

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
 Data File : VV035882.D
 Acq On : 30 May 2024 09:52
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 00:07:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 00:05:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	475433	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	482781	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	268399	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	202042	25.995	ug/L	0.00
7) Chloroethane-d5	1.529	69	159348	25.636	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	87380	25.567	ug/L	0.00
21) 2-Butanone-d5	3.854	46	79615	38.466	ug/L	0.00
24) Chloroform-d	4.243	84	343889	23.858	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	181254	25.085	ug/L	0.00
32) Benzene-d6	4.953	84	677083	24.747	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	208968	24.811	ug/L	0.00
41) Toluene-d8	7.239	98	623303	25.536	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	86573	24.182	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	57612	39.976	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	145476	19.126	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	219863	23.114	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	218979	23.148	ug/L	100
3) Chloromethane	1.211	50	246454	24.994	ug/L	100
5) Vinyl chloride	1.278	62	266185	26.267	ug/L	100
6) Bromomethane	1.484	94	159075	24.838	ug/L	100
8) Chloroethane	1.545	64	164307	26.385	ug/L	100
9) Trichlorofluoromethane	1.709	101	331162	25.558	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	212157	25.995	ug/L	100
12) 1,1-Dichloroethene	2.063	96	196109	26.239	ug/L	100
13) Acetone	2.169	43	142567	45.657	ug/L	96
14) Carbon disulfide	2.233	76	685337	27.668	ug/L	100
15) Methyl Acetate	2.387	43	90650	20.508	ug/L	100
16) Methylene chloride	2.442	84	238760	21.819	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	209150	25.302	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	474071	24.248	ug/L	100
19) 1,1-Dichloroethane	3.104	63	394409	25.635	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	207955	23.680	ug/L	100
22) 2-Butanone	3.918	43	109998	38.602	ug/L	86
23) Bromochloromethane	4.143	128	105100	24.589	ug/L	100
25) Chloroform	4.272	83	405851	25.622	ug/L	100
27) 1,2-Dichloroethane	5.037	62	261903	26.348	ug/L	100
29) Cyclohexane	4.577	56	321963	27.544	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	343846	25.959	ug/L	100
31) Carbon tetrachloride	4.728	117	303097	26.119	ug/L	100
33) Benzene	5.005	78	854149	26.766	ug/L	100
34) Trichloroethene	5.828	95	257337	28.055	ug/L	100
35) Methylcyclohexane	6.046	83	379417	27.444	ug/L	100
37) 1,2-Dichloropropane	6.088	63	222290	26.855	ug/L	100
38) Bromodichloromethane	6.429	83	282527	25.385	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	330156	25.612	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	243398	49.419	ug/L	100
42) Toluene	7.310	91	912220	27.120	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	293972	26.033	ug/L	100

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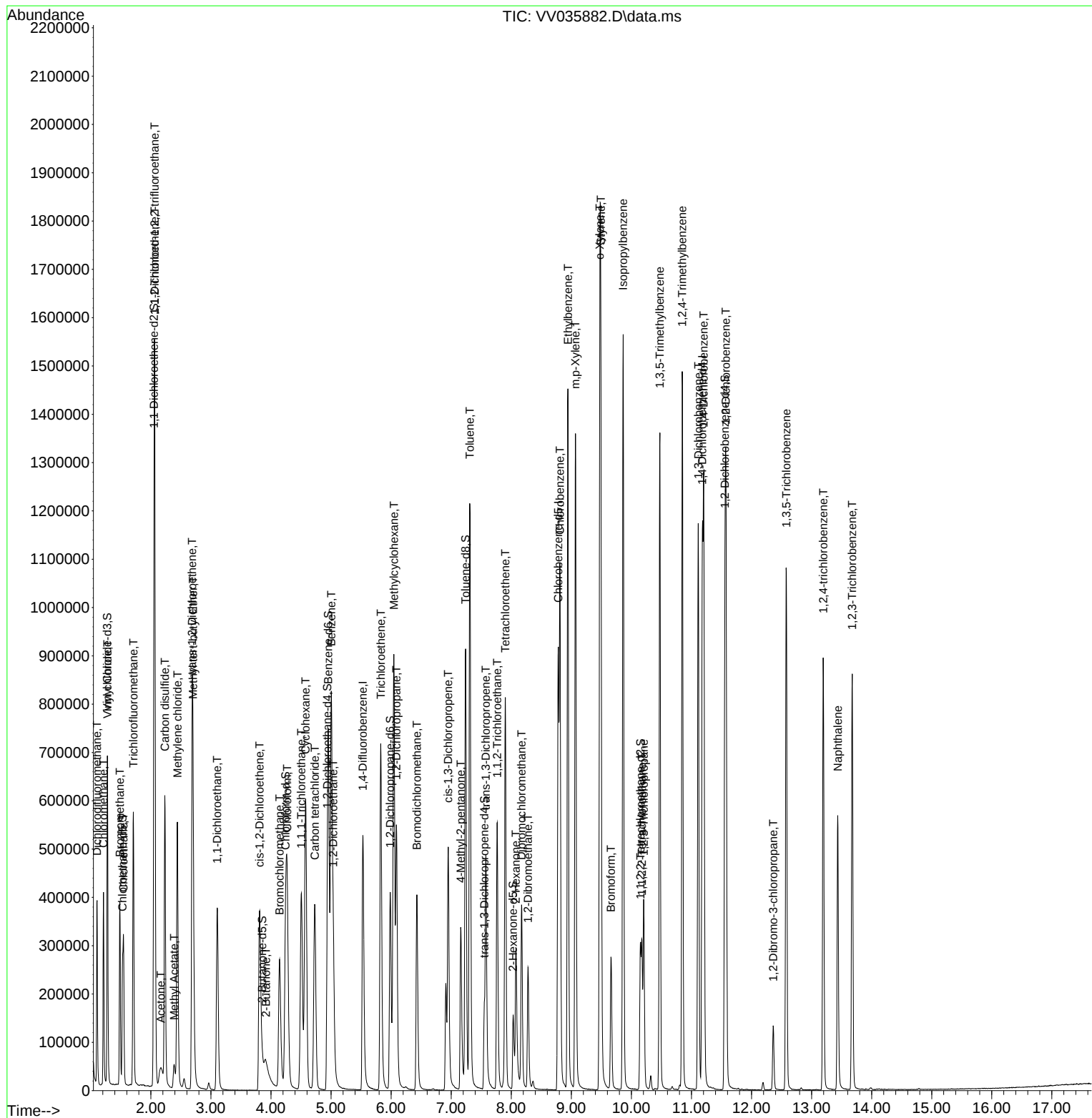
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	179890	25.686	ug/L	100
46) Tetrachloroethene	7.902	164	187508	25.744	ug/L	100
48) 2-Hexanone	8.079	43	204116	54.185	ug/L	100
49) Dibromochloromethane	8.172	129	194560	24.833	ug/L	100
50) 1,2-Dibromoethane	8.278	107	173912	25.245	ug/L	100
51) Chlorobenzene	8.812	112	578938	25.025	ug/L	100
52) Ethylbenzene	8.943	91	977070	26.484	ug/L	100
53) m,p-Xylene	9.069	106	372738	26.716	ug/L	100
54) o-Xylene	9.474	106	346750	26.291	ug/L	100
55) Styrene	9.490	104	637868	27.660	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	149626	18.720	ug/L	100
59) Bromoform	9.660	173	126823	24.539	ug/L	100
60) Isopropylbenzene	9.863	105	959933	27.198	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	157646	25.308	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	695238	25.736	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	763973	26.970	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	471935	25.489	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	488692	25.343	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	440221	25.220	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	36060	24.945	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	345135	24.090	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	275995	23.209	ug/L	100
71) Naphthalene	13.435	128	448573	21.654	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	263554	24.351	ug/L	100

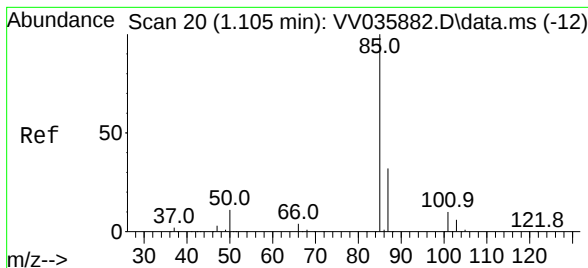
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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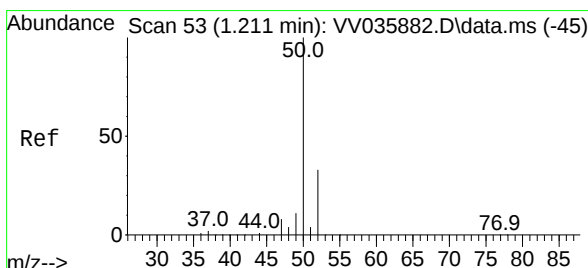
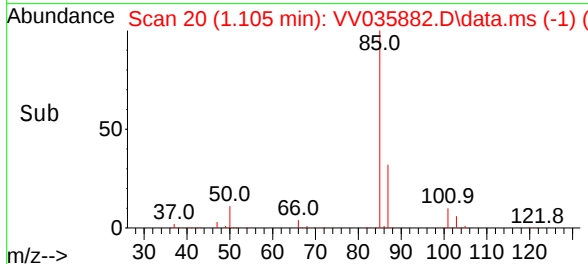
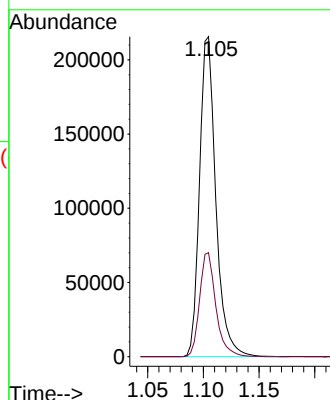
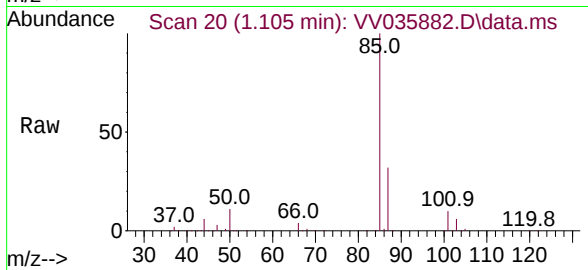




#2
 Dichlorodifluoromethane
 Concen: 23.148 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035882.D
 Acq: 30 May 2024 09:52

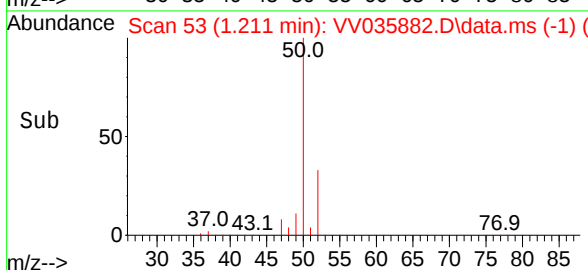
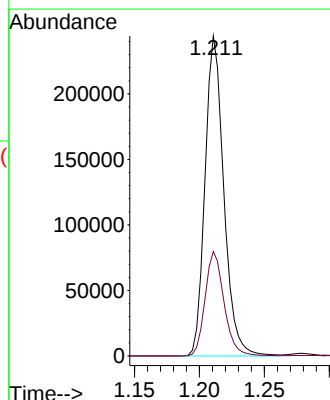
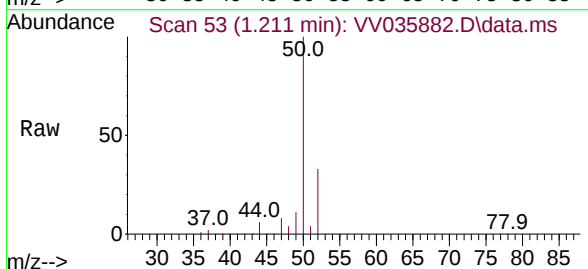
Instrument :
 MSVOA_V
 ClientSampleId :

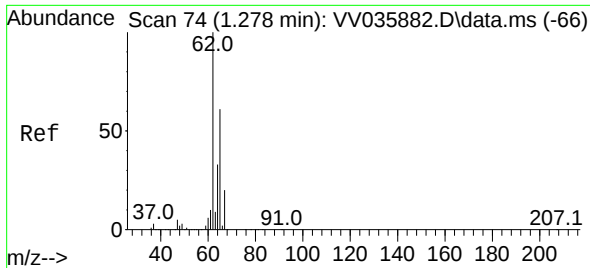
Tgt Ion: 85 Resp: 218979
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 24.994 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV035882.D
 Acq: 30 May 2024 09:52

Tgt Ion: 50 Resp: 246454
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4

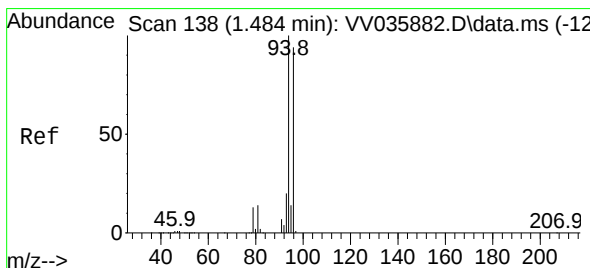
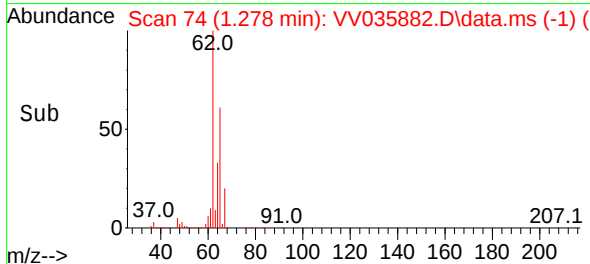
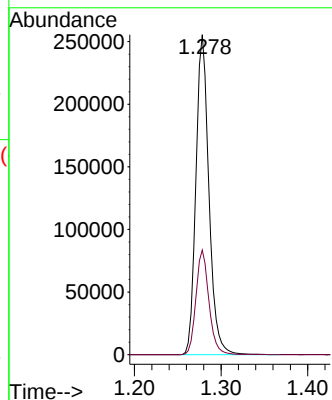
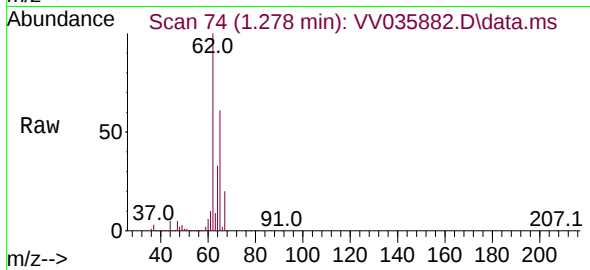




#5
Vinyl chloride
Concen: 26.267 ug/L
RT: 1.278 min Scan# 74
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

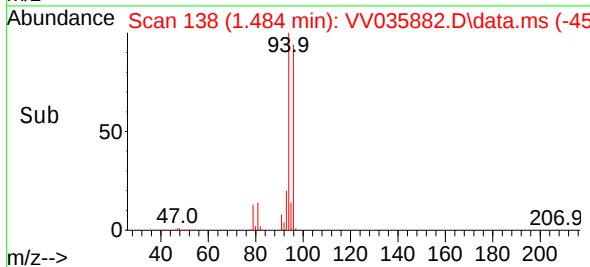
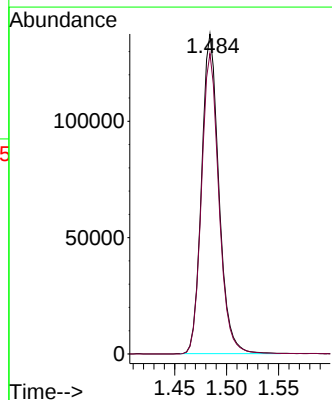
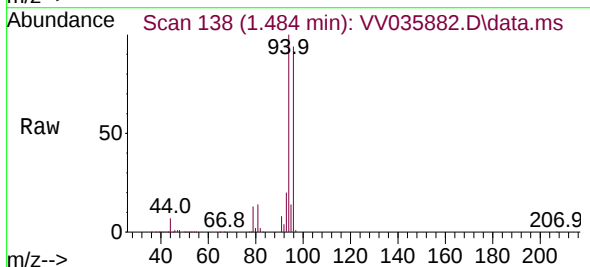
Instrument :
MSVOA_V
ClientSampleId :

