

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038170.D
 Acq On : 19 Nov 2024 10:29
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 21:36:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 21:34:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	273962	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	281909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	156905	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	218664	10.413	ug/L	0.00
7) Chloroethane-d5	1.529	69	178198	10.491	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	95148	10.529	ug/L	0.00
20) 2-Butanone-d5	3.793	46	472227	117.906	ug/L	0.00
24) Chloroform-d	4.236	84	434613	10.665	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	199122	10.812	ug/L	0.00
32) Benzene-d6	4.950	84	823445	11.302	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	242836	10.857	ug/L	0.00
41) Toluene-d8	7.233	98	782535	11.607	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	100686	12.350	ug/L	0.00
46) 2-Hexanone-d5	8.018	63	407586	131.800	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	207843	10.920	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	284213	10.631	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	254691	9.826	ug/L	99
3) Chloromethane	1.214	50	220847	9.895	ug/L	99
5) Vinyl chloride	1.278	62	251137	9.930	ug/L	100
6) Bromomethane	1.484	94	91074	9.235	ug/L	98
8) Chloroethane	1.545	64	158477	8.955	ug/L	99
9) Trichlorofluoromethane	1.709	101	357099	9.922	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	201420	9.806	ug/L	99
12) 1,1-Dichloroethene	2.063	96	192137	9.819	ug/L	96
13) Acetone	2.134	43	319495	102.837	ug/L	100
14) Carbon disulfide	2.233	76	630809	10.007	ug/L	99
15) Methyl Acetate	2.378	43	75447	9.868	ug/L	97
16) Methylene chloride	2.439	84	225258	10.095	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	474834	10.733	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	209830	10.179	ug/L	98
19) 1,1-Dichloroethane	3.101	63	382848	10.232	ug/L	98
21) 2-Butanone	3.873	43	477562	115.310	ug/L	95
22) cis-1,2-Dichloroethene	3.802	96	226331	10.619	ug/L	99
23) Bromochloromethane	4.140	128	107356	10.316	ug/L	97
25) Chloroform	4.265	83	399915	9.990	ug/L	99
27) 1,2-Dichloroethane	5.034	62	230362	10.576	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	343932	10.172	ug/L	99
30) Cyclohexane	4.571	56	295240	10.528	ug/L	99
31) Carbon tetrachloride	4.725	117	301795	10.118	ug/L	100
33) Benzene	4.998	78	856190	10.813	ug/L	100
34) Trichloroethene	5.825	95	219214	10.155	ug/L	98
35) Methylcyclohexane	6.040	83	326775	10.701	ug/L	98
37) 1,2-Dichloropropane	6.082	63	217930	10.987	ug/L	100
38) Bromodichloromethane	6.423	83	281637	10.564	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	310751	11.587	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	1208017	118.342	ug/L	99
42) Toluene	7.307	91	909807	10.849	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	271795	11.801	ug/L	96

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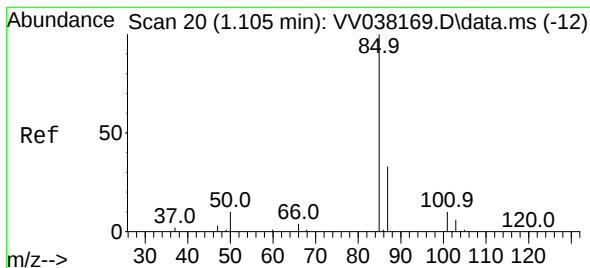
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.760	97	169850	10.559	ug/L	98
47) Tetrachloroethene	7.895	164	172544	9.947	ug/L	99
48) 2-Hexanone	8.066	43	868811	123.316	ug/L	100
49) Dibromochloromethane	8.169	129	187945	10.716	ug/L	99
50) 1,2-Dibromoethane	8.275	107	160027	10.731	ug/L	99
51) Chlorobenzene	8.805	112	596378	10.321	ug/L	99
52) Ethylbenzene	8.937	91	969665	10.899	ug/L	100
53) m,p-Xylene	9.066	106	381544	11.364	ug/L	99
54) o-Xylene	9.471	106	366748	11.221	ug/L	94
55) Styrene	9.487	104	678039	11.926	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	197492	10.500	ug/L	98
59) Bromoform	9.657	173	96755	10.596	ug/L	98
60) Isopropylbenzene	9.857	105	969393	10.727	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	135687	10.101	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	780839	10.888	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	808242	11.302	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	492834	10.157	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	494580	10.082	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	457560	10.188	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	31132	10.324	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	338539	9.849	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	295453	10.398	ug/L	98
71) Naphthalene	13.432	128	468064	10.589	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	278450	10.606	ug/L	99

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

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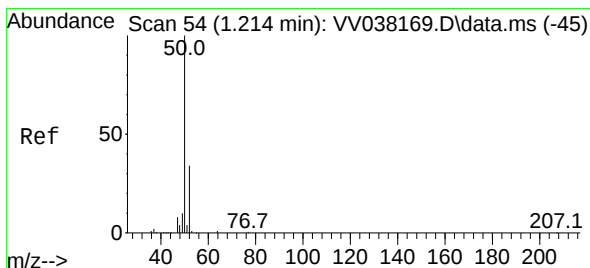
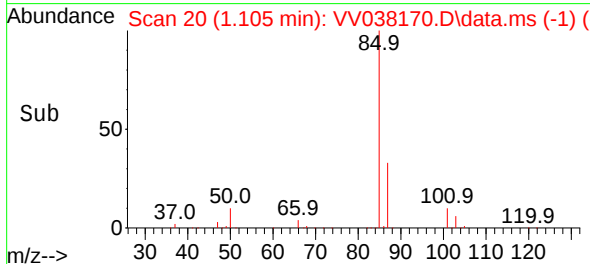
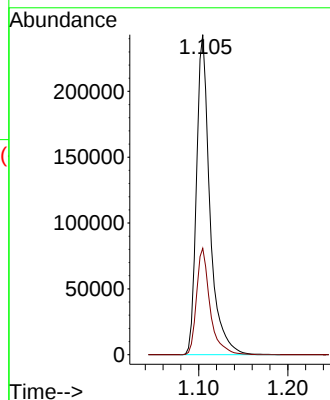
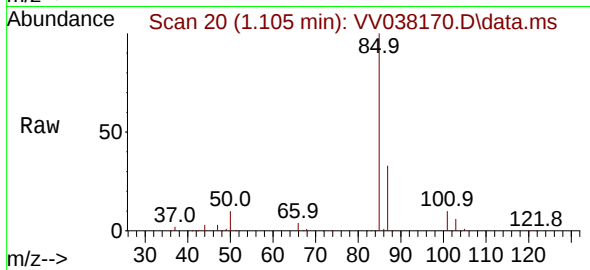




#2
 Dichlorodifluoromethane
 Concen: 9.826 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038170.D
 Acq: 19 Nov 2024 10:29

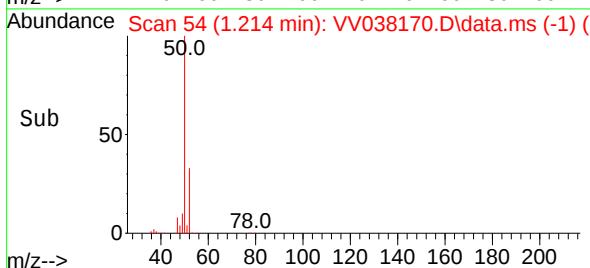
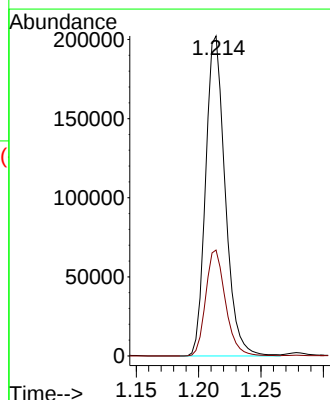
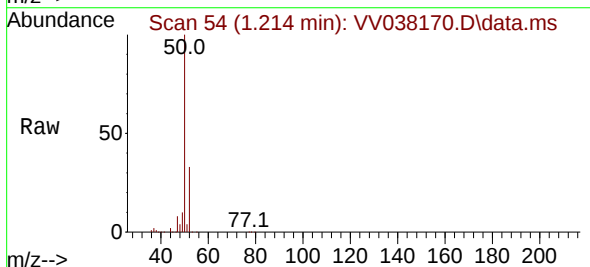
Instrument :
 MSVOA_V
 ClientSampleId :

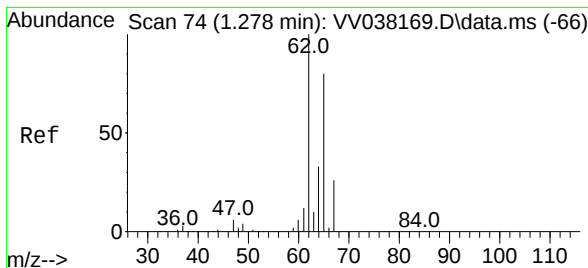
Tgt Ion: 85 Resp: 254691
 Ion Ratio Lower Upper
 85 100
 87 33.5 26.5 39.7



#3
 Chloromethane
 Concen: 9.895 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038170.D
 Acq: 19 Nov 2024 10:29

Tgt Ion: 50 Resp: 220847
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.5 43.7





#5

Vinyl chloride

Concen: 9.930 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

Instrument :

MSVOA_V

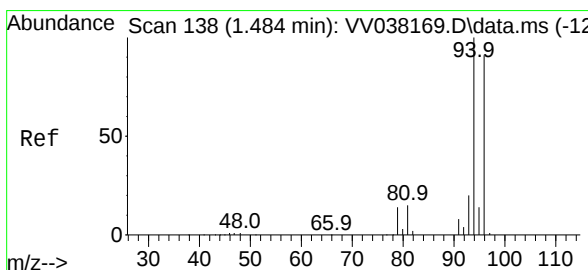
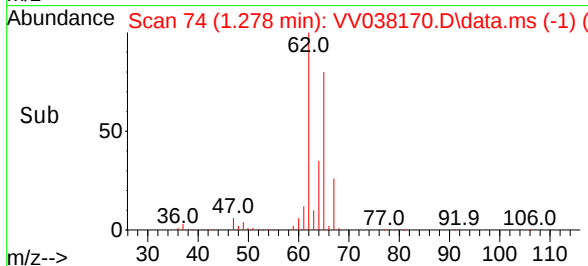
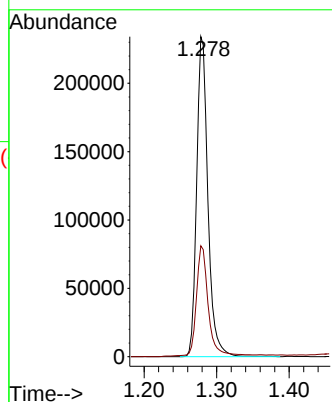
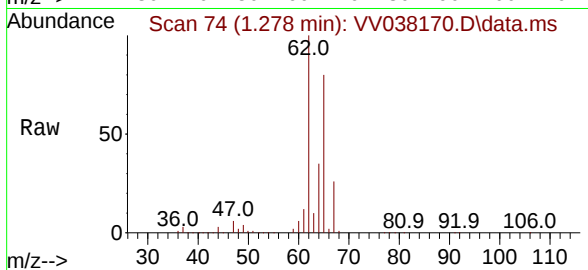
ClientSampleId :

Tgt Ion: 62 Resp: 251137

Ion Ratio Lower Upper

62 100

64 34.7 24.4 45.4



#6

Bromomethane

Concen: 9.235 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV038170.D

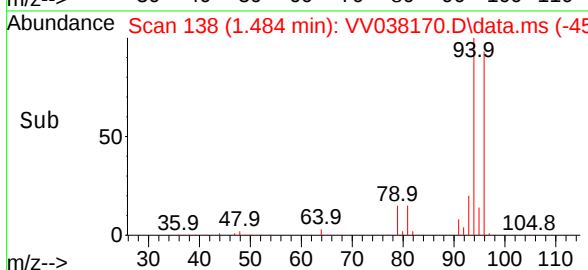
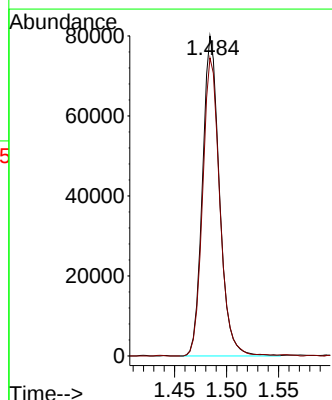
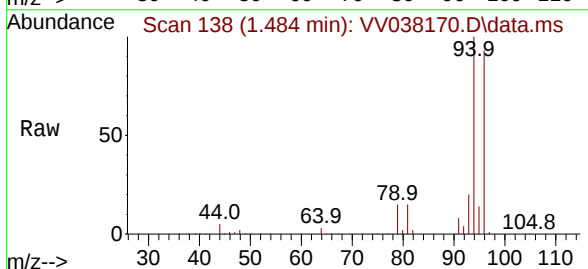
Acq: 19 Nov 2024 10:29

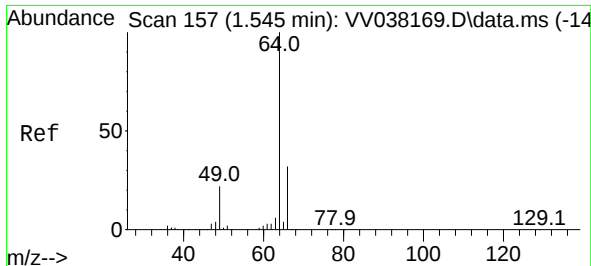
Tgt Ion: 94 Resp: 91074

Ion Ratio Lower Upper

94 100

96 93.2 63.7 118.3

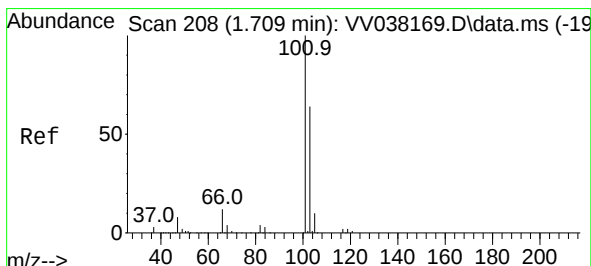
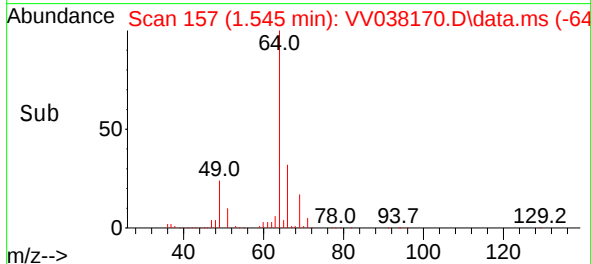
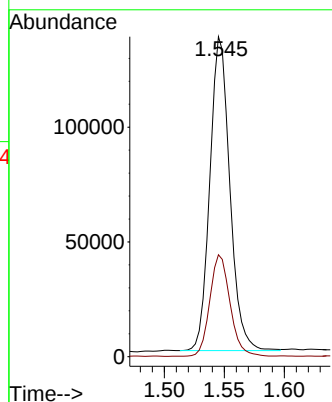
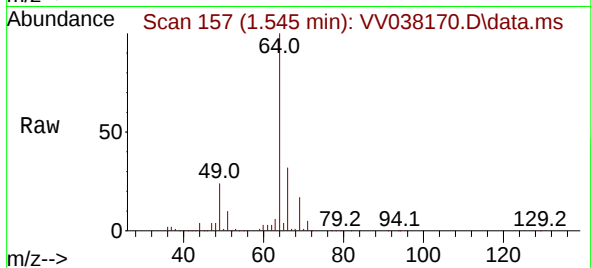




