.0



#21
2-Butanone
Concen: 48.374 ug/L
RT: 3.895 min Scan# 888
Delta R.T. -0.013 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

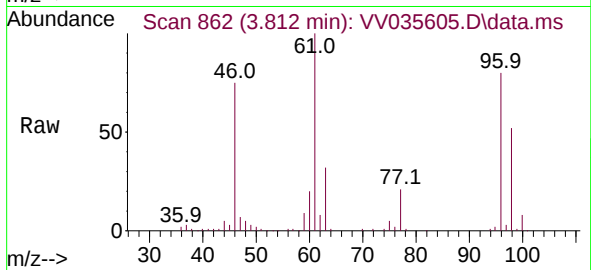
Tgt Ion: 43 Resp: 199200
Ion Ratio Lower Upper
43 100
72 22.2 12.0 36.1



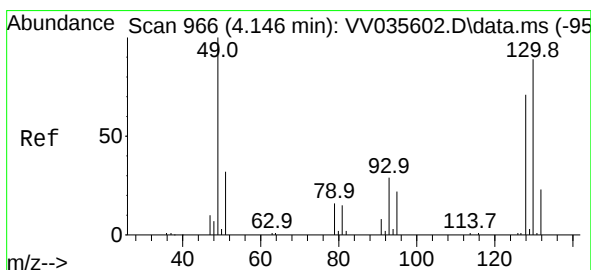
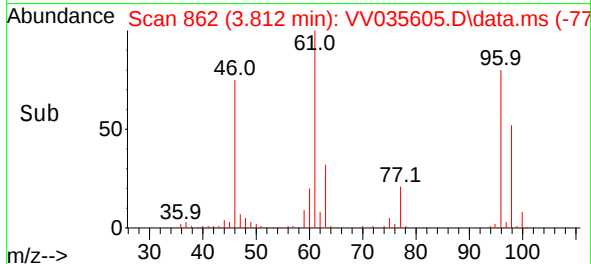
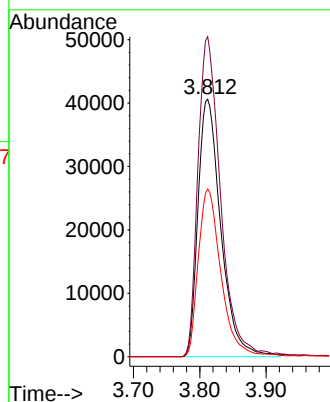


#22
cis-1,2-Dichloroethene
Concen: 4.834 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.003 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

Instrument :
MSVOA_V
ClientSampleId :

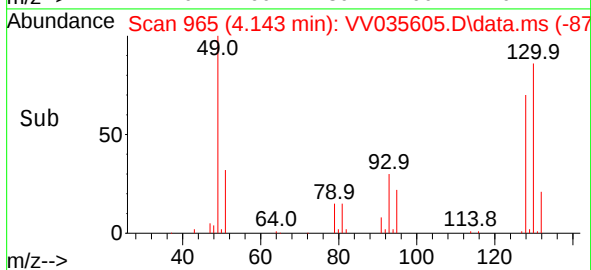
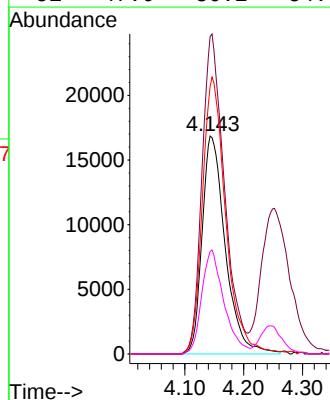
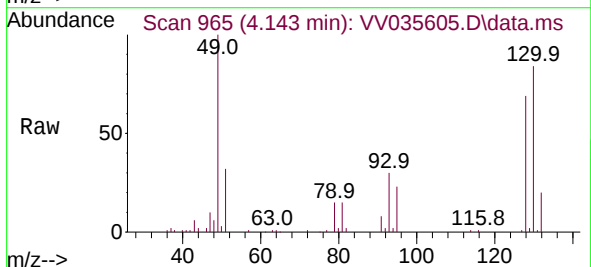


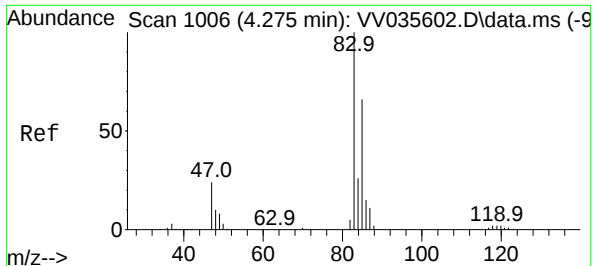
Tgt Ion: 96 Resp: 97042
Ion Ratio Lower Upper
96 100
61 124.3 84.3 156.5
98 65.1 45.6 84.6



#23
Bromochloromethane
Concen: 4.716 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.003 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

Tgt Ion: 128 Resp: 46024
Ion Ratio Lower Upper
128 100
49 145.7 98.6 183.0
130 122.8 87.6 162.8
51 47.0 36.2 54.4





#25

Chloroform

Concen: 4.604 ug/L

RT: 4.272 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

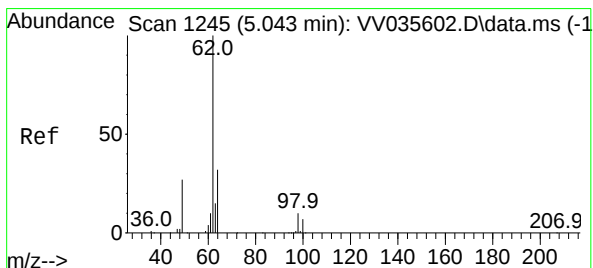
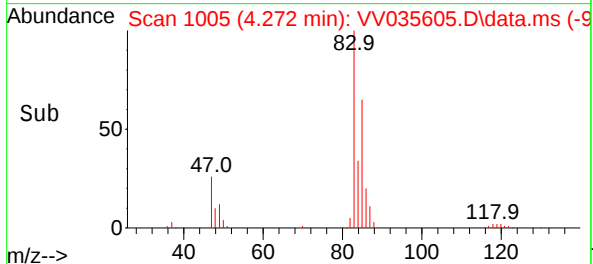
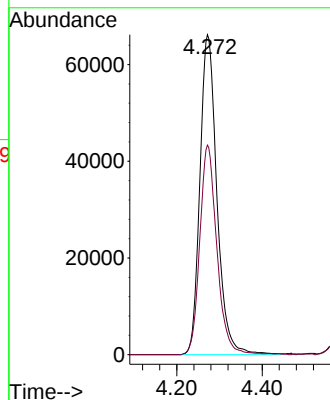
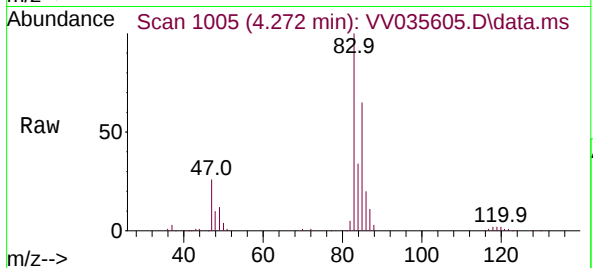
ClientSampleId :

Tgt Ion: 83 Resp: 182885

Ion Ratio Lower Upper

83 100

85 65.5 45.9 85.3



#27

1,2-Dichloroethane

Concen: 4.461 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.003 min

Lab File: VV035605.D

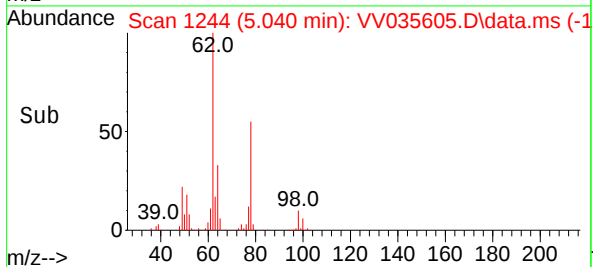
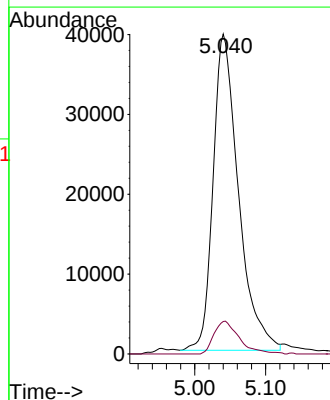
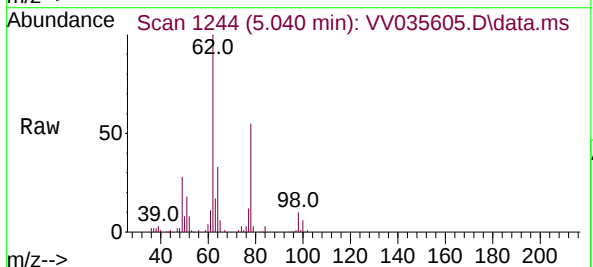
Acq: 14 May 2024 11:54

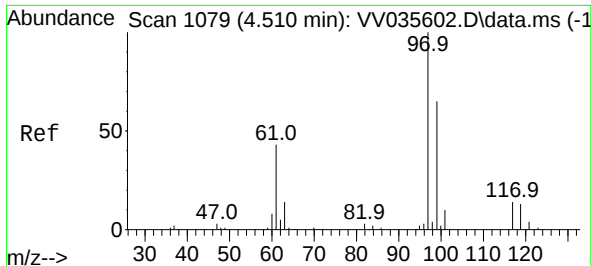
Tgt Ion: 62 Resp: 98353

Ion Ratio Lower Upper

62 100

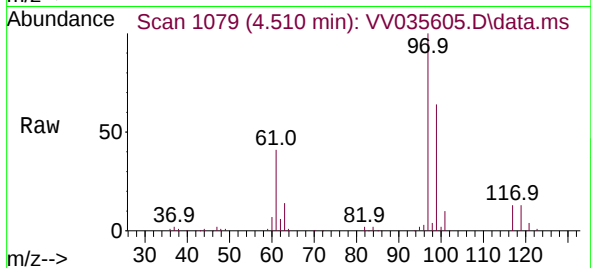
98 10.1 8.2 12.4



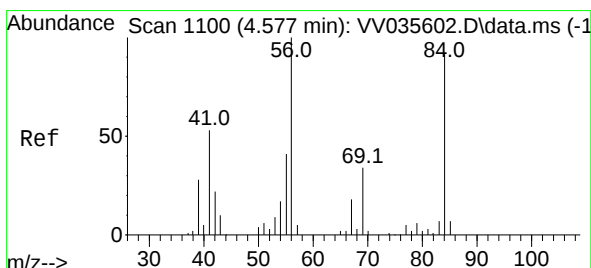
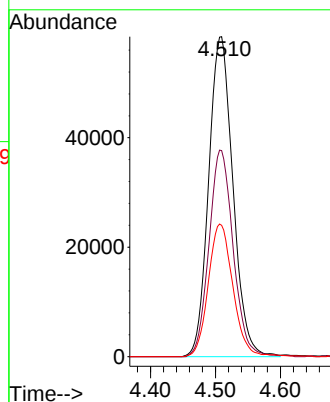
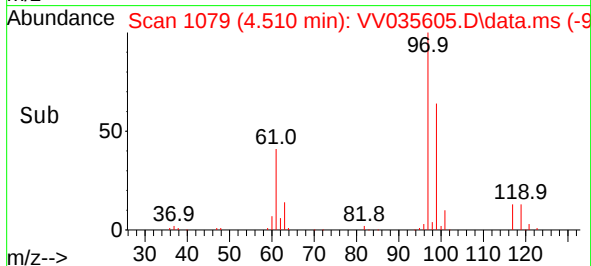


