

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038387.D
 Acq On : 02 Dec 2024 12:36
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 02 20:59:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 20:56:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.522	114	534808	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	537869	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	293208	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	231965	51.909	ug/L	0.00
7) Chloroethane-d5	1.529	69	198480	52.715	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	98079	51.770	ug/L	0.00
21) 2-Butanone-d5	3.780	46	227300	110.202	ug/L	0.00
24) Chloroform-d	4.233	84	432103	53.316	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.928	65	257632	53.675	ug/L	0.00
32) Benzene-d6	4.947	84	836456	53.975	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.976	67	256035	51.009	ug/L	0.00
41) Toluene-d8	7.230	98	782101	55.800	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	125750	54.821	ug/L	0.00
47) 2-Hexanone-d5	8.014	63	151519	107.420	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	351309	52.128	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	296590	52.318	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	232200	47.275	ug/L	100
3) Chloromethane	1.214	50	257483	50.533	ug/L	100
5) Vinyl chloride	1.281	62	257528	49.551	ug/L	100
6) Bromomethane	1.484	94	164052	50.945	ug/L	100
8) Chloroethane	1.545	64	167136	50.823	ug/L	100
9) Trichlorofluoromethane	1.709	101	323942	47.260	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	188519	47.766	ug/L	100
12) 1,1-Dichloroethene	2.063	96	184427	49.067	ug/L	100
13) Acetone	2.114	43	298423	101.744	ug/L	100
14) Carbon disulfide	2.236	76	604374	48.858	ug/L	100
15) Methyl Acetate	2.368	43	198498	52.288	ug/L	100
16) Methylene chloride	2.439	84	233764	51.542	ug/L	100
17) trans-1,2-Dichloroethene	2.686	96	201162	49.081	ug/L	100
18) Methyl tert-butyl Ether	2.693	73	625374	52.829	ug/L	100
19) 1,1-Dichloroethane	3.101	63	379350	50.468	ug/L	100
20) cis-1,2-Dichloroethene	3.802	96	218876	50.779	ug/L	100
22) 2-Butanone	3.857	43	281696	108.112	ug/L	100
23) Bromochloromethane	4.133	128	122030	52.084	ug/L	100
25) Chloroform	4.262	83	399527	50.919	ug/L	100
27) 1,2-Dichloroethane	5.027	62	299728	52.367	ug/L	100
29) Cyclohexane	4.571	56	277617	48.042	ug/L	100
30) 1,1,1-Trichloroethane	4.497	97	329576	48.489	ug/L	100
31) Carbon tetrachloride	4.722	117	283391	47.443	ug/L	100
33) Benzene	4.995	78	840685	51.782	ug/L	100
34) Trichloroethene	5.821	95	211092	48.669	ug/L	100
35) Methylcyclohexane	6.040	83	302277	48.531	ug/L	100
37) 1,2-Dichloropropane	6.079	63	218520	51.766	ug/L	100
38) Bromodichloromethane	6.419	83	297439	50.770	ug/L	100
39) cis-1,3-Dichloropropene	6.944	75	333227	50.870	ug/L	100
40) 4-Methyl-2-pentanone	7.146	43	494690	110.203	ug/L	100
42) Toluene	7.304	91	866117	51.350	ug/L	100
44) trans-1,3-Dichloropropene	7.571	75	333487	53.652	ug/L	100

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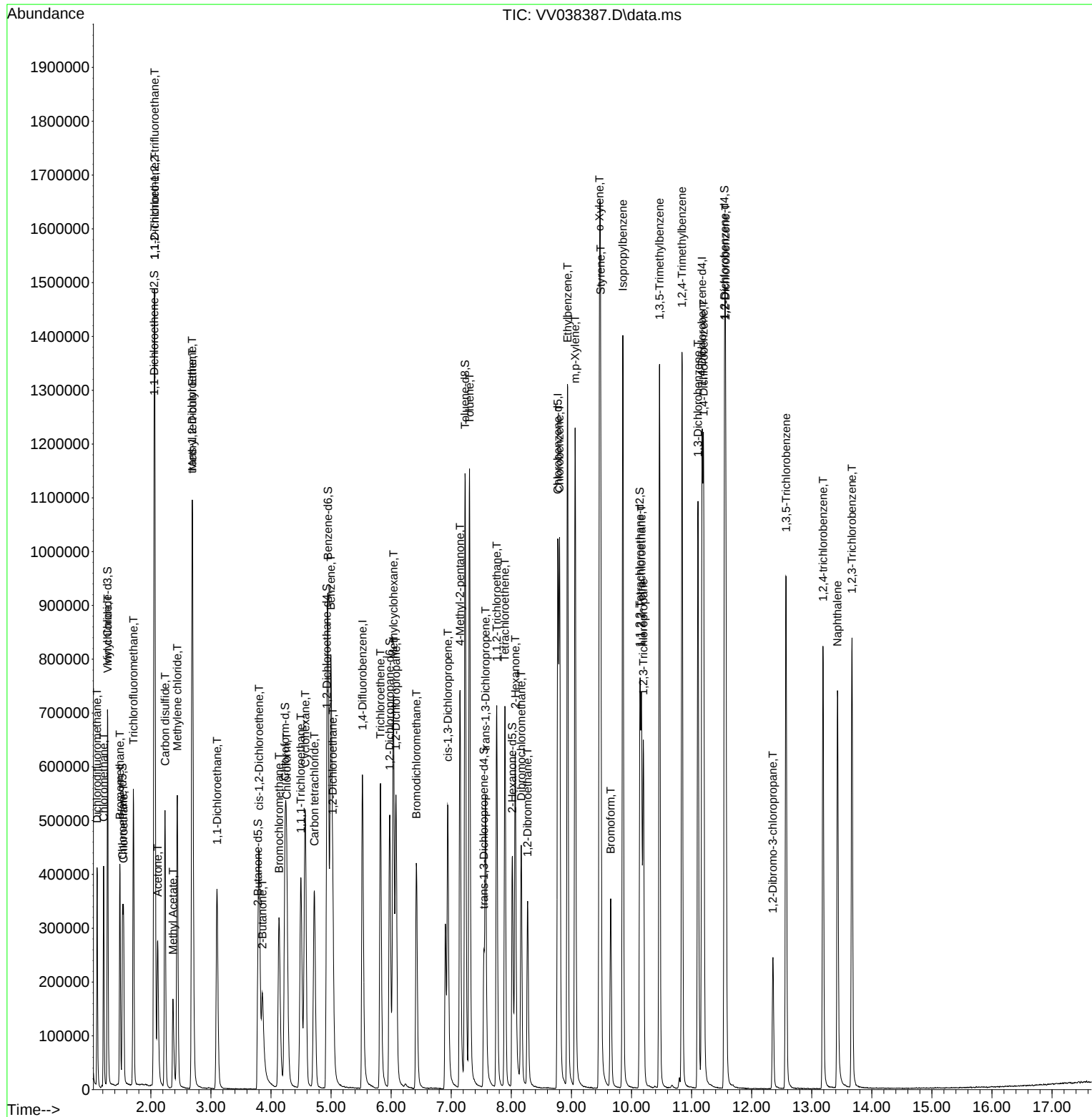
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	224712	51.306	ug/L	100
46) Tetrachloroethene	7.892	164	158676	47.387	ug/L	100
48) 2-Hexanone	8.066	43	405242	109.615	ug/L	100
49) Dibromochloromethane	8.165	129	231361	51.215	ug/L	100
50) 1,2-Dibromoethane	8.271	107	239187	51.818	ug/L	100
51) Chlorobenzene	8.802	112	560896	48.399	ug/L	100
52) Ethylbenzene	8.937	91	914966	50.577	ug/L	100
53) m,p-Xylene	9.062	106	352097	51.349	ug/L	100
54) o-Xylene	9.468	106	339821	51.515	ug/L	100
55) Styrene	9.487	104	624321	53.909	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.165	83	343983	50.560	ug/L	100
59) Bromoform	9.654	173	156406	49.621	ug/L	100
60) Isopropylbenzene	9.857	105	891206	49.705	ug/L	100
61) 1,2,3-Trichloropropane	10.197	75	259408	50.820	ug/L	100
62) 1,3,5-Trimethylbenzene	10.467	105	717220	49.853	ug/L	100
63) 1,2,4-Trimethylbenzene	10.840	105	726372	51.359	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	443559	48.195	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	458543	46.867	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	449570	47.914	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	65215	48.476	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	295239	47.032	ug/L	100
70) 1,2,4-trichlorobenzene	13.188	180	251101	47.480	ug/L	100
71) Naphthalene	13.429	128	632847	45.253	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	251712	48.513	ug/L	100

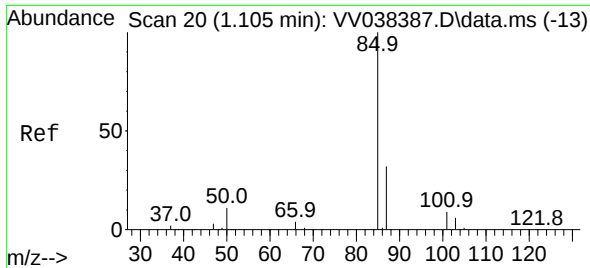
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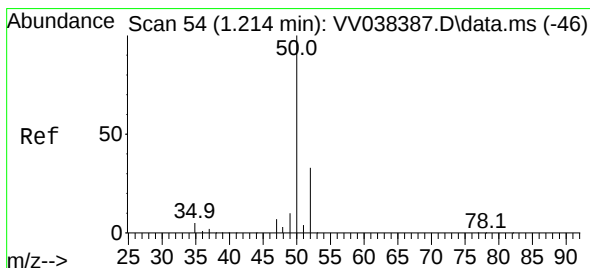
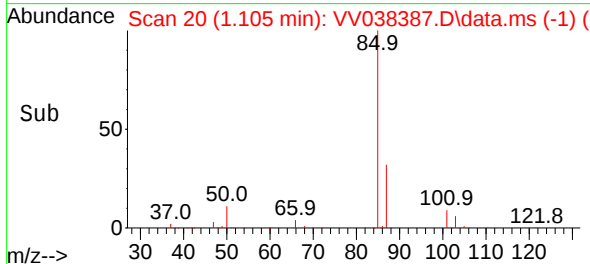
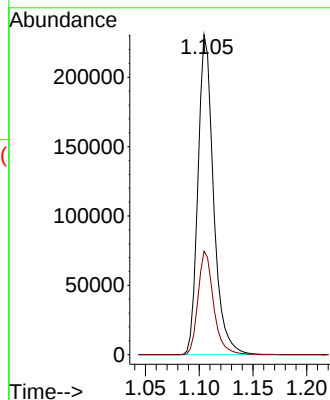
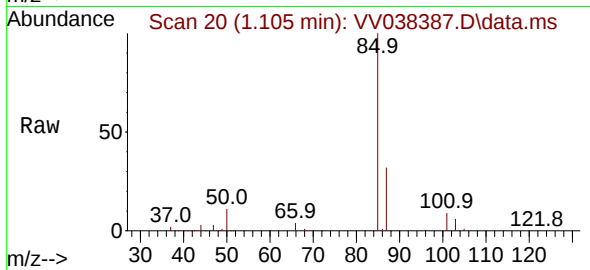




#2
 Dichlorodifluoromethane
 Concen: 47.275 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038387.D
 Acq: 02 Dec 2024 12:36

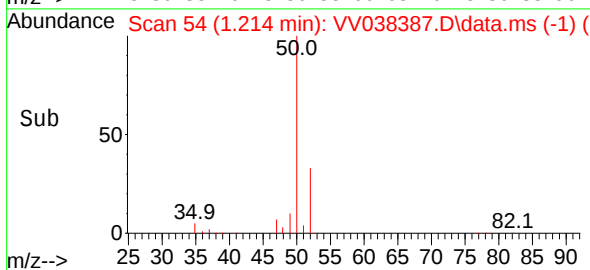
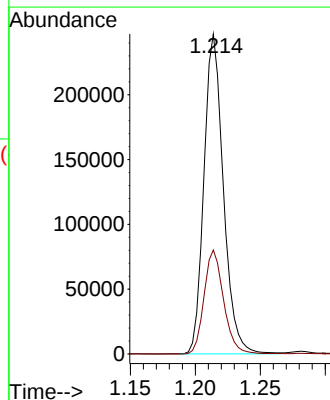
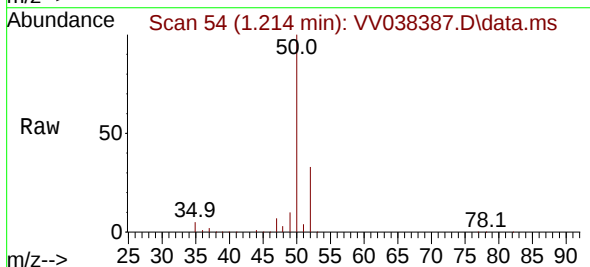
Instrument :
 MSVOA_V
 ClientSampleId :

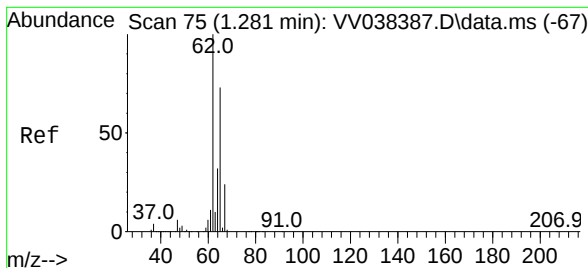
Tgt Ion: 85 Resp: 232200
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 50.533 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038387.D
 Acq: 02 Dec 2024 12:36

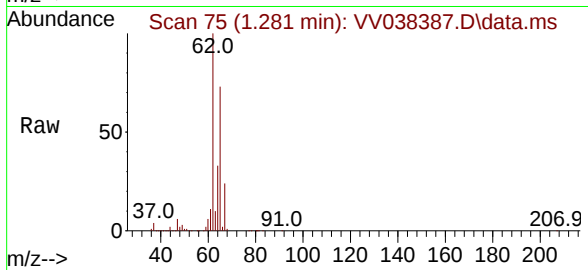
Tgt Ion: 50 Resp: 257483
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.7 42.3



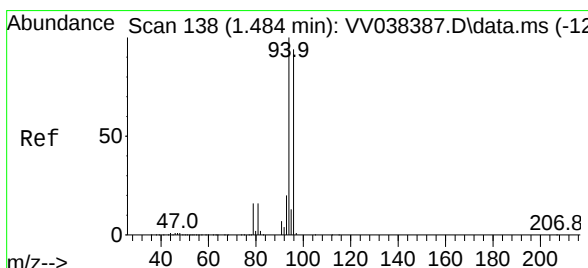
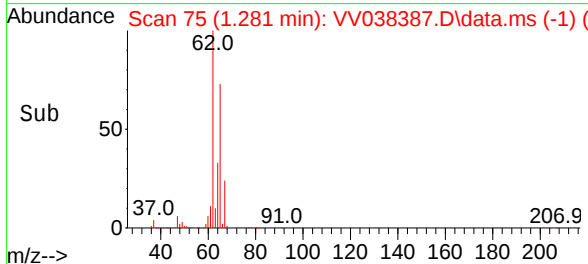
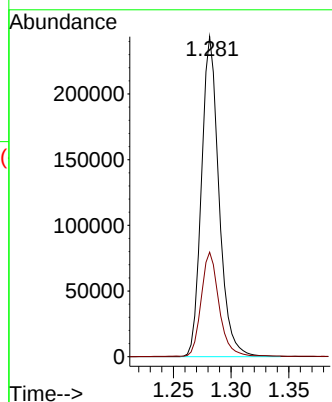


#5
 Vinyl chloride
 Concen: 49.551 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038387.D
 Acq: 02 Dec 2024 12:36

Instrument :
 MSVOA_V
 ClientSampleId :

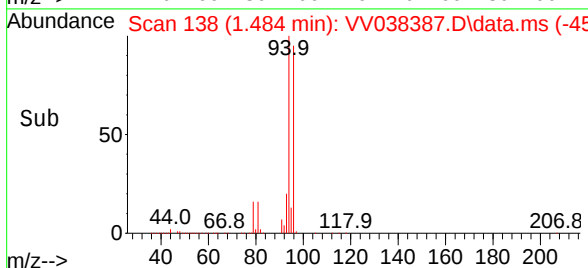
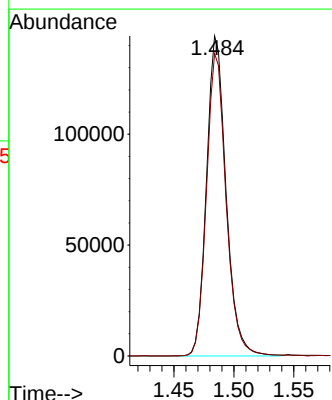
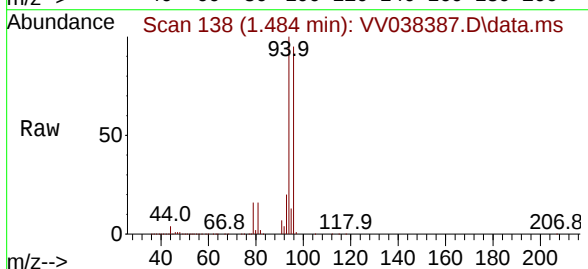


