

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035603.D
 Acq On : 14 May 2024 11:00
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 15 02:03:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:01:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	239397	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	247602	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	138399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	154186	7.427	ug/L	0.00
7) Chloroethane-d5	1.532	69	139261	8.414	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	68326	7.666	ug/L	0.00
20) 2-Butanone-d5	3.806	46	421606	115.240	ug/L	-0.03
24) Chloroform-d	4.246	84	341663	10.021	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	159816	9.917	ug/L	0.00
32) Benzene-d6	4.957	84	634426	9.496	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	197213	9.428	ug/L	0.00
41) Toluene-d8	7.240	98	587686	9.816	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	74711	10.051	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	370189	117.871	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	159670	9.852	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	222353	9.407	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	192126	8.834	ug/L	99
3) Chloromethane	1.214	50	206592	8.140	ug/L	100
5) Vinyl chloride	1.282	62	217941	8.709	ug/L	98
6) Bromomethane	1.487	94	143749	9.737	ug/L	98
8) Chloroethane	1.548	64	139060	8.992	ug/L	99
9) Trichlorofluoromethane	1.712	101	282134	9.403	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	177676	9.583	ug/L	99
12) 1,1-Dichloroethene	2.066	96	166117	9.362	ug/L	97
13) Acetone	2.143	43	308425	119.093	ug/L	99
14) Carbon disulfide	2.237	76	480478	8.730	ug/L	100
15) Methyl Acetate	2.384	43	67484	10.139	ug/L	100
16) Methylene chloride	2.446	84	199964	8.935	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	423525	10.445	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	180097	9.881	ug/L	97
19) 1,1-Dichloroethane	3.108	63	353269	9.668	ug/L	99
21) 2-Butanone	3.886	43	442339	107.761	ug/L	89
22) cis-1,2-Dichloroethene	3.812	96	198912	10.562	ug/L	99
23) Bromochloromethane	4.146	128	92590	10.667	ug/L	94
25) Chloroform	4.272	83	369797	10.244	ug/L	97
27) 1,2-Dichloroethane	5.037	62	211403	10.062	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	309343	10.126	ug/L	98
30) Cyclohexane	4.580	56	249053	9.025	ug/L	98
31) Carbon tetrachloride	4.732	117	269548	10.270	ug/L	99
33) Benzene	5.005	78	760628	10.084	ug/L	100
34) Trichloroethene	5.831	95	204700	10.234	ug/L	98
35) Methylcyclohexane	6.047	83	287204	9.884	ug/L	98
37) 1,2-Dichloropropane	6.088	63	205470	10.333	ug/L	99
38) Bromodichloromethane	6.429	83	257614	10.487	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	286750	10.930	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	1047465	101.602	ug/L	99
42) Toluene	7.313	91	824865	10.534	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	242241	11.240	ug/L	98

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

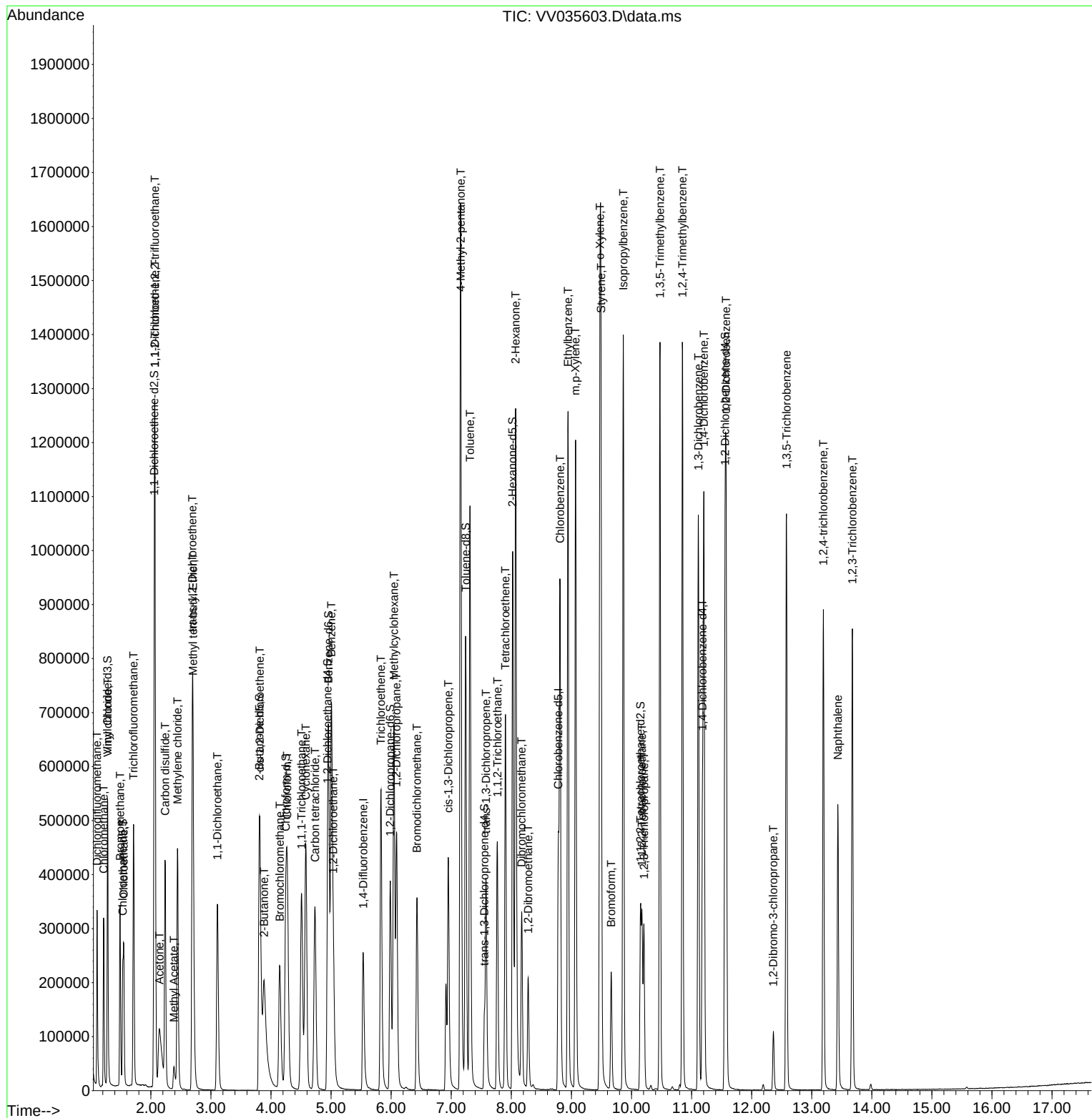
45) 1,1,2-Trichloroethane	7.767	97	150538	10.641	ug/L	98
47) Tetrachloroethene	7.902	164	162117	10.189	ug/L	99
48) 2-Hexanone	8.072	43	782987	102.558	ug/L	98
49) Dibromochloromethane	8.172	129	172627	11.600	ug/L	99
50) 1,2-Dibromoethane	8.281	107	142007	10.689	ug/L	99
51) Chlorobenzene	8.812	112	529934	10.329	ug/L	99
52) Ethylbenzene	8.944	91	874932	10.545	ug/L	99
53) m,p-Xylene	9.069	106	339955	11.010	ug/L	99
54) o-Xylene	9.474	106	325396	10.935	ug/L	97
55) Styrene	9.493	104	597849	11.885	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	163189	9.662	ug/L	99
59) Bromoform	9.664	173	99627	11.769	ug/L	98
60) Isopropylbenzene	9.863	105	883843	10.322	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	126182	9.294	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	719837	10.506	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	727767	10.732	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	446789	10.175	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	451752	9.836	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	419991	10.281	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	29321	10.854	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	344632	10.432	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	278655	10.115	ug/L	99
71) Naphthalene	13.435	128	426858	10.705	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	267302	10.866	ug/L	99

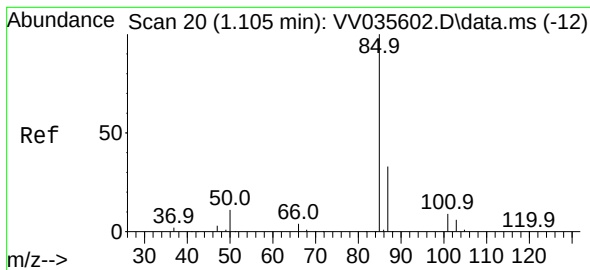
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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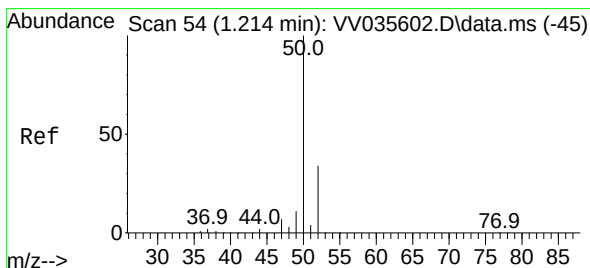
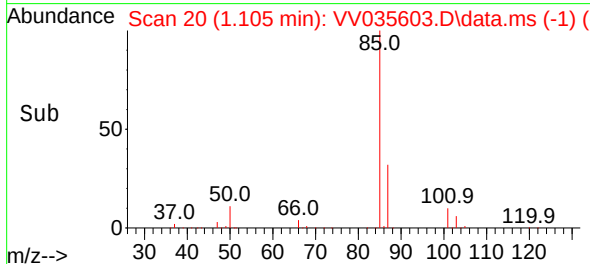
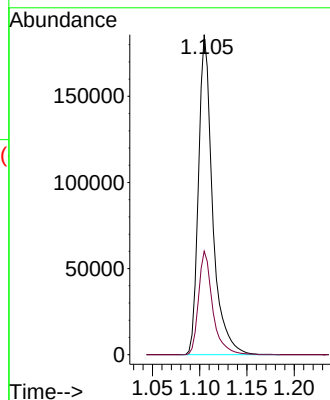
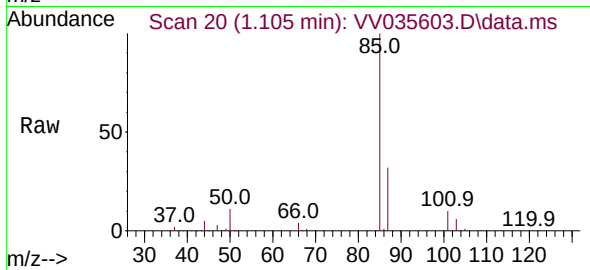




#2
 Dichlorodifluoromethane
 Concen: 8.834 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035603.D
 Acq: 14 May 2024 11:00

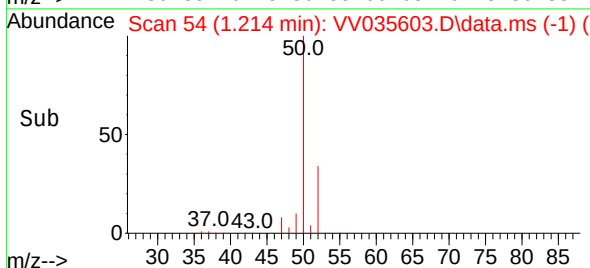
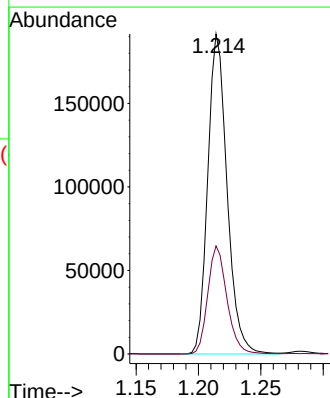
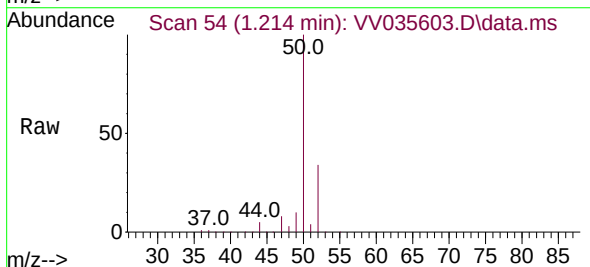
Instrument :
 MSVOA_V
 ClientSampleId :

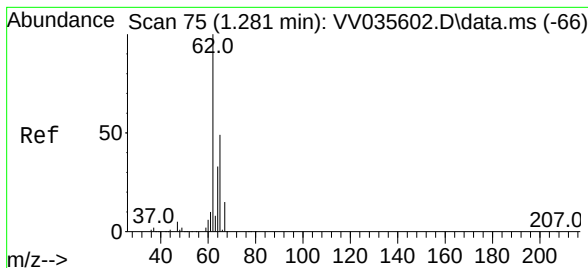
Tgt Ion: 85 Resp: 192126
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.4 39.6



#3
 Chloromethane
 Concen: 8.140 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035603.D
 Acq: 14 May 2024 11:00

Tgt Ion: 50 Resp: 206592
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.7 43.9





#5

Vinyl chloride

Concen: 8.709 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

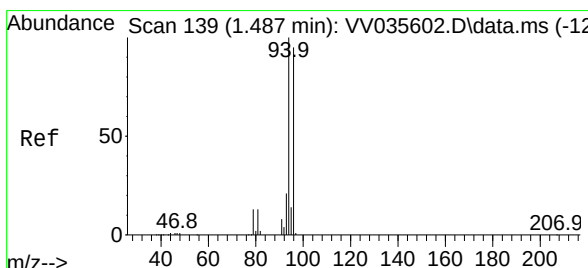
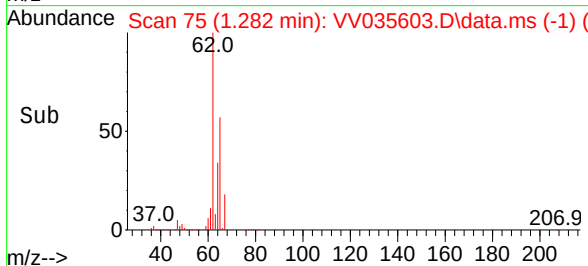
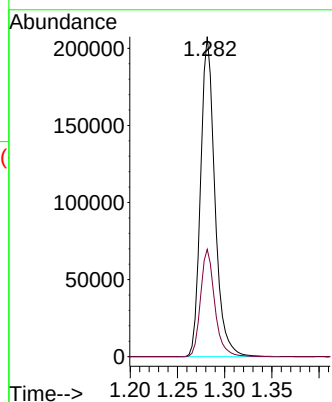
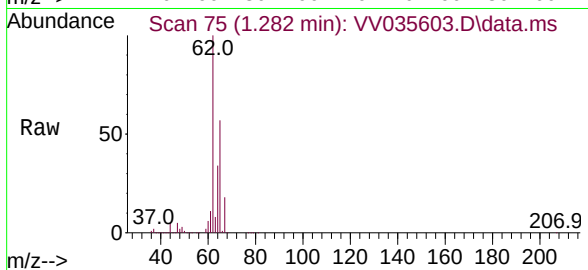
ClientSampleId :

Tgt Ion: 62 Resp: 217941

Ion Ratio Lower Upper

62 100

64 33.6 22.9 42.5



#6

Bromomethane

Concen: 9.737 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035603.D

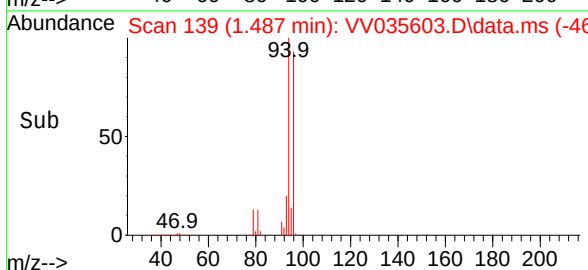
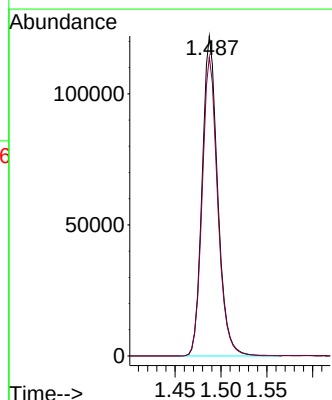
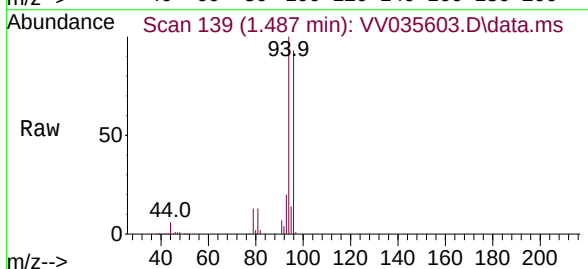
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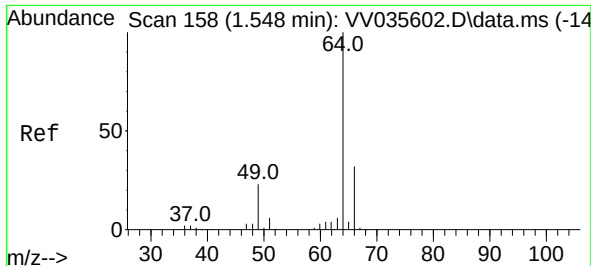
Tgt Ion: 94 Resp: 143749