#29
1,1,1-Trichloroethane
Concen: 4.752 ug/L
RT: 4.510 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

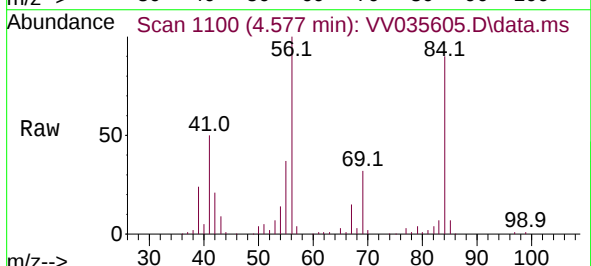
Instrument :
MSVOA_V
ClientSampleId :



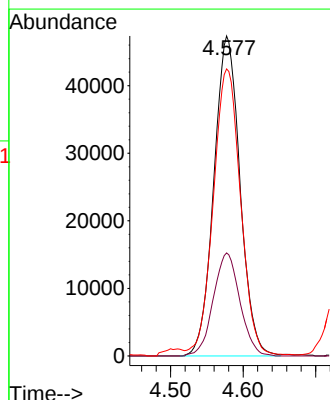
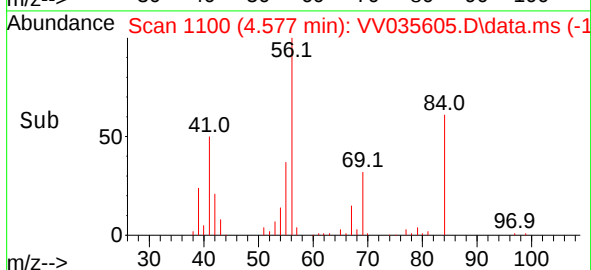
Tgt Ion: 97 Resp: 151763
Ion Ratio Lower Upper
97 100
99 64.2 52.4 78.6
61 42.1 33.9 50.9

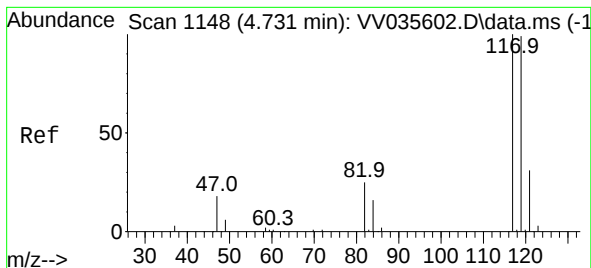


#30
Cyclohexane
Concen: 5.142 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54



Tgt Ion: 56 Resp: 118650
Ion Ratio Lower Upper
56 100
69 32.7 26.4 39.6
84 92.8 75.0 112.6





#31

Carbon tetrachloride

Concen: 4.747 ug/L

RT: 4.731 min Scan# 1148

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

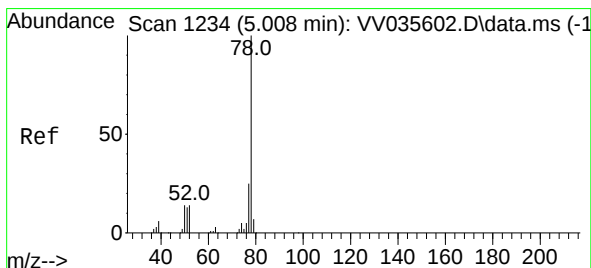
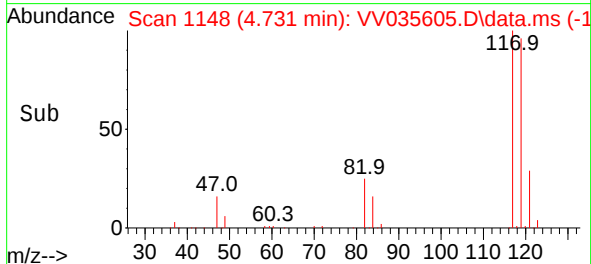
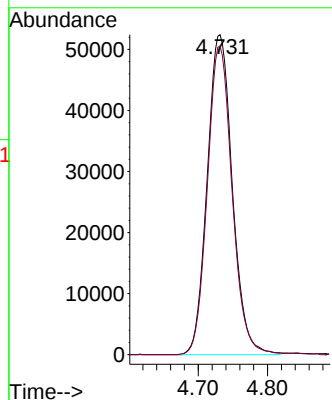
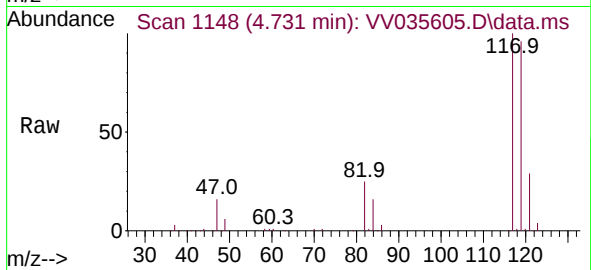
ClientSampleId :

Tgt Ion:117 Resp: 131961

Ion Ratio Lower Upper

117 100

119 95.2 77.2 115.8



#33

Benzene

Concen: 5.047 ug/L

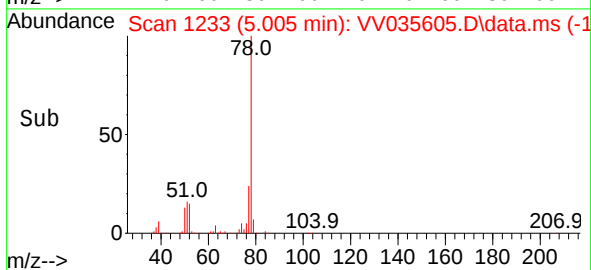
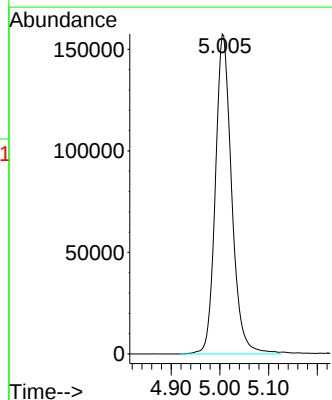
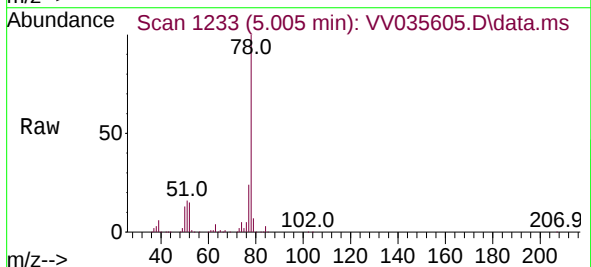
RT: 5.005 min Scan# 1233

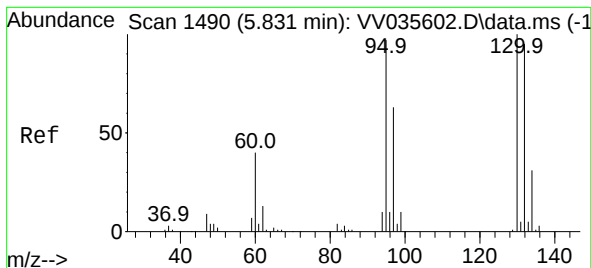
Delta R.T. -0.003 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Tgt Ion: 78 Resp: 366135





#34

Trichloroethene

Concen: 4.972 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

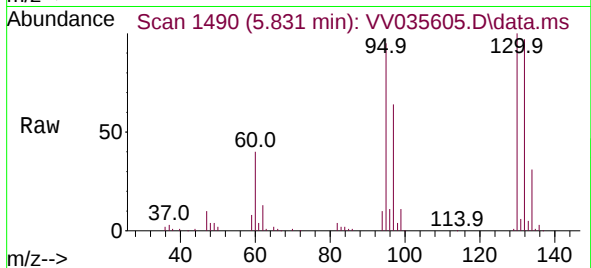
Lab File: VV035605.D

Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 103440

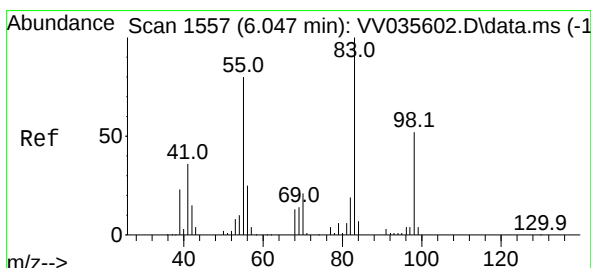
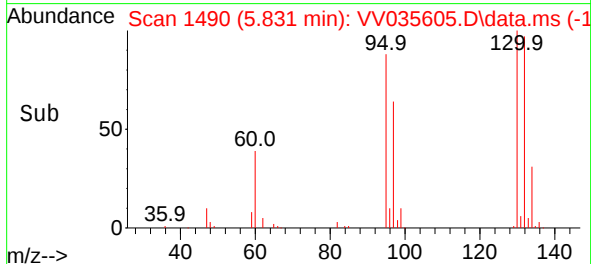
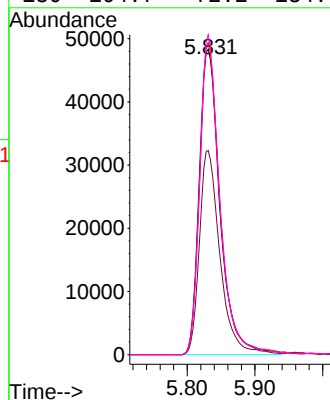
Ion Ratio Lower Upper

95 100

97 66.8 45.2 84.0

132 102.1 68.7 127.7

130 104.7 72.2 134.0



#35

Methylcyclohexane

Concen: 5.136 ug/L

RT: 6.046 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

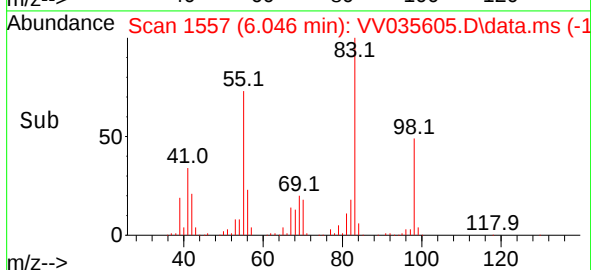
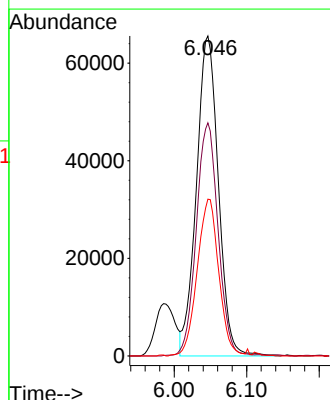
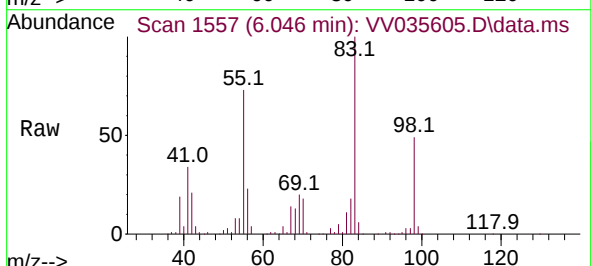
Tgt Ion: 83 Resp: 138261