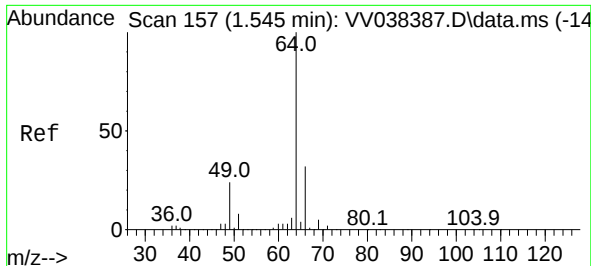
Tgt Ion: 62 Resp: 257528
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 50.945 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038387.D
 Acq: 02 Dec 2024 12:36

Tgt Ion: 94 Resp: 164052
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.1 122.8

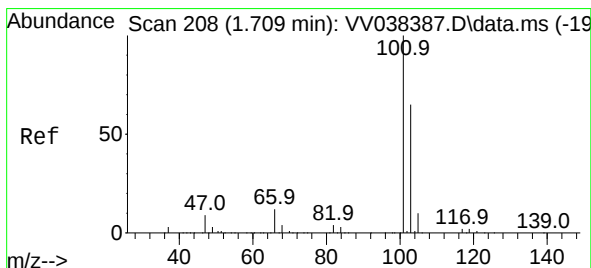
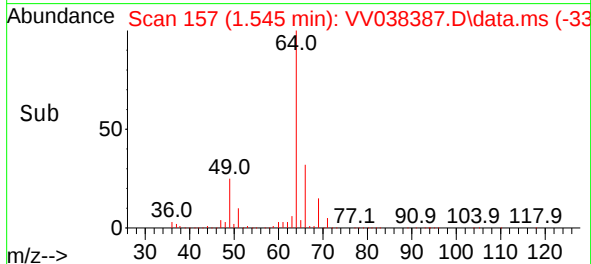
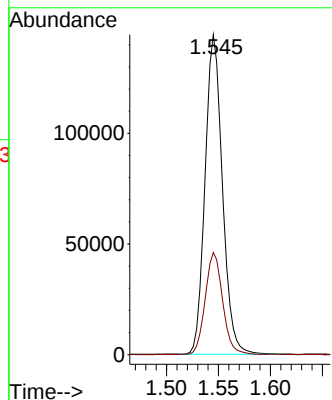
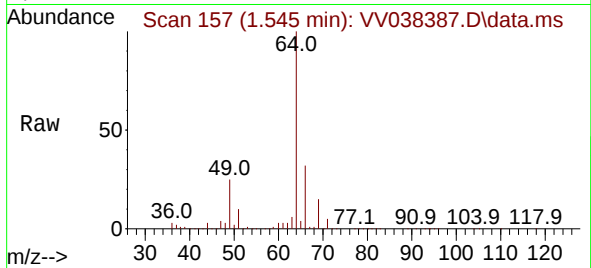




#8
Chloroethane
Concen: 50.823 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

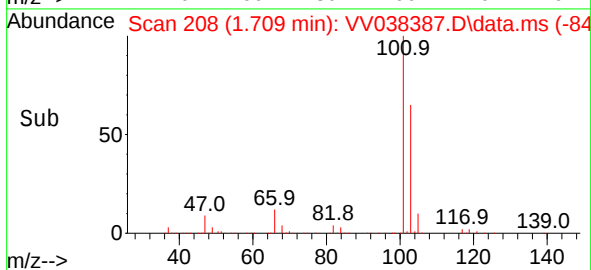
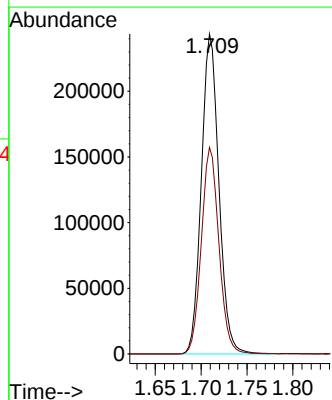
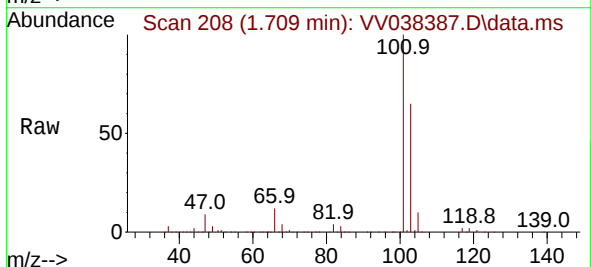
Instrument :
MSVOA_V
ClientSampleId :

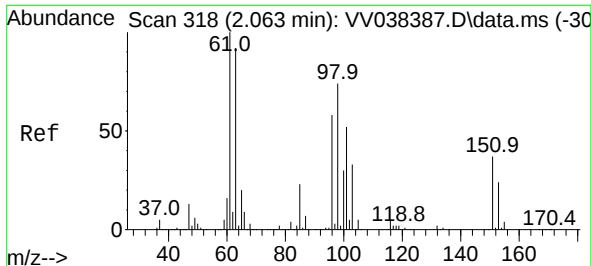
Tgt Ion: 64 Resp: 167136
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 47.260 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

Tgt Ion:101 Resp: 323942
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5





#10

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

Concen: 47.766 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :

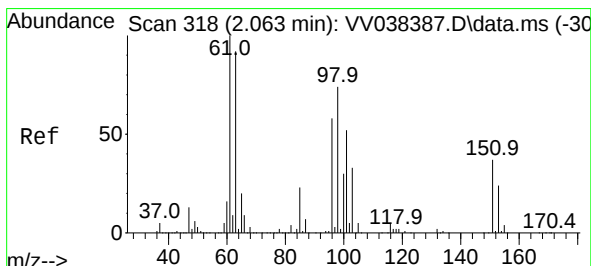
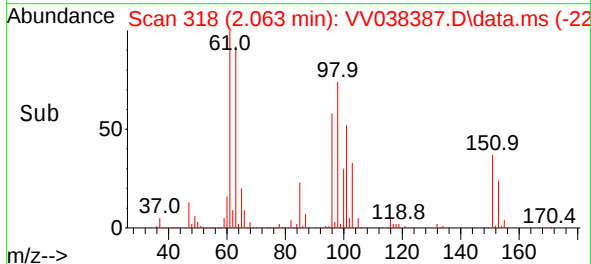
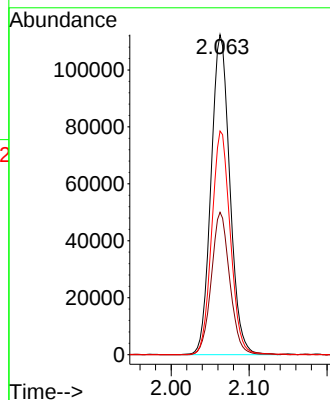
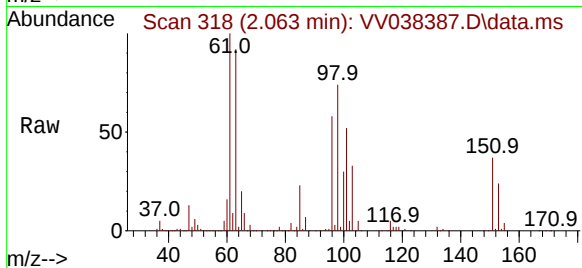
Tgt Ion:101 Resp: 188519

Ion Ratio Lower Upper

101 100

85 43.4 34.7 52.1

151 69.1 55.3 82.9



#12

1,1-Dichloroethene

Concen: 49.067 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

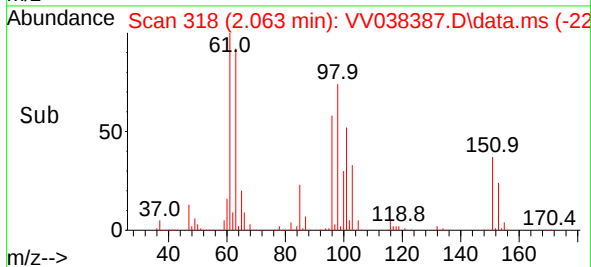
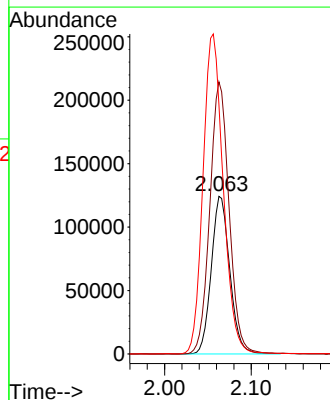
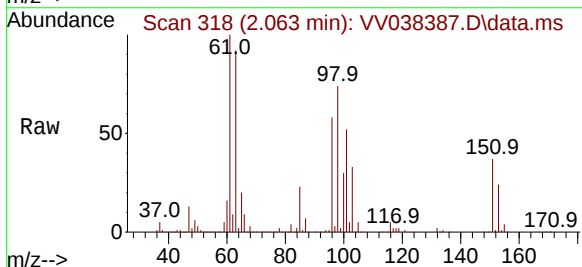
Tgt Ion: 96 Resp: 184427

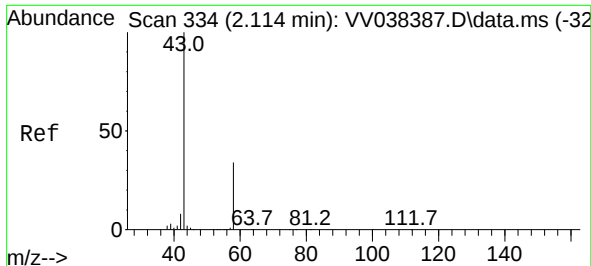
Ion Ratio Lower Upper

96 100

61 172.7 120.9 224.5

63 158.4 110.9 205.9





#13

Acetone

Concen: 101.744 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

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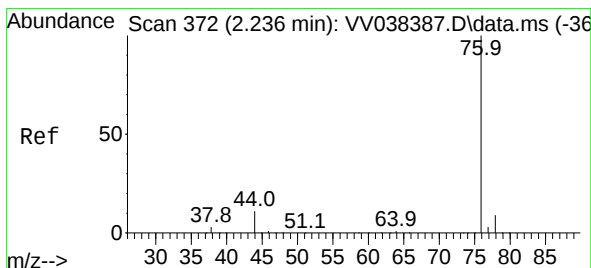
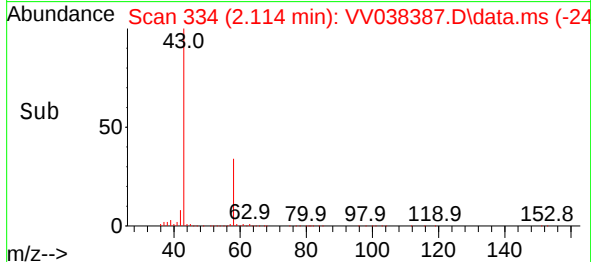
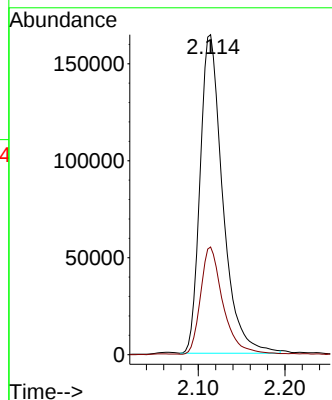
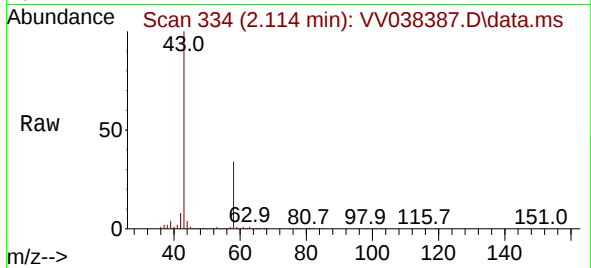
ClientSampleId :

Tgt Ion: 43 Resp: 298423

Ion Ratio Lower Upper

43 100

58 33.6 0.0 67.2



#14

Carbon disulfide

Concen: 48.858 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038387.D

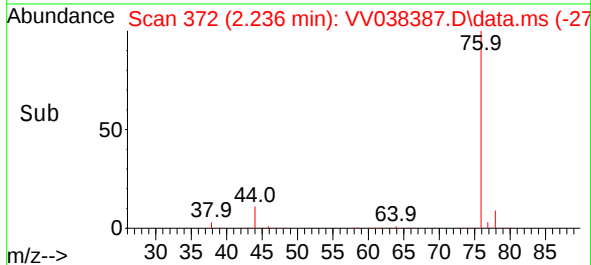
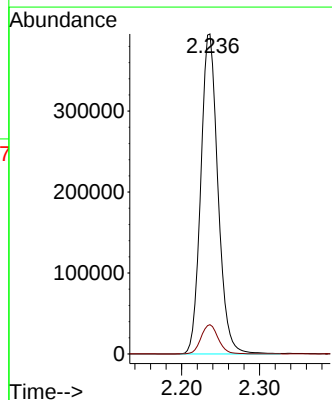
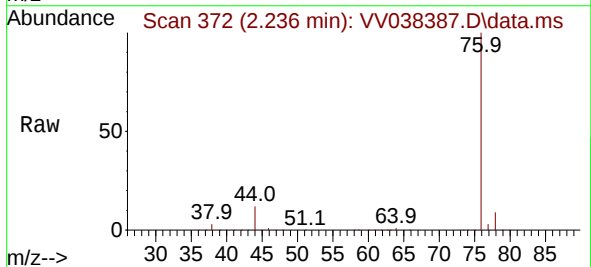
Acq: 02 Dec 2024 12:36

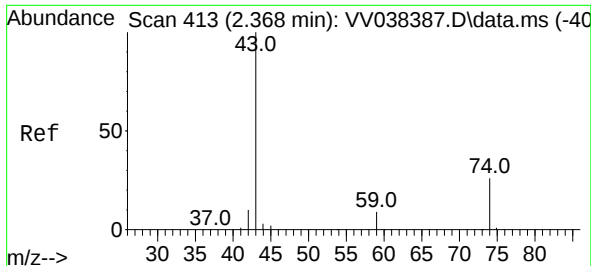
Tgt Ion: 76 Resp: 604374

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

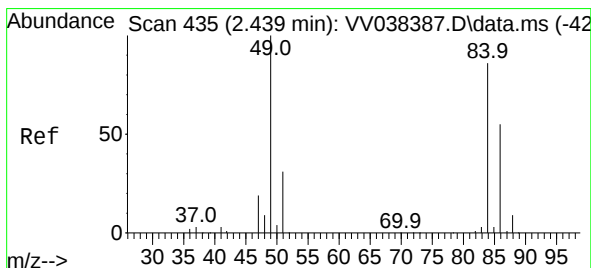
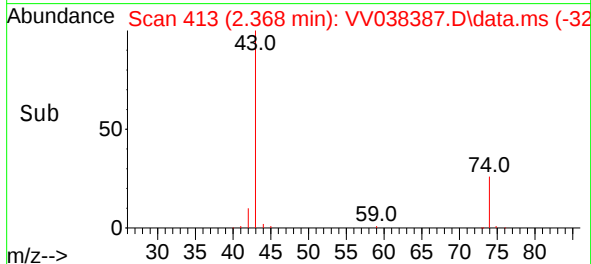
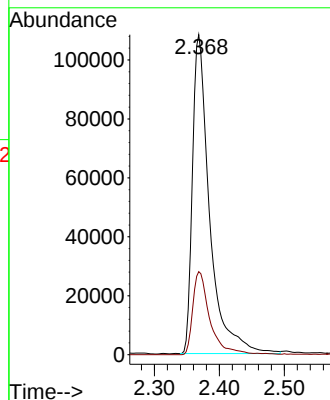
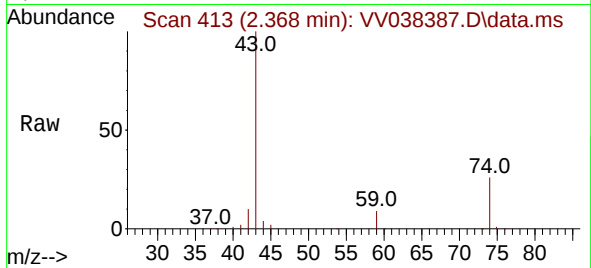




#15
Methyl Acetate
Concen: 52.288 ug/L
RT: 2.368 min Scan# 413
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