#8
Chloroethane
Concen: 8.955 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

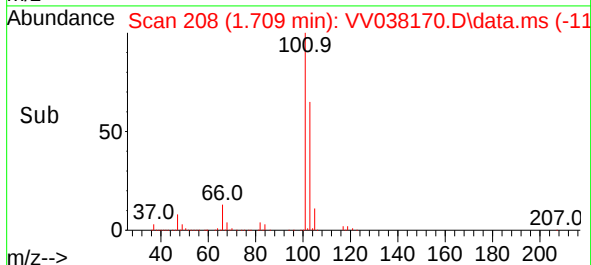
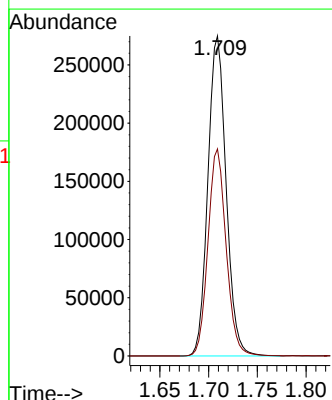
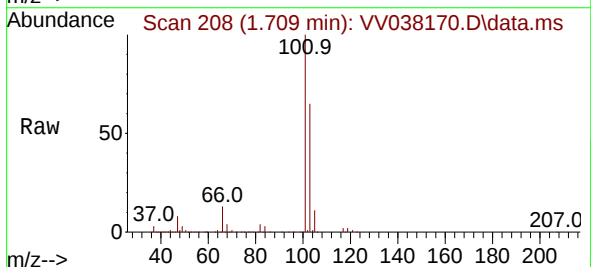
Instrument :
MSVOA_V
ClientSampleId :

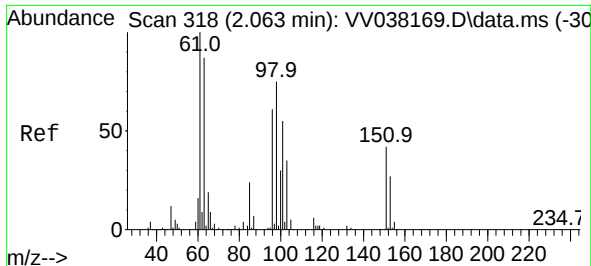
Tgt Ion: 64 Resp: 158477
Ion Ratio Lower Upper
64 100
66 31.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 9.922 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Tgt Ion:101 Resp: 357099
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

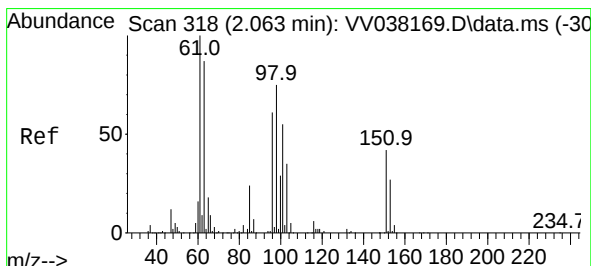
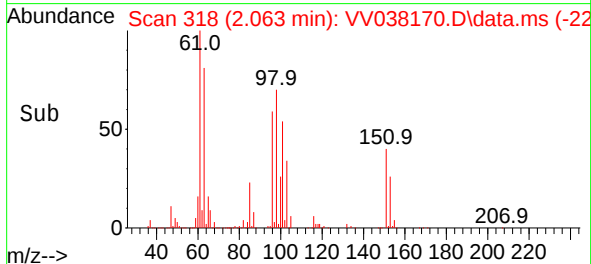
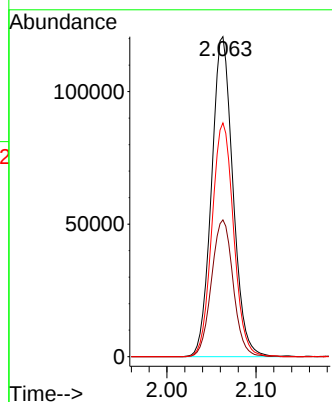
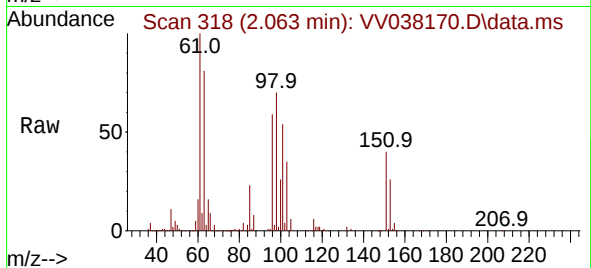




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.806 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

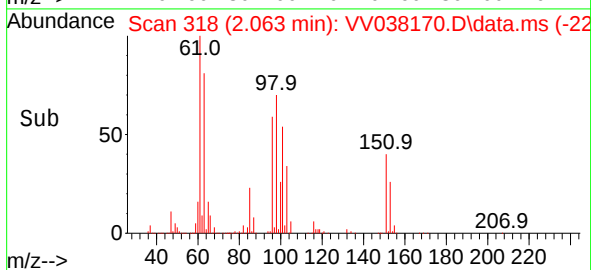
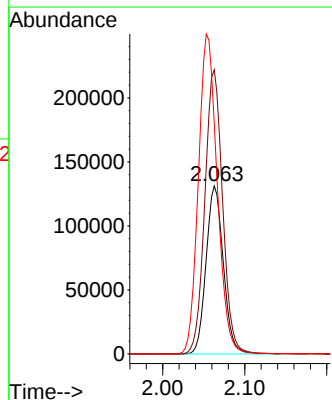
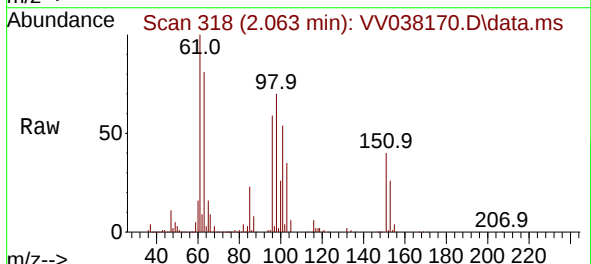
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ClientSampleId :

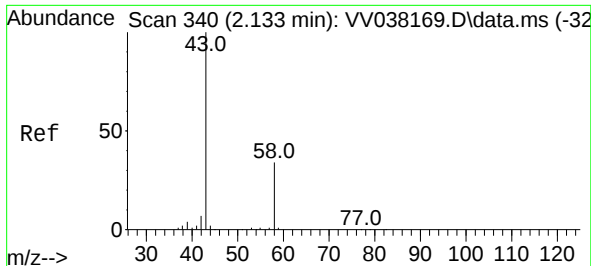
Tgt Ion:101 Resp: 201420
Ion Ratio Lower Upper
101 100
85 43.3 33.4 50.0
151 74.0 58.8 88.2



#12
1,1-Dichloroethene
Concen: 9.819 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Tgt Ion: 96 Resp: 192137
Ion Ratio Lower Upper
96 100
61 169.0 115.7 214.9
63 137.2 101.1 187.7





#13

Acetone

Concen: 102.837 ug/L

RT: 2.134 min Scan# 340

Delta R.T. 0.000 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

Instrument :

MSVOA_V

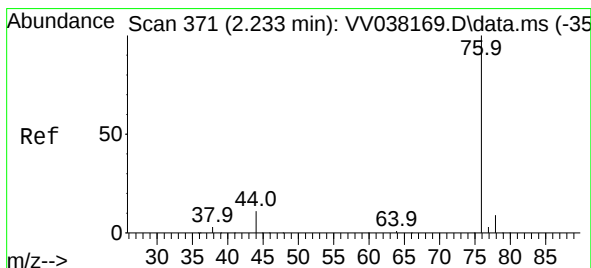
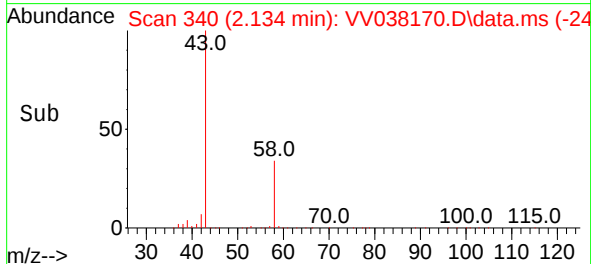
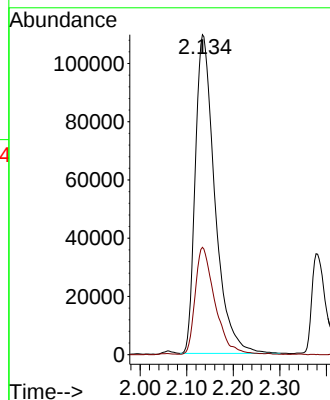
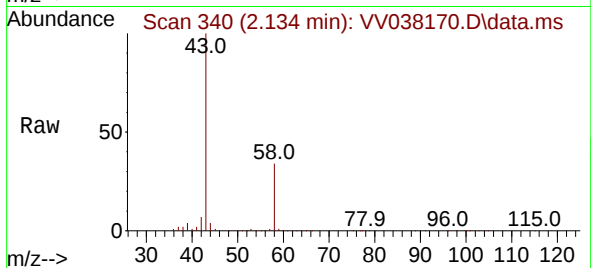
ClientSampleId :

Tgt Ion: 43 Resp: 319495

Ion Ratio Lower Upper

43 100

58 33.6 0.0 67.2



#14

Carbon disulfide

Concen: 10.007 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV038170.D

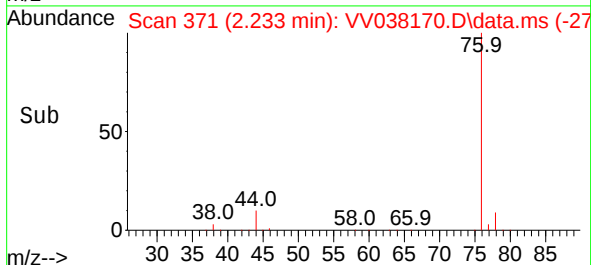
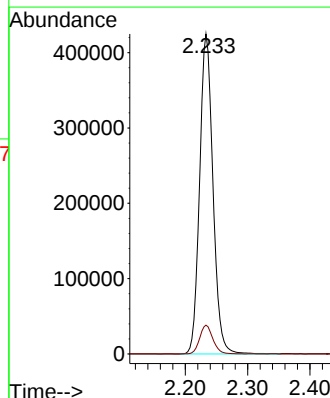
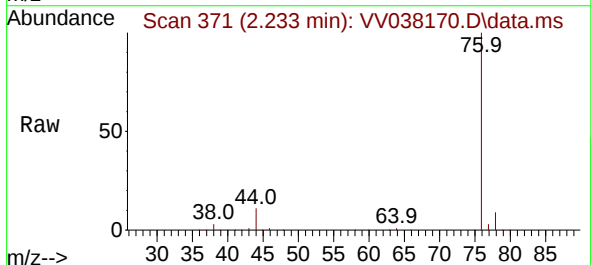
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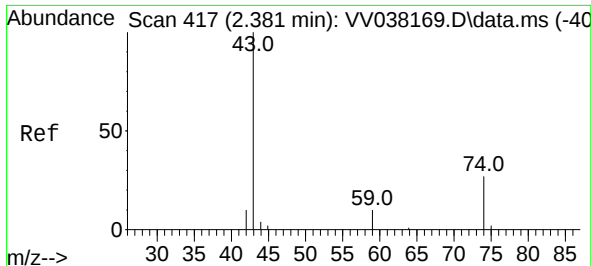
Tgt Ion: 76 Resp: 630809

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 9.868 ug/L

RT: 2.378 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

Instrument :

MSVOA_V

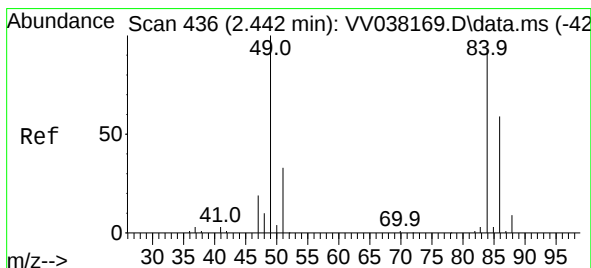
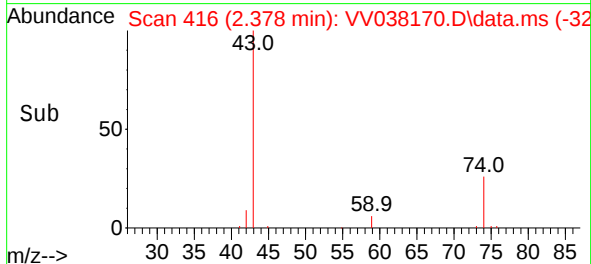
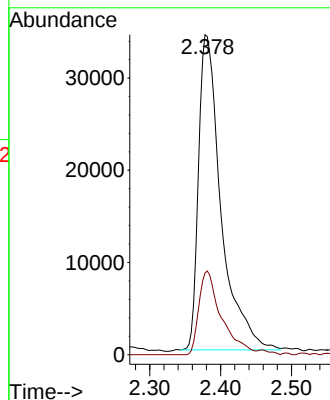
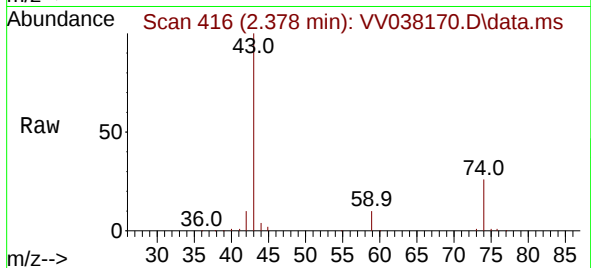
ClientSampleId :

Tgt Ion: 43 Resp: 75447

Ion Ratio Lower Upper

43 100

74 26.5 22.4 33.6



#16

Methylene chloride

Concen: 10.095 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.003 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

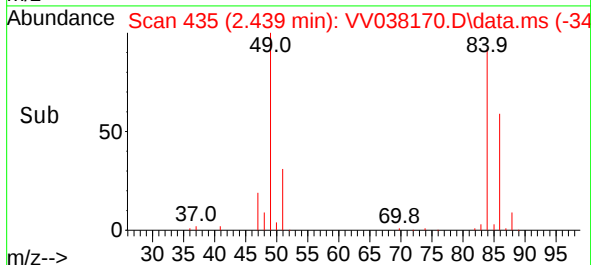
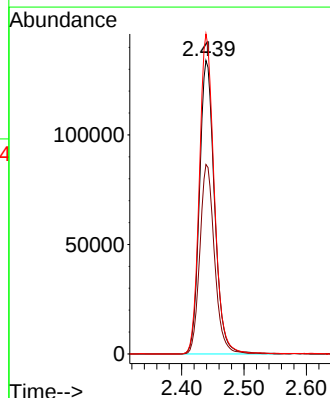
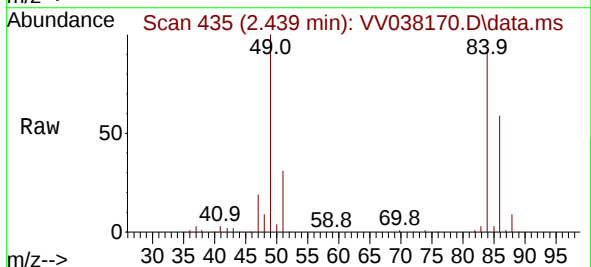
Tgt Ion: 84 Resp: 225258