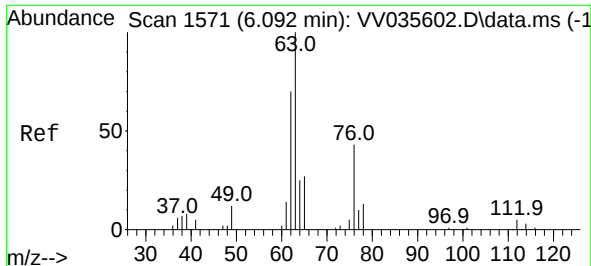
Ion Ratio Lower Upper

83 100

55 72.1 60.7 91.1

98 48.0 38.4 57.6

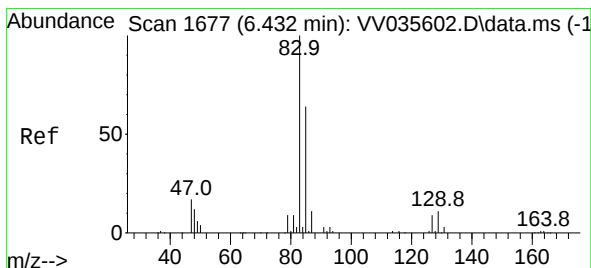
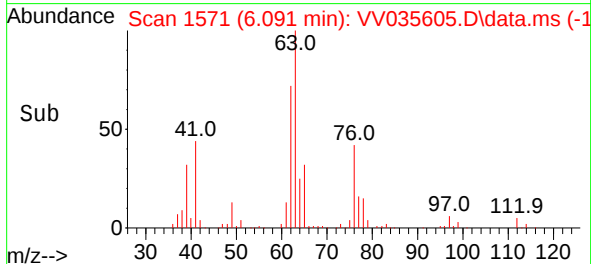
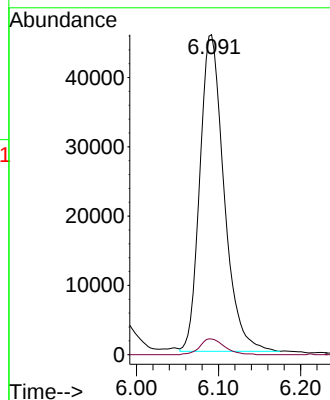
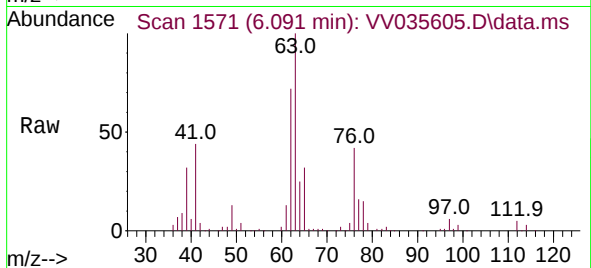




#37
1,2-Dichloropropane
Concen: 4.807 ug/L
RT: 6.091 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

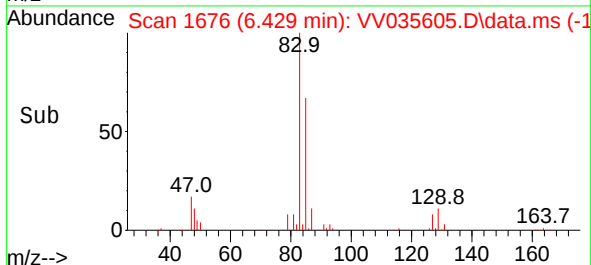
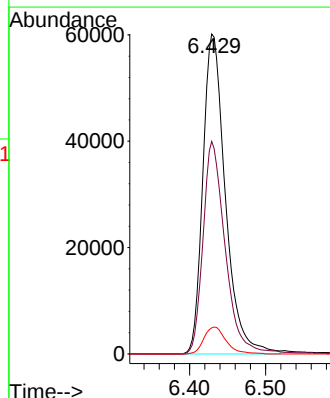
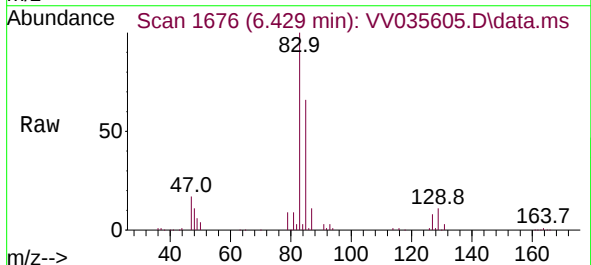
Instrument :
MSVOA_V
ClientSampleId :

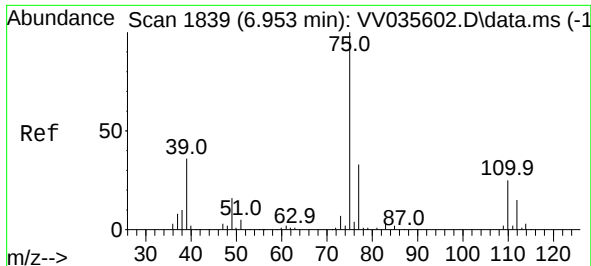
Tgt Ion: 63 Resp: 93508
Ion Ratio Lower Upper
63 100
112 5.1 3.9 5.9



#38
Bromodichloromethane
Concen: 4.710 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.003 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

Tgt Ion: 83 Resp: 123654
Ion Ratio Lower Upper
83 100
85 66.4 44.6 82.8
127 8.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.111 ug/L

RT: 6.953 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

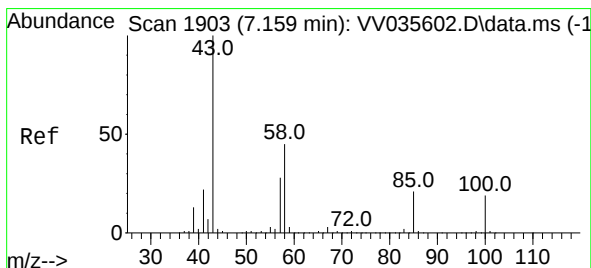
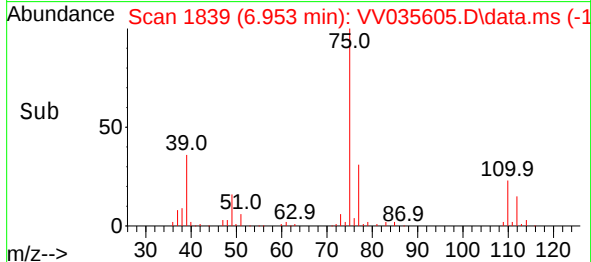
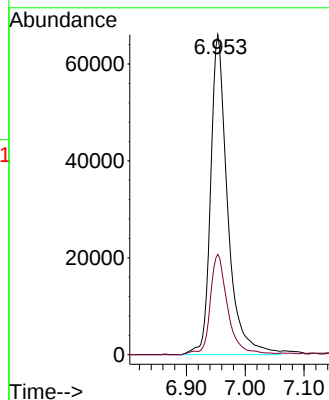
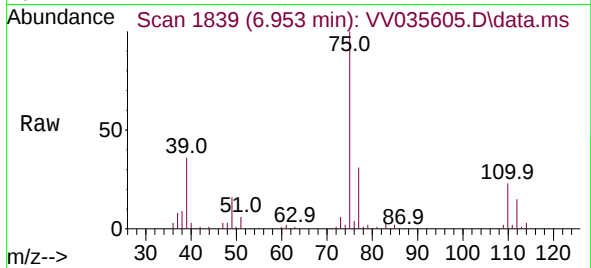
ClientSampleId :

Tgt Ion: 75 Resp: 132785

Ion Ratio Lower Upper

75 100

77 31.4 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 52.719 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

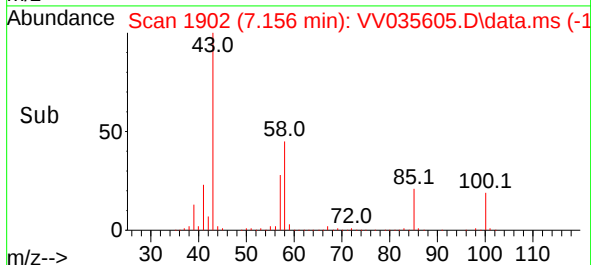
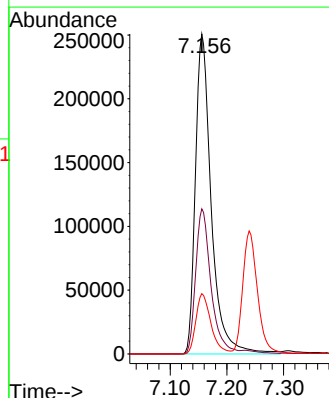
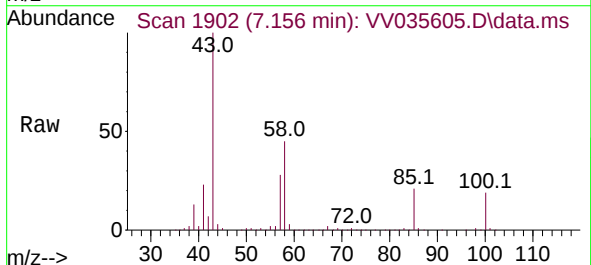
Tgt Ion: 43 Resp: 487345

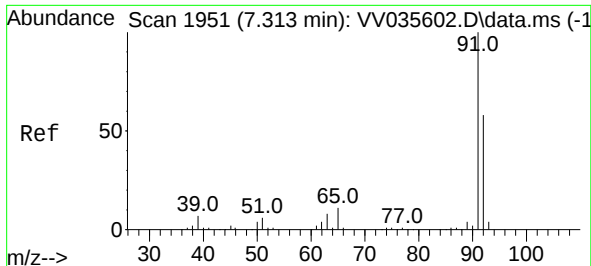
Ion Ratio Lower Upper

43 100

58 43.8 35.8 53.6

100 17.9 14.1 21.1

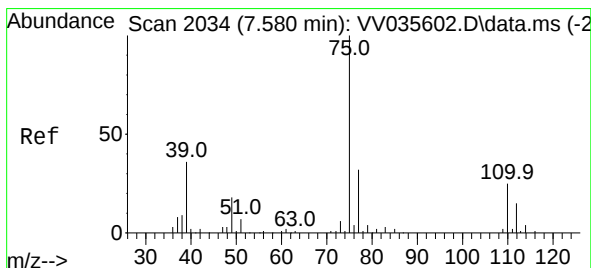
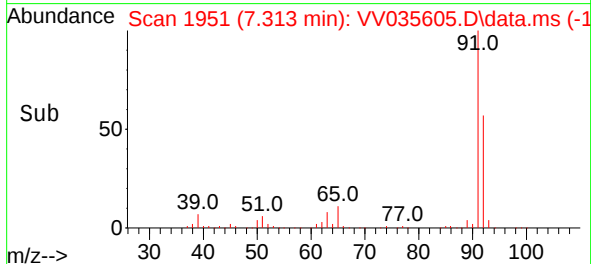
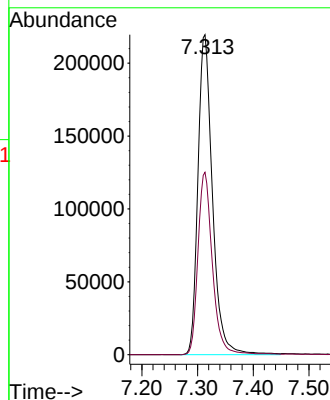
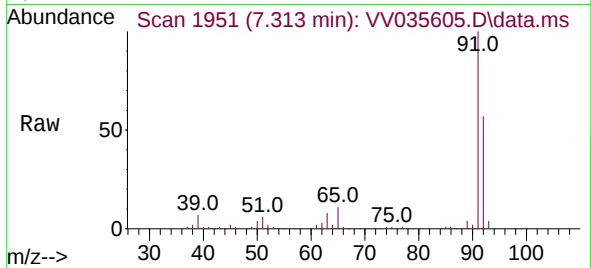