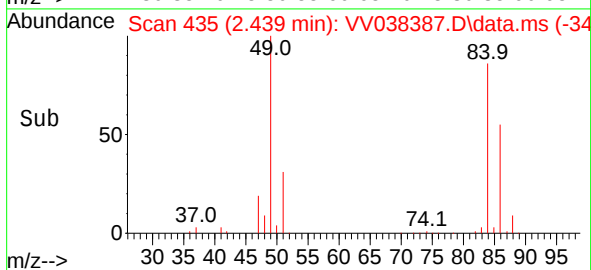
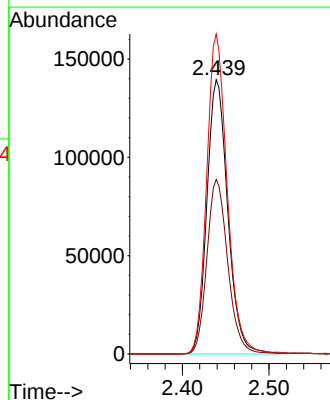
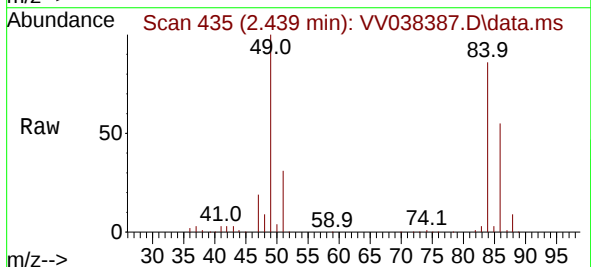
Instrument :
MSVOA_V
ClientSampleId :

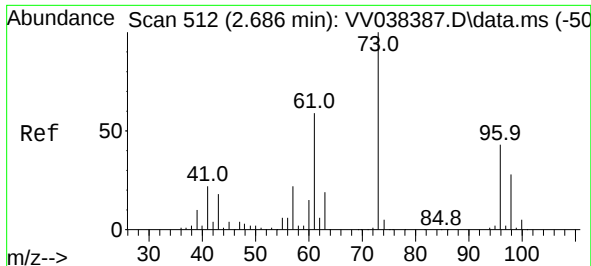
Tgt Ion: 43 Resp: 198498
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0



#16
Methylene chloride
Concen: 51.542 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

Tgt Ion: 84 Resp: 233764
Ion Ratio Lower Upper
84 100
86 63.6 44.5 82.7
49 116.7 81.7 151.7





#17

trans-1,2-Dichloroethene

Concen: 49.081 ug/L

RT: 2.686 min Scan# 512

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :

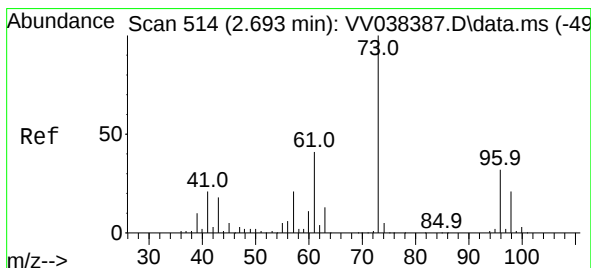
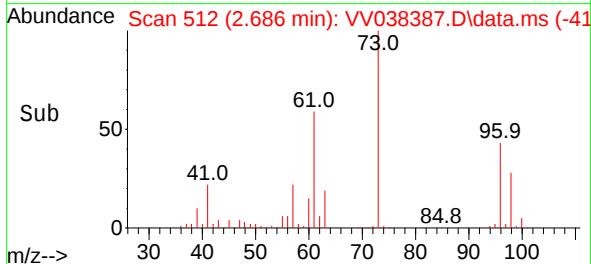
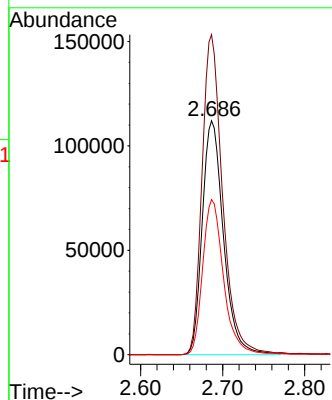
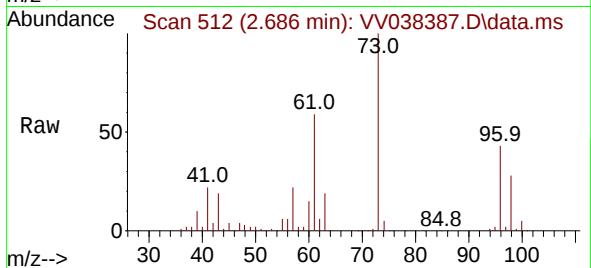
Tgt Ion: 96 Resp: 201162

Ion Ratio Lower Upper

96 100

61 136.7 95.7 177.7

98 66.3 46.4 86.2



#18

Methyl tert-butyl Ether

Concen: 52.829 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

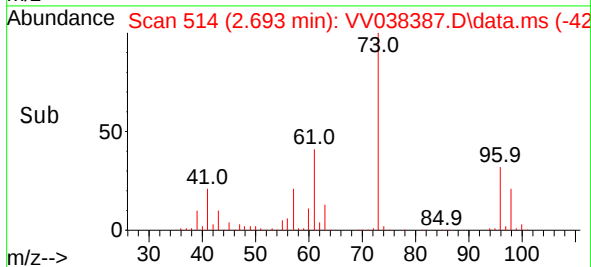
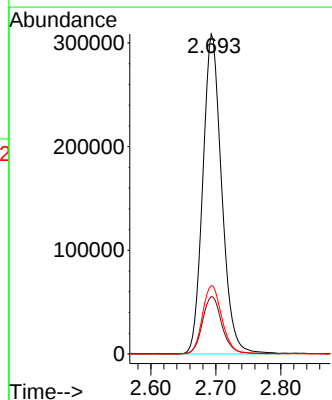
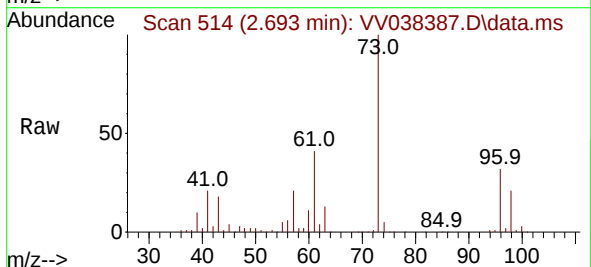
Tgt Ion: 73 Resp: 625374

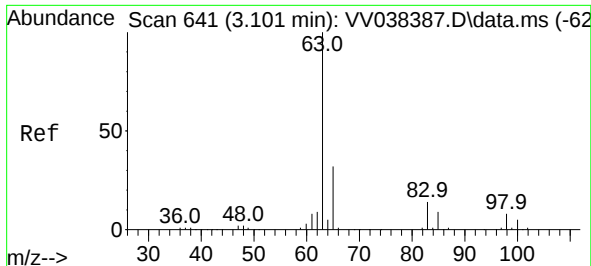
Ion Ratio Lower Upper

73 100

43 18.3 14.7 22.1

57 22.1 17.7 26.5

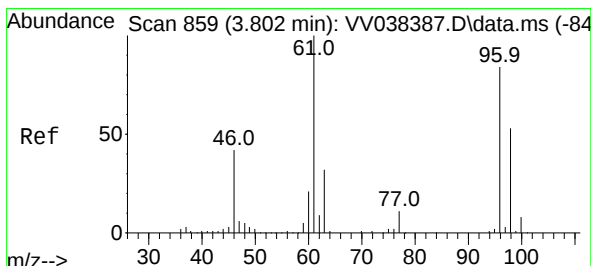
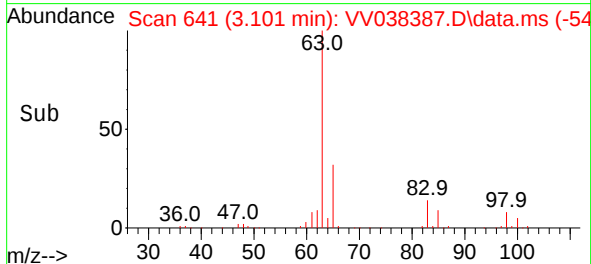
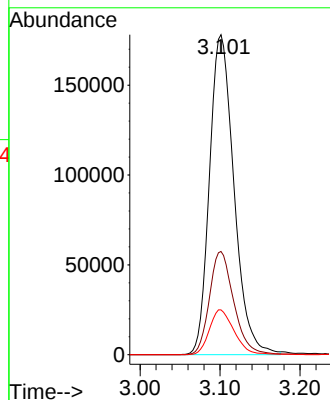
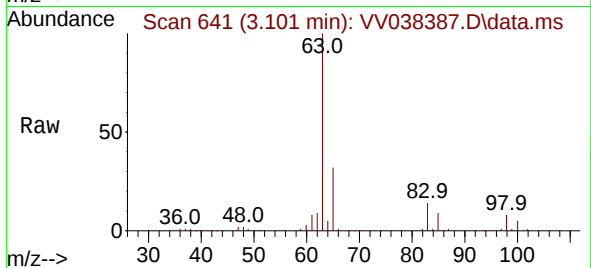




#19
1,1-Dichloroethane
Concen: 50.468 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

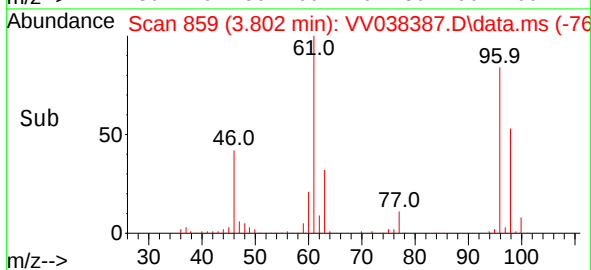
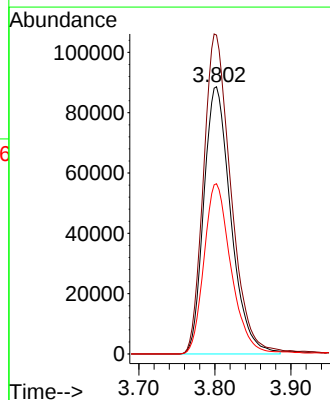
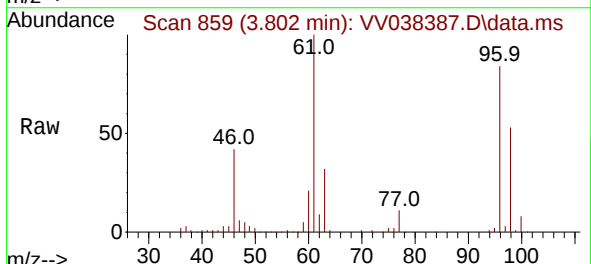
Instrument :
MSVOA_V
ClientSampleId :

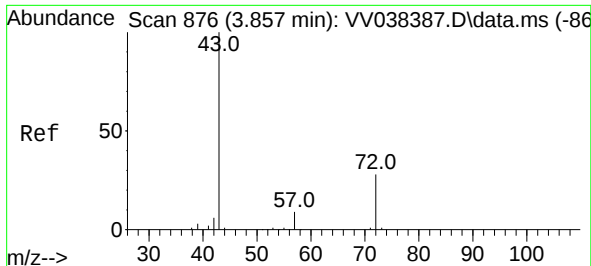
Tgt Ion: 63 Resp: 379350
Ion Ratio Lower Upper
63 100
65 32.3 22.6 42.0
83 14.0 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 50.779 ug/L
RT: 3.802 min Scan# 859
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

Tgt Ion: 96 Resp: 218876
Ion Ratio Lower Upper
96 100
61 119.3 83.5 155.1
98 63.7 44.6 82.8

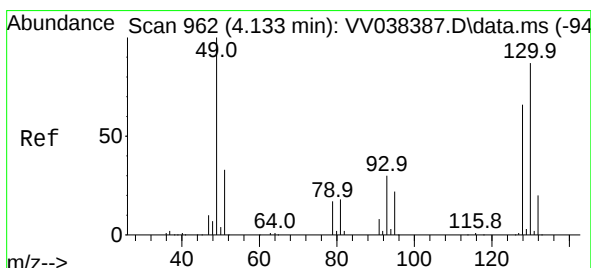
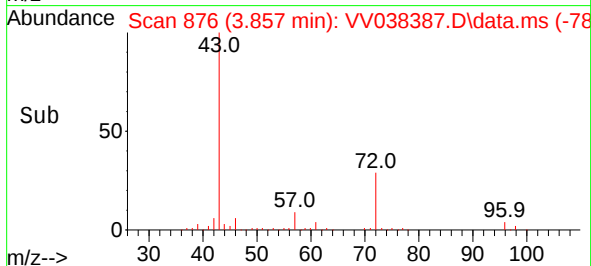
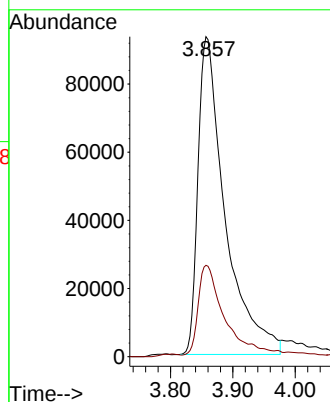
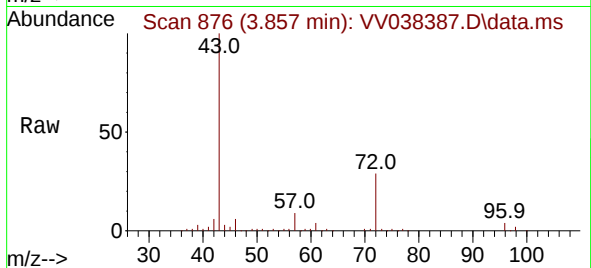




#22
2-Butanone
Concen: 108.112 ug/L
RT: 3.857 min Scan# 876
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

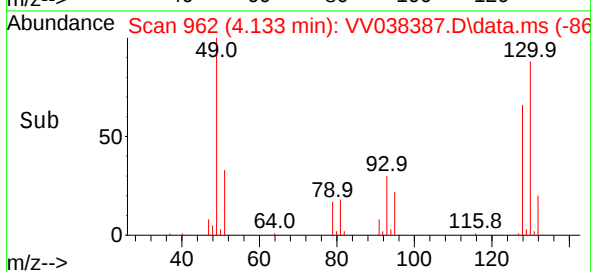
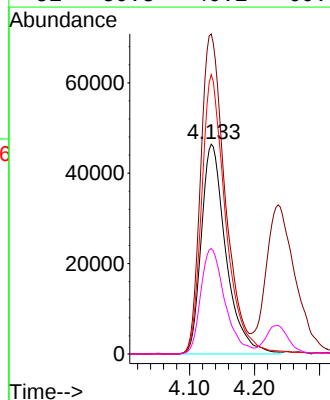
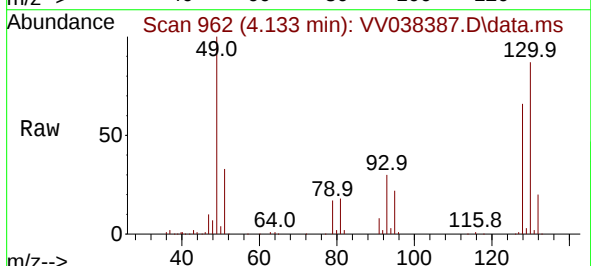
Instrument :
MSVOA_V
ClientSampleId :

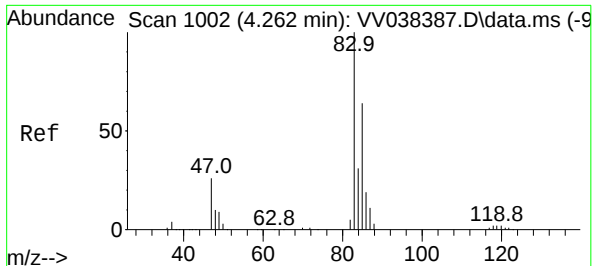
Tgt Ion: 43 Resp: 281696
Ion Ratio Lower Upper
43 100
72 25.0 12.5 37.5



#23
Bromochloromethane
Concen: 52.084 ug/L
RT: 4.133 min Scan# 962
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

Tgt Ion:128 Resp: 122030
Ion Ratio Lower Upper
128 100
49 152.5 106.7 198.3
130 133.2 93.2 173.2
51 50.3 40.2 60.4





#25

Chloroform

Concen: 50.919 ug/L

RT: 4.262 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Instrument :

