

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111224\
 Data File : VV038016.D
 Acq On : 12 Nov 2024 12:49
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:00:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 23:59:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	291667	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	290781	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	156349	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	126623	4.988	ug/L	0.00
7) Chloroethane-d5	1.529	69	103184	4.986	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	54185	4.871	ug/L	0.00
20) 2-Butanone-d5	3.812	46	312096	56.358	ug/L	0.00
24) Chloroform-d	4.240	84	243322	5.085	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	119989	5.279	ug/L	0.00
32) Benzene-d6	4.950	84	480275	5.346	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	138959	4.782	ug/L	0.00
41) Toluene-d8	7.233	98	444767	5.413	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	59447	5.484	ug/L	0.00
46) 2-Hexanone-d5	8.018	63	283432	57.605	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	125195	5.377	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	167338	5.147	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	157660	4.958	ug/L	100
3) Chloromethane	1.211	50	145258	4.924	ug/L	100
5) Vinyl chloride	1.278	62	147715	4.988	ug/L	100
6) Bromomethane	1.484	94	92237	4.892	ug/L	100
8) Chloroethane	1.545	64	89270	4.975	ug/L	100
9) Trichlorofluoromethane	1.709	101	204645	5.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	119482	5.056	ug/L	100
12) 1,1-Dichloroethene	2.063	96	108786	4.906	ug/L	100
13) Acetone	2.150	43	193995	46.649	ug/L	100
14) Carbon disulfide	2.233	76	364177	5.010	ug/L	100
15) Methyl Acetate	2.388	43	45830	5.380	ug/L	100
16) Methylene chloride	2.439	84	128752	4.903	ug/L	100
17) Methyl tert-butyl Ether	2.696	73	275859	5.106	ug/L	100
18) trans-1,2-Dichloroethene	2.687	96	120862	5.037	ug/L	100
19) 1,1-Dichloroethane	3.105	63	217929	5.056	ug/L	100
21) 2-Butanone	3.892	43	279688	54.261	ug/L	100
22) cis-1,2-Dichloroethene	3.806	96	125821	4.990	ug/L	100
23) Bromochloromethane	4.140	128	60078	5.188	ug/L	100
25) Chloroform	4.269	83	229846	5.050	ug/L	100
27) 1,2-Dichloroethane	5.037	62	130300	5.091	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	196782	5.013	ug/L	100
30) Cyclohexane	4.571	56	176874	5.089	ug/L	100
31) Carbon tetrachloride	4.722	117	175883	5.145	ug/L	100
33) Benzene	5.002	78	480342	5.194	ug/L	100
34) Trichloroethene	5.825	95	128759	5.093	ug/L	100
35) Methylcyclohexane	6.040	83	193125	5.059	ug/L	100
37) 1,2-Dichloropropane	6.085	63	116673	5.100	ug/L	100
38) Bromodichloromethane	6.426	83	155202	5.106	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	178458	5.232	ug/L	100
40) 4-Methyl-2-pentanone	7.150	43	692529	55.672	ug/L	100
42) Toluene	7.307	91	514883	5.329	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	151111	5.310	ug/L	100

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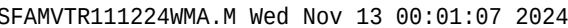
Quant Time: Nov 13 00:00:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 23:59:24 2024
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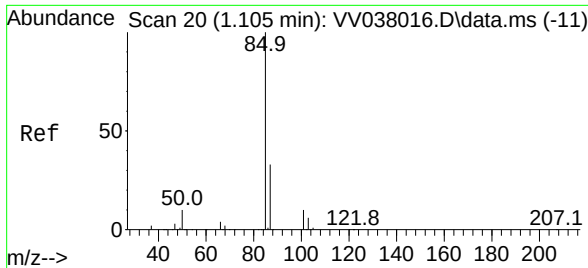
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.764	97	95013	5.177	ug/L	100
47) Tetrachloroethene	7.899	164	101262	5.105	ug/L	100
48) 2-Hexanone	8.069	43	499500	58.459	ug/L	100
49) Dibromochloromethane	8.169	129	101534	5.132	ug/L	100
50) 1,2-Dibromoethane	8.278	107	91873	5.273	ug/L	100
51) Chlorobenzene	8.805	112	336422	5.111	ug/L	100
52) Ethylbenzene	8.940	91	548111	5.223	ug/L	100
53) m,p-Xylene	9.066	106	212250	5.365	ug/L	100
54) o-Xylene	9.471	106	202478	5.288	ug/L	100
55) Styrene	9.490	104	360204	5.400	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	116713	5.328	ug/L	100
59) Bromoform	9.657	173	49741	4.839	ug/L	100
60) Isopropylbenzene	9.860	105	544081	5.217	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	77849	5.097	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	427801	5.121	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	440122	5.259	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	275395	5.119	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	276754	5.000	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	257859	5.126	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	17816	5.145	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	192614	4.868	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	174420	4.964	ug/L	100
71) Naphthalene	13.432	128	311066	4.864	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	167417	5.049	ug/L	100

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

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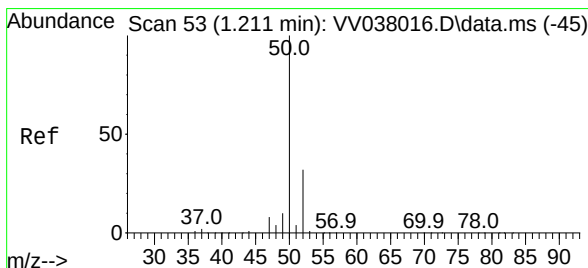
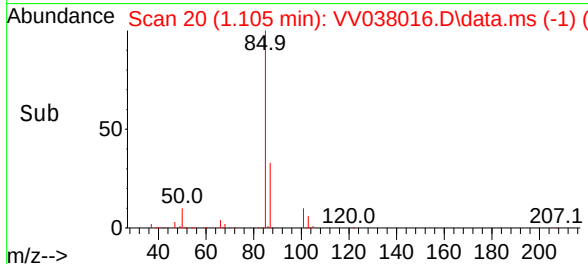
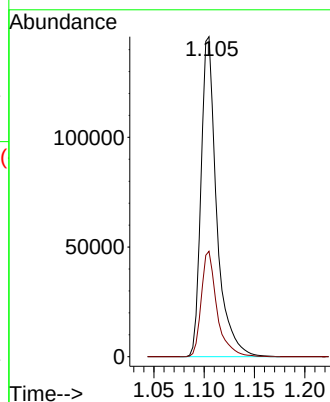
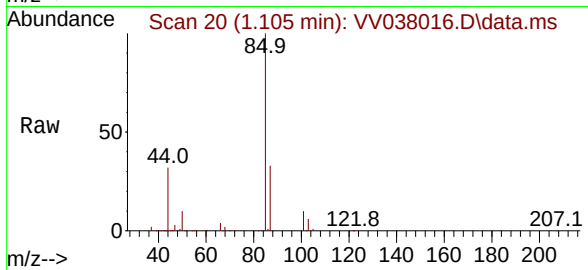




#2
 Dichlorodifluoromethane
 Concen: 4.958 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038016.D
 Acq: 12 Nov 2024 12:49

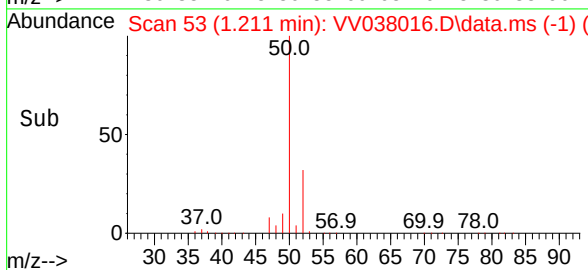
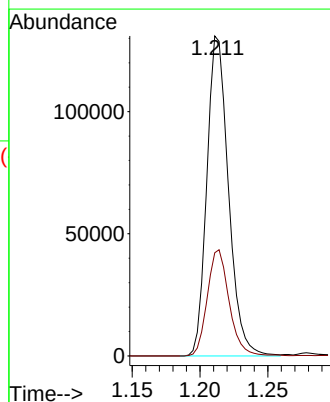
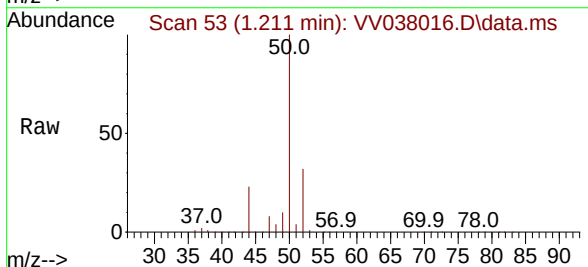
Instrument :
 MSVOA_V
 ClientSampleId :

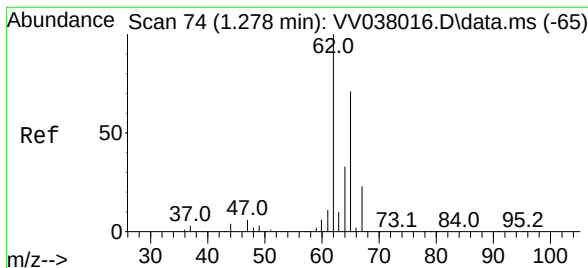
Tgt Ion: 85 Resp: 157660
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.4 39.6



#3
 Chloromethane
 Concen: 4.924 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV038016.D
 Acq: 12 Nov 2024 12:49

Tgt Ion: 50 Resp: 145258
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.6 42.0

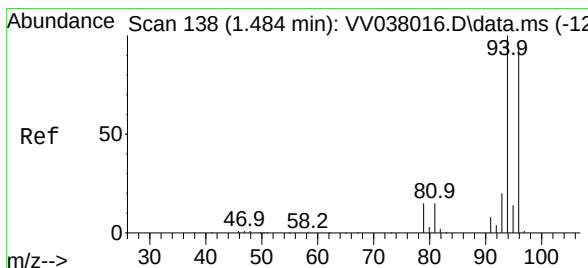
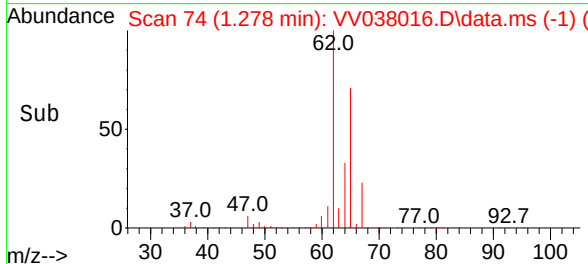
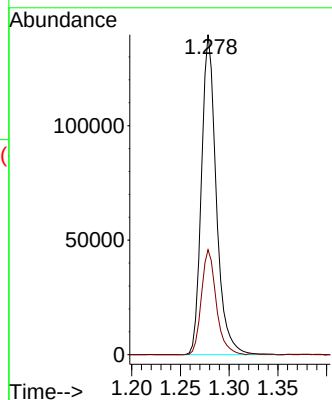
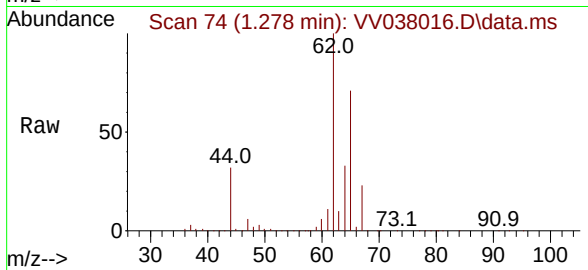




#5
 Vinyl chloride
 Concen: 4.988 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038016.D
 Acq: 12 Nov 2024 12:49

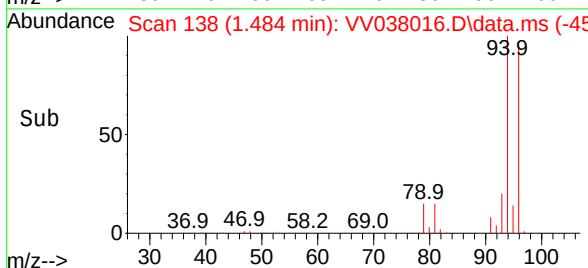
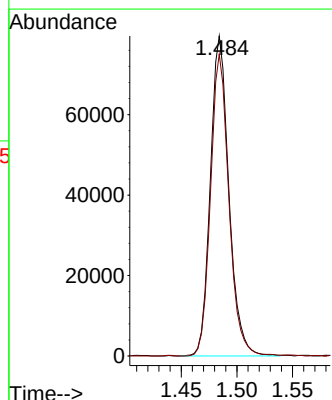
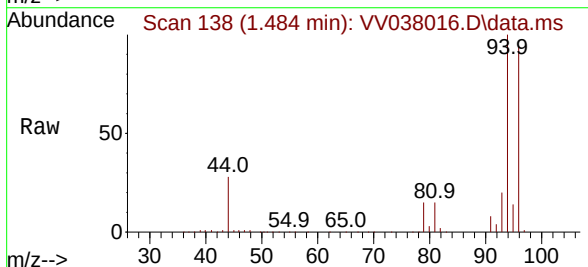
Instrument :
 MSVOA_V
 ClientSampleId :

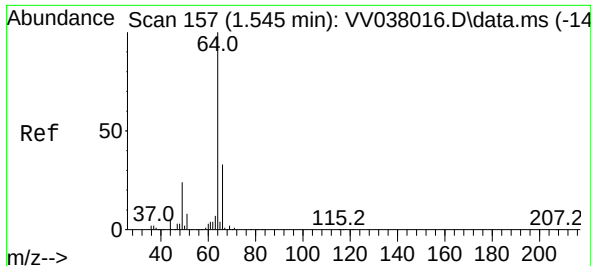
Tgt Ion: 62 Resp: 147715
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.0 42.6



#6
 Bromomethane
 Concen: 4.892 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038016.D
 Acq: 12 Nov 2024 12:49

Tgt Ion: 94 Resp: 92237
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.0 122.6

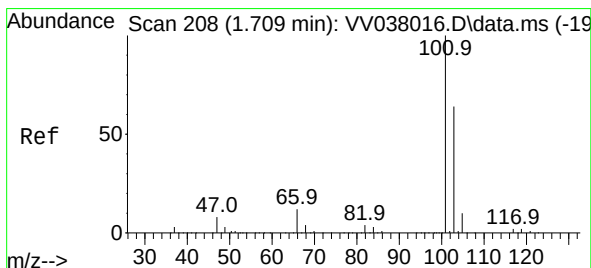
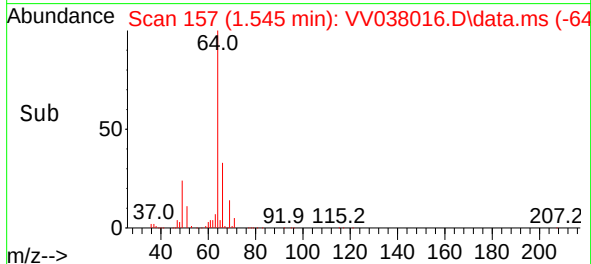
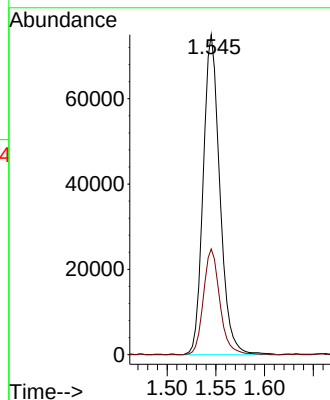
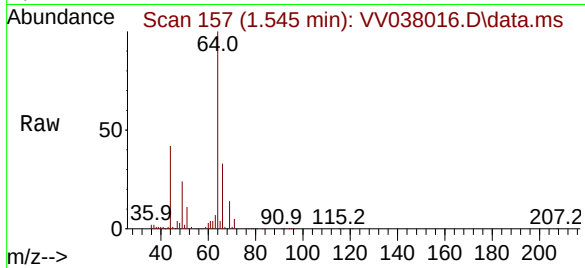




#8
Chloroethane
Concen: 4.975 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