#42
Toluene
Concen: 5.270 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

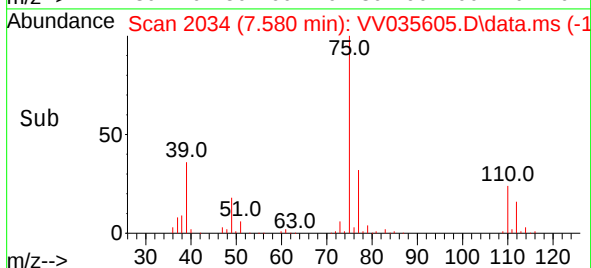
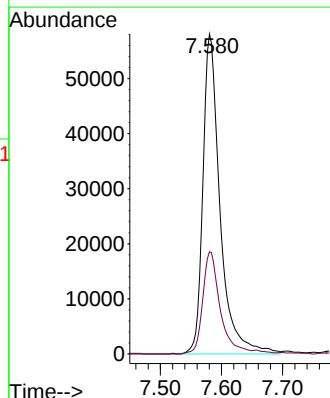
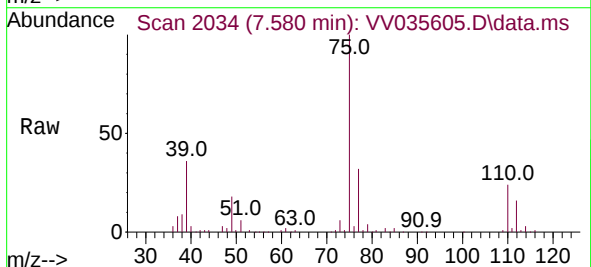
Instrument :
MSVOA_V
ClientSampleId :

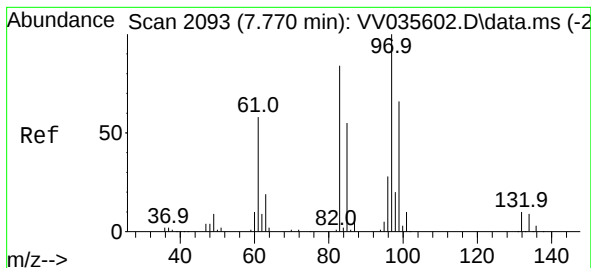
Tgt Ion: 91 Resp: 398533
Ion Ratio Lower Upper
91 100
92 57.0 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 5.167 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

Tgt Ion: 75 Resp: 113180
Ion Ratio Lower Upper
75 100
77 31.9 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 4.748 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.003 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 72340

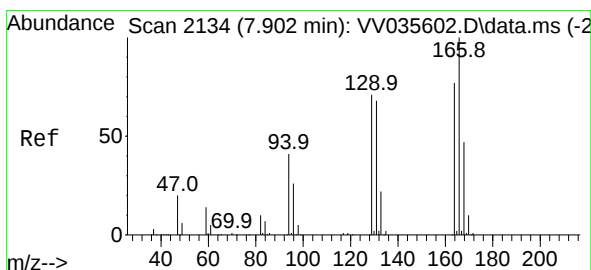
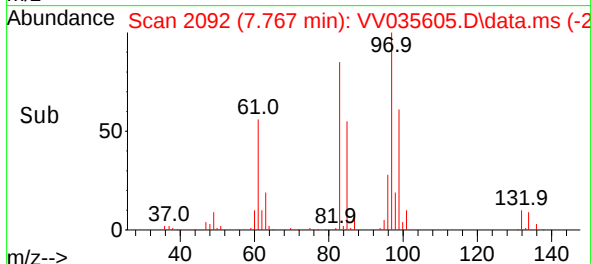
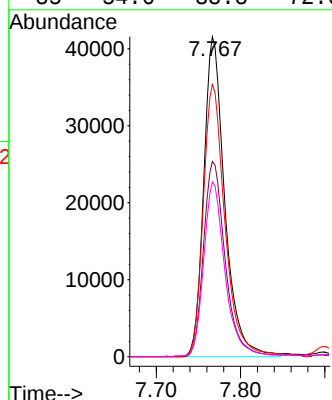
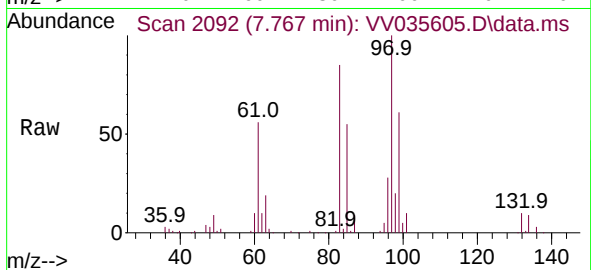
Ion Ratio Lower Upper

97 100

99 61.0 46.1 85.5

83 85.1 59.0 109.6

85 54.6 38.8 72.0



#47

Tetrachloroethene

Concen: 4.923 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Tgt Ion:164 Resp: 80824

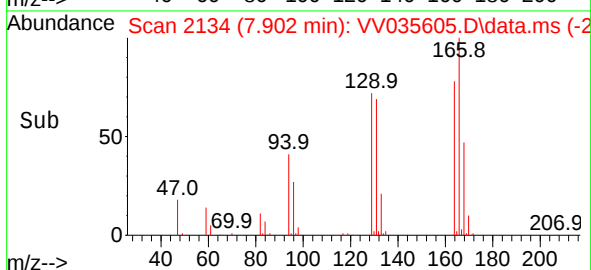
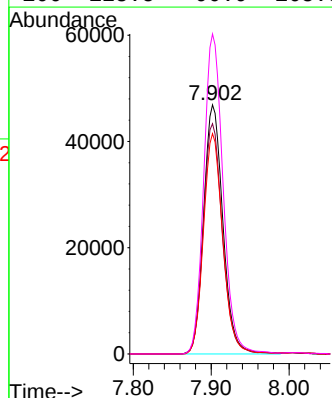
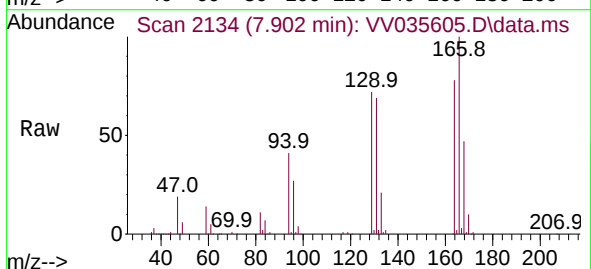
Ion Ratio Lower Upper

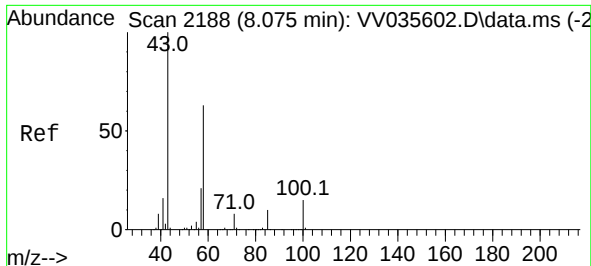
164 100

129 92.4 64.9 120.5

131 88.5 61.8 114.8

166 128.5 90.9 168.9

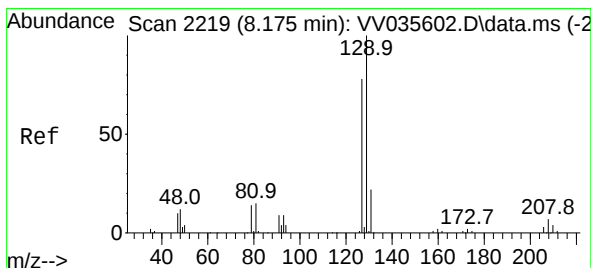
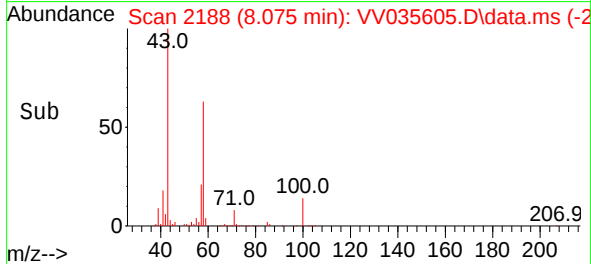
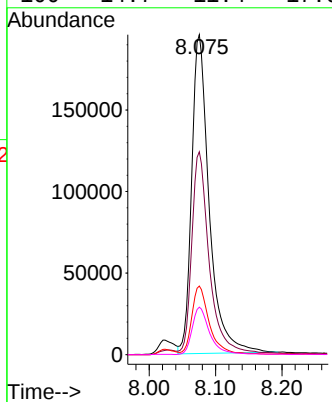
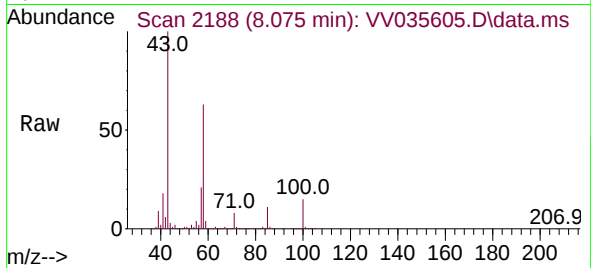




#48
2-Hexanone
Concen: 52.785 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

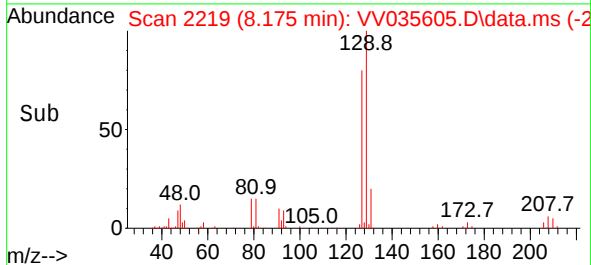
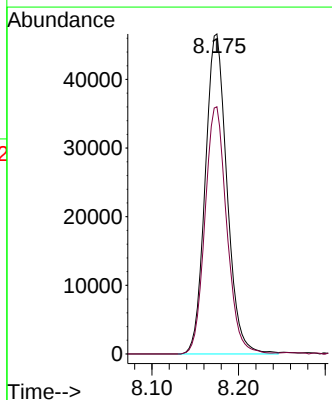
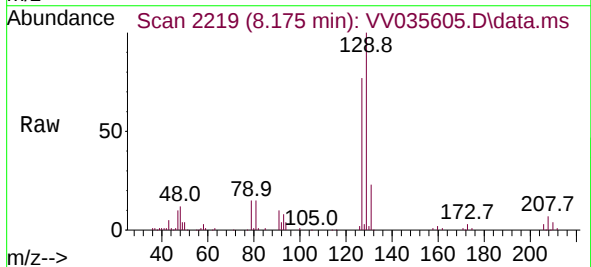
Instrument :
MSVOA_V
ClientSampleId :