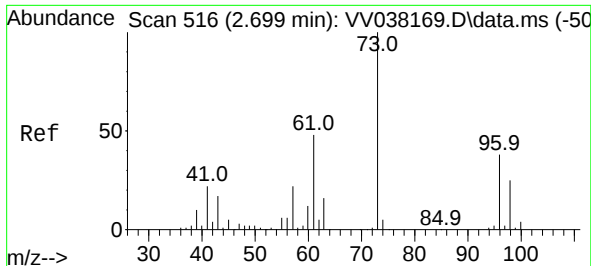
Ion Ratio Lower Upper

84 100

86 64.6 44.2 82.2

49 109.1 74.9 139.1

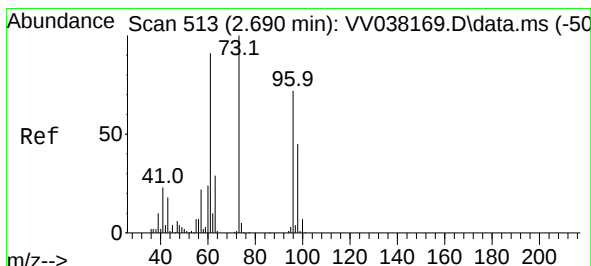
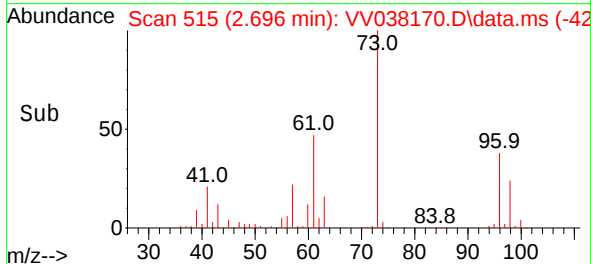
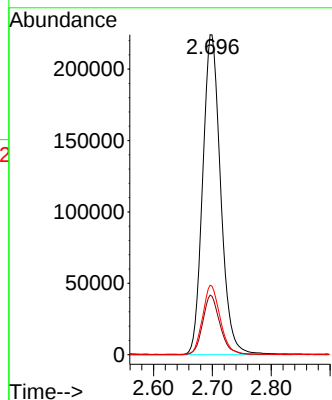
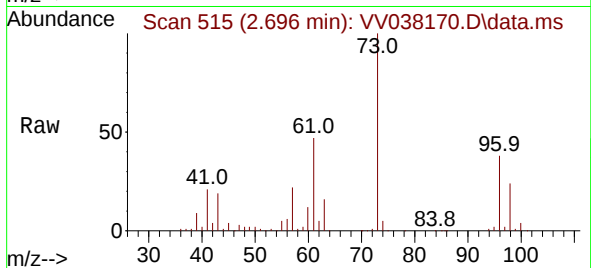




#17
Methyl tert-butyl Ether
Concen: 10.733 ug/L
RT: 2.696 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

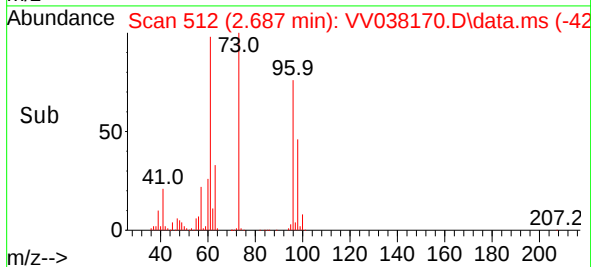
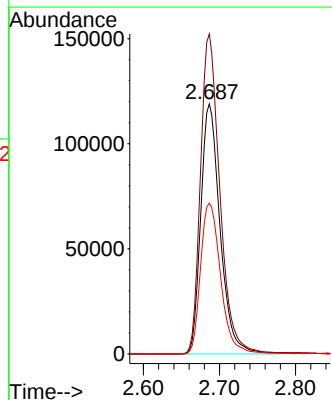
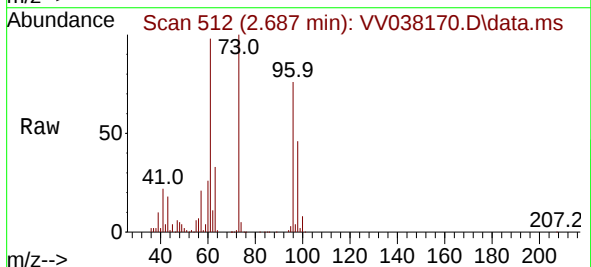
Instrument :
MSVOA_V
ClientSampleId :

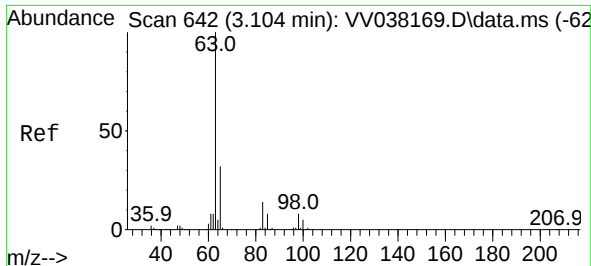
Tgt Ion: 73 Resp: 474834
Ion Ratio Lower Upper
73 100
43 17.6 14.2 21.2
57 21.4 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 10.179 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.003 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Tgt Ion: 96 Resp: 209830
Ion Ratio Lower Upper
96 100
61 128.0 88.5 164.4
98 60.3 43.9 81.5





#19

1,1-Dichloroethane

Concen: 10.232 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

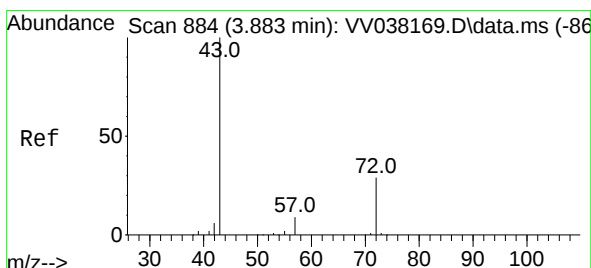
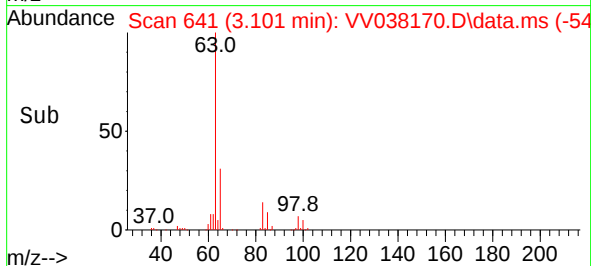
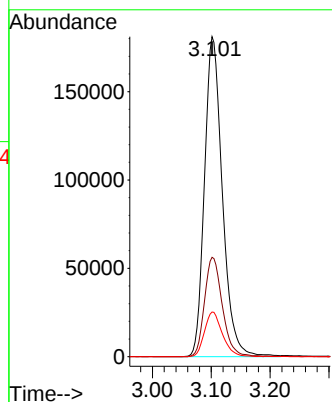
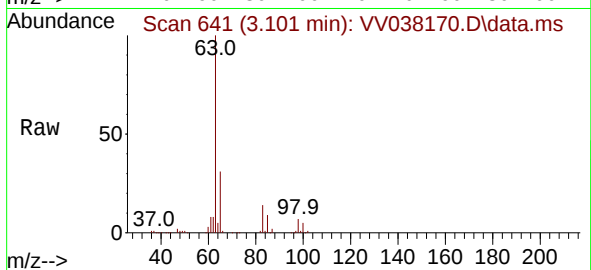
Tgt Ion: 63 Resp: 382848

Ion Ratio Lower Upper

63 100

65 31.0 22.5 41.7

83 14.0 10.1 18.9



#21

2-Butanone

Concen: 115.310 ug/L

RT: 3.873 min Scan# 881

Delta R.T. -0.010 min

Lab File: VV038170.D

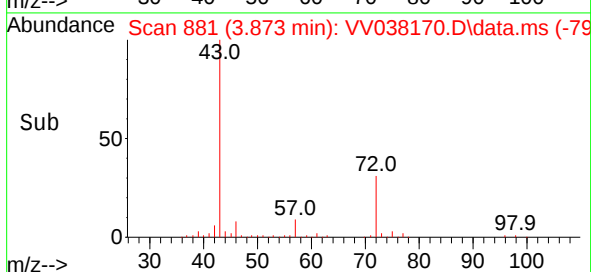
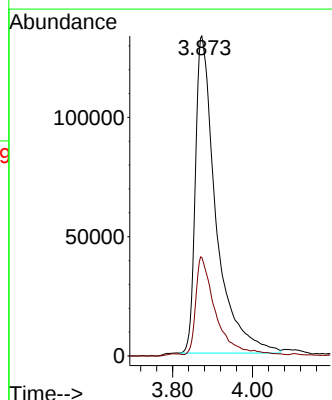
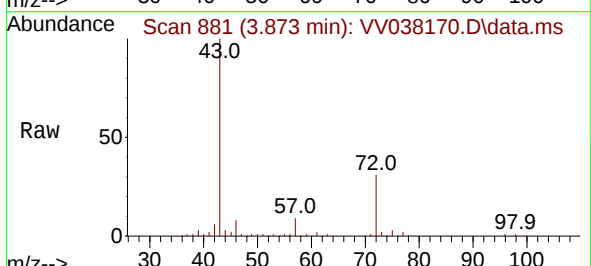
Acq: 19 Nov 2024 10:29

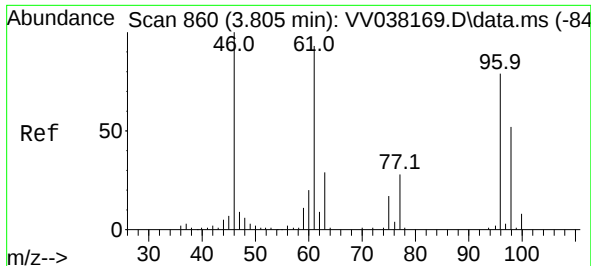
Tgt Ion: 43 Resp: 477562

Ion Ratio Lower Upper

43 100

72 28.3 13.0 39.0

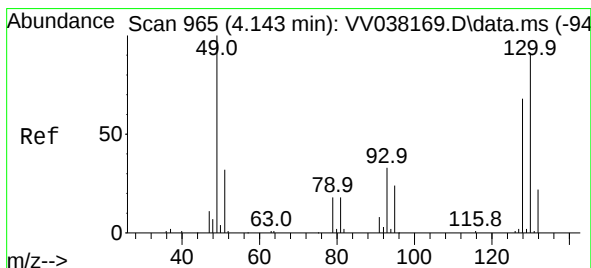
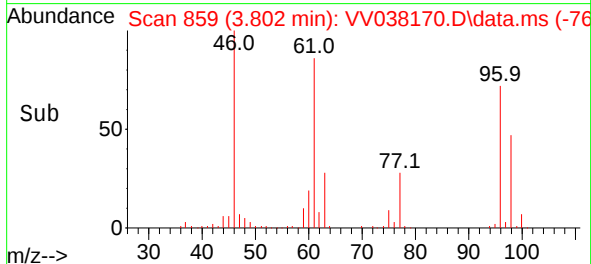
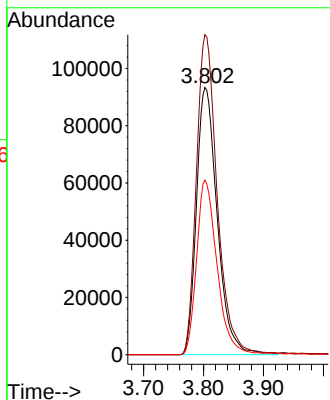
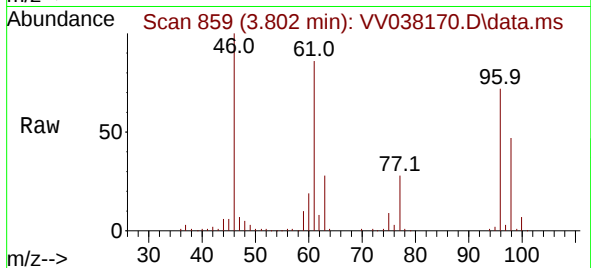




#22
 cis-1,2-Dichloroethene
 Concen: 10.619 ug/L
 RT: 3.802 min Scan# 859
 Delta R.T. -0.003 min
 Lab File: VV038170.D
 Acq: 19 Nov 2024 10:29

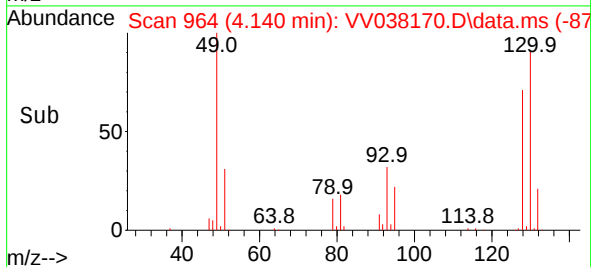
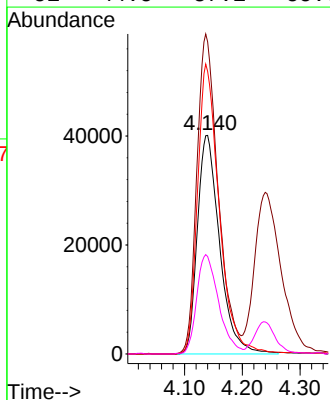
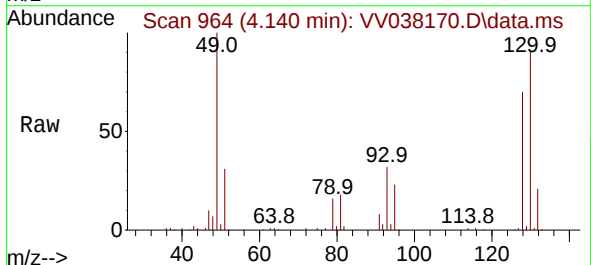
Instrument :
 MSVOA_V
 ClientSampleId :

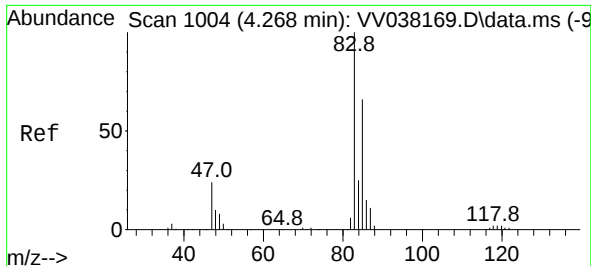
Tgt Ion: 96 Resp: 226331
 Ion Ratio Lower Upper
 96 100
 61 119.7 82.7 153.5
 98 65.3 46.3 85.9



#23
 Bromochloromethane
 Concen: 10.316 ug/L
 RT: 4.140 min Scan# 964
 Delta R.T. -0.003 min
 Lab File: VV038170.D
 Acq: 19 Nov 2024 10:29

Tgt Ion:128 Resp: 107356
 Ion Ratio Lower Upper
 128 100
 49 142.8 102.8 190.8
 130 129.3 93.6 173.8
 51 44.5 37.1 55.7





#25

Chloroform

Concen: 9.990 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

Instrument :