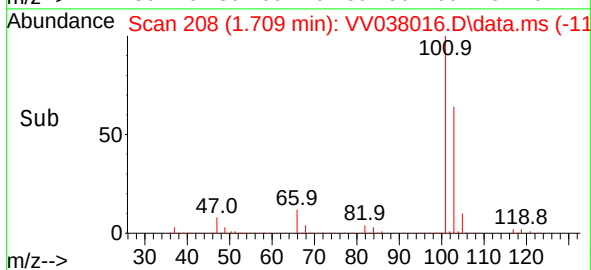
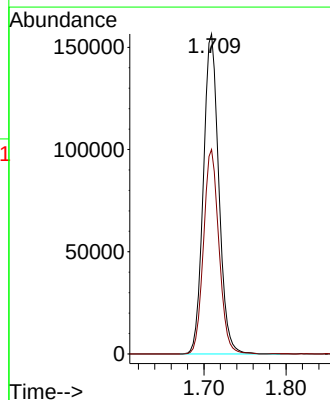
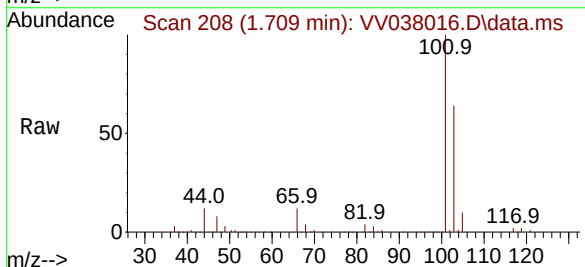
Instrument :
MSVOA_V
ClientSampleId :

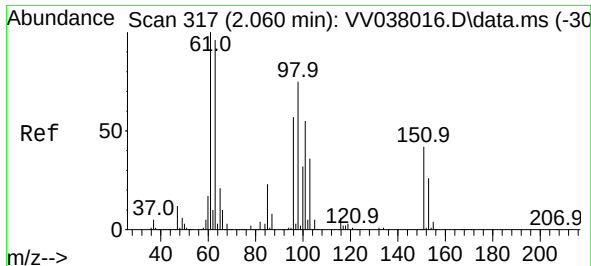
Tgt Ion: 64 Resp: 89270
Ion Ratio Lower Upper
64 100
66 33.0 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.000 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

Tgt Ion:101 Resp: 204645
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3





#10

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

Concen: 5.056 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

ClientSampleId :

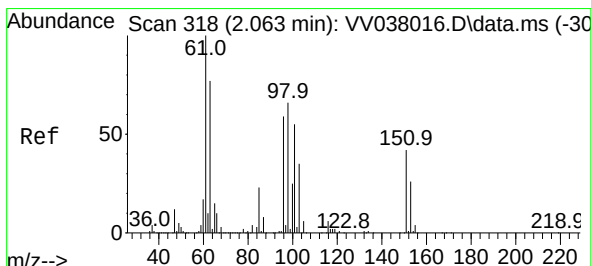
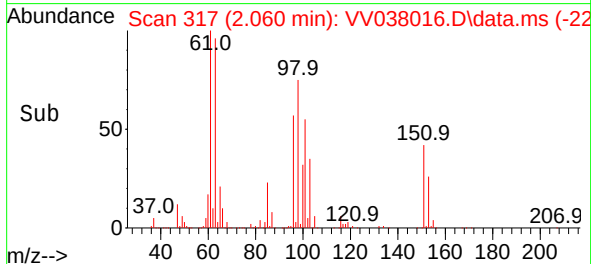
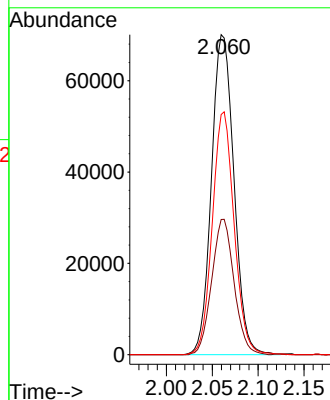
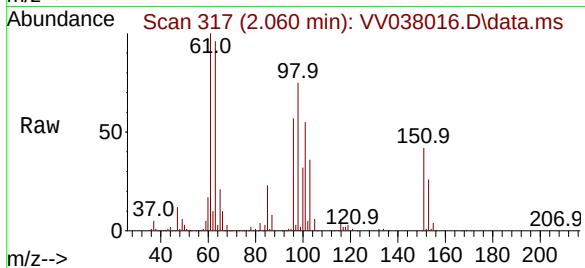
Tgt Ion:101 Resp: 119482

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

151 73.8 59.0 88.6



#12

1,1-Dichloroethene

Concen: 4.906 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

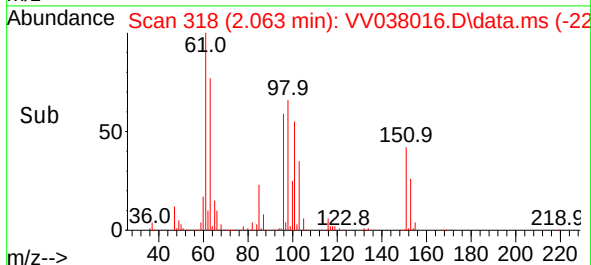
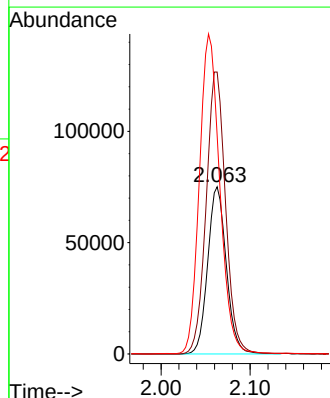
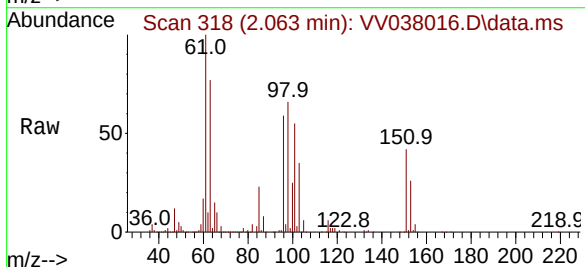
Tgt Ion: 96 Resp: 108786

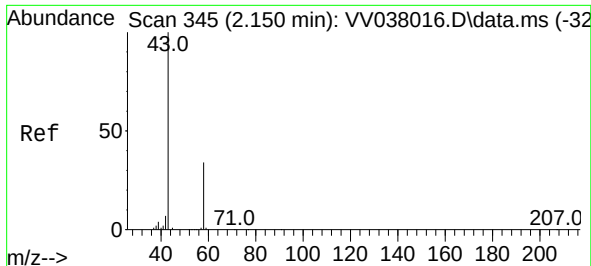
Ion Ratio Lower Upper

96 100

61 168.7 118.1 219.3

63 130.6 91.4 169.8





#13

Acetone

Concen: 46.649 ug/L

RT: 2.150 min Scan# 345

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

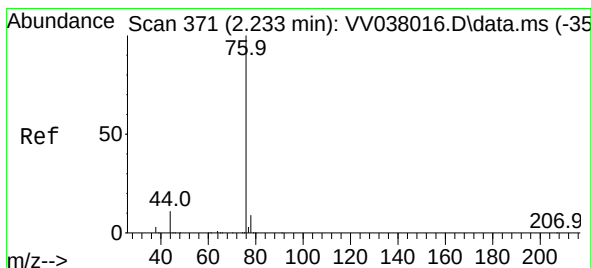
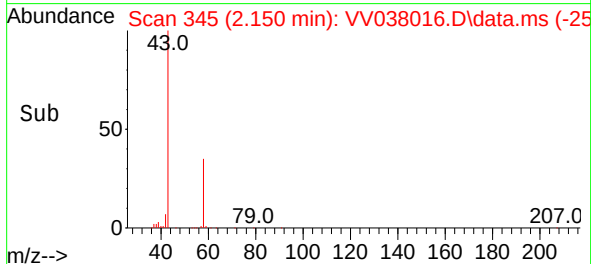
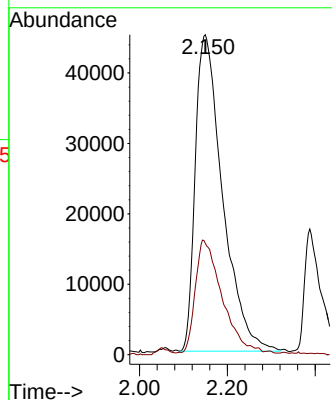
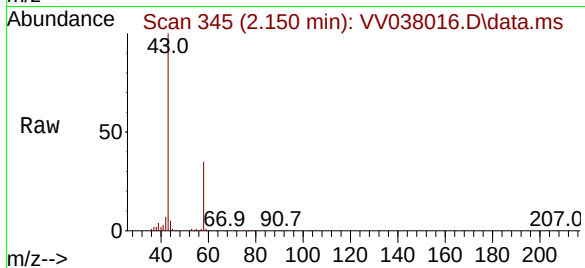
ClientSampleId :

Tgt Ion: 43 Resp: 193995

Ion Ratio Lower Upper

43 100

58 35.0 0.0 70.0



#14

Carbon disulfide

Concen: 5.010 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV038016.D

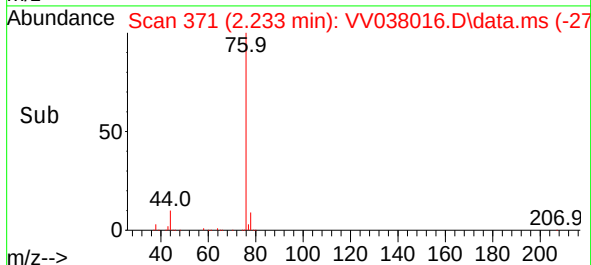
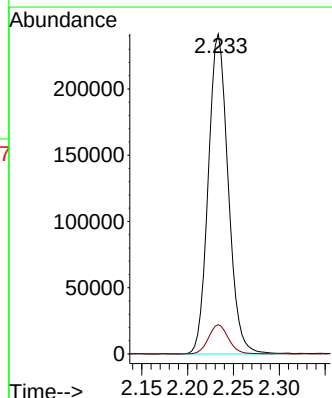
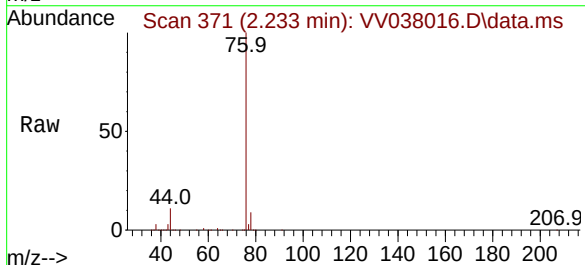
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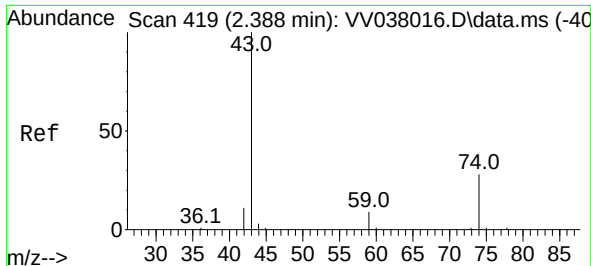
Tgt Ion: 76 Resp: 364177

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 5.380 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.000 min

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Instrument :

MSVOA_V

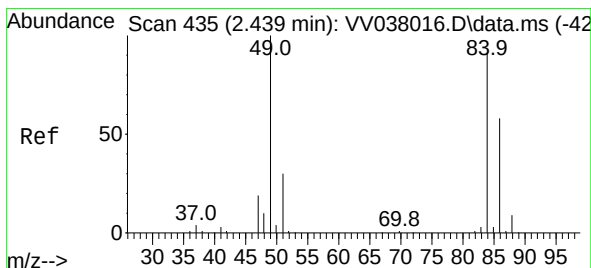
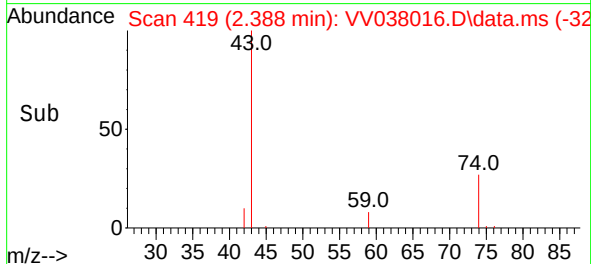
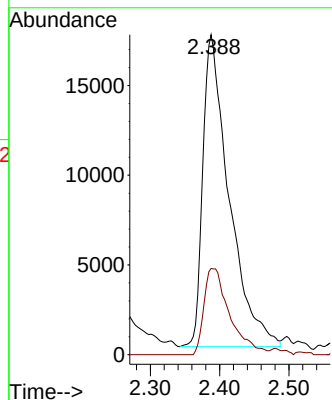
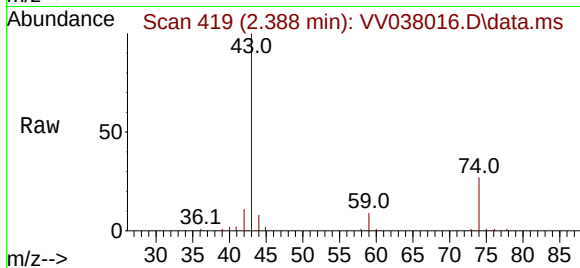
ClientSampleId :

Tgt Ion: 43 Resp: 45830

Ion Ratio Lower Upper

43 100

74 27.1 21.7 32.5



#16

Methylene chloride

Concen: 4.903 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

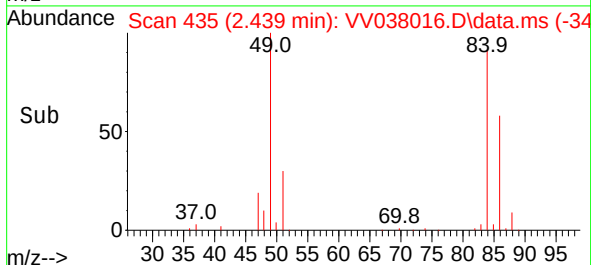
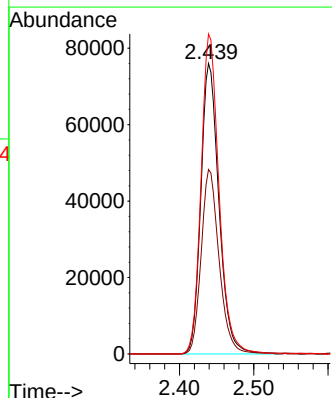
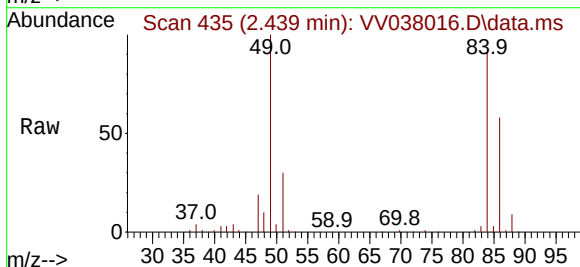
Tgt Ion: 84 Resp: 128752

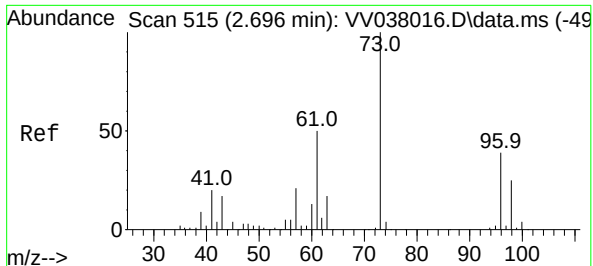
Ion Ratio Lower Upper

84 100

86 63.5 44.4 82.5

49 110.2 77.1 143.3





#17

Methyl tert-butyl Ether

Concen: 5.106 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

ClientSampleId :