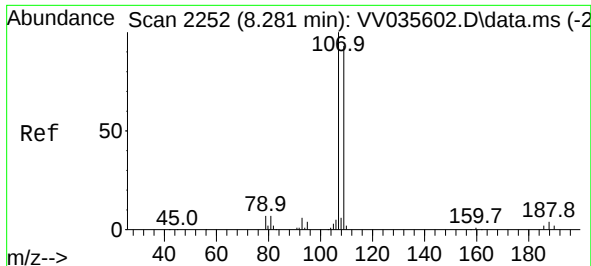
Tgt Ion: 43 Resp: 358793
Ion Ratio Lower Upper
43 100
58 62.2 49.1 73.7
57 21.4 16.8 25.2
100 14.7 11.4 17.0



#49
Dibromochloromethane
Concen: 4.831 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

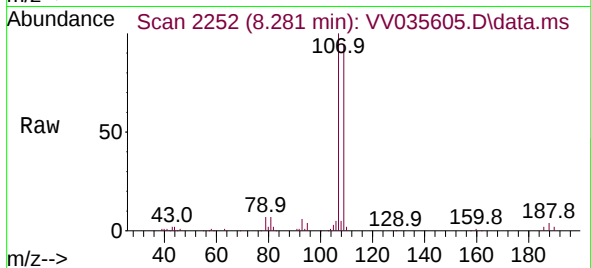
Tgt Ion: 129 Resp: 81378
Ion Ratio Lower Upper
129 100
127 77.3 54.3 100.8



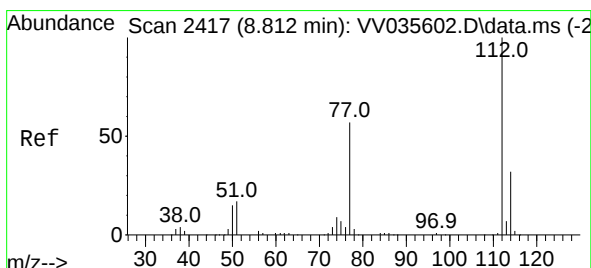
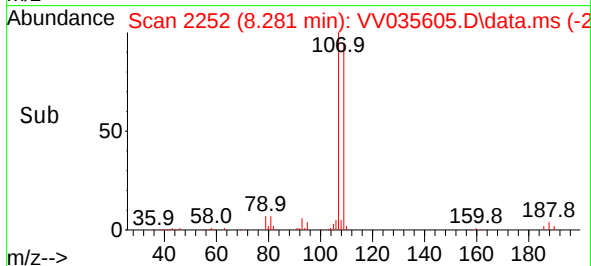
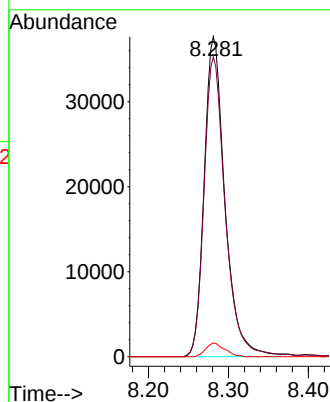


#50
1,2-Dibromoethane
Concen: 4.800 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

Instrument :
MSVOA_V
ClientSampleId :

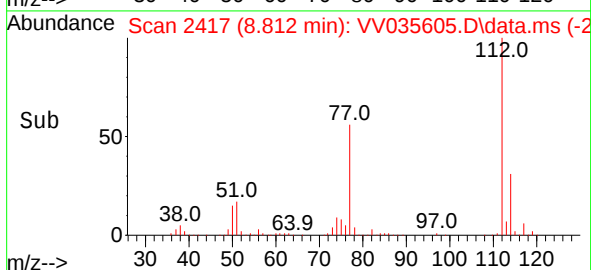
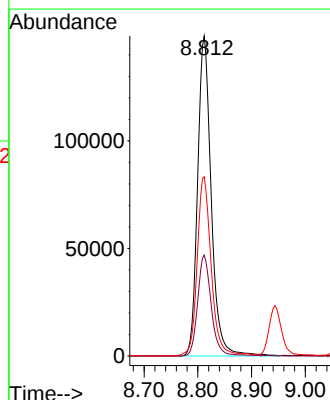
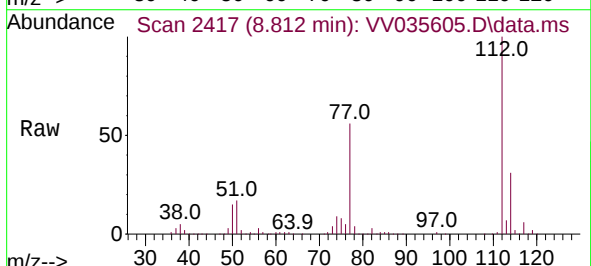


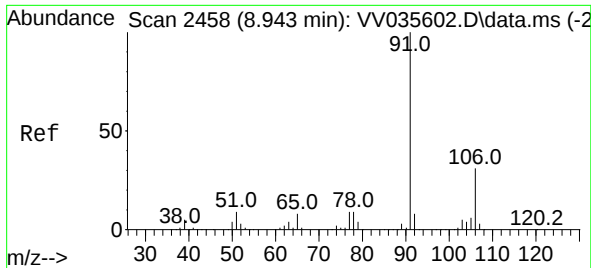
Tgt Ion:107 Resp: 67991
Ion Ratio Lower Upper
107 100
109 93.7 65.2 121.0
188 4.3 3.1 4.7



#51
Chlorobenzene
Concen: 4.989 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

Tgt Ion:112 Resp: 262099
Ion Ratio Lower Upper
112 100
114 31.5 22.2 41.2
77 56.0 45.6 68.4

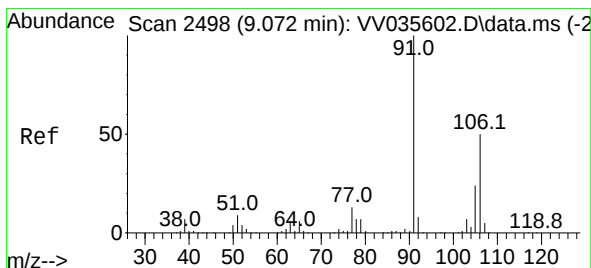
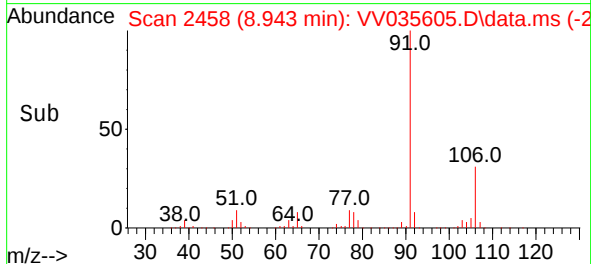
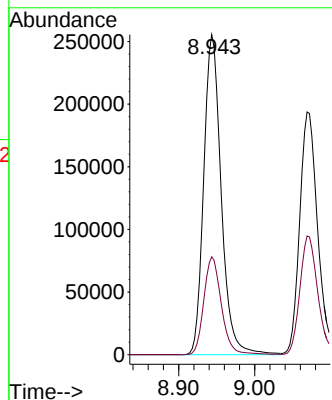
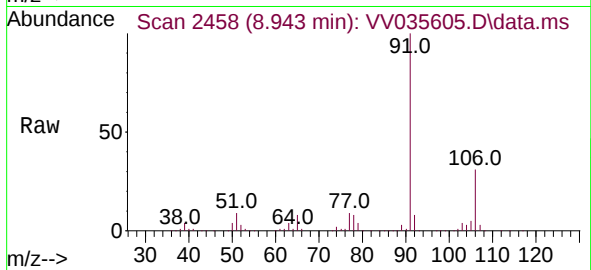




#52
Ethylbenzene
Concen: 5.176 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

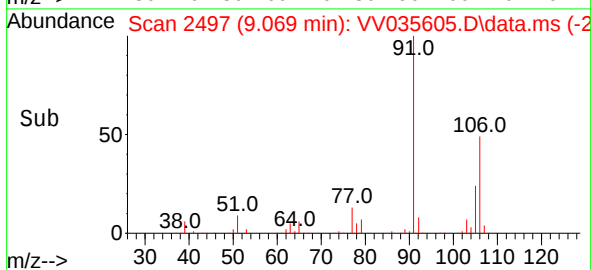
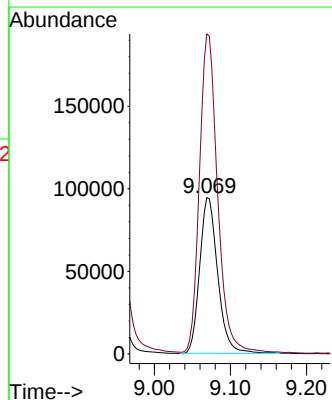
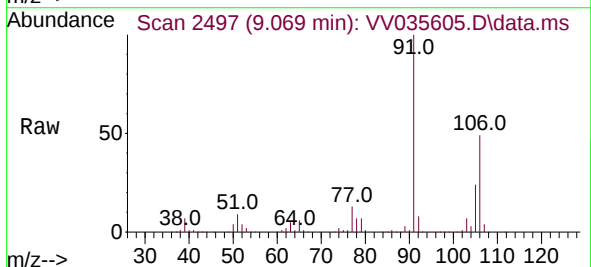
Instrument :
MSVOA_V
ClientSampleId :

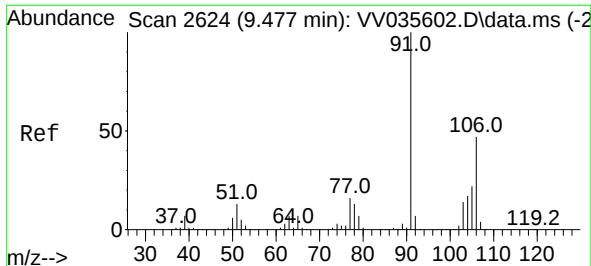
Tgt Ion: 91 Resp: 408661
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9



#53
m,p-Xylene
Concen: 5.183 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