MSVOA_V

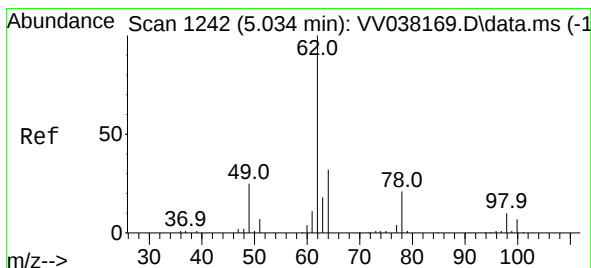
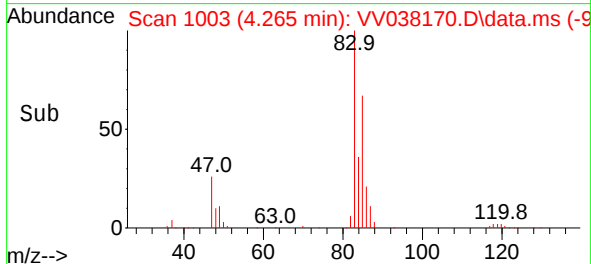
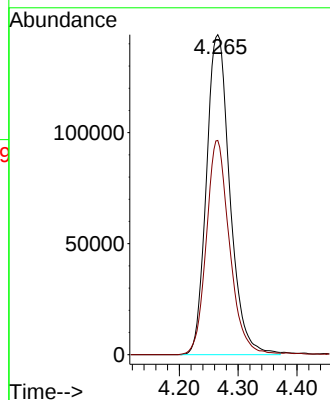
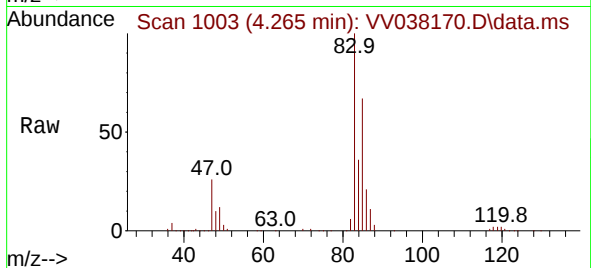
ClientSampleId :

Tgt Ion: 83 Resp: 399915

Ion Ratio Lower Upper

83 100

85 67.0 46.5 86.3



#27

1,2-Dichloroethane

Concen: 10.576 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV038170.D

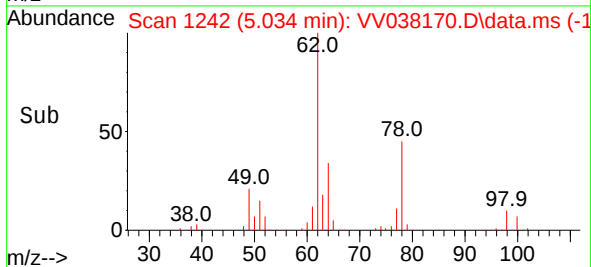
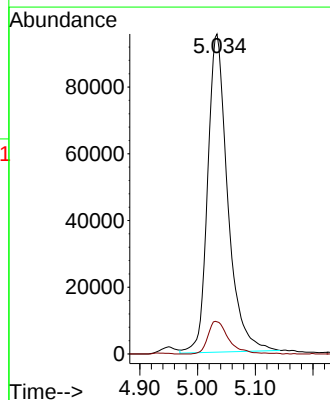
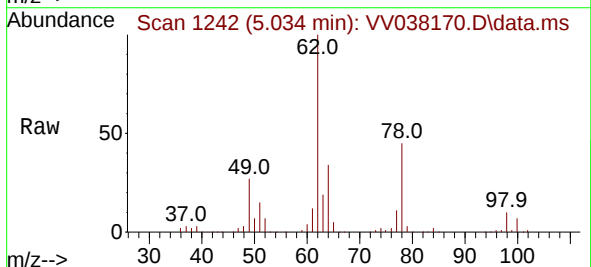
Acq: 19 Nov 2024 10:29

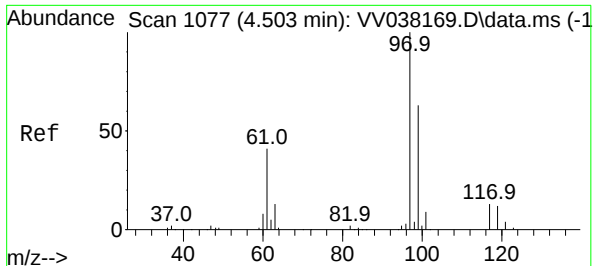
Tgt Ion: 62 Resp: 230362

Ion Ratio Lower Upper

62 100

98 10.1 8.2 12.4

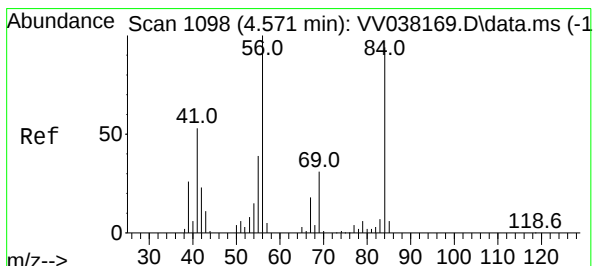
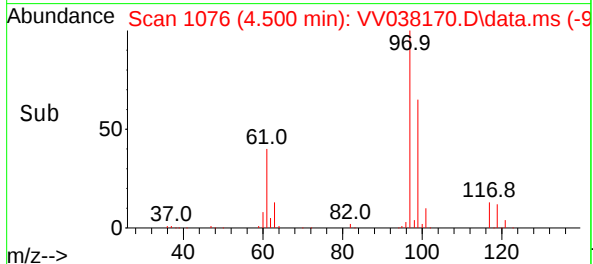
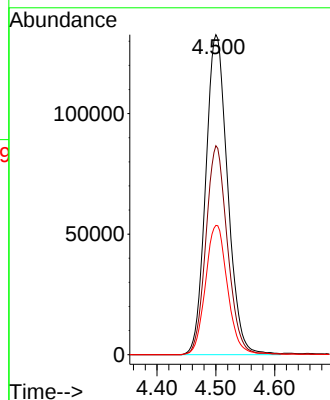
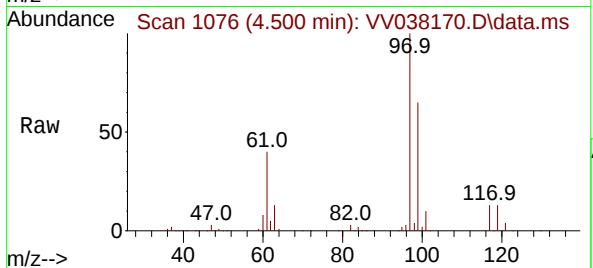




#29
1,1,1-Trichloroethane
Concen: 10.172 ug/L
RT: 4.500 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

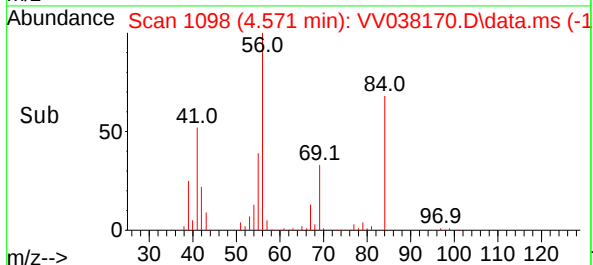
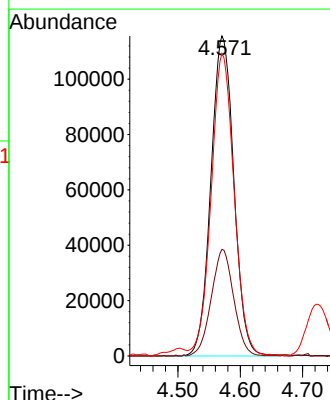
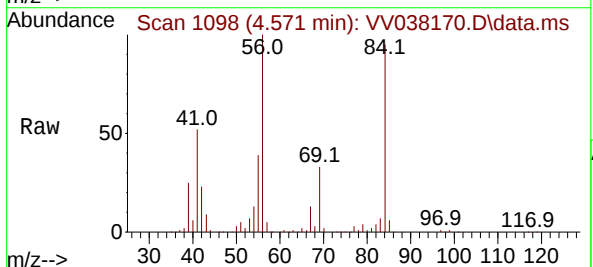
Instrument :
MSVOA_V
ClientSampleId :

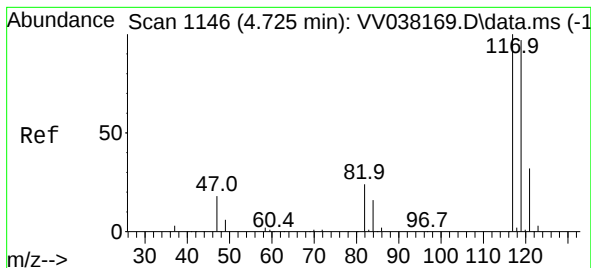
Tgt Ion: 97 Resp: 343932
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 40.5 32.2 48.2



#30
Cyclohexane
Concen: 10.528 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Tgt Ion: 56 Resp: 295240
Ion Ratio Lower Upper
56 100
69 32.7 26.0 39.0
84 93.7 75.6 113.4





#31

Carbon tetrachloride

Concen: 10.118 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

Instrument :

MSVOA_V

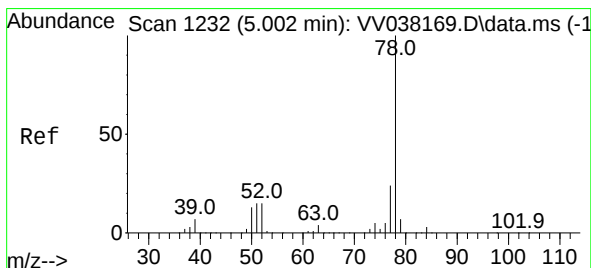
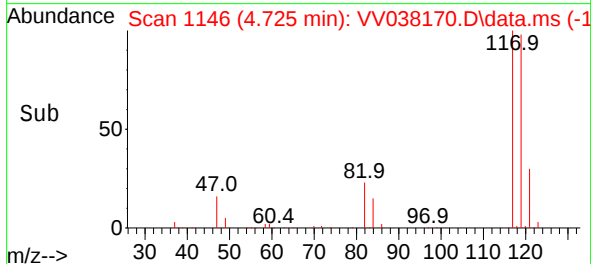
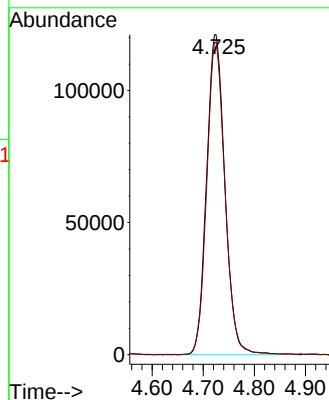
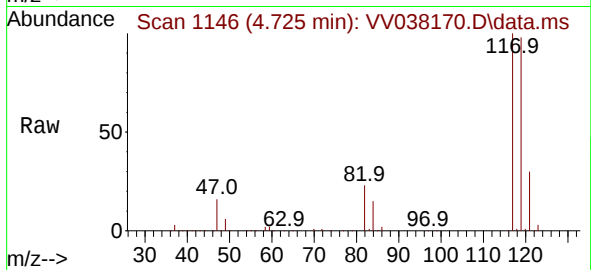
ClientSampleId :

Tgt Ion:117 Resp: 301795

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.2



#33

Benzene

Concen: 10.813 ug/L

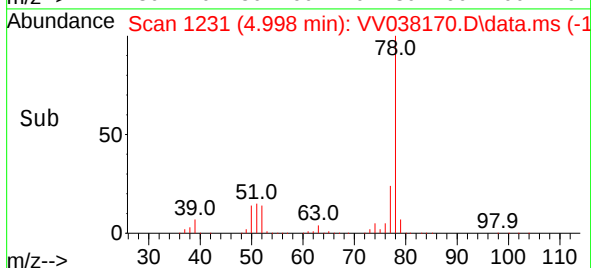
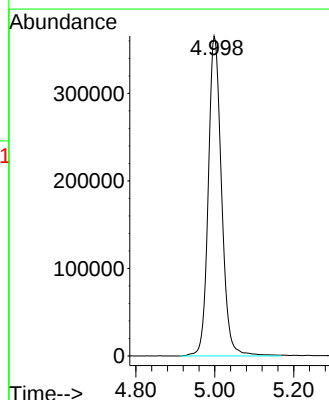
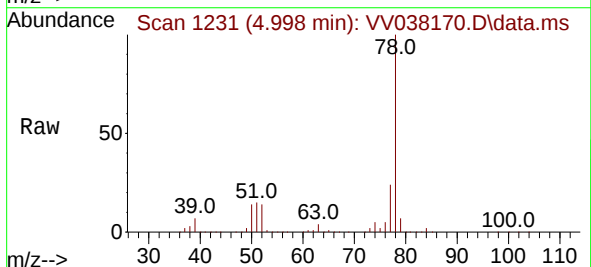
RT: 4.998 min Scan# 1231

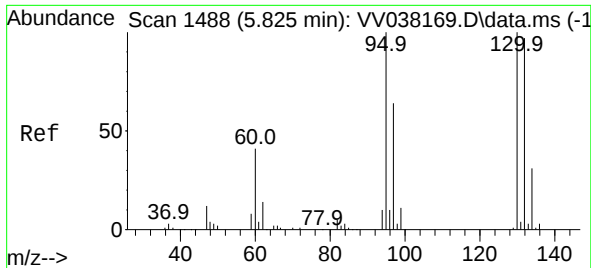
Delta R.T. -0.003 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

Tgt Ion: 78 Resp: 856190





#34

Trichloroethene

Concen: 10.155 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 219214

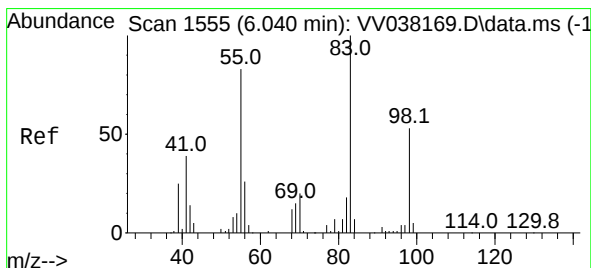
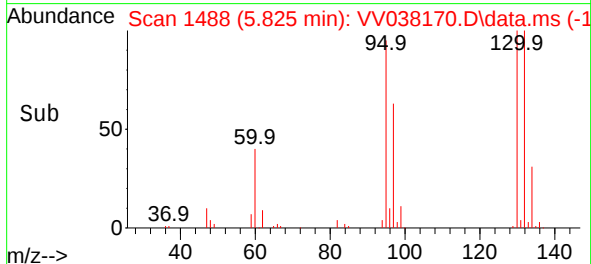
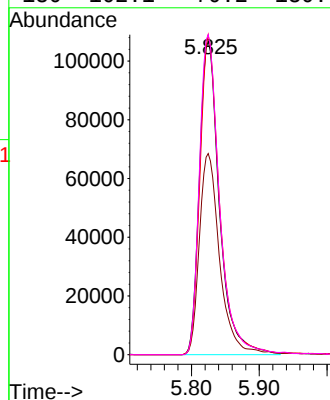
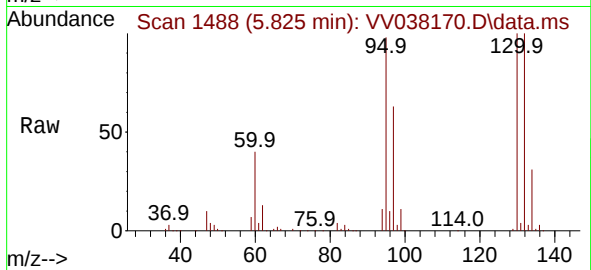
Ion Ratio Lower Upper