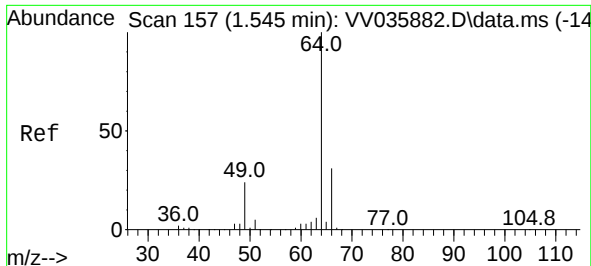
Tgt Ion: 62 Resp: 266185
Ion Ratio Lower Upper
62 100
64 32.7 22.9 42.5



#6
Bromomethane
Concen: 24.838 ug/L
RT: 1.484 min Scan# 138
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

Tgt Ion: 94 Resp: 159075
Ion Ratio Lower Upper
94 100
96 93.9 65.7 122.1

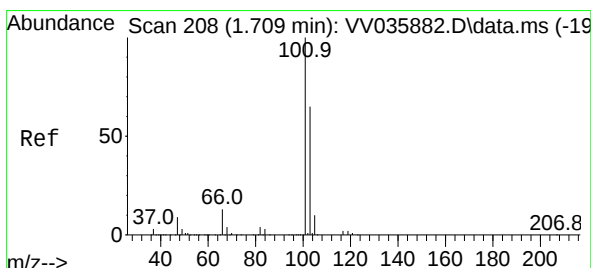
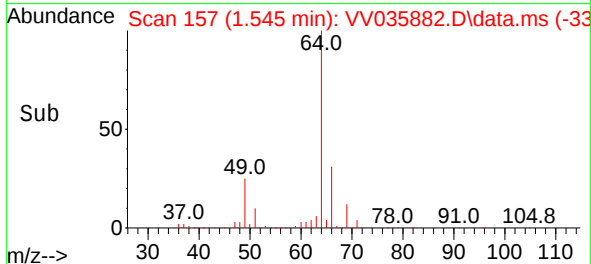
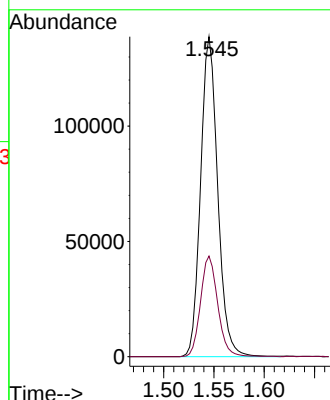
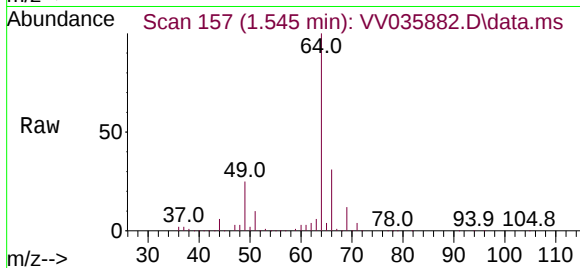




#8
Chloroethane
Concen: 26.385 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

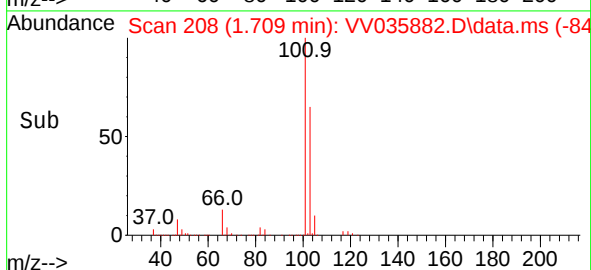
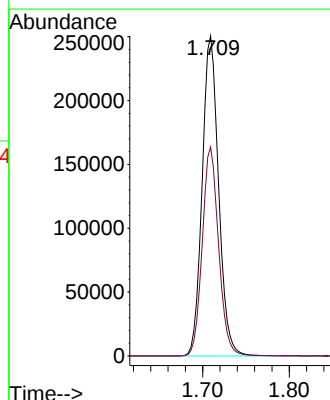
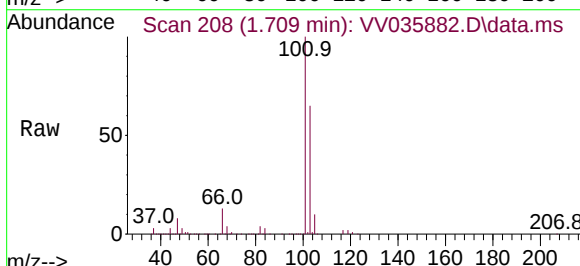
Instrument :
MSVOA_V
ClientSampleId :

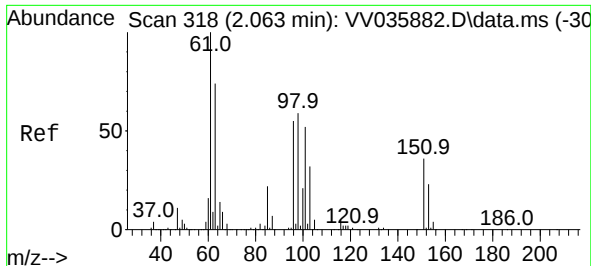
Tgt Ion: 64 Resp: 164307
Ion Ratio Lower Upper
64 100
66 31.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 25.558 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

Tgt Ion:101 Resp: 331162
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8





#10

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

Concen: 25.995 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

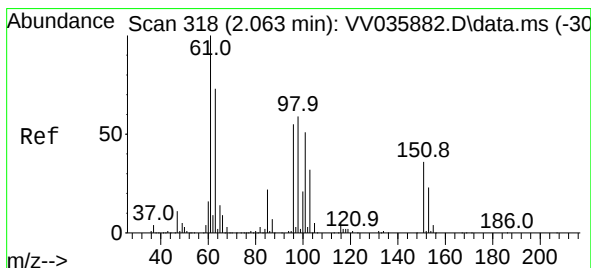
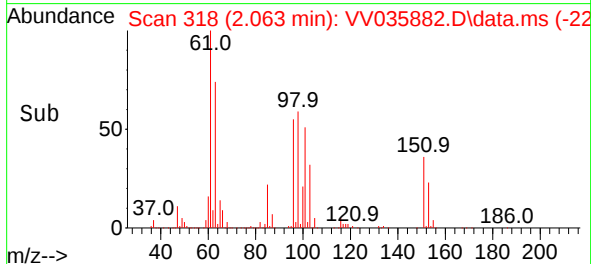
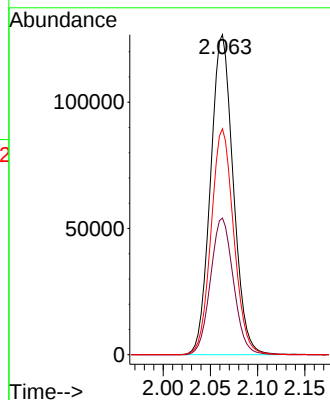
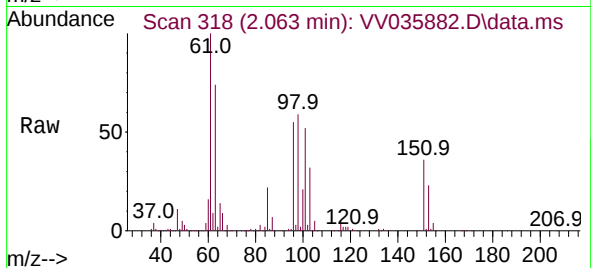
Tgt Ion:101 Resp: 212157

Ion Ratio Lower Upper

101 100

85 43.1 34.5 51.7

151 70.4 56.3 84.5



#12

1,1-Dichloroethene

Concen: 26.239 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

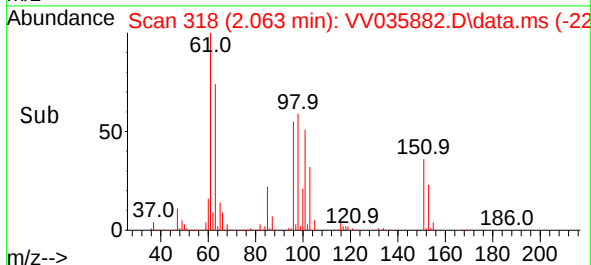
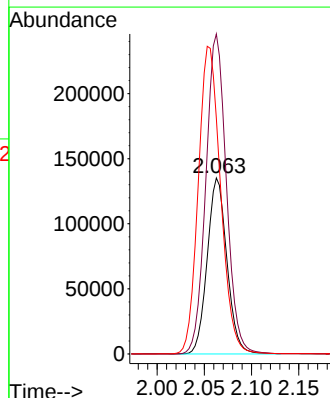
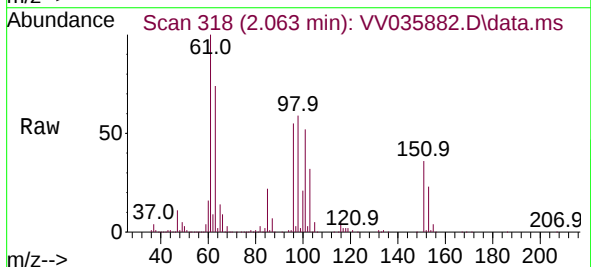
Tgt Ion: 96 Resp: 196109

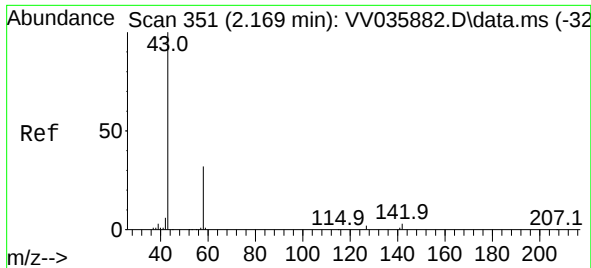
Ion Ratio Lower Upper

96 100

61 181.8 127.3 236.3

63 133.8 93.7 173.9





#13

Acetone

Concen: 45.657 ug/L

RT: 2.169 min Scan# 351

Delta R.T. 0.000 min

Lab File: VV035882.D

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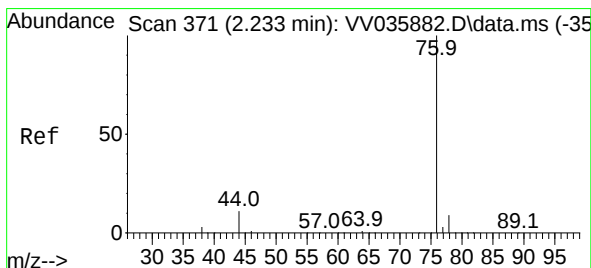
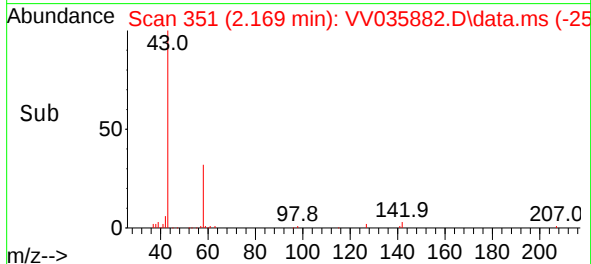
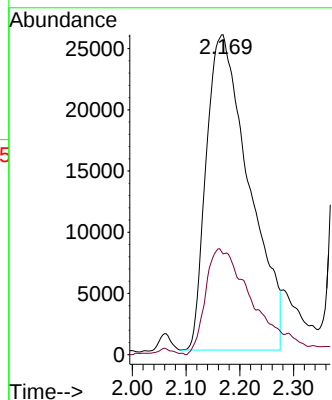
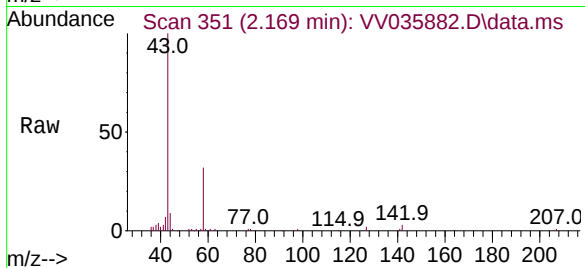
ClientSampleId :

Tgt Ion: 43 Resp: 142567

Ion Ratio Lower Upper

43 100

58 13.7 0.0 24.2



#14

Carbon disulfide

Concen: 27.668 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV035882.D

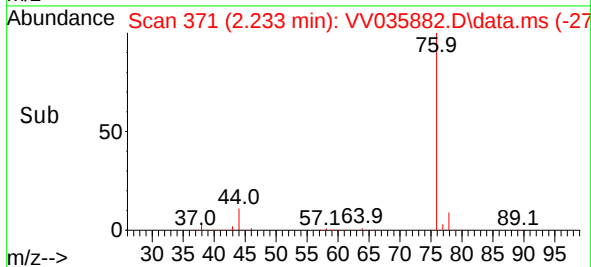
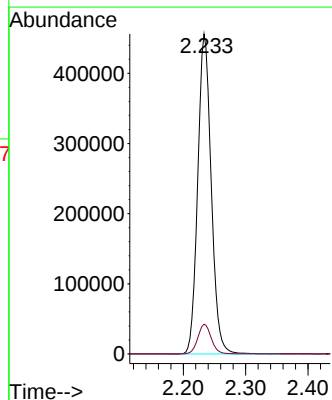
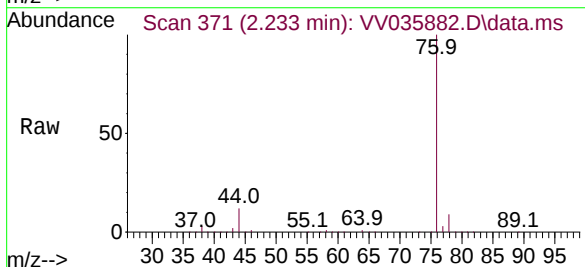
Acq: 30 May 2024 09:52

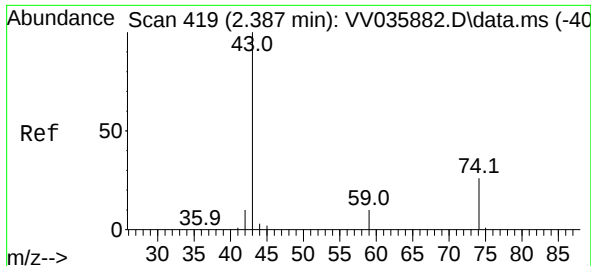
Tgt Ion: 76 Resp: 685337

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





#15

Methyl Acetate

Concen: 20.508 ug/L

RT: 2.387 min Scan# 419

Delta R.T. 0.000 min

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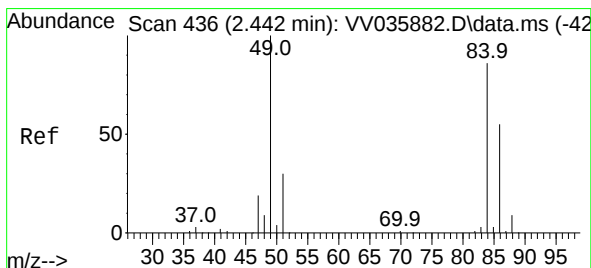
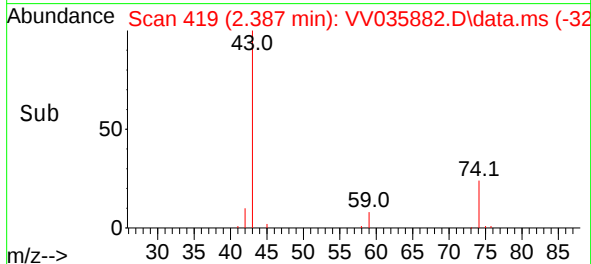
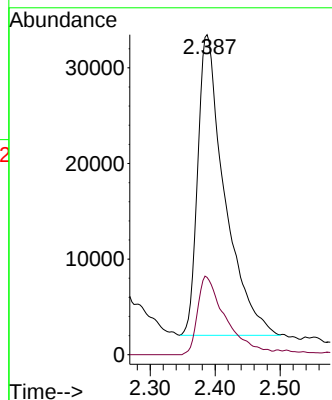
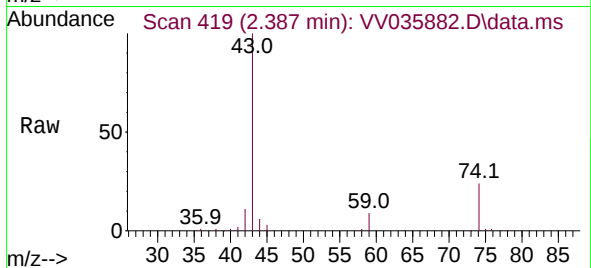
ClientSampleId :

