

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
 Data File : VV037922.D
 Acq On : 06 Nov 2024 11:17
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 06 21:27:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 21:26:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	316054	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	328656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	179295	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	116606	4.820	ug/L	0.00
7) Chloroethane-d5	1.532	69	96508	4.895	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	50284	4.790	ug/L	0.00
20) 2-Butanone-d5	3.799	46	224922	53.899	ug/L	0.00
24) Chloroform-d	4.243	84	223458	5.067	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	99607	4.932	ug/L	0.00
32) Benzene-d6	4.953	84	421963	4.978	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	123857	4.595	ug/L	0.00
41) Toluene-d8	7.236	98	400190	5.254	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	46674	5.042	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	193377	53.731	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	99297	4.976	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	141099	4.771	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	158223	5.015	ug/L	100
3) Chloromethane	1.214	50	149169	5.025	ug/L	100
5) Vinyl chloride	1.281	62	150635	5.099	ug/L	100
6) Bromomethane	1.487	94	83102	4.973	ug/L	100
8) Chloroethane	1.548	64	90413	5.144	ug/L	100
9) Trichlorofluoromethane	1.712	101	207906	5.065	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	118727	5.054	ug/L	100
12) 1,1-Dichloroethene	2.066	96	110716	5.129	ug/L	100
13) Acetone	2.133	43	164645	51.442	ug/L	100
14) Carbon disulfide	2.236	76	373983	5.106	ug/L	100
15) Methyl Acetate	2.384	43	39147	5.167	ug/L	100
16) Methylene chloride	2.442	84	124977	4.959	ug/L	100
17) Methyl tert-butyl Ether	2.699	73	250635	5.192	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	119301	5.116	ug/L	100
19) 1,1-Dichloroethane	3.104	63	219376	5.179	ug/L	100
21) 2-Butanone	3.883	43	241524	55.115	ug/L	100
22) cis-1,2-Dichloroethene	3.809	96	127226	5.178	ug/L	100
23) Bromochloromethane	4.143	128	57797	5.210	ug/L	100
25) Chloroform	4.268	83	230368	5.176	ug/L	100
27) 1,2-Dichloroethane	5.037	62	130552	5.295	ug/L	100
29) 1,1,1-Trichloroethane	4.506	97	199670	5.082	ug/L	100
30) Cyclohexane	4.574	56	177265	5.092	ug/L	100
31) Carbon tetrachloride	4.728	117	176020	5.105	ug/L	100
33) Benzene	5.005	78	475569	5.266	ug/L	100
34) Trichloroethene	5.828	95	126443	5.056	ug/L	100
35) Methylcyclohexane	6.043	83	187561	5.032	ug/L	100
37) 1,2-Dichloropropane	6.088	63	120051	5.318	ug/L	100
38) Bromodichloromethane	6.429	83	153168	5.115	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	167288	5.222	ug/L	100
40) 4-Methyl-2-pentanone	7.152	43	618858	55.605	ug/L	100
42) Toluene	7.310	91	515768	5.397	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	140442	5.260	ug/L	100

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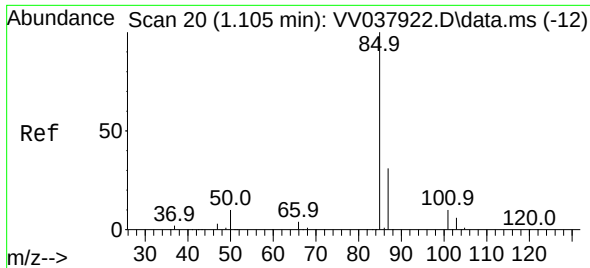
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 06 21:27:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.763	97	91152	5.271	ug/L	100
47) Tetrachloroethene	7.898	164	101487	5.221	ug/L	100
48) 2-Hexanone	8.072	43	434744	56.069	ug/L	100
49) Dibromochloromethane	8.169	129	99949	5.117	ug/L	100
50) 1,2-Dibromoethane	8.278	107	84345	5.290	ug/L	100
51) Chlorobenzene	8.808	112	335757	5.137	ug/L	100
52) Ethylbenzene	8.940	91	546273	5.307	ug/L	100
53) m,p-Xylene	9.066	106	211948	5.398	ug/L	100
54) o-Xylene	9.471	106	199476	5.338	ug/L	100
55) Styrene	9.490	104	353506	5.601	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	102195	5.152	ug/L	100
59) Bromoform	9.660	173	53004	5.073	ug/L	100
60) Isopropylbenzene	9.860	105	543340	5.200	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	71858	5.125	ug/L	100
62) 1,3,5-Trimethylbenzene	10.467	105	420098	5.114	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	423694	5.228	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	271875	5.139	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	275685	5.046	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	253589	5.184	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	14836	4.874	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	185220	4.961	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	149687	5.106	ug/L	100
71) Naphthalene	13.435	128	200647	5.058	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	127692	5.052	ug/L	100

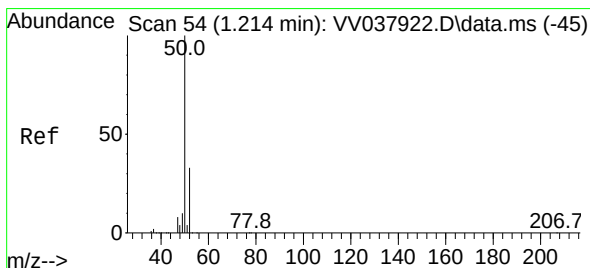
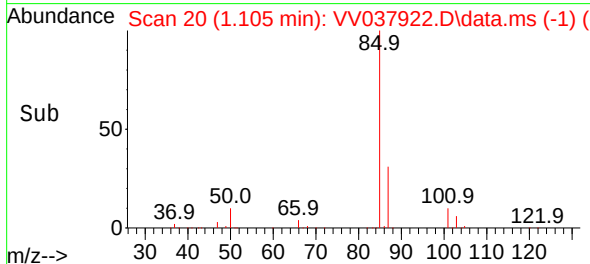
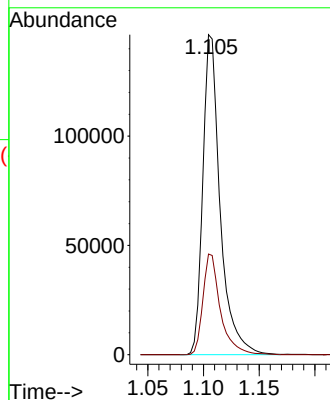
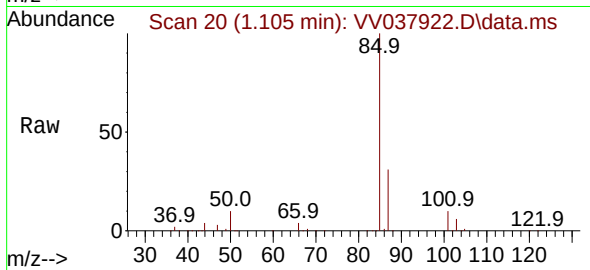
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.015 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037922.D
 Acq: 06 Nov 2024 11:17

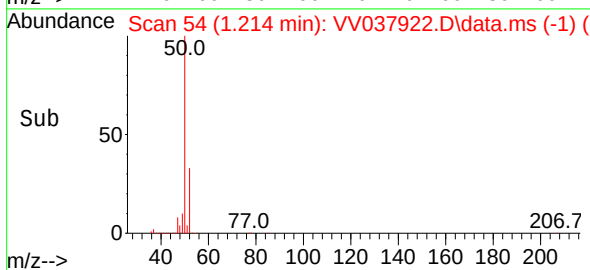
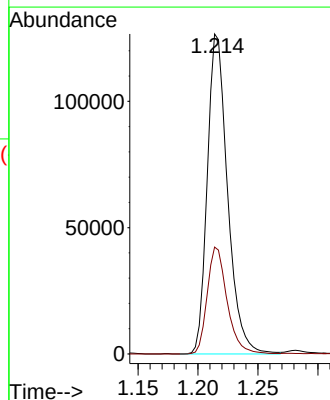
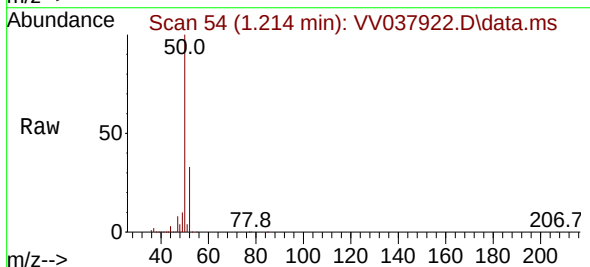
Instrument :
 MSVOA_V
 ClientSampleId :

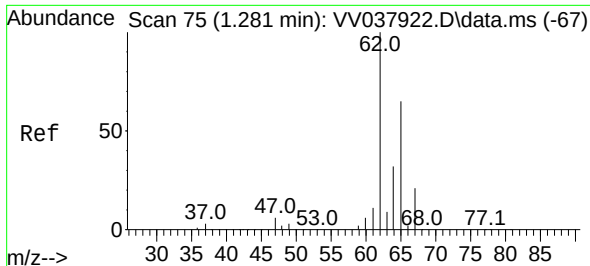
Tgt Ion: 85 Resp: 158223
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.4 38.0



#3
 Chloromethane
 Concen: 5.025 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037922.D
 Acq: 06 Nov 2024 11:17

Tgt Ion: 50 Resp: 149169
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.4

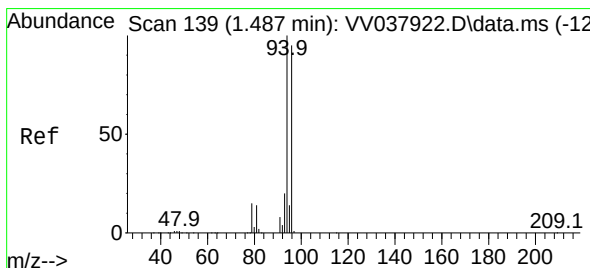
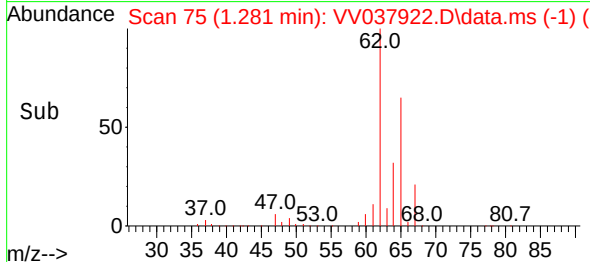
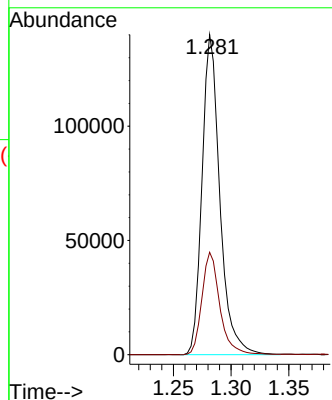
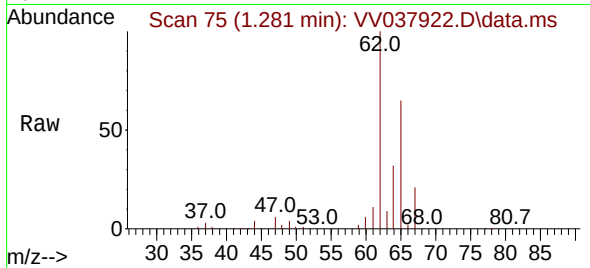




#5
 Vinyl chloride
 Concen: 5.099 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037922.D
 Acq: 06 Nov 2024 11:17

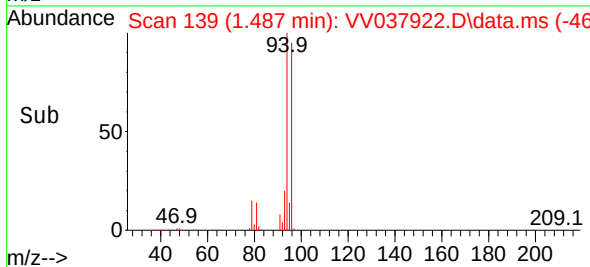
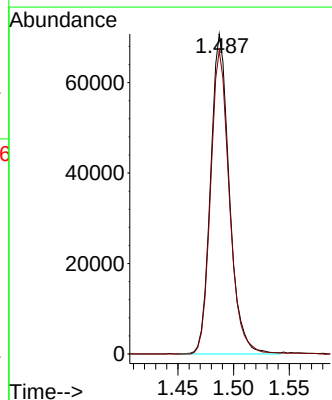
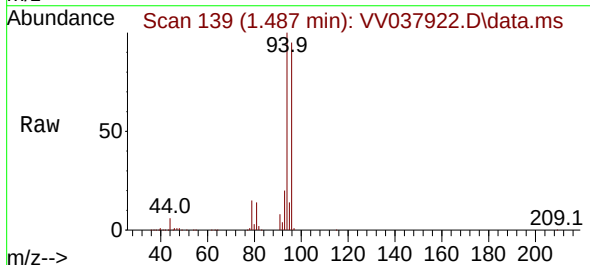
Instrument :
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 ClientSampleId :

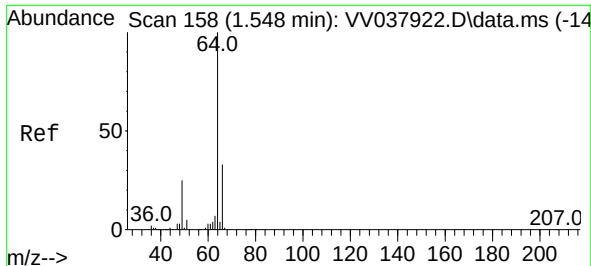
Tgt Ion: 62 Resp: 150635
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.4 41.6



#6
 Bromomethane
 Concen: 4.973 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037922.D
 Acq: 06 Nov 2024 11:17

Tgt Ion: 94 Resp: 83102
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.3 123.1

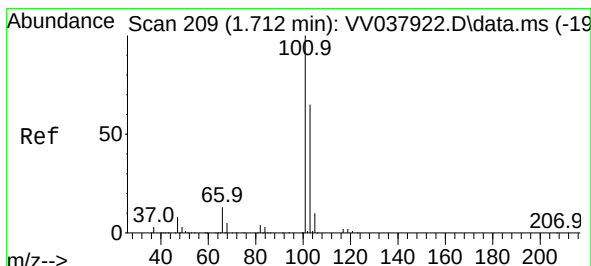
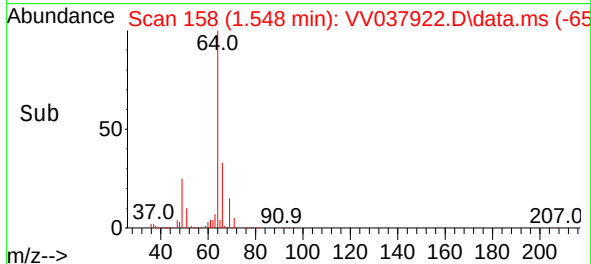
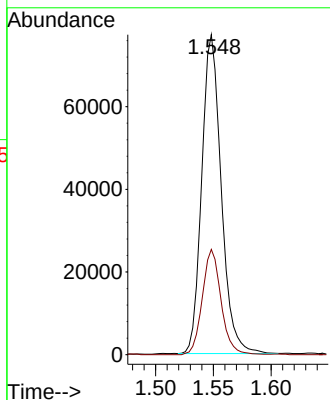
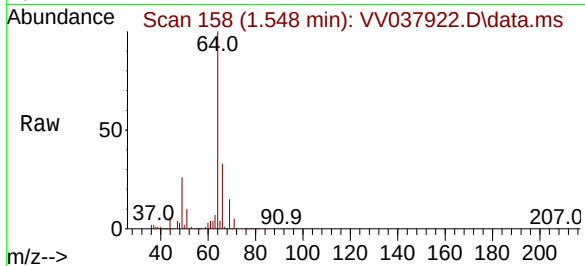




#8
Chloroethane
Concen: 5.144 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