Ion Ratio Lower Upper

94 100

96 93.4 66.4 123.4

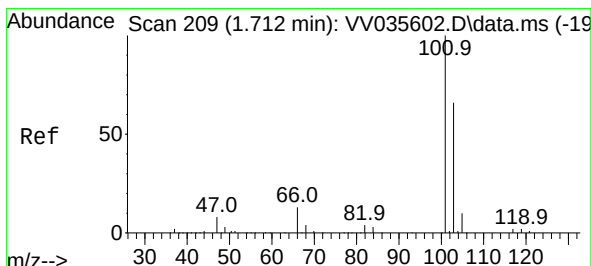
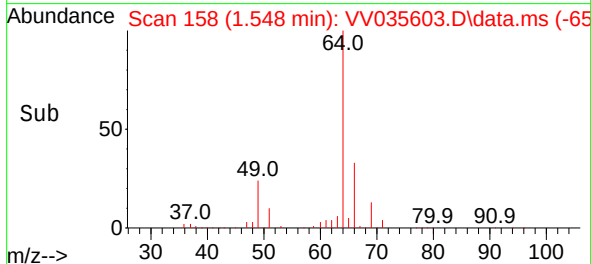
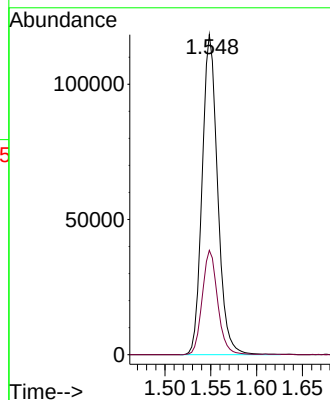
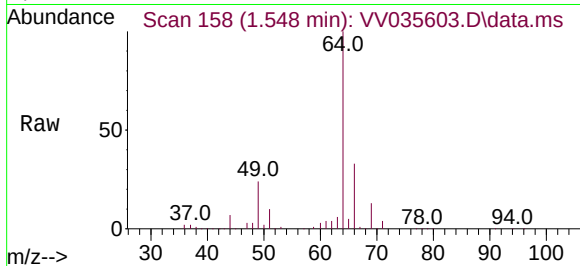




#8
Chloroethane
Concen: 8.992 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

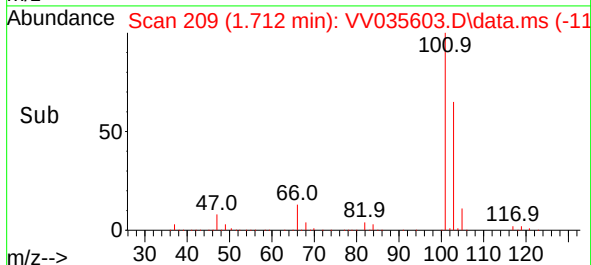
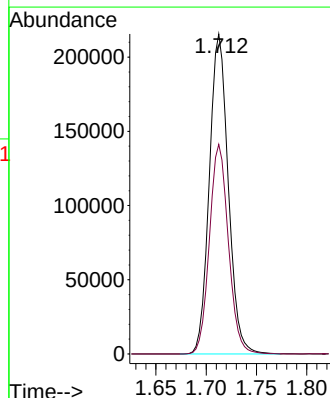
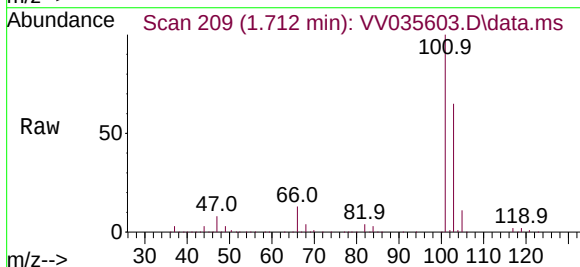
Instrument :
MSVOA_V
ClientSampleId :

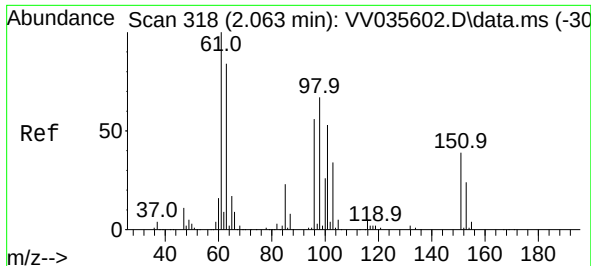
Tgt Ion: 64 Resp: 139060
Ion Ratio Lower Upper
64 100
66 32.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 9.403 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Tgt Ion:101 Resp: 282134
Ion Ratio Lower Upper
101 100
103 65.6 52.8 79.2





#10

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

Concen: 9.583 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

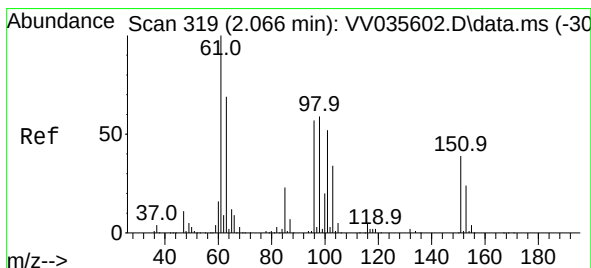
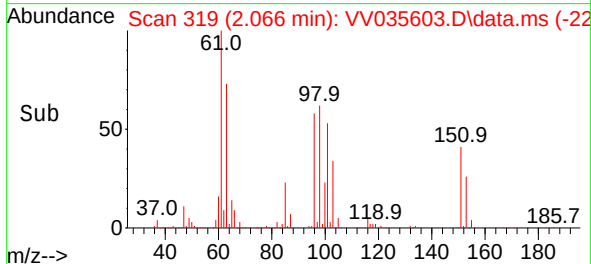
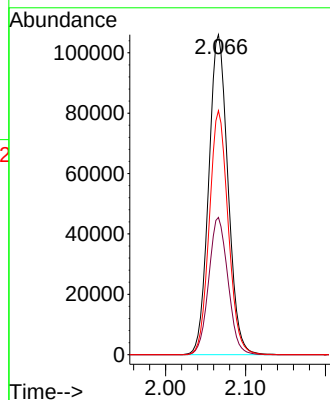
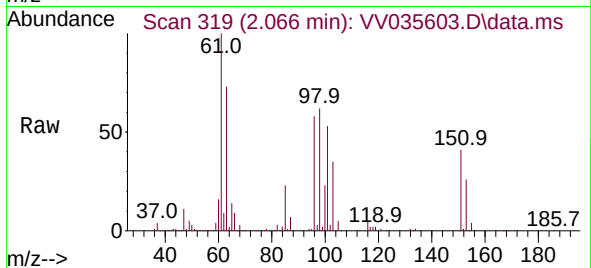
Tgt Ion:101 Resp: 177676

Ion Ratio Lower Upper

101 100

85 42.8 34.6 51.8

151 74.7 59.3 88.9



#12

1,1-Dichloroethene

Concen: 9.362 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

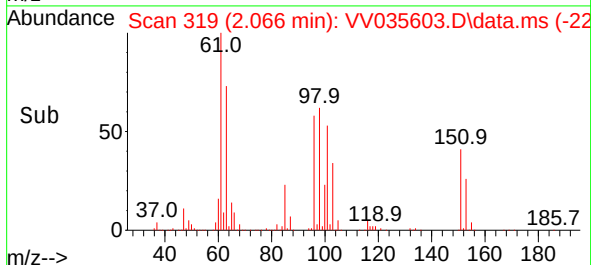
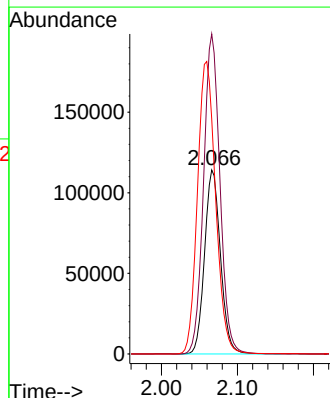
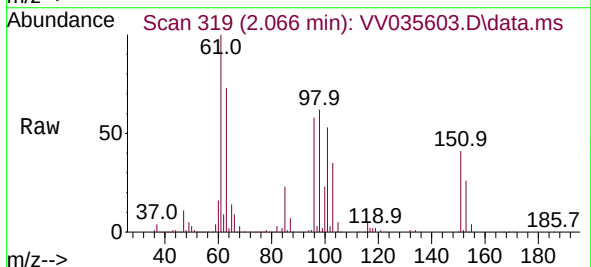
Tgt Ion: 96 Resp: 166117

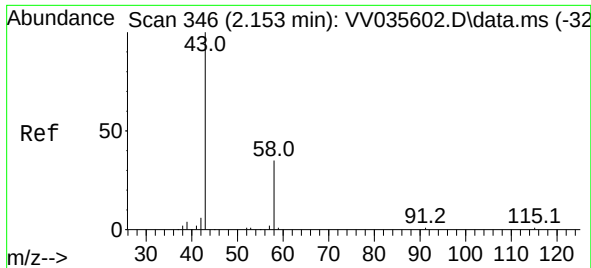
Ion Ratio Lower Upper

96 100

61 173.9 122.8 228.1

63 127.7 85.1 158.1





#13

Acetone

Concen: 119.093 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.009 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

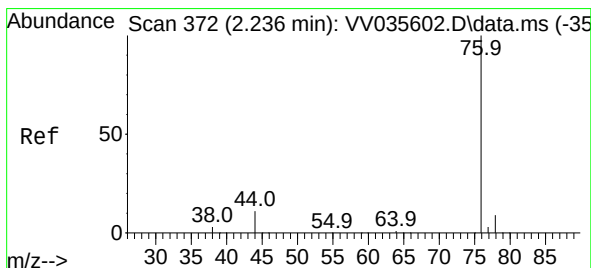
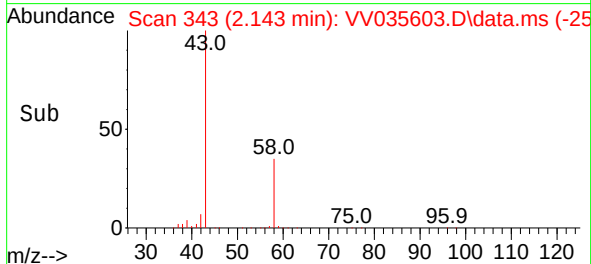
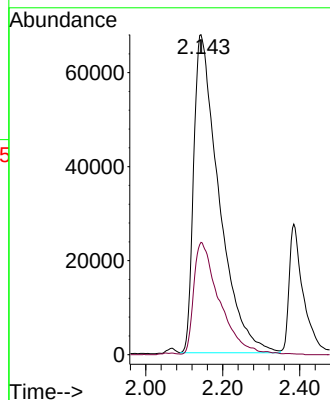
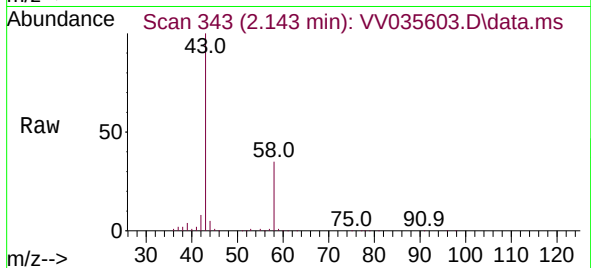
ClientSampleId :

Tgt Ion: 43 Resp: 308425

Ion Ratio Lower Upper

43 100

58 35.0 0.0 69.2



#14

Carbon disulfide

Concen: 8.730 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035603.D

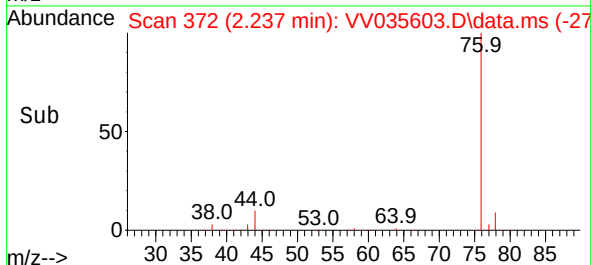
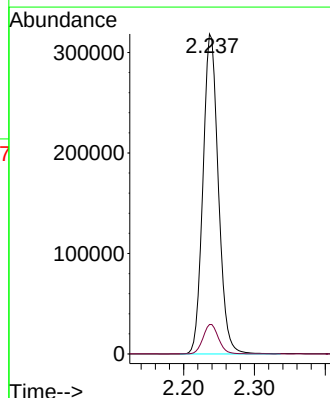
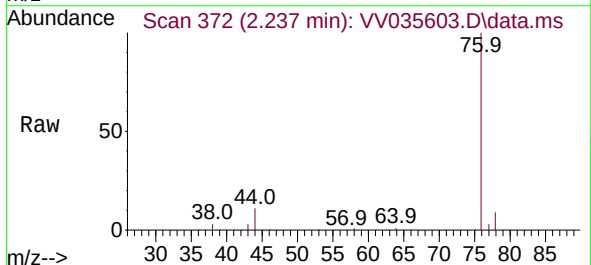
Acq: 14 May 2024 11:00

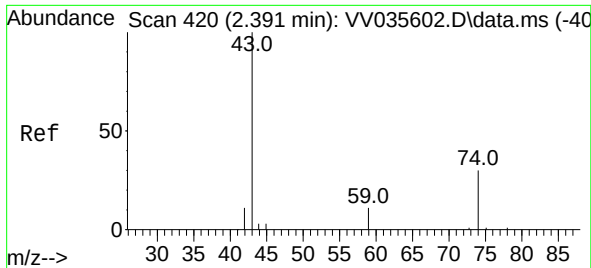
Tgt Ion: 76 Resp: 480478

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

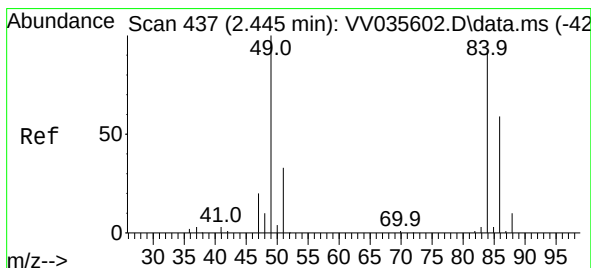
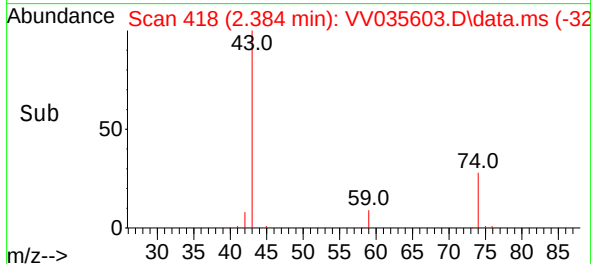
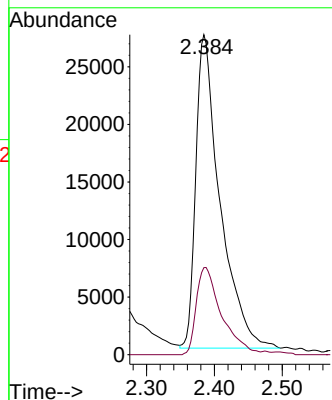
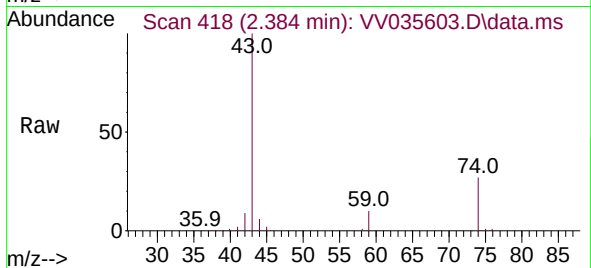




#15
Methyl Acetate
Concen: 10.139 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.006 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