Tgt Ion: 43 Resp: 90650

Ion Ratio Lower Upper

43 100

74 26.8 21.4 32.2



#16

Methylene chloride

Concen: 21.819 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

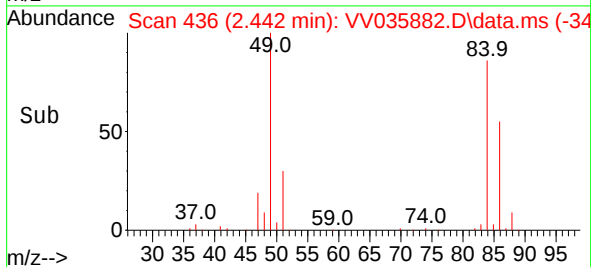
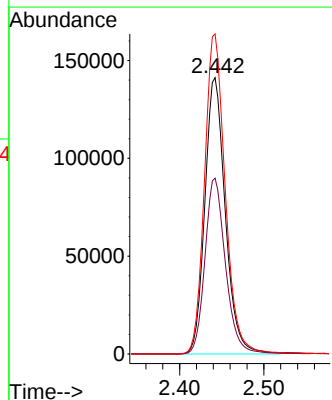
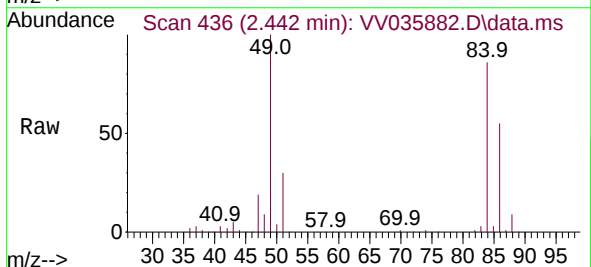
Tgt Ion: 84 Resp: 238760

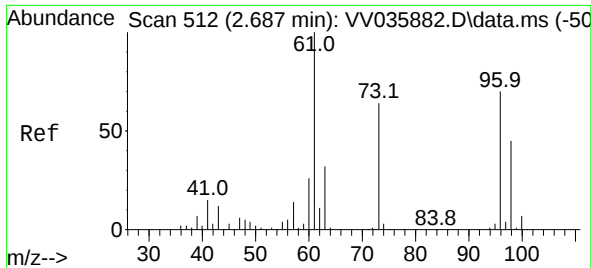
Ion Ratio Lower Upper

84 100

86 63.7 44.6 82.8

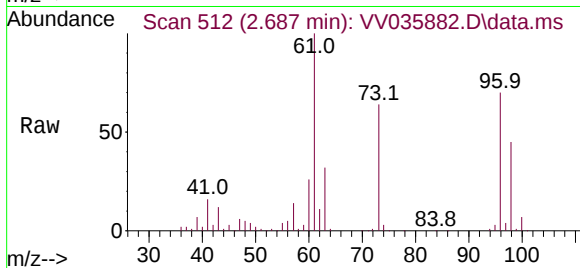
49 115.8 81.1 150.5



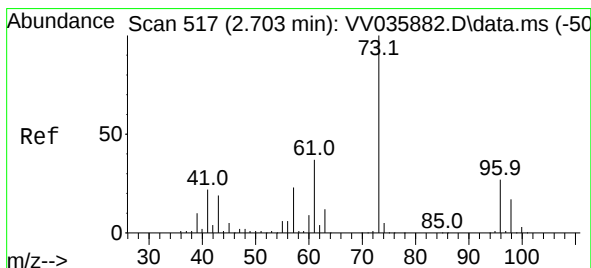
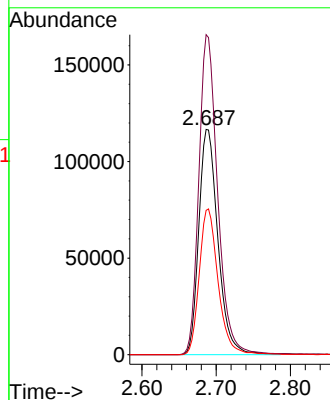
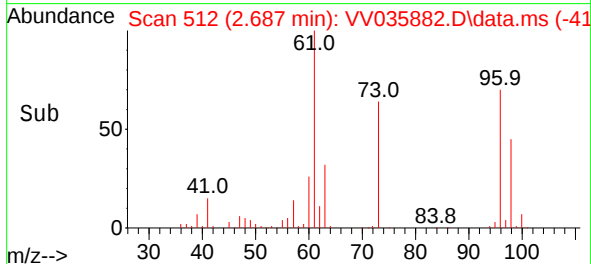


#17
trans-1,2-Dichloroethene
Concen: 25.302 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

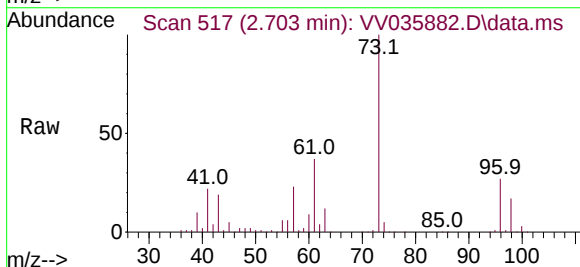
Instrument :
MSVOA_V
ClientSampleId :



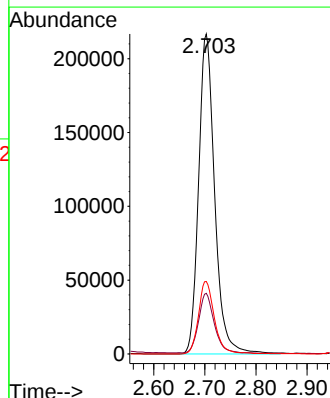
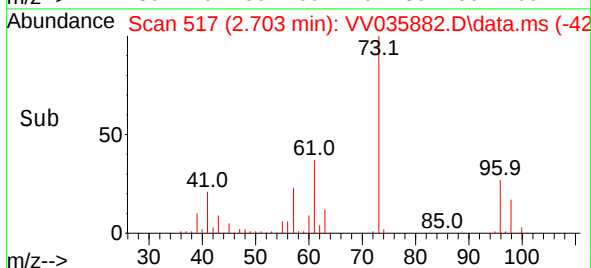
Tgt Ion: 96 Resp: 209150
Ion Ratio Lower Upper
96 100
61 142.0 99.4 184.6
98 64.1 44.9 83.3

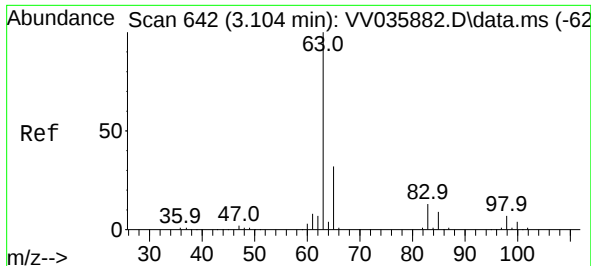


#18
Methyl tert-butyl Ether
Concen: 24.248 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52



Tgt Ion: 73 Resp: 474071
Ion Ratio Lower Upper
73 100
43 17.9 14.3 21.5
57 22.2 17.8 26.6

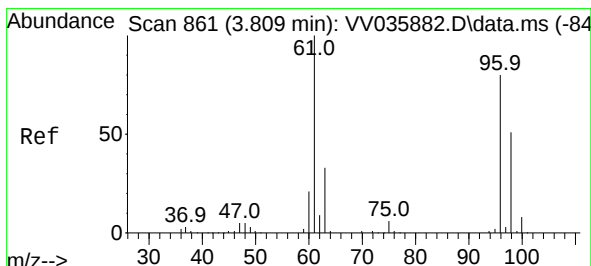
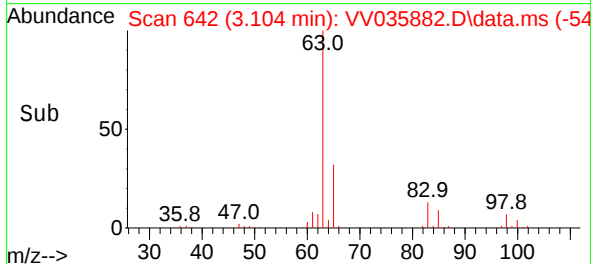
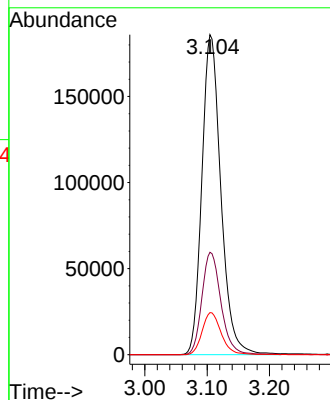
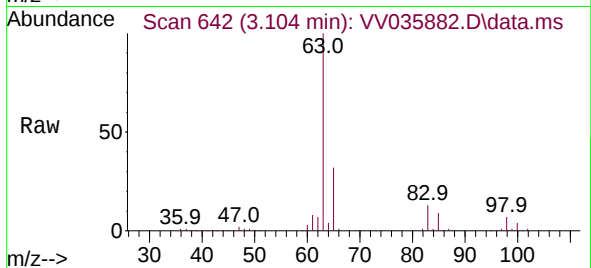




#19
1,1-Dichloroethane
Concen: 25.635 ug/L
RT: 3.104 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

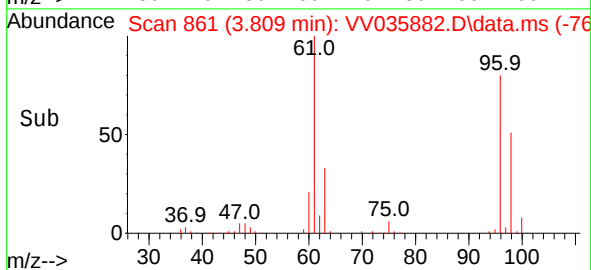
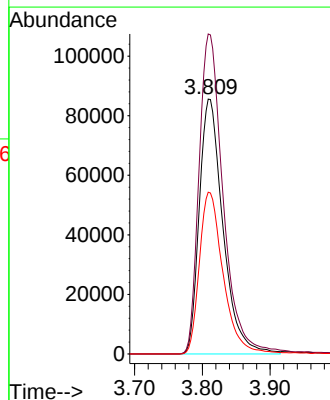
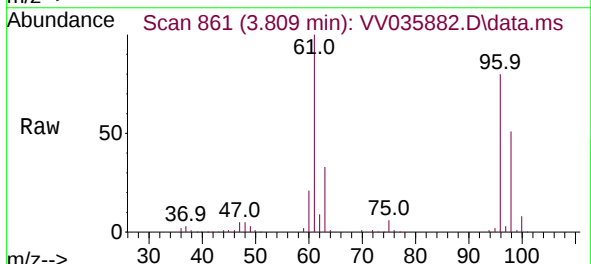
Instrument :
MSVOA_V
ClientSampleId :

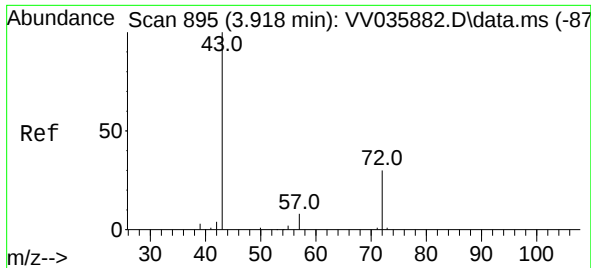
Tgt Ion: 63 Resp: 394409
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 13.1 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 23.680 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

Tgt Ion: 96 Resp: 207955
Ion Ratio Lower Upper
96 100
61 125.6 87.9 163.3
98 63.5 44.4 82.5

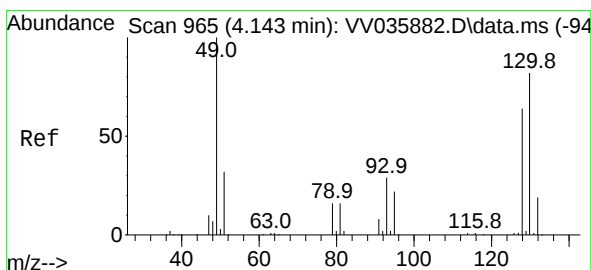
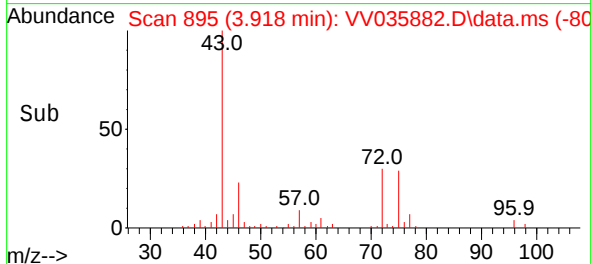
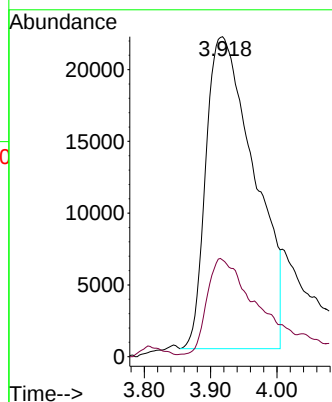
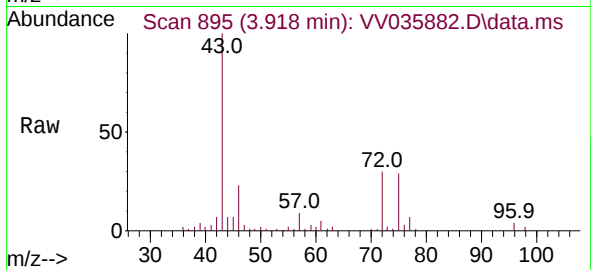




#22
2-Butanone
Concen: 38.602 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

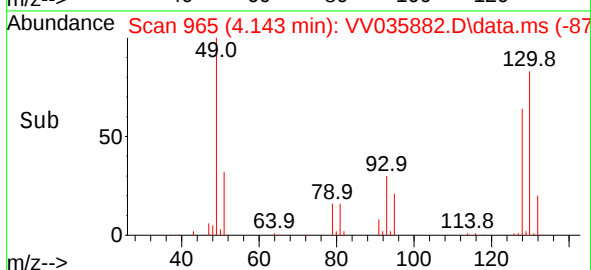
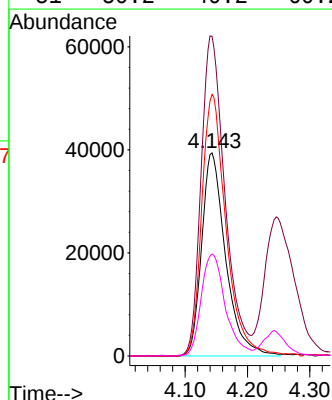
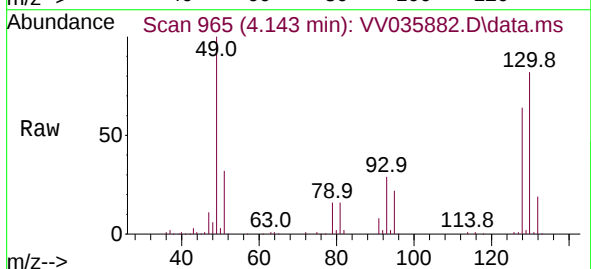
Instrument :
MSVOA_V
ClientSampleId :

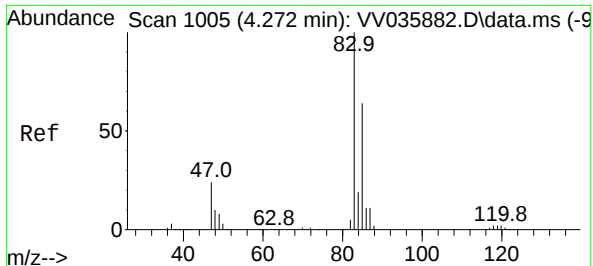
Tgt Ion: 43 Resp: 109998
Ion Ratio Lower Upper
43 100
72 22.1 8.2 24.4



#23
Bromochloromethane
Concen: 24.589 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

Tgt Ion:128 Resp: 105100
Ion Ratio Lower Upper
128 100
49 157.4 110.2 204.6
130 128.8 90.2 167.4
51 50.2 40.2 60.2





#25

Chloroform

Concen: 25.622 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

Instrument :