95 100

97 64.1 44.8 83.2

132 102.0 68.3 126.8

130 102.1 70.2 130.4



#35

Methylcyclohexane

Concen: 10.701 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

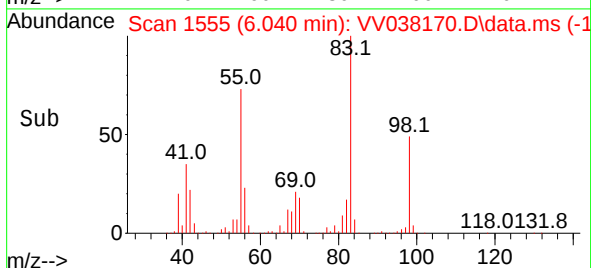
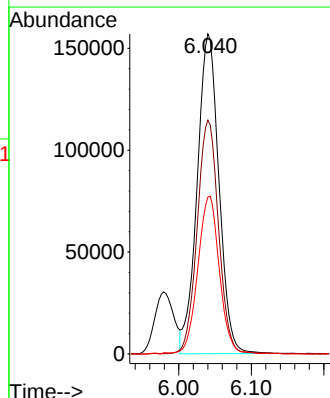
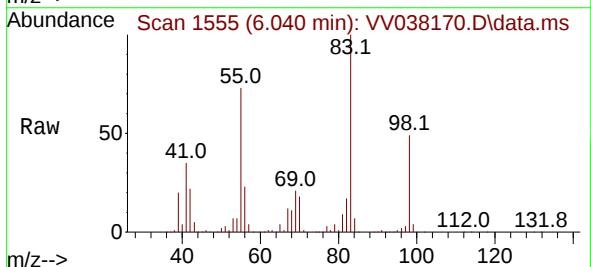
Tgt Ion: 83 Resp: 326775

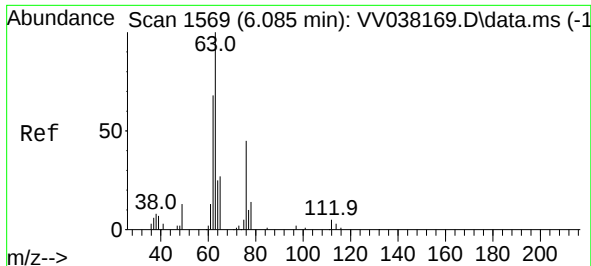
Ion Ratio Lower Upper

83 100

55 71.5 59.7 89.5

98 48.6 39.0 58.4

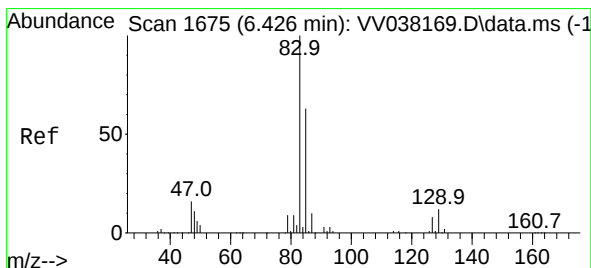
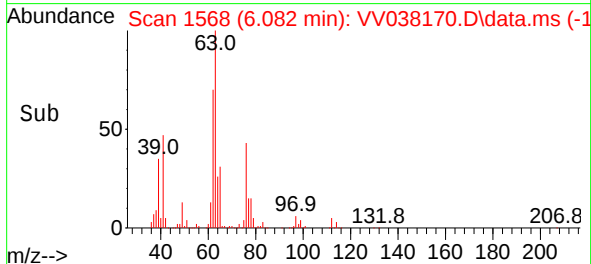
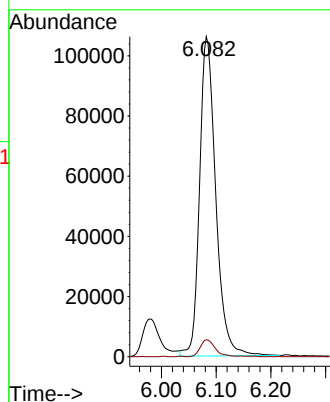
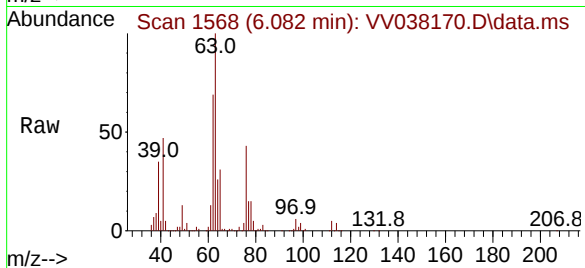




#37
1,2-Dichloropropane
Concen: 10.987 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

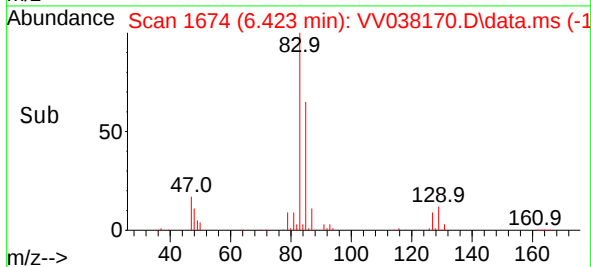
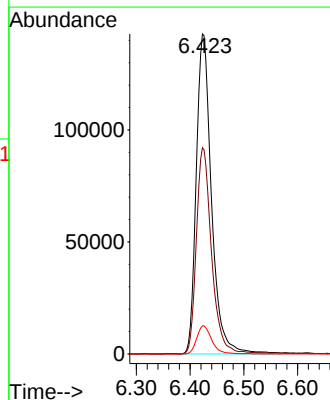
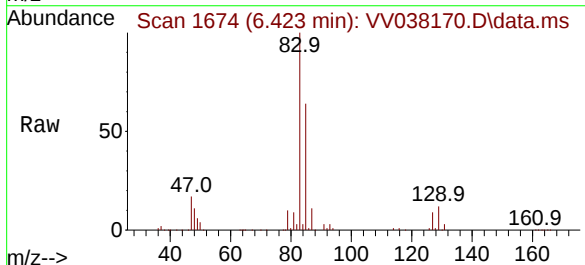
Instrument :
MSVOA_V
ClientSampleId :

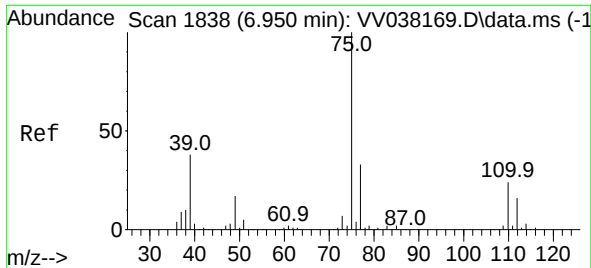
Tgt Ion: 63 Resp: 217930
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9



#38
Bromodichloromethane
Concen: 10.564 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Tgt Ion: 83 Resp: 281637
Ion Ratio Lower Upper
83 100
85 64.5 43.9 81.5
127 8.8 6.7 10.1

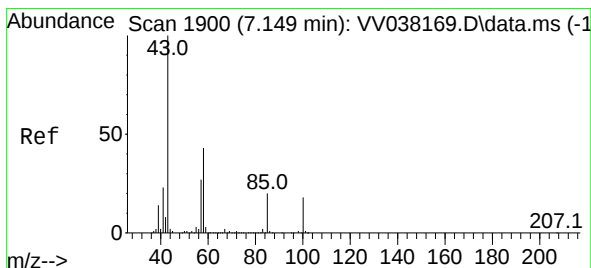
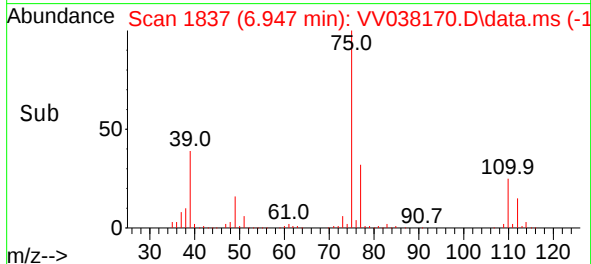
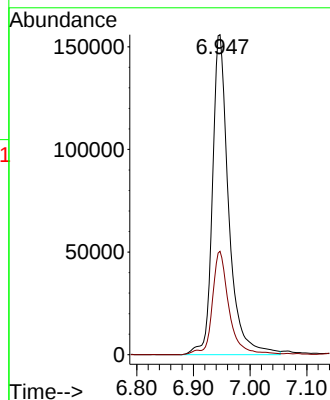
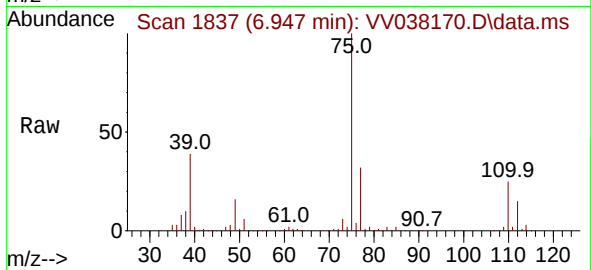




#39
 cis-1,3-Dichloropropene
 Concen: 11.587 ug/L
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.003 min
 Lab File: VV038170.D
 Acq: 19 Nov 2024 10:29

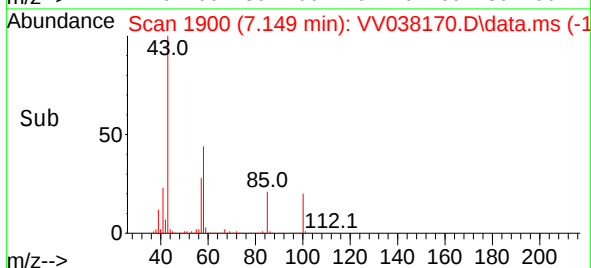
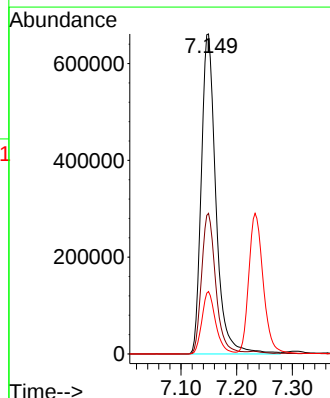
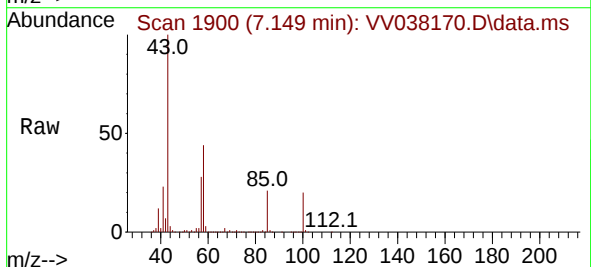
Instrument :
 MSVOA_V
 ClientSampleId :

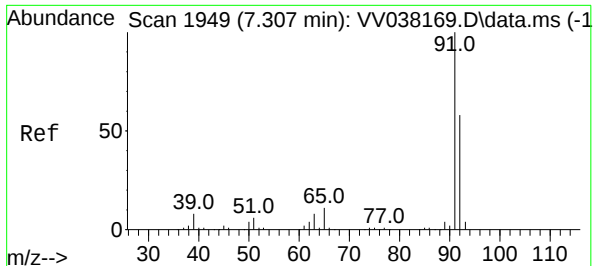
Tgt Ion: 75 Resp: 310751
 Ion Ratio Lower Upper
 75 100
 77 32.3 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 118.342 ug/L
 RT: 7.149 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VV038170.D
 Acq: 19 Nov 2024 10:29

Tgt Ion: 43 Resp: 1208017
 Ion Ratio Lower Upper
 43 100
 58 42.8 33.4 50.2
 100 18.4 14.3 21.5





#42

Toluene

Concen: 10.849 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

Instrument :

MSVOA_V

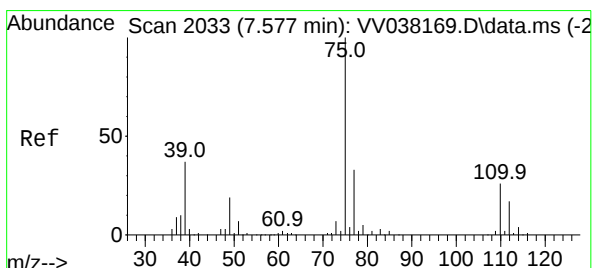
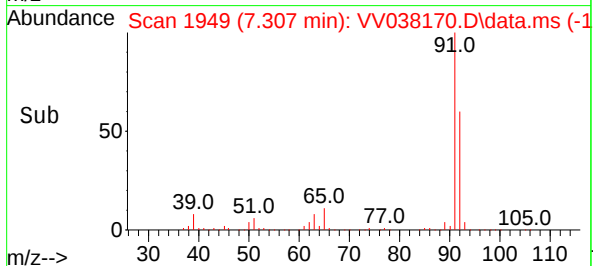
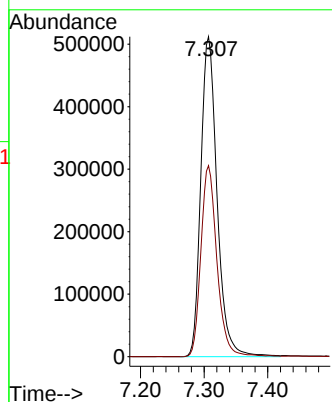
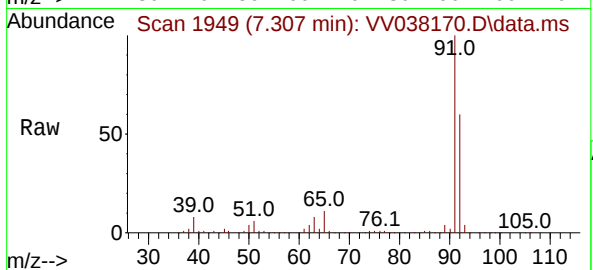
ClientSampleId :

Tgt Ion: 91 Resp: 909807

Ion Ratio Lower Upper

91 100

92 59.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 11.801 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV038170.D

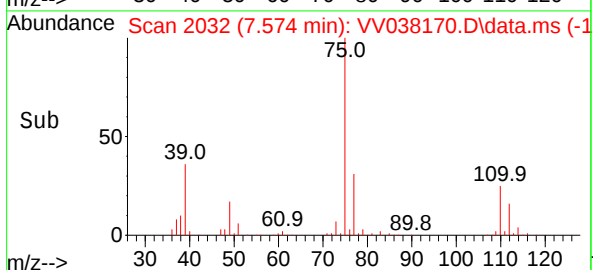
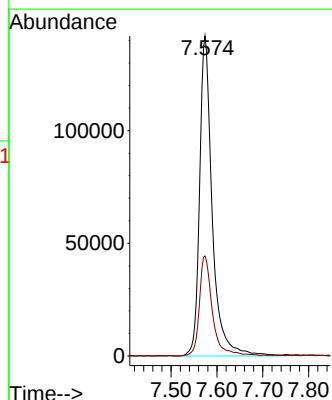
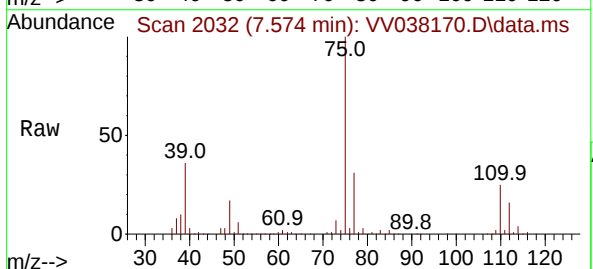
Acq: 19 Nov 2024 10:29