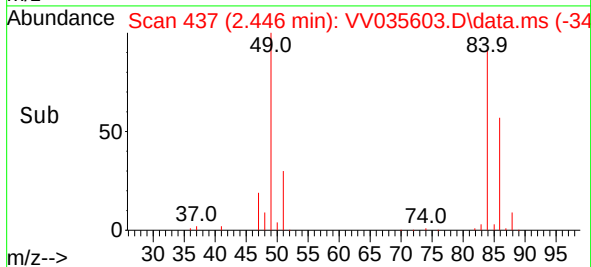
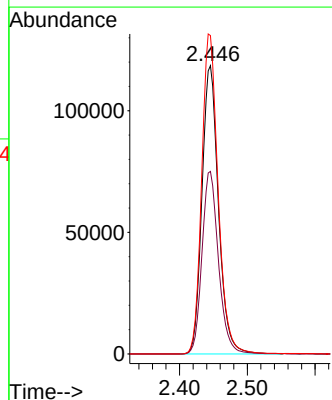
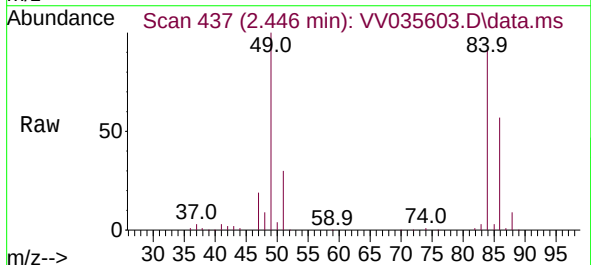
Instrument :
MSVOA_V
ClientSampleId :

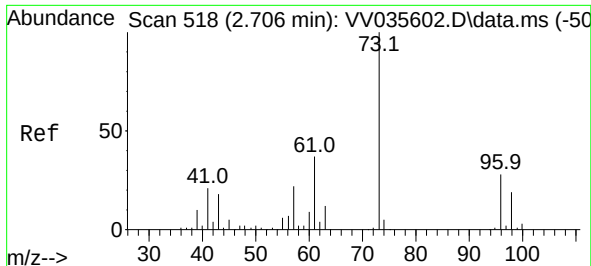
Tgt Ion: 43 Resp: 67484
Ion Ratio Lower Upper
43 100
74 29.0 23.2 34.8



#16
Methylene chloride
Concen: 8.935 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Tgt Ion: 84 Resp: 199964
Ion Ratio Lower Upper
84 100
86 63.3 44.9 83.5
49 110.5 75.8 140.8





#17

Methyl tert-butyl Ether

Concen: 10.445 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

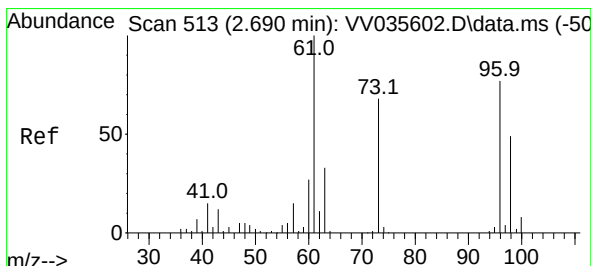
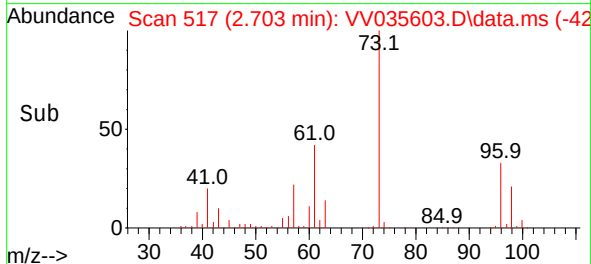
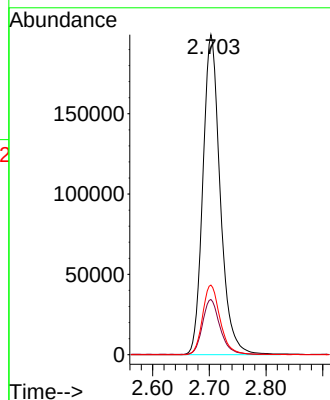
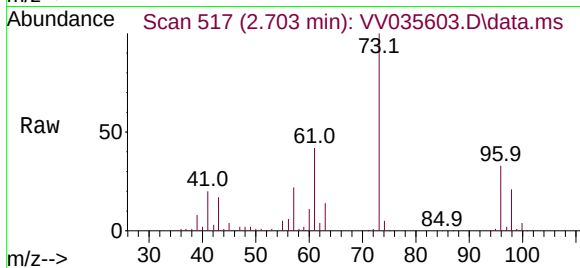
Tgt Ion: 73 Resp: 423525

Ion Ratio Lower Upper

73 100

43 17.2 13.8 20.8

57 22.1 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 9.881 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

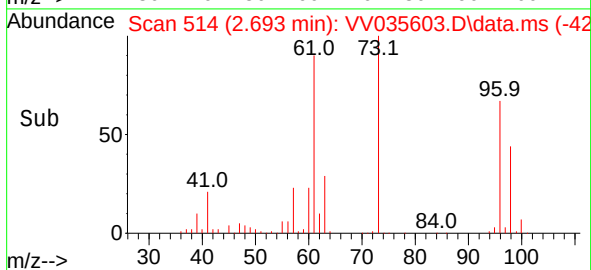
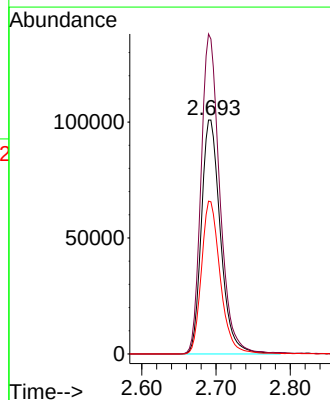
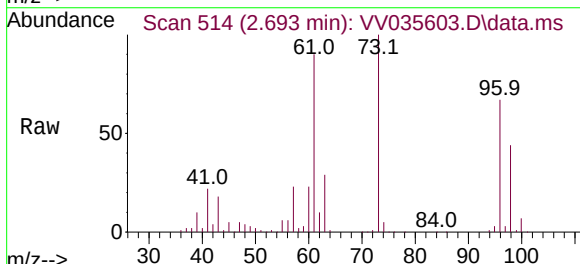
Tgt Ion: 96 Resp: 180097

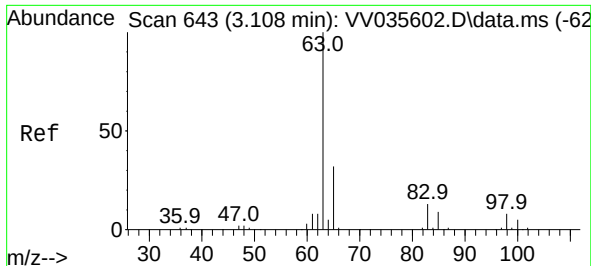
Ion Ratio Lower Upper

96 100

61 134.6 91.1 169.3

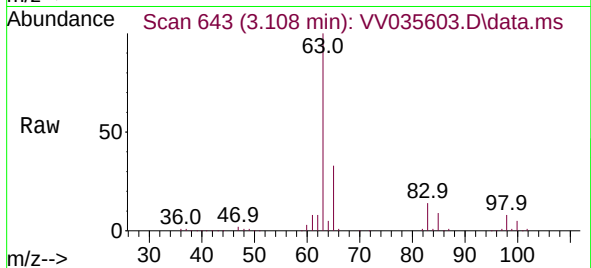
98 65.0 44.7 83.1



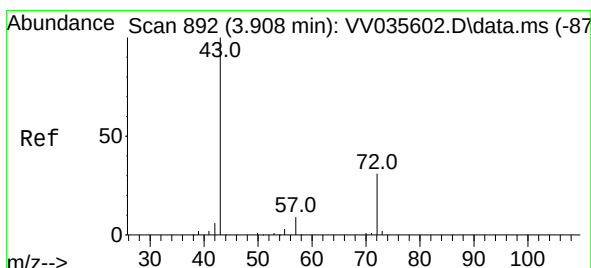
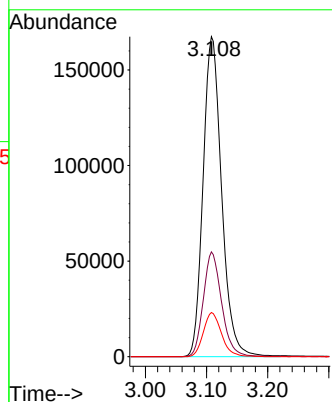
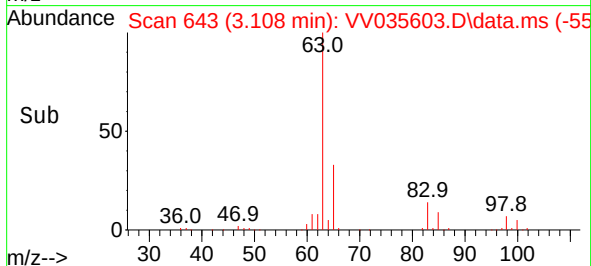


#19
1,1-Dichloroethane
Concen: 9.668 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Instrument :
MSVOA_V
ClientSampleId :

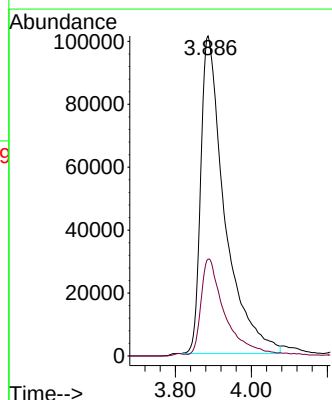
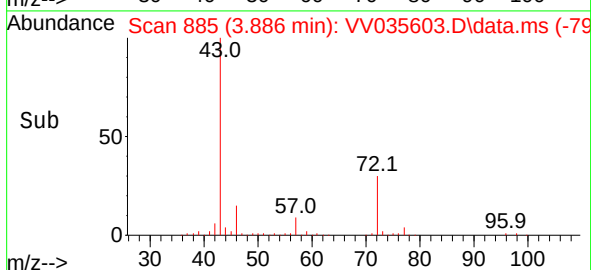
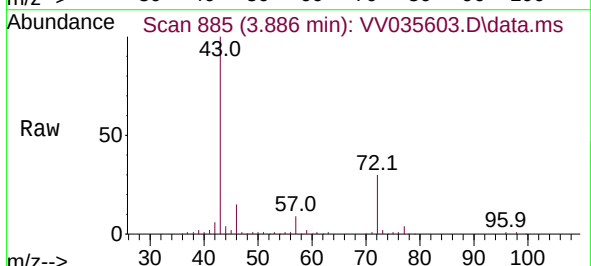


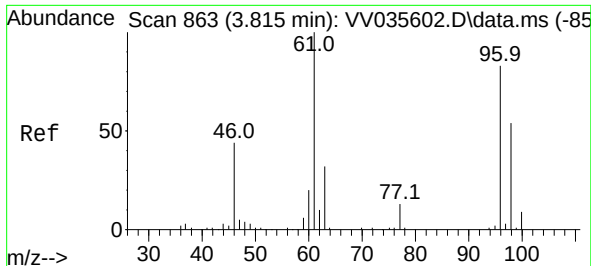
Tgt Ion: 63 Resp: 353269
Ion Ratio Lower Upper
63 100
65 32.7 22.5 41.9
83 13.8 9.2 17.0



#21
2-Butanone
Concen: 107.761 ug/L
RT: 3.886 min Scan# 885
Delta R.T. -0.022 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Tgt Ion: 43 Resp: 442339
Ion Ratio Lower Upper
43 100
72 29.5 12.0 36.1





#22

cis-1,2-Dichloroethene

Concen: 10.562 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.003 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

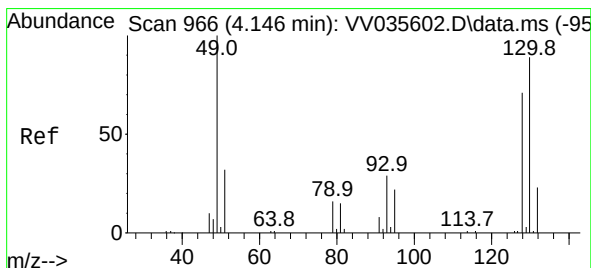
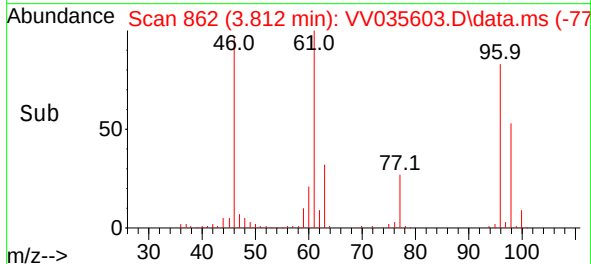
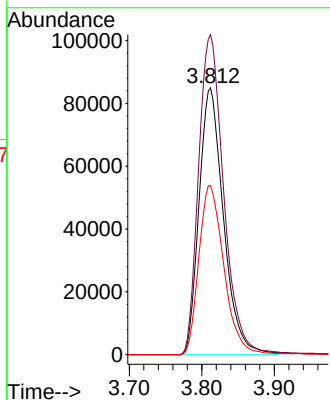
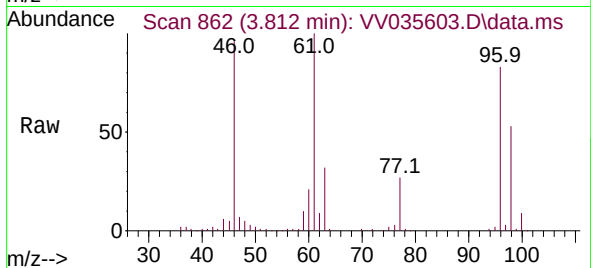
Tgt Ion: 96 Resp: 198912

Ion Ratio Lower Upper

96 100

61 119.9 84.3 156.5

98 63.3 45.6 84.6



#23

Bromochloromethane

Concen: 10.667 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.000 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Tgt Ion:128 Resp: 92590

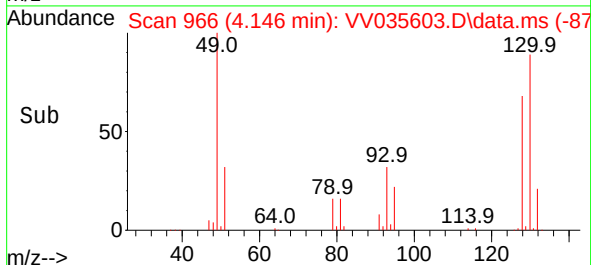
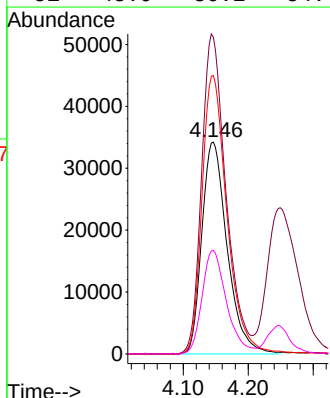
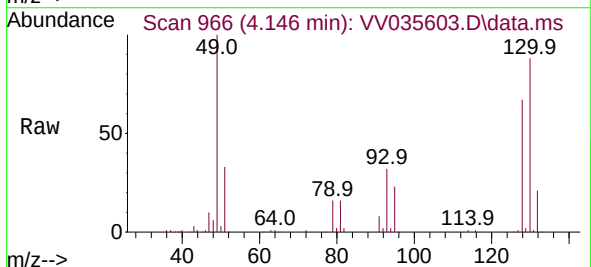
Ion Ratio Lower Upper

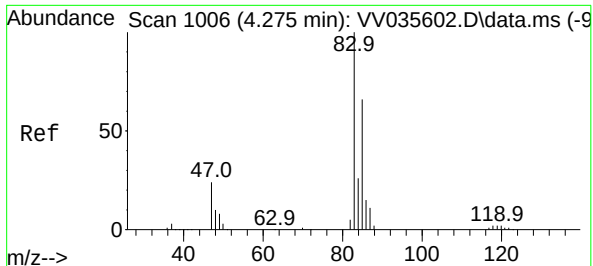
128 100

49 149.5 98.6 183.0

130 131.4 87.6 162.8

51 48.9 36.2 54.4





#25

Chloroform

Concen: 10.244 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

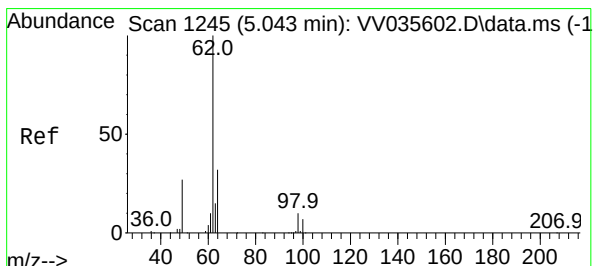
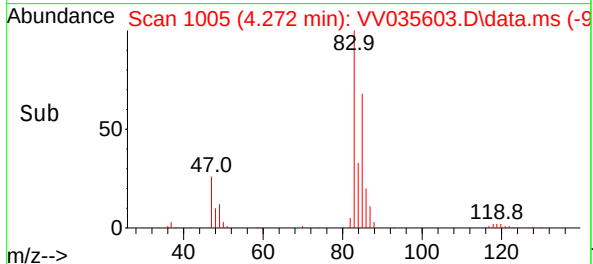
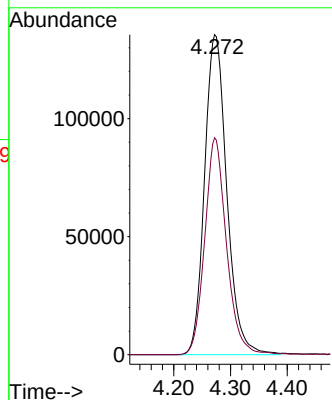
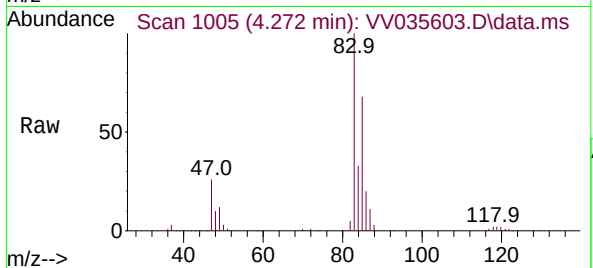
ClientSampleId :