MSVOA_V

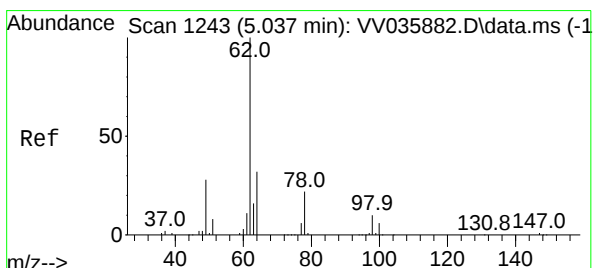
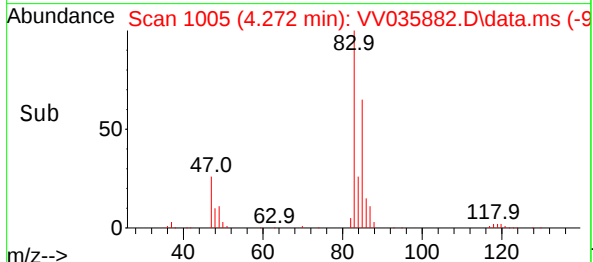
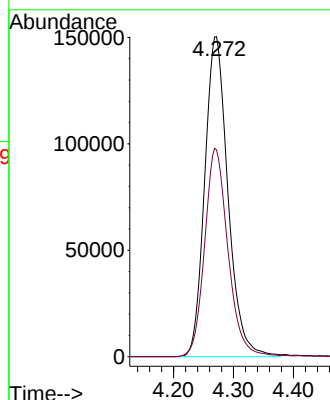
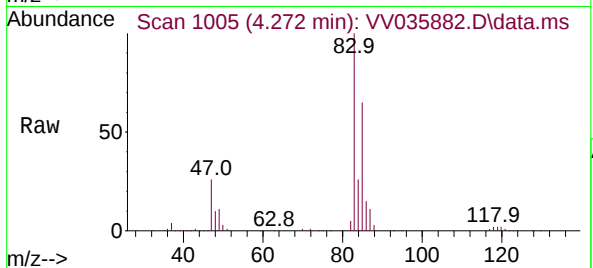
ClientSampleId :

Tgt Ion: 83 Resp: 405851

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 26.348 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV035882.D

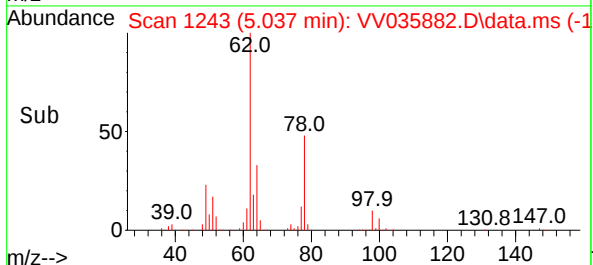
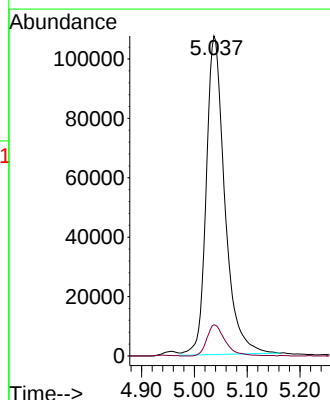
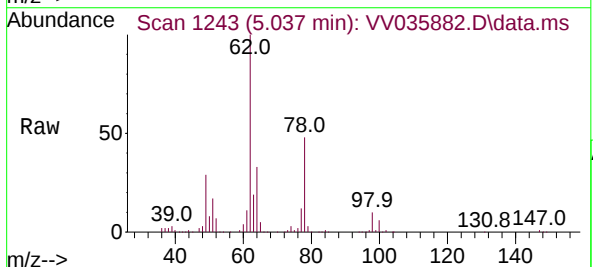
Acq: 30 May 2024 09:52

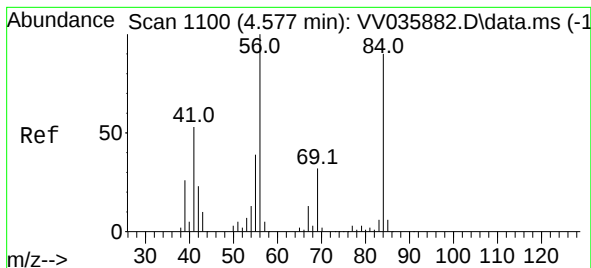
Tgt Ion: 62 Resp: 261903

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.6





#29

Cyclohexane

Concen: 27.544 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

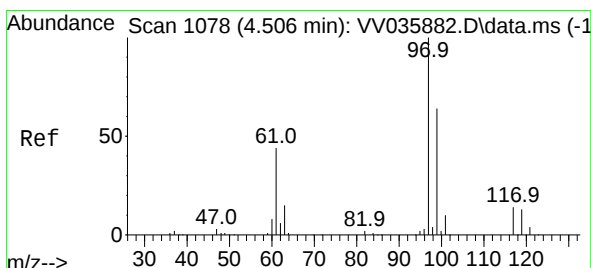
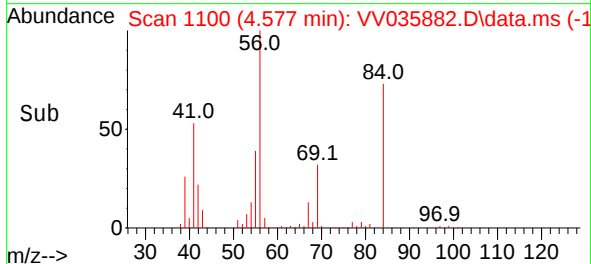
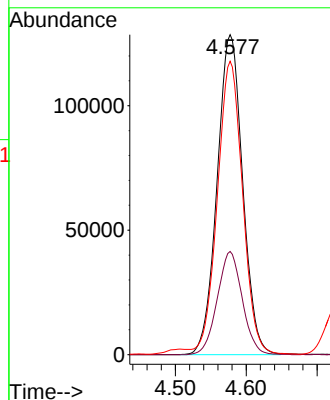
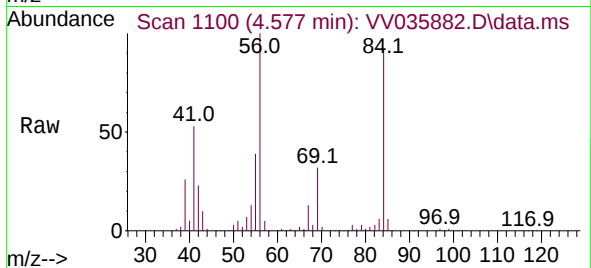
Tgt Ion: 56 Resp: 321963

Ion Ratio Lower Upper

56 100

69 31.5 25.2 37.8

84 90.2 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 25.959 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

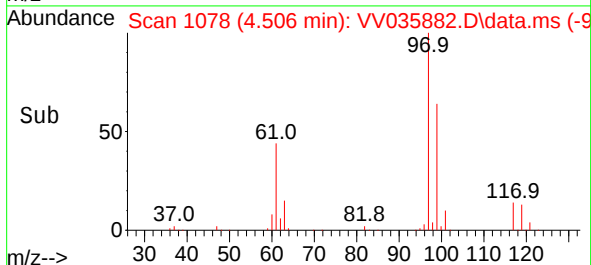
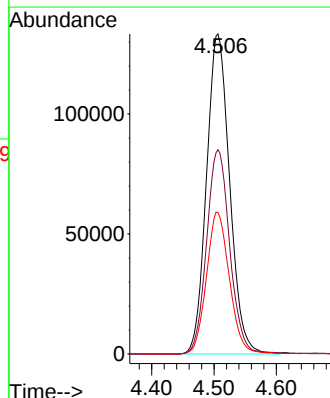
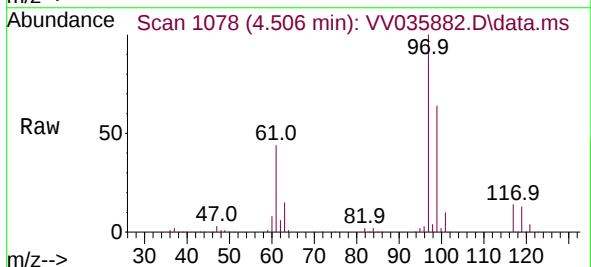
Tgt Ion: 97 Resp: 343846

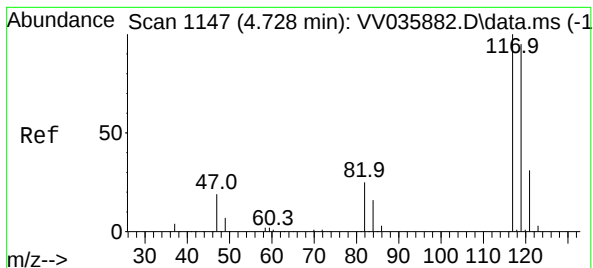
Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 43.8 35.0 52.6





#31

Carbon tetrachloride

Concen: 26.119 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

Instrument :

MSVOA_V

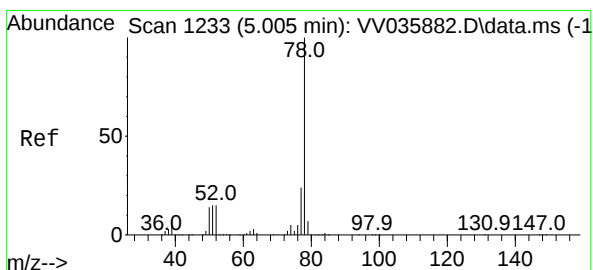
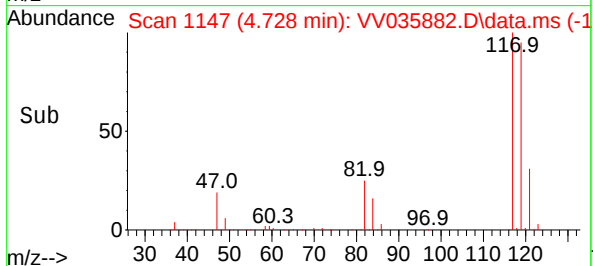
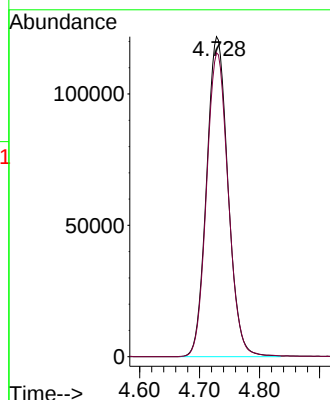
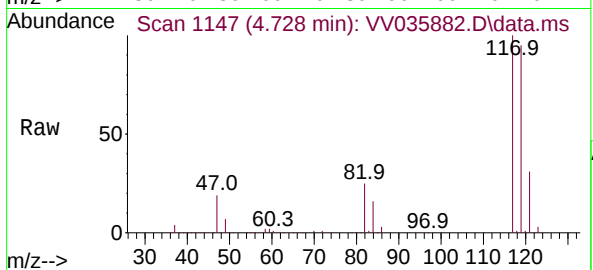
ClientSampleId :

Tgt Ion:117 Resp: 303097

Ion Ratio Lower Upper

117 100

119 96.0 76.8 115.2



#33

Benzene

Concen: 26.766 ug/L

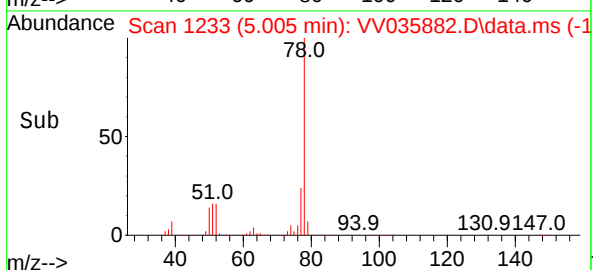
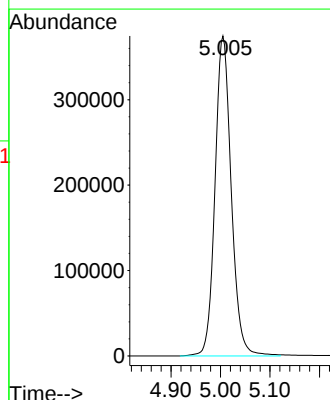
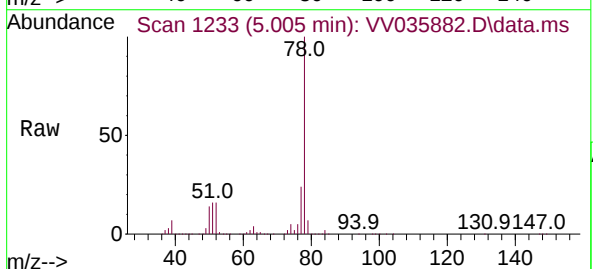
RT: 5.005 min Scan# 1233

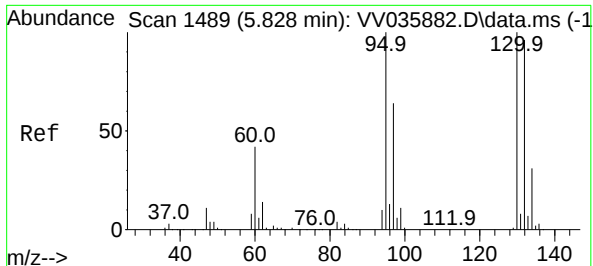
Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

Tgt Ion: 78 Resp: 854149





#34

Trichloroethene

Concen: 28.055 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 257337

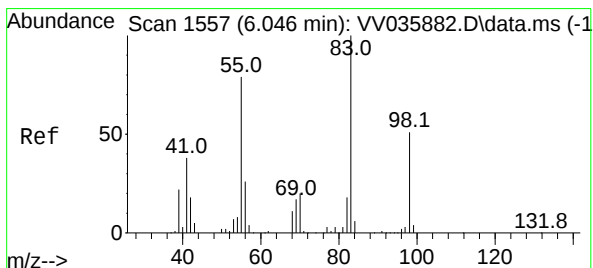
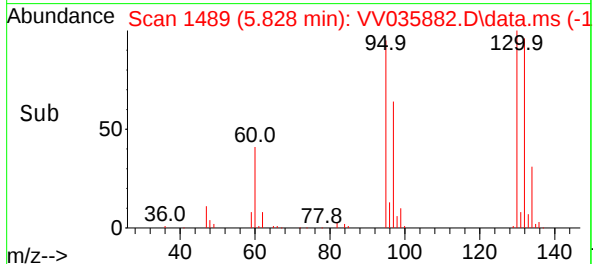
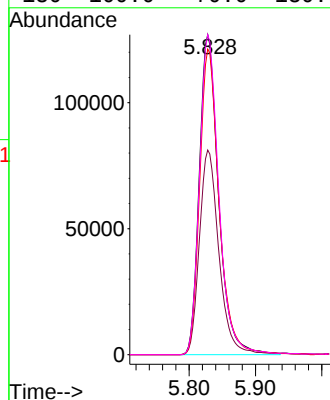
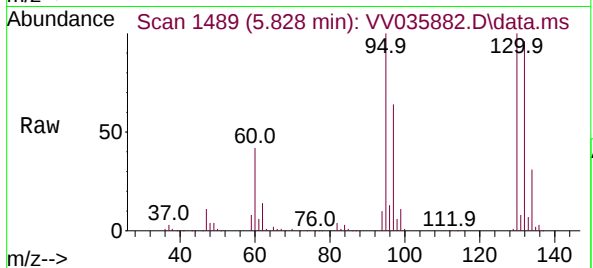
Ion Ratio Lower Upper

95 100

97 64.0 44.8 83.2

132 95.5 66.8 124.2

130 100.0 70.0 130.0



#35

Methylcyclohexane

Concen: 27.444 ug/L

RT: 6.046 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

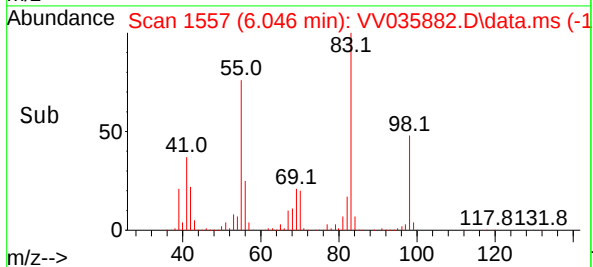
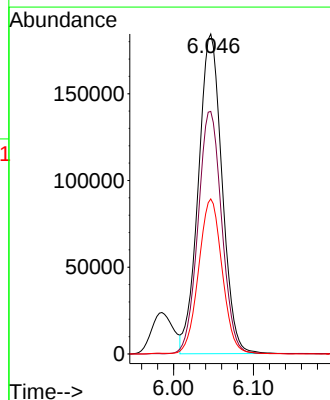
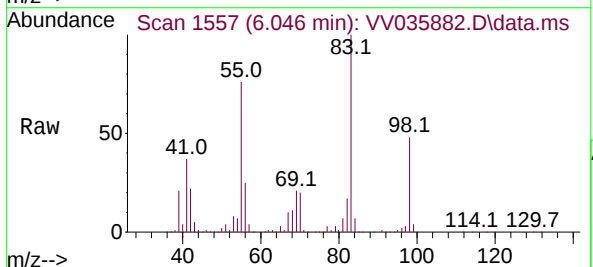
Tgt Ion: 83 Resp: 379417