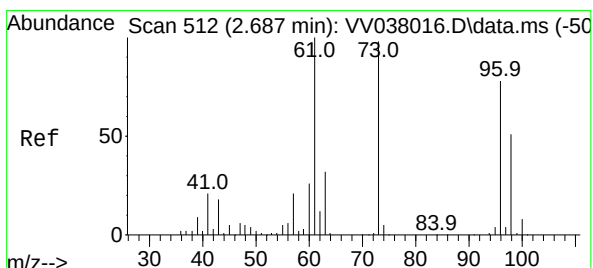
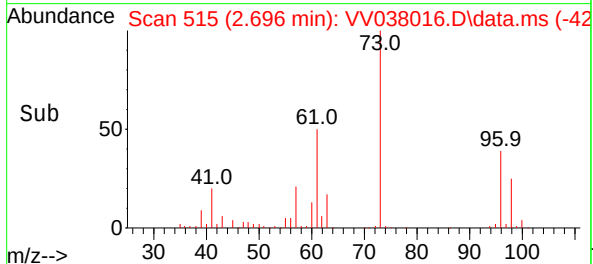
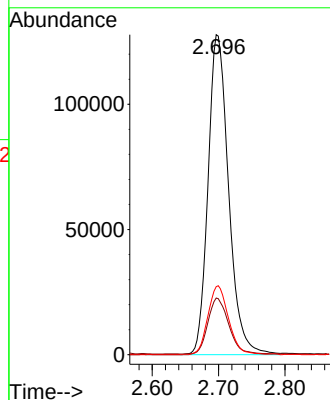
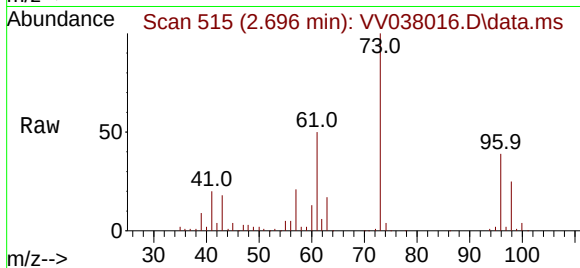
Tgt Ion: 73 Resp: 275859

Ion Ratio Lower Upper

73 100

43 17.6 14.1 21.1

57 21.5 17.2 25.8



#18

trans-1,2-Dichloroethene

Concen: 5.037 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

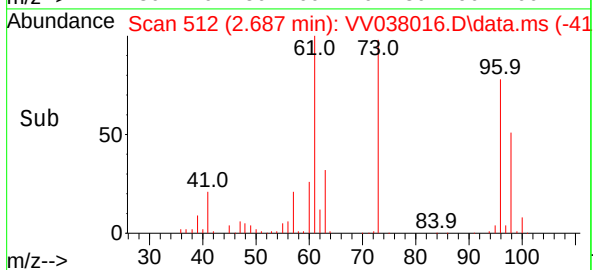
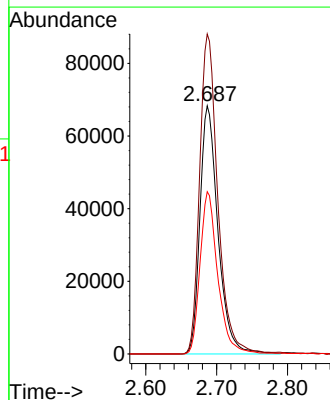
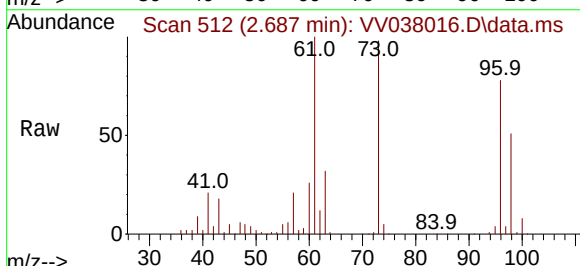
Tgt Ion: 96 Resp: 120862

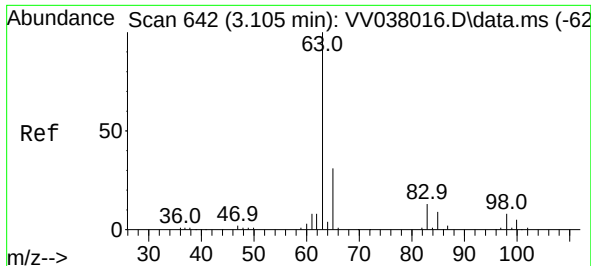
Ion Ratio Lower Upper

96 100

61 128.9 90.2 167.6

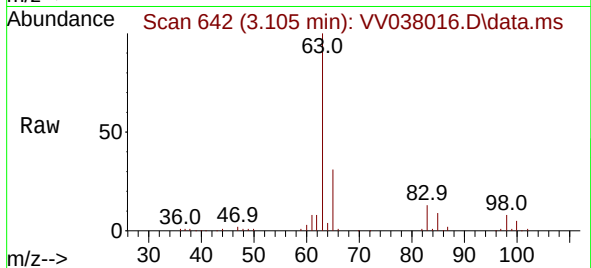
98 65.3 45.7 84.9



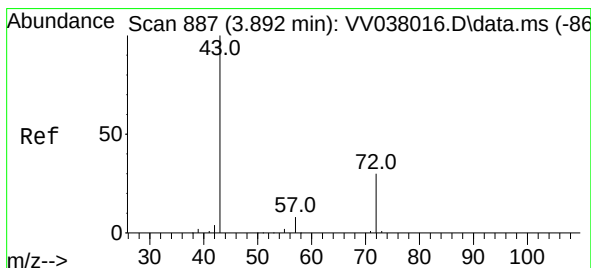
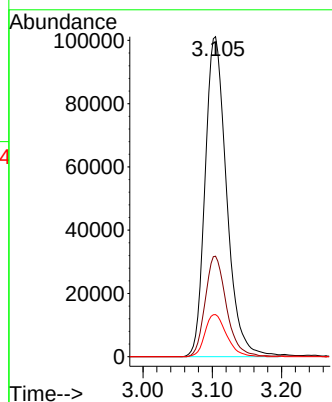
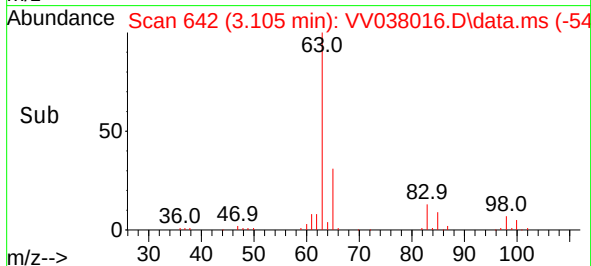


#19
1,1-Dichloroethane
Concen: 5.056 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

Instrument :
MSVOA_V
ClientSampleId :

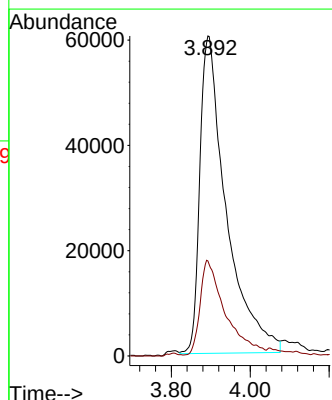
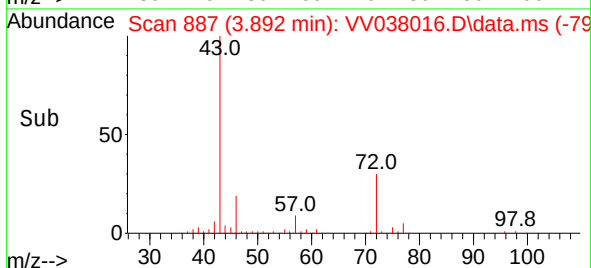
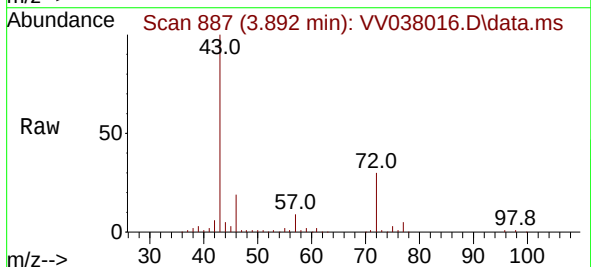


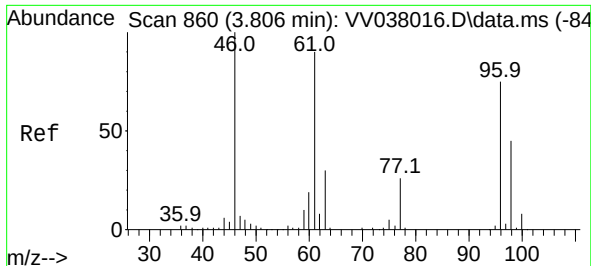
Tgt Ion: 63 Resp: 217929
Ion Ratio Lower Upper
63 100
65 31.4 22.0 40.8
83 13.2 9.2 17.2



#21
2-Butanone
Concen: 54.261 ug/L
RT: 3.892 min Scan# 887
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

Tgt Ion: 43 Resp: 279688
Ion Ratio Lower Upper
43 100
72 28.4 14.2 42.6





#22

cis-1,2-Dichloroethene

Concen: 4.990 ug/L

RT: 3.806 min Scan# 860

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

ClientSampleId :

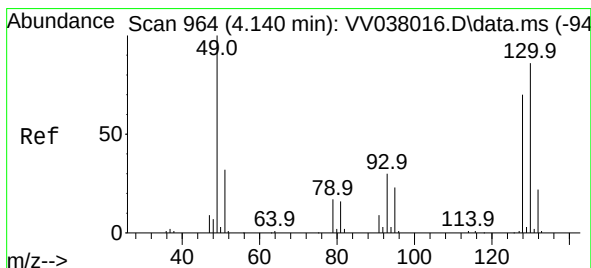
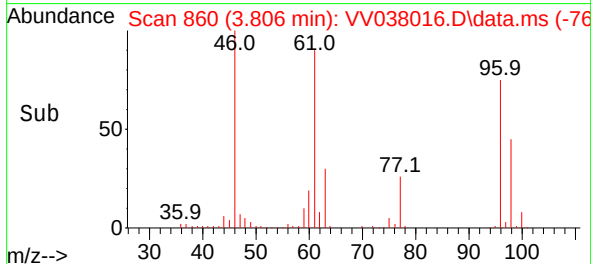
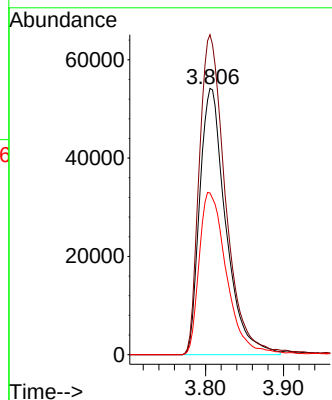
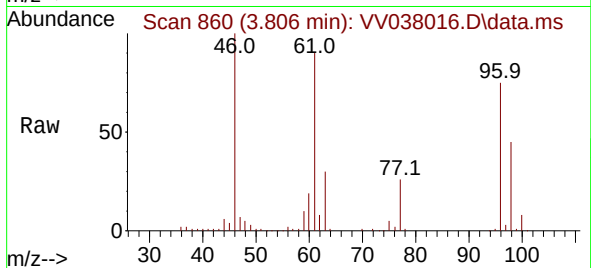
Tgt Ion: 96 Resp: 125821

Ion Ratio Lower Upper

96 100

61 120.2 84.1 156.3

98 60.8 42.6 79.0



#23

Bromochloromethane

Concen: 5.188 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Tgt Ion:128 Resp: 60078

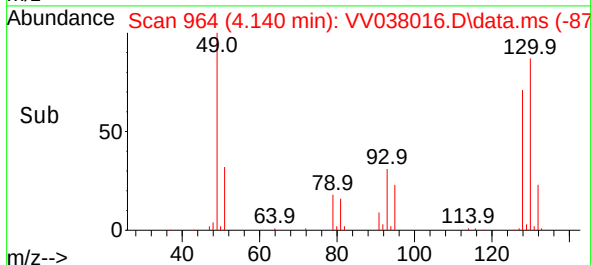
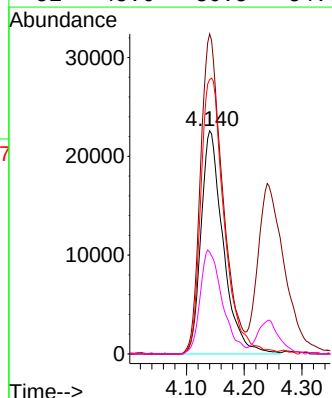
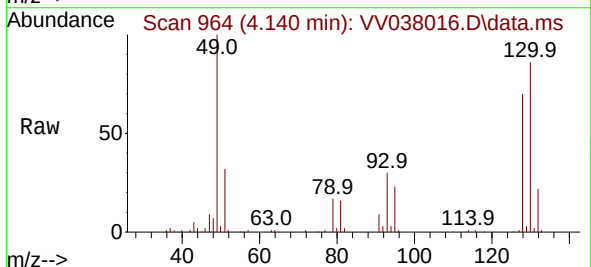
Ion Ratio Lower Upper

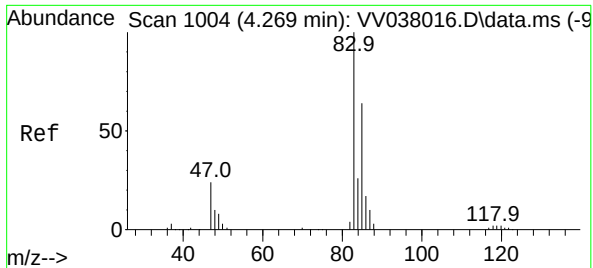
128 100

49 143.4 100.4 186.4

130 123.0 86.1 159.9

51 45.6 36.5 54.7





#25

Chloroform

Concen: 5.050 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

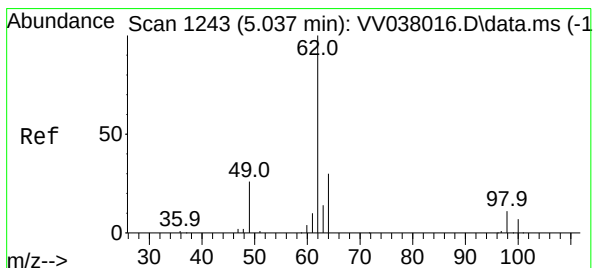
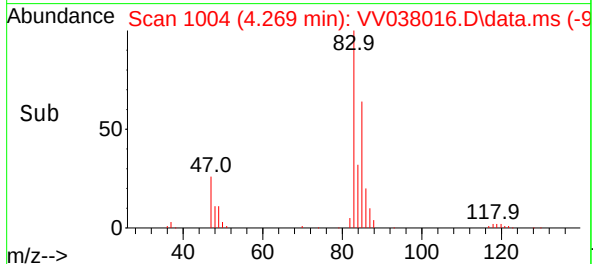
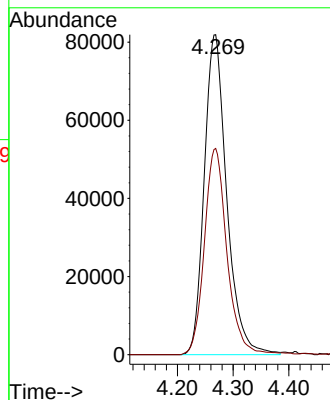
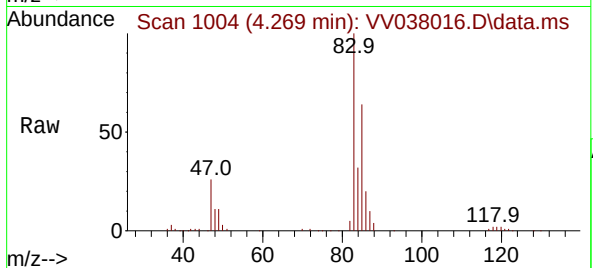
ClientSampleId :

Tgt Ion: 83 Resp: 229846

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.091 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV038016.D

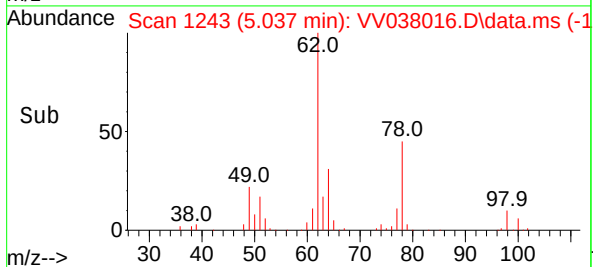
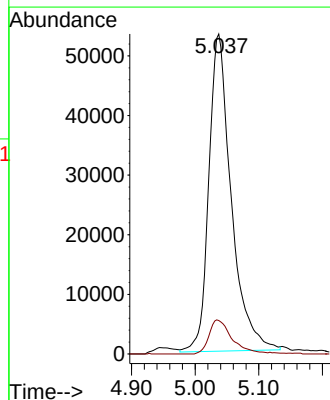
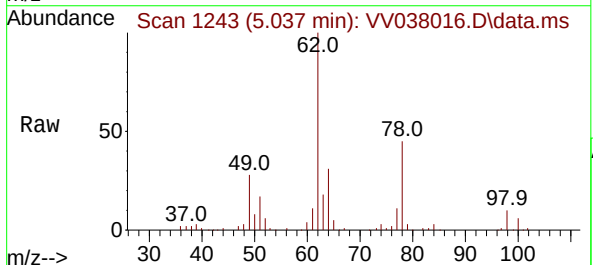
Acq: 12 Nov 2024 12:49