Tgt Ion: 83 Resp: 369797

Ion Ratio Lower Upper

83 100

85 67.8 45.9 85.3



#27

1,2-Dichloroethane

Concen: 10.062 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VV035603.D

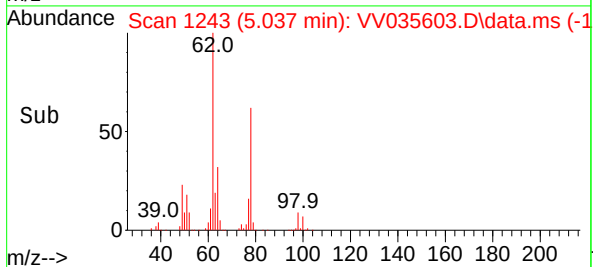
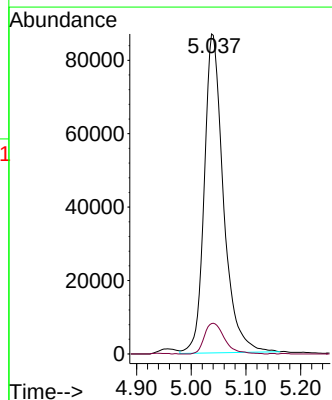
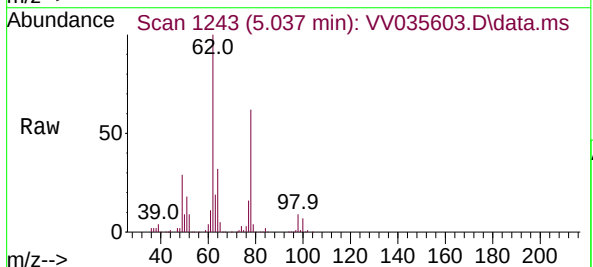
Acq: 14 May 2024 11:00

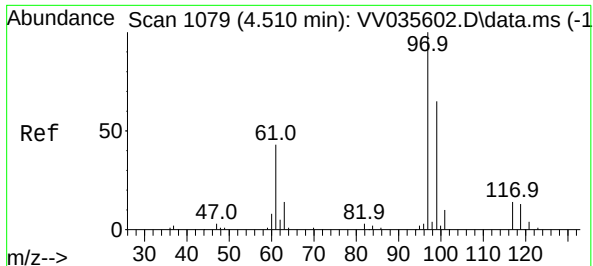
Tgt Ion: 62 Resp: 211403

Ion Ratio Lower Upper

62 100

98 9.5 8.2 12.4

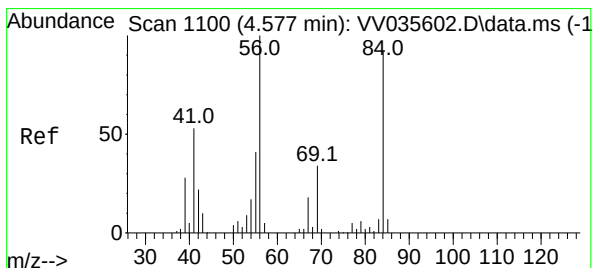
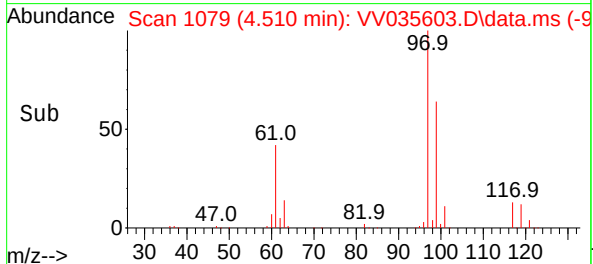
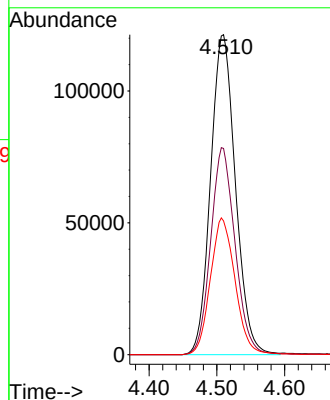
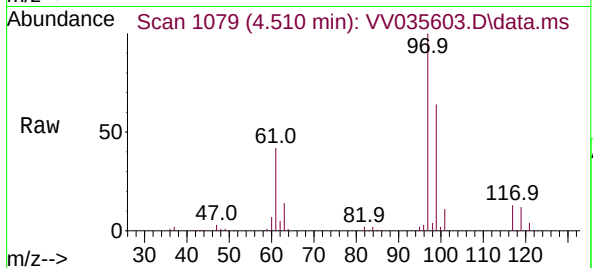




#29
1,1,1-Trichloroethane
Concen: 10.126 ug/L
RT: 4.510 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

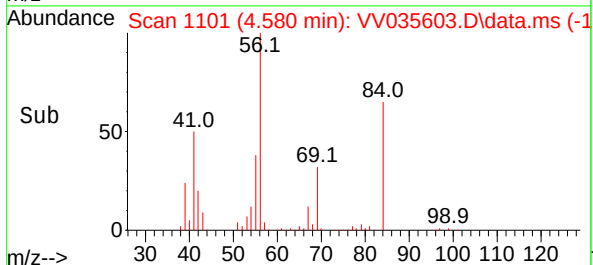
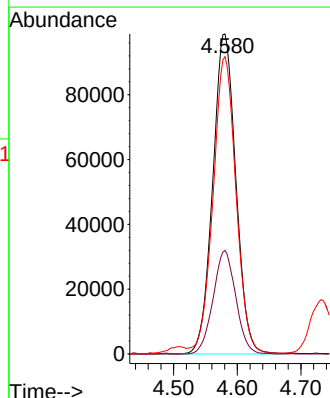
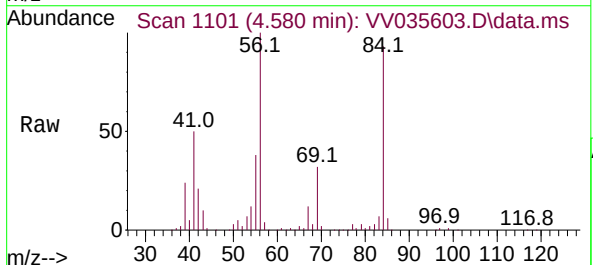
Instrument :
MSVOA_V
ClientSampleId :

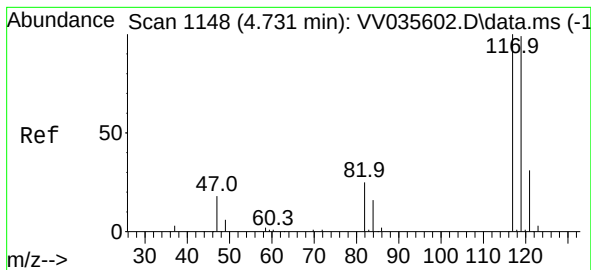
Tgt Ion: 97 Resp: 309343
Ion Ratio Lower Upper
97 100
99 63.6 52.4 78.6
61 42.5 33.9 50.9



#30
Cyclohexane
Concen: 9.025 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Tgt Ion: 56 Resp: 249053
Ion Ratio Lower Upper
56 100
69 31.8 26.4 39.6
84 91.8 75.0 112.6





#31

Carbon tetrachloride

Concen: 10.270 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

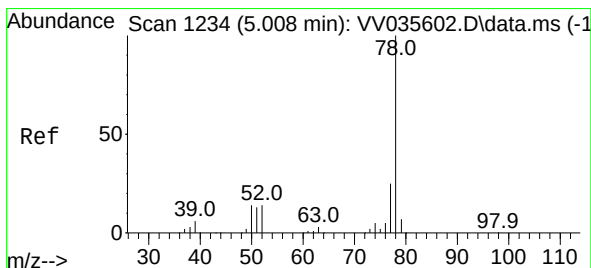
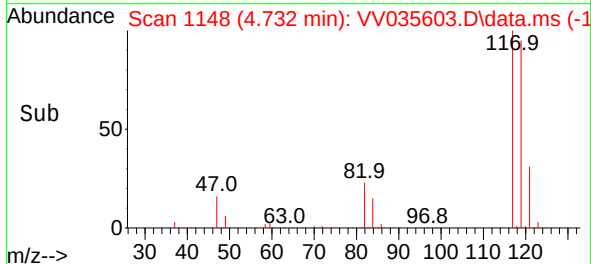
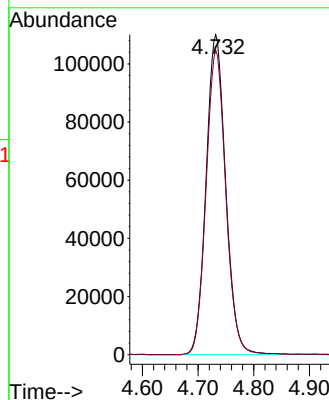
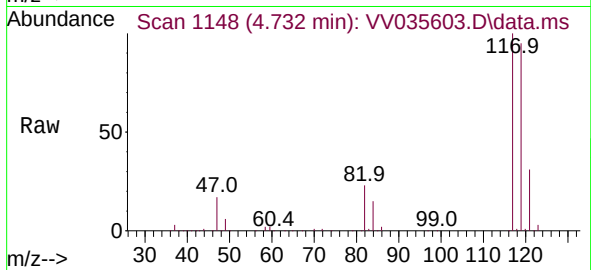
ClientSampleId :

Tgt Ion:117 Resp: 269548

Ion Ratio Lower Upper

117 100

119 95.3 77.2 115.8



#33

Benzene

Concen: 10.084 ug/L

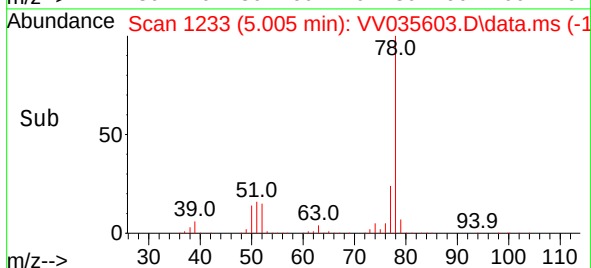
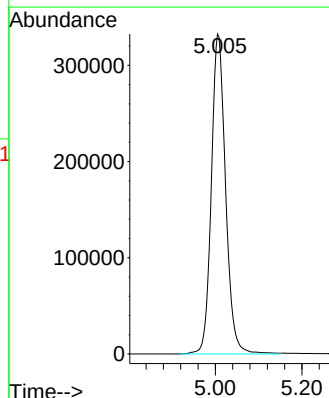
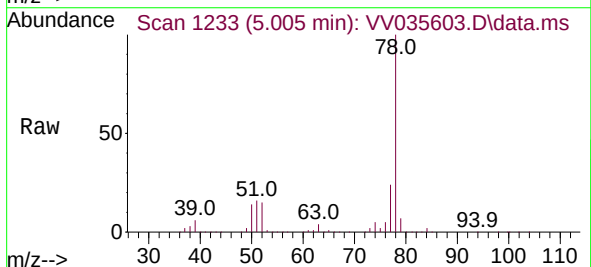
RT: 5.005 min Scan# 1233

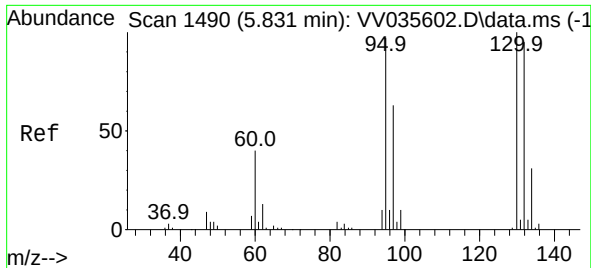
Delta R.T. -0.003 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Tgt Ion: 78 Resp: 760628

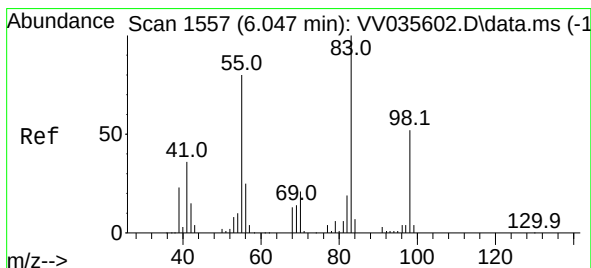
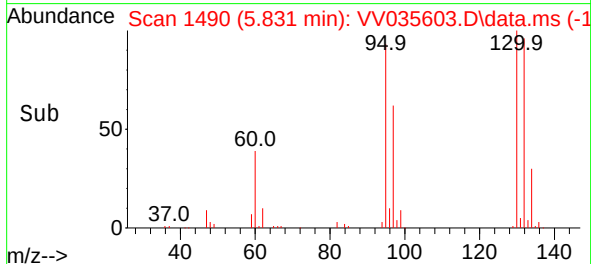
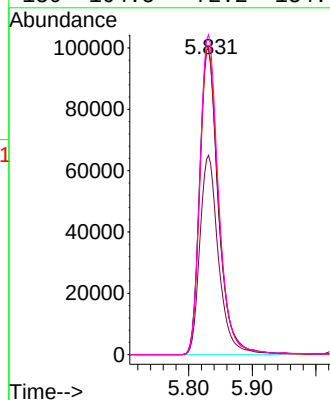
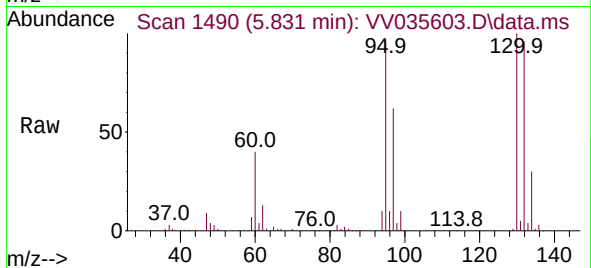




#34
Trichloroethene
Concen: 10.234 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

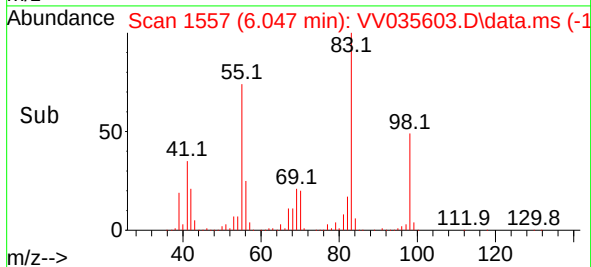
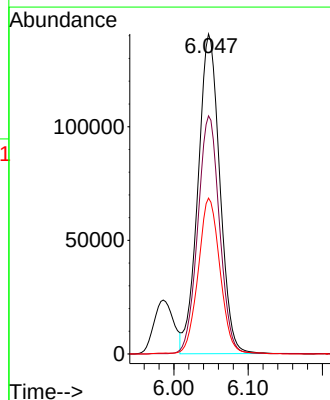
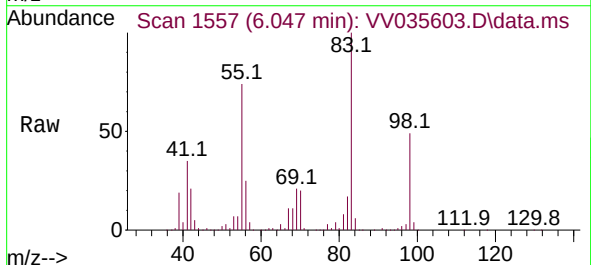
Instrument :
MSVOA_V
ClientSampleId :