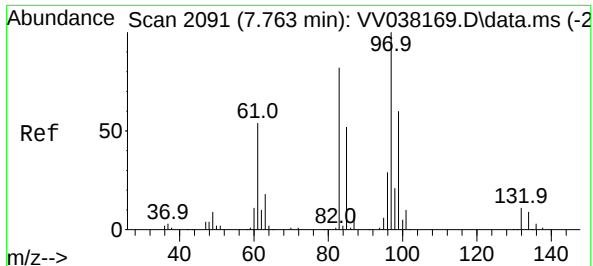
Tgt Ion: 75 Resp: 271795

Ion Ratio Lower Upper

75 100

77 31.3 23.4 43.4



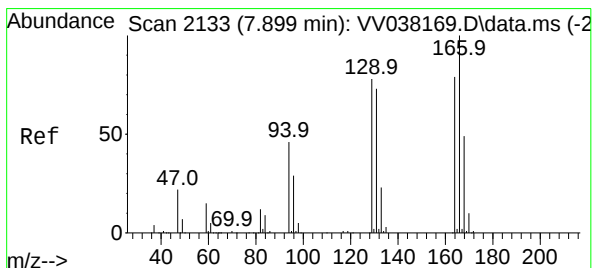
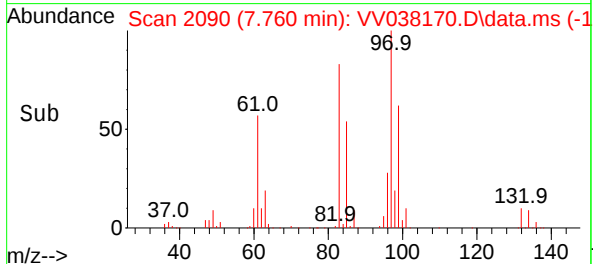
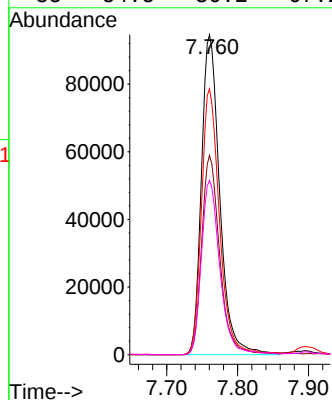
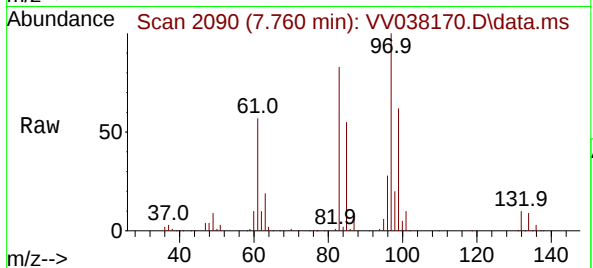


#45
1,1,2-Trichloroethane
Concen: 10.559 ug/L
RT: 7.760 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 169850

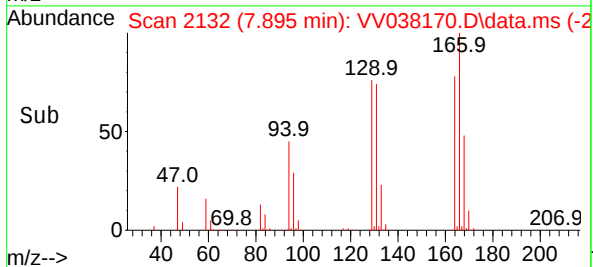
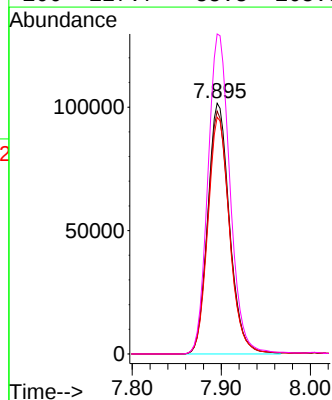
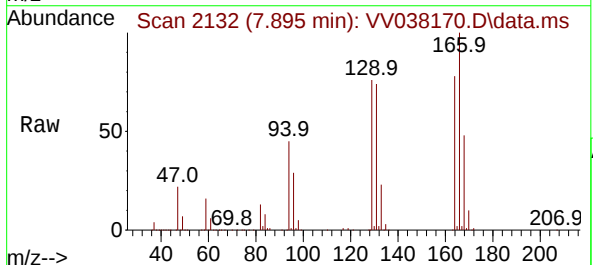
Ion	Ratio	Lower	Upper
97	100		
99	62.3	41.9	77.7
83	83.1	57.7	107.1
85	54.5	36.2	67.2

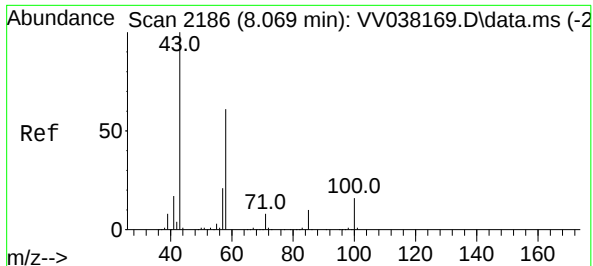


#47
Tetrachloroethene
Concen: 9.947 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Tgt Ion: 164 Resp: 172544

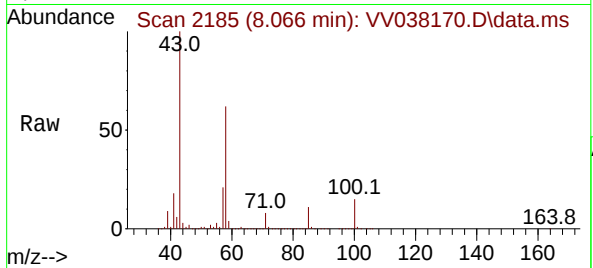
Ion	Ratio	Lower	Upper
164	100		
129	96.9	68.5	127.1
131	94.5	64.8	120.4
166	127.7	88.3	163.9



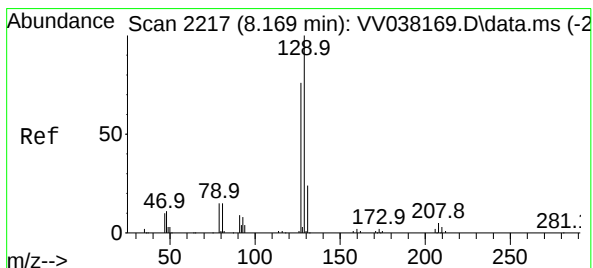
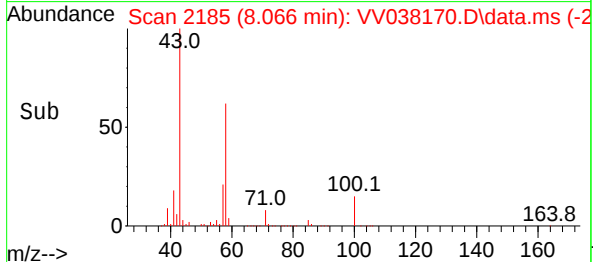
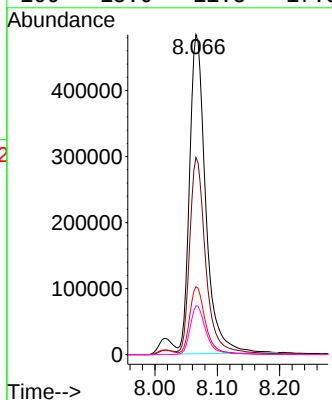


#48
2-Hexanone
Concen: 123.316 ug/L
RT: 8.066 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Instrument :
MSVOA_V
ClientSampleId :

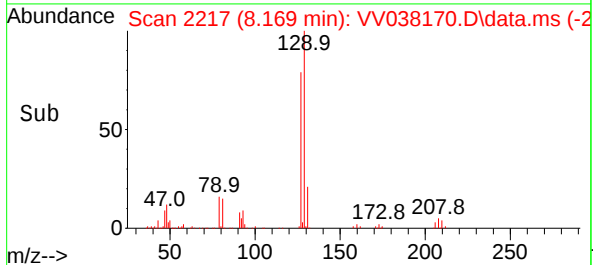
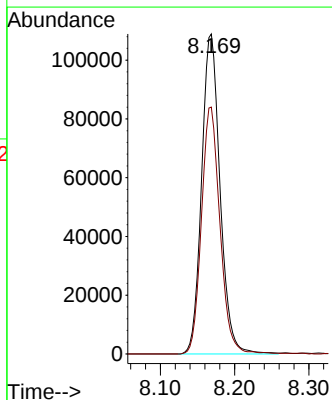
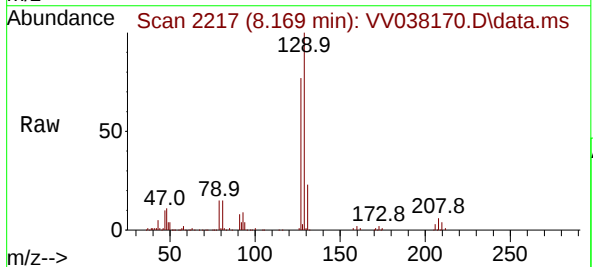


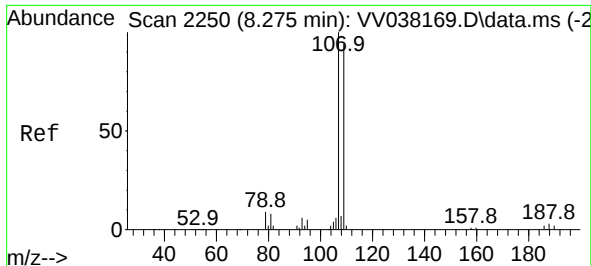
Tgt Ion: 43 Resp: 868811
Ion Ratio Lower Upper
43 100
58 61.5 49.2 73.8
57 21.0 16.9 25.3
100 15.0 11.8 17.8



#49
Dibromochloromethane
Concen: 10.716 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Tgt Ion:129 Resp: 187945
Ion Ratio Lower Upper
129 100
127 77.2 53.5 99.3

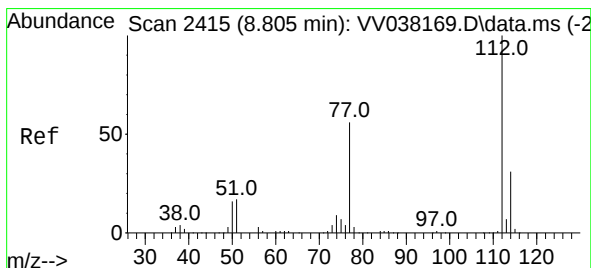
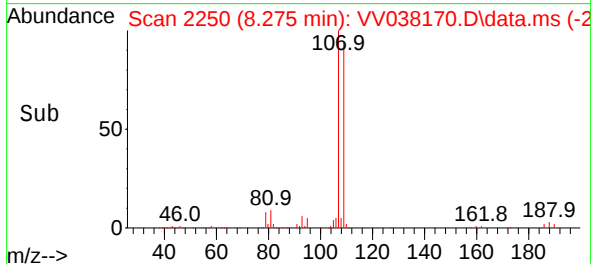
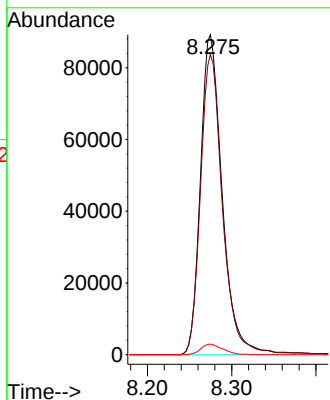
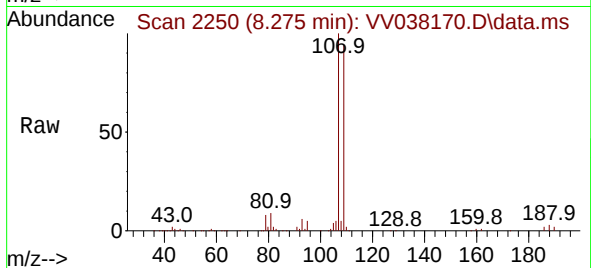




#50
1,2-Dibromoethane
Concen: 10.731 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

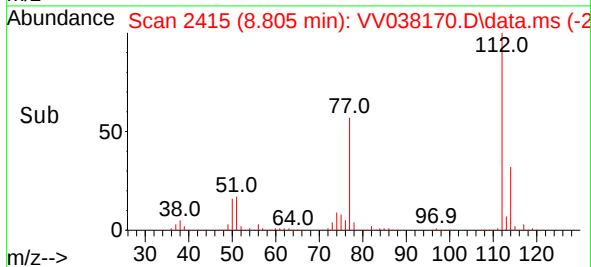
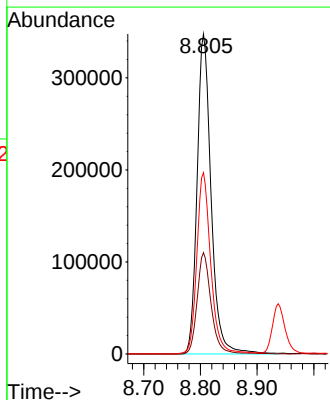
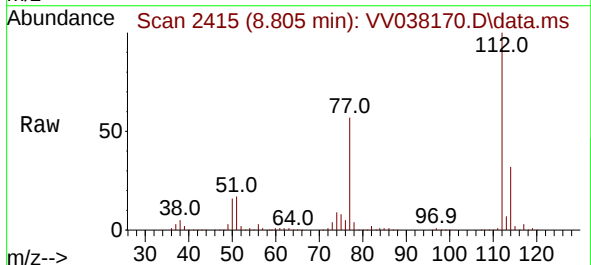
Instrument :
MSVOA_V
ClientSampleId :

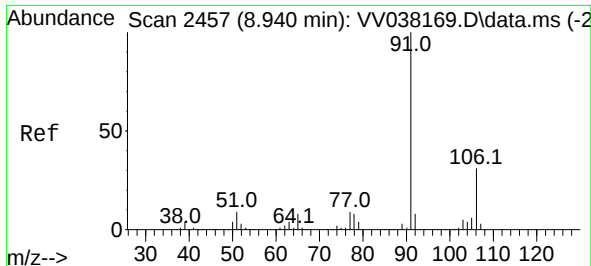
Tgt Ion:107 Resp: 160027
Ion Ratio Lower Upper
107 100
109 93.9 66.1 122.7
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 10.321 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Tgt Ion:112 Resp: 596378
Ion Ratio Lower Upper
112 100
114 31.6 22.0 40.8
77 56.6 45.0 67.4





#52

Ethylbenzene

Concen: 10.899 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

Instrument :