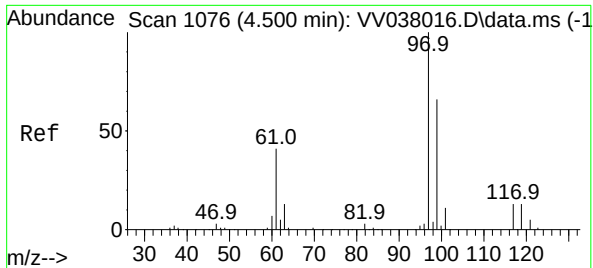
Tgt Ion: 62 Resp: 130300

Ion Ratio Lower Upper

62 100

98 10.4 8.3 12.5

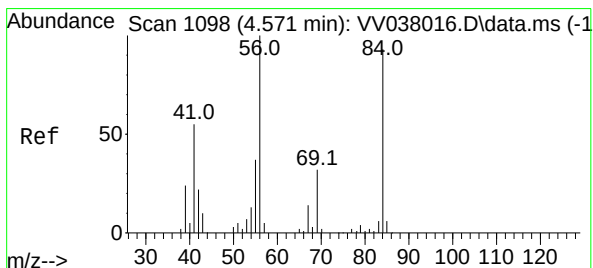
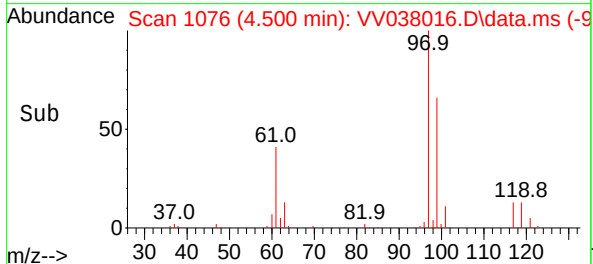
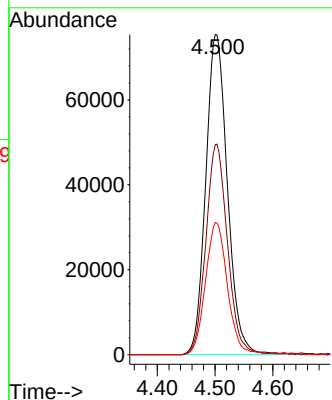
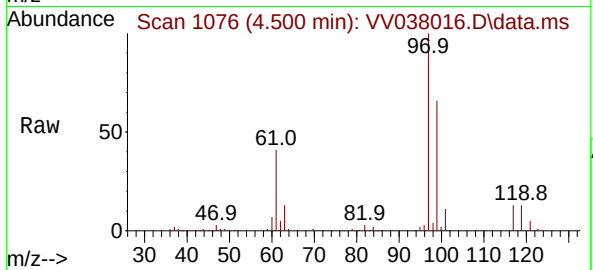




#29
1,1,1-Trichloroethane
Concen: 5.013 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

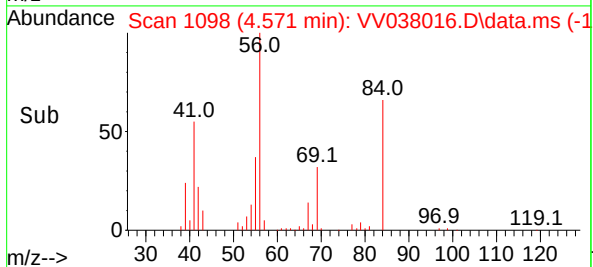
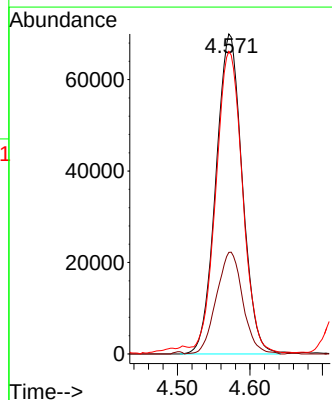
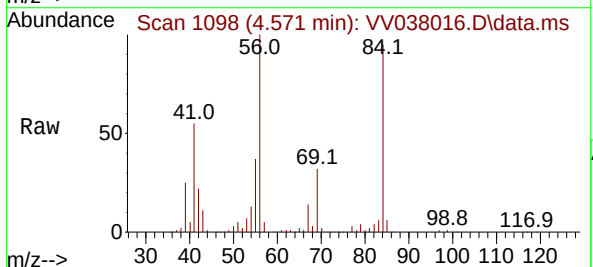
Instrument :
MSVOA_V
ClientSampleId :

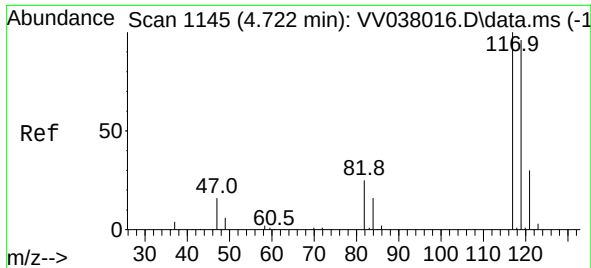
Tgt Ion: 97 Resp: 196782
Ion Ratio Lower Upper
97 100
99 65.4 52.3 78.5
61 42.0 33.6 50.4



#30
Cyclohexane
Concen: 5.089 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

Tgt Ion: 56 Resp: 176874
Ion Ratio Lower Upper
56 100
69 31.8 25.4 38.2
84 94.6 75.7 113.5

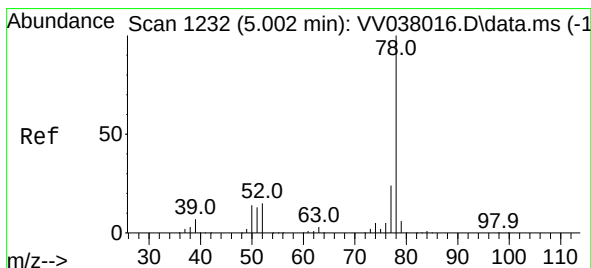
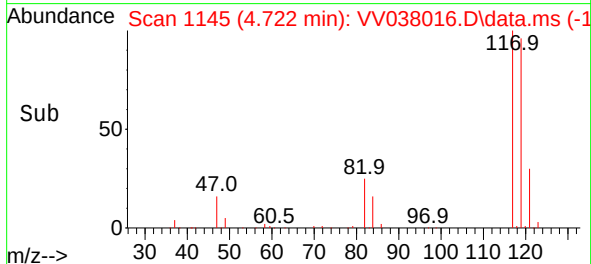
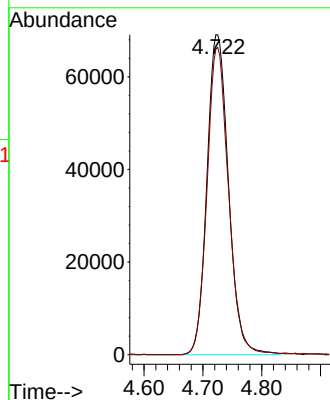
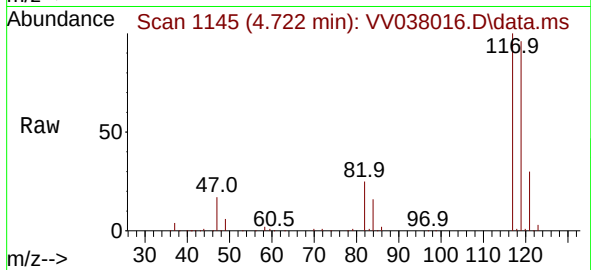




#31
Carbon tetrachloride
Concen: 5.145 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

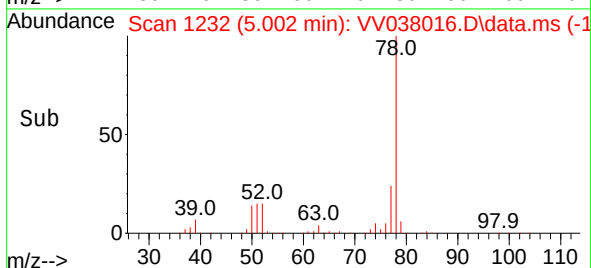
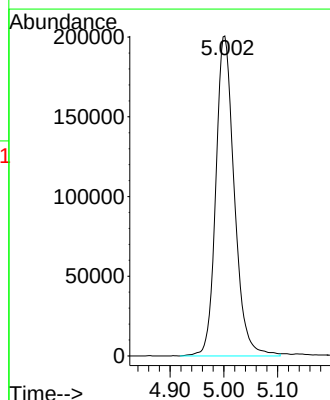
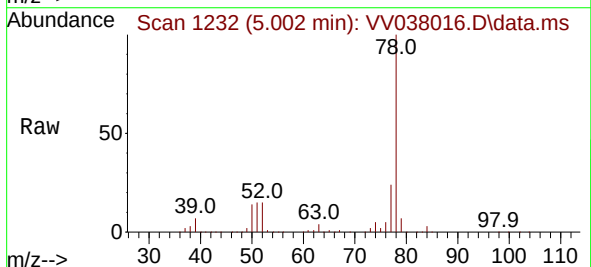
Instrument :
MSVOA_V
ClientSampleId :

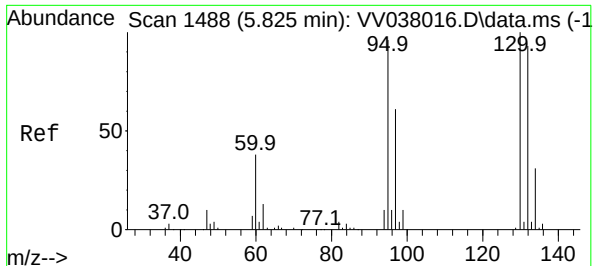
Tgt Ion:117 Resp: 175883
Ion Ratio Lower Upper
117 100
119 95.8 76.6 115.0



#33
Benzene
Concen: 5.194 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

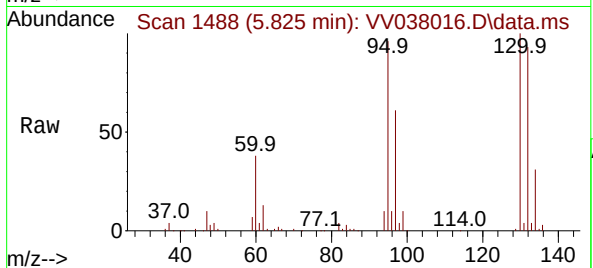
Tgt Ion: 78 Resp: 480342



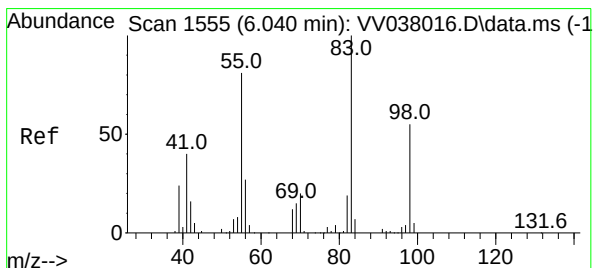
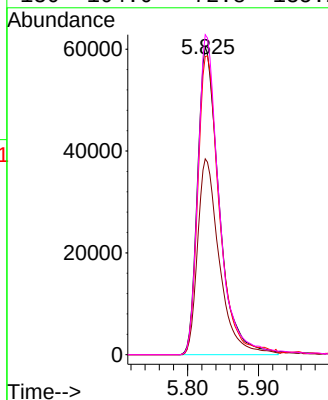
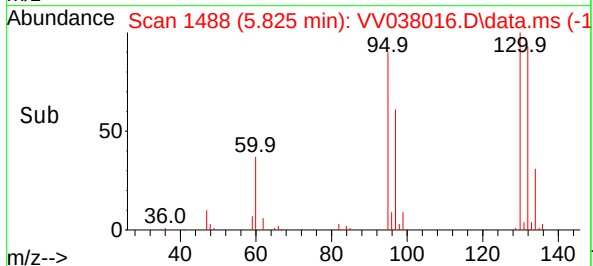


#34
Trichloroethene
Concen: 5.093 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

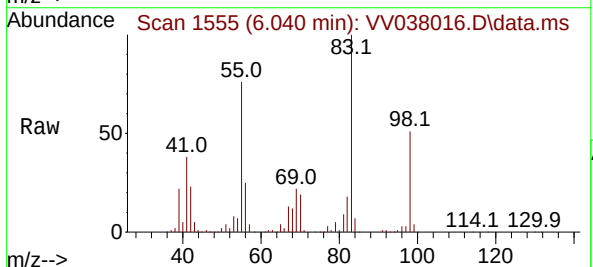
Instrument :
MSVOA_V
ClientSampleId :



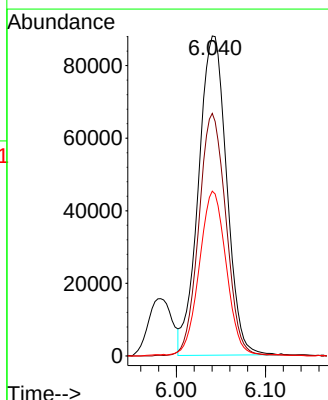
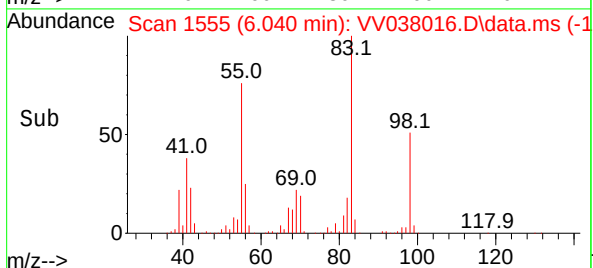
Tgt Ion: 95 Resp: 128759
Ion Ratio Lower Upper
95 100
97 63.6 44.5 82.7
132 97.0 67.9 126.1
130 104.0 72.8 135.2

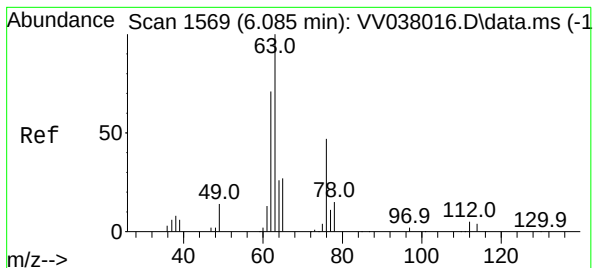


#35
Methylcyclohexane
Concen: 5.059 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49



Tgt Ion: 83 Resp: 193125
Ion Ratio Lower Upper
83 100
55 73.5 58.8 88.2
98 50.2 40.2 60.2