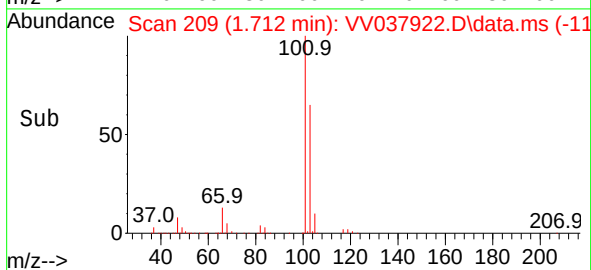
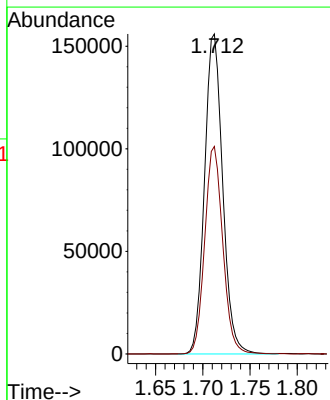
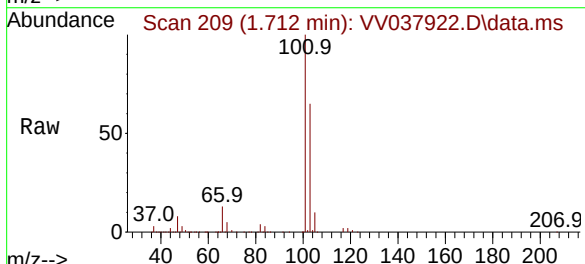
Instrument :
MSVOA_V
ClientSampleId :

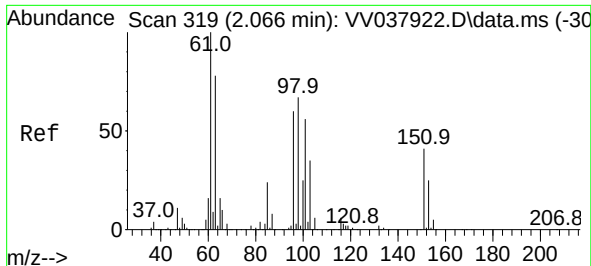
Tgt Ion: 64 Resp: 90413
Ion Ratio Lower Upper
64 100
66 32.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.065 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Tgt Ion:101 Resp: 207906
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

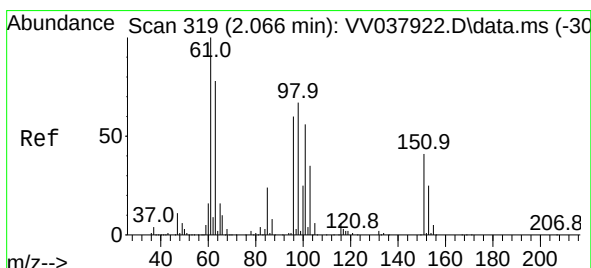
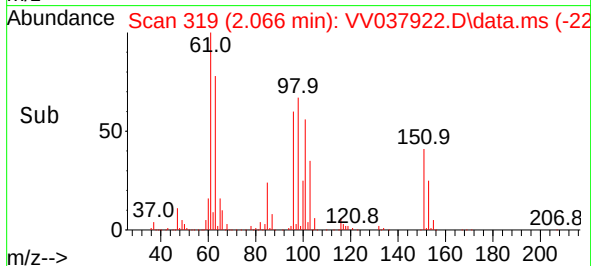
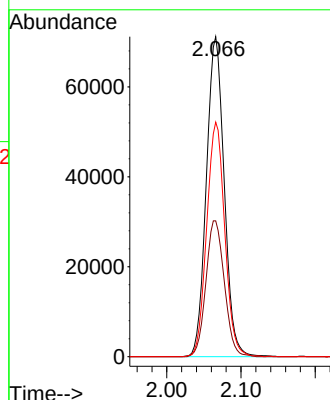
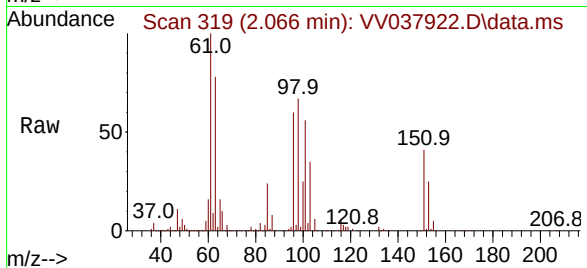




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.054 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037922.D
 Acq: 06 Nov 2024 11:17

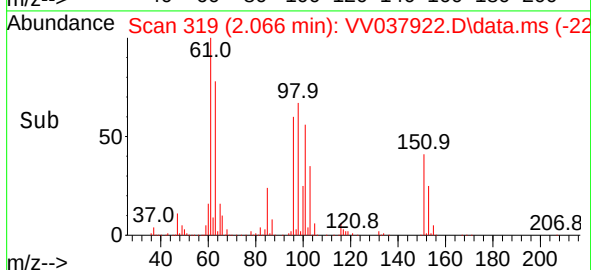
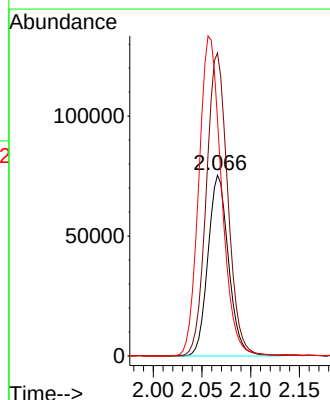
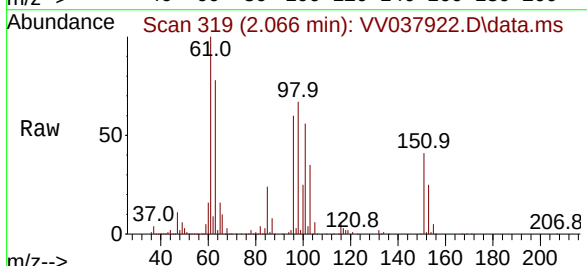
Instrument :
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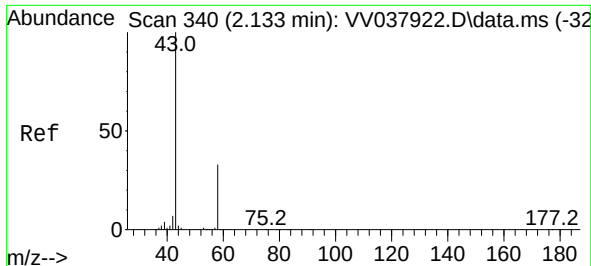
Tgt Ion:101 Resp: 118727
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.0 52.6
 151 74.0 59.2 88.8



#12
 1,1-Dichloroethene
 Concen: 5.129 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037922.D
 Acq: 06 Nov 2024 11:17

Tgt Ion: 96 Resp: 110716
 Ion Ratio Lower Upper
 96 100
 61 167.7 117.4 218.0
 63 131.0 91.7 170.3





#13

Acetone

Concen: 51.442 ug/L

RT: 2.133 min Scan# 340

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

Instrument :

MSVOA_V

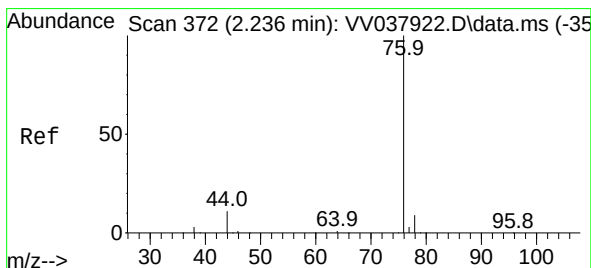
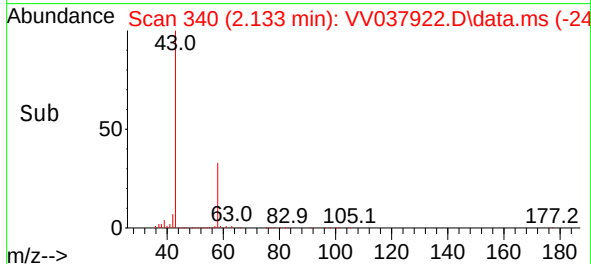
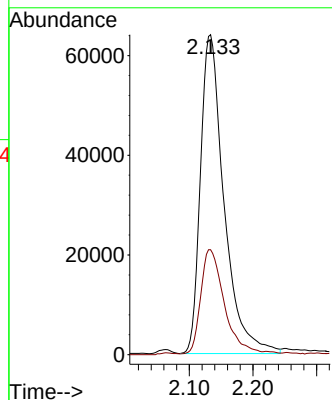
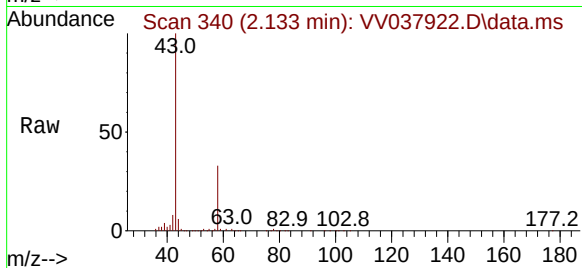
ClientSampleId :

Tgt Ion: 43 Resp: 164645

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.6



#14

Carbon disulfide

Concen: 5.106 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV037922.D

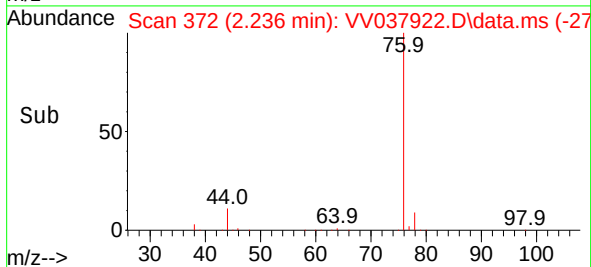
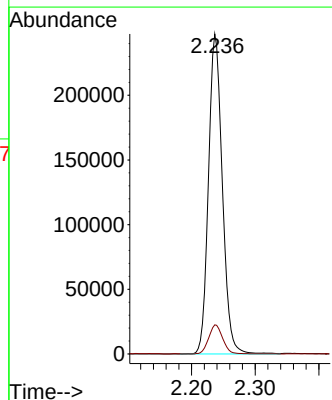
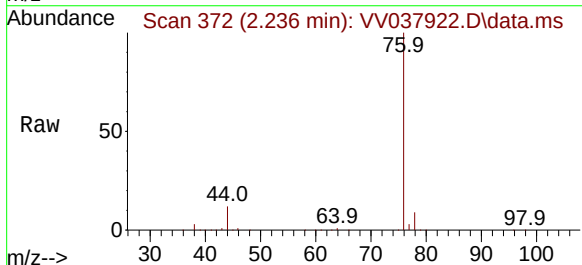
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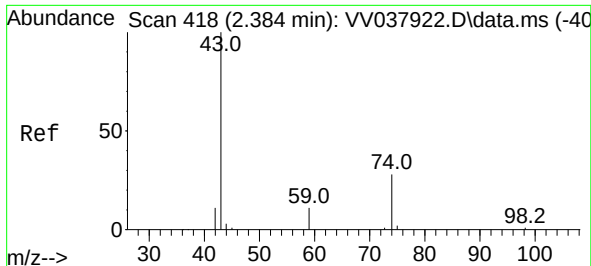
Tgt Ion: 76 Resp: 373983

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 5.167 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

Instrument :

MSVOA_V

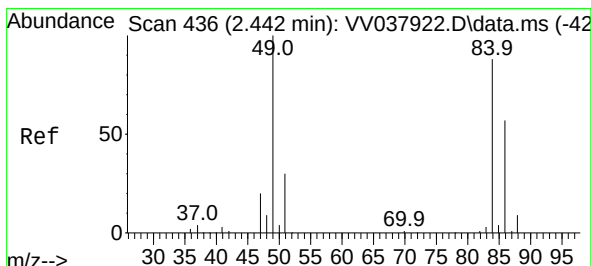
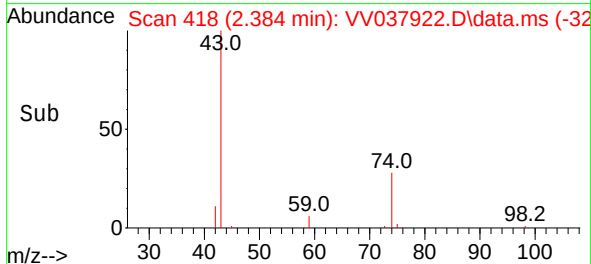
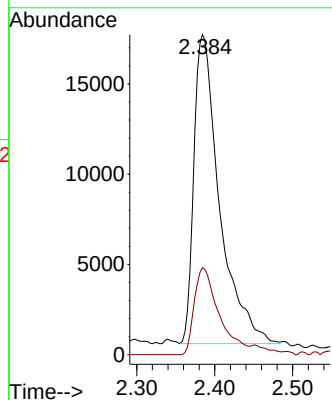
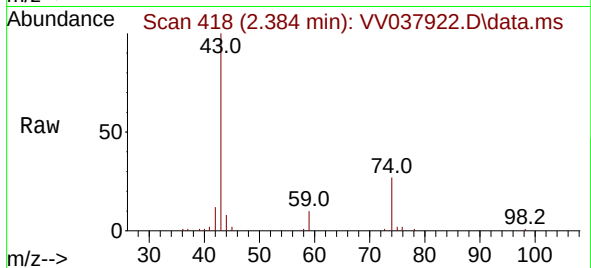
ClientSampleId :

Tgt Ion: 43 Resp: 39147

Ion Ratio Lower Upper

43 100

74 27.3 21.8 32.8



#16

Methylene chloride

Concen: 4.959 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

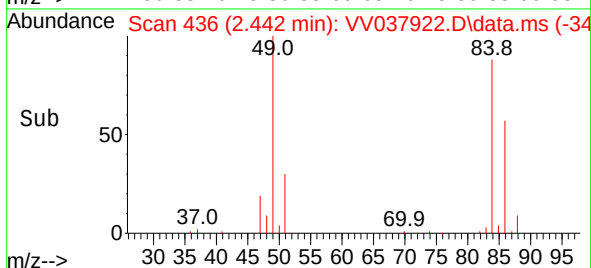
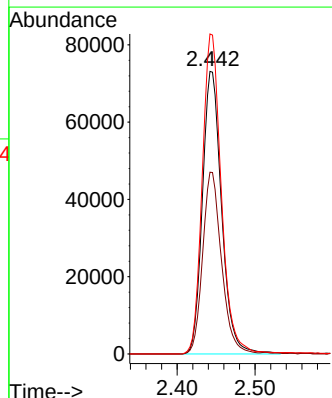
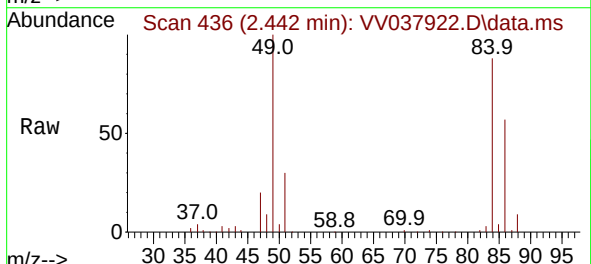
Tgt Ion: 84 Resp: 124977