MSVOA_V

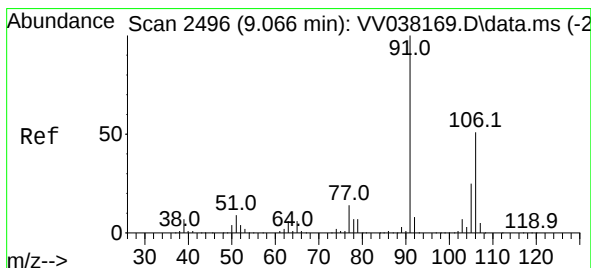
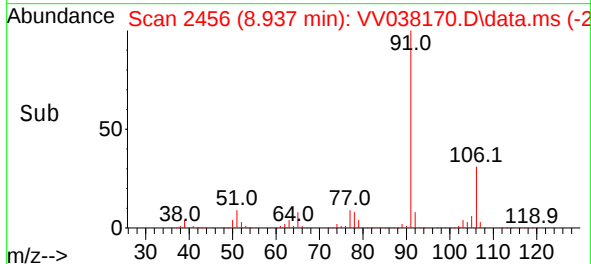
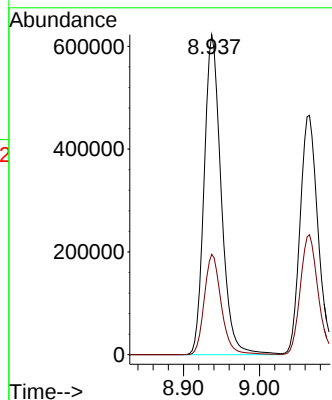
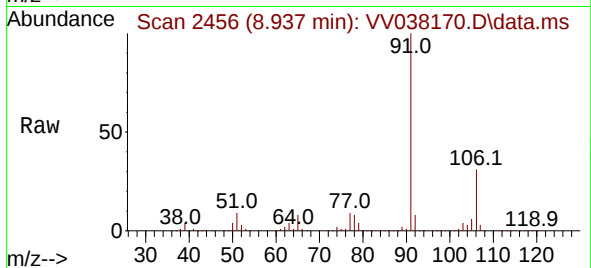
ClientSampleId :

Tgt Ion: 91 Resp: 969665

Ion Ratio Lower Upper

91 100

106 31.4 21.8 40.4



#53

m,p-Xylene

Concen: 11.364 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV038170.D

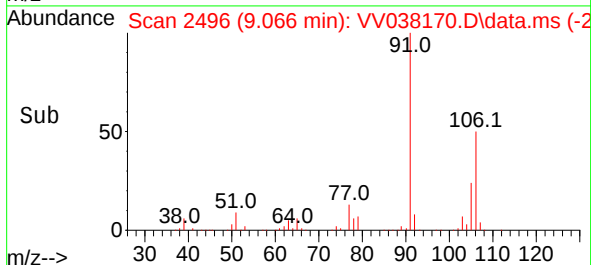
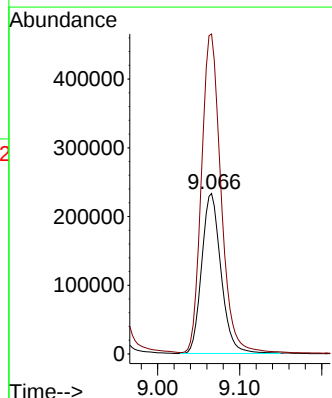
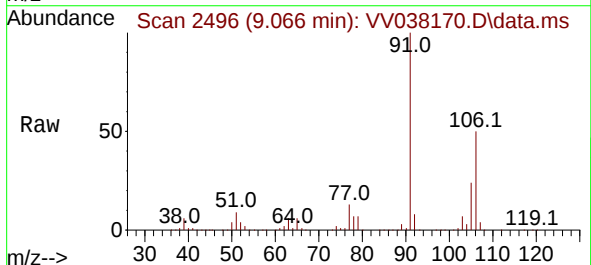
Acq: 19 Nov 2024 10:29

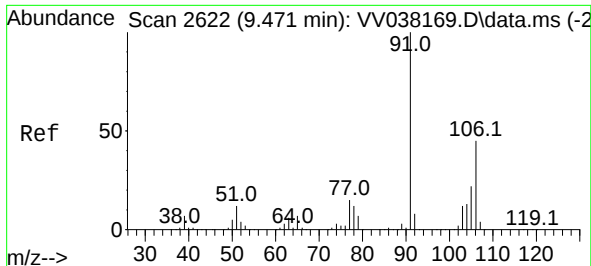
Tgt Ion:106 Resp: 381544

Ion Ratio Lower Upper

106 100

91 199.5 138.7 257.5

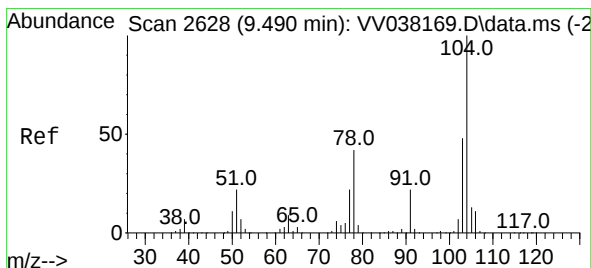
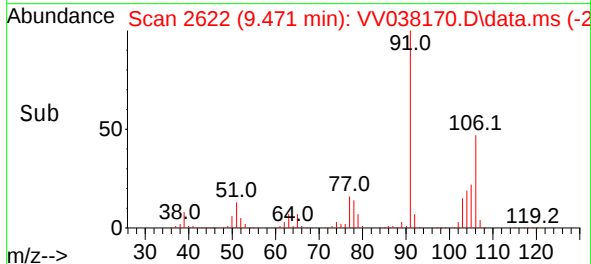
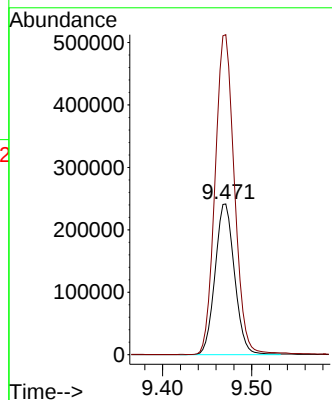
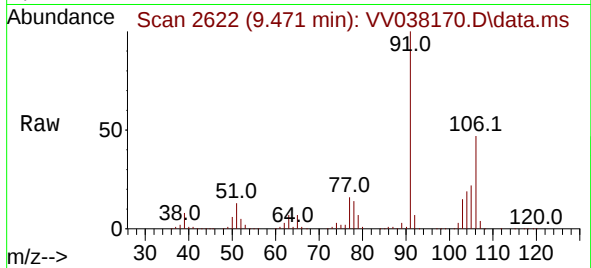




#54
o-Xylene
Concen: 11.221 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

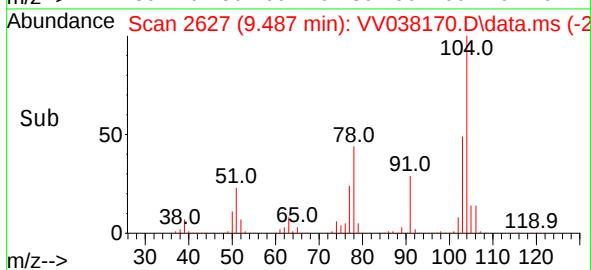
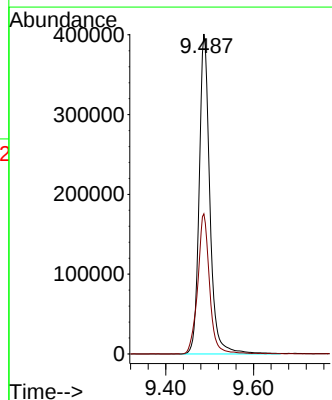
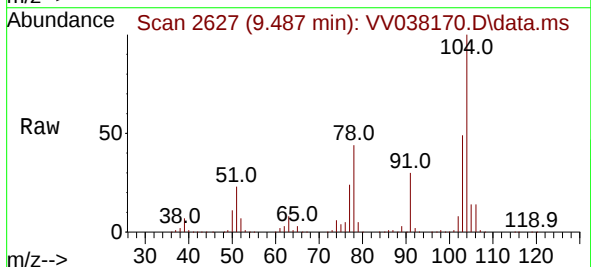
Instrument :
MSVOA_V
ClientSampleId :

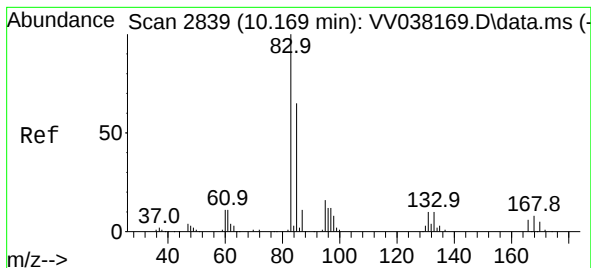
Tgt Ion:106 Resp: 366748
Ion Ratio Lower Upper
106 100
91 212.4 155.5 288.7



#55
Styrene
Concen: 11.926 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.003 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Tgt Ion:104 Resp: 678039
Ion Ratio Lower Upper
104 100
78 43.8 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 10.500 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. 0.000 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

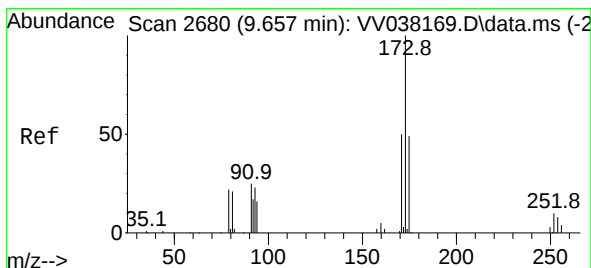
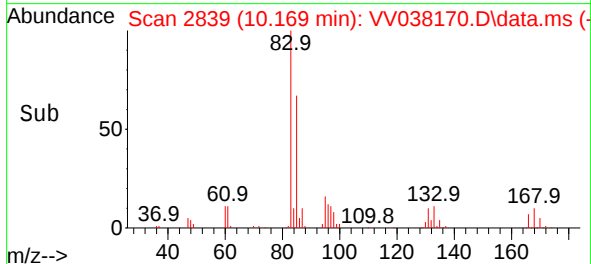
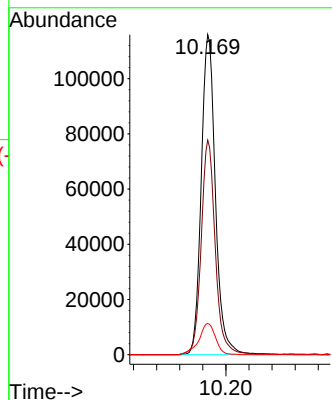
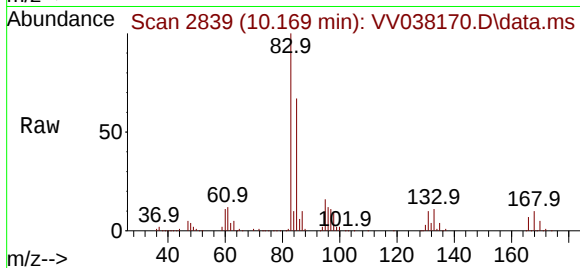
Tgt Ion: 83 Resp: 197492

Ion Ratio Lower Upper

83 100

85 67.0 45.7 84.9

131 9.8 8.2 12.4



#59

Bromoform

Concen: 10.596 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. 0.000 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

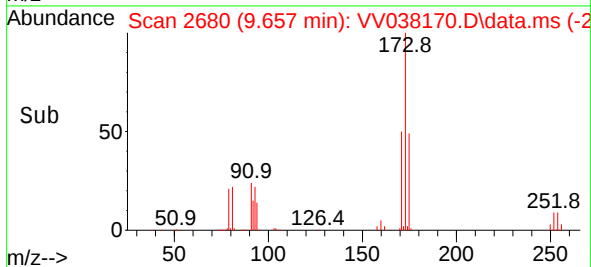
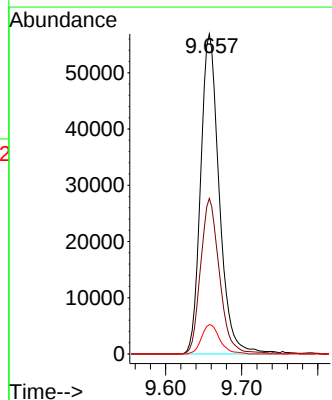
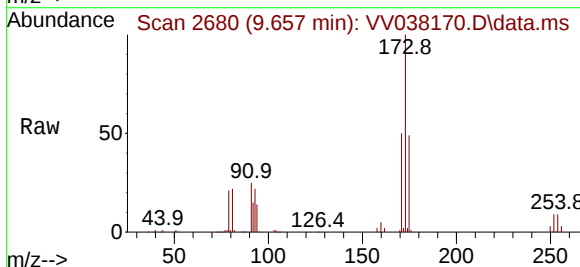
Tgt Ion: 173 Resp: 96755

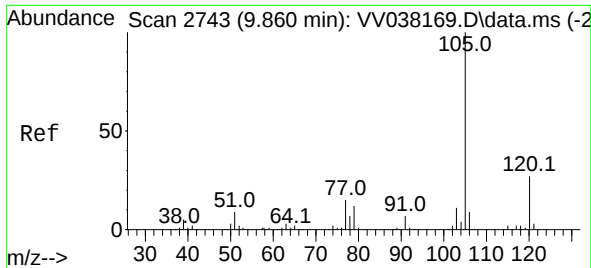
Ion Ratio Lower Upper

173 100

175 49.2 38.5 57.7

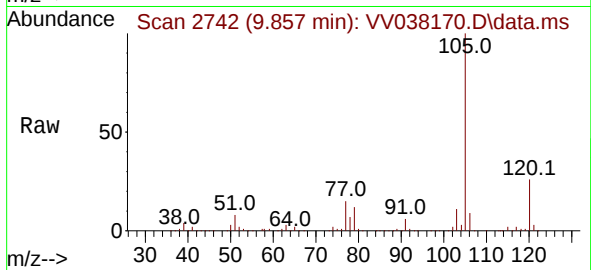
254 9.0 6.9 10.3



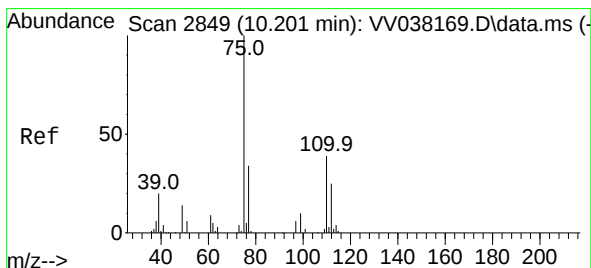
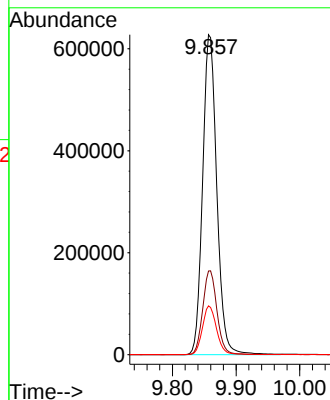
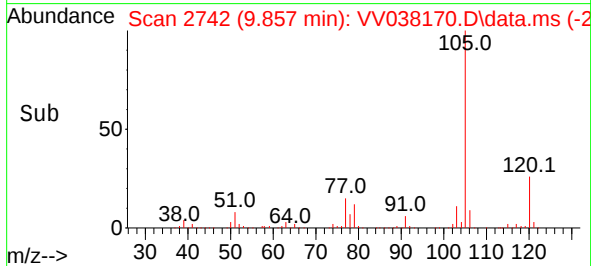


#60
Isopropylbenzene
Concen: 10.727 ug/L
RT: 9.857 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

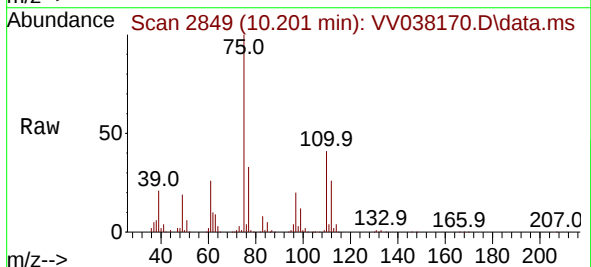
Instrument :
MSVOA_V
ClientSampleId :