#37

1,2-Dichloropropane

Concen: 5.100 ug/L

RT: 6.085 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

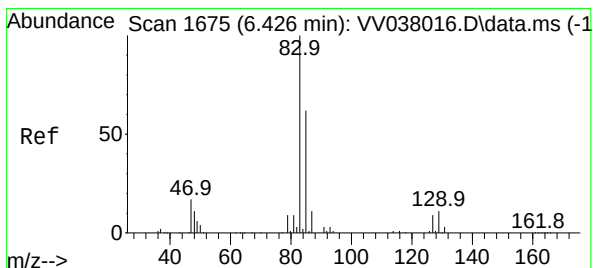
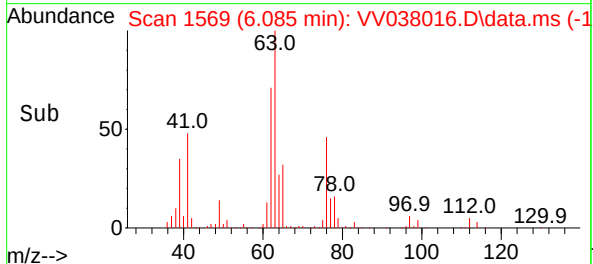
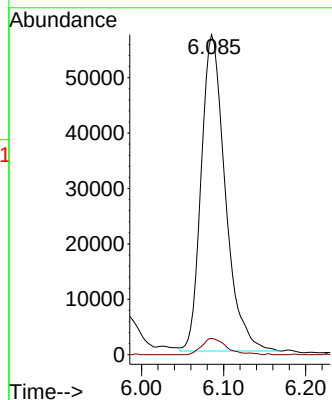
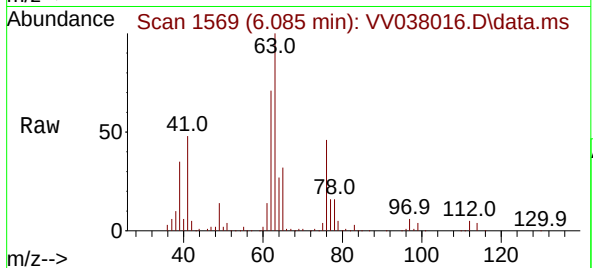
ClientSampleId :

Tgt Ion: 63 Resp: 116673

Ion Ratio Lower Upper

63 100

112 5.1 4.1 6.1



#38

Bromodichloromethane

Concen: 5.106 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

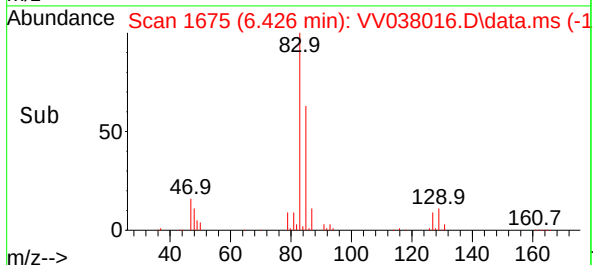
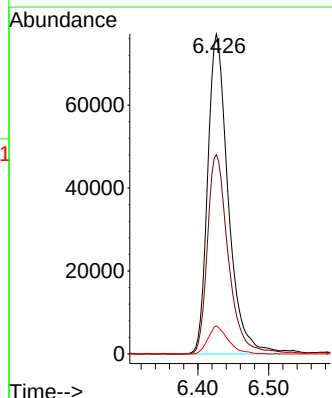
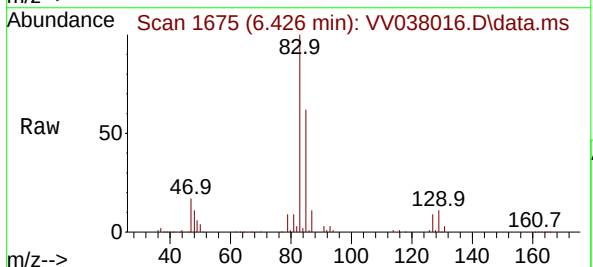
Tgt Ion: 83 Resp: 155202

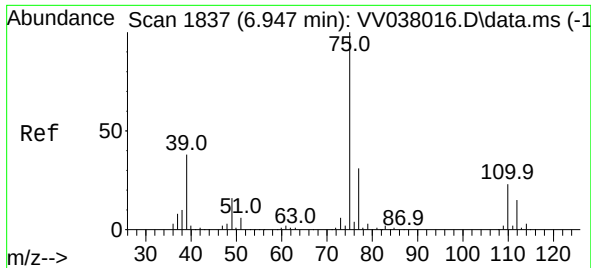
Ion Ratio Lower Upper

83 100

85 62.3 43.6 81.0

127 8.8 7.0 10.6

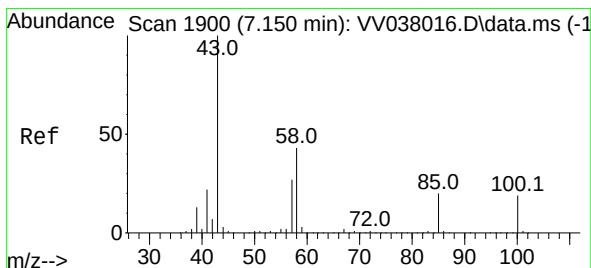
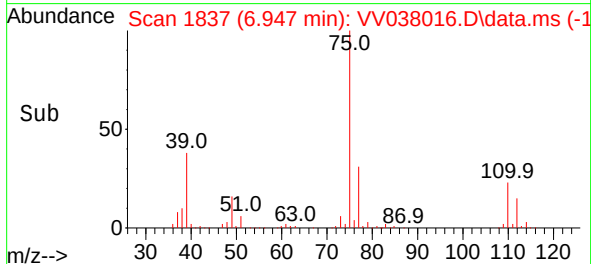
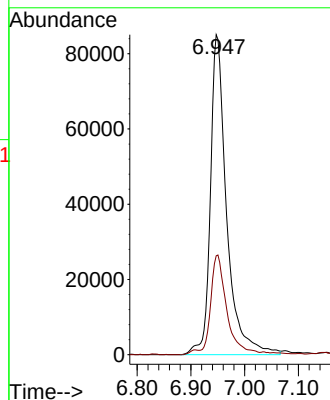
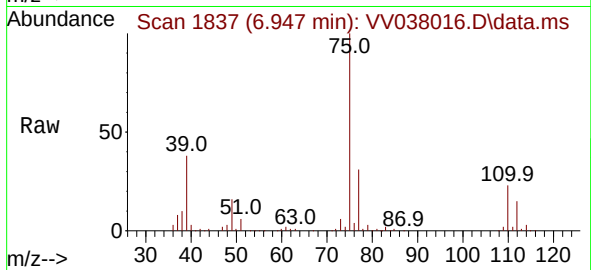




#39
 cis-1,3-Dichloropropene
 Concen: 5.232 ug/L
 RT: 6.947 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VV038016.D
 Acq: 12 Nov 2024 12:49

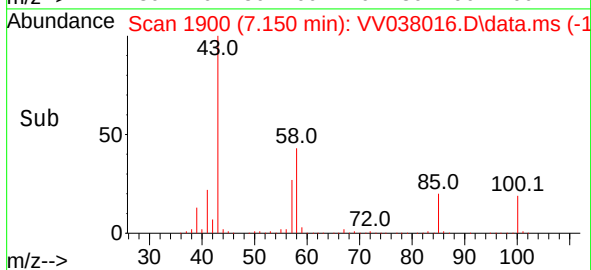
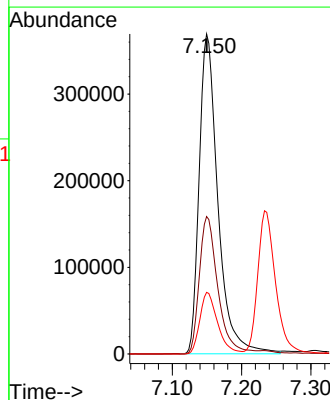
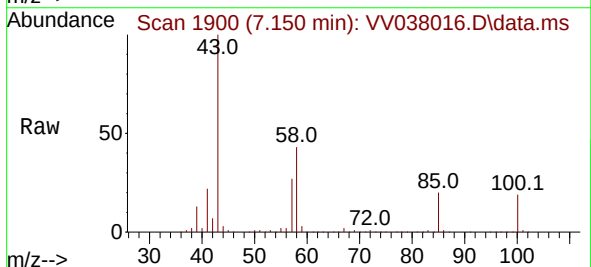
Instrument :
 MSVOA_V
 ClientSampleId :

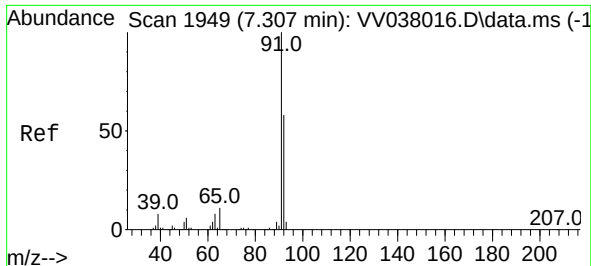
Tgt Ion: 75 Resp: 178458
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 55.672 ug/L
 RT: 7.150 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VV038016.D
 Acq: 12 Nov 2024 12:49

Tgt Ion: 43 Resp: 692529
 Ion Ratio Lower Upper
 43 100
 58 42.6 34.1 51.1
 100 18.4 14.7 22.1





#42

Toluene

Concen: 5.329 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

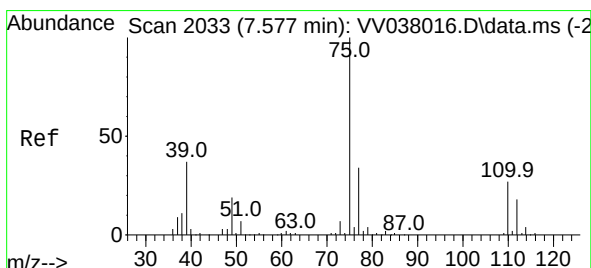
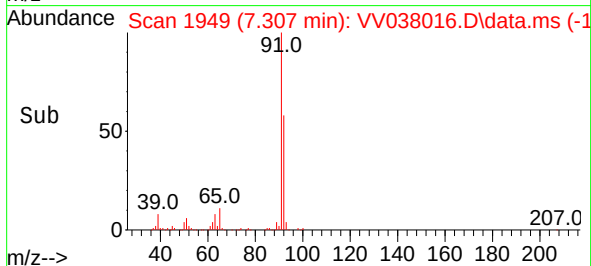
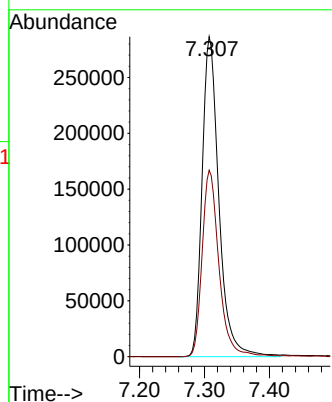
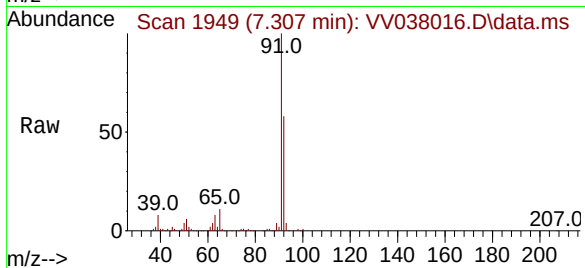
ClientSampleId :

Tgt Ion: 91 Resp: 514883

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.310 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038016.D

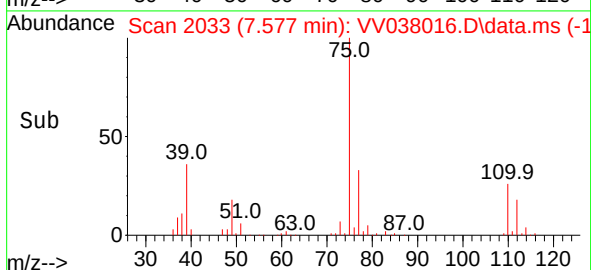
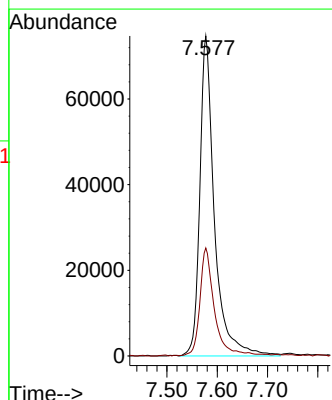
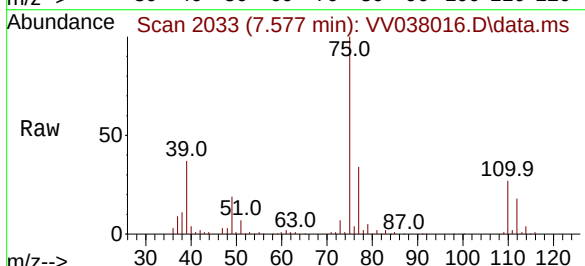
Acq: 12 Nov 2024 12:49

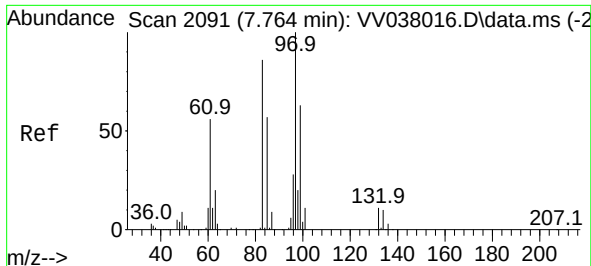
Tgt Ion: 75 Resp: 151111

Ion Ratio Lower Upper

75 100

77 33.7 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 5.177 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 95013

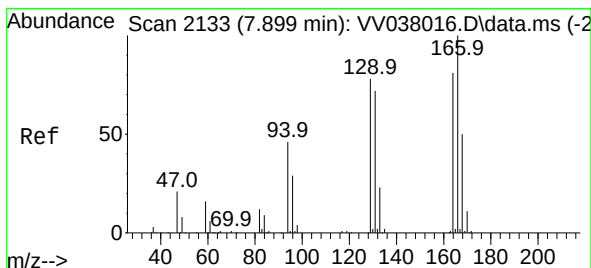
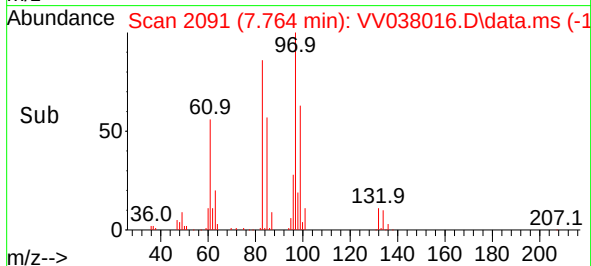
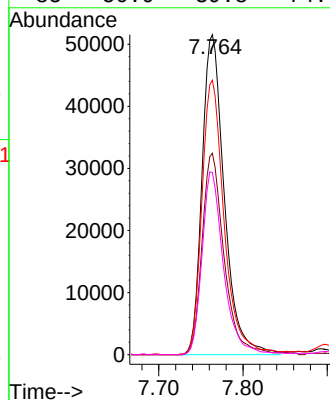
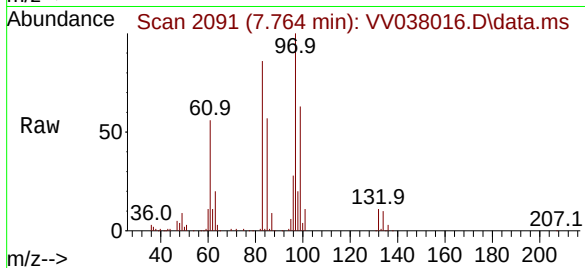
Ion Ratio Lower Upper

97 100

99 62.9 44.0 81.8

83 85.8 60.1 111.5

85 56.9 39.8 74.0



#47

Tetrachloroethene

Concen: 5.105 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Tgt Ion:164 Resp: 101262

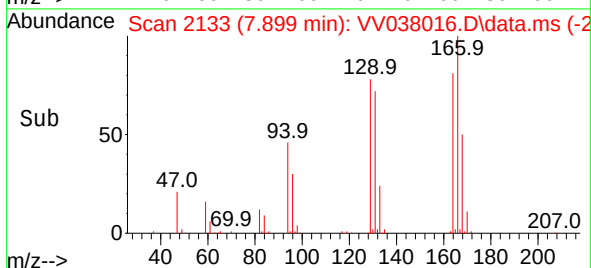
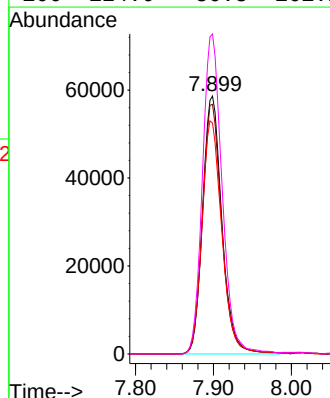
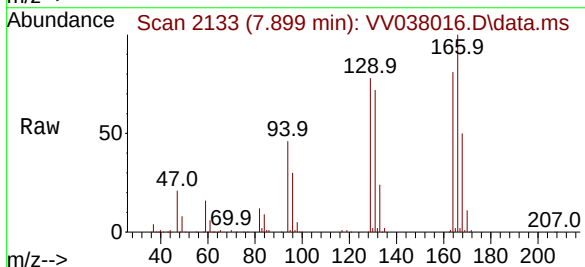
Ion Ratio Lower Upper