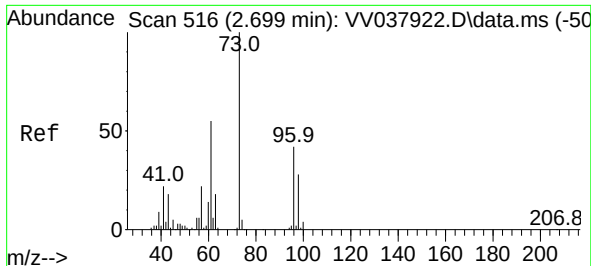
Ion Ratio Lower Upper

84 100

86 64.3 45.0 83.6

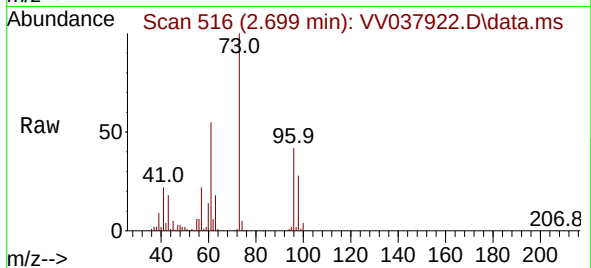
49 113.2 79.2 147.2



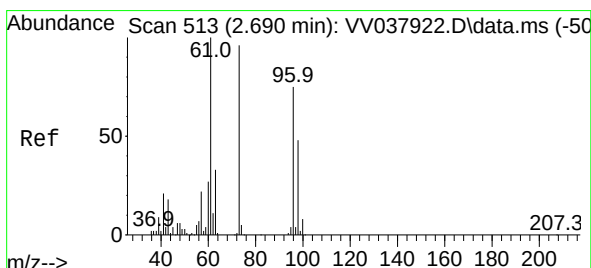
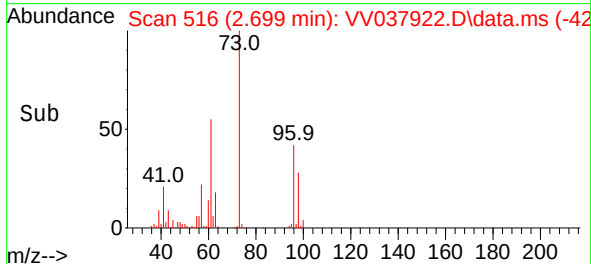
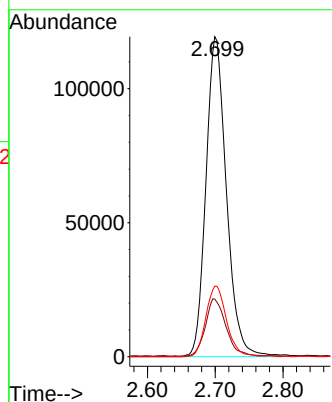


#17
Methyl tert-butyl Ether
Concen: 5.192 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Instrument :
MSVOA_V
ClientSampleId :

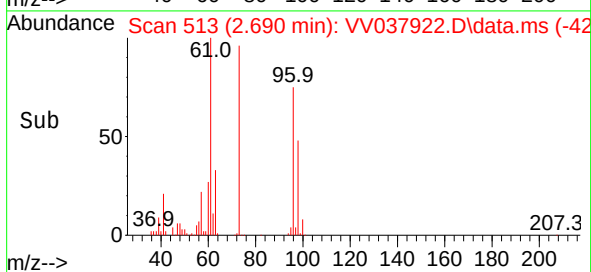
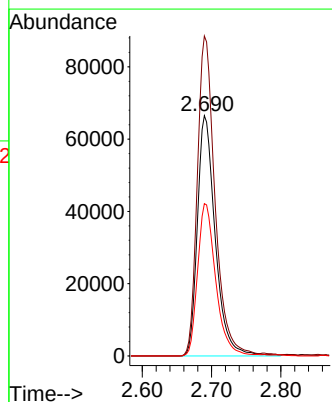
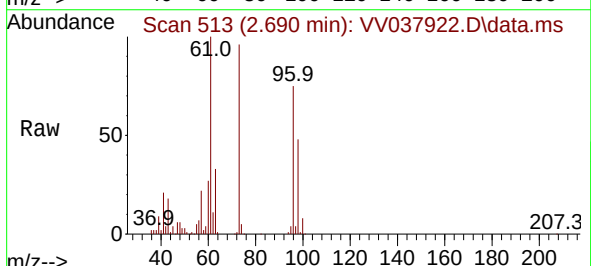


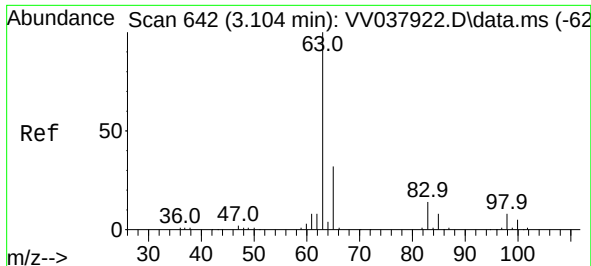
Tgt Ion: 73 Resp: 250635
Ion Ratio Lower Upper
73 100
43 18.0 14.4 21.6
57 22.2 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 5.116 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

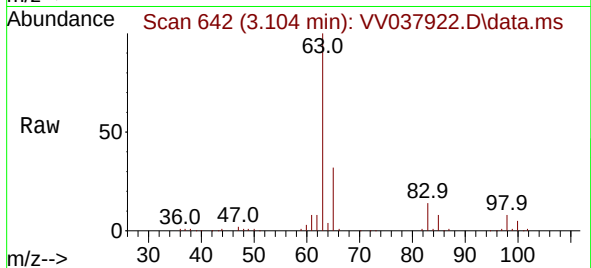
Tgt Ion: 96 Resp: 119301
Ion Ratio Lower Upper
96 100
61 133.1 93.2 173.0
98 63.4 44.4 82.4



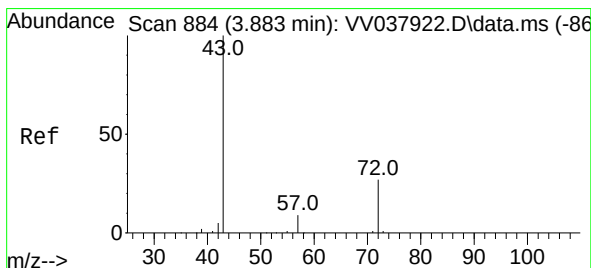
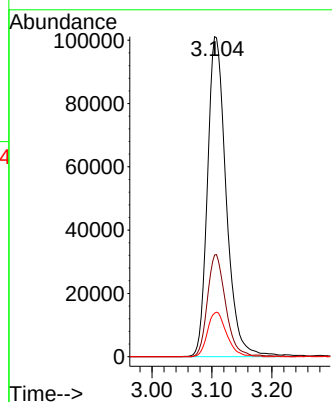
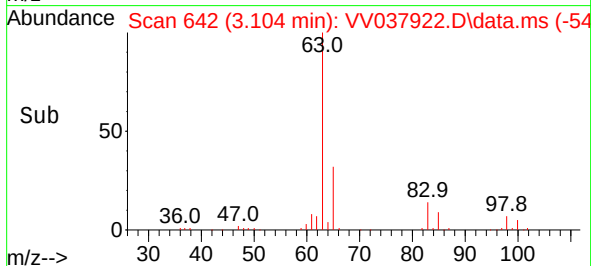


#19
1,1-Dichloroethane
Concen: 5.179 ug/L
RT: 3.104 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Instrument :
MSVOA_V
ClientSampleId :

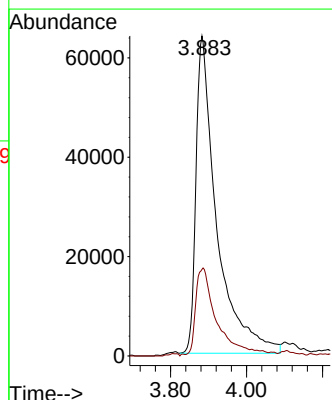
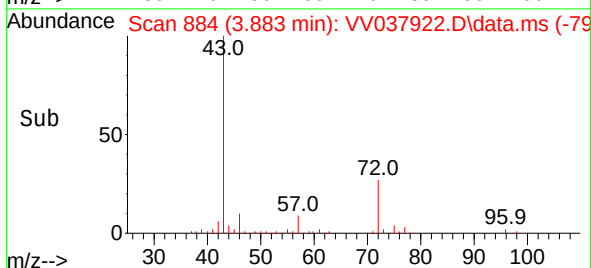
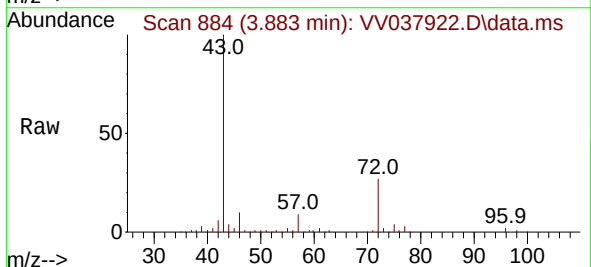


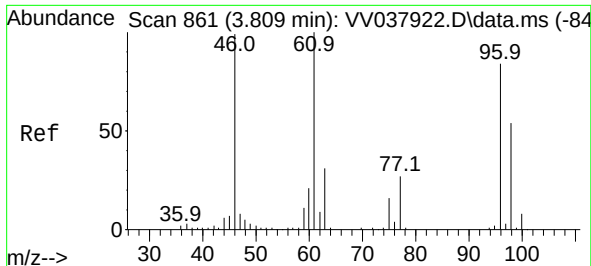
Tgt Ion: 63 Resp: 219376
Ion Ratio Lower Upper
63 100
65 31.8 22.3 41.3
83 13.6 9.5 17.7



#21
2-Butanone
Concen: 55.115 ug/L
RT: 3.883 min Scan# 884
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Tgt Ion: 43 Resp: 241524
Ion Ratio Lower Upper
43 100
72 26.0 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 5.178 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

Instrument :

MSVOA_V

ClientSampleId :

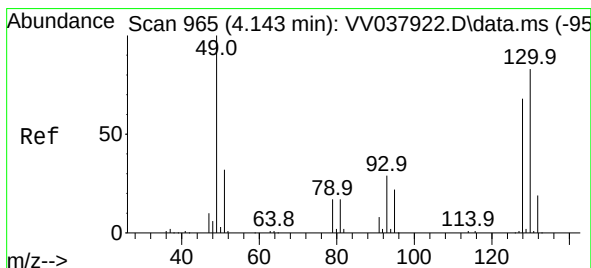
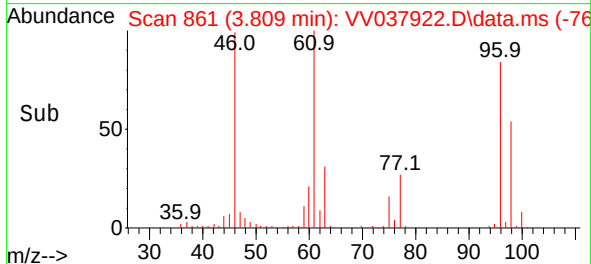
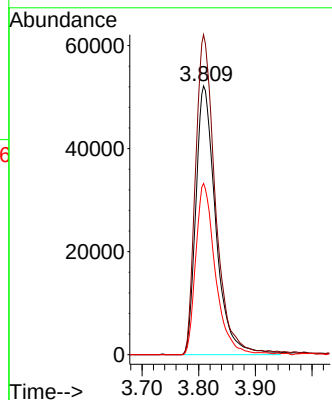
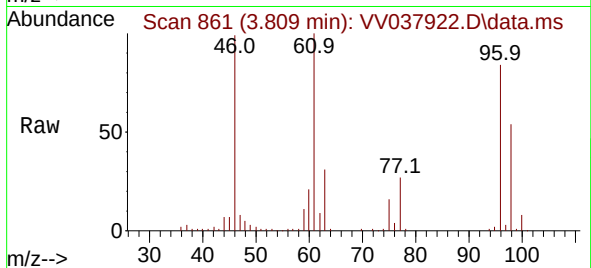
Tgt Ion: 96 Resp: 127226

Ion Ratio Lower Upper

96 100

61 119.1 83.4 154.8

98 63.7 44.6 82.8



#23

Bromochloromethane

Concen: 5.210 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

Tgt Ion:128 Resp: 57797

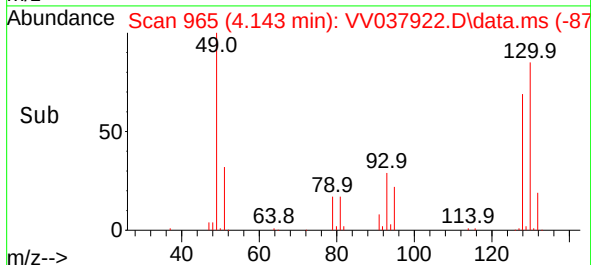
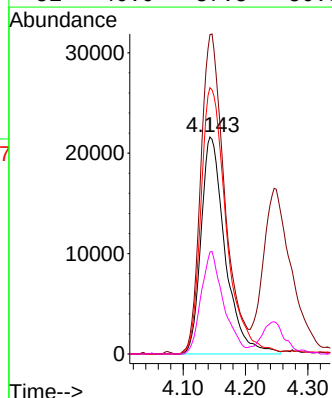
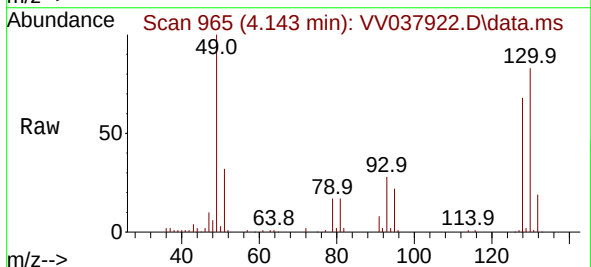
Ion Ratio Lower Upper

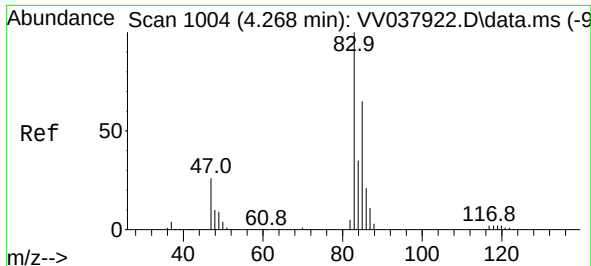
128 100

49 147.2 103.0 191.4

130 122.7 85.9 159.5

51 46.9 37.5 56.3





#25

Chloroform

Concen: 5.176 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

Instrument :

MSVOA_V

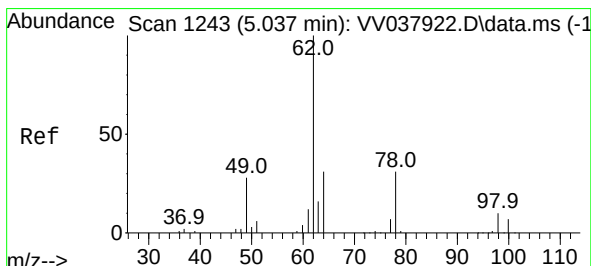
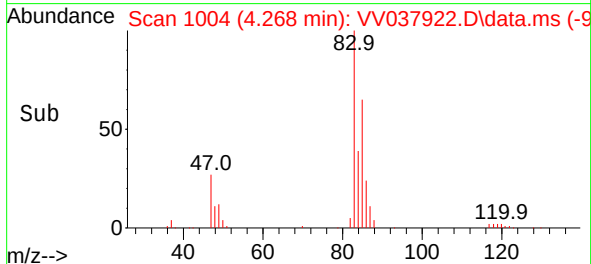
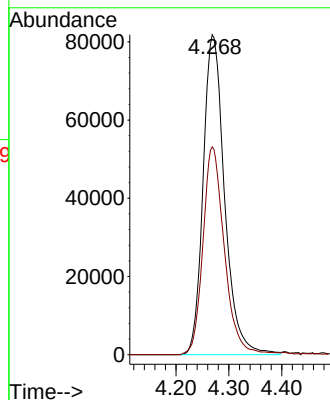
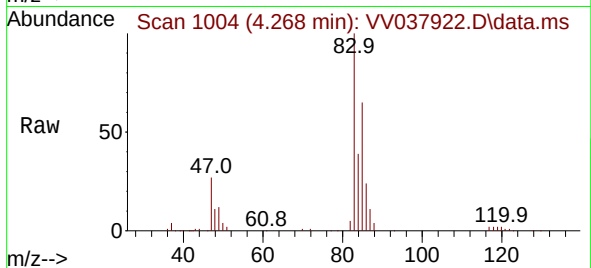
ClientSampleId :

Tgt Ion: 83 Resp: 230368

Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.295 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037922.D