Tgt Ion: 106 Resp: 155885
Ion Ratio Lower Upper
106 100
91 204.6 141.3 262.3





#54

o-Xylene

Concen: 5.183 ug/L

RT: 9.474 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

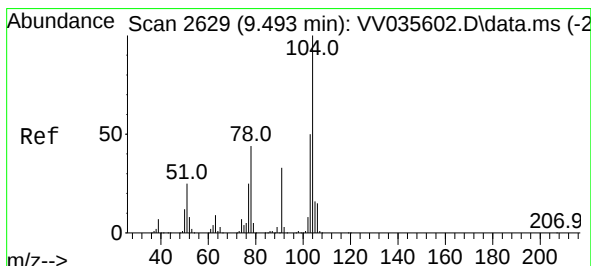
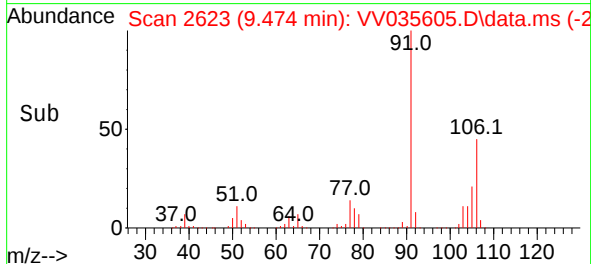
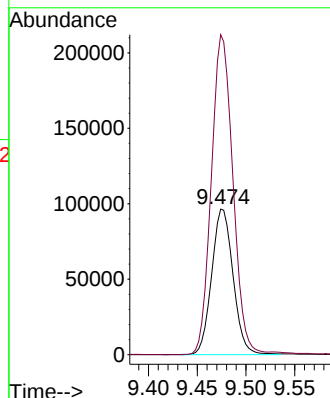
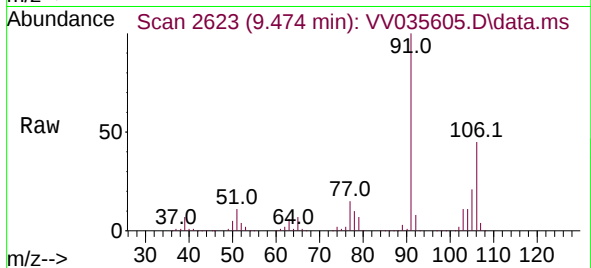
ClientSampleId :

Tgt Ion:106 Resp: 147526

Ion Ratio Lower Upper

106 100

91 219.9 148.6 276.0



#55

Styrene

Concen: 5.472 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. -0.000 min

Lab File: VV035605.D

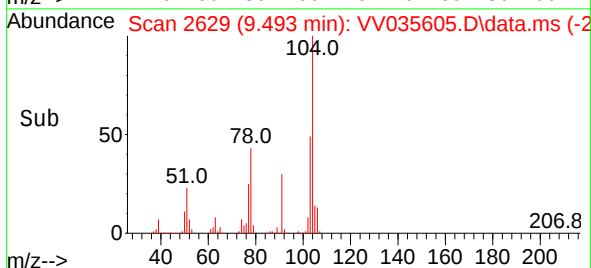
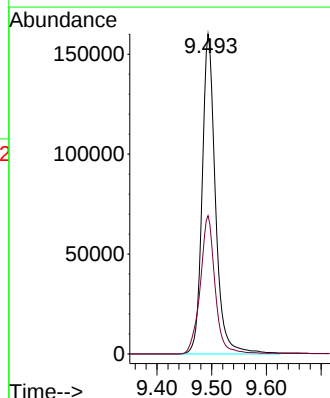
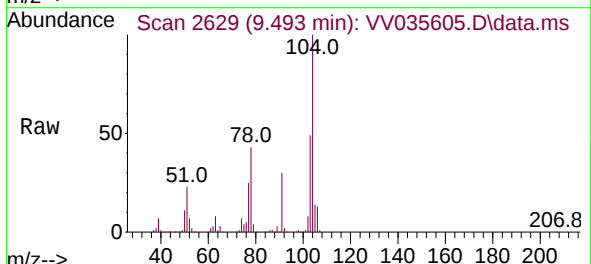
Acq: 14 May 2024 11:54

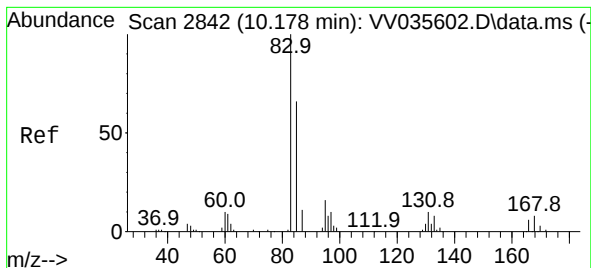
Tgt Ion:104 Resp: 271293

Ion Ratio Lower Upper

104 100

78 43.2 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 4.501 ug/L

RT: 10.175 min Scan# 2842

Delta R.T. -0.003 min

Lab File: VV035605.D

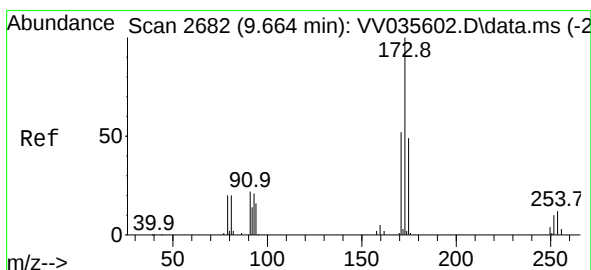
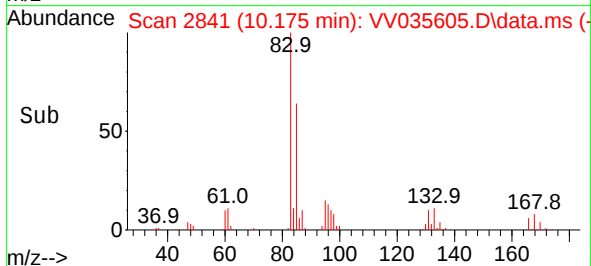
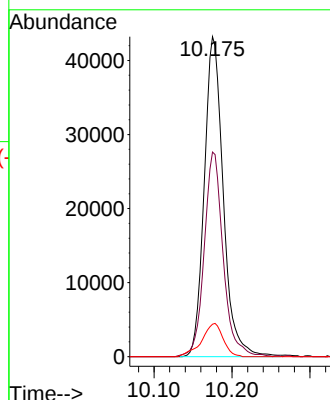
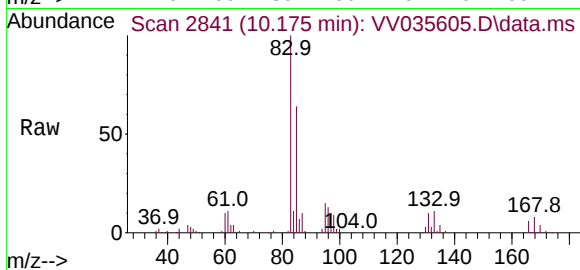
Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	73305
Ion Ratio	Lower	Upper	
83	100		
85	63.9	46.1	85.7
131	10.2	8.2	12.2



#59

Bromoform

Concen: 4.668 ug/L

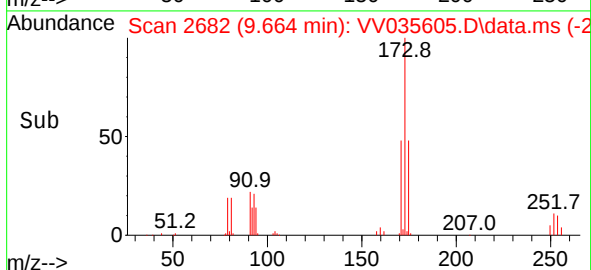
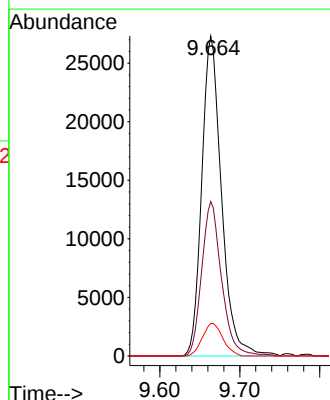
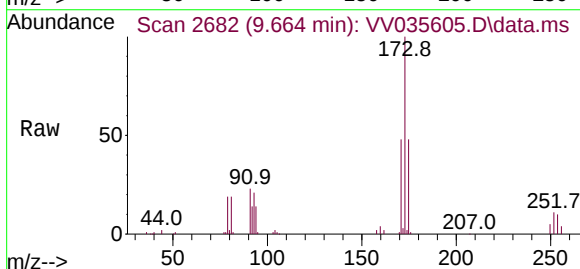
RT: 9.664 min Scan# 2682

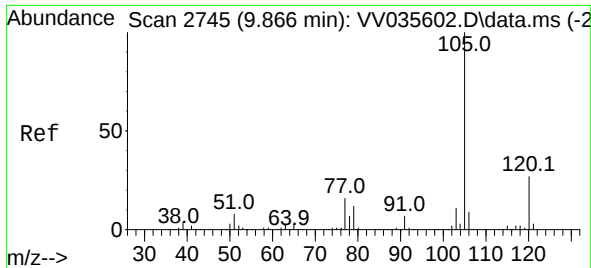
Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

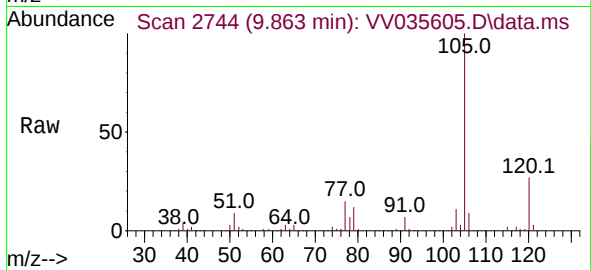
Tgt Ion:	173	Resp:	47006
Ion Ratio	Lower	Upper	
173	100		
175	48.4	38.0	57.0
254	10.6	8.6	13.0



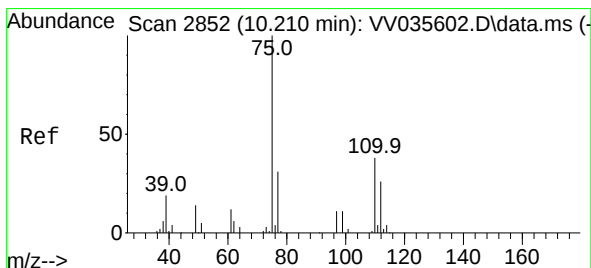
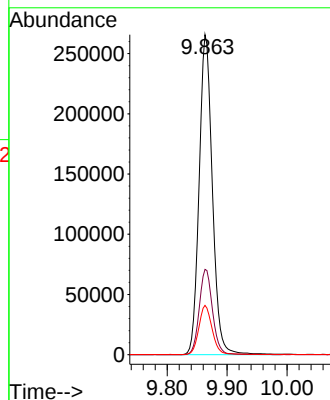
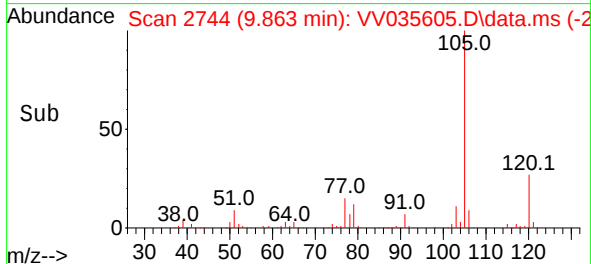


#60
Isopropylbenzene
Concen: 5.157 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54

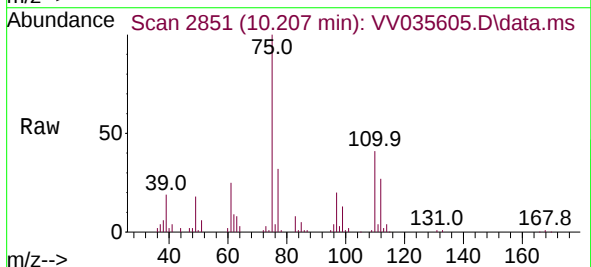
Instrument :
MSVOA_V
ClientSampleId :