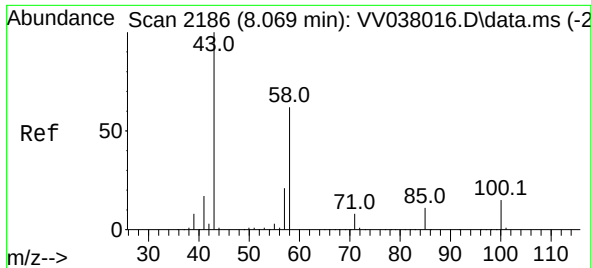
164 100

129 96.8 67.8 125.8

131 89.5 62.6 116.3

166 124.0 86.8 161.2

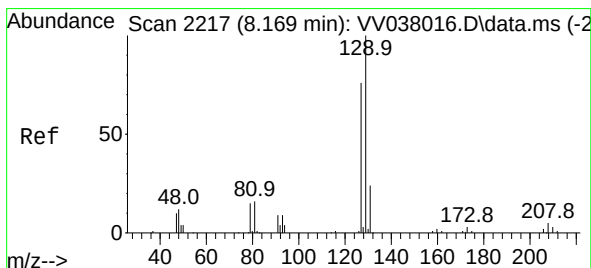
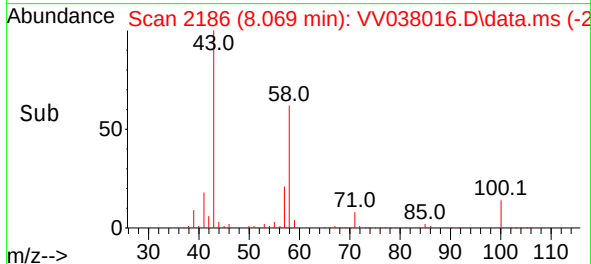
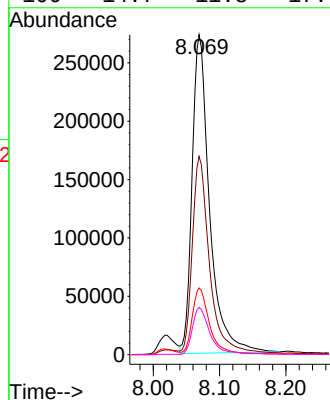
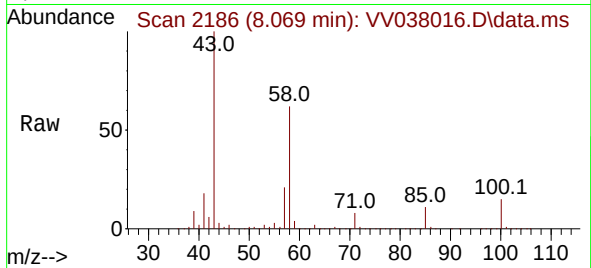




#48
2-Hexanone
Concen: 58.459 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

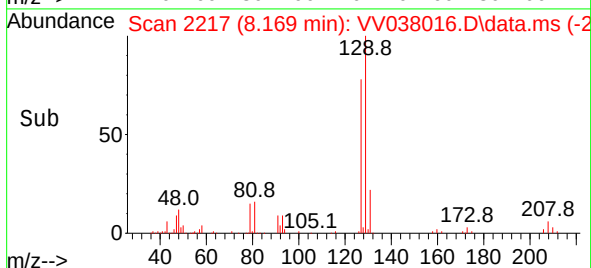
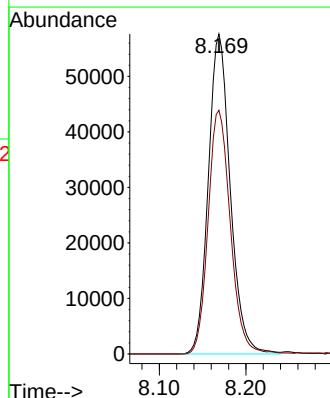
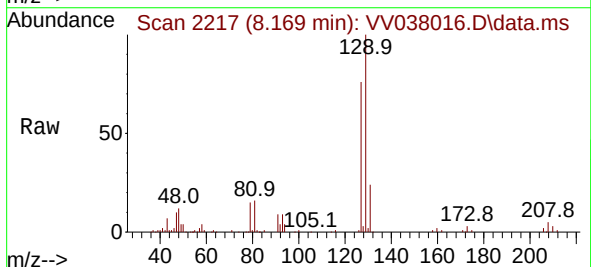
Instrument :
MSVOA_V
ClientSampleId :

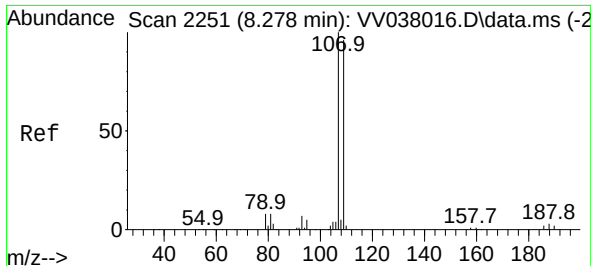
Tgt Ion:	43	Resp:	499500
Ion	Ratio	Lower	Upper
43	100		
58	61.1	48.9	73.3
57	20.7	16.6	24.8
100	14.7	11.8	17.6



#49
Dibromochloromethane
Concen: 5.132 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

Tgt Ion:	129	Resp:	101534
Ion	Ratio	Lower	Upper
129	100		
127	76.2	53.3	99.1

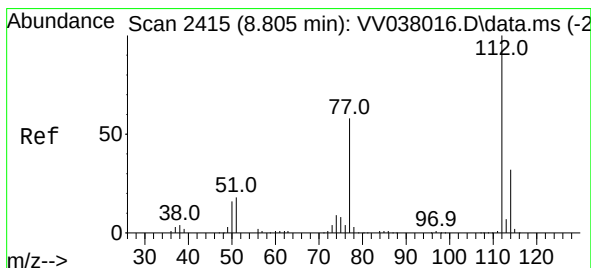
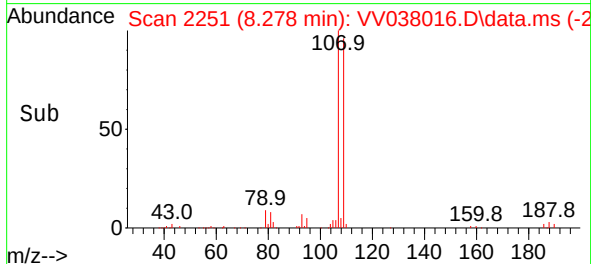
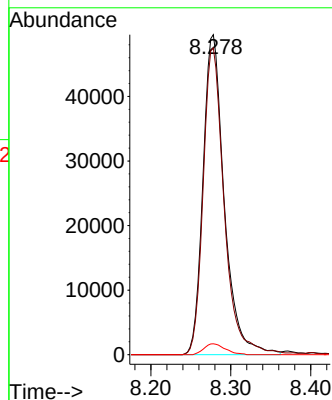
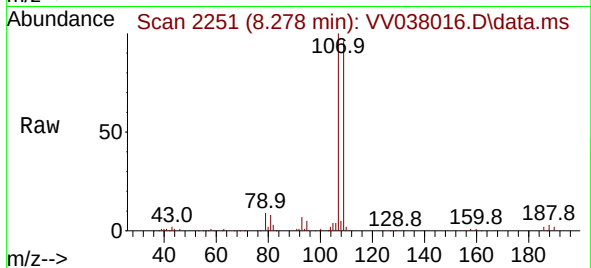




#50
1,2-Dibromoethane
Concen: 5.273 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

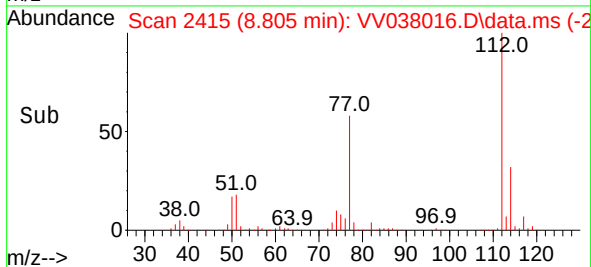
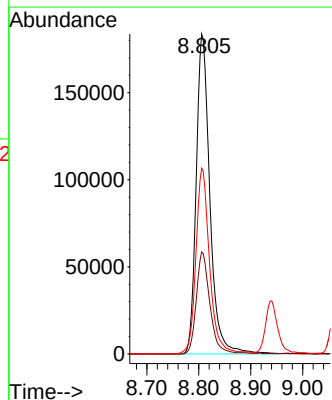
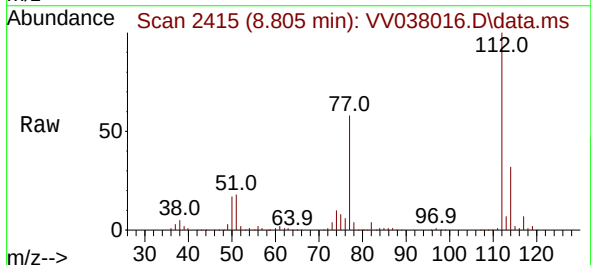
Instrument :
MSVOA_V
ClientSampleId :

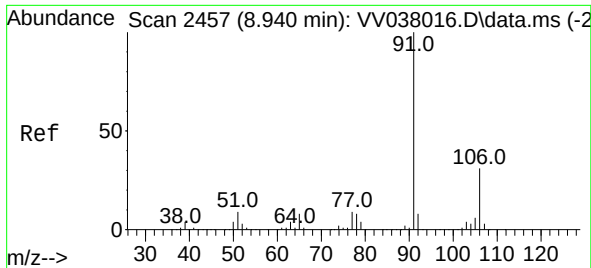
Tgt Ion:107 Resp: 91873
Ion Ratio Lower Upper
107 100
109 95.9 67.1 124.7
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 5.111 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

Tgt Ion:112 Resp: 336422
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.3
77 58.1 46.5 69.7





#52

Ethylbenzene

Concen: 5.223 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

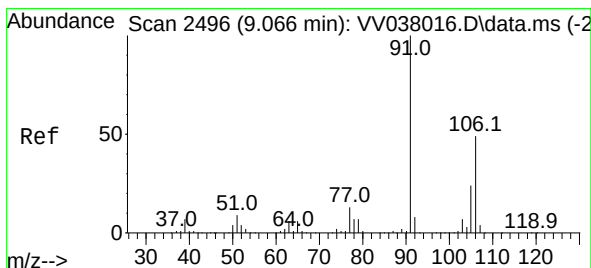
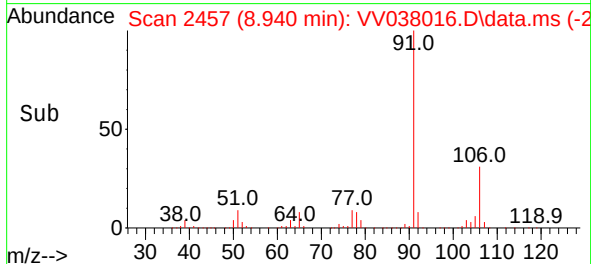
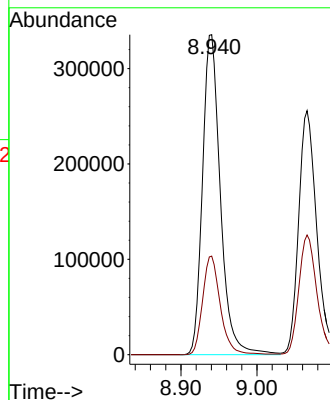
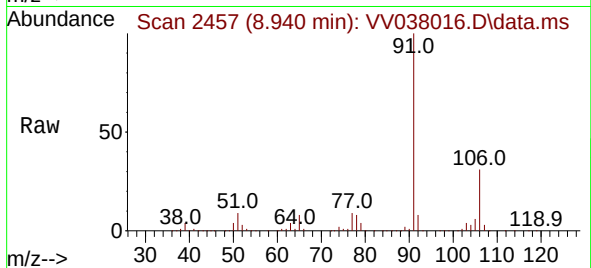
ClientSampleId :

Tgt Ion: 91 Resp: 548111

Ion Ratio Lower Upper

91 100

106 30.8 21.6 40.0



#53

m,p-Xylene

Concen: 5.365 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV038016.D

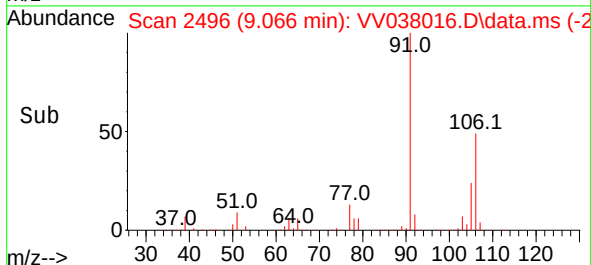
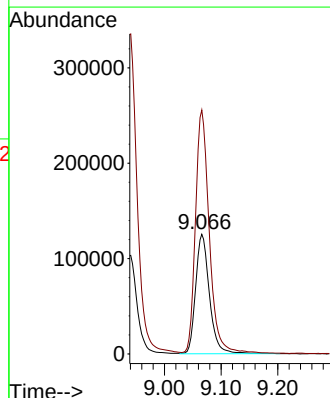
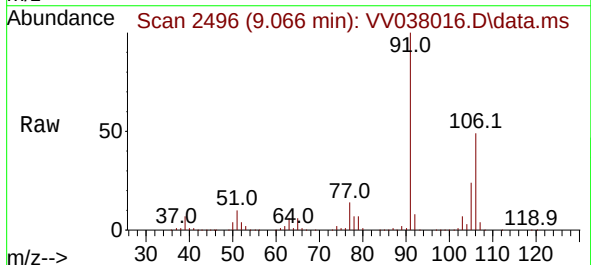
Acq: 12 Nov 2024 12:49

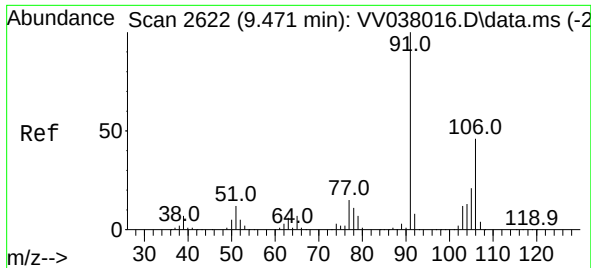
Tgt Ion:106 Resp: 212250

Ion Ratio Lower Upper

106 100

91 203.8 142.7 264.9

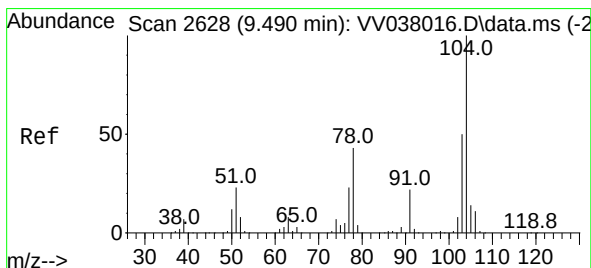
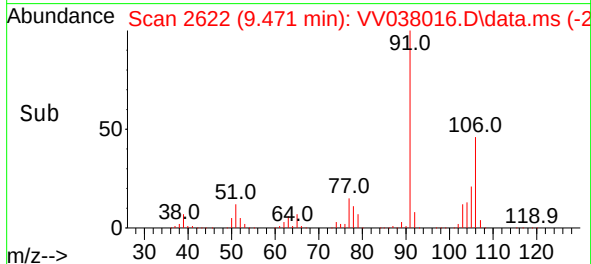
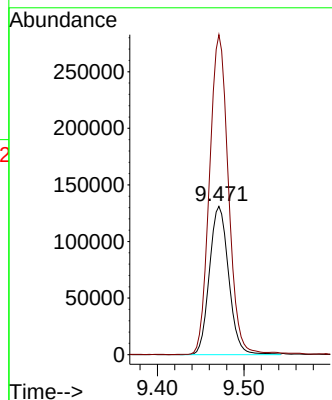
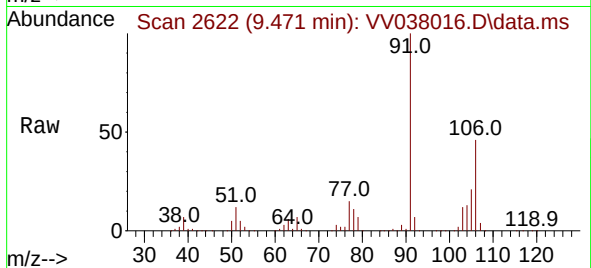