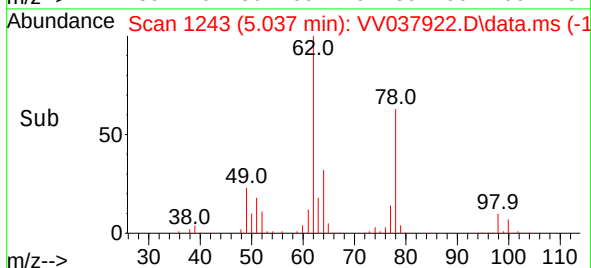
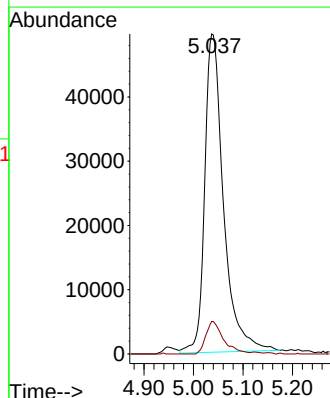
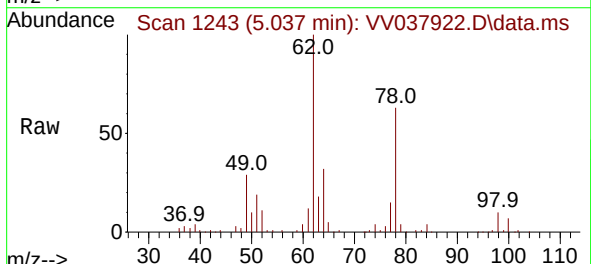
Acq: 06 Nov 2024 11:17

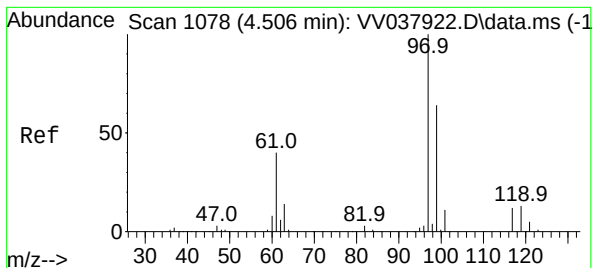
Tgt Ion: 62 Resp: 130552

Ion Ratio Lower Upper

62 100

98 10.1 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.082 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

Instrument :

MSVOA_V

ClientSampleId :

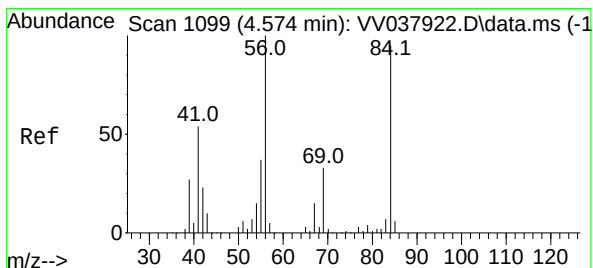
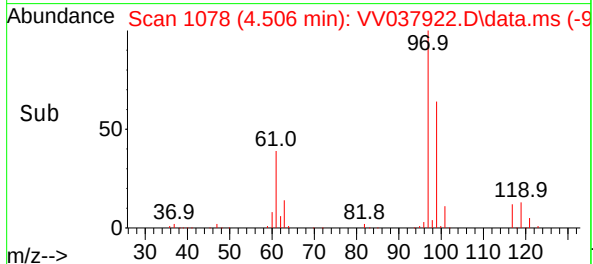
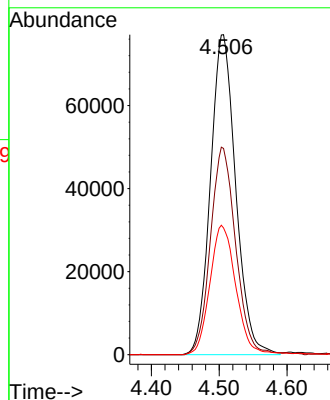
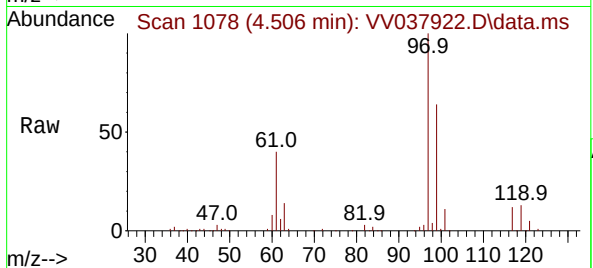
Tgt Ion: 97 Resp: 199670

Ion Ratio Lower Upper

97 100

99 65.1 52.1 78.1

61 41.6 33.3 49.9



#30

Cyclohexane

Concen: 5.092 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

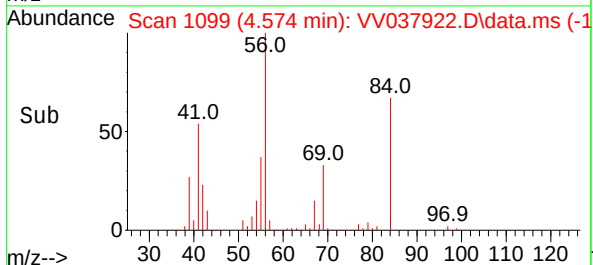
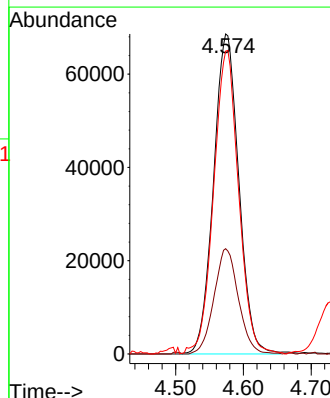
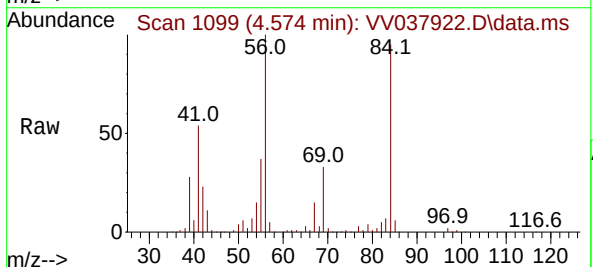
Tgt Ion: 56 Resp: 177265

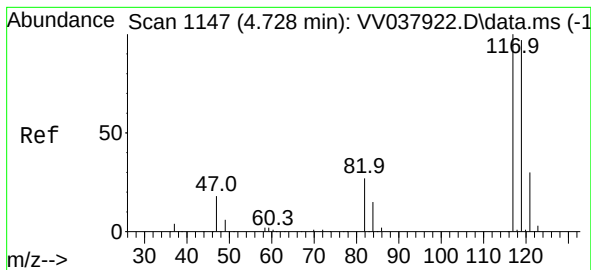
Ion Ratio Lower Upper

56 100

69 31.9 25.5 38.3

84 94.0 75.2 112.8

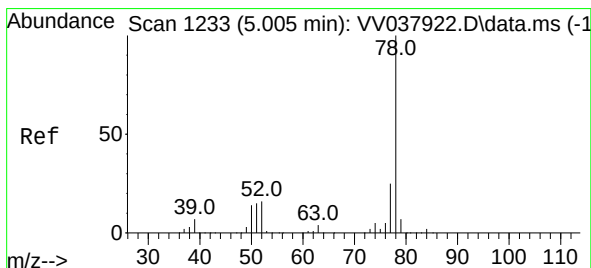
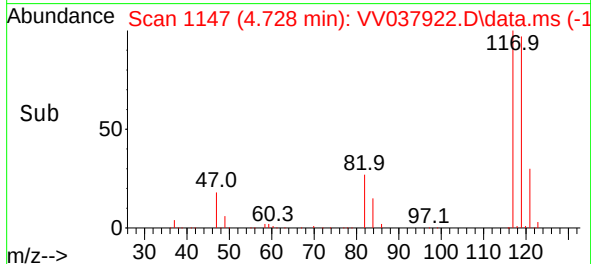
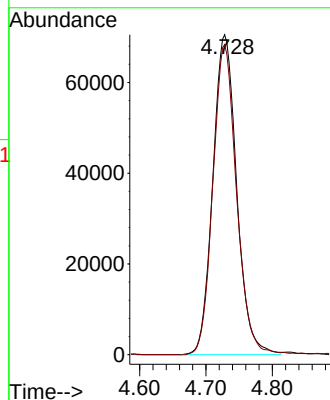
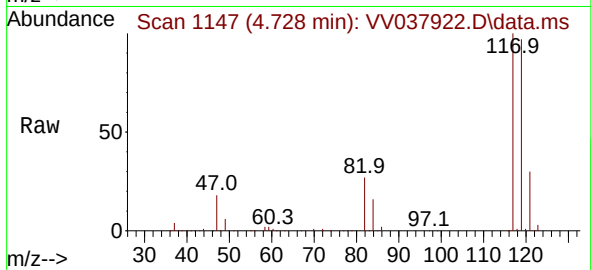




#31
Carbon tetrachloride
Concen: 5.105 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

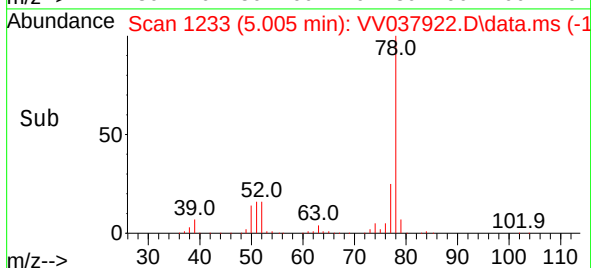
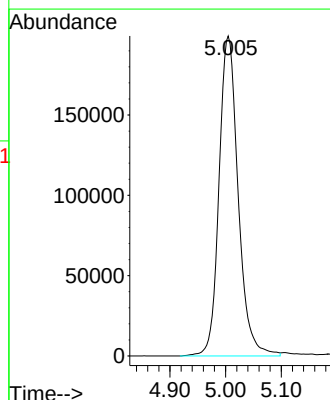
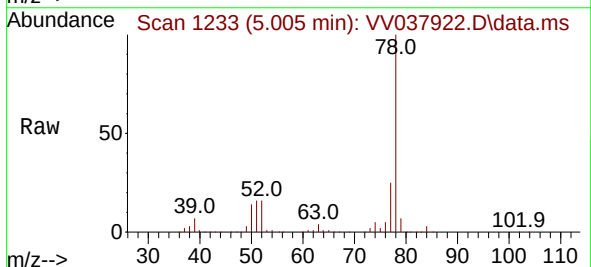
Instrument :
MSVOA_V
ClientSampleId :

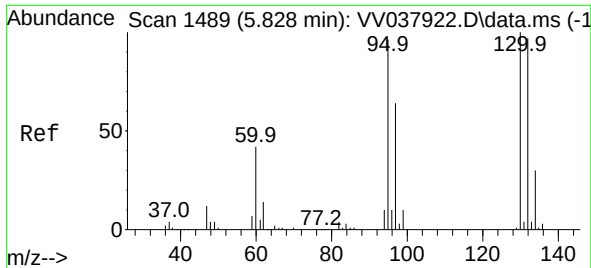
Tgt Ion:117 Resp: 176020
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8



#33
Benzene
Concen: 5.266 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Tgt Ion: 78 Resp: 475569

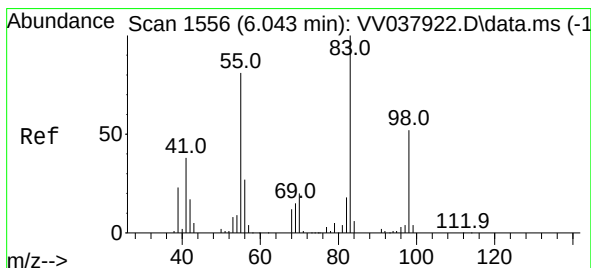
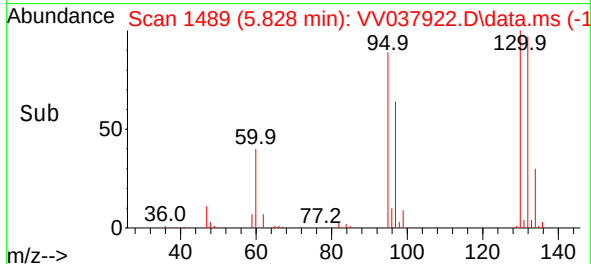
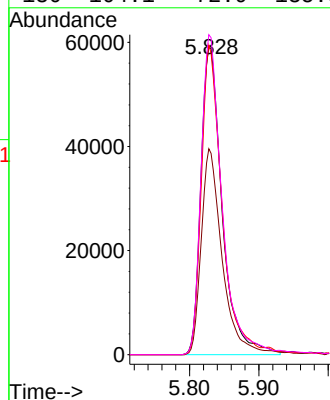
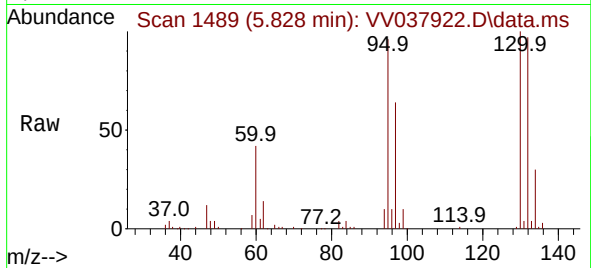




#34
Trichloroethene
Concen: 5.056 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

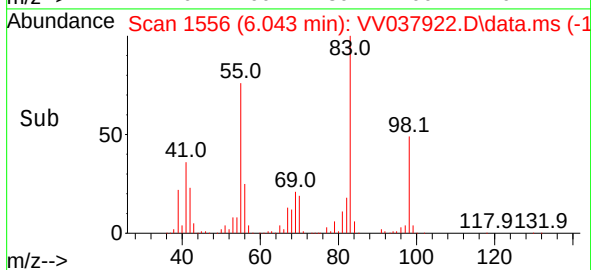
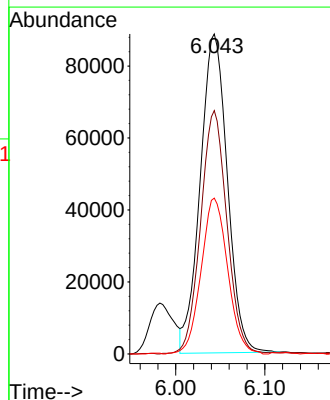
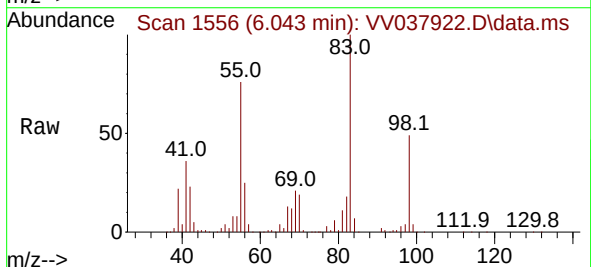
Instrument :
MSVOA_V
ClientSampleId :

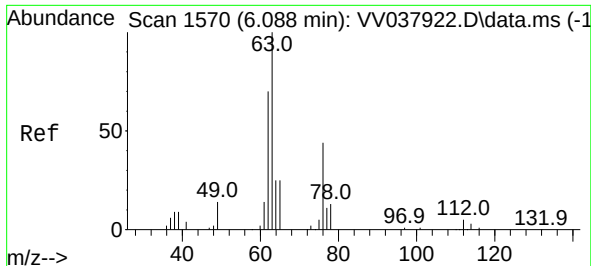
Tgt Ion: 95 Resp: 126443
Ion Ratio Lower Upper
95 100
97 67.0 46.9 87.1
132 100.7 70.5 130.9
130 104.1 72.9 135.3



#35
Methylcyclohexane
Concen: 5.032 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Tgt Ion: 83 Resp: 187561
Ion Ratio Lower Upper
83 100
55 74.1 59.3 88.9
98 47.9 38.3 57.5

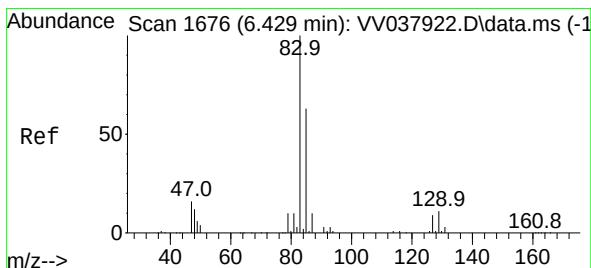
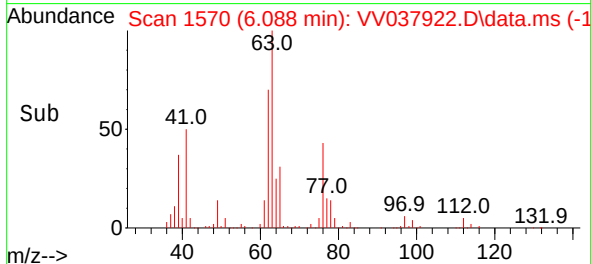
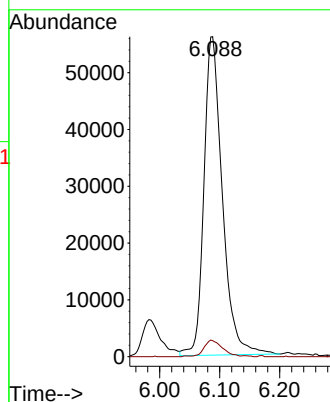
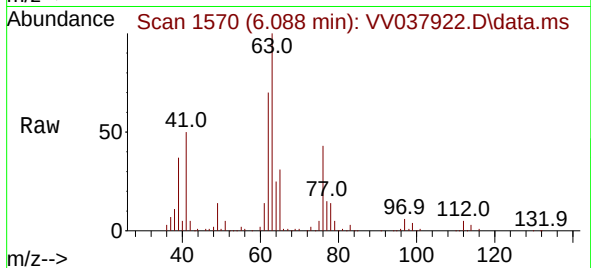