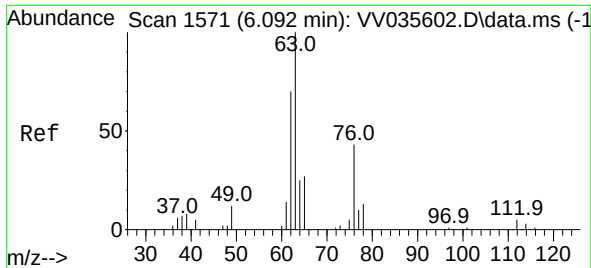
Tgt Ion: 95 Resp: 204700
Ion Ratio Lower Upper
95 100
97 65.1 45.2 84.0
132 100.8 68.7 127.7
130 104.5 72.2 134.0



#35
Methylcyclohexane
Concen: 9.884 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Tgt Ion: 83 Resp: 287204
Ion Ratio Lower Upper
83 100
55 73.9 60.7 91.1
98 48.5 38.4 57.6





#37

1,2-Dichloropropane

Concen: 10.333 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

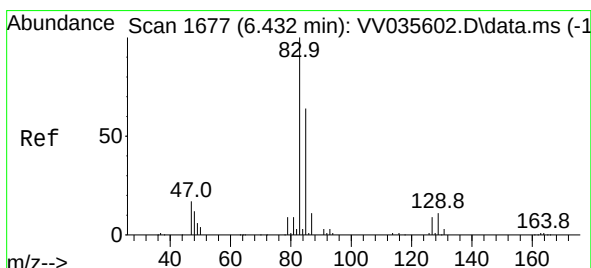
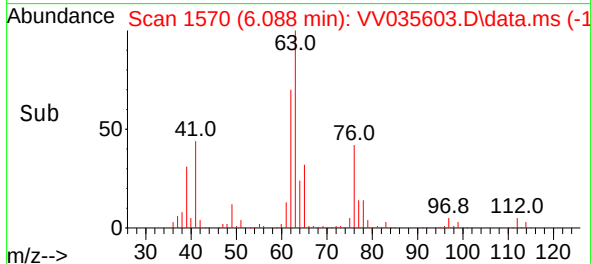
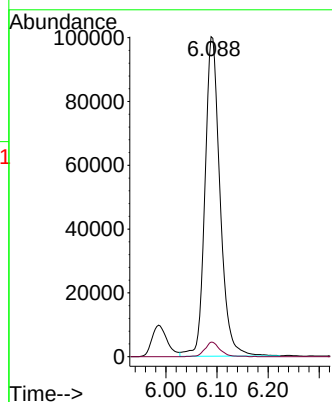
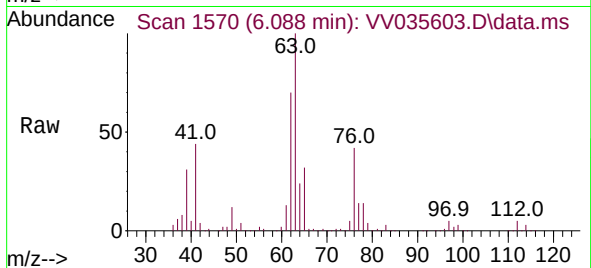
ClientSampleId :

Tgt Ion: 63 Resp: 205470

Ion Ratio Lower Upper

63 100

112 4.7 3.9 5.9



#38

Bromodichloromethane

Concen: 10.487 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.003 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

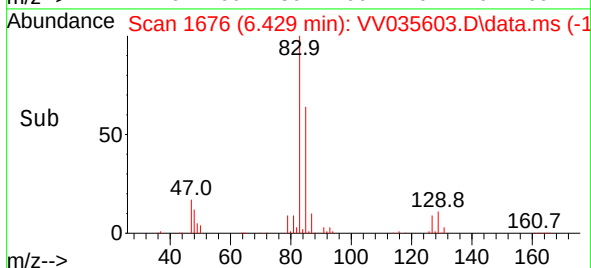
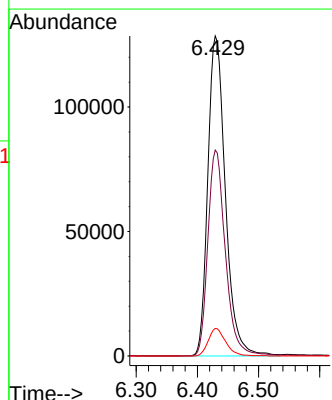
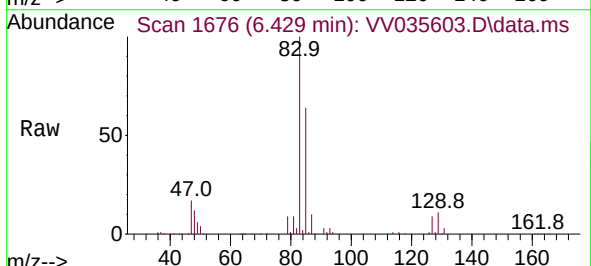
Tgt Ion: 83 Resp: 257614

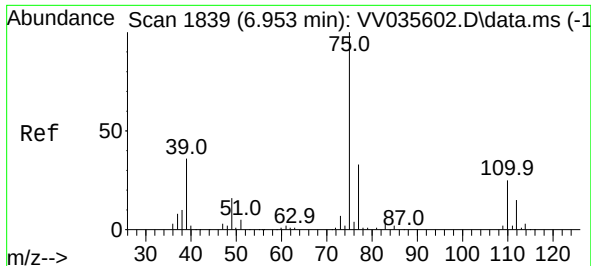
Ion Ratio Lower Upper

83 100

85 64.4 44.6 82.8

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 10.930 ug/L

RT: 6.950 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

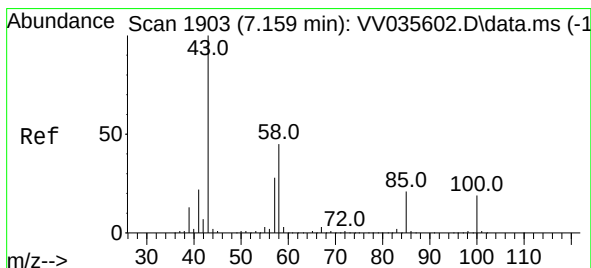
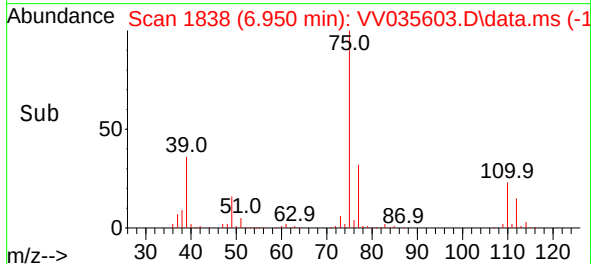
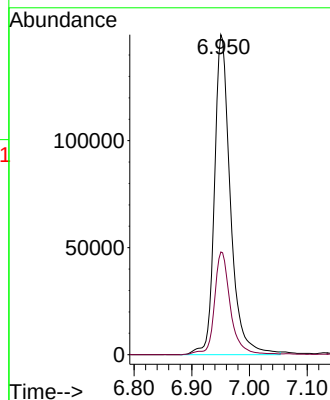
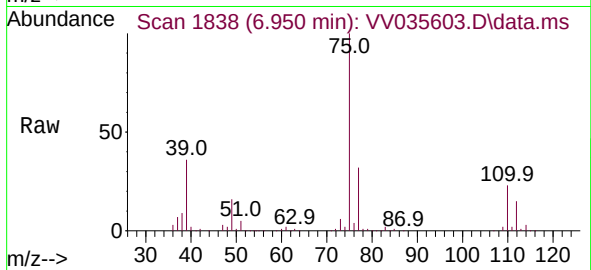
ClientSampleId :

Tgt Ion: 75 Resp: 286750

Ion Ratio Lower Upper

75 100

77 32.1 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 101.602 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

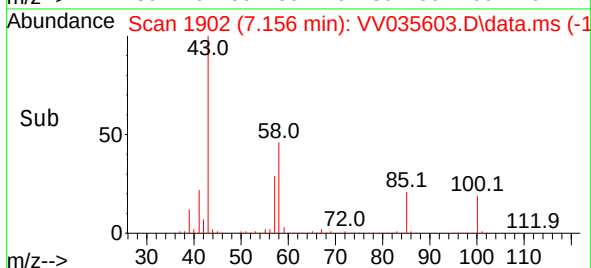
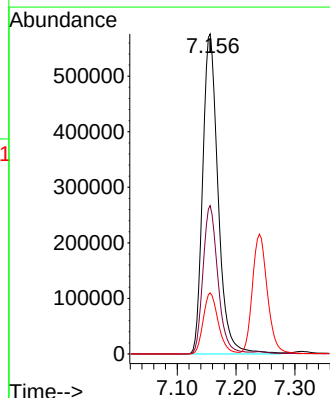
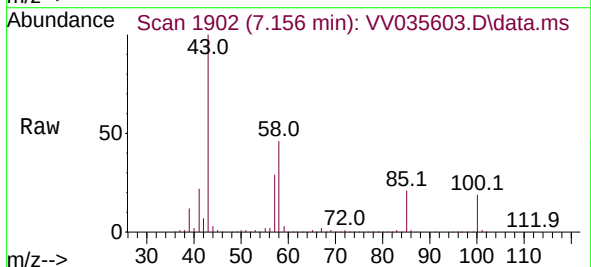
Tgt Ion: 43 Resp: 1047465

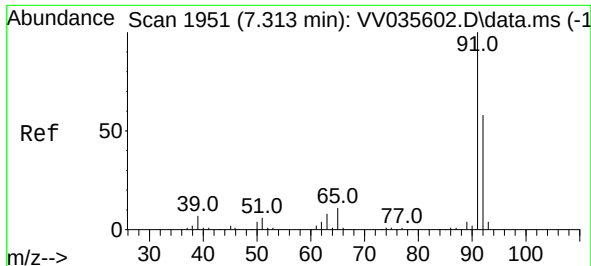
Ion Ratio Lower Upper

43 100

58 45.0 35.8 53.6

100 18.6 14.1 21.1





#42

Toluene

Concen: 10.534 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

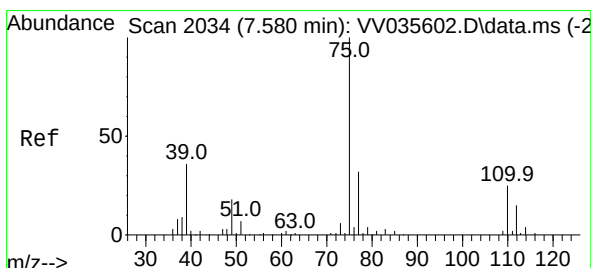
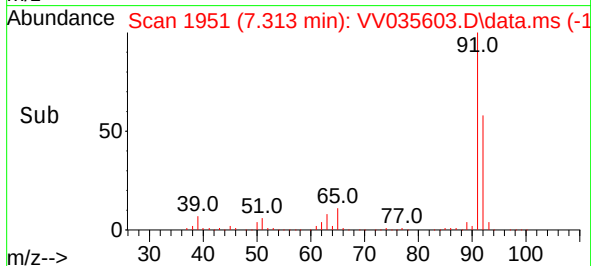
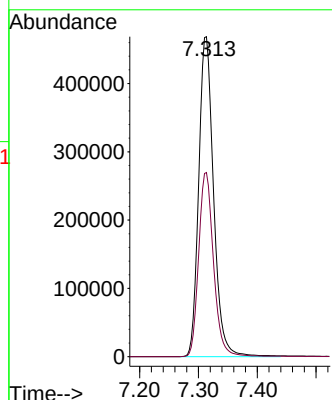
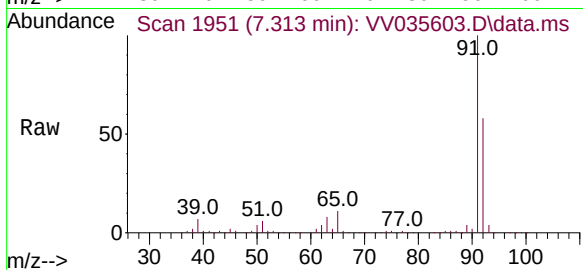
ClientSampleId :

Tgt Ion: 91 Resp: 824865

Ion Ratio Lower Upper

91 100

92 57.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 11.240 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV035603.D

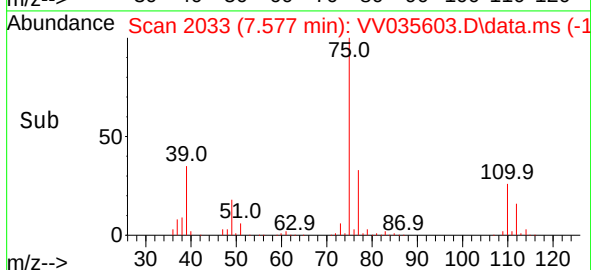
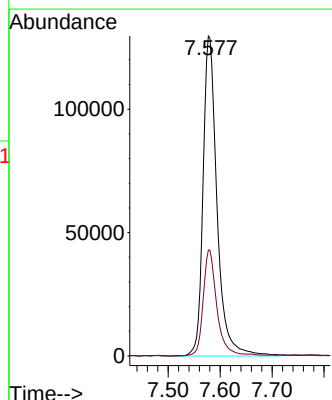
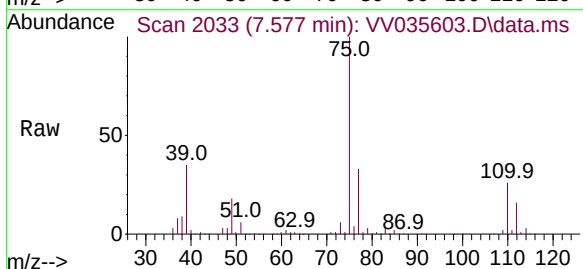
Acq: 14 May 2024 11:00

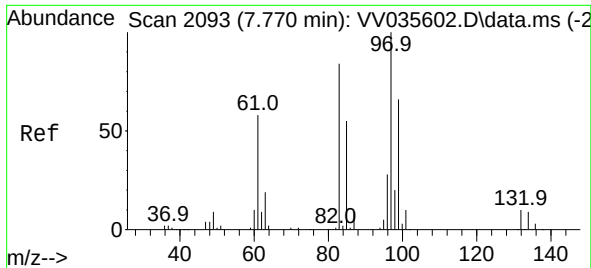
Tgt Ion: 75 Resp: 242241

Ion Ratio Lower Upper

75 100

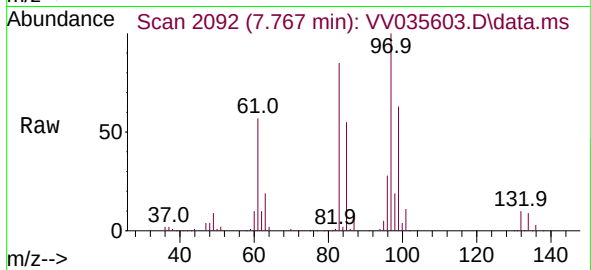
77 33.1 22.4 41.6



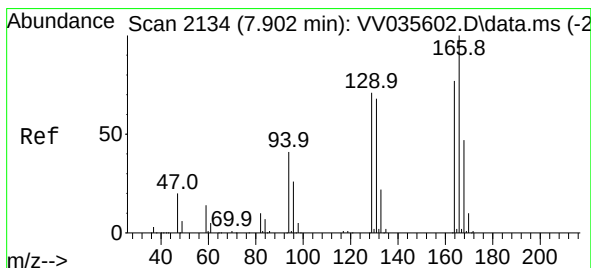
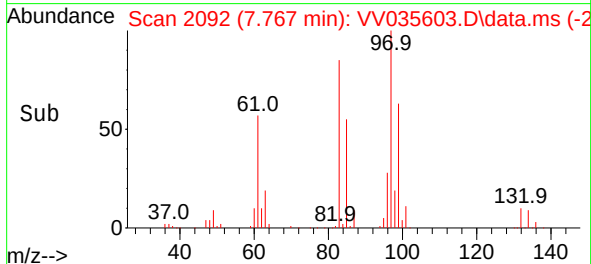
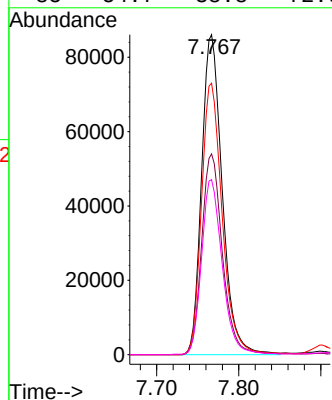


#45
1,1,2-Trichloroethane
Concen: 10.641 ug/L
RT: 7.767 min Scan# 2093
Delta R.T. -0.003 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Instrument :
MSVOA_V
ClientSampleId :