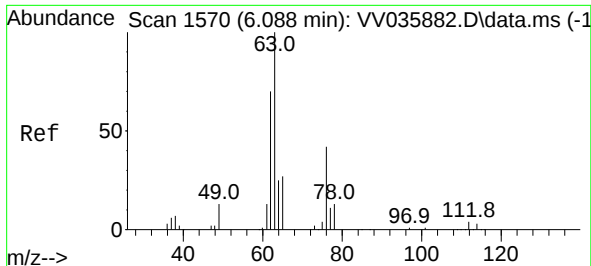
Ion Ratio Lower Upper

83 100

55 75.9 60.7 91.1

98 48.4 38.7 58.1

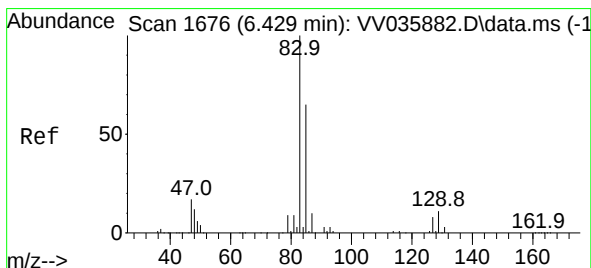
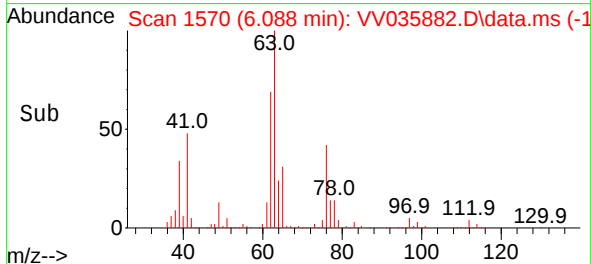
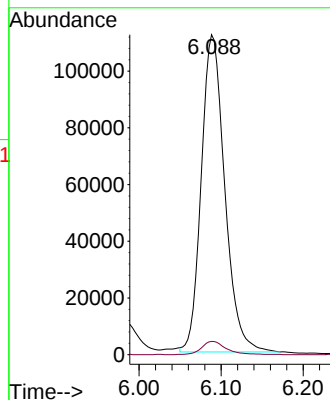
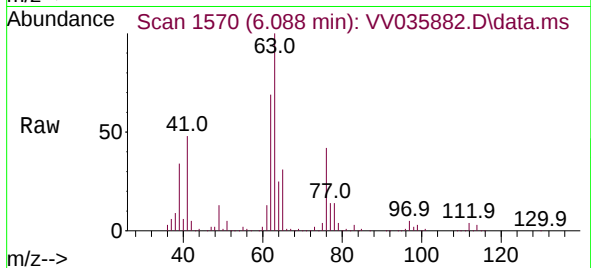




#37
1,2-Dichloropropane
Concen: 26.855 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

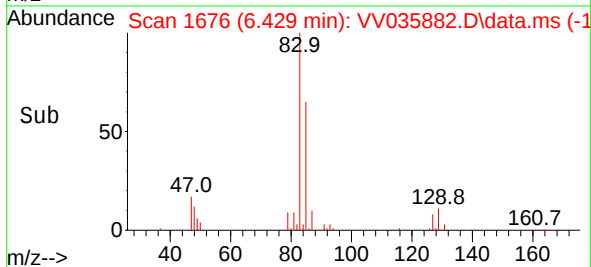
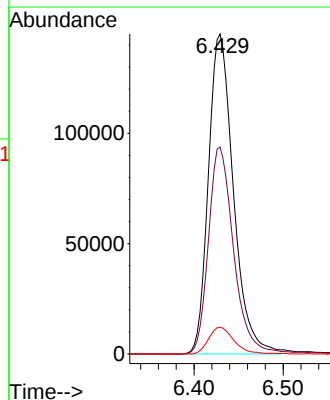
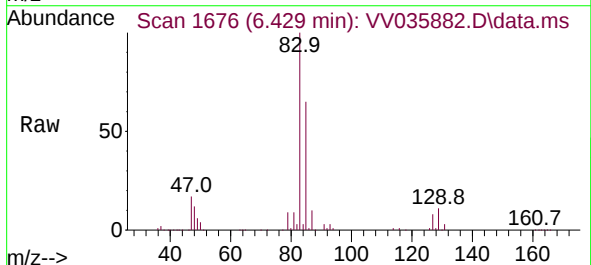
Instrument :
MSVOA_V
ClientSampleId :

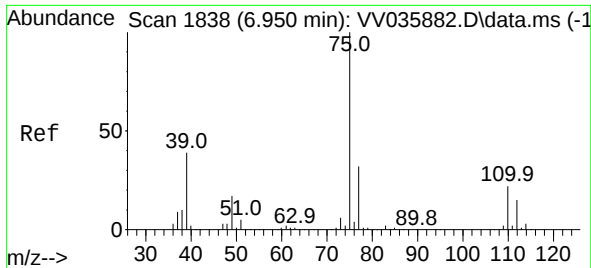
Tgt Ion: 63 Resp: 222290
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 25.385 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

Tgt Ion: 83 Resp: 282527
Ion Ratio Lower Upper
83 100
85 64.7 45.3 84.1
127 8.4 6.7 10.1

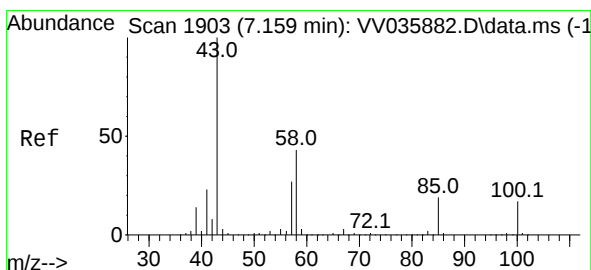
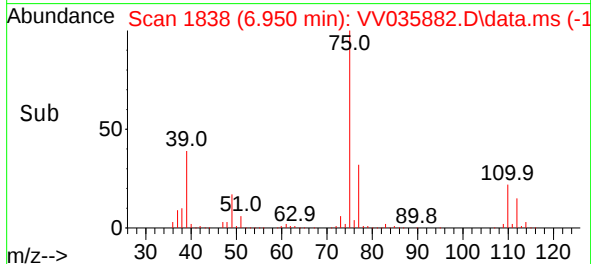
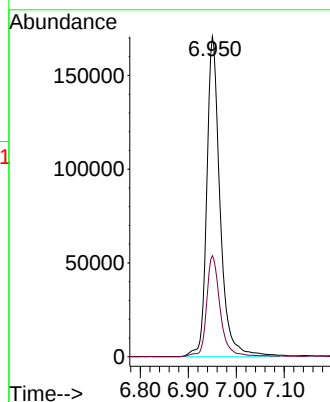
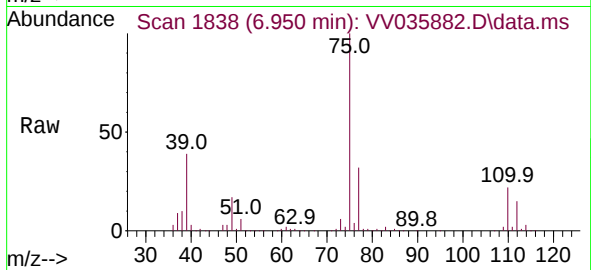




#39
 cis-1,3-Dichloropropene
 Concen: 25.612 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV035882.D
 Acq: 30 May 2024 09:52

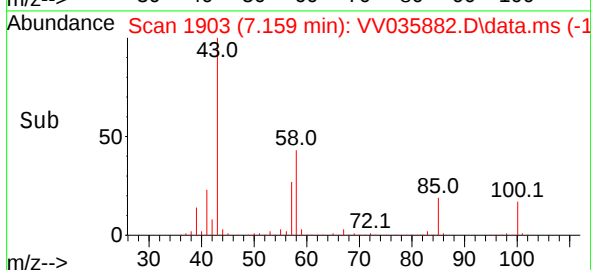
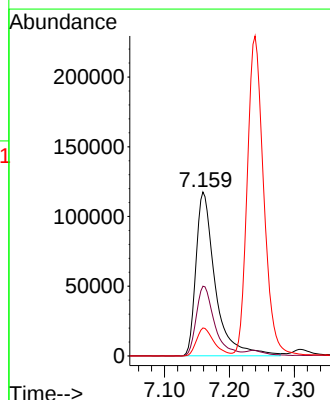
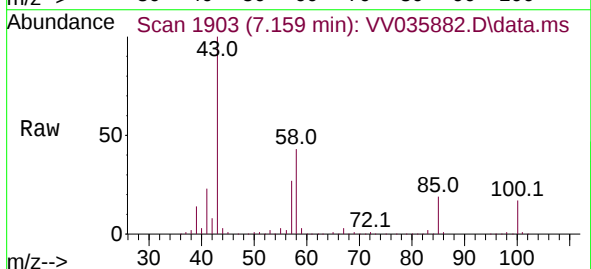
Instrument :
 MSVOA_V
 ClientSampleId :

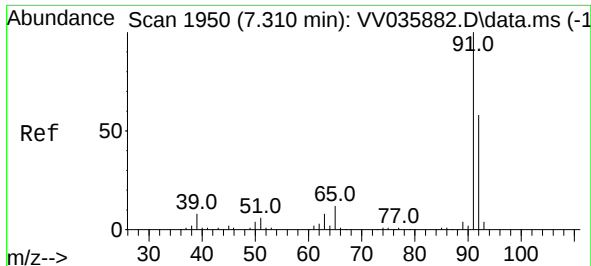
Tgt Ion: 75 Resp: 330156
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 49.419 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV035882.D
 Acq: 30 May 2024 09:52

Tgt Ion: 43 Resp: 243398
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.5 48.7
 100 15.6 12.5 18.7





#42

Toluene

Concen: 27.120 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

Instrument :

MSVOA_V

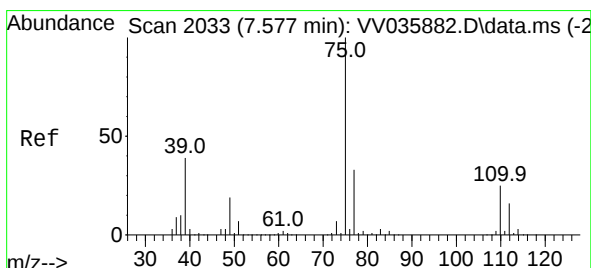
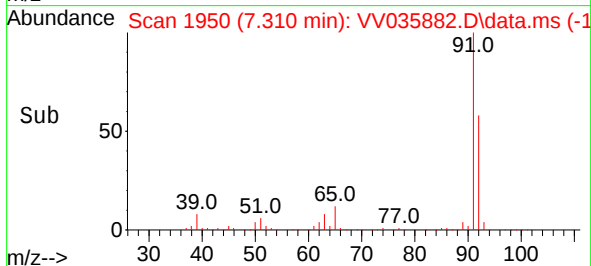
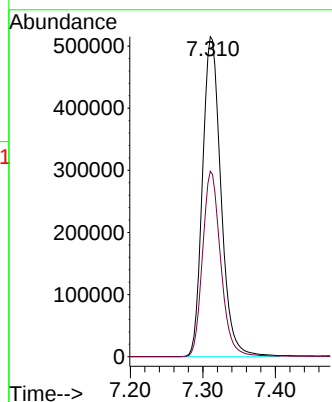
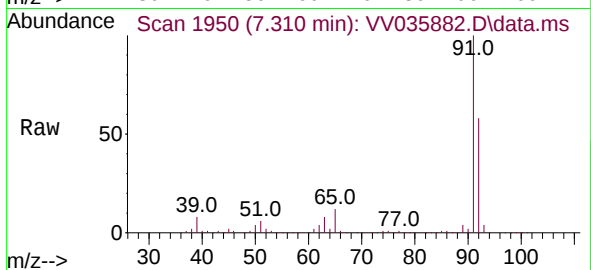
ClientSampleId :

Tgt Ion: 91 Resp: 912220

Ion Ratio Lower Upper

91 100

92 58.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 26.033 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035882.D

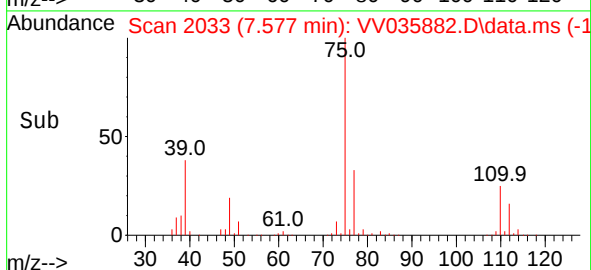
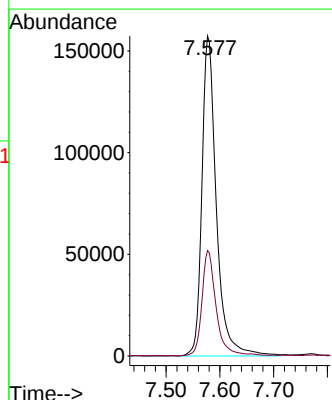
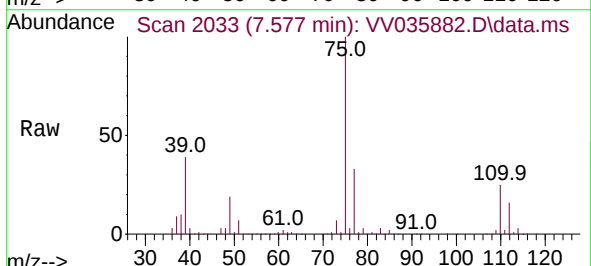
Acq: 30 May 2024 09:52

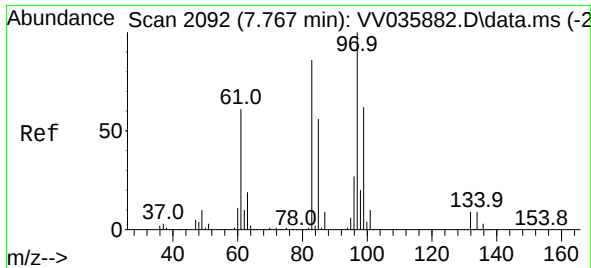
Tgt Ion: 75 Resp: 293972

Ion Ratio Lower Upper

75 100

77 33.0 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 25.686 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 179890

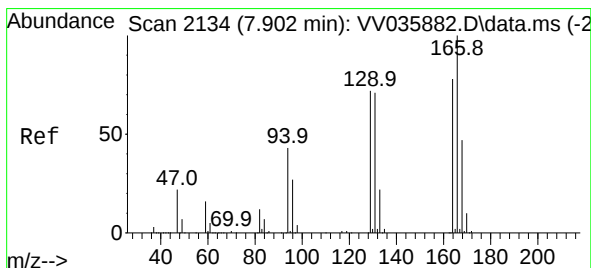
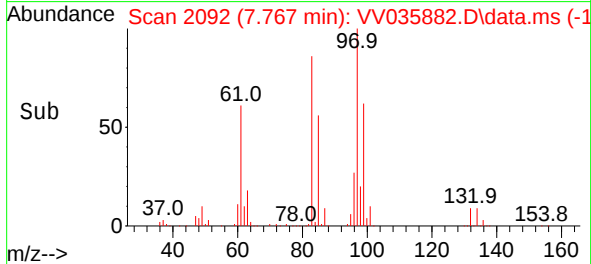
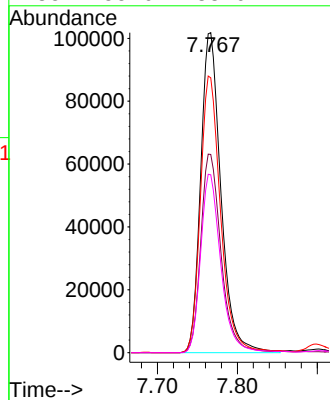
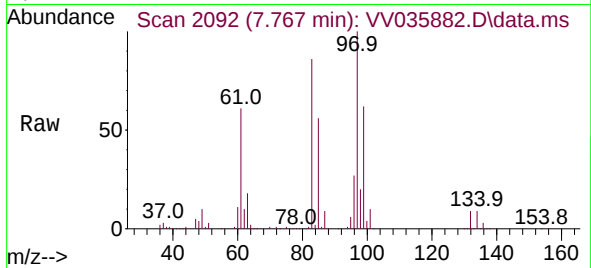
Ion Ratio Lower Upper