#37
1,2-Dichloropropane
Concen: 5.318 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

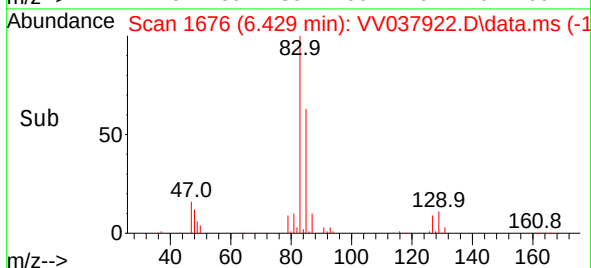
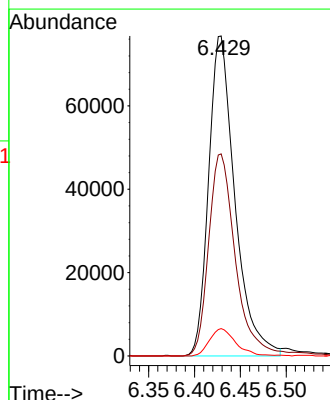
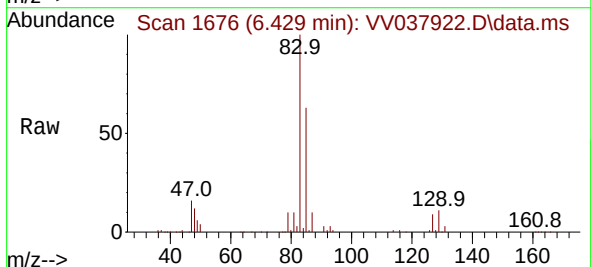
Instrument :
MSVOA_V
ClientSampleId :

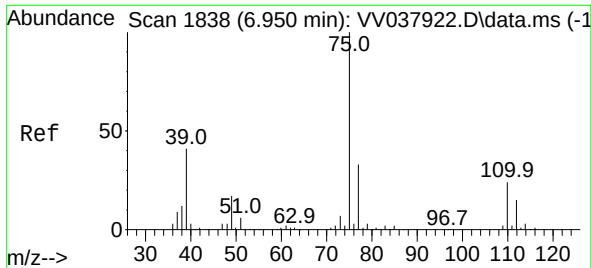
Tgt Ion: 63 Resp: 120051
Ion Ratio Lower Upper
63 100
112 5.1 4.1 6.1



#38
Bromodichloromethane
Concen: 5.115 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Tgt Ion: 83 Resp: 153168
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2
127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.222 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

Instrument :

MSVOA_V

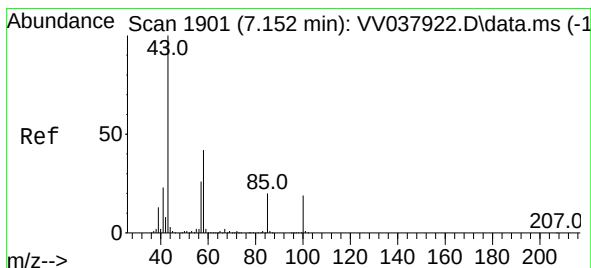
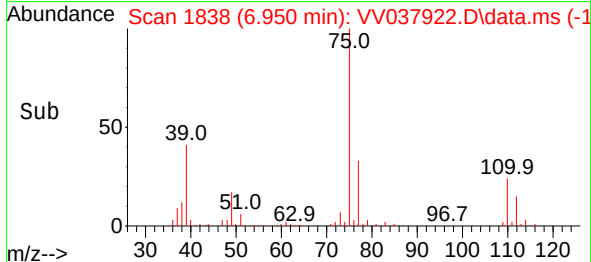
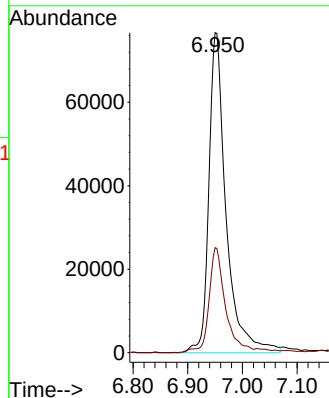
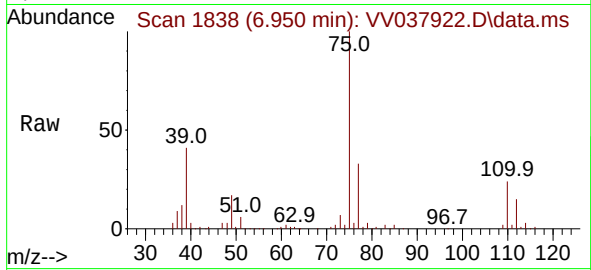
ClientSampleId :

Tgt Ion: 75 Resp: 167288

Ion Ratio Lower Upper

75 100

77 32.8 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 55.605 ug/L

RT: 7.152 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

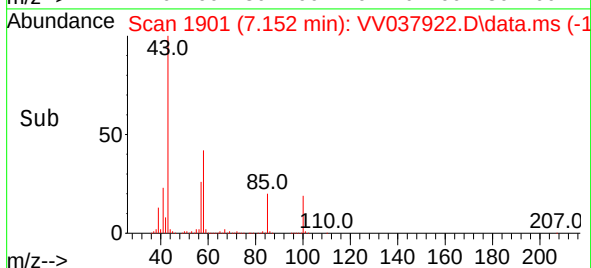
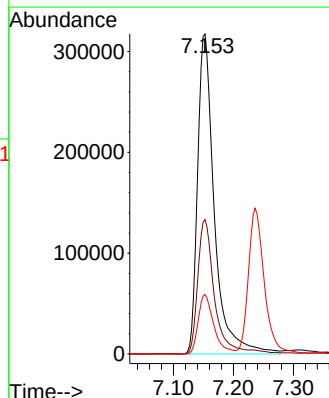
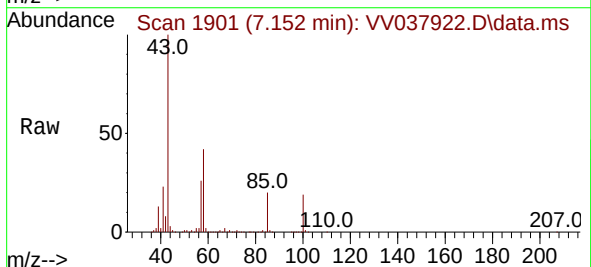
Tgt Ion: 43 Resp: 618858

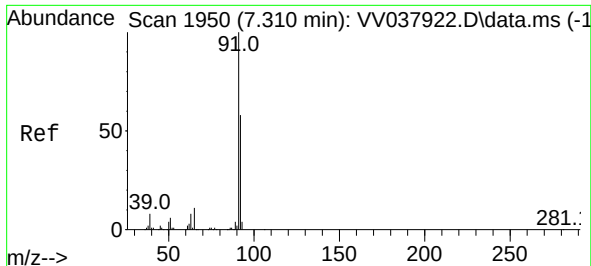
Ion Ratio Lower Upper

43 100

58 40.8 32.6 49.0

100 17.3 13.8 20.8





#42

Toluene

Concen: 5.397 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

Instrument :

MSVOA_V

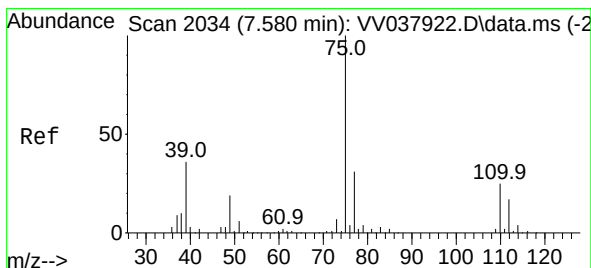
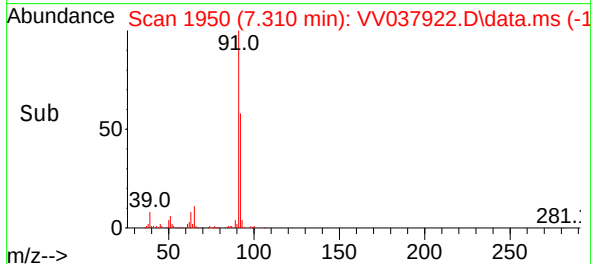
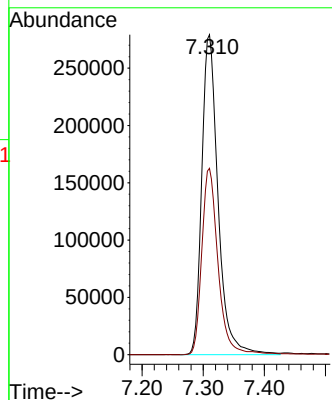
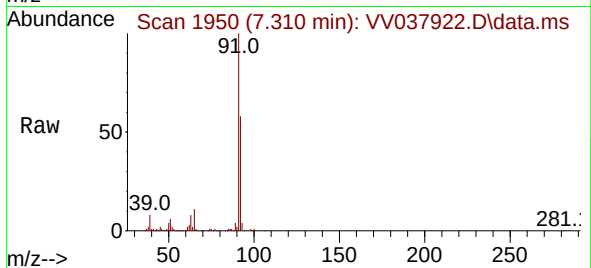
ClientSampleId :

Tgt Ion: 91 Resp: 515768

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.260 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV037922.D

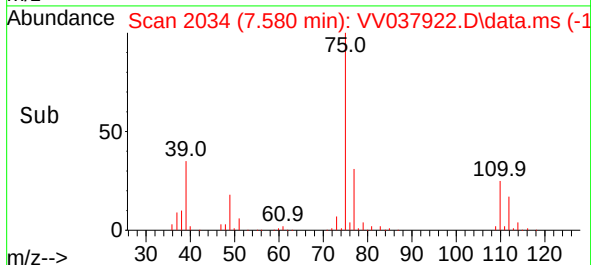
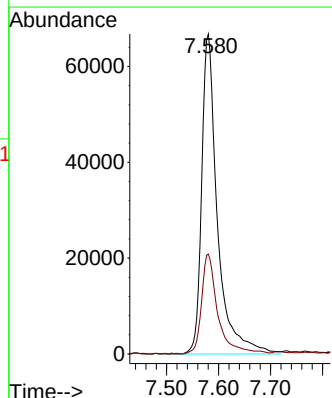
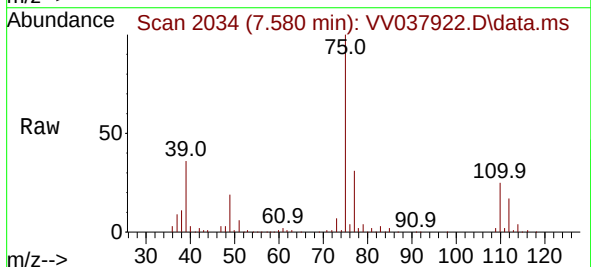
Acq: 06 Nov 2024 11:17

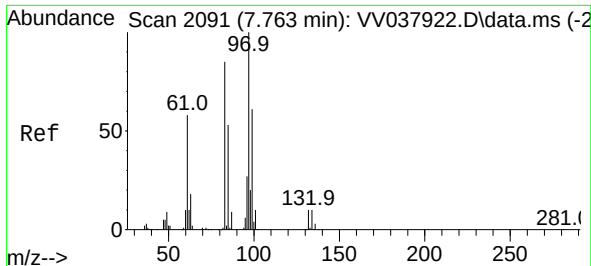
Tgt Ion: 75 Resp: 140442

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6

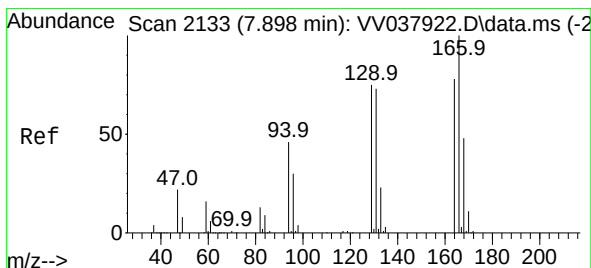
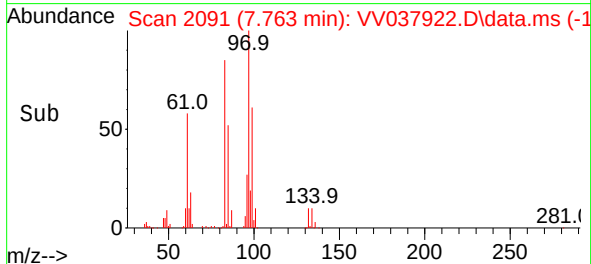
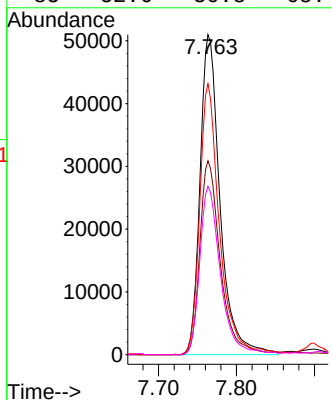
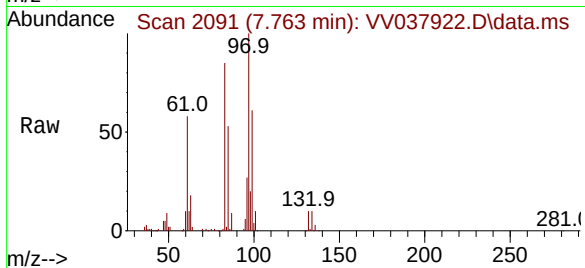




#45
1,1,2-Trichloroethane
Concen: 5.271 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

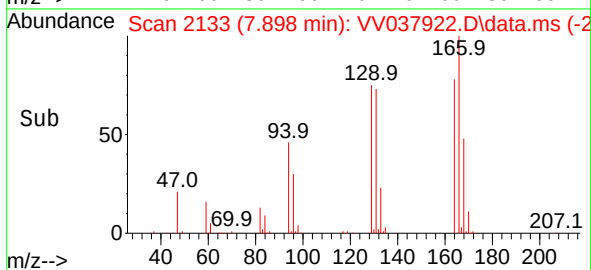
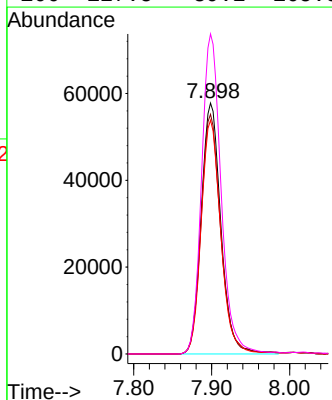
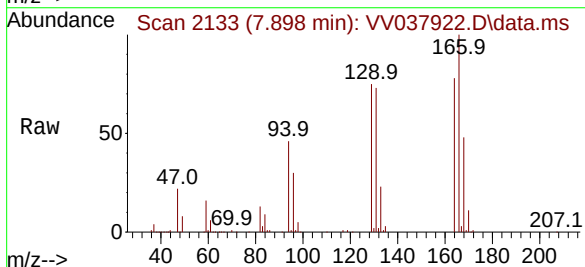
Instrument :
MSVOA_V
ClientSampleId :