MSVOA_V

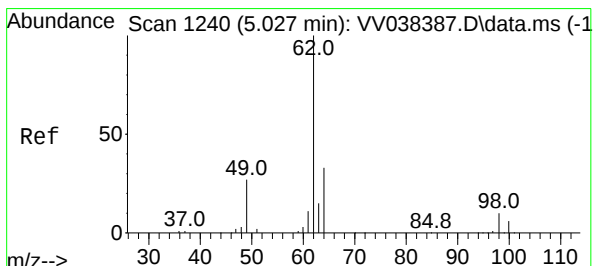
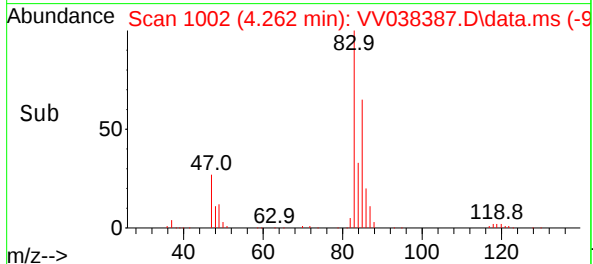
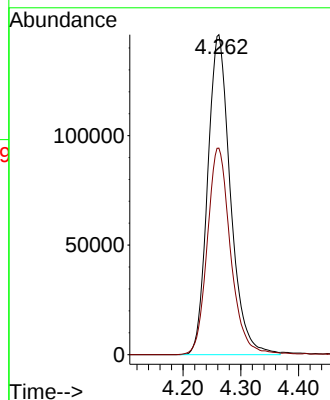
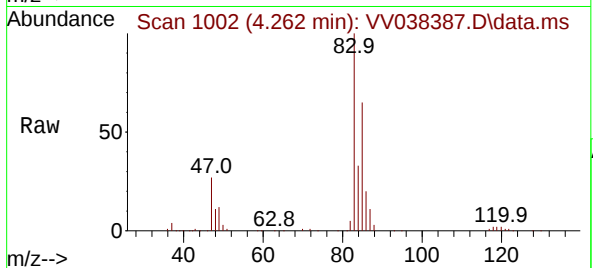
ClientSampleId :

Tgt Ion: 83 Resp: 399527

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 52.367 ug/L

RT: 5.027 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VV038387.D

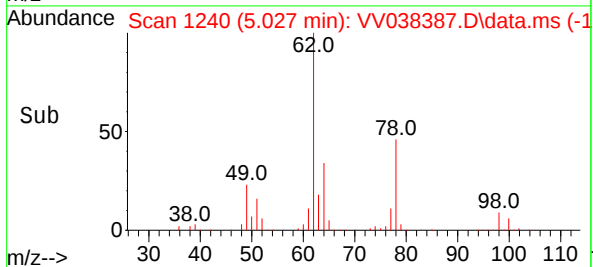
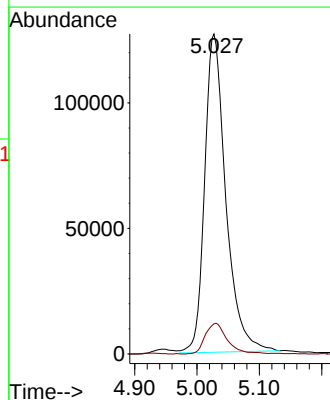
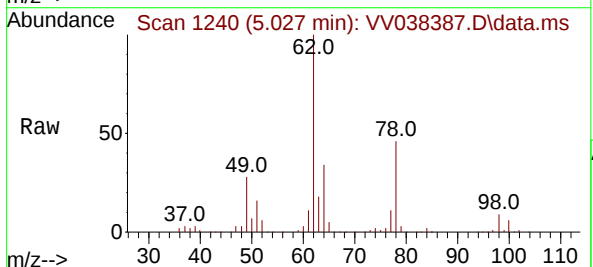
Acq: 02 Dec 2024 12:36

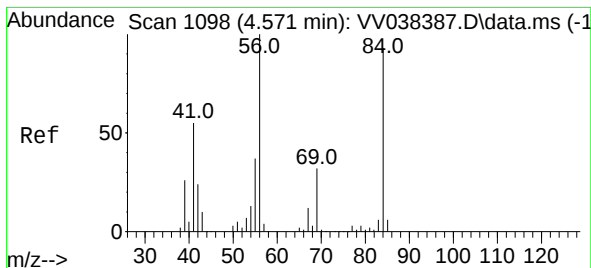
Tgt Ion: 62 Resp: 299728

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 48.042 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :

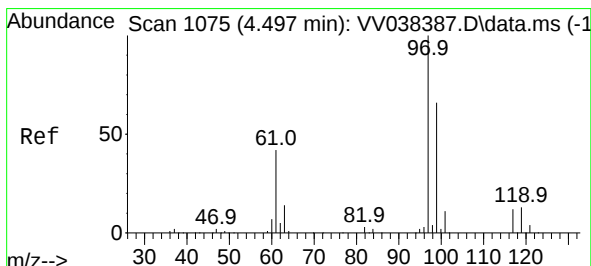
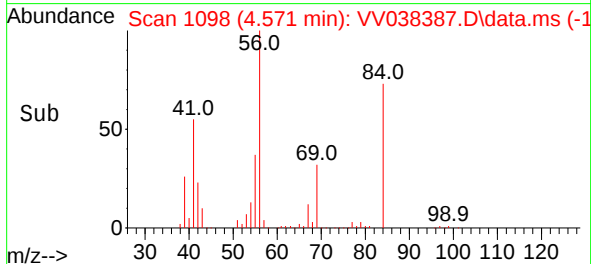
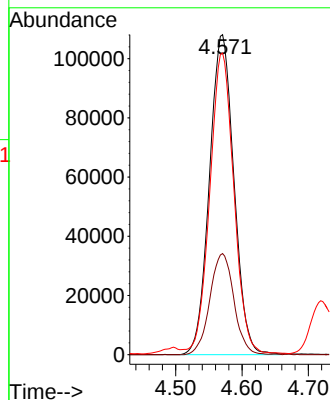
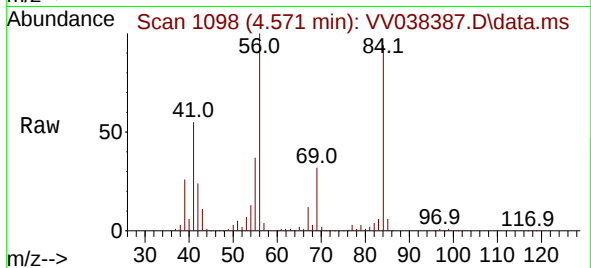
Tgt Ion: 56 Resp: 277617

Ion Ratio Lower Upper

56 100

69 31.0 24.8 37.2

84 92.1 73.7 110.5



#30

1,1,1-Trichloroethane

Concen: 48.489 ug/L

RT: 4.497 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

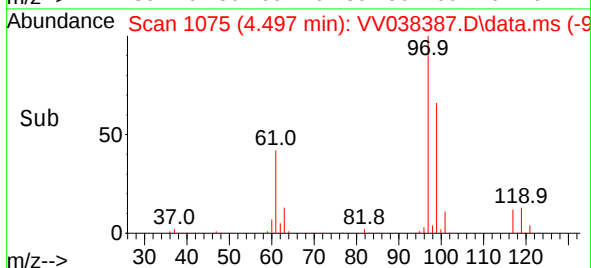
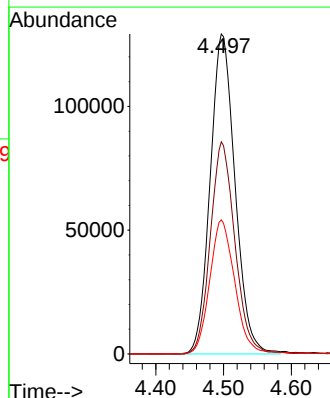
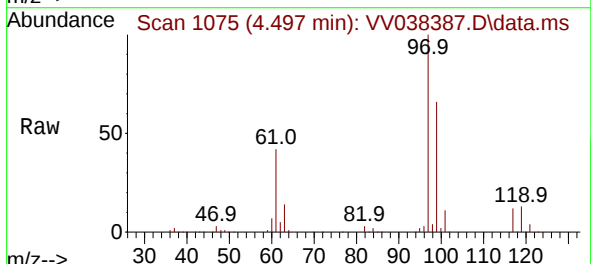
Tgt Ion: 97 Resp: 329576

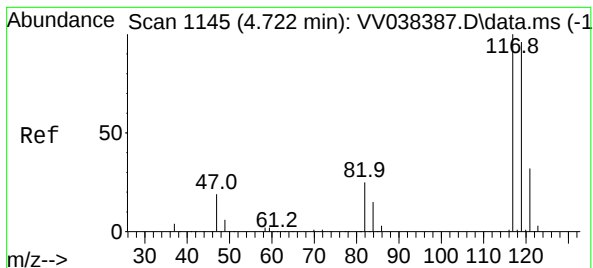
Ion Ratio Lower Upper

97 100

99 65.4 52.3 78.5

61 42.0 33.6 50.4





#31

Carbon tetrachloride

Concen: 47.443 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Instrument :

MSVOA_V

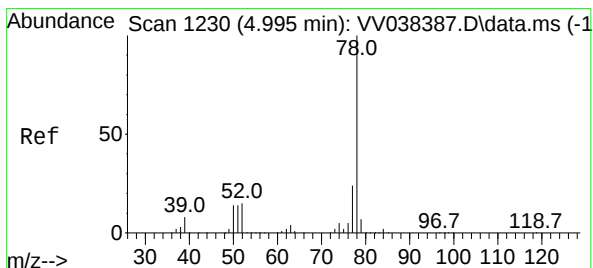
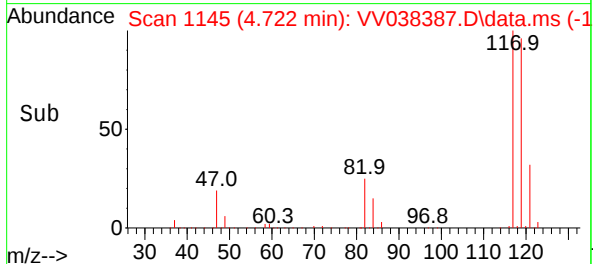
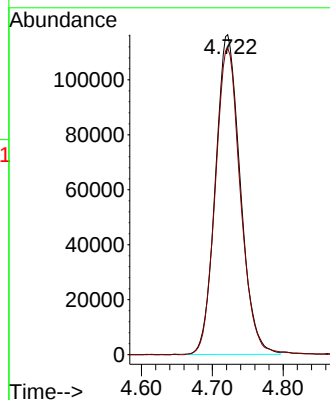
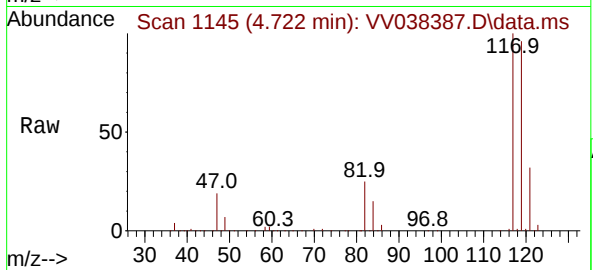
ClientSampleId :

Tgt Ion:117 Resp: 283391

Ion Ratio Lower Upper

117 100

119 97.1 77.7 116.5



#33

Benzene

Concen: 51.782 ug/L

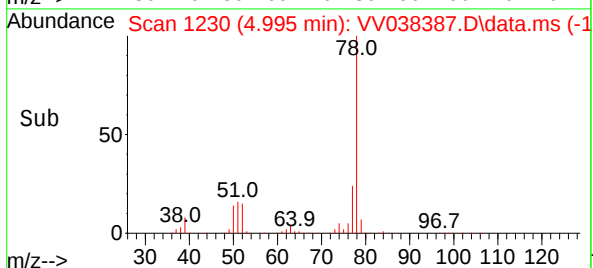
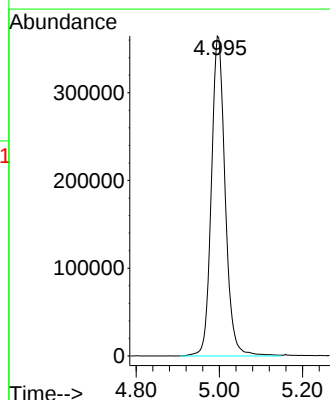
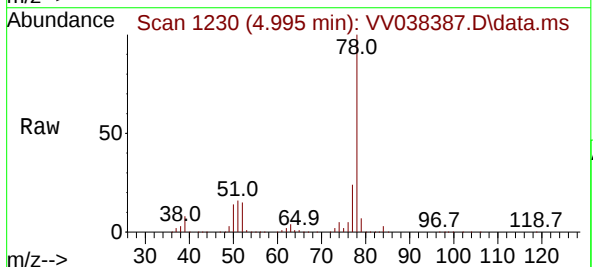
RT: 4.995 min Scan# 1230

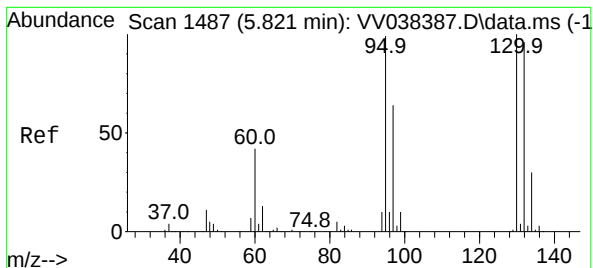
Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Tgt Ion: 78 Resp: 840685





#34

Trichloroethene

Concen: 48.669 ug/L

RT: 5.821 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 211092

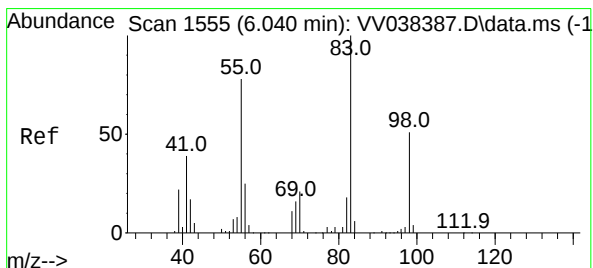
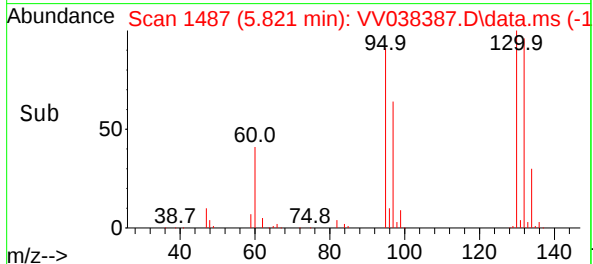
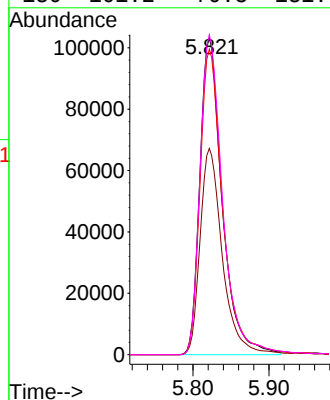
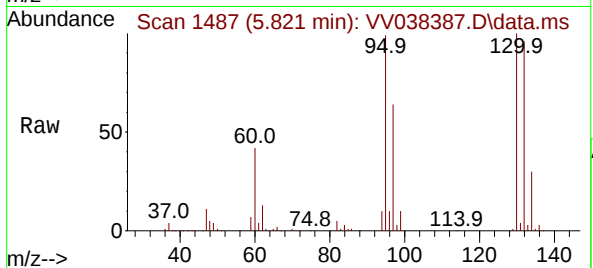
Ion Ratio Lower Upper

95 100

97 65.2 45.6 84.8

132 96.6 67.6 125.6

130 101.2 70.8 131.6



#35

Methylcyclohexane

Concen: 48.531 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

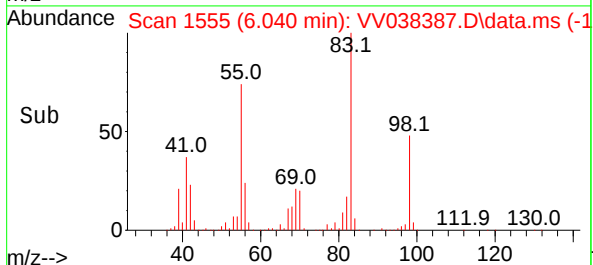
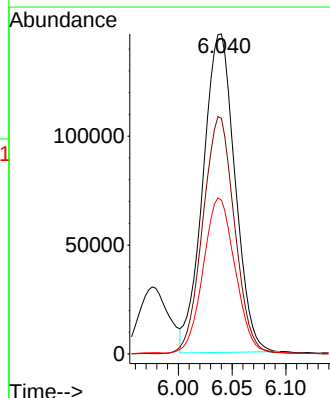
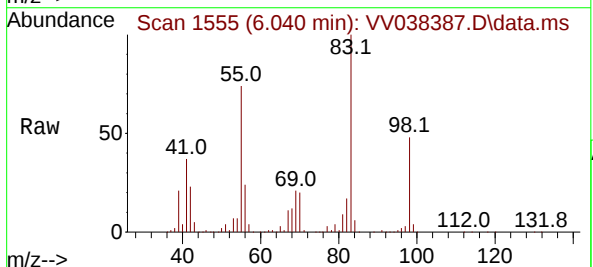
Tgt Ion: 83 Resp: 302277