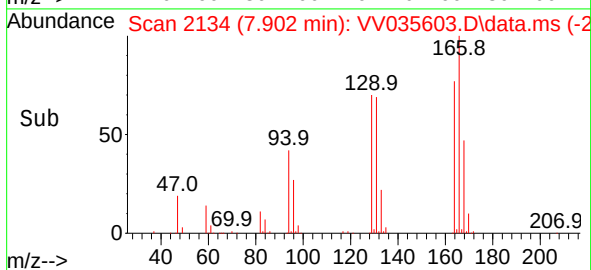
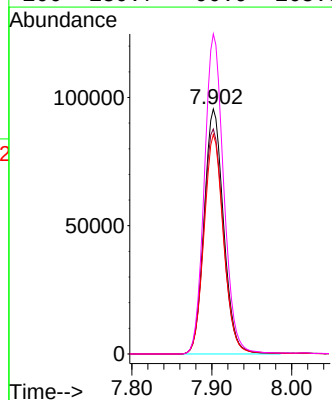
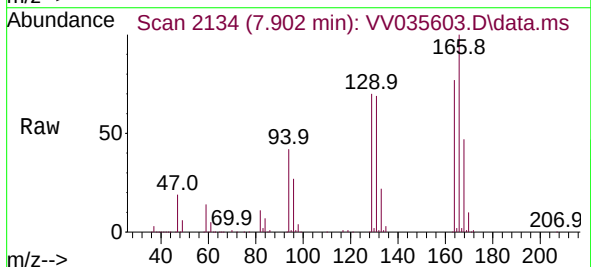


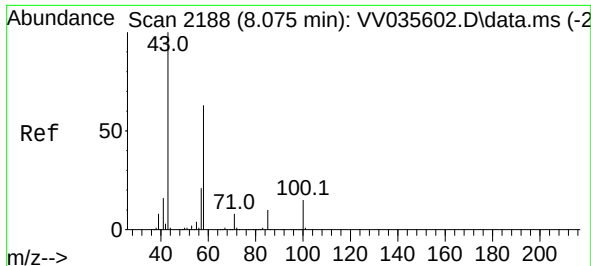
Tgt Ion:	97	Resp:	150538
Ion Ratio	100	Lower	Upper
97	100		
99	62.8	46.1	85.5
83	84.9	59.0	109.6
85	54.7	38.8	72.0



#47
Tetrachloroethene
Concen: 10.189 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

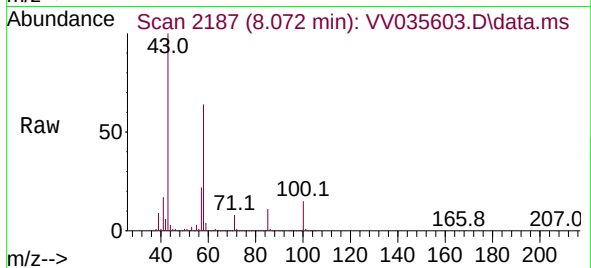
Tgt Ion:	164	Resp:	162117
Ion Ratio	100	Lower	Upper
164	100		
129	91.9	64.9	120.5
131	89.6	61.8	114.8
166	130.7	90.9	168.9





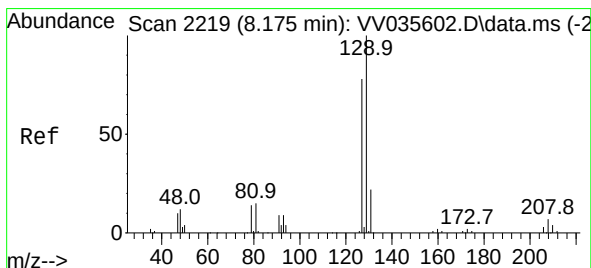
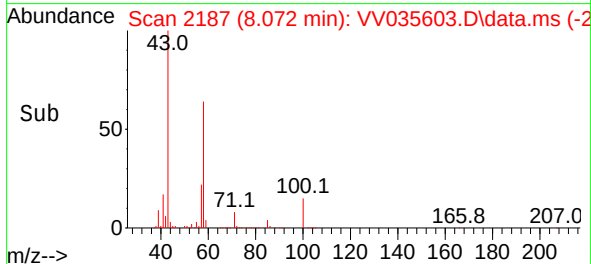
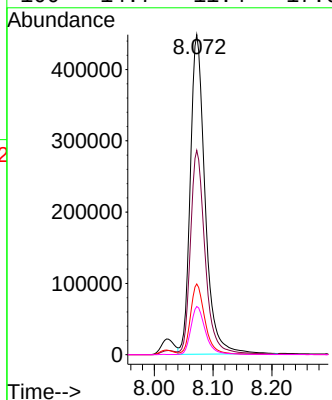
#48
2-Hexanone
Concen: 102.558 ug/L
RT: 8.072 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 782987

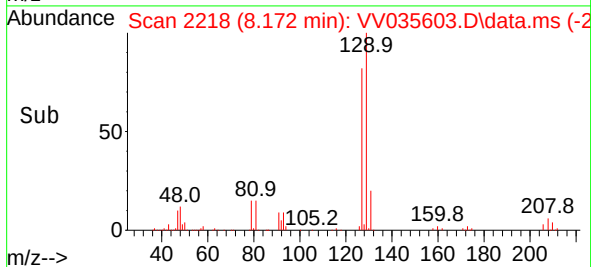
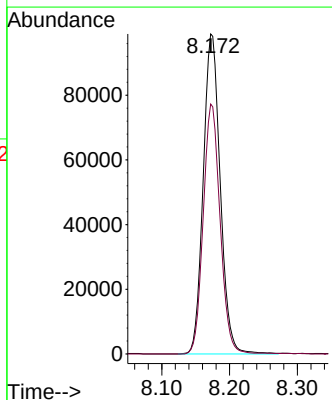
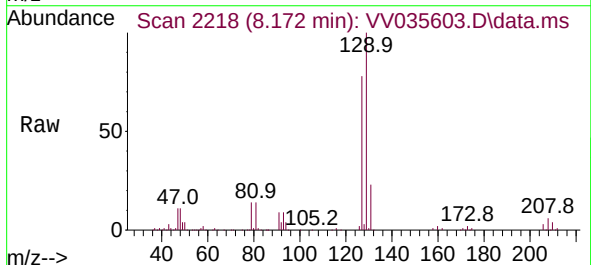
Ion	Ratio	Lower	Upper
43	100		
58	63.4	49.1	73.7
57	21.8	16.8	25.2
100	14.7	11.4	17.0

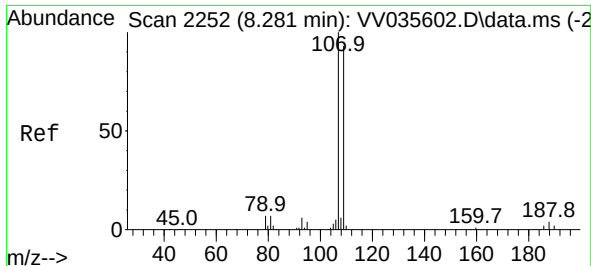


#49
Dibromochloromethane
Concen: 11.600 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Tgt Ion: 129 Resp: 172627

Ion	Ratio	Lower	Upper
129	100		
127	78.1	54.3	100.8

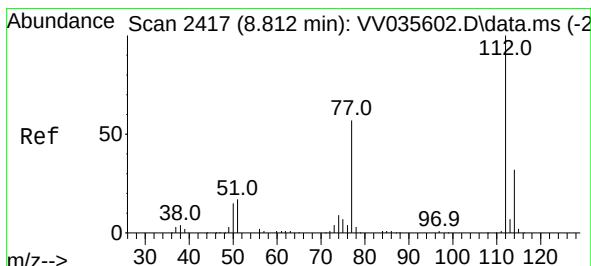
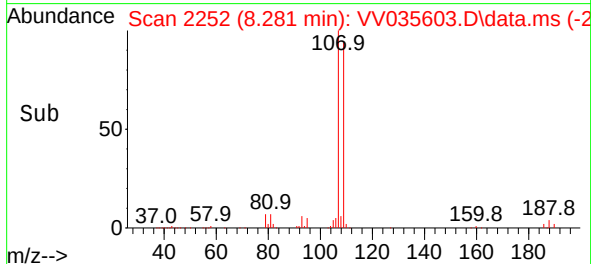
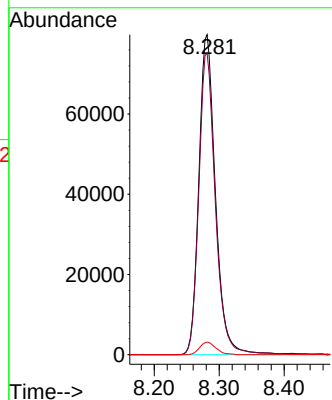
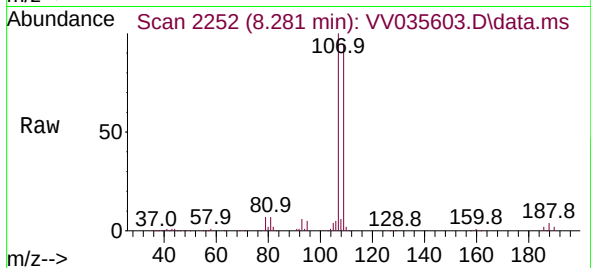




#50
1,2-Dibromoethane
Concen: 10.689 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

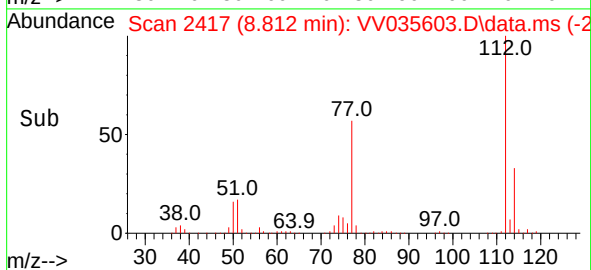
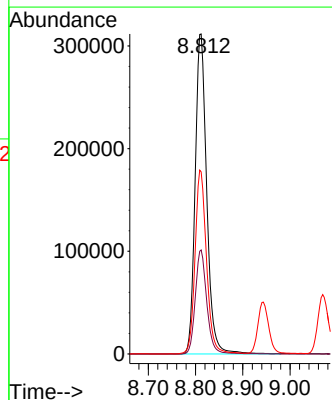
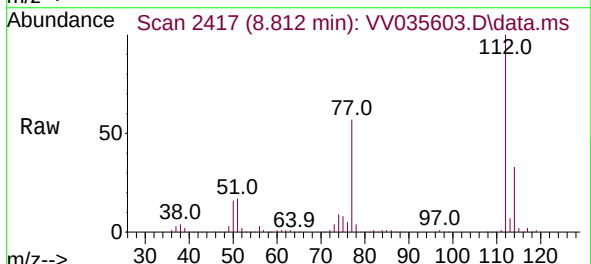
Instrument :
MSVOA_V
ClientSampleId :

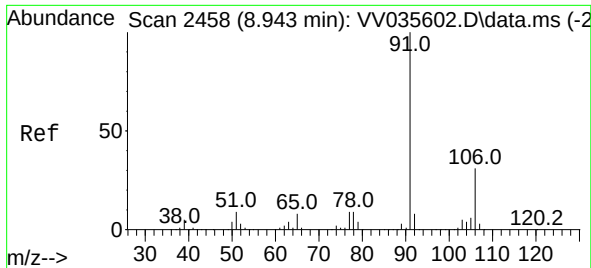
Tgt Ion:107 Resp: 142007
Ion Ratio Lower Upper
107 100
109 94.4 65.2 121.0
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 10.329 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Tgt Ion:112 Resp: 529934
Ion Ratio Lower Upper
112 100
114 32.5 22.2 41.2
77 56.9 45.6 68.4





#52

Ethylbenzene

Concen: 10.545 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

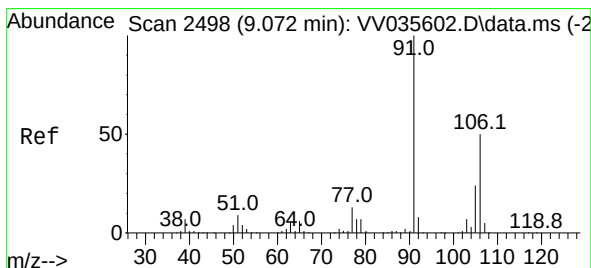
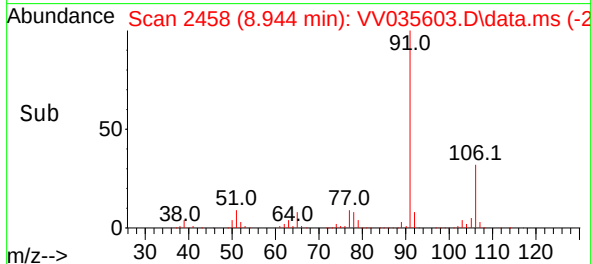
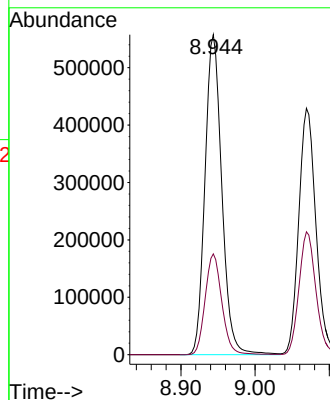
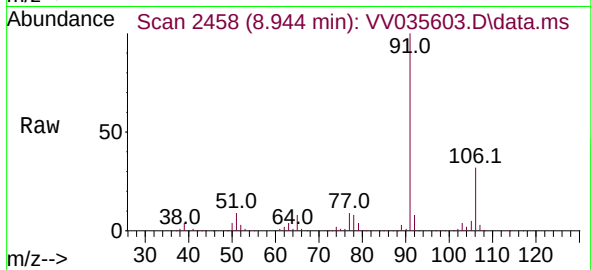
ClientSampleId :

Tgt Ion: 91 Resp: 874932

Ion Ratio Lower Upper

91 100

106 31.5 21.5 39.9



#53

m,p-Xylene

Concen: 11.010 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.003 min

Lab File: VV035603.D

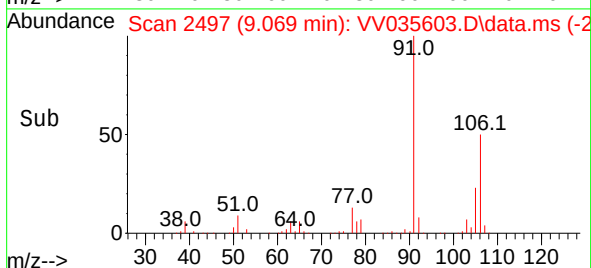
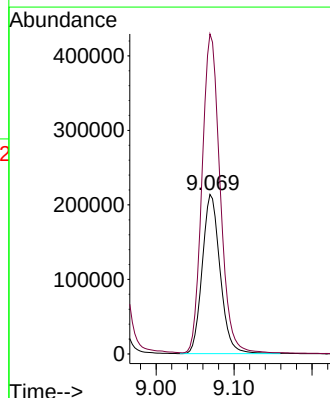
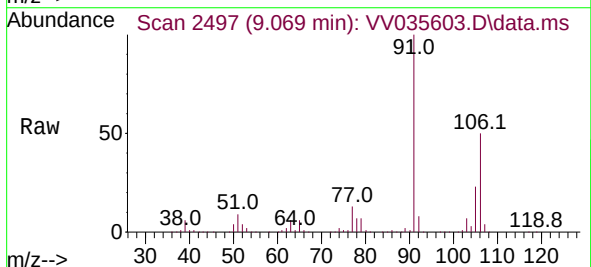
Acq: 14 May 2024 11:00

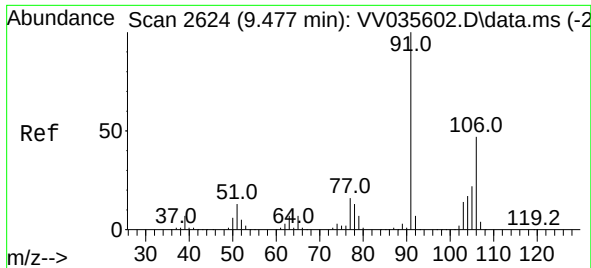
Tgt Ion:106 Resp: 339955

Ion Ratio Lower Upper

106 100

91 200.6 141.3 262.3

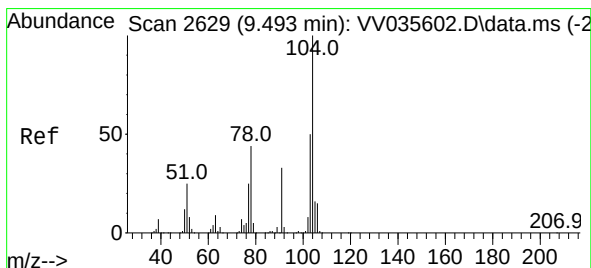
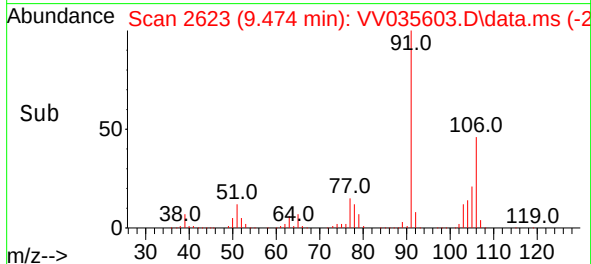
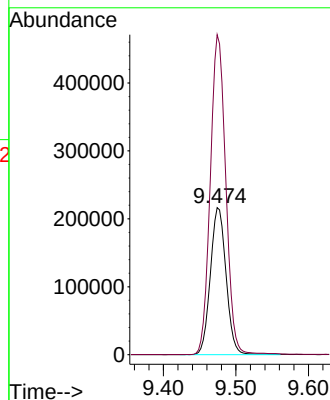
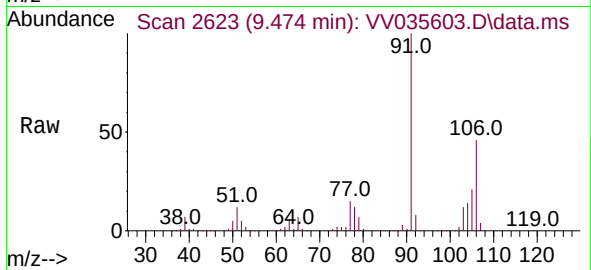