97 100

99 61.9 43.3 80.5

83 85.9 60.1 111.7

85 55.6 38.9 72.3



#46

Tetrachloroethene

Concen: 25.744 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

Tgt Ion:164 Resp: 187508

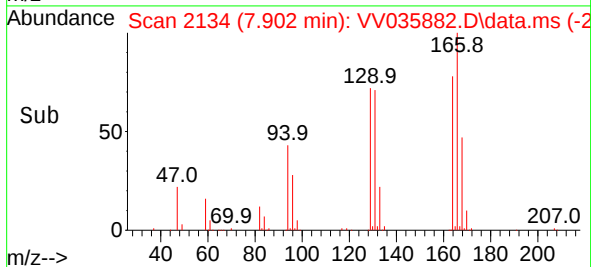
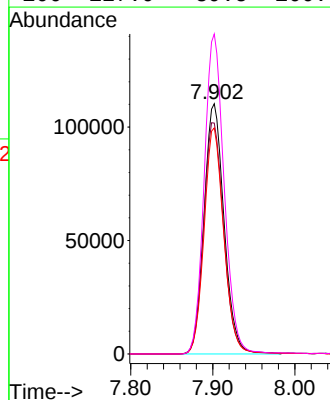
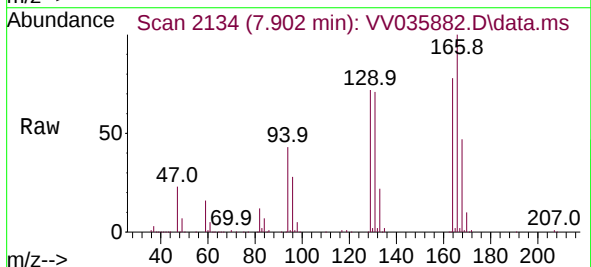
Ion Ratio Lower Upper

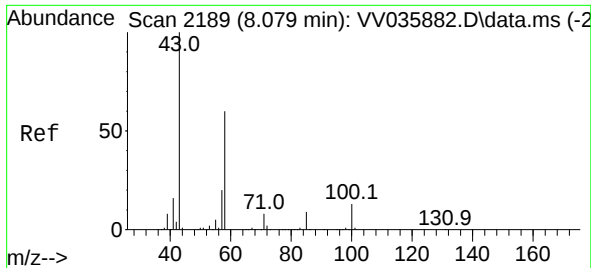
164 100

129 92.3 64.6 120.0

131 90.3 63.2 117.4

166 127.9 89.5 166.3

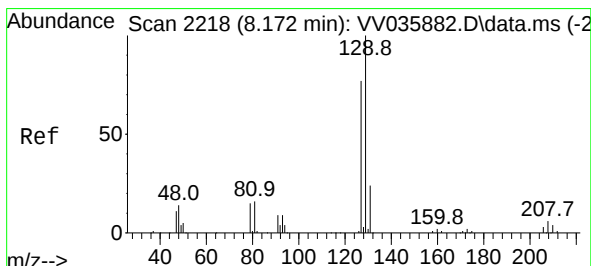
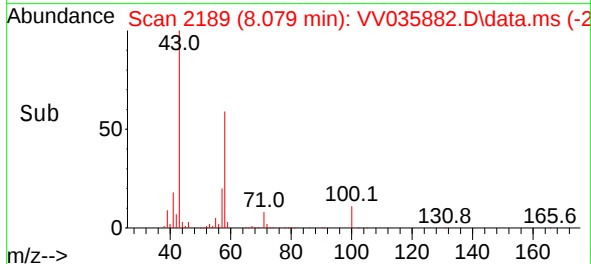
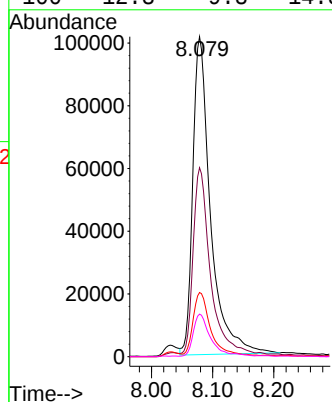
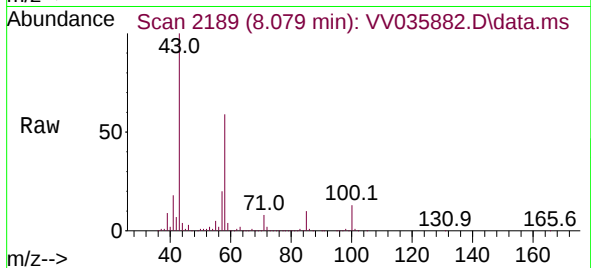




#48
2-Hexanone
Concen: 54.185 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

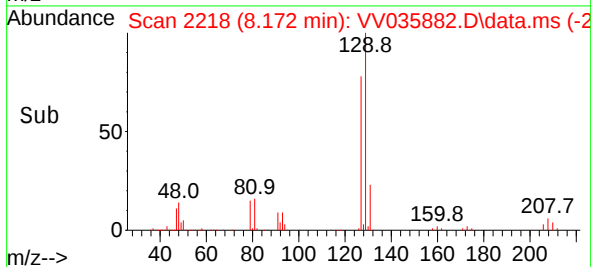
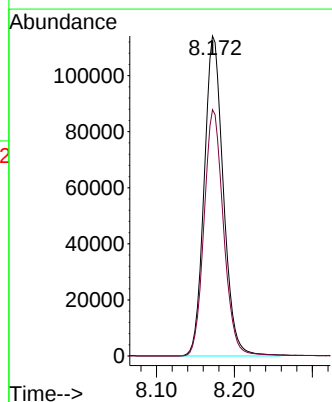
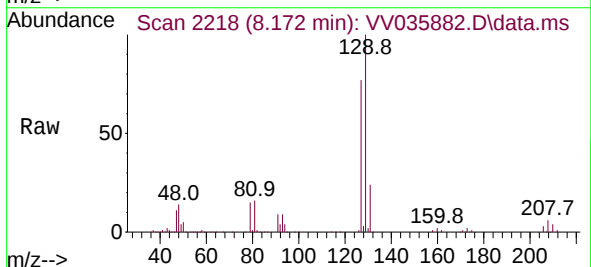
Instrument :
MSVOA_V
ClientSampleId :

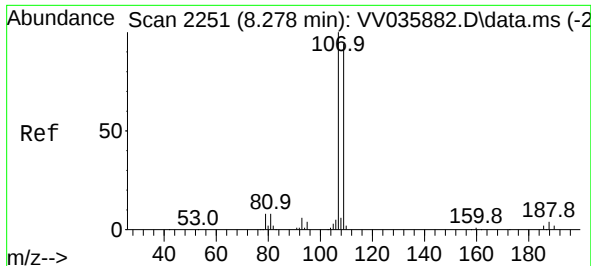
Tgt Ion: 43 Resp: 204116
Ion Ratio Lower Upper
43 100
58 56.7 45.4 68.0
57 19.8 15.8 23.8
100 12.3 9.8 14.8



#49
Dibromochloromethane
Concen: 24.833 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

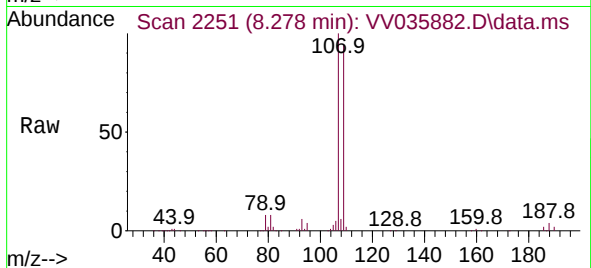
Tgt Ion:129 Resp: 194560
Ion Ratio Lower Upper
129 100
127 77.0 53.9 100.1



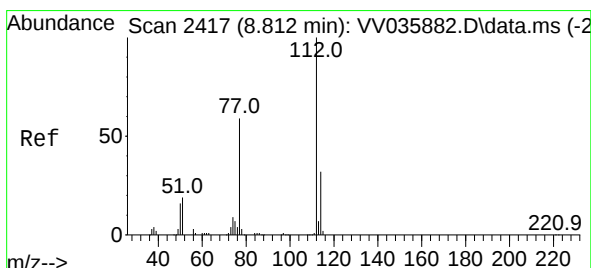
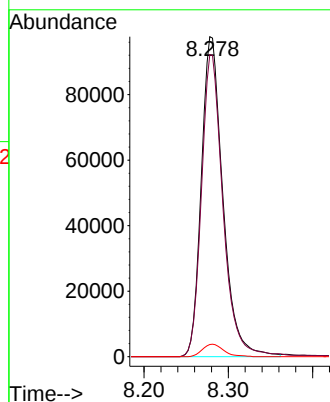
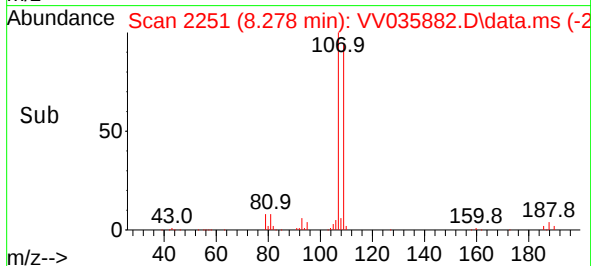


#50
1,2-Dibromoethane
Concen: 25.245 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

Instrument :
MSVOA_V
ClientSampleId :

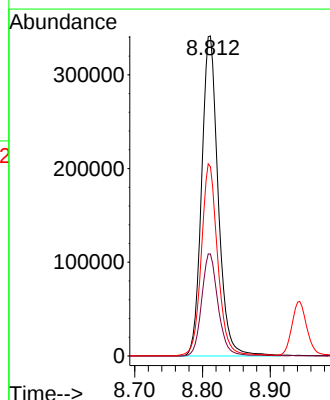
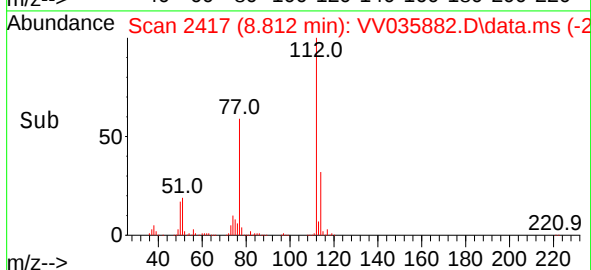
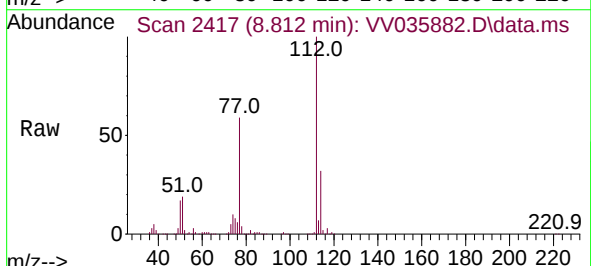


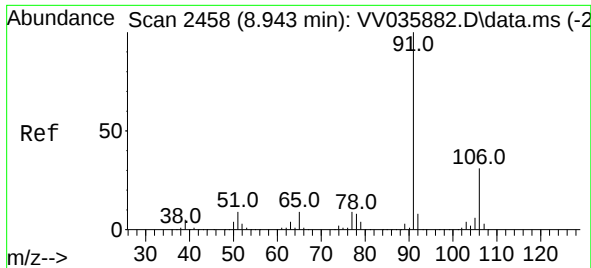
Tgt Ion:107 Resp: 173912
Ion Ratio Lower Upper
107 100
109 94.4 66.1 122.7
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 25.025 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

Tgt Ion:112 Resp: 578938
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 59.1 47.3 70.9

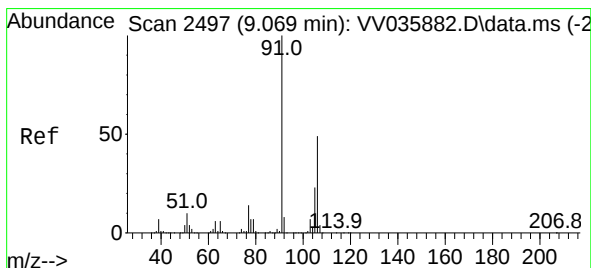
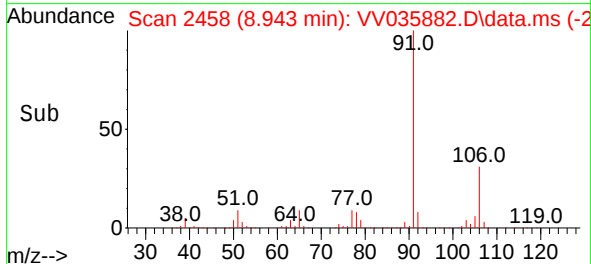
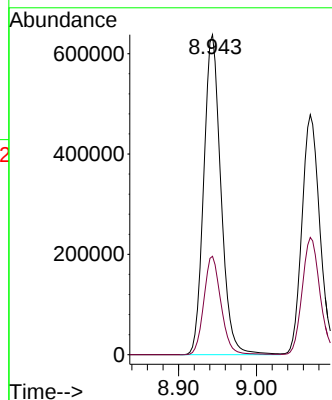
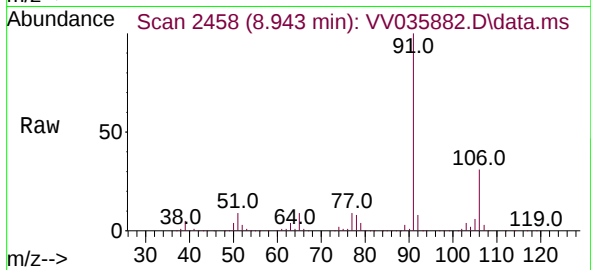




#52
Ethylbenzene
Concen: 26.484 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

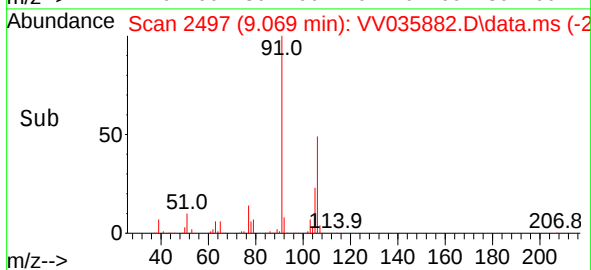
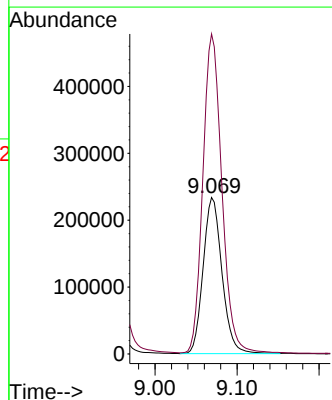
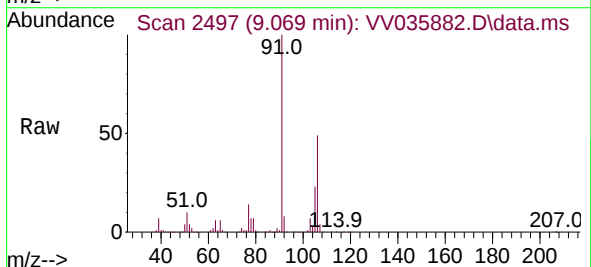
Instrument :
MSVOA_V
ClientSampleId :

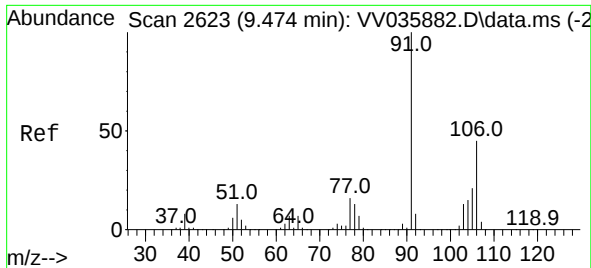
Tgt Ion: 91 Resp: 977070
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.0



#53
m,p-Xylene
Concen: 26.716 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