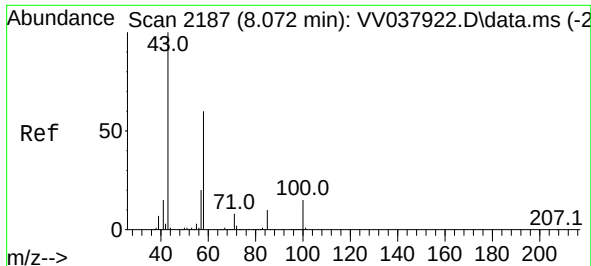
Tgt Ion: 97	Resp: 91152
Ion Ratio	Lower Upper
97 100	
99 60.6	42.4 78.8
83 84.7	59.3 110.1
85 52.6	36.8 68.4



#47
Tetrachloroethene
Concen: 5.221 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Tgt Ion:164	Resp: 101487
Ion Ratio	Lower Upper
164 100	
129 95.5	66.8 124.2
131 93.2	65.2 121.2
166 127.5	89.2 165.8

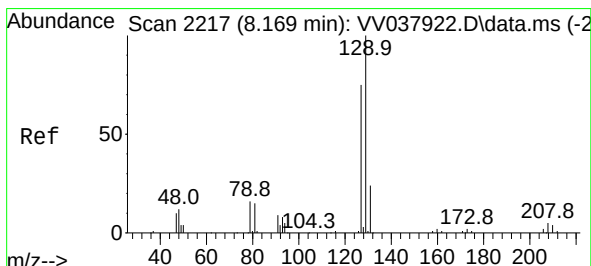
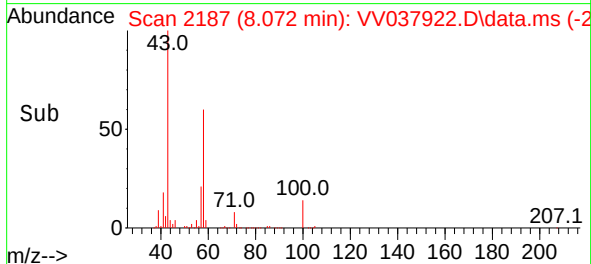
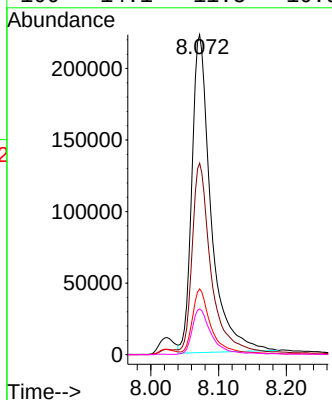
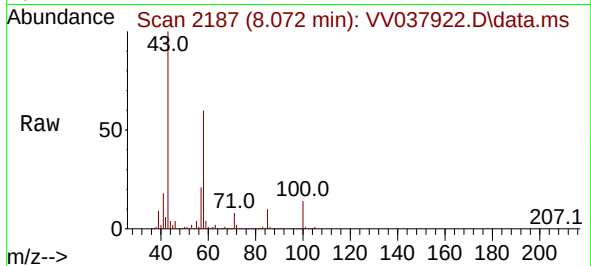




#48
2-Hexanone
Concen: 56.069 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

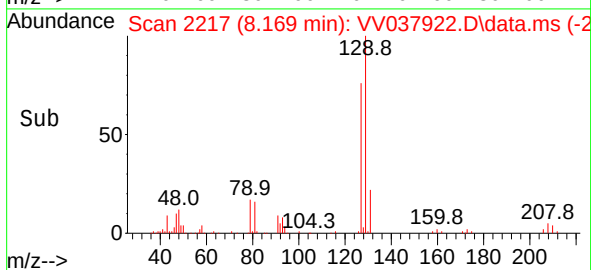
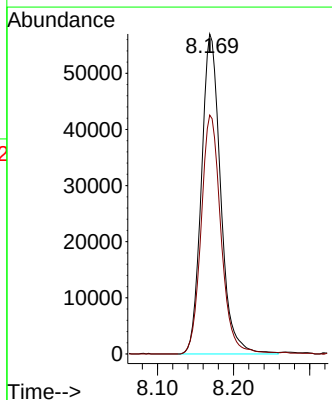
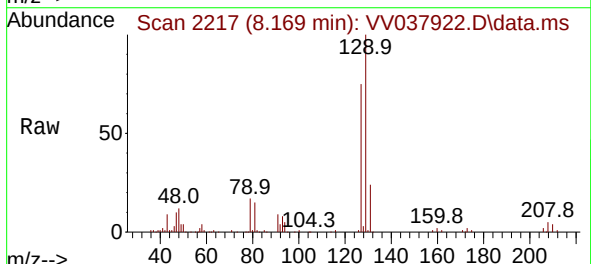
Instrument :
MSVOA_V
ClientSampleId :

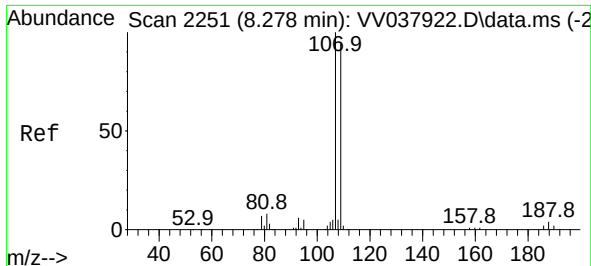
Tgt Ion: 43 Resp: 434744
Ion Ratio Lower Upper
43 100
58 60.6 48.5 72.7
57 20.4 16.3 24.5
100 14.1 11.3 16.9



#49
Dibromochloromethane
Concen: 5.117 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Tgt Ion: 129 Resp: 99949
Ion Ratio Lower Upper
129 100
127 74.6 52.2 97.0

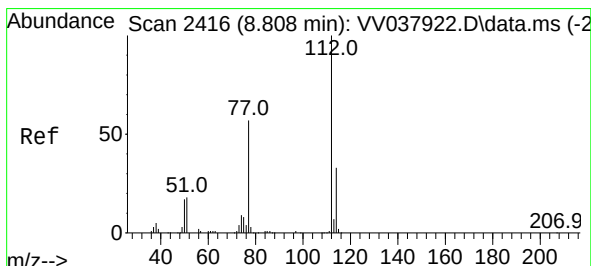
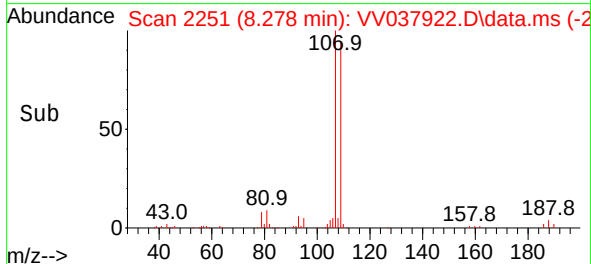
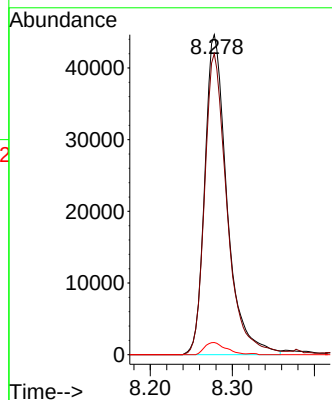
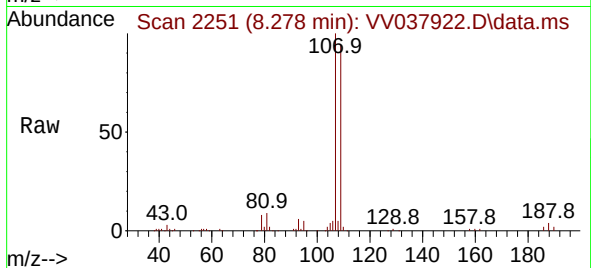




#50
1,2-Dibromoethane
Concen: 5.290 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

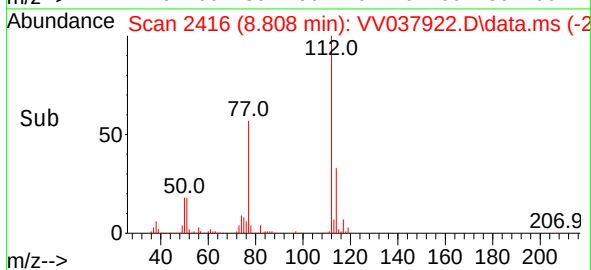
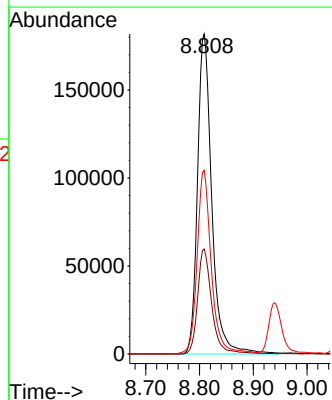
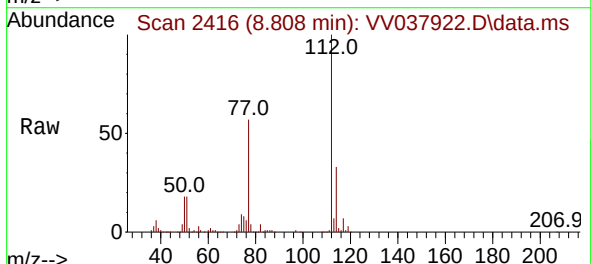
Instrument :
MSVOA_V
ClientSampleId :

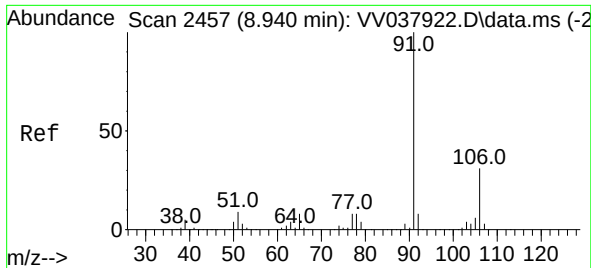
Tgt Ion:107 Resp: 84345
Ion Ratio Lower Upper
107 100
109 94.0 65.8 122.2
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 5.137 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Tgt Ion:112 Resp: 335757
Ion Ratio Lower Upper
112 100
114 32.8 23.0 42.6
77 57.4 45.9 68.9

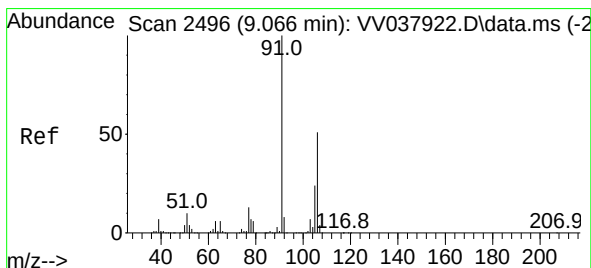
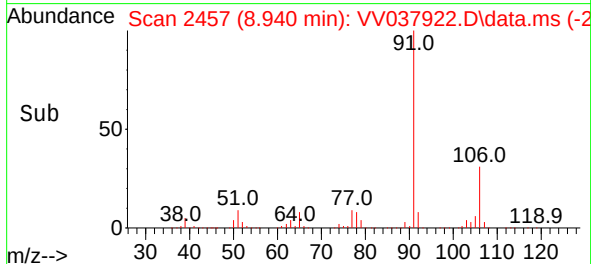
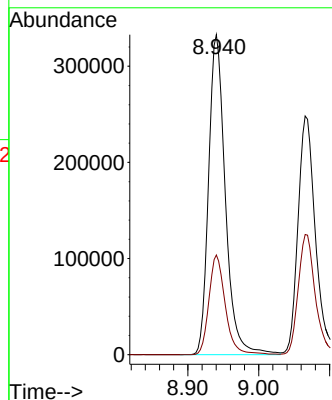
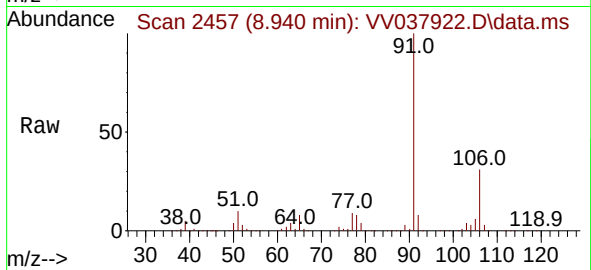




#52
Ethylbenzene
Concen: 5.307 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

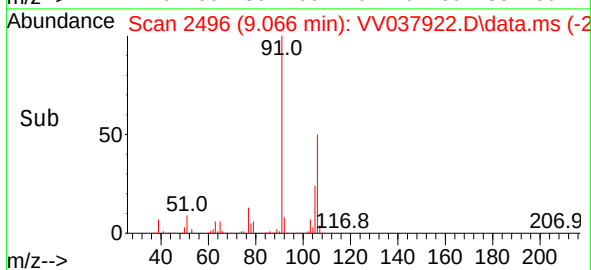
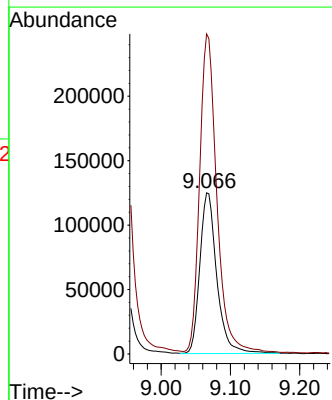
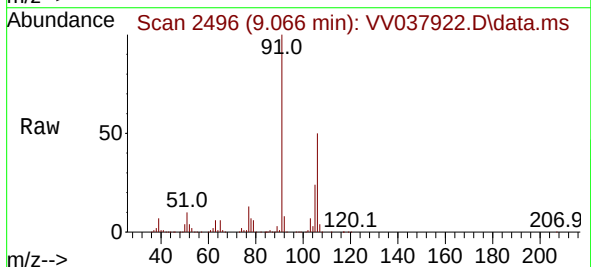
Instrument :
MSVOA_V
ClientSampleId :

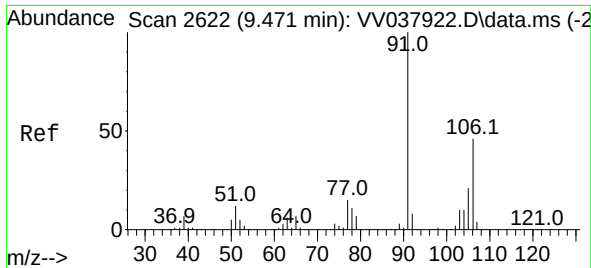
Tgt Ion: 91 Resp: 546273
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.4



#53
m,p-Xylene
Concen: 5.398 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Tgt Ion: 106 Resp: 211948
Ion Ratio Lower Upper
106 100
91 198.6 139.0 258.2

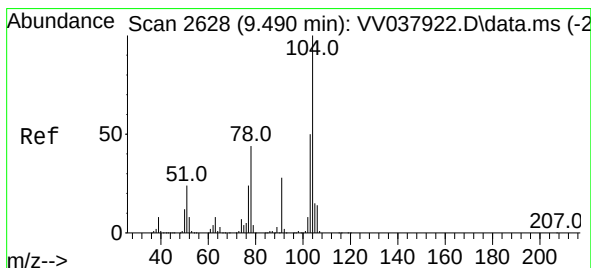
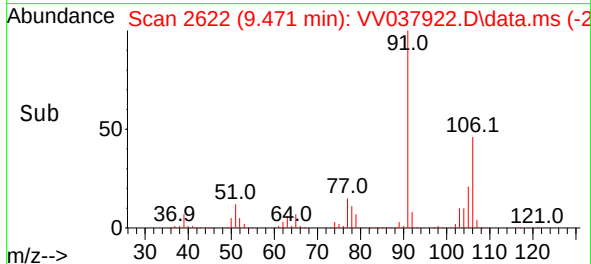
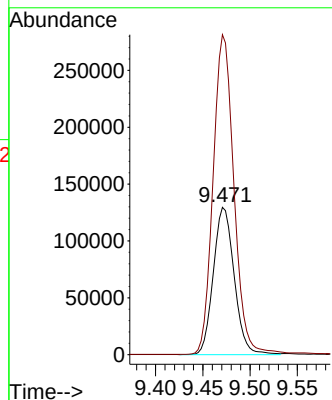
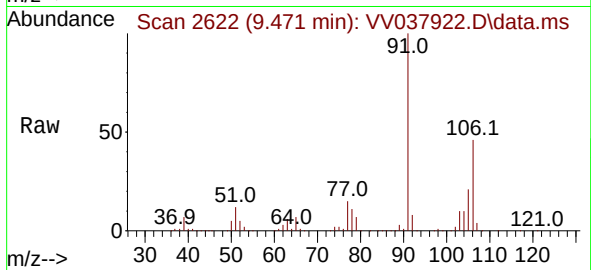