#54
o-Xylene
Concen: 5.288 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

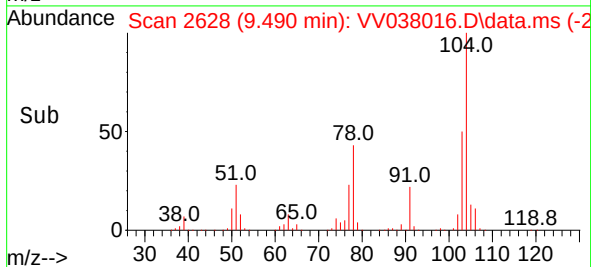
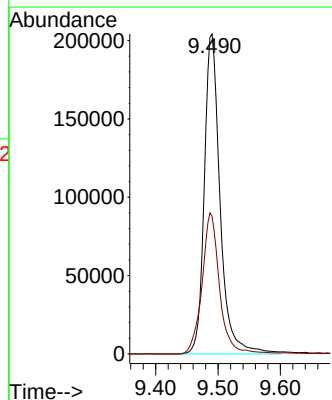
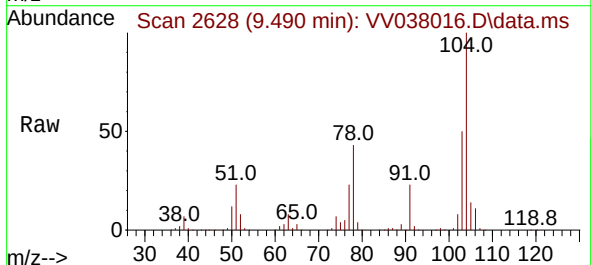
Instrument :
MSVOA_V
ClientSampleId :

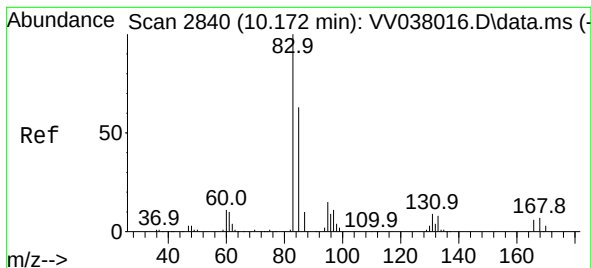
Tgt Ion:106 Resp: 202478
Ion Ratio Lower Upper
106 100
91 215.7 151.0 280.4



#55
Styrene
Concen: 5.400 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

Tgt Ion:104 Resp: 360204
Ion Ratio Lower Upper
104 100
78 43.0 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.328 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

ClientSampleId :

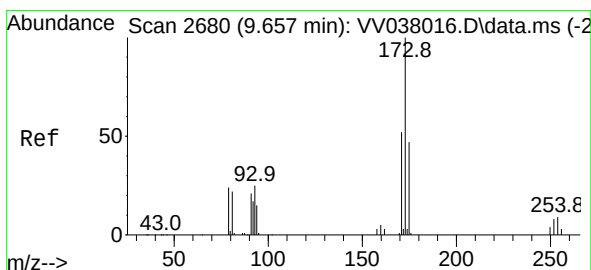
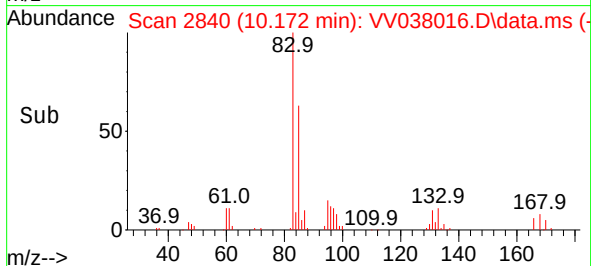
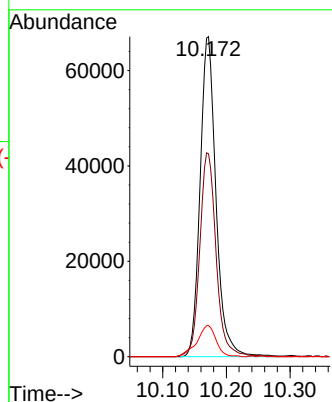
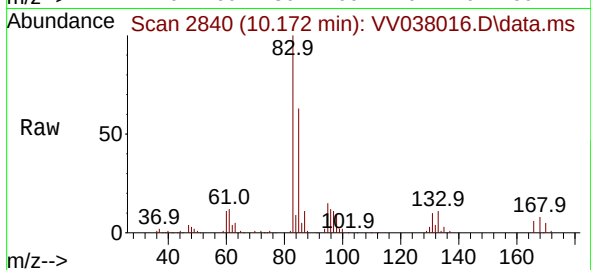
Tgt Ion: 83 Resp: 116713

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4

131 9.7 7.8 11.6



#59

Bromoform

Concen: 4.839 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

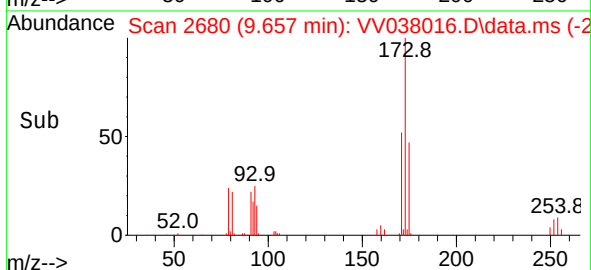
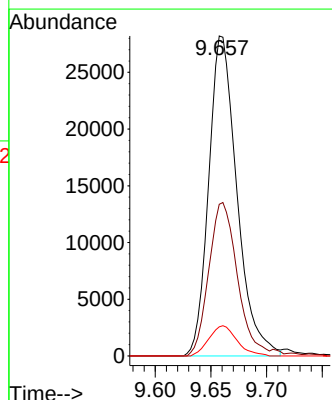
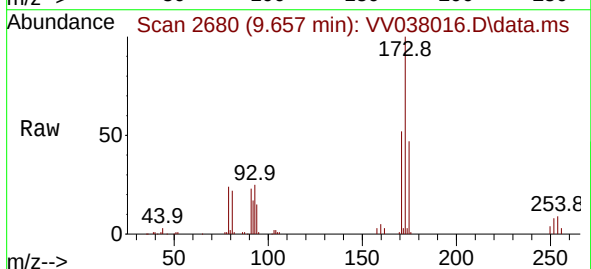
Tgt Ion: 173 Resp: 49741

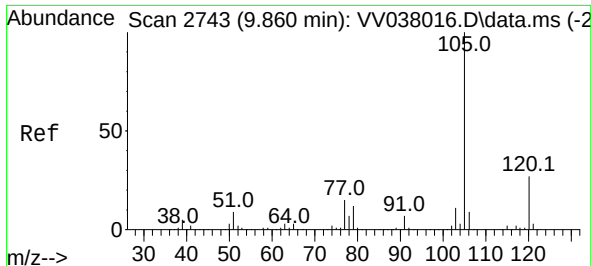
Ion Ratio Lower Upper

173 100

175 49.1 39.3 58.9

254 9.4 7.5 11.3

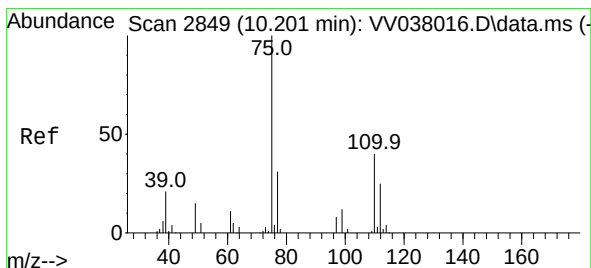
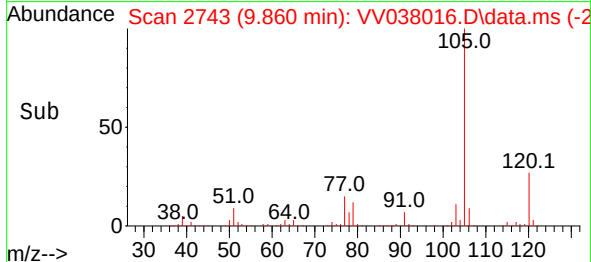
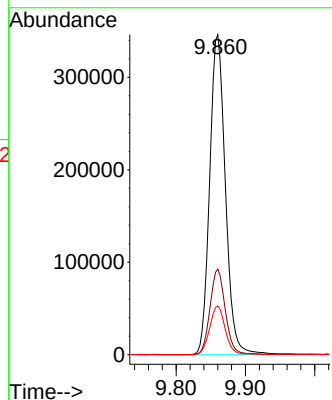
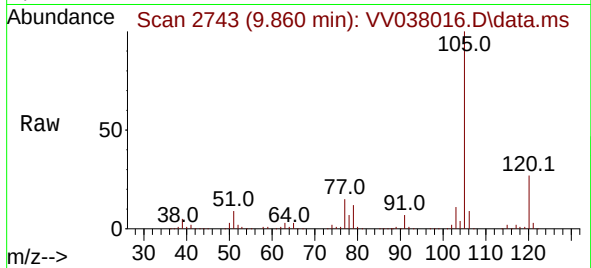




#60
Isopropylbenzene
Concen: 5.217 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

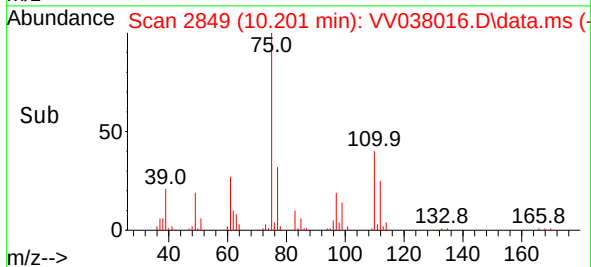
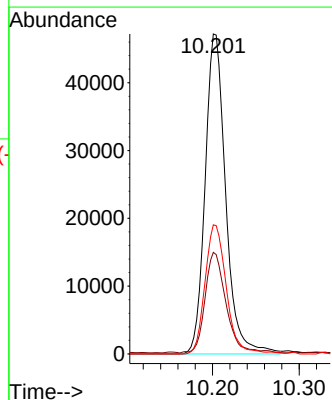
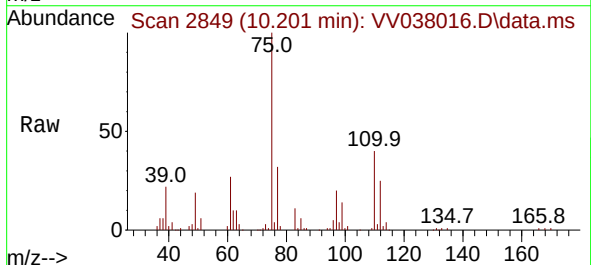
Instrument :
MSVOA_V
ClientSampleId :

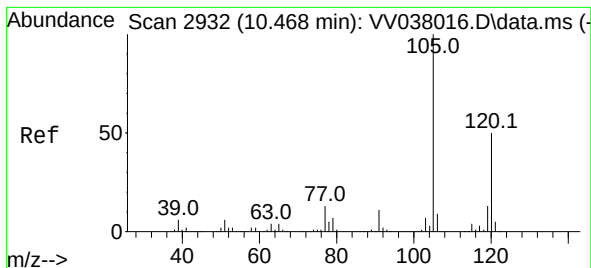
Tgt Ion:105 Resp: 544081
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 15.1 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 5.097 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038016.D
Acq: 12 Nov 2024 12:49

Tgt Ion: 75 Resp: 77849
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
110 41.9 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 5.121 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

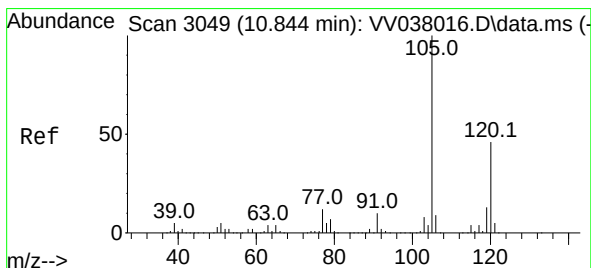
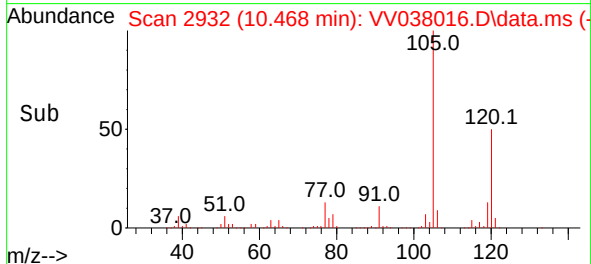
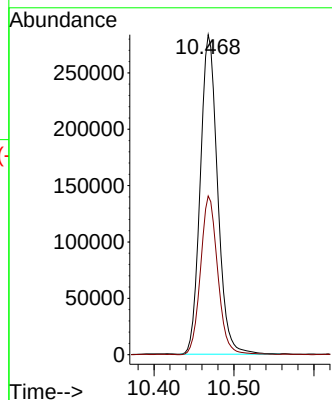
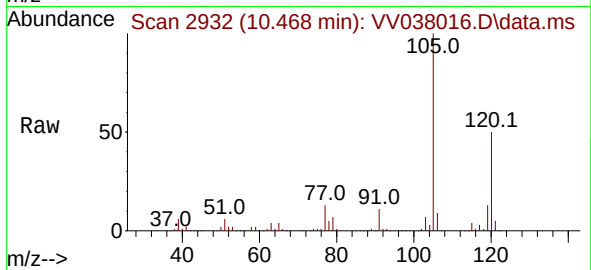
ClientSampleId :

Tgt Ion:105 Resp: 427801

Ion Ratio Lower Upper

105 100

120 49.4 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 5.259 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV038016.D

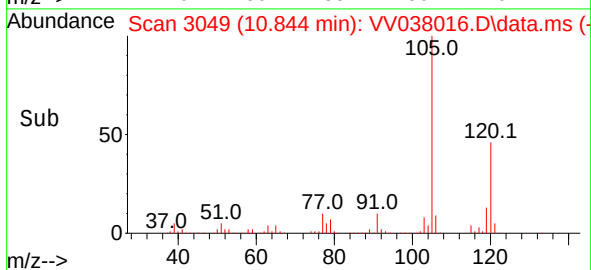
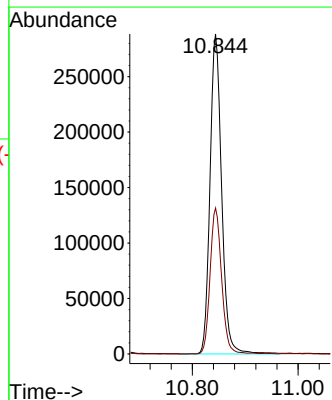
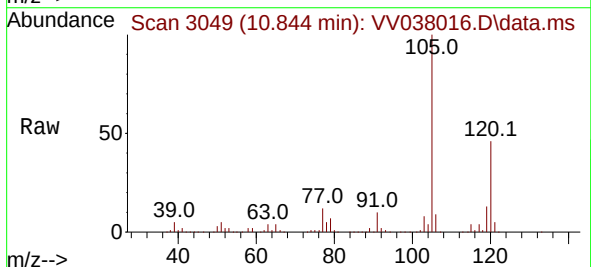
Acq: 12 Nov 2024 12:49