Tgt Ion: 106 Resp: 372738
Ion Ratio Lower Upper
106 100
91 204.5 143.1 265.9

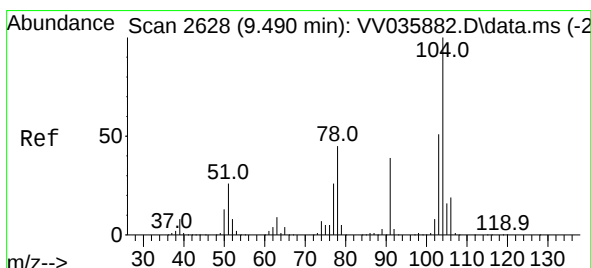
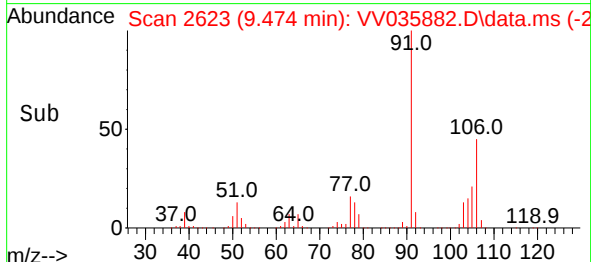
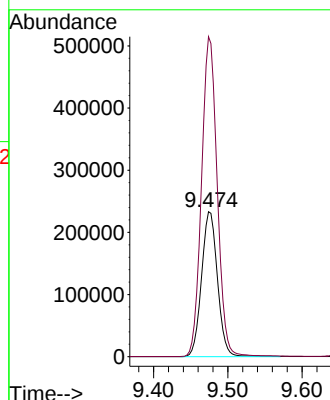
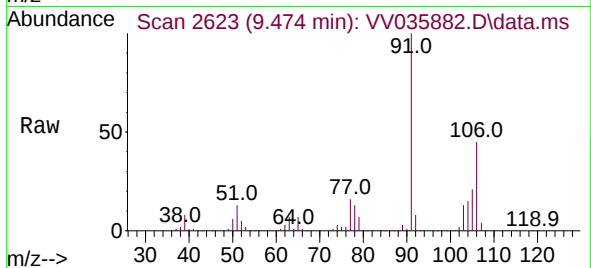




#54
o-Xylene
Concen: 26.291 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

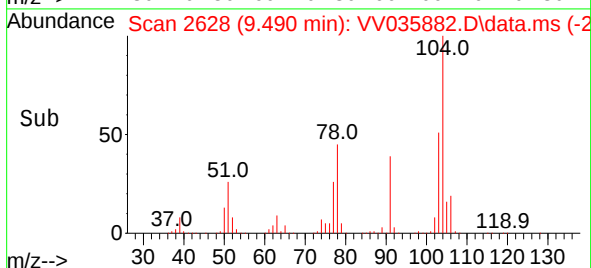
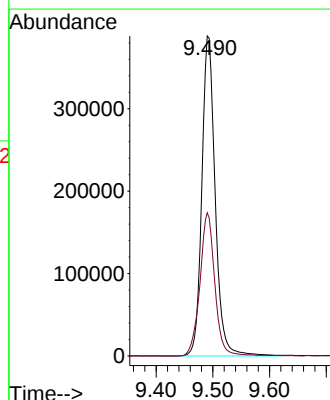
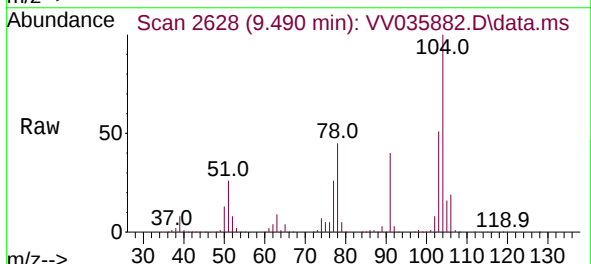
Instrument :
MSVOA_V
ClientSampleId :

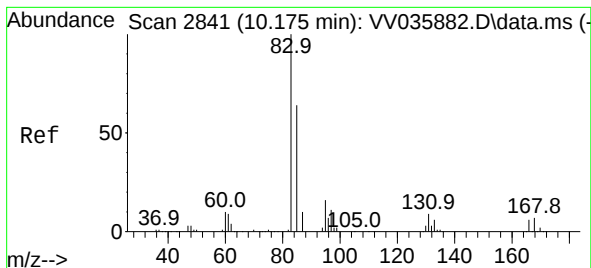
Tgt Ion:106 Resp: 346750
Ion Ratio Lower Upper
106 100
91 220.7 154.5 286.9



#55
Styrene
Concen: 27.660 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

Tgt Ion:104 Resp: 637868
Ion Ratio Lower Upper
104 100
78 44.8 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 18.720 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

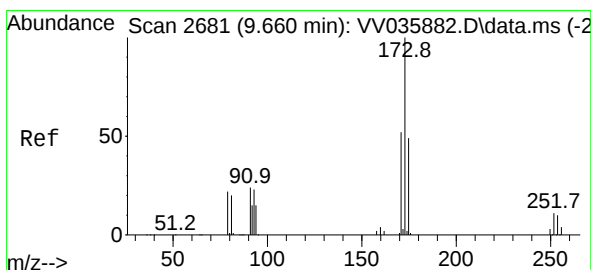
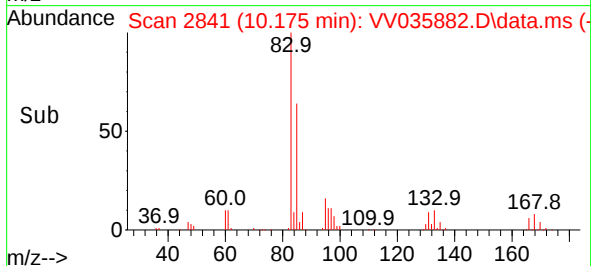
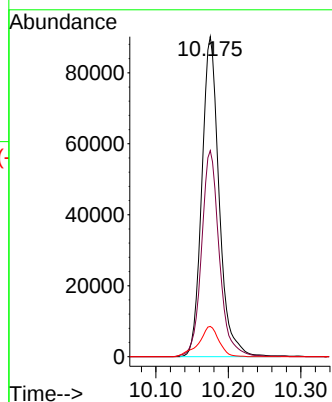
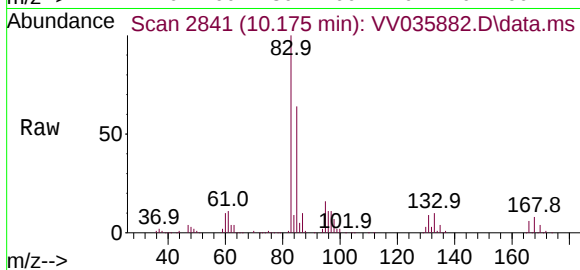
Tgt Ion: 83 Resp: 149626

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

131 9.5 7.6 11.4



#59

Bromoform

Concen: 24.539 ug/L

RT: 9.660 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

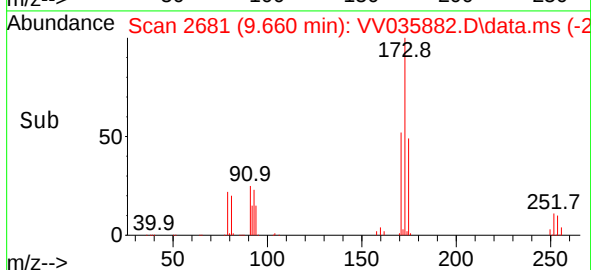
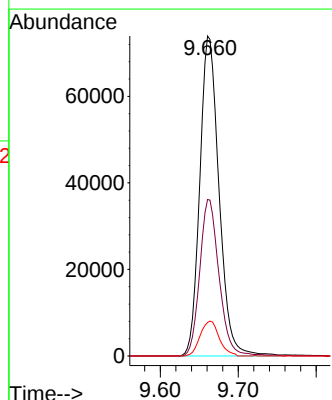
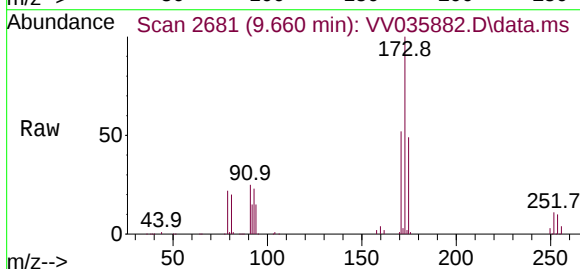
Tgt Ion: 173 Resp: 126823

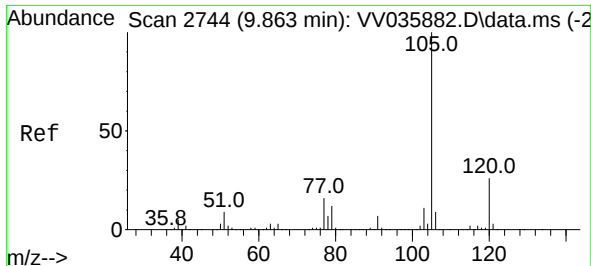
Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.6

254 10.8 8.6 13.0

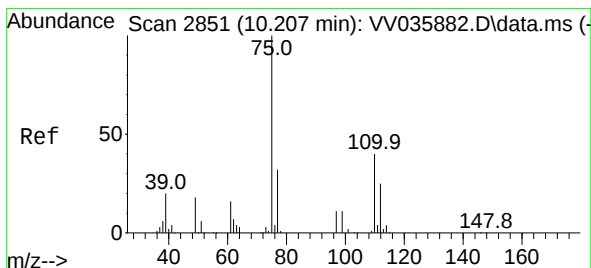
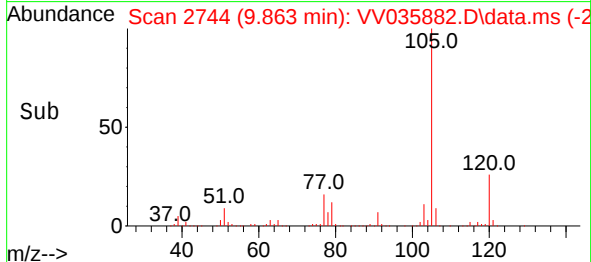
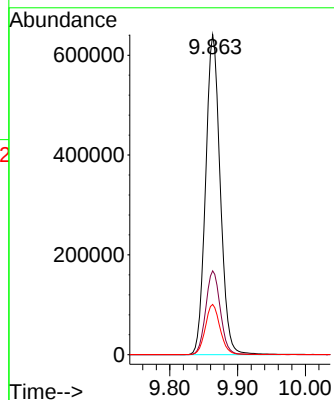
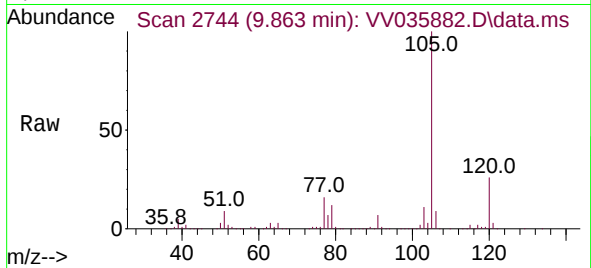




#60
Isopropylbenzene
Concen: 27.198 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

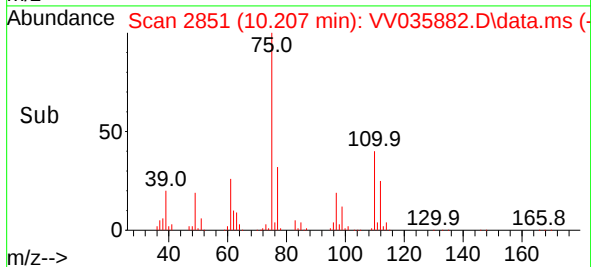
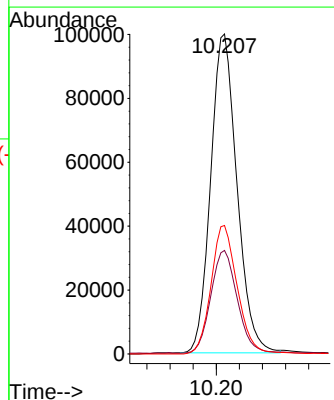
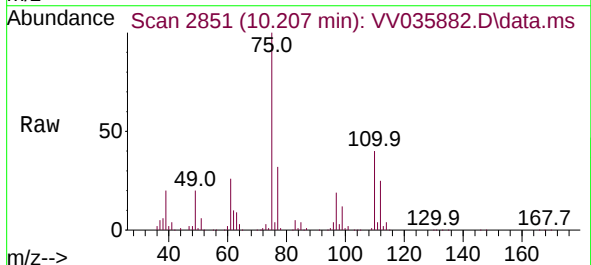
Instrument :
MSVOA_V
ClientSampleId :

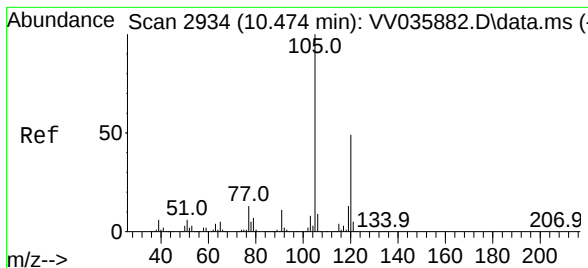
Tgt Ion:105 Resp: 959933
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 25.308 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

Tgt Ion: 75 Resp: 157646
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 40.3 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 25.736 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

Instrument :

MSVOA_V

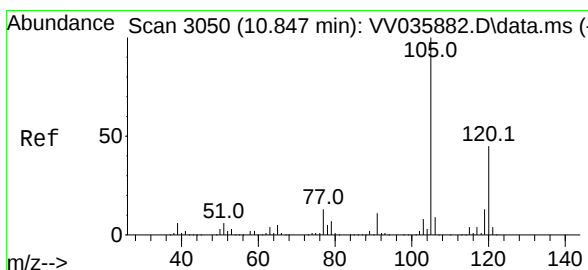
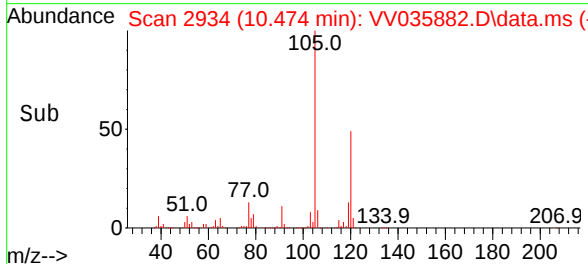
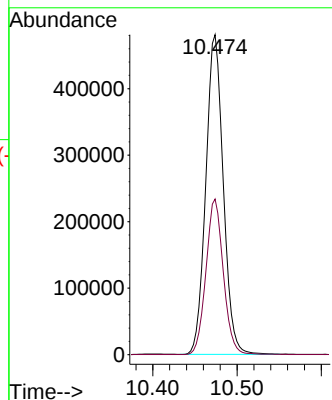
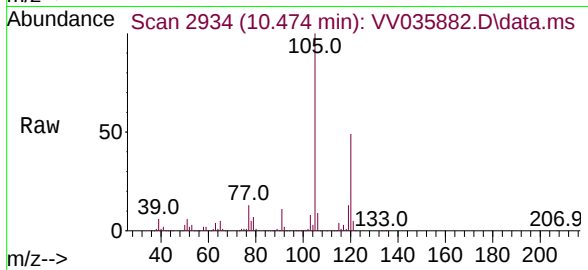
ClientSampleId :

Tgt Ion:105 Resp: 695238

Ion Ratio Lower Upper

105 100

120 48.3 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 26.970 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV035882.D

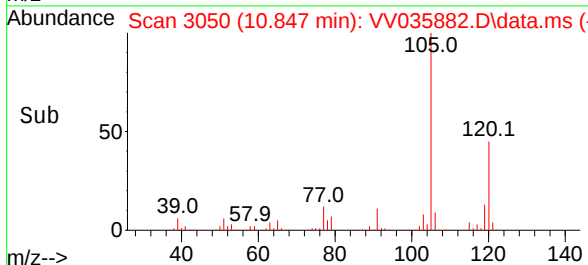
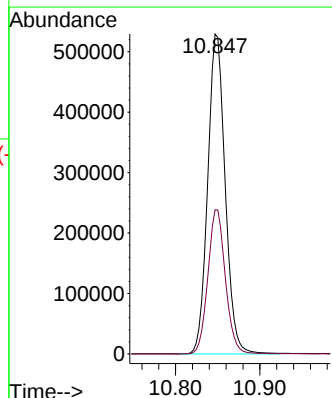
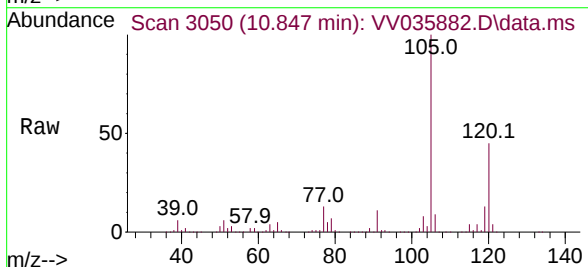
Acq: 30 May 2024 09:52