#54
o-Xylene
Concen: 10.935 ug/L
RT: 9.474 min Scan# 2624
Delta R.T. -0.003 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

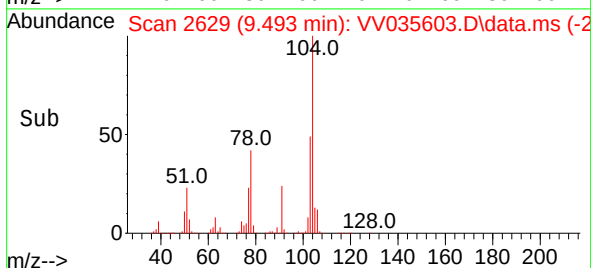
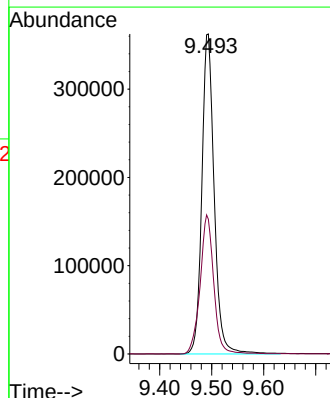
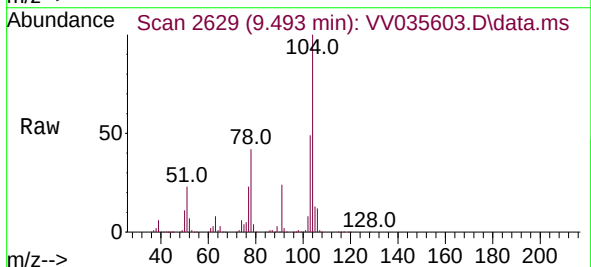
Instrument :
MSVOA_V
ClientSampleId :

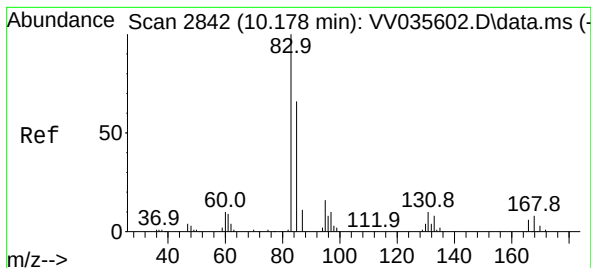
Tgt Ion:106 Resp: 325396
Ion Ratio Lower Upper
106 100
91 217.7 148.6 276.0



#55
Styrene
Concen: 11.885 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Tgt Ion:104 Resp: 597849
Ion Ratio Lower Upper
104 100
78 42.1 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 9.662 ug/L

RT: 10.175 min Scan# 2842

Delta R.T. -0.003 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

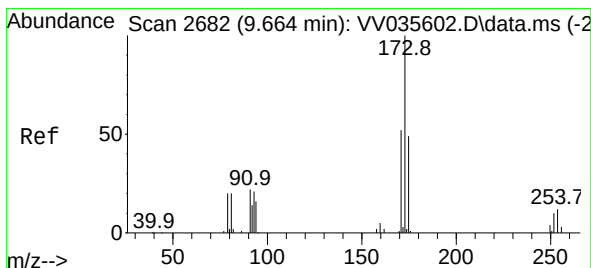
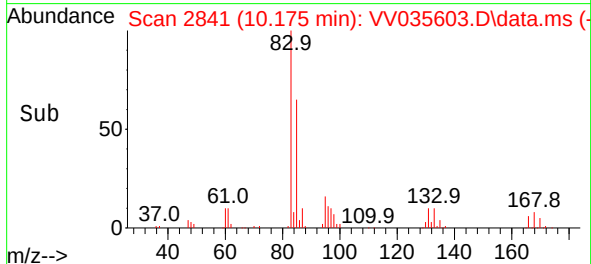
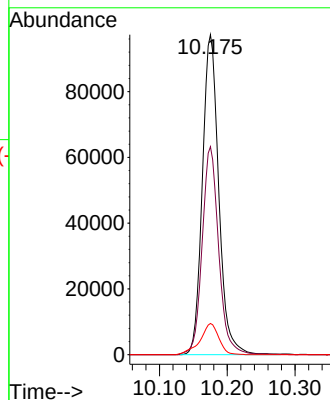
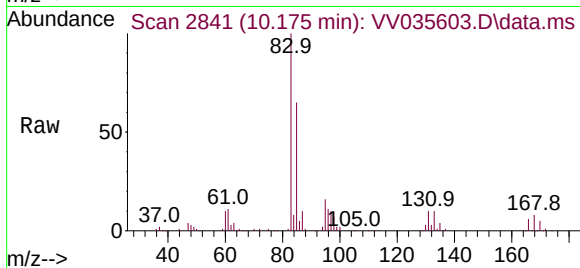
Tgt Ion: 83 Resp: 163189

Ion Ratio Lower Upper

83 100

85 65.0 46.1 85.7

131 9.8 8.2 12.2



#59

Bromoform

Concen: 11.769 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

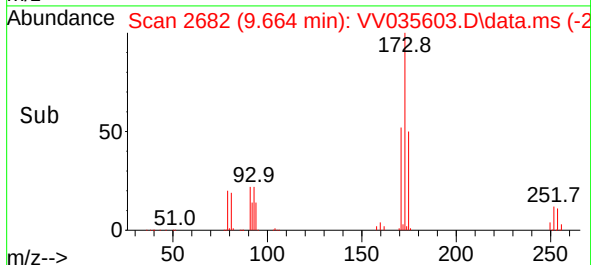
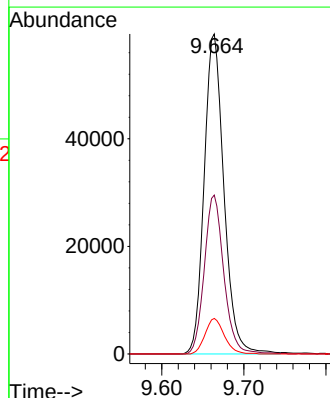
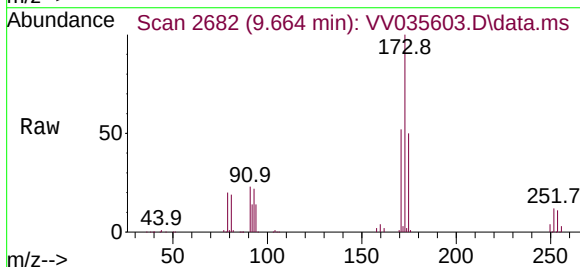
Tgt Ion:173 Resp: 99627

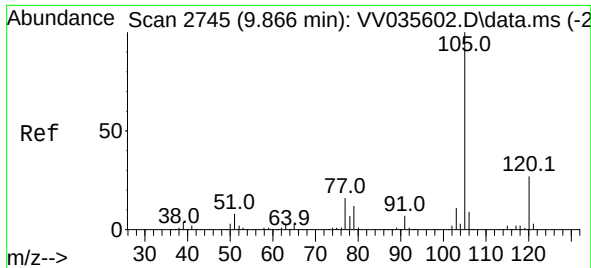
Ion Ratio Lower Upper

173 100

175 49.1 38.0 57.0

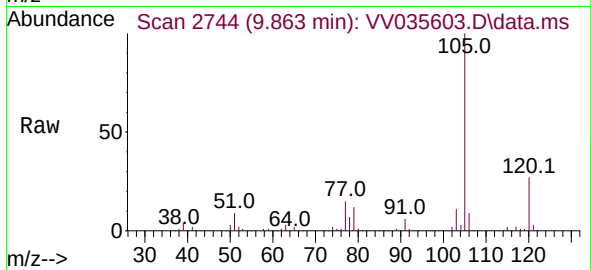
254 10.8 8.6 13.0



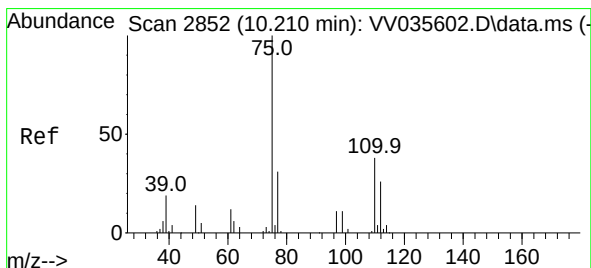
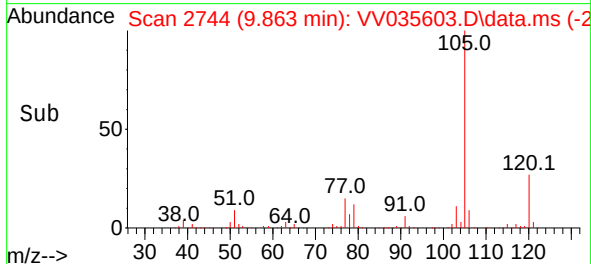
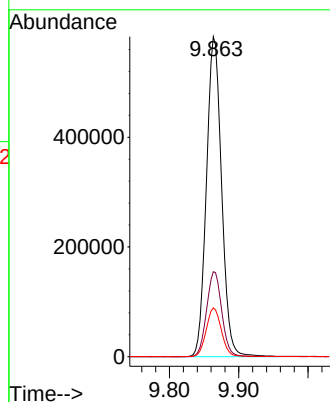


#60
Isopropylbenzene
Concen: 10.322 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Instrument :
MSVOA_V
ClientSampleId :

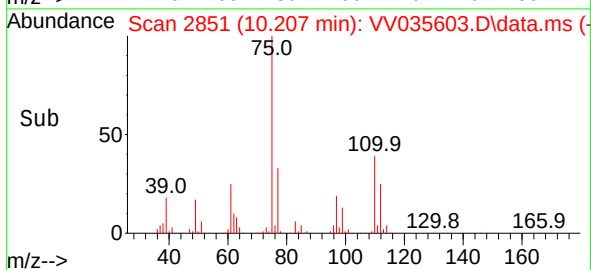
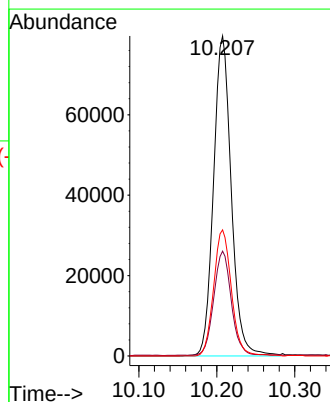
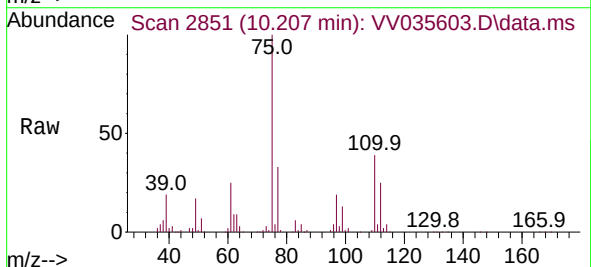


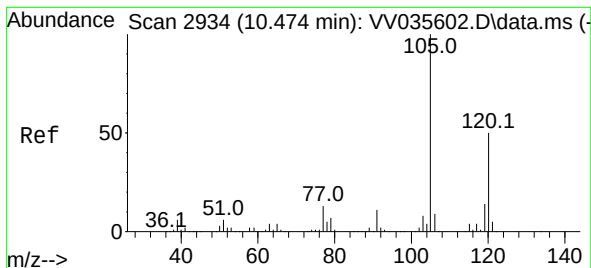
Tgt Ion:105 Resp: 883843
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.2
77 15.2 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 9.294 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Tgt Ion: 75 Resp: 126182
Ion Ratio Lower Upper
75 100
77 31.9 24.2 36.2
110 39.4 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 10.506 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

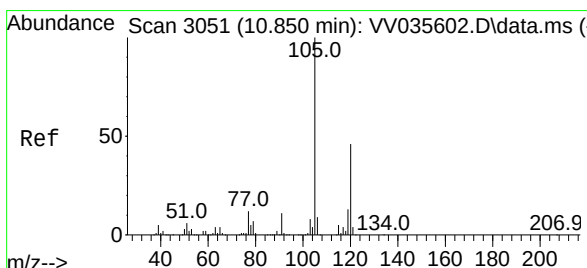
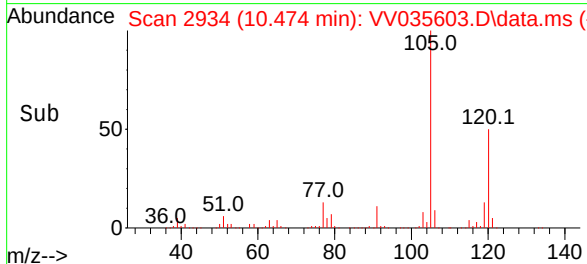
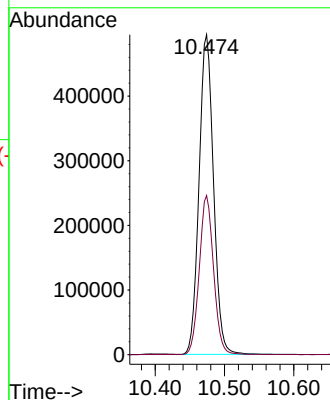
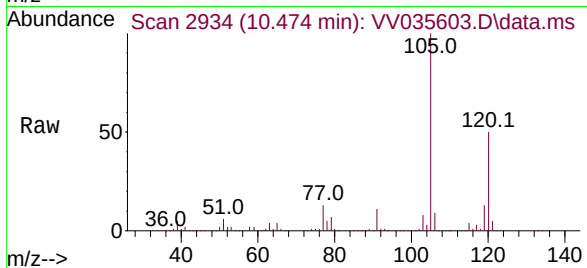
ClientSampleId :

Tgt Ion:105 Resp: 719837

Ion Ratio Lower Upper

105 100

120 49.1 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 10.732 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VV035603.D

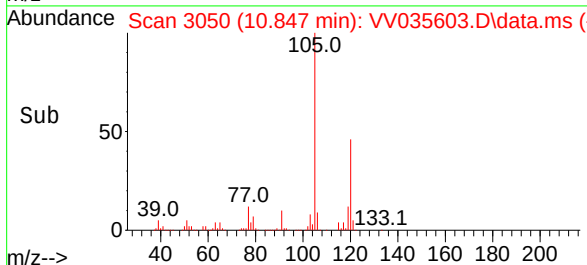
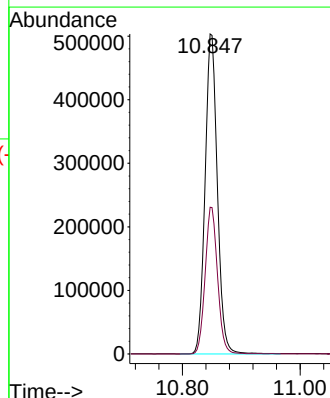
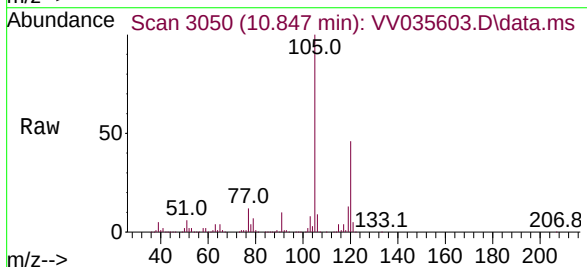
Acq: 14 May 2024 11:00