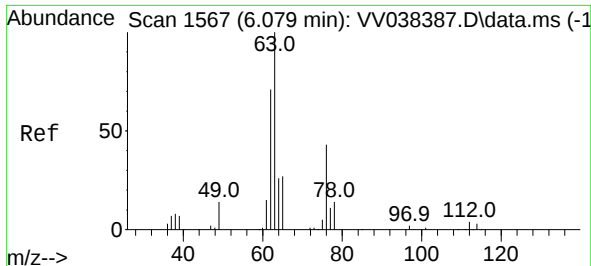
Ion Ratio Lower Upper

83 100

55 73.8 59.0 88.6

98 49.4 39.5 59.3

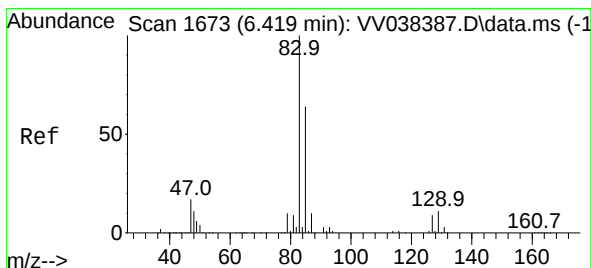
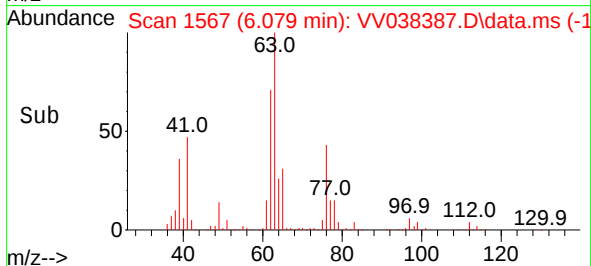
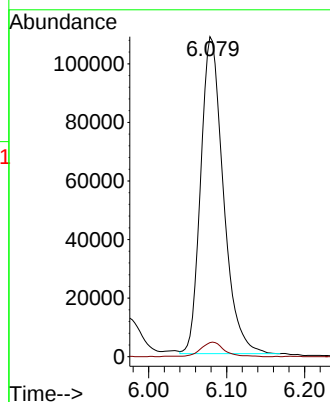
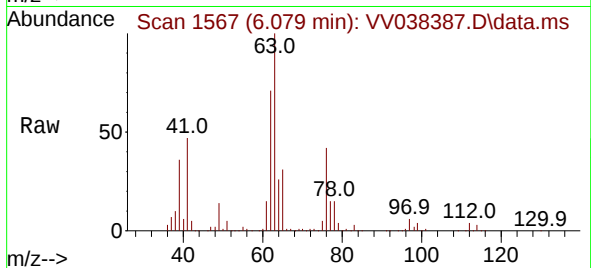




#37
1,2-Dichloropropane
Concen: 51.766 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

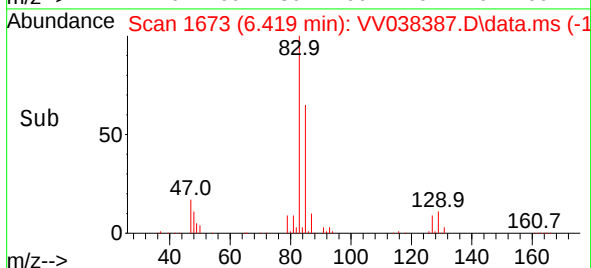
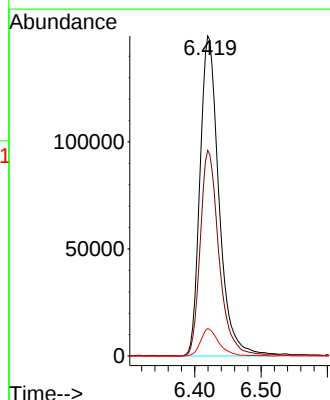
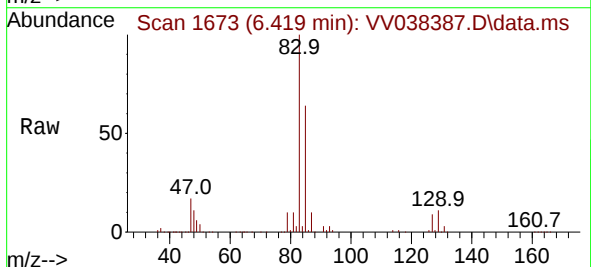
Instrument :
MSVOA_V
ClientSampleId :

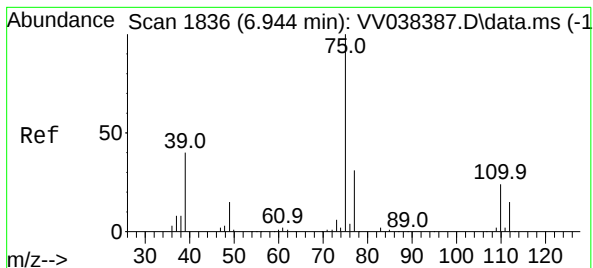
Tgt Ion: 63 Resp: 218520
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 50.770 ug/L
RT: 6.419 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

Tgt Ion: 83 Resp: 297439
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5
127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 50.870 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Instrument :

MSVOA_V

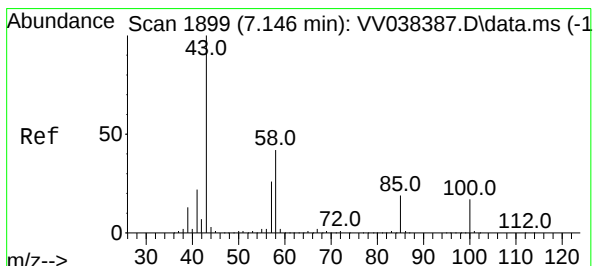
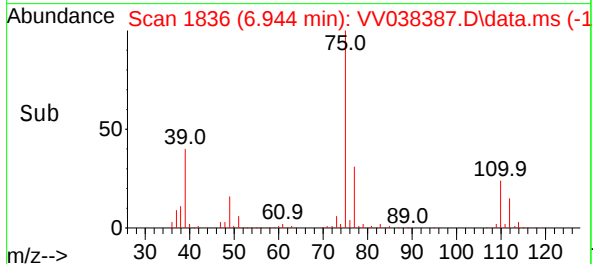
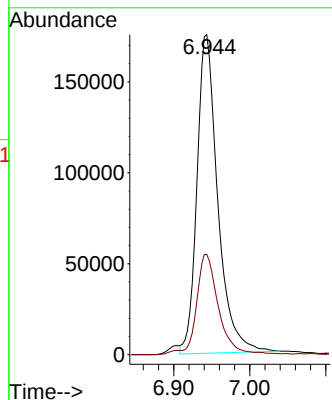
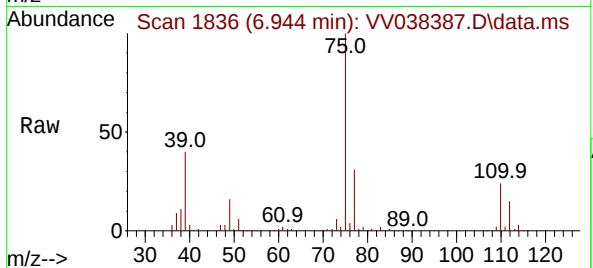
ClientSampleId :

Tgt Ion: 75 Resp: 333227

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 110.203 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

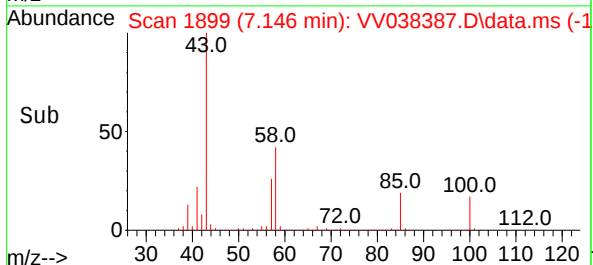
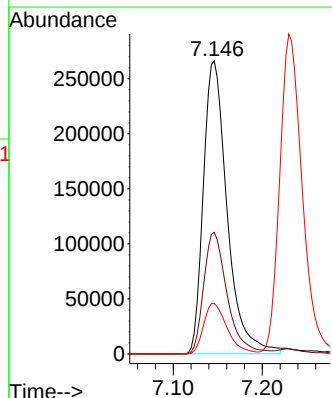
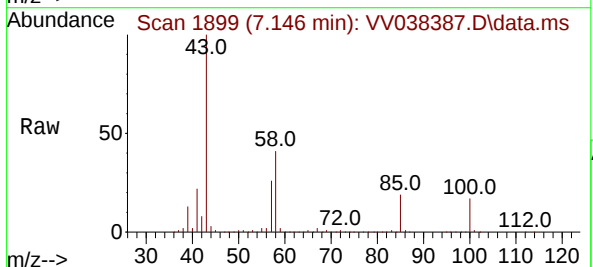
Tgt Ion: 43 Resp: 494690

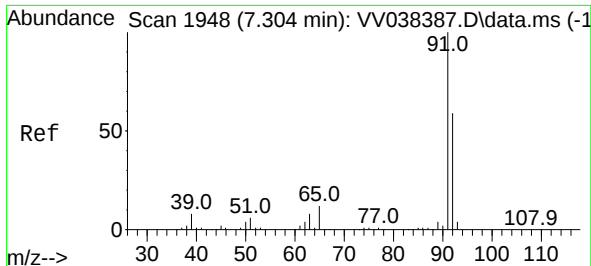
Ion Ratio Lower Upper

43 100

58 40.9 32.7 49.1

100 17.1 13.7 20.5





#42

Toluene

Concen: 51.350 ug/L

RT: 7.304 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Instrument :

MSVOA_V

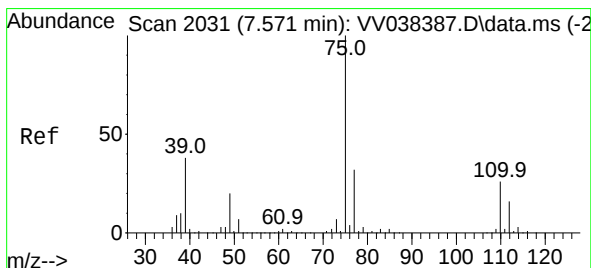
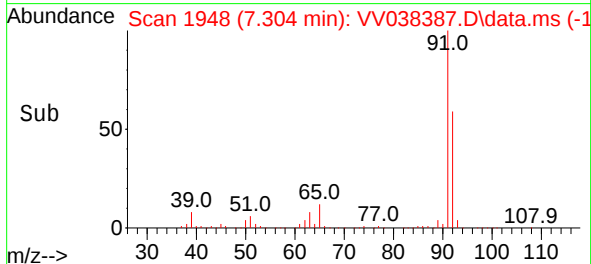
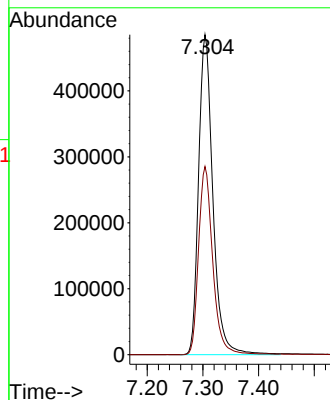
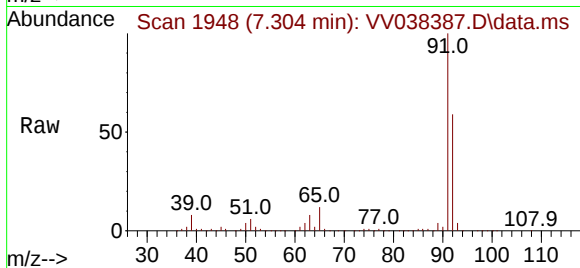
ClientSampleId :

Tgt Ion: 91 Resp: 866117

Ion Ratio Lower Upper

91 100

92 58.8 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 53.652 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VV038387.D

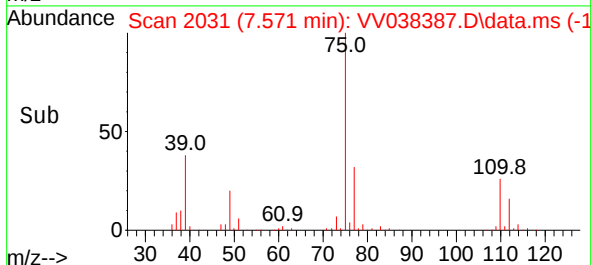
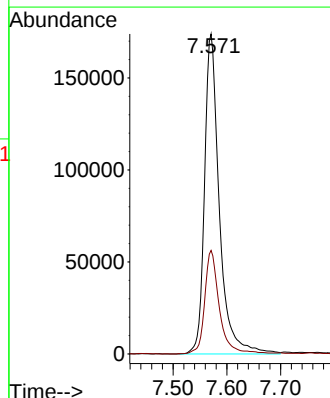
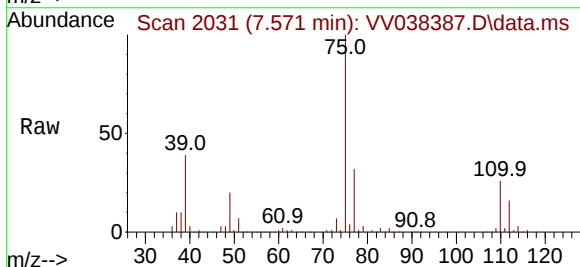
Acq: 02 Dec 2024 12:36

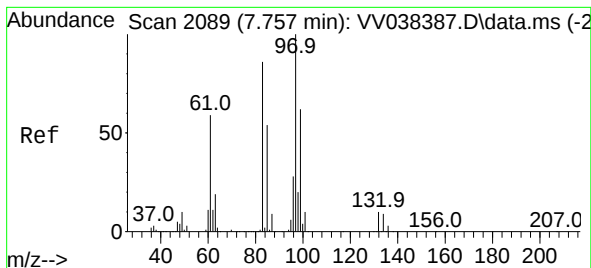
Tgt Ion: 75 Resp: 333487

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 51.306 ug/L

RT: 7.757 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 224712

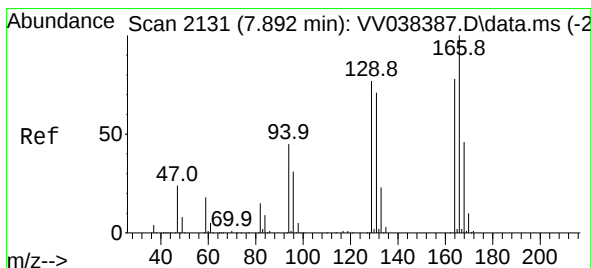
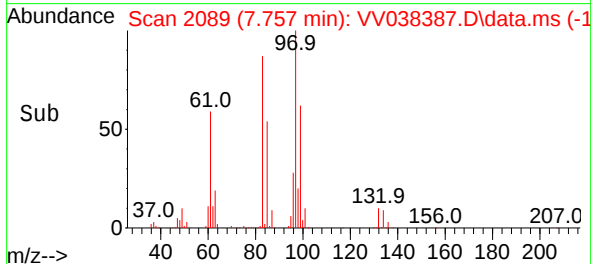
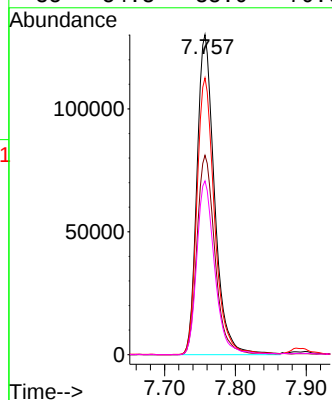
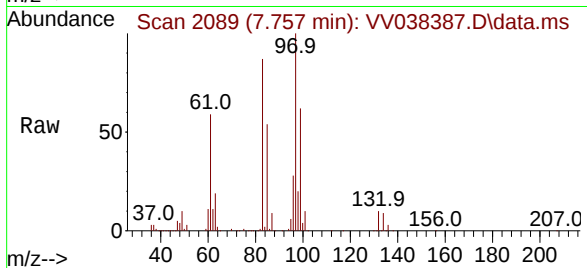
Ion Ratio Lower Upper