#54
o-Xylene
Concen: 5.338 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

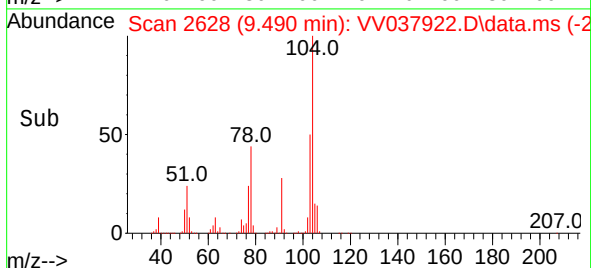
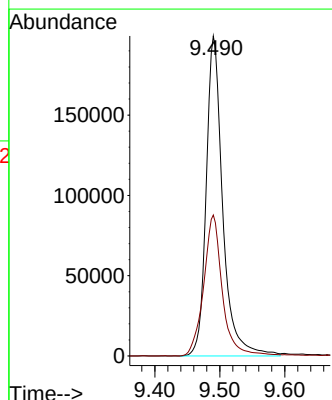
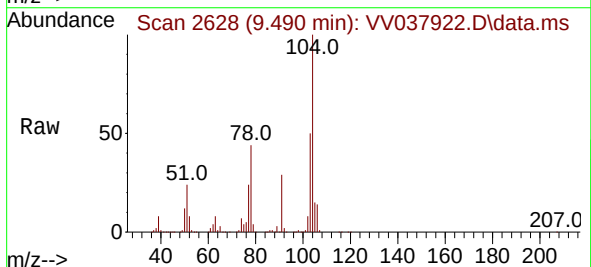
Instrument :
MSVOA_V
ClientSampleId :

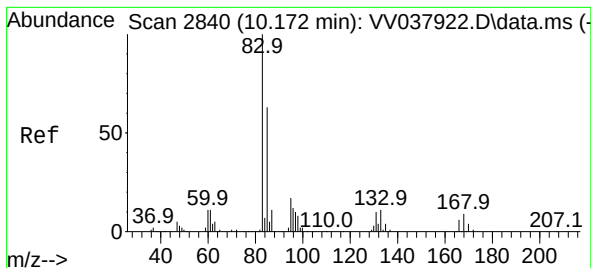
Tgt Ion:106 Resp: 199476
Ion Ratio Lower Upper
106 100
91 217.1 152.0 282.2



#55
Styrene
Concen: 5.601 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

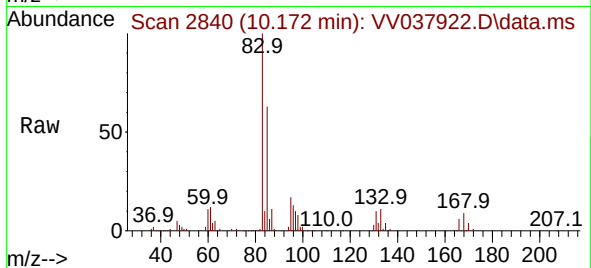
Tgt Ion:104 Resp: 353506
Ion Ratio Lower Upper
104 100
78 44.1 30.9 57.3



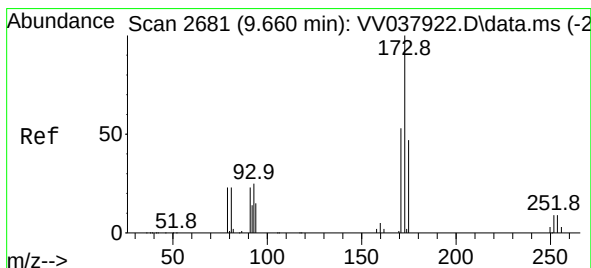
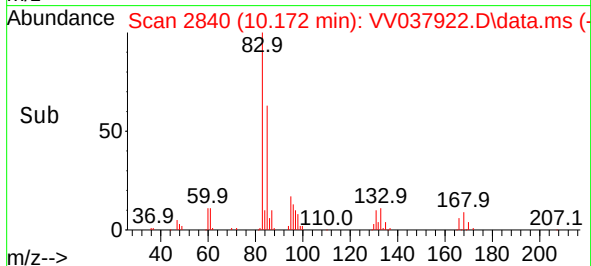
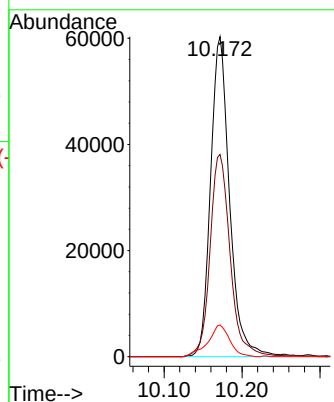


#57
1,1,2,2-Tetrachloroethane
Concen: 5.152 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Instrument :
MSVOA_V
ClientSampleId :

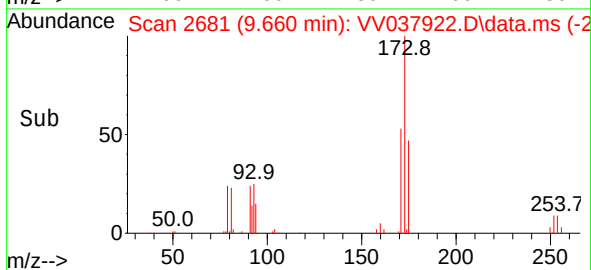
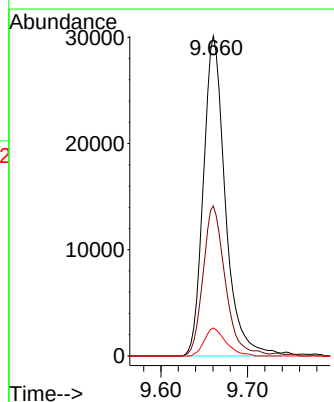
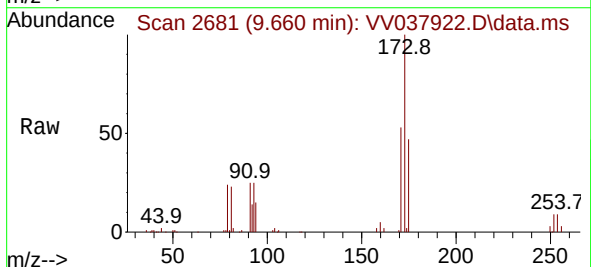


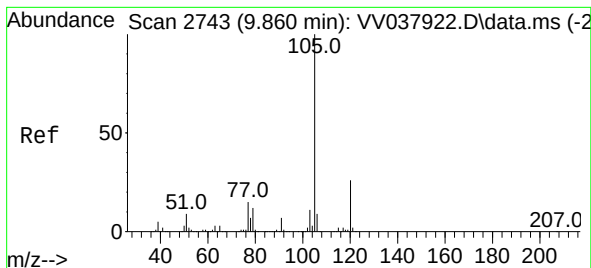
Tgt Ion: 83 Resp: 102195
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2
131 9.9 7.9 11.9



#59
Bromoform
Concen: 5.073 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Tgt Ion: 173 Resp: 53004
Ion Ratio Lower Upper
173 100
175 47.5 38.0 57.0
254 8.6 6.9 10.3





#60

Isopropylbenzene

Concen: 5.200 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

Instrument :

MSVOA_V

ClientSampleId :

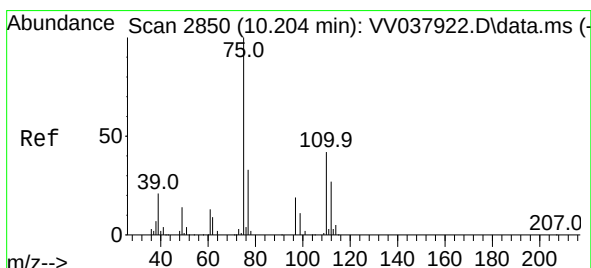
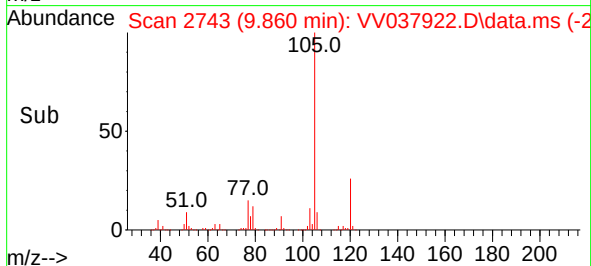
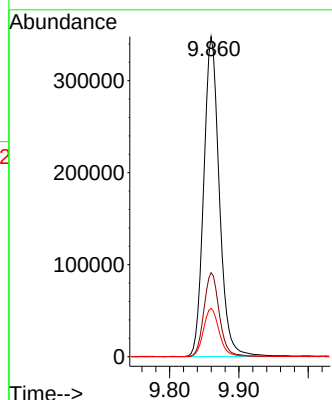
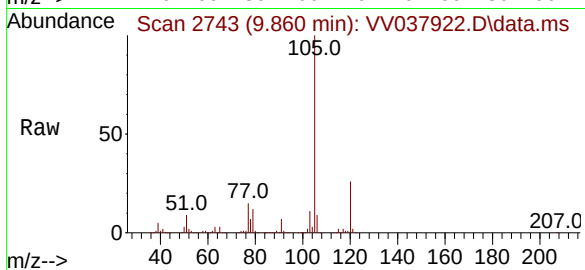
Tgt Ion:105 Resp: 543340

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4

77 15.2 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 5.125 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

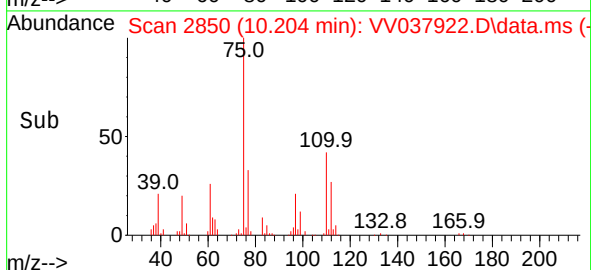
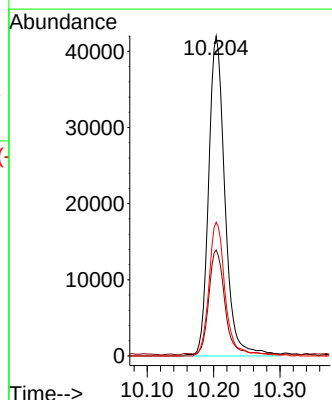
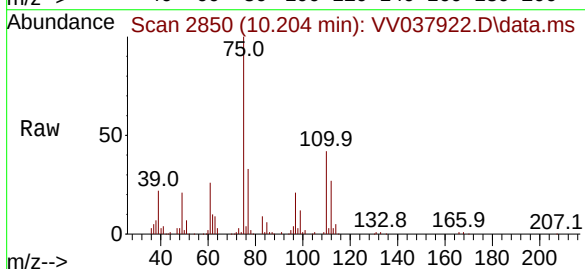
Tgt Ion: 75 Resp: 71858

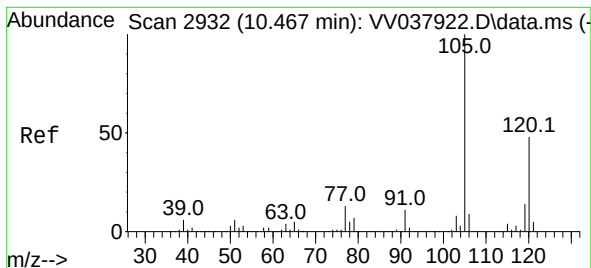
Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

110 41.9 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 5.114 ug/L

RT: 10.467 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

Instrument :

MSVOA_V

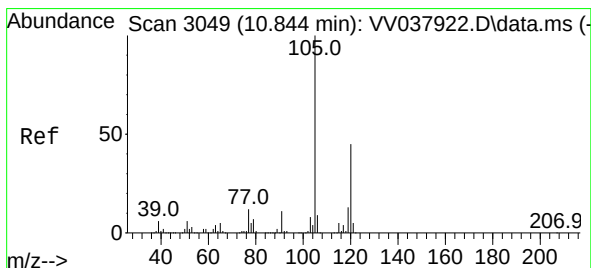
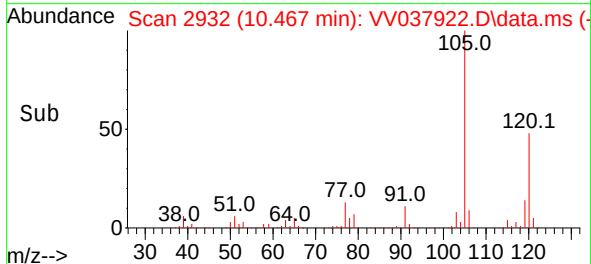
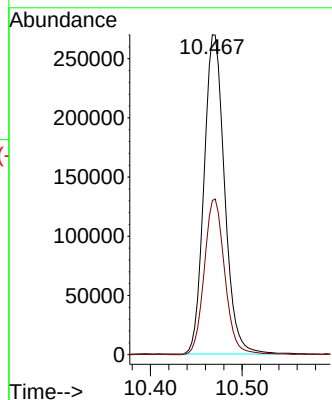
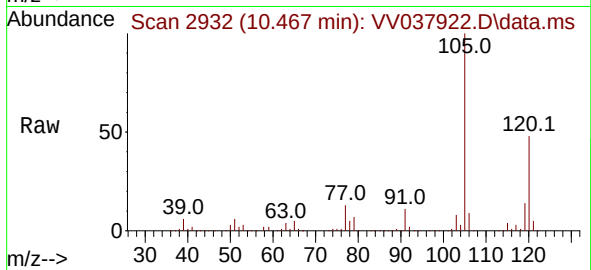
ClientSampleId :

Tgt Ion:105 Resp: 420098

Ion Ratio Lower Upper

105 100

120 48.8 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 5.228 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037922.D

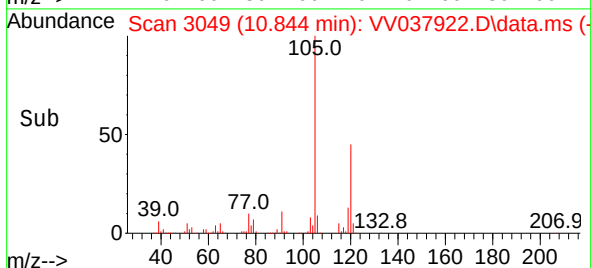
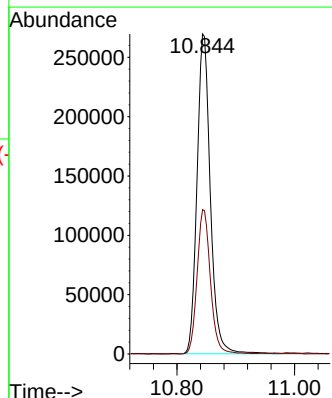
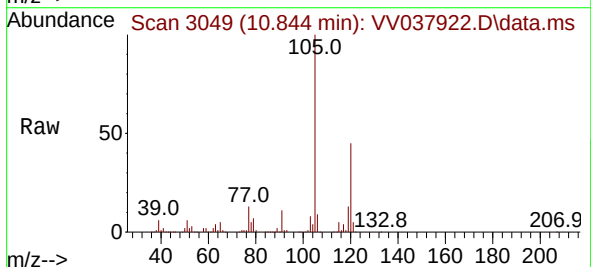
Acq: 06 Nov 2024 11:17