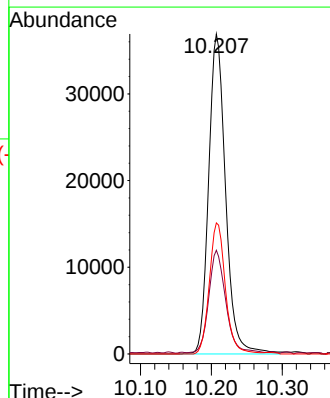
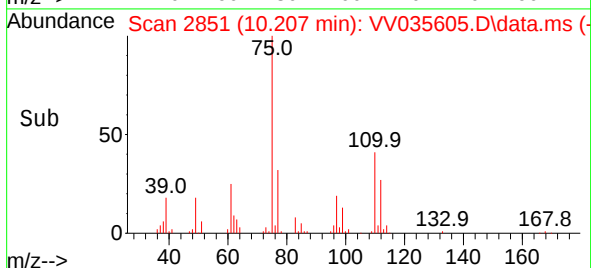
Tgt Ion:105 Resp: 409295
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 15.4 12.5 18.7

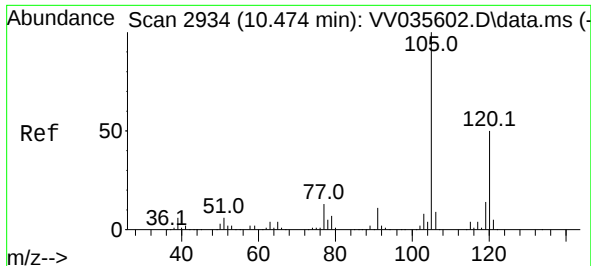


#61
1,2,3-Trichloropropane
Concen: 4.694 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VV035605.D
Acq: 14 May 2024 11:54



Tgt Ion: 75 Resp: 61266
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.2
110 39.0 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 5.077 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

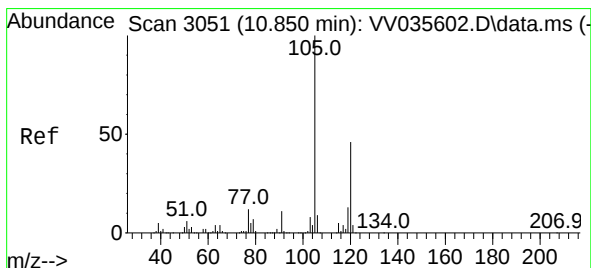
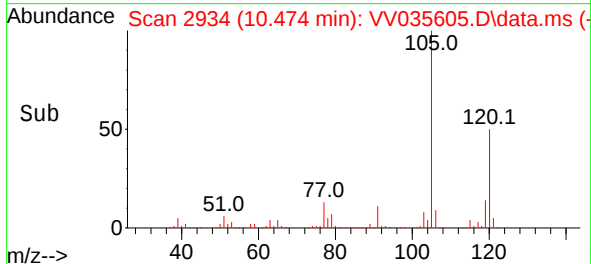
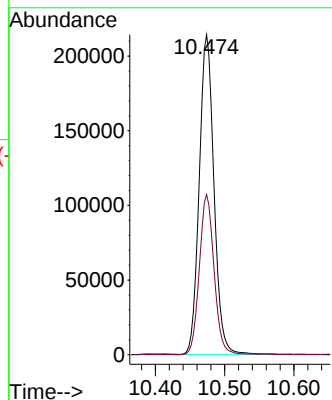
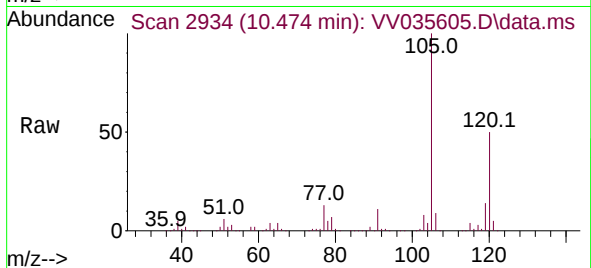
ClientSampleId :

Tgt Ion:105 Resp: 317026

Ion Ratio Lower Upper

105 100

120 50.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.227 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035605.D

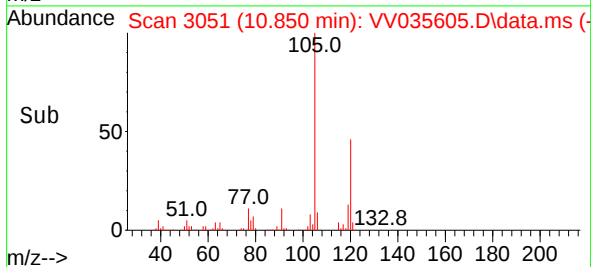
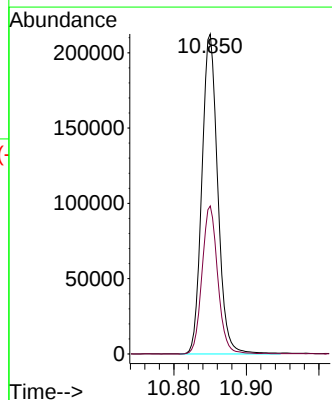
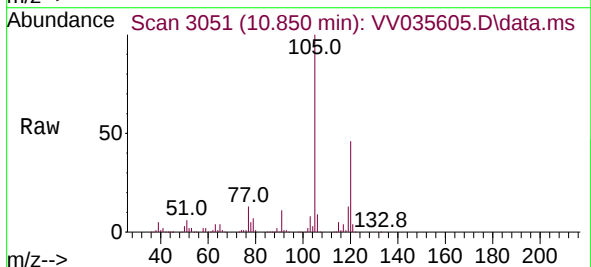
Acq: 14 May 2024 11:54

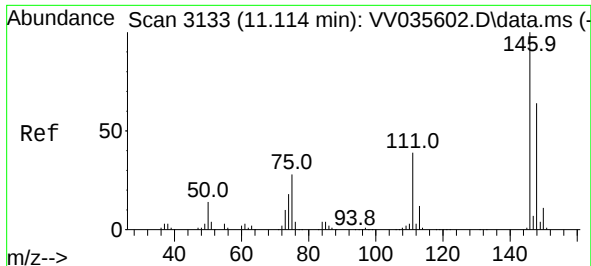
Tgt Ion:105 Resp: 323014

Ion Ratio Lower Upper

105 100

120 45.8 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 5.082 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

ClientSampleId :

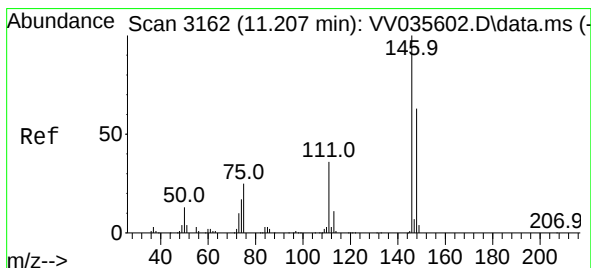
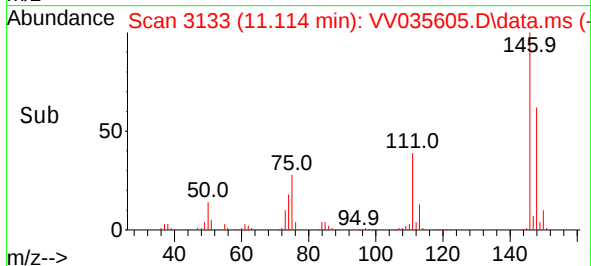
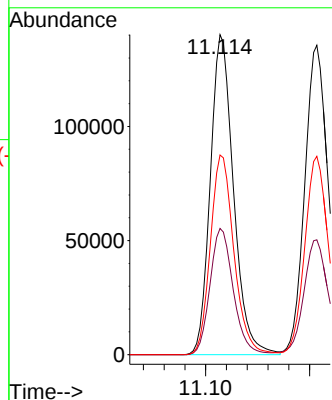
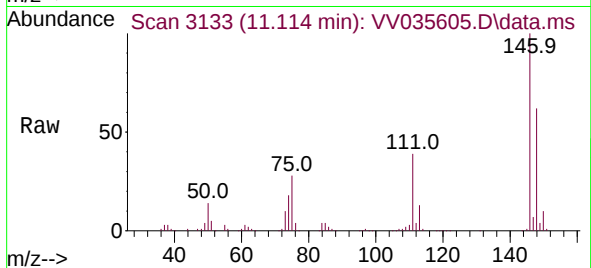
Tgt Ion:146 Resp: 217191

Ion Ratio Lower Upper

146 100

111 39.5 27.6 51.2

148 62.4 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 4.955 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

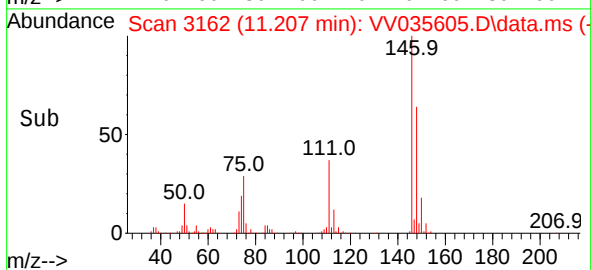
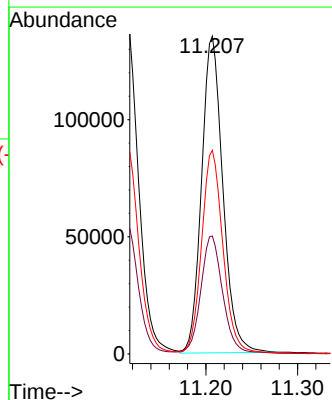
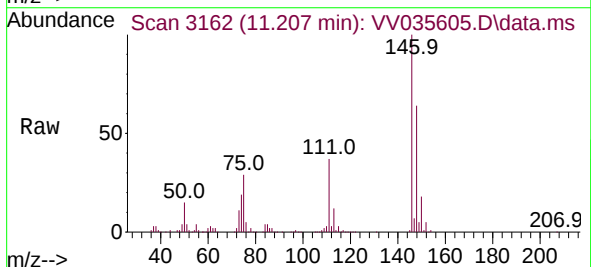
Tgt Ion:146 Resp: 217835

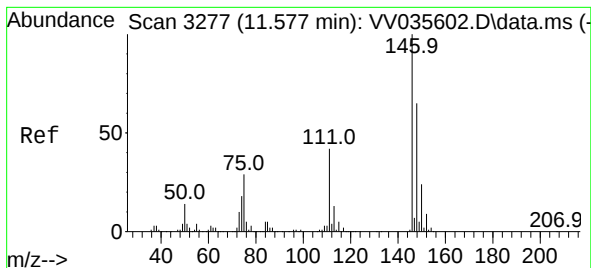
Ion Ratio Lower Upper

146 100

111 37.1 25.8 47.8

148 64.1 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 4.911 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

ClientSampleId :