97 100

99 62.3 43.6 81.0

83 86.5 60.5 112.5

85 54.3 38.0 70.6



#46

Tetrachloroethene

Concen: 47.387 ug/L

RT: 7.892 min Scan# 2131

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Tgt Ion: 164 Resp: 158676

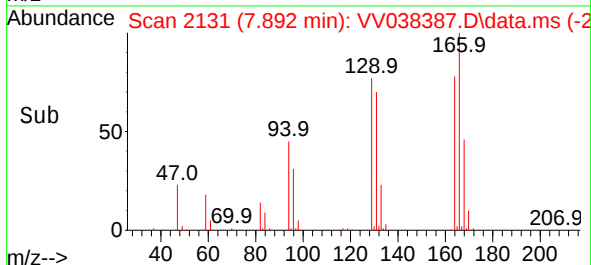
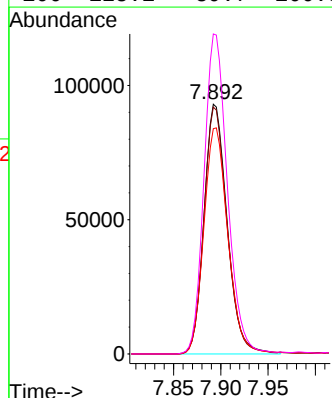
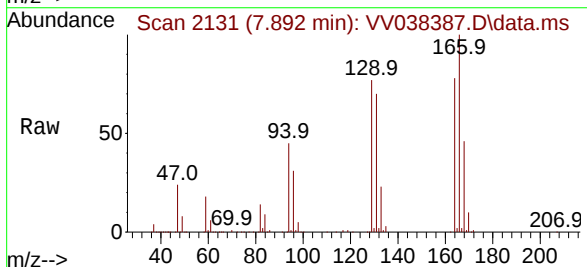
Ion Ratio Lower Upper

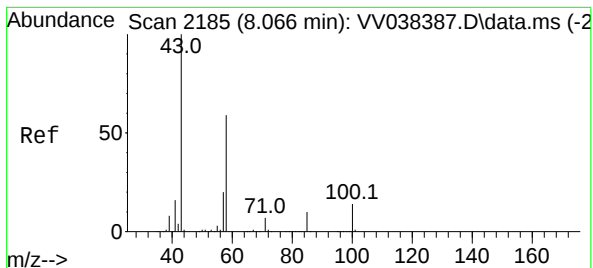
164 100

129 98.8 69.2 128.4

131 90.2 63.1 117.3

166 128.1 89.7 166.5





#48

2-Hexanone

Concen: 109.615 ug/L

RT: 8.066 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

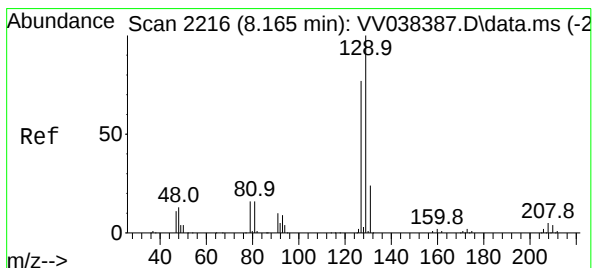
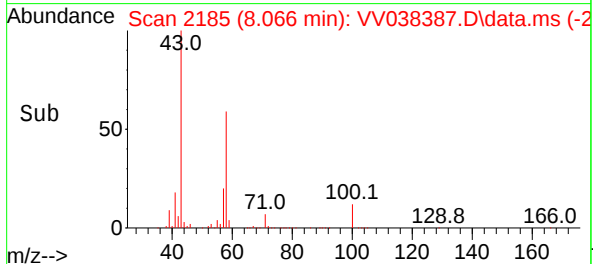
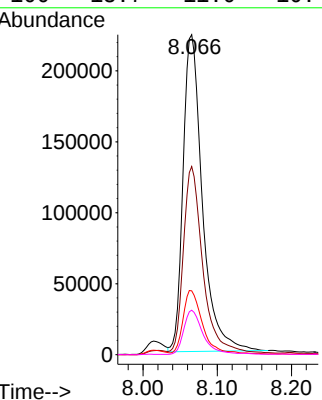
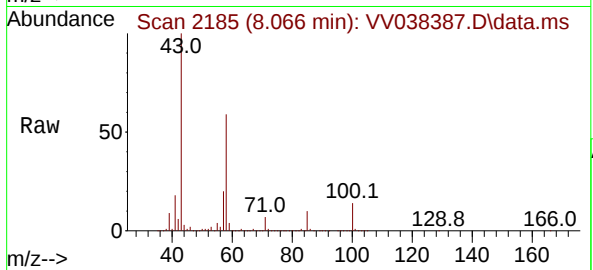
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 405242

Ion	Ratio	Lower	Upper
43	100		
58	60.0	48.0	72.0
57	19.4	15.5	23.3
100	13.7	11.0	16.4



#49

Dibromochloromethane

Concen: 51.215 ug/L

RT: 8.165 min Scan# 2216

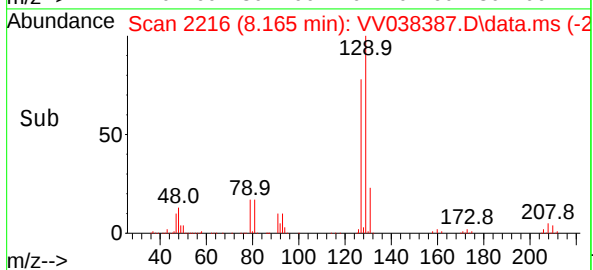
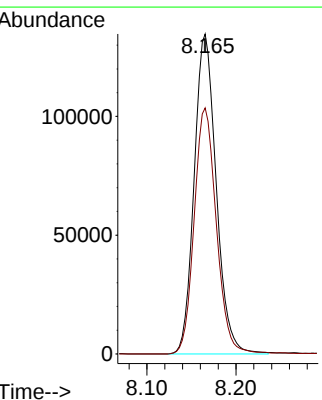
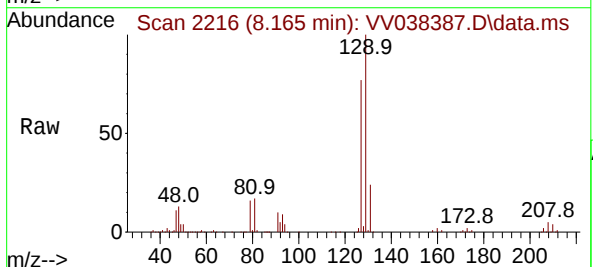
Delta R.T. 0.000 min

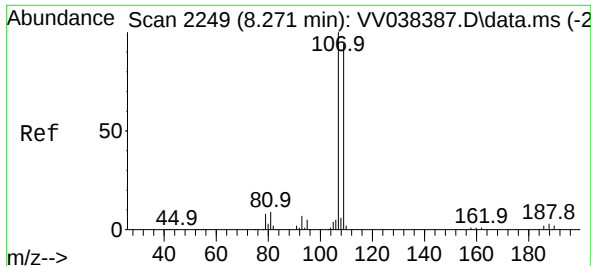
Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Tgt Ion:129 Resp: 231361

Ion	Ratio	Lower	Upper
129	100		
127	76.9	53.8	100.0

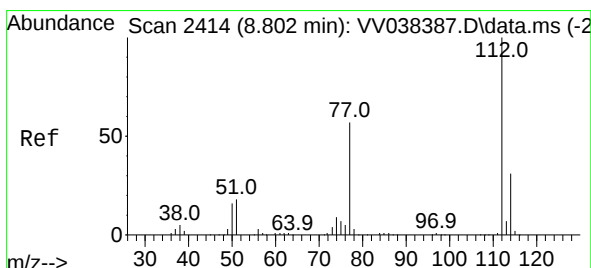
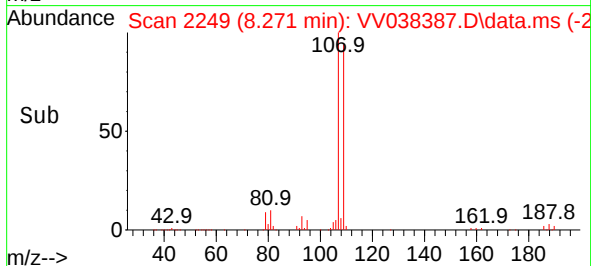
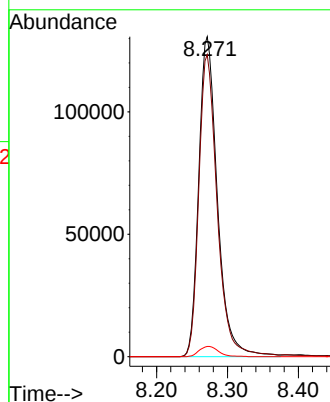
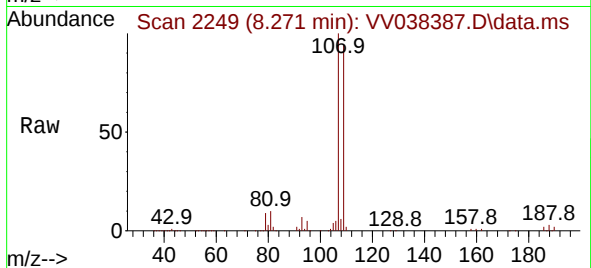




#50
1,2-Dibromoethane
Concen: 51.818 ug/L
RT: 8.271 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

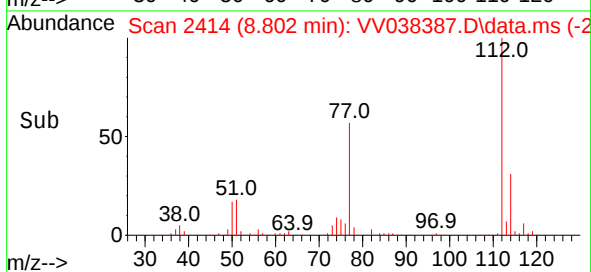
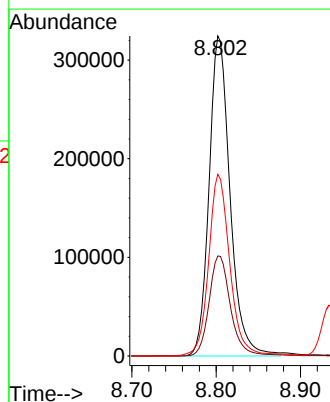
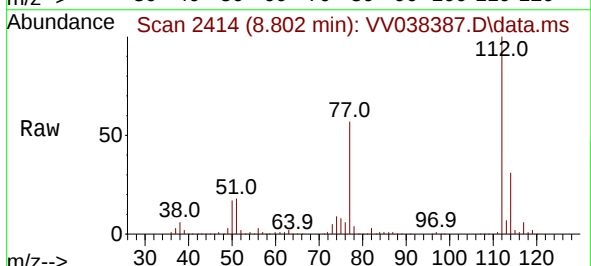
Instrument :
MSVOA_V
ClientSampleId :

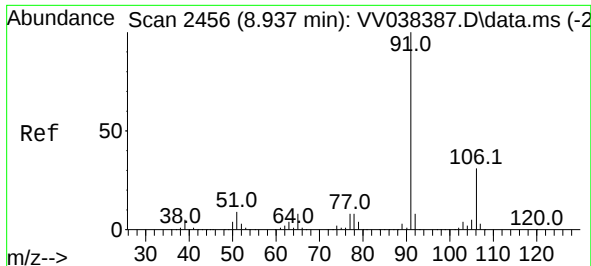
Tgt Ion:107 Resp: 239187
Ion Ratio Lower Upper
107 100
109 94.4 66.1 122.7
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 48.399 ug/L
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

Tgt Ion:112 Resp: 560896
Ion Ratio Lower Upper
112 100
114 31.3 21.9 40.7
77 56.7 45.4 68.0





#52

Ethylbenzene

Concen: 50.577 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Instrument :

MSVOA_V

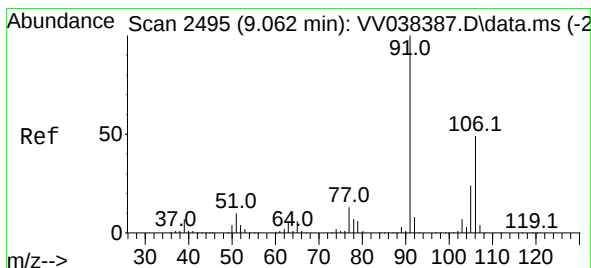
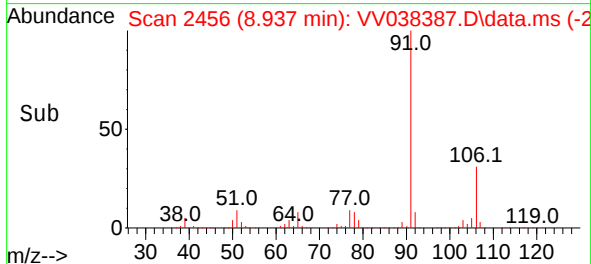
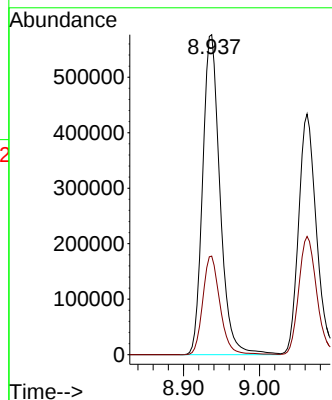
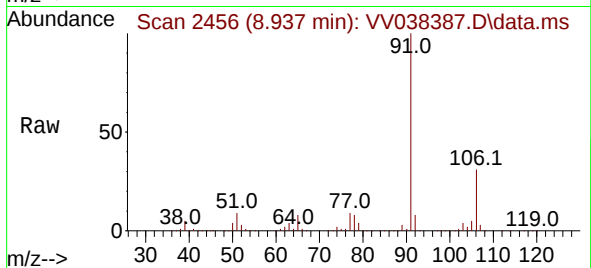
ClientSampleId :

Tgt Ion: 91 Resp: 914966

Ion Ratio Lower Upper

91 100

106 30.8 21.6 40.0



#53

m,p-Xylene

Concen: 51.349 ug/L

RT: 9.062 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038387.D

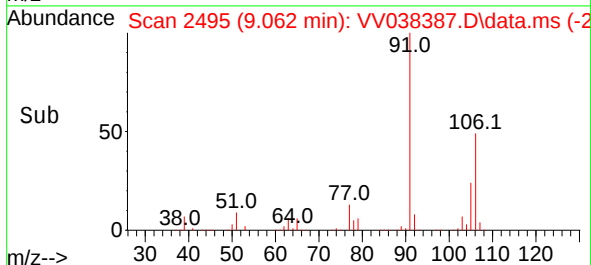
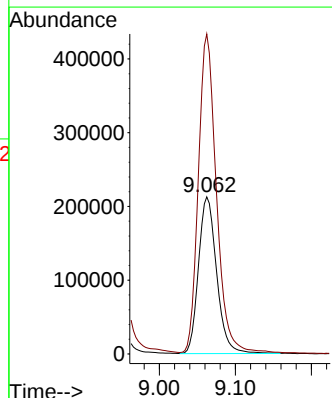
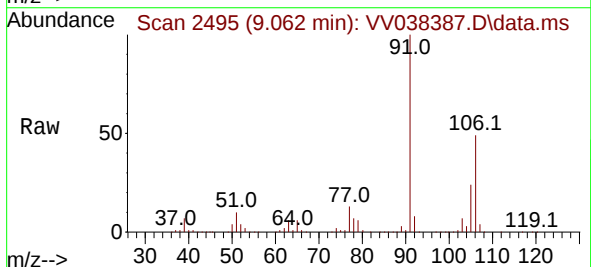
Acq: 02 Dec 2024 12:36