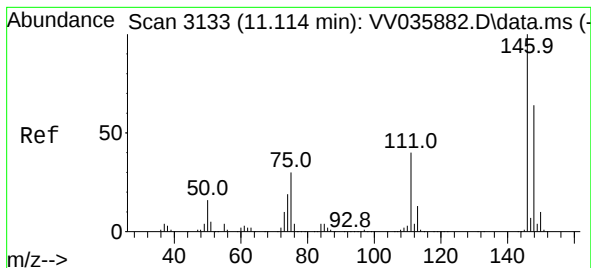
Tgt Ion:105 Resp: 763973

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 25.489 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

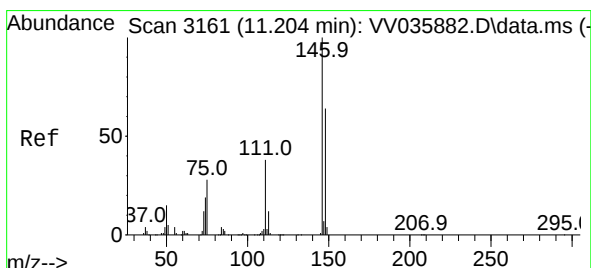
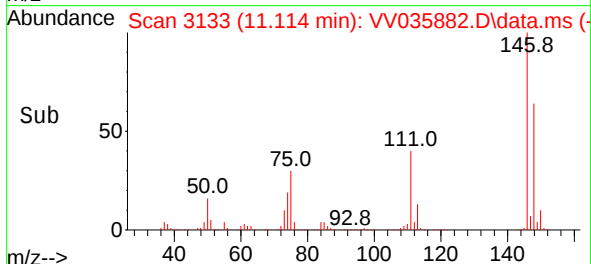
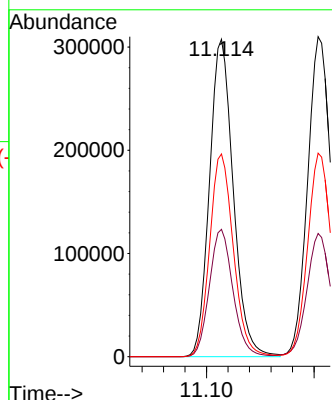
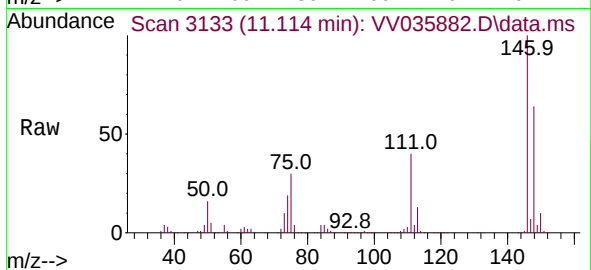
Tgt Ion:146 Resp: 471935

Ion Ratio Lower Upper

146 100

111 40.1 28.1 52.1

148 63.9 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 25.343 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

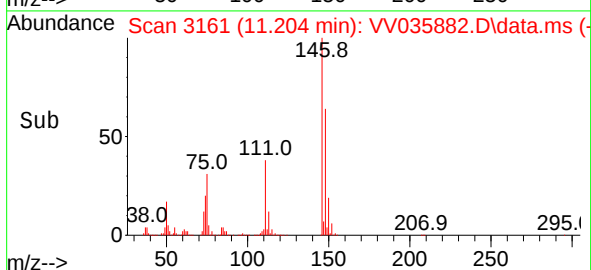
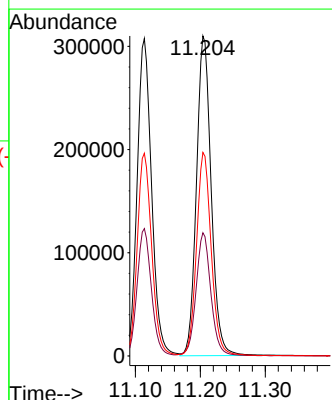
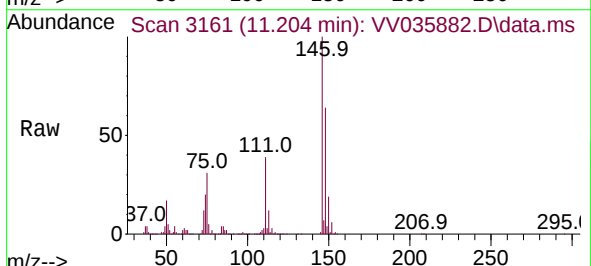
Tgt Ion:146 Resp: 488692

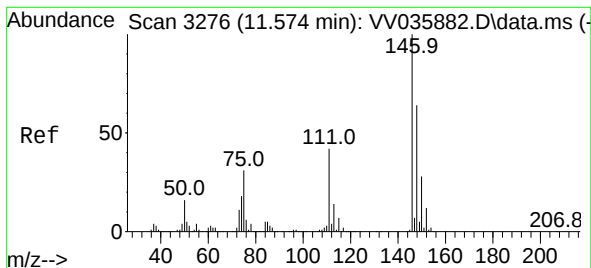
Ion Ratio Lower Upper

146 100

111 38.5 26.9 50.1

148 63.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 25.220 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

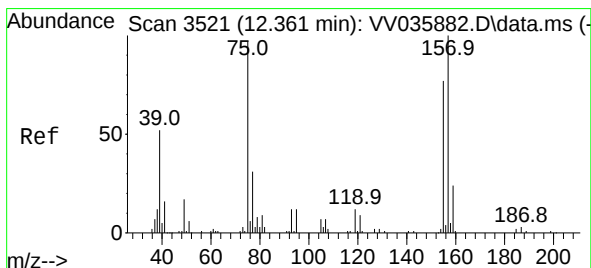
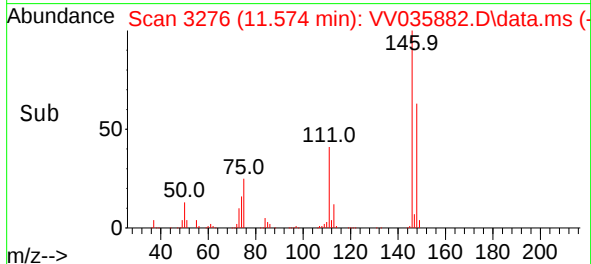
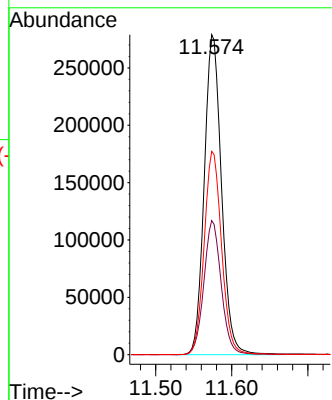
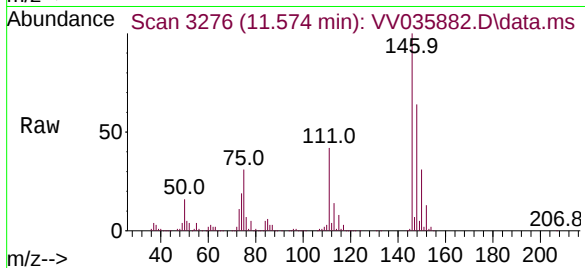
Tgt Ion:146 Resp: 440221

Ion Ratio Lower Upper

146 100

111 41.9 33.5 50.3

148 63.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 24.945 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

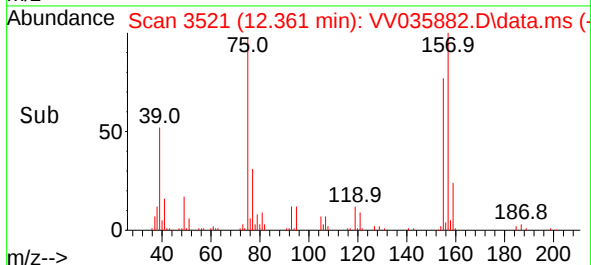
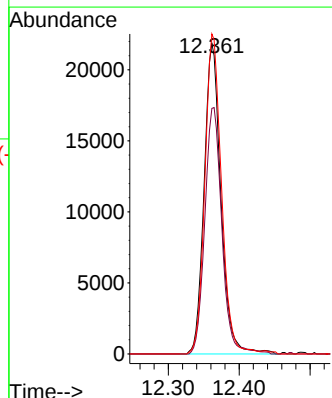
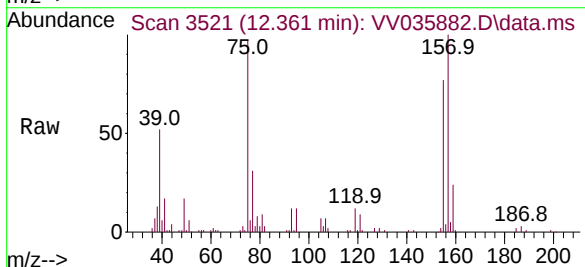
Tgt Ion: 75 Resp: 36060

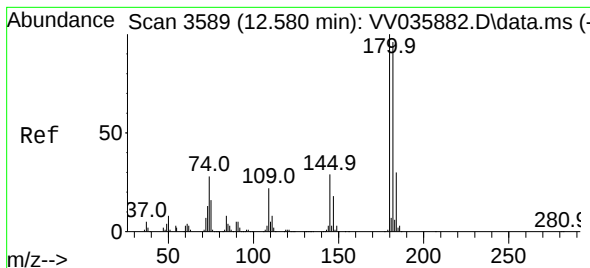
Ion Ratio Lower Upper

75 100

155 79.1 63.3 94.9

157 103.0 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 24.090 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

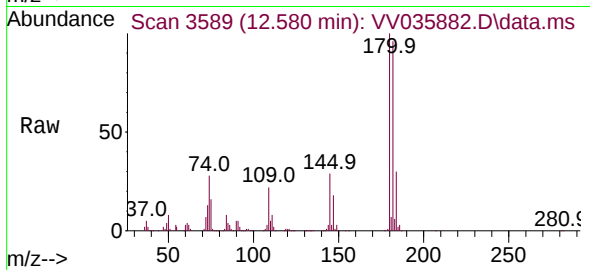
Lab File: VV035882.D

Acq: 30 May 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 345135

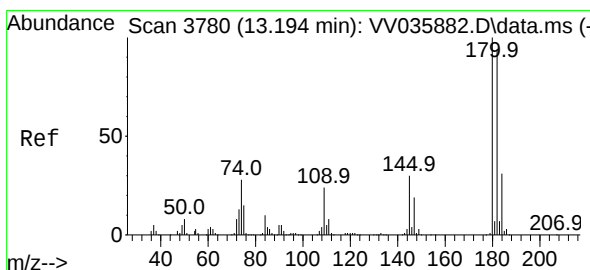
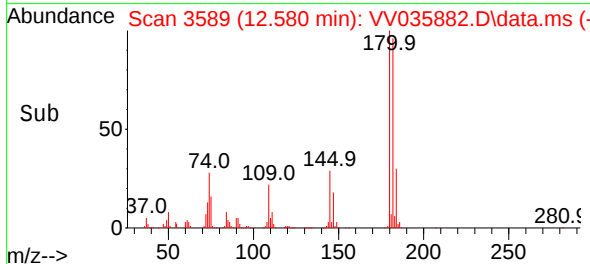
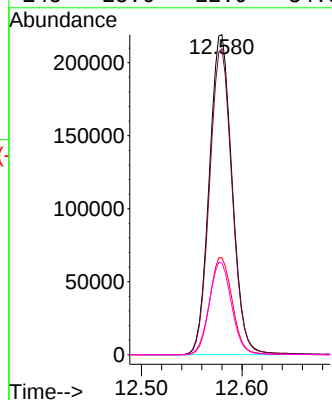
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

184 30.2 24.2 36.2

145 28.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 23.209 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035882.D

Acq: 30 May 2024 09:52

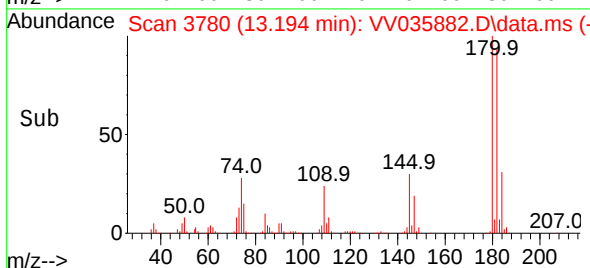
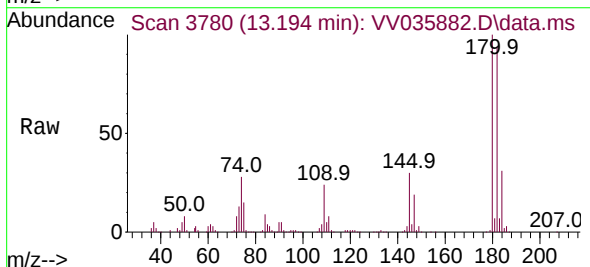
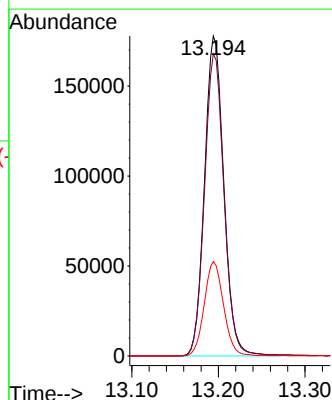
Tgt Ion:180 Resp: 275995

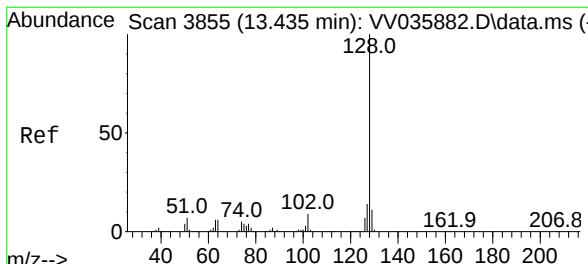
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 29.4 23.5 35.3

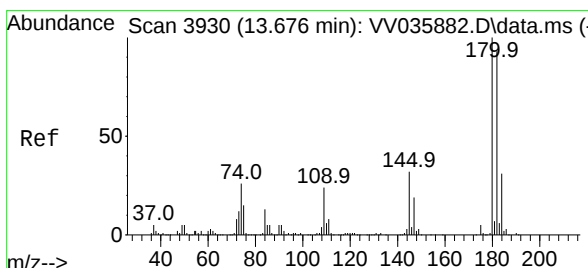
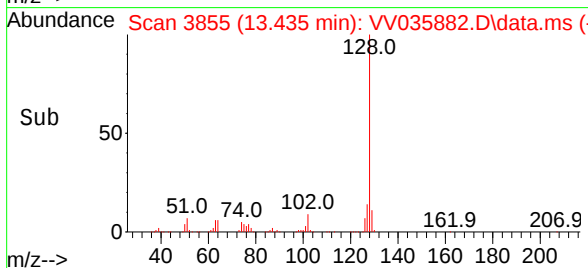
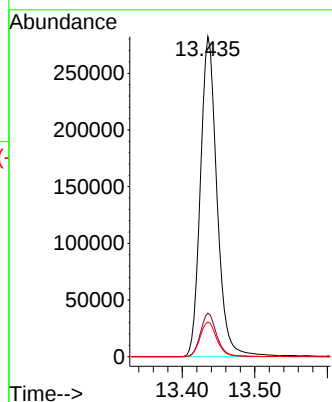
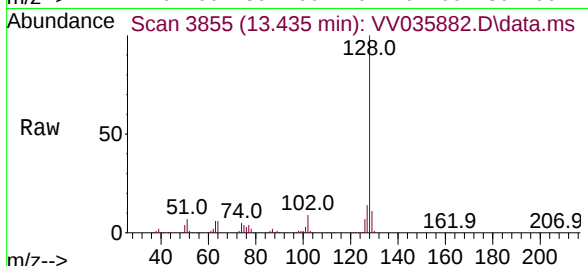




#71
Naphthalene
Concen: 21.654 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	448573
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	11.0	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 24.351 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035882.D
Acq: 30 May 2024 09:52

Tgt Ion:	180	Resp:	263554
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.1	112.7
145	31.5	25.2	37.8