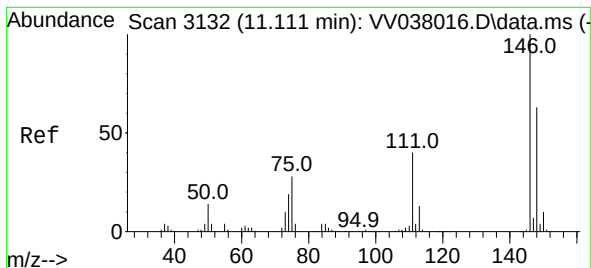
Tgt Ion:105 Resp: 440122

Ion Ratio Lower Upper

105 100

120 45.1 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.119 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

ClientSampleId :

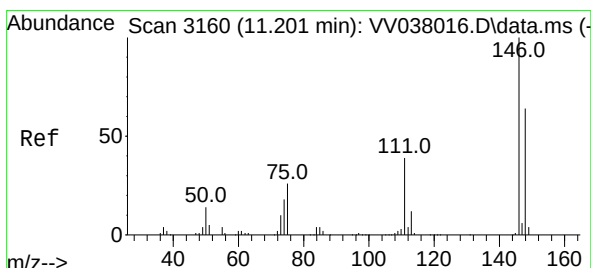
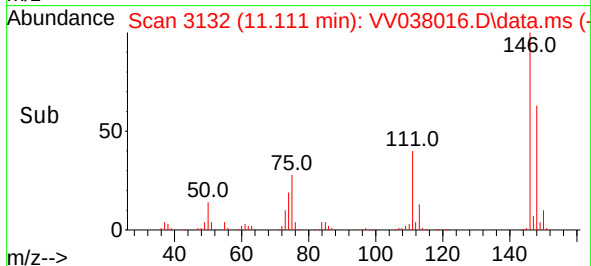
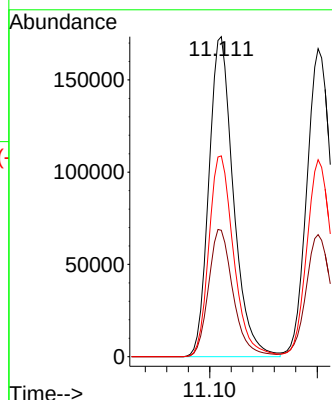
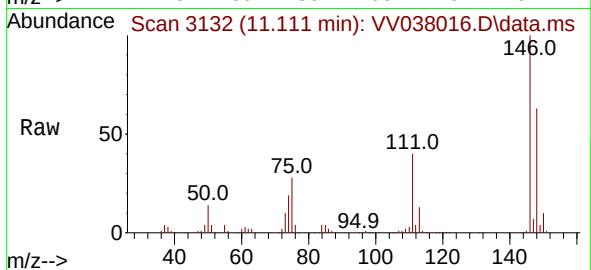
Tgt Ion:146 Resp: 275395

Ion Ratio Lower Upper

146 100

111 39.5 27.6 51.4

148 62.7 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 5.000 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

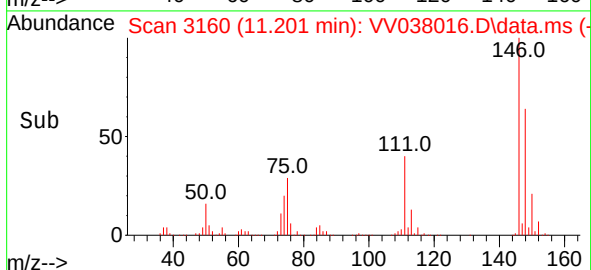
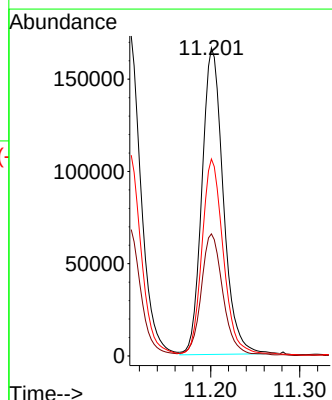
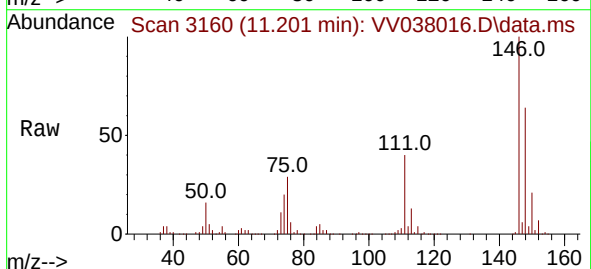
Tgt Ion:146 Resp: 276754

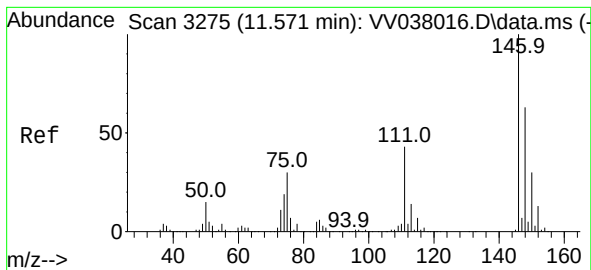
Ion Ratio Lower Upper

146 100

111 39.7 27.8 51.6

148 63.9 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.126 ug/L

RT: 11.571 min Scan# 3275

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

ClientSampleId :

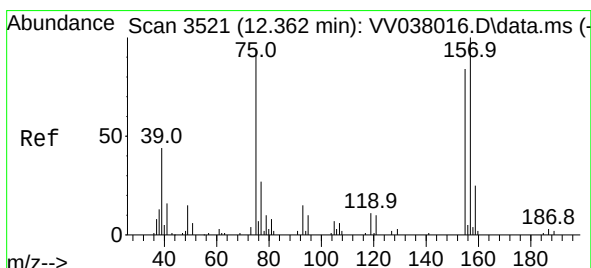
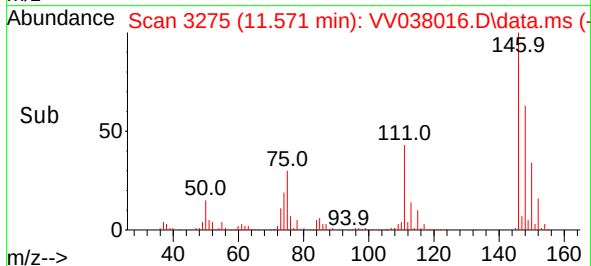
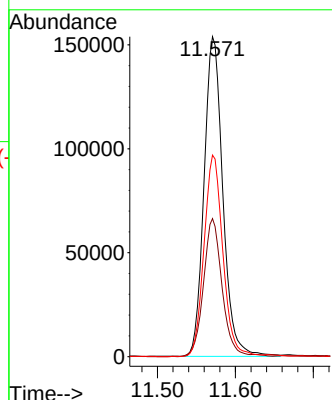
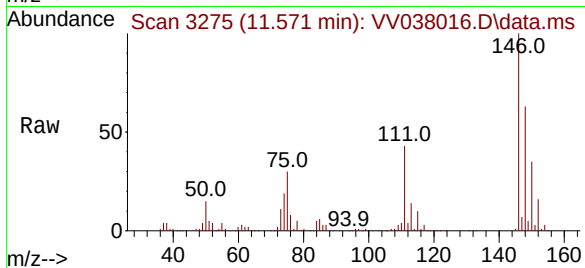
Tgt Ion:146 Resp: 257859

Ion Ratio Lower Upper

146 100

111 43.1 34.5 51.7

148 63.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.145 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

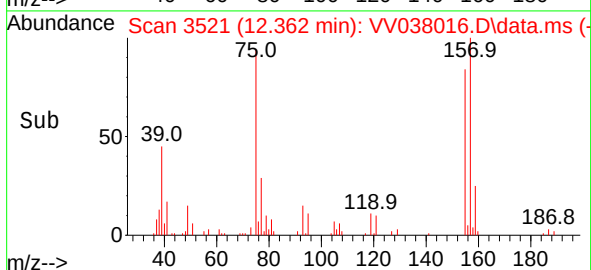
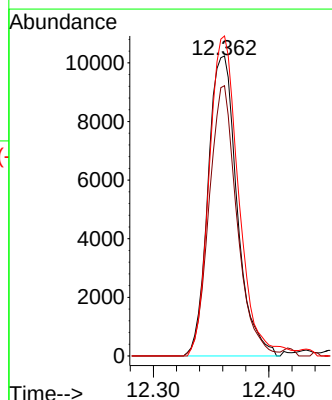
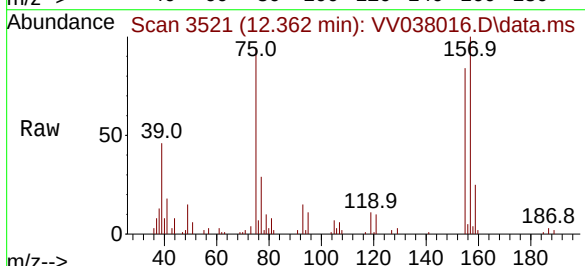
Tgt Ion: 75 Resp: 17816

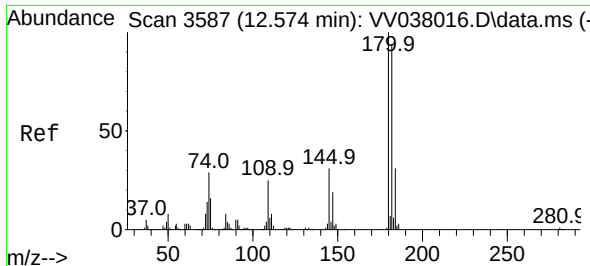
Ion Ratio Lower Upper

75 100

155 90.0 72.0 108.0

157 106.7 85.4 128.0





#69

1,3,5-Trichlorobenzene

Concen: 4.868 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

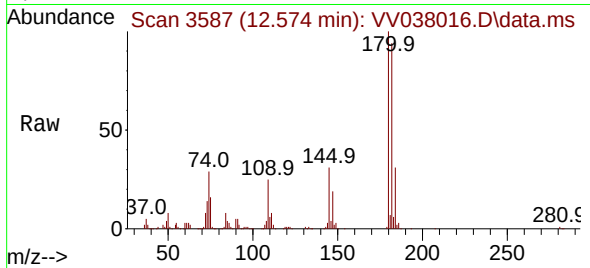
Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 192614

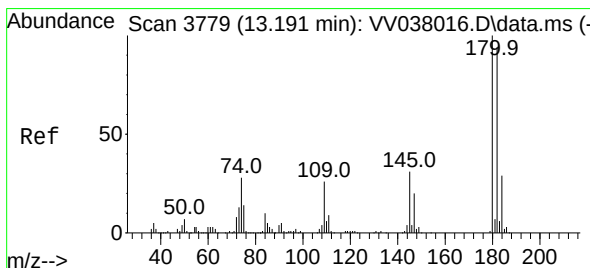
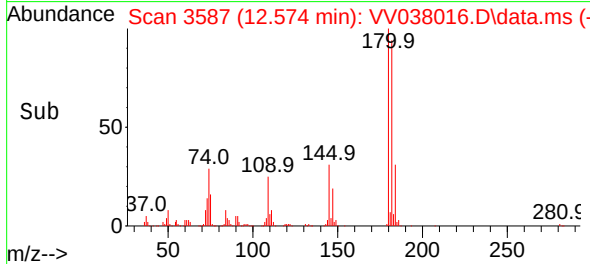
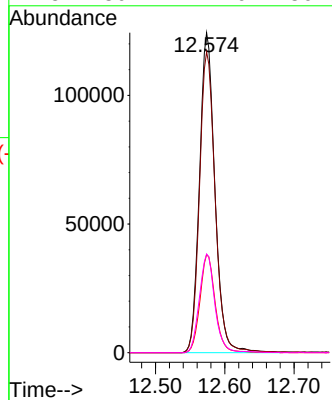
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

184 30.2 24.2 36.2

145 30.7 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 4.964 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

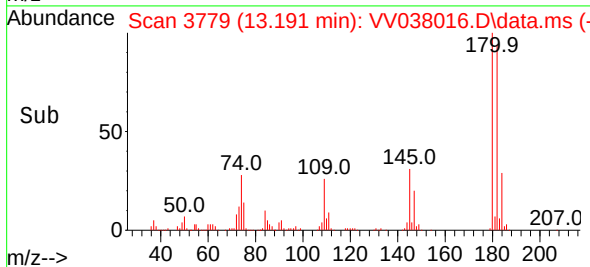
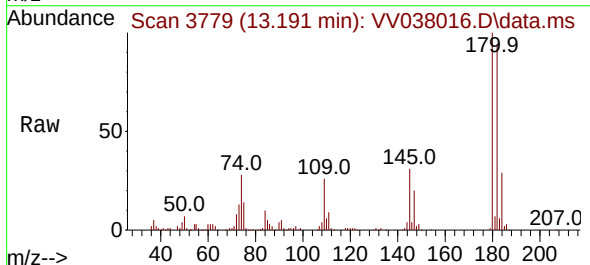
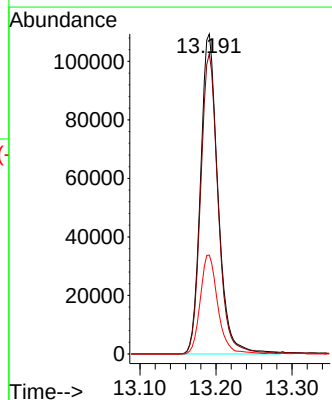
Tgt Ion:180 Resp: 174420

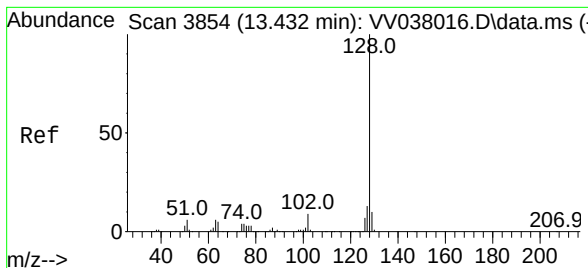
Ion Ratio Lower Upper

180 100

182 93.3 74.6 112.0

145 31.0 24.8 37.2





#71

Naphthalene

Concen: 4.864 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Instrument :

MSVOA_V

ClientSampleId :

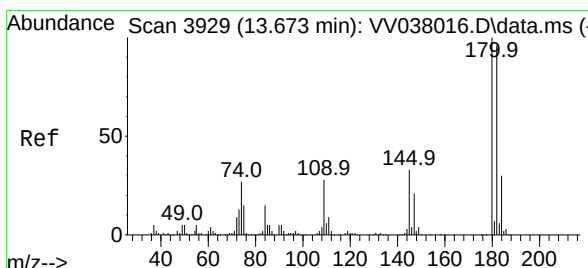
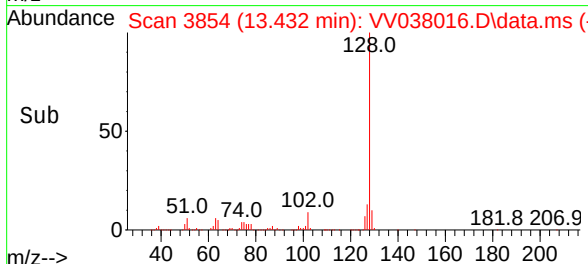
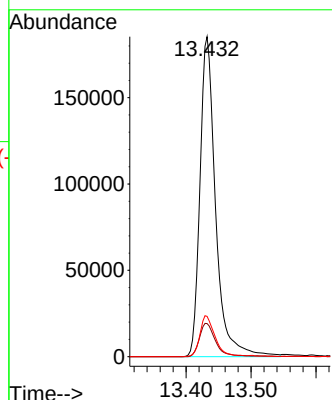
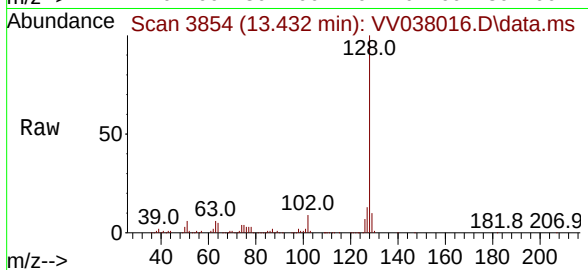
Tgt Ion:128 Resp: 311066

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.4 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 5.049 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV038016.D

Acq: 12 Nov 2024 12:49

Tgt Ion:180 Resp: 167417

Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

145 32.7 26.2 39.2