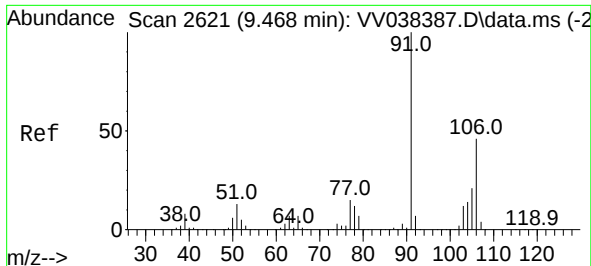
Tgt Ion: 106 Resp: 352097

Ion Ratio Lower Upper

106 100

91 203.7 142.6 264.8

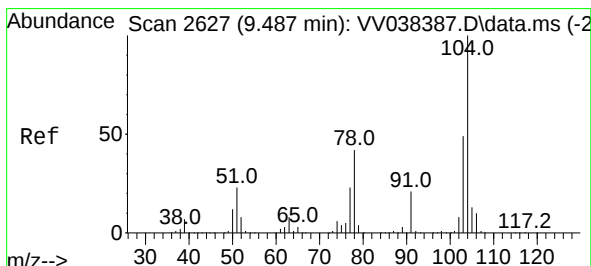
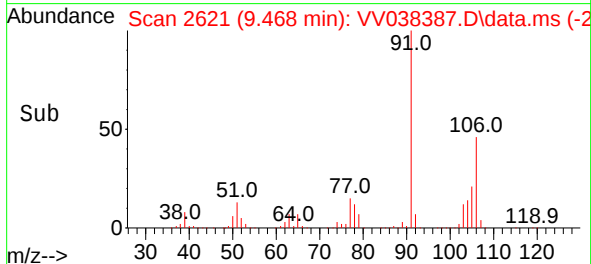
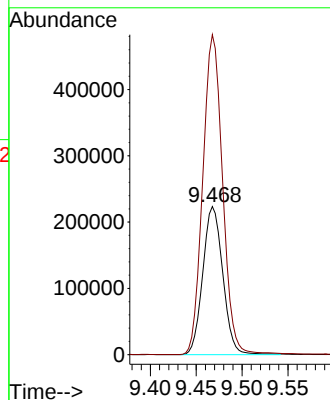
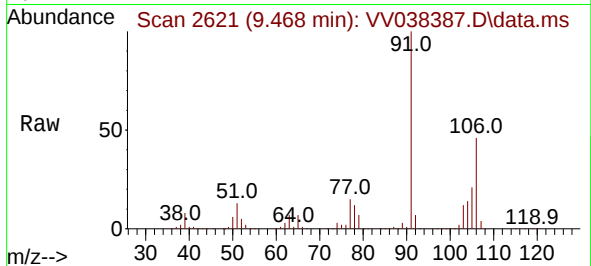




#54
o-Xylene
Concen: 51.515 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

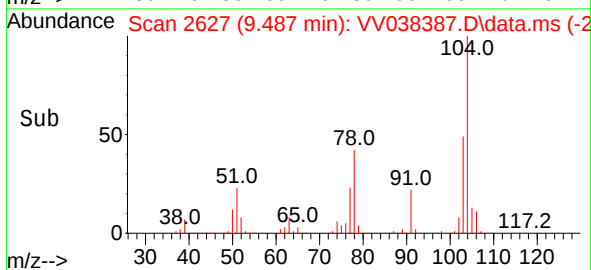
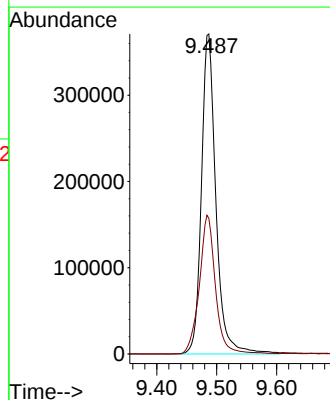
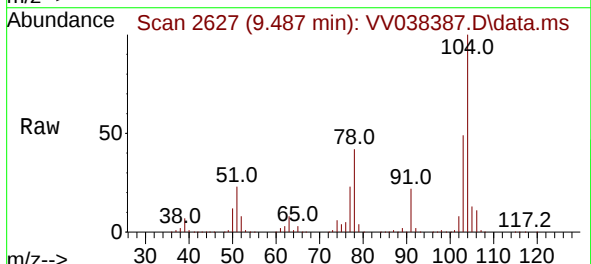
Instrument :
MSVOA_V
ClientSampleId :

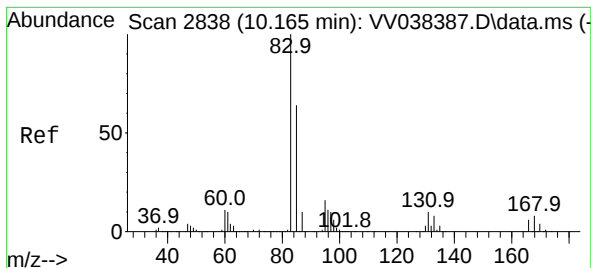
Tgt Ion:106 Resp: 339821
Ion Ratio Lower Upper
106 100
91 215.9 151.1 280.7



#55
Styrene
Concen: 53.909 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

Tgt Ion:104 Resp: 624321
Ion Ratio Lower Upper
104 100
78 42.4 29.7 55.1

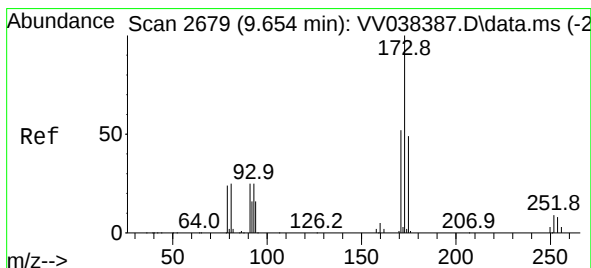
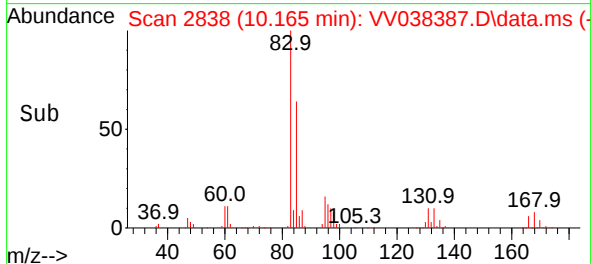
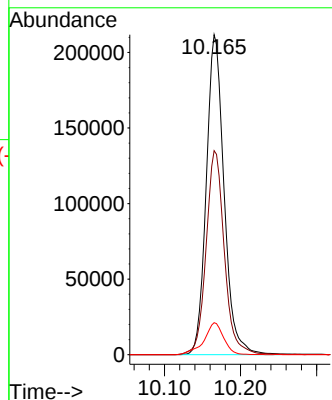
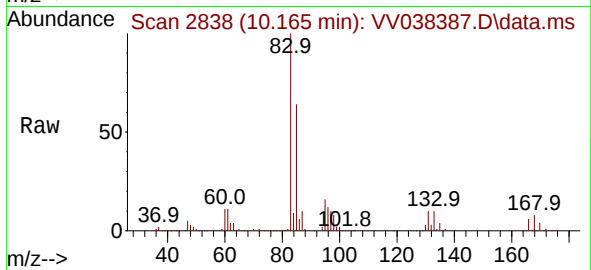




#57
1,1,2,2-Tetrachloroethane
Concen: 50.560 ug/L
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

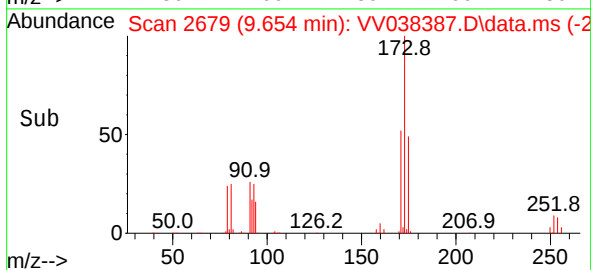
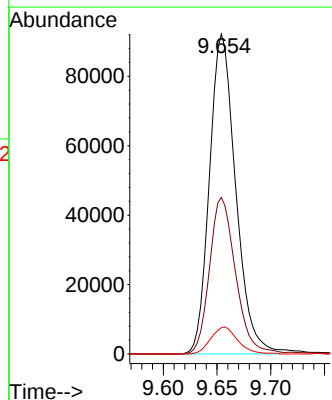
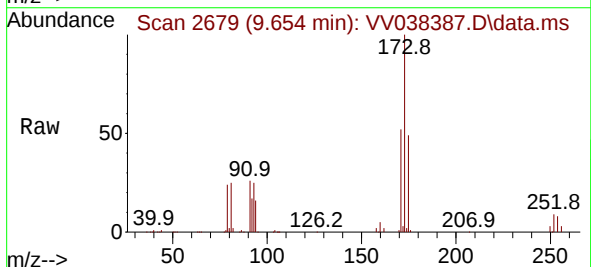
Instrument :
MSVOA_V
ClientSampleId :

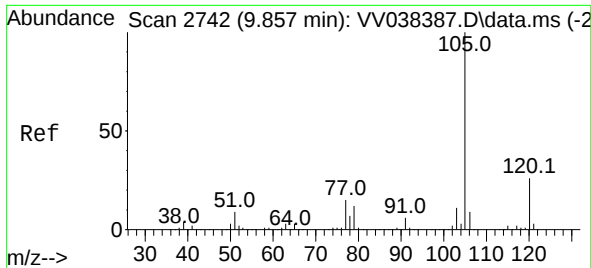
Tgt Ion: 83 Resp: 343983
Ion Ratio Lower Upper
83 100
85 63.8 44.7 82.9
131 10.0 8.0 12.0



#59
Bromoform
Concen: 49.621 ug/L
RT: 9.654 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

Tgt Ion: 173 Resp: 156406
Ion Ratio Lower Upper
173 100
175 48.5 38.8 58.2
254 8.6 6.9 10.3

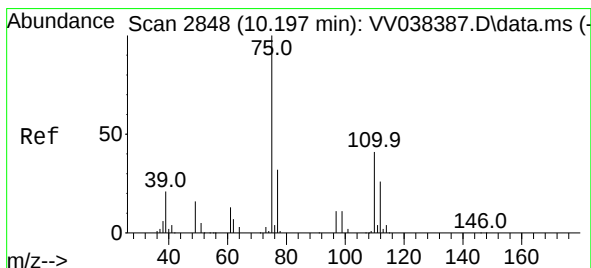
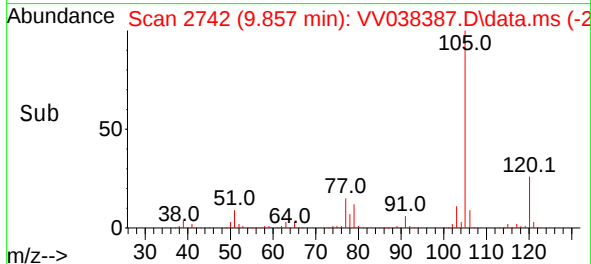
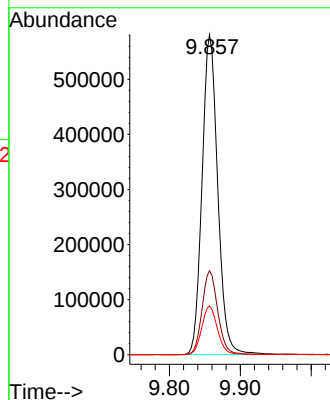
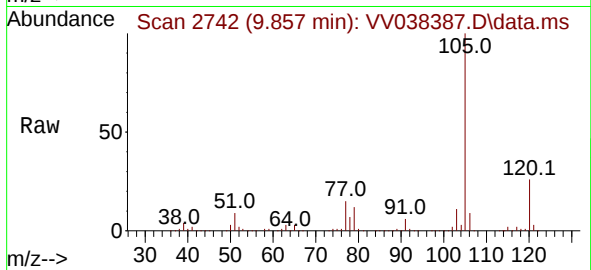




#60
Isopropylbenzene
Concen: 49.705 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

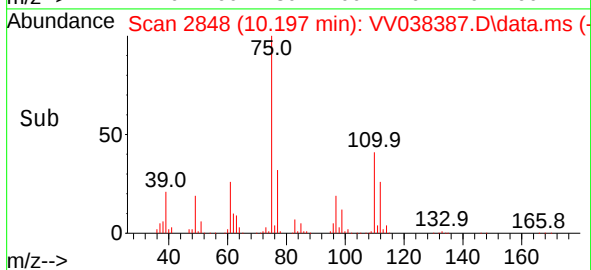
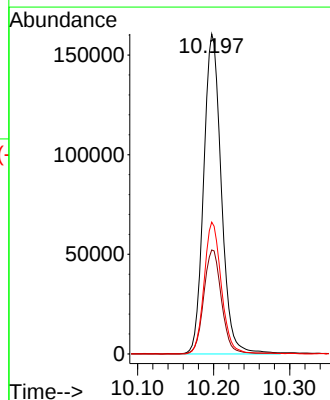
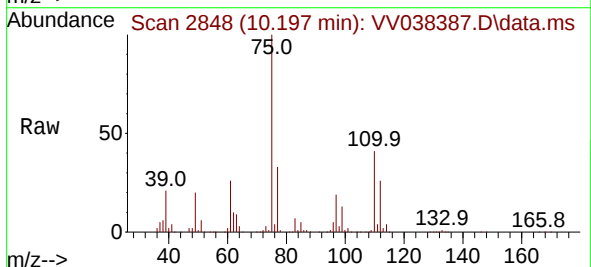
Instrument :
MSVOA_V
ClientSampleId :

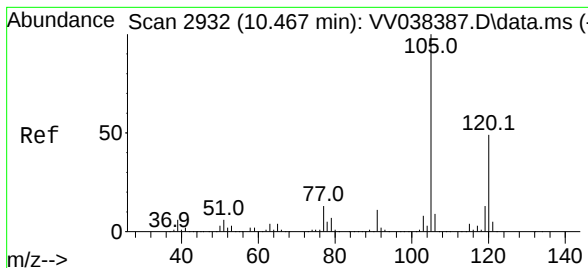
Tgt Ion:105 Resp: 891206
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 50.820 ug/L
RT: 10.197 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

Tgt Ion: 75 Resp: 259408
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
110 40.3 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 49.853 ug/L

RT: 10.467 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Instrument :

MSVOA_V

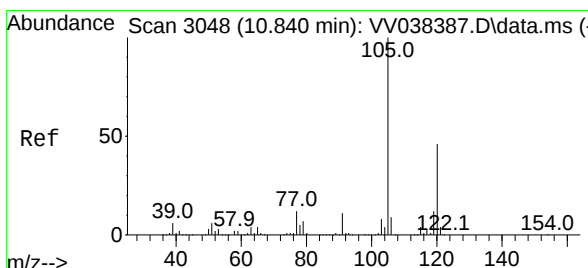
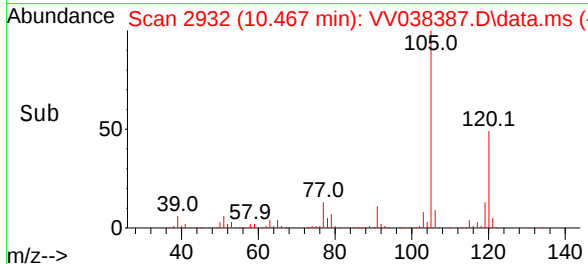
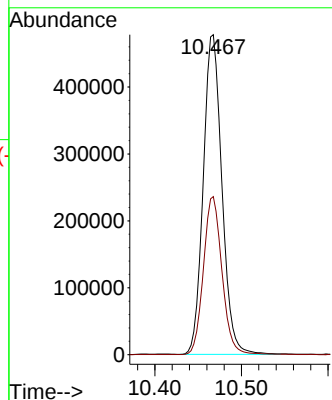
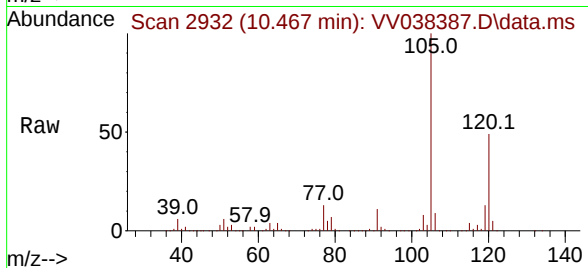
ClientSampleId :

Tgt Ion:105 Resp: 717220

Ion Ratio Lower Upper

105 100

120 48.9 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 51.359 ug/L

RT: 10.840 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV038387.D

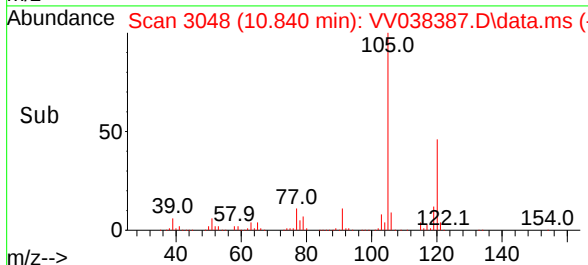
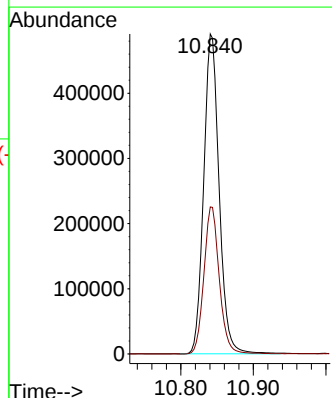
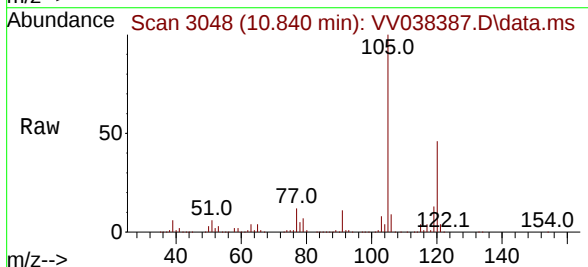
Acq: 02 Dec 2024 12:36