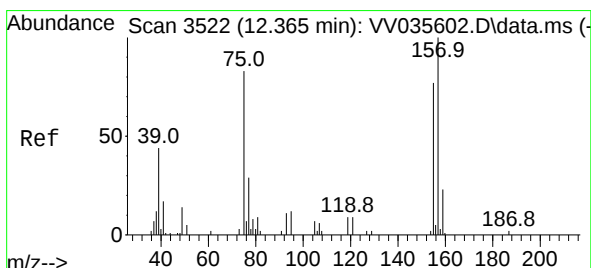
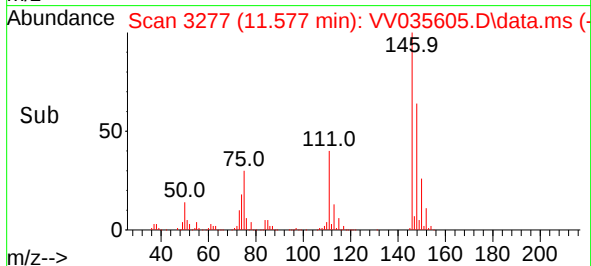
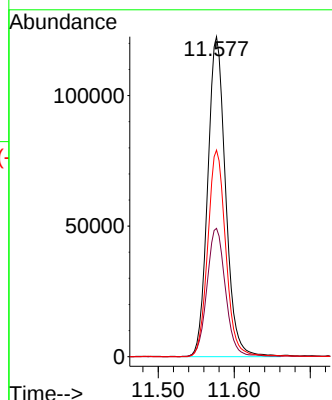
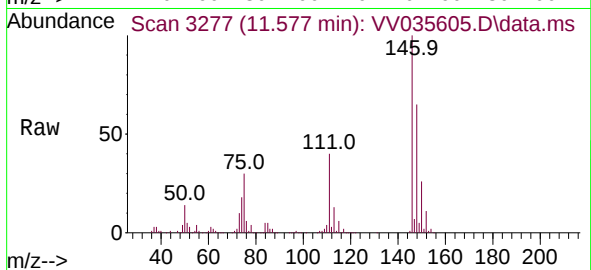
Tgt Ion:146 Resp: 200439

Ion Ratio Lower Upper

146 100

111 40.1 33.5 50.3

148 64.6 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.918 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

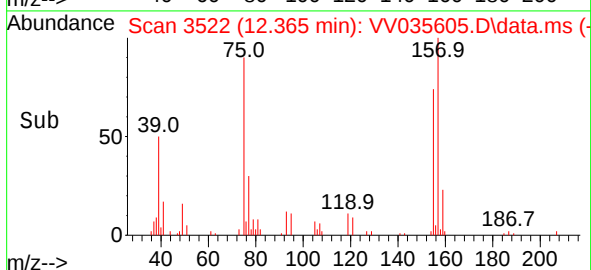
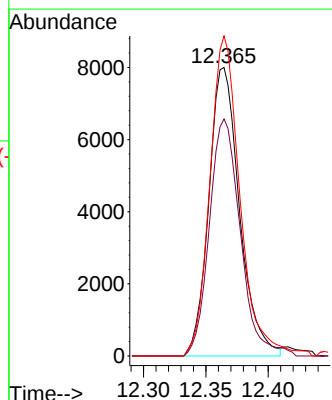
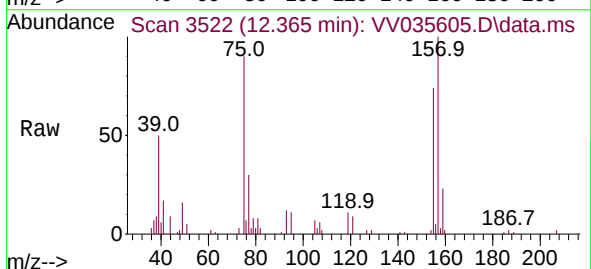
Tgt Ion: 75 Resp: 13681

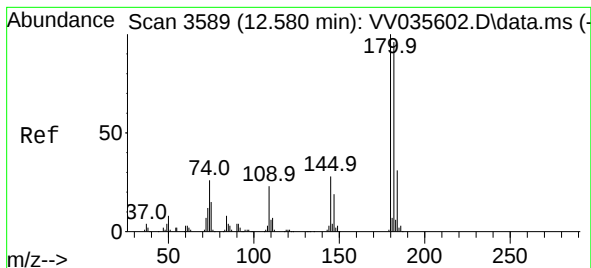
Ion Ratio Lower Upper

75 100

155 82.1 73.4 110.0

157 110.9 95.8 143.8





#69

1,3,5-Trichlorobenzene

Concen: 5.136 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 166008

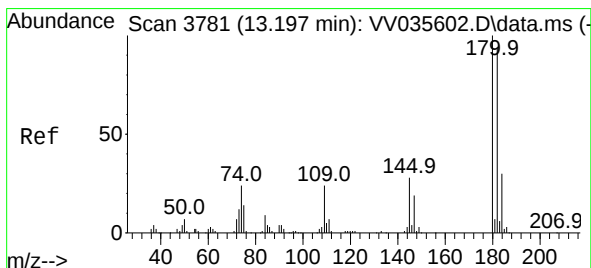
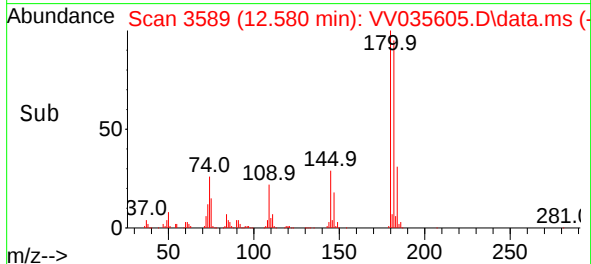
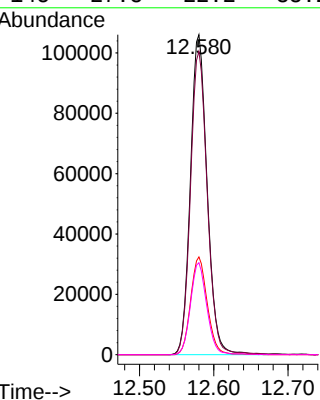
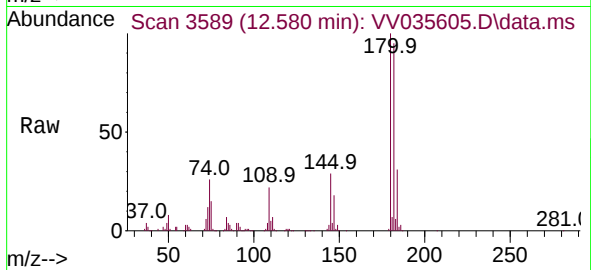
Ion Ratio Lower Upper

180 100

182 94.4 75.9 113.9

184 30.2 24.0 36.0

145 27.8 22.2 33.2



#70

1,2,4-trichlorobenzene

Concen: 5.389 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.003 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

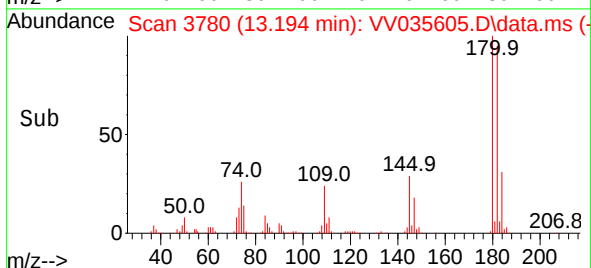
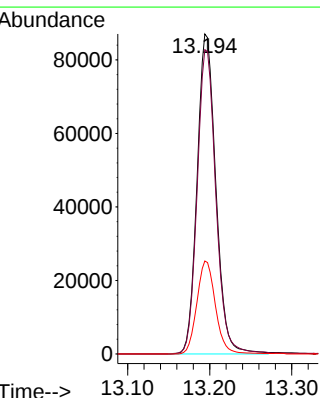
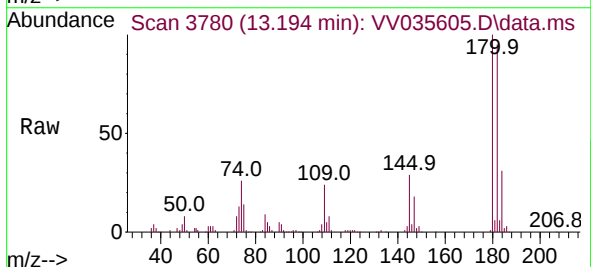
Tgt Ion:180 Resp: 138229

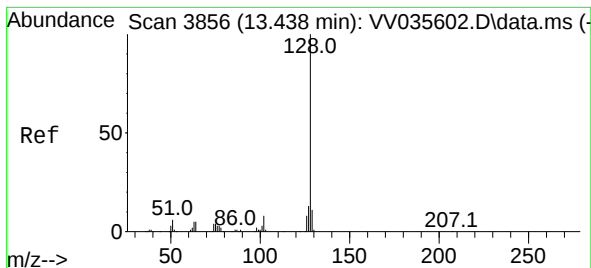
Ion Ratio Lower Upper

180 100

182 95.1 76.5 114.7

145 28.8 22.9 34.3





#71

Naphthalene

Concen: 6.279 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Instrument :

MSVOA_V

ClientSampleId :

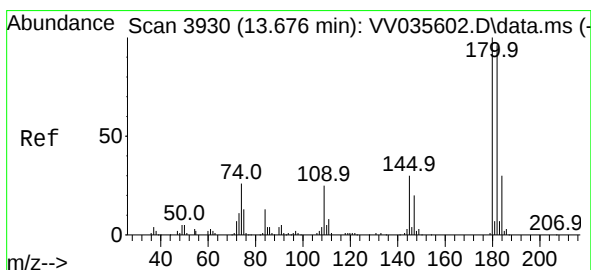
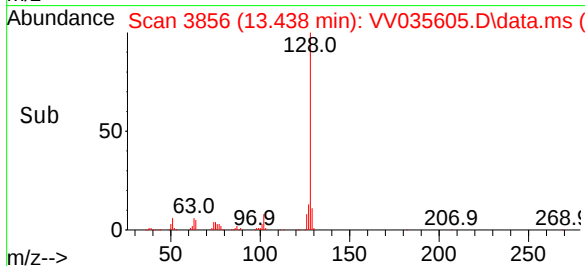
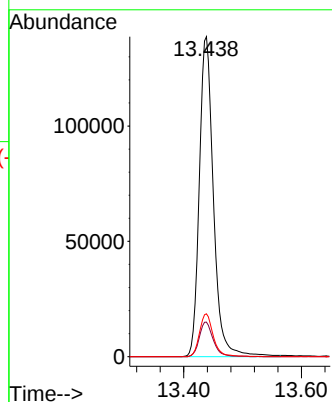
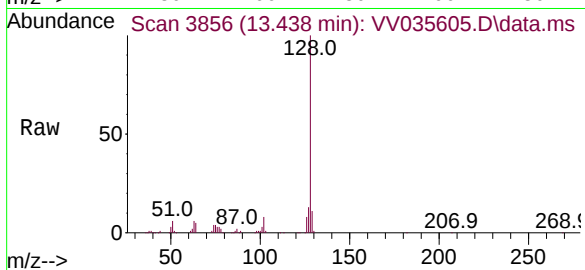
Tgt Ion:128 Resp: 231546

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 13.1 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 5.664 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV035605.D

Acq: 14 May 2024 11:54

Tgt Ion:180 Resp: 134368

Ion Ratio Lower Upper

180 100

182 95.3 76.6 114.8

145 30.8 25.1 37.7