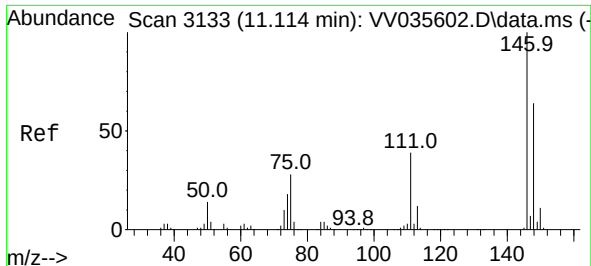
Tgt Ion:105 Resp: 727767

Ion Ratio Lower Upper

105 100

120 46.3 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 10.175 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

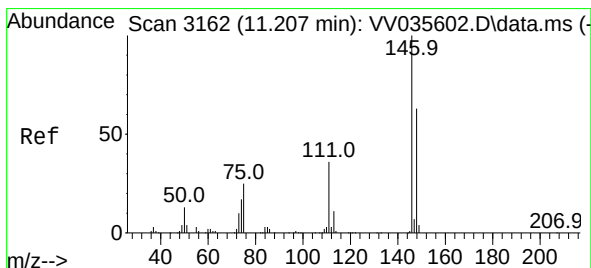
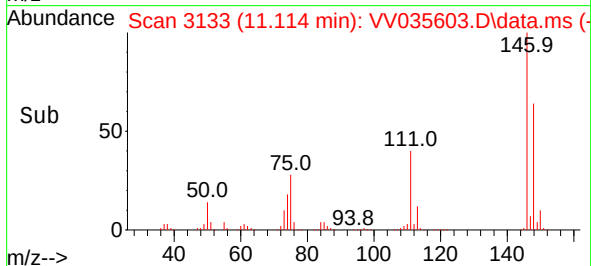
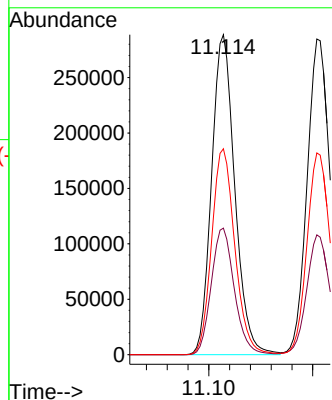
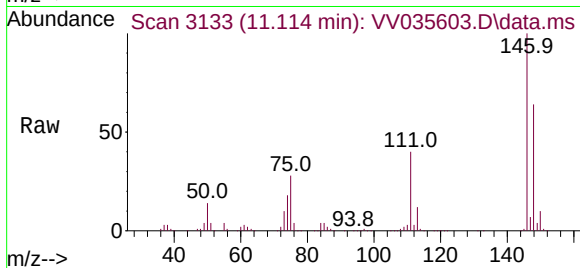
Tgt Ion:146 Resp: 446789

Ion Ratio Lower Upper

146 100

111 39.6 27.6 51.2

148 64.4 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 9.836 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.003 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

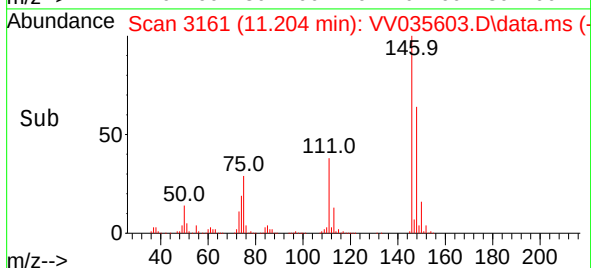
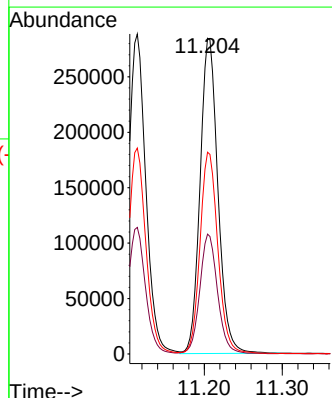
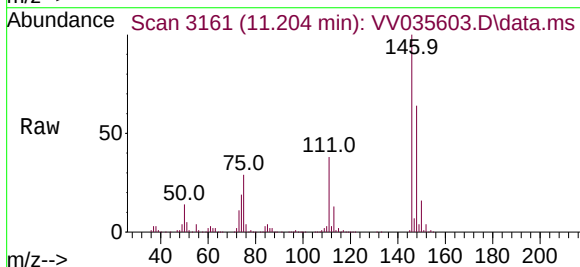
Tgt Ion:146 Resp: 451752

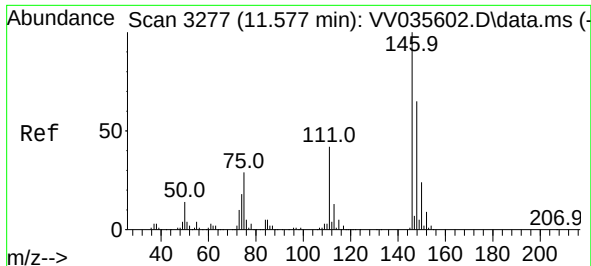
Ion Ratio Lower Upper

146 100

111 38.0 25.8 47.8

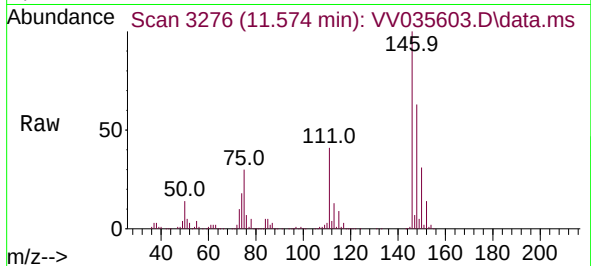
148 63.9 44.0 81.6



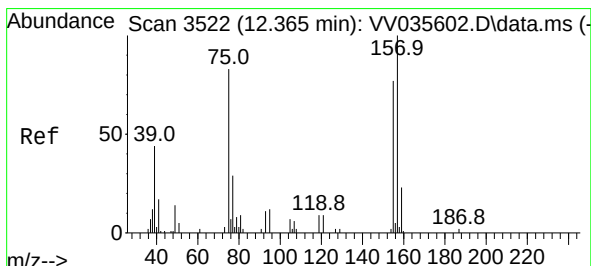
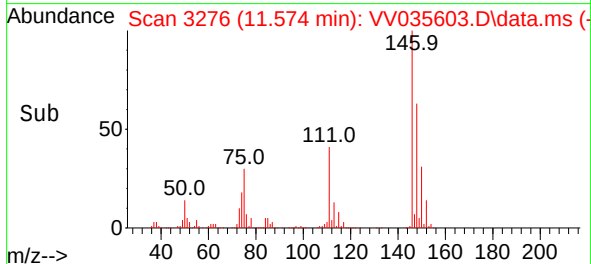
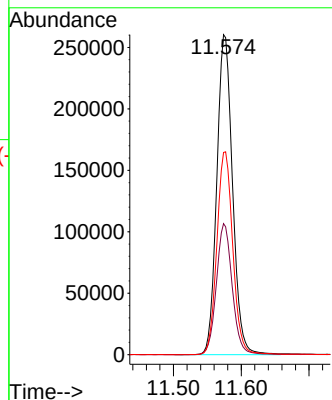


#67
1,2-Dichlorobenzene
Concen: 10.281 ug/L
RT: 11.574 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Instrument :
MSVOA_V
ClientSampleId :

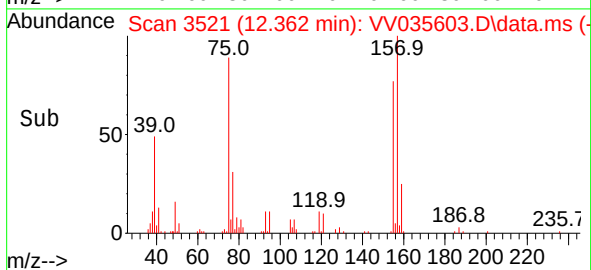
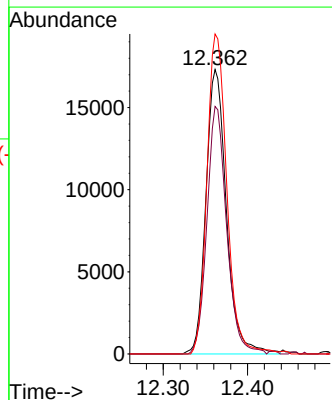
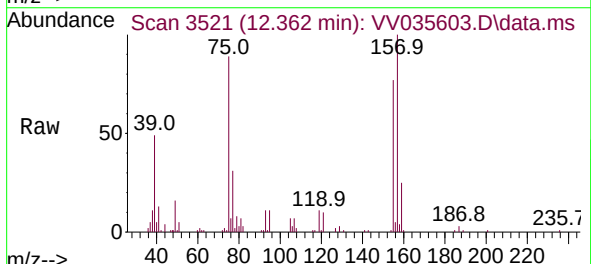


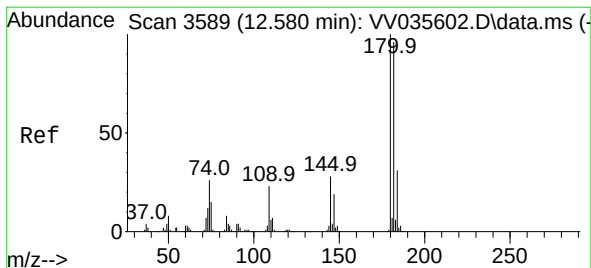
Tgt Ion:146 Resp: 419991
Ion Ratio Lower Upper
146 100
111 40.9 33.5 50.3
148 63.2 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 10.854 ug/L
RT: 12.362 min Scan# 3521
Delta R.T. -0.003 min
Lab File: VV035603.D
Acq: 14 May 2024 11:00

Tgt Ion: 75 Resp: 29321
Ion Ratio Lower Upper
75 100
155 87.0 73.4 110.0
157 112.5 95.8 143.8





#69

1,3,5-Trichlorobenzene

Concen: 10.432 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 344632

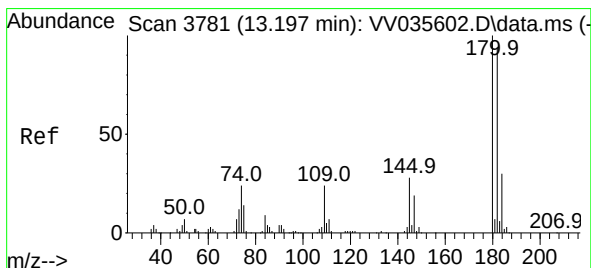
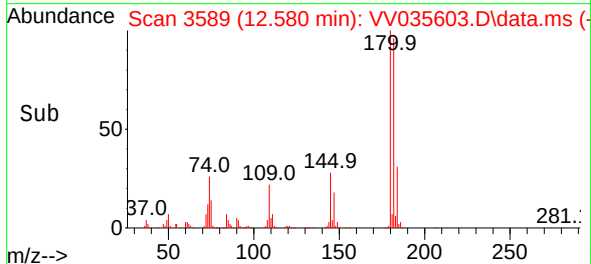
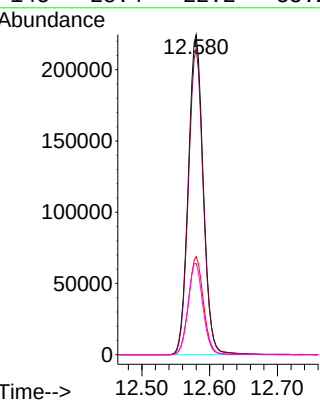
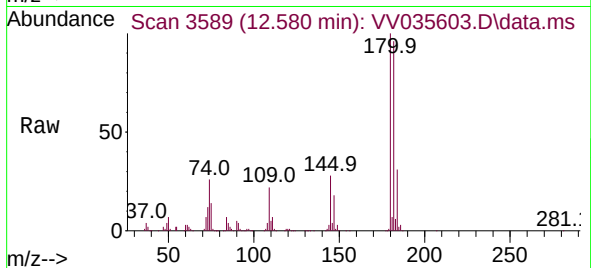
Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

184 30.4 24.0 36.0

145 28.4 22.2 33.2



#70

1,2,4-trichlorobenzene

Concen: 10.115 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.003 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

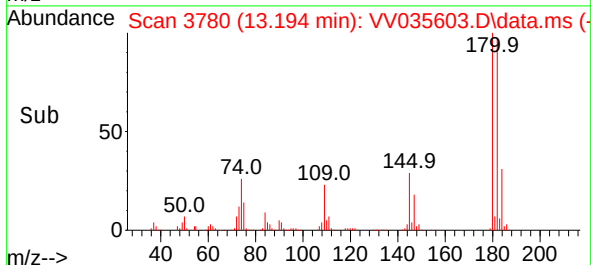
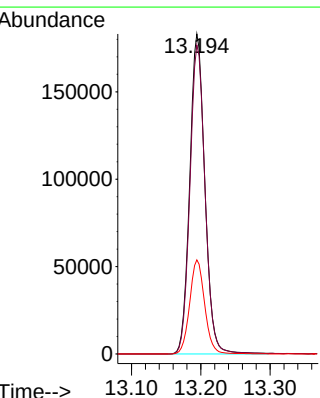
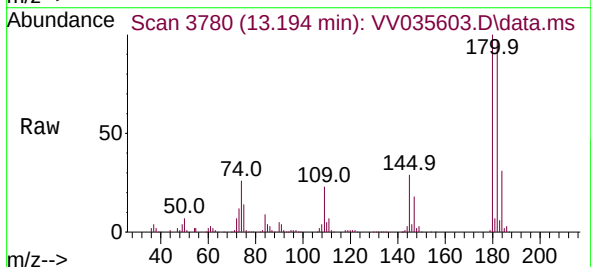
Tgt Ion:180 Resp: 278655

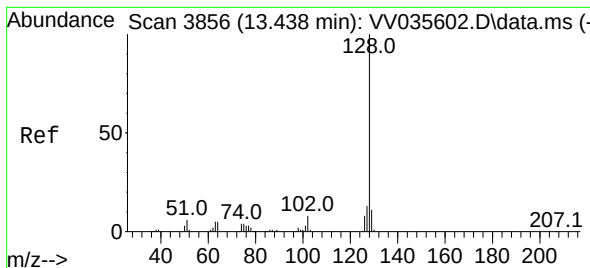
Ion Ratio Lower Upper

180 100

182 96.5 76.5 114.7

145 29.1 22.9 34.3





#71

Naphthalene

Concen: 10.705 ug/L

RT: 13.435 min Scan# 3856

Delta R.T. -0.003 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

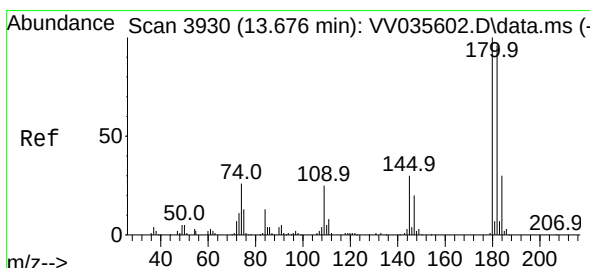
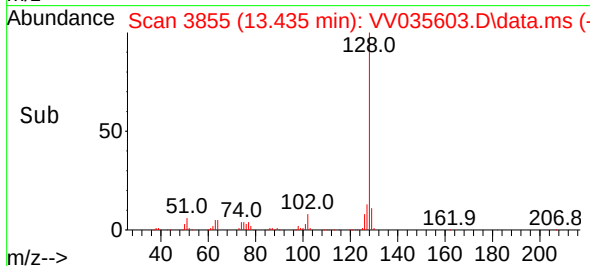
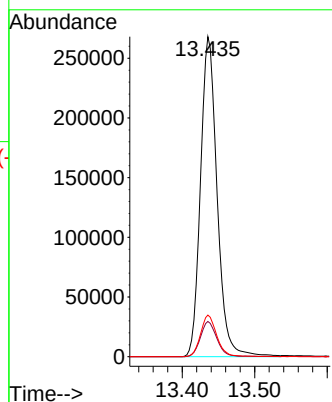
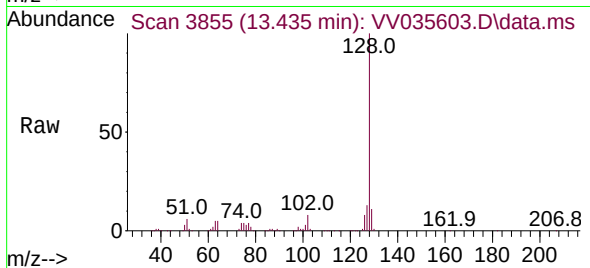
Tgt Ion:128 Resp: 426858

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 12.6 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 10.866 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035603.D

Acq: 14 May 2024 11:00

Tgt Ion:180 Resp: 267302

Ion Ratio Lower Upper

180 100

182 96.3 76.6 114.8

145 30.9 25.1 37.7