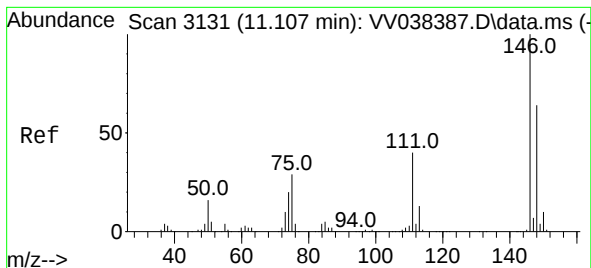
Tgt Ion:105 Resp: 726372

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 48.195 ug/L

RT: 11.107 min Scan# 3131

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :

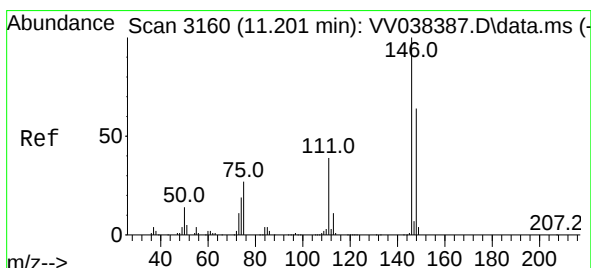
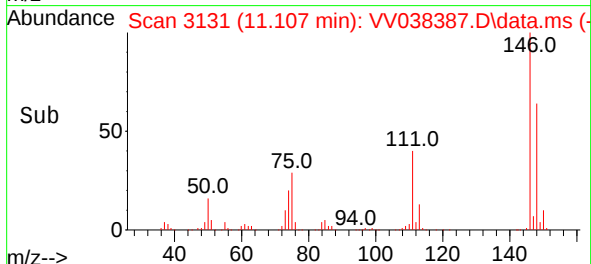
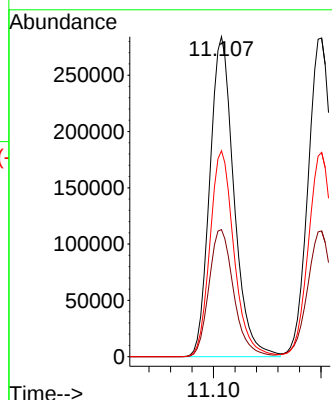
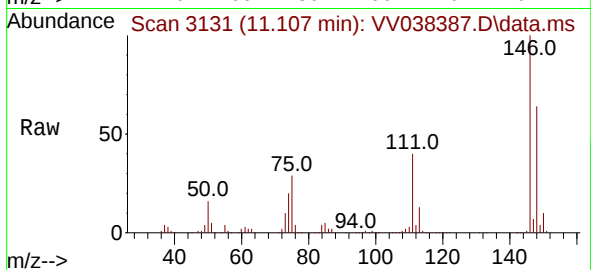
Tgt Ion:146 Resp: 443559

Ion Ratio Lower Upper

146 100

111 39.7 27.8 51.6

148 64.4 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 46.867 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

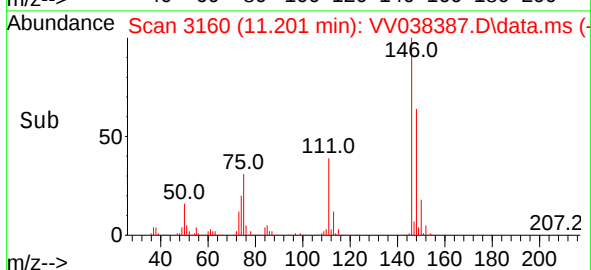
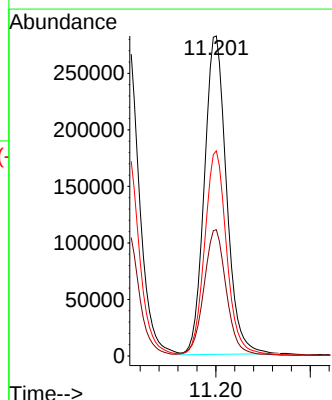
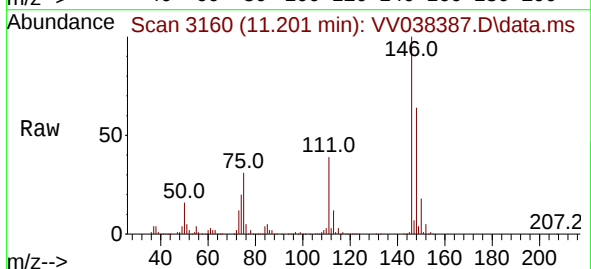
Tgt Ion:146 Resp: 458543

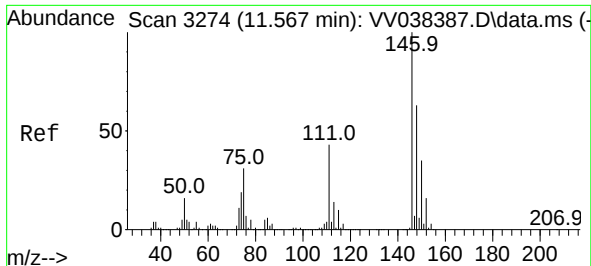
Ion Ratio Lower Upper

146 100

111 39.5 27.6 51.4

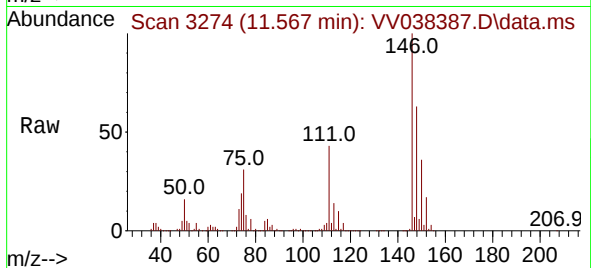
148 64.1 44.9 83.3



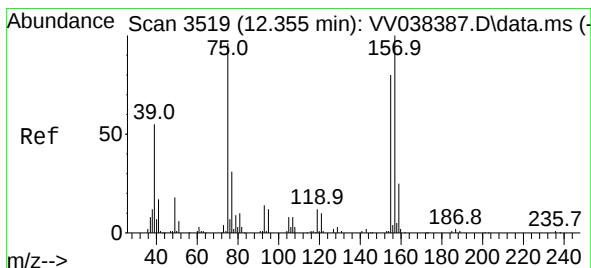
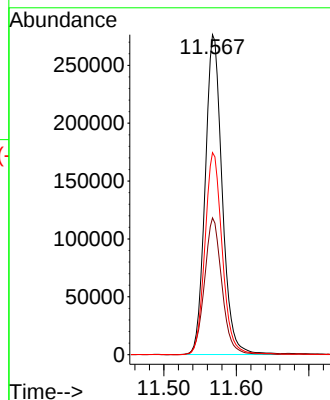
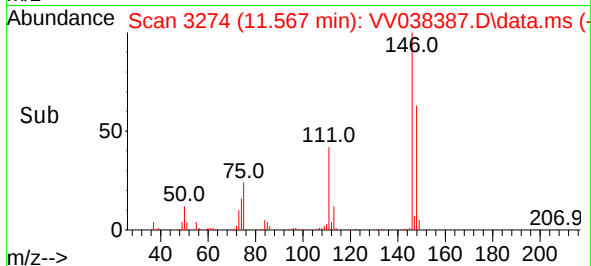


#67
1,2-Dichlorobenzene
Concen: 47.914 ug/L
RT: 11.567 min Scan# 3274
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

Instrument :
MSVOA_V
ClientSampleId :

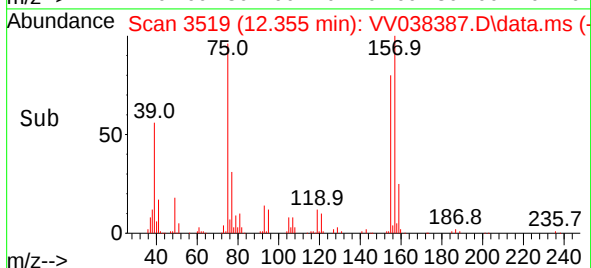
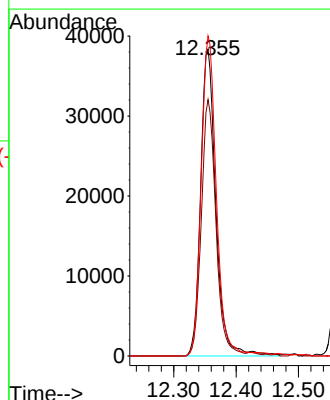
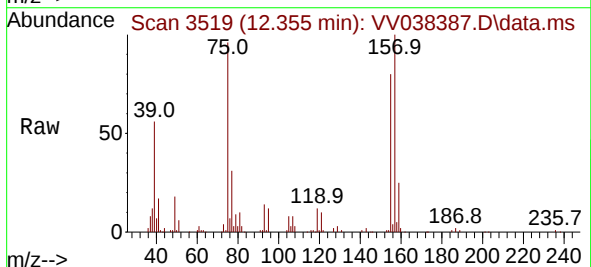


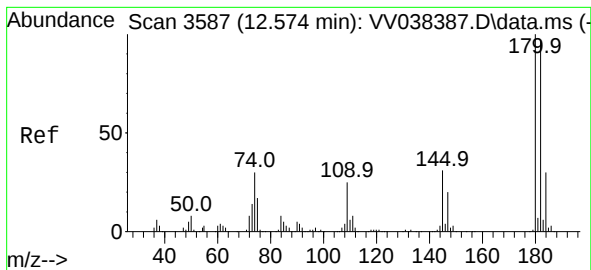
Tgt Ion:146 Resp: 449570
Ion Ratio Lower Upper
146 100
111 42.7 34.2 51.2
148 63.1 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 48.476 ug/L
RT: 12.355 min Scan# 3519
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

Tgt Ion: 75 Resp: 65215
Ion Ratio Lower Upper
75 100
155 83.5 66.8 100.2
157 104.3 83.4 125.2





#69

1,3,5-Trichlorobenzene

Concen: 47.032 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

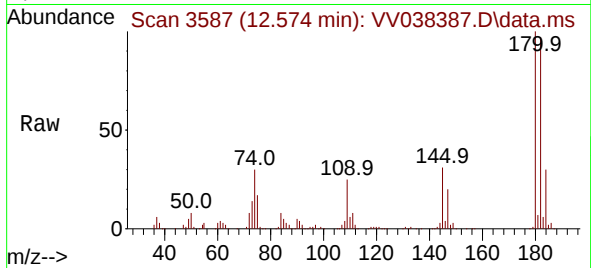
Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 295239

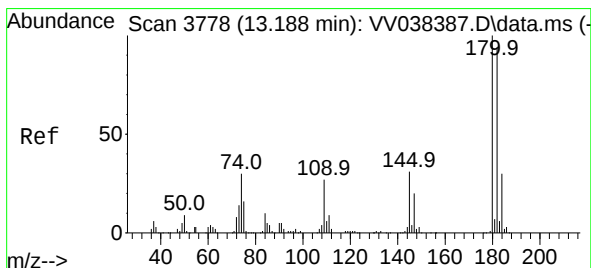
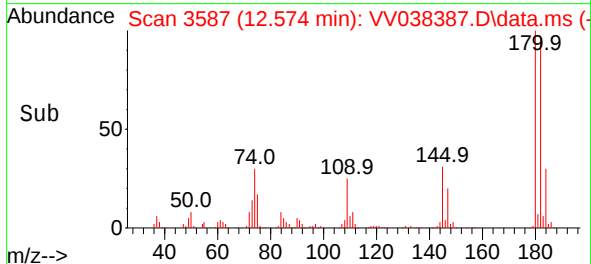
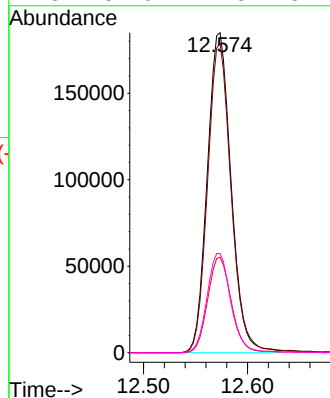
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

184 29.7 23.8 35.6

145 31.0 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 47.480 ug/L

RT: 13.188 min Scan# 3778

Delta R.T. 0.000 min

Lab File: VV038387.D

Acq: 02 Dec 2024 12:36

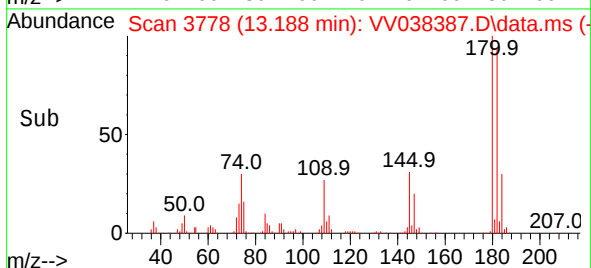
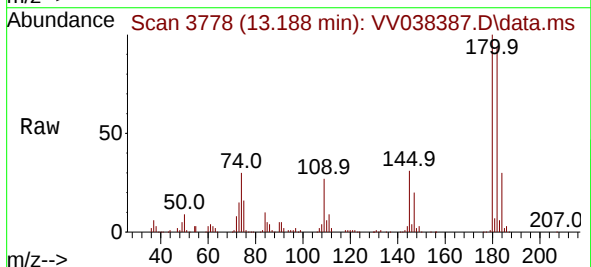
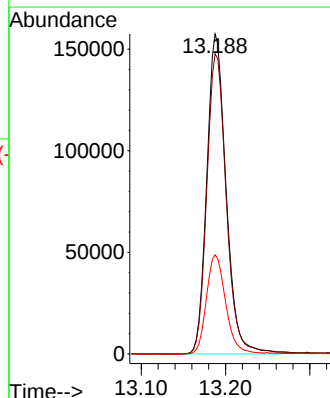
Tgt Ion:180 Resp: 251101

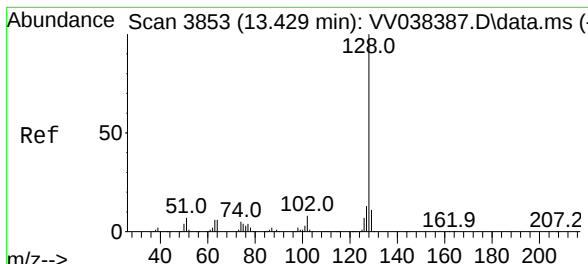
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 30.9 24.7 37.1

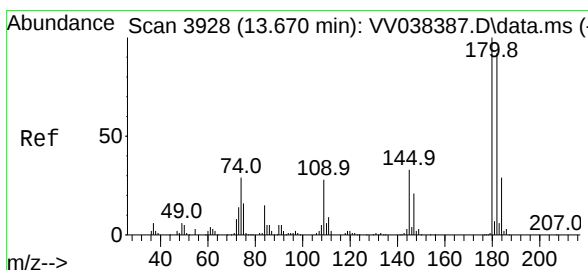
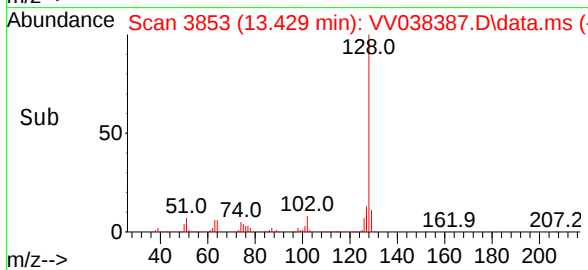
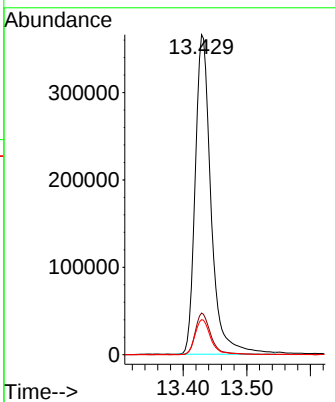
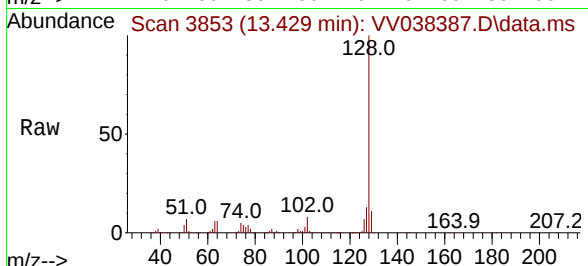




#71
Naphthalene
Concen: 45.253 ug/L
RT: 13.429 min Scan# 3853
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	632847
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	10.7	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 48.513 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. 0.000 min
Lab File: VV038387.D
Acq: 02 Dec 2024 12:36

Tgt Ion:	180	Resp:	251712
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.8	113.6
145	33.9	27.1	40.7