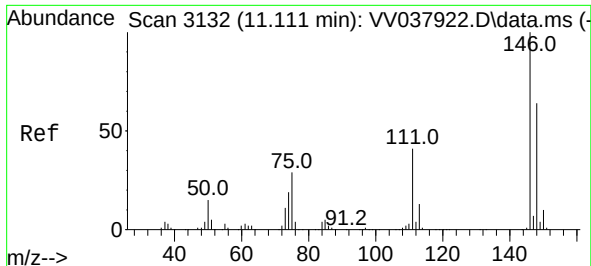
Tgt Ion:105 Resp: 423694

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4

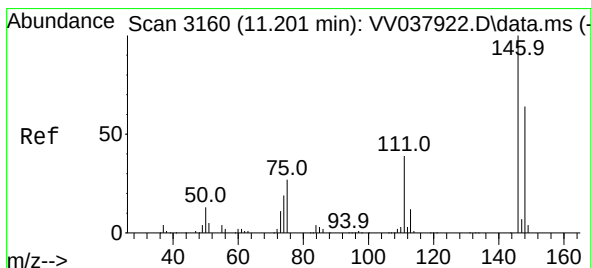
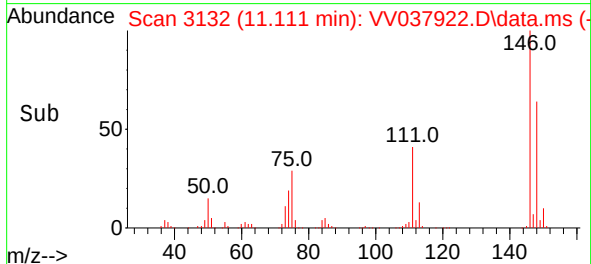
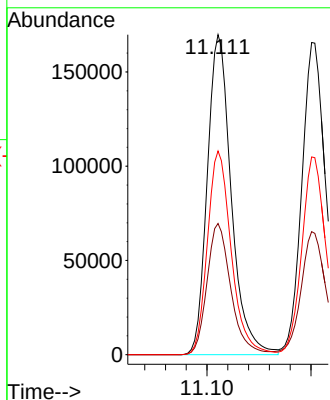
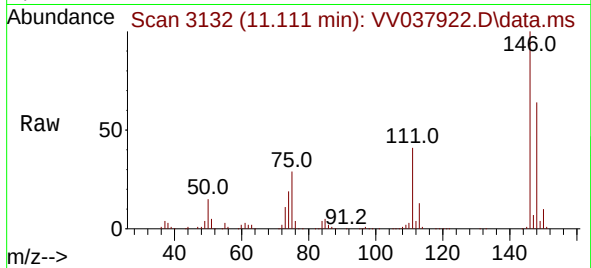




#64
1,3-Dichlorobenzene
Concen: 5.139 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

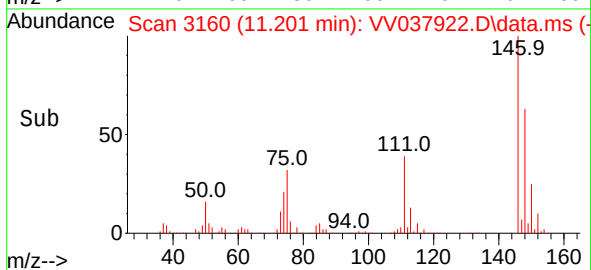
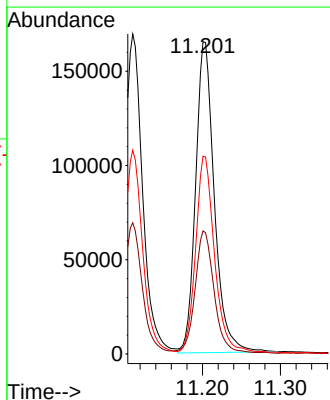
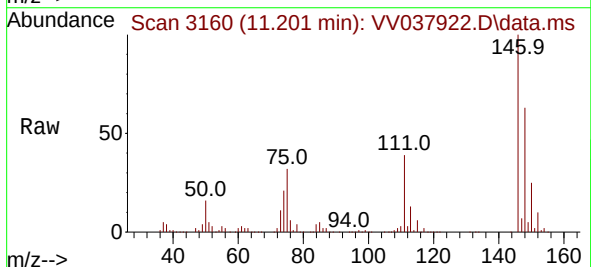
Instrument :
MSVOA_V
ClientSampleId :

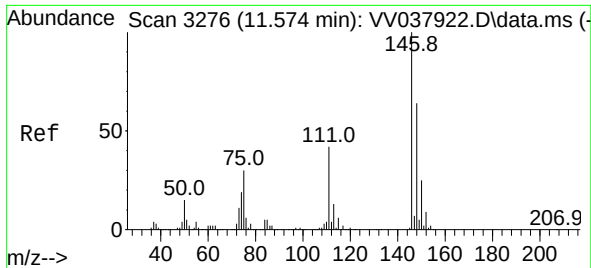
Tgt Ion:146 Resp: 271875
Ion Ratio Lower Upper
146 100
111 41.0 28.7 53.3
148 63.7 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.046 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

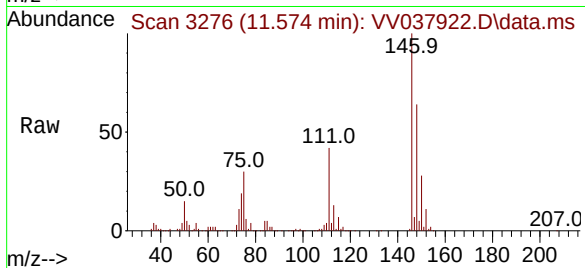
Tgt Ion:146 Resp: 275685
Ion Ratio Lower Upper
146 100
111 39.4 27.6 51.2
148 63.4 44.4 82.4



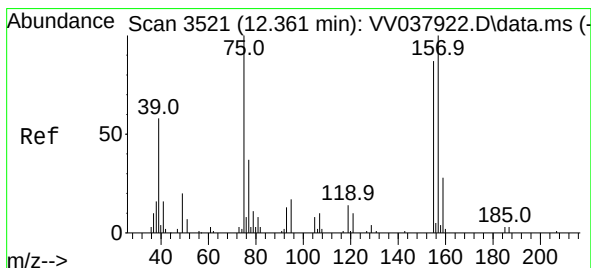
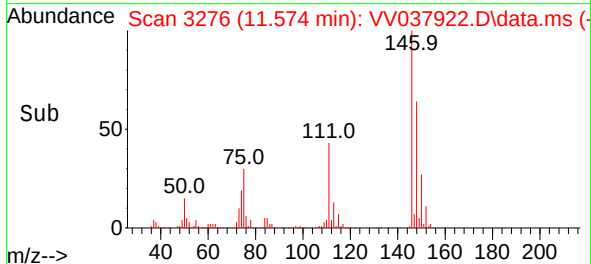
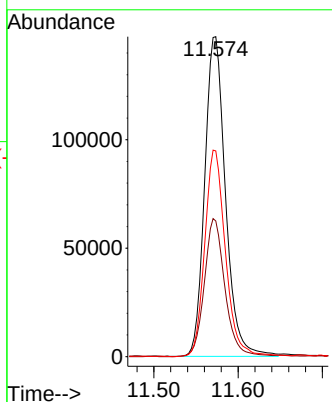


#67
1,2-Dichlorobenzene
Concen: 5.184 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Instrument :
MSVOA_V
ClientSampleId :

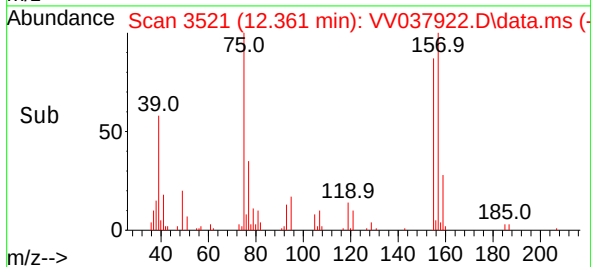
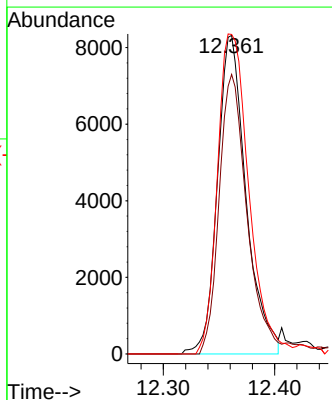
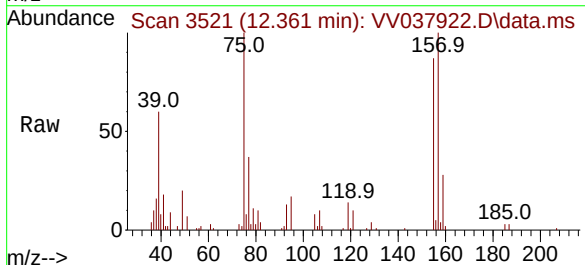


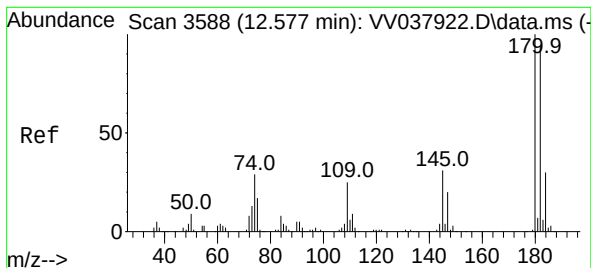
Tgt Ion:146 Resp: 253589
Ion Ratio Lower Upper
146 100
111 42.4 33.9 50.9
148 64.3 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.874 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV037922.D
Acq: 06 Nov 2024 11:17

Tgt Ion: 75 Resp: 14836
Ion Ratio Lower Upper
75 100
155 87.7 70.2 105.2
157 100.3 80.2 120.4





#69

1,3,5-Trichlorobenzene

Concen: 4.961 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

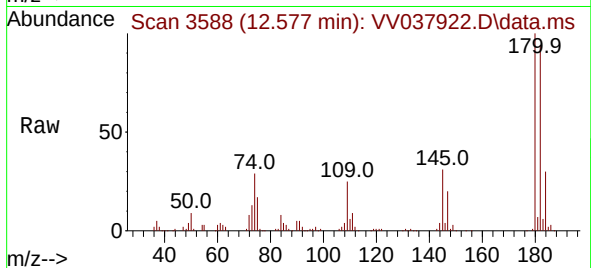
Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 185220

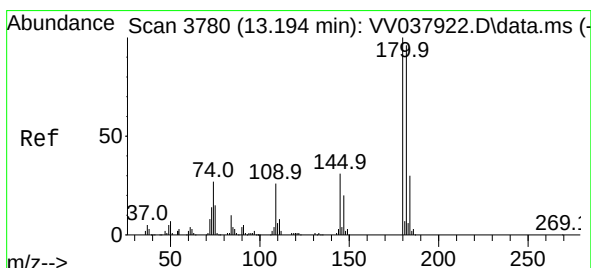
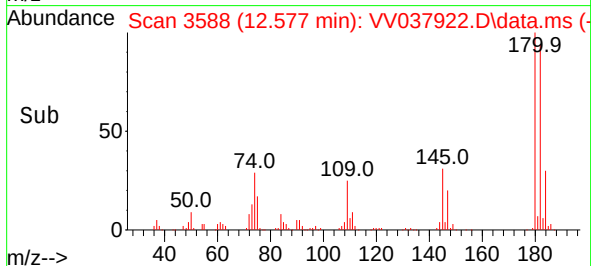
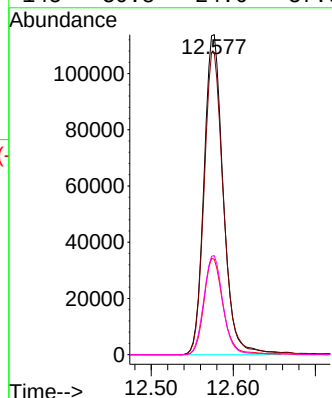
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

184 30.1 24.1 36.1

145 30.8 24.6 37.0



#70

1,2,4-trichlorobenzene

Concen: 5.106 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

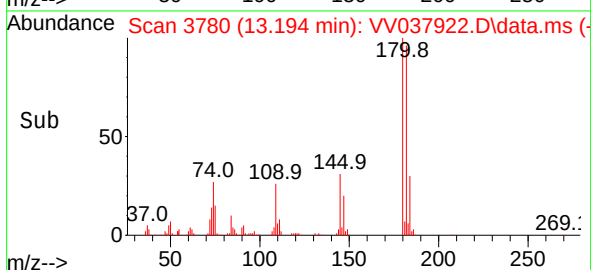
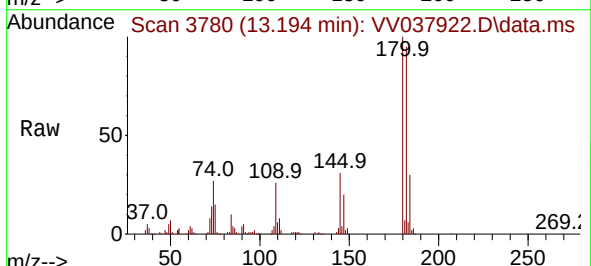
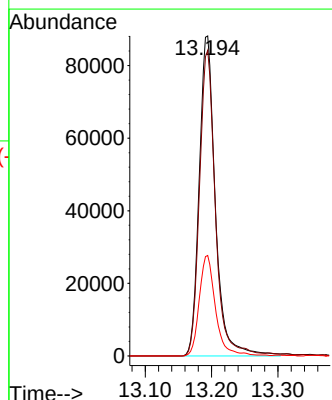
Tgt Ion:180 Resp: 149687

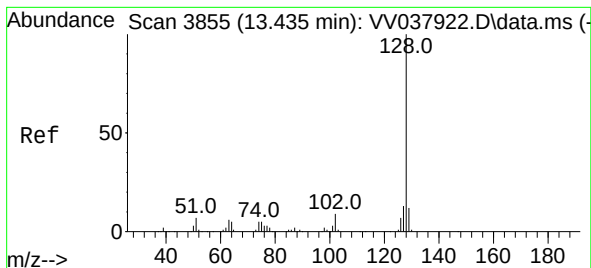
Ion Ratio Lower Upper

180 100

182 93.5 74.8 112.2

145 31.7 25.4 38.0





#71

Naphthalene

Concen: 5.058 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

Instrument :

MSVOA_V

ClientSampleId :

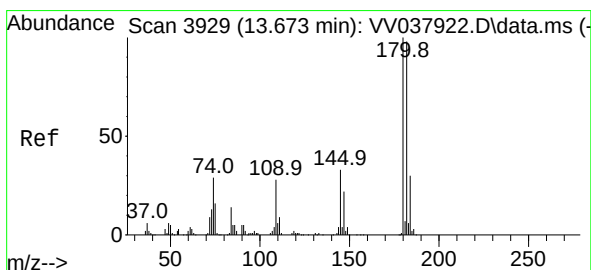
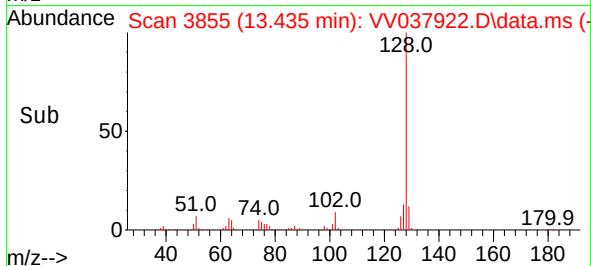
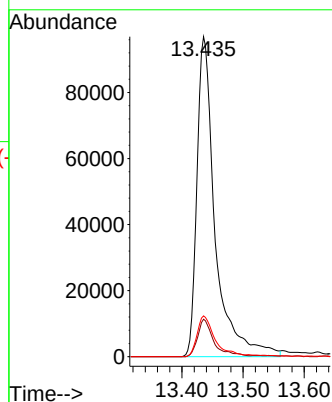
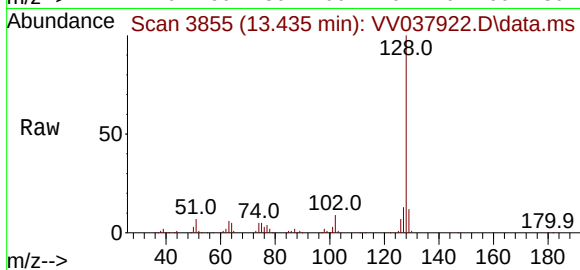
Tgt Ion:128 Resp: 200647

Ion Ratio Lower Upper

128 100

129 10.4 8.3 12.5

127 12.4 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 5.052 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037922.D

Acq: 06 Nov 2024 11:17

Tgt Ion:180 Resp: 127692

Ion Ratio Lower Upper

180 100

182 99.2 79.4 119.0

145 33.3 26.6 40.0