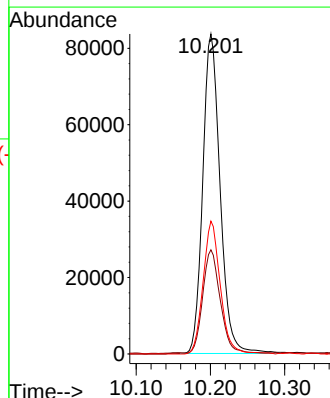
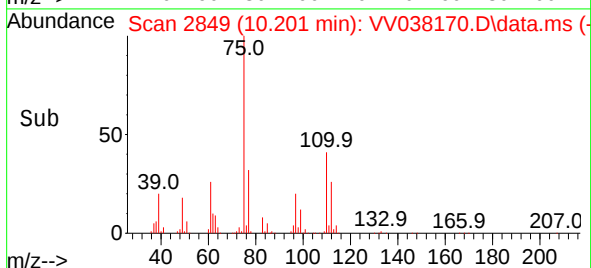
Tgt Ion:105 Resp: 969393
Ion Ratio Lower Upper
105 100
120 26.4 20.8 31.2
77 15.2 12.2 18.2

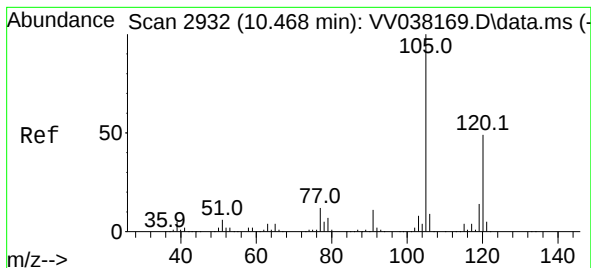


#61
1,2,3-Trichloropropane
Concen: 10.101 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29



Tgt Ion: 75 Resp: 135687
Ion Ratio Lower Upper
75 100
77 32.5 26.4 39.6
110 41.3 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 10.888 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

Instrument :

MSVOA_V

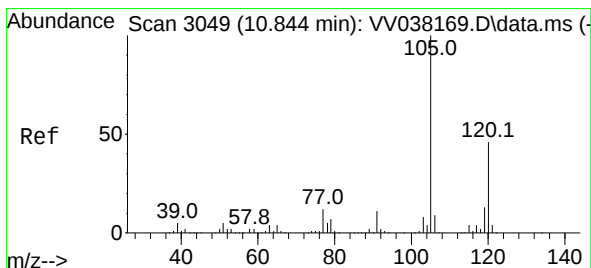
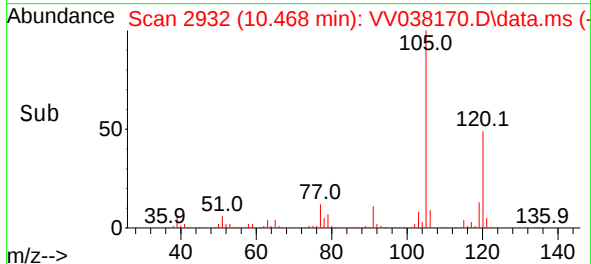
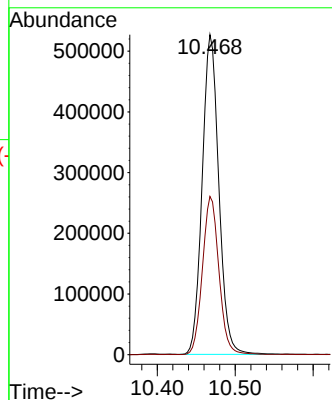
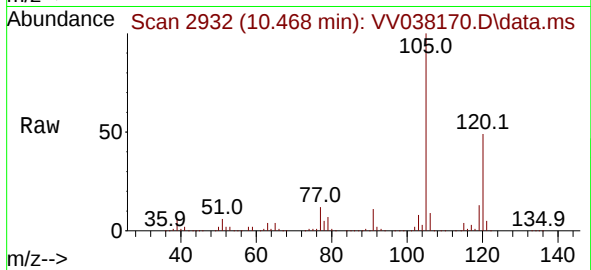
ClientSampleId :

Tgt Ion:105 Resp: 780839

Ion Ratio Lower Upper

105 100

120 48.9 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 11.302 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV038170.D

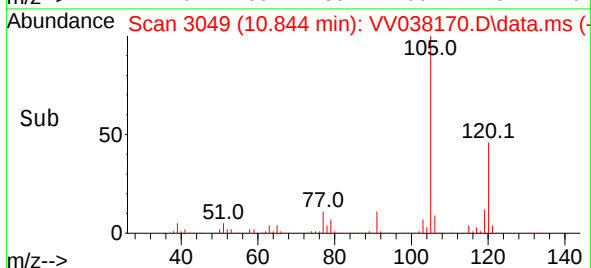
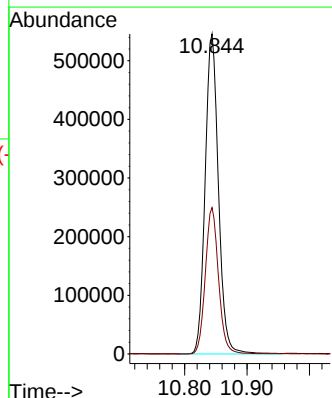
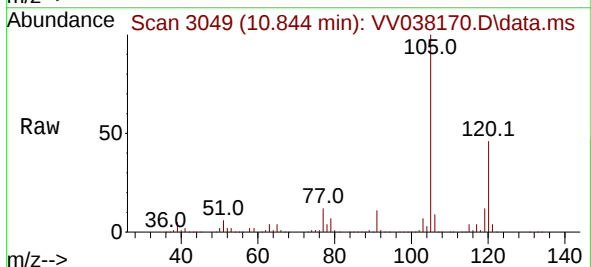
Acq: 19 Nov 2024 10:29

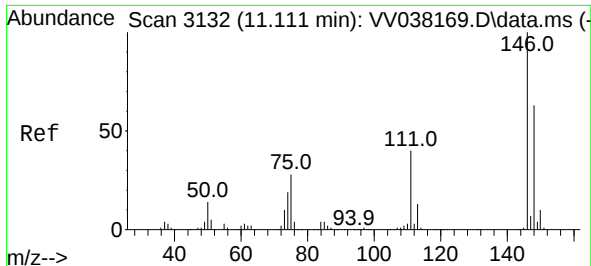
Tgt Ion:105 Resp: 808242

Ion Ratio Lower Upper

105 100

120 45.5 37.0 55.4

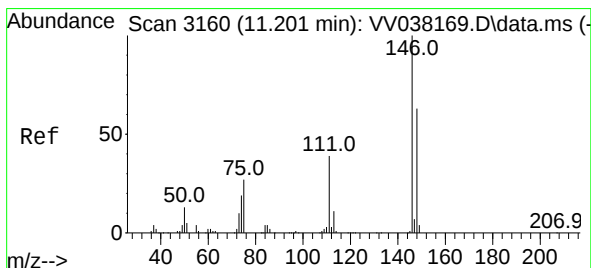
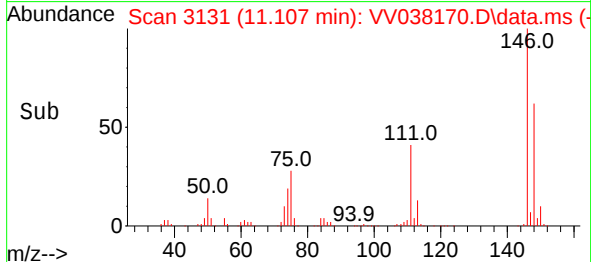
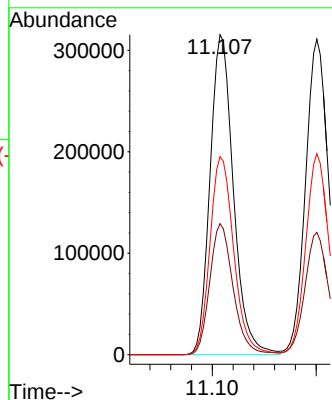
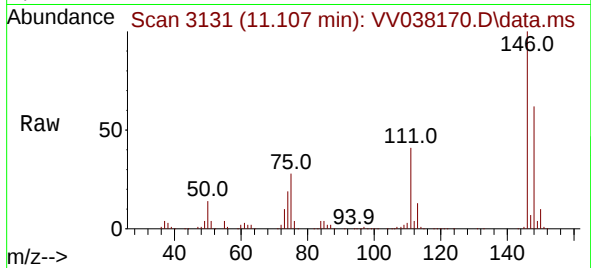




#64
1,3-Dichlorobenzene
Concen: 10.157 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. -0.003 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

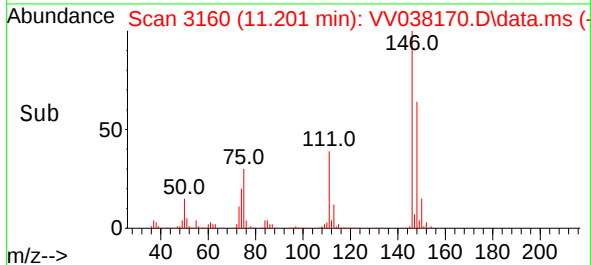
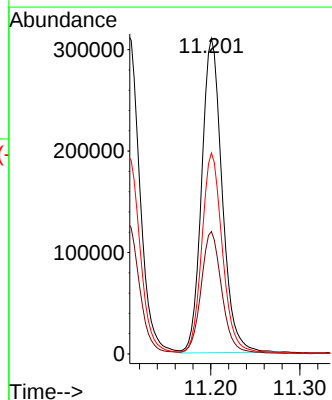
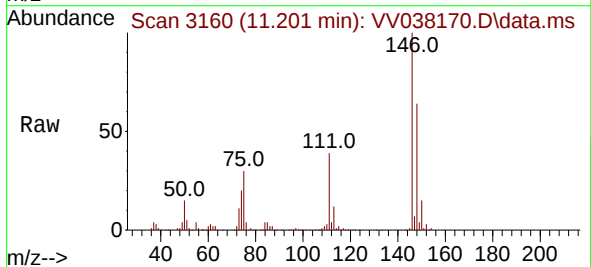
Instrument :
MSVOA_V
ClientSampleId :

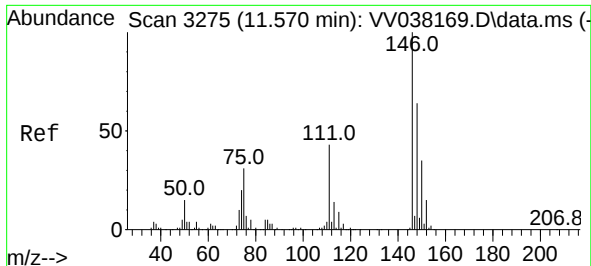
Tgt Ion:146 Resp: 492834
Ion Ratio Lower Upper
146 100
111 40.9 28.2 52.4
148 61.9 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 10.082 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

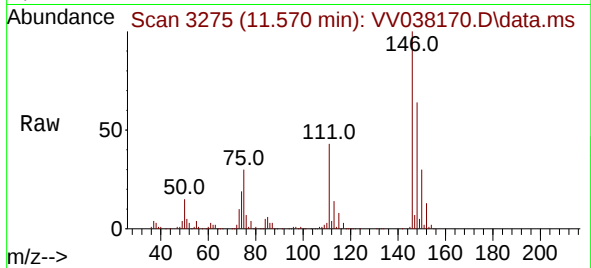
Tgt Ion:146 Resp: 494580
Ion Ratio Lower Upper
146 100
111 38.8 27.4 50.8
148 63.7 44.4 82.4



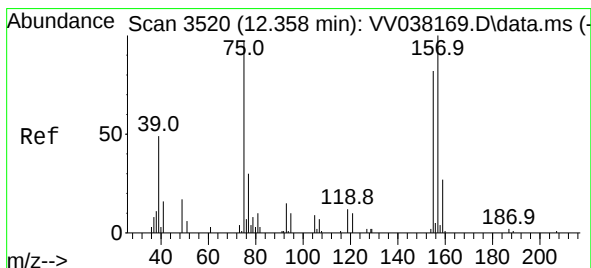
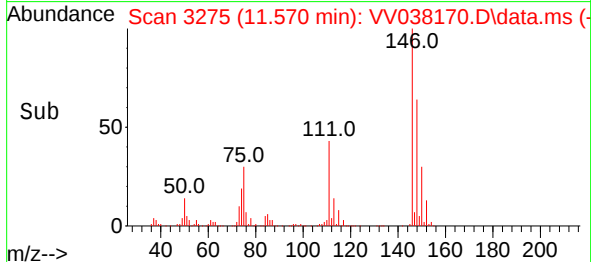
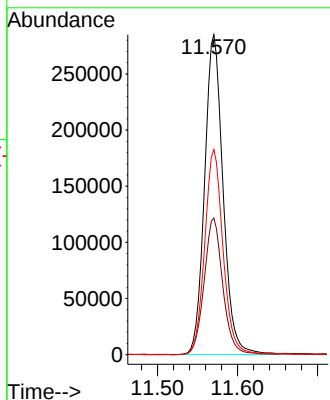


#67
1,2-Dichlorobenzene
Concen: 10.188 ug/L
RT: 11.570 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Instrument :
MSVOA_V
ClientSampleId :

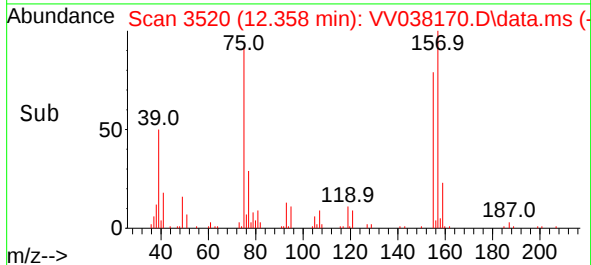
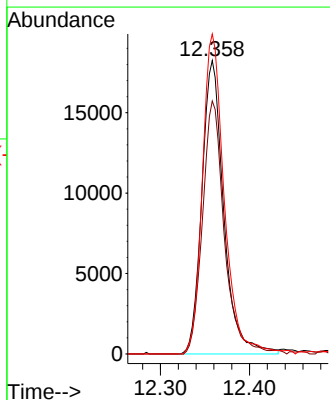
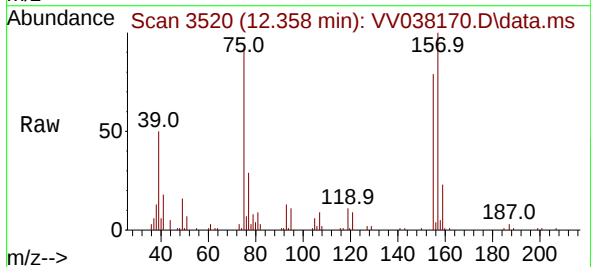


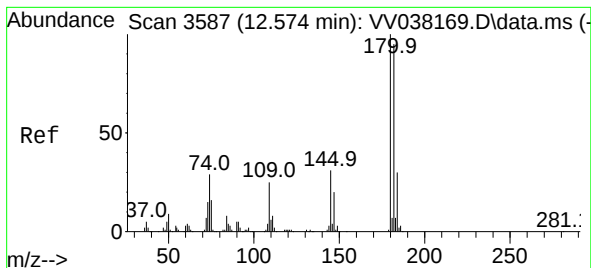
Tgt Ion:146 Resp: 457560
Ion Ratio Lower Upper
146 100
111 42.7 34.2 51.2
148 64.1 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 10.324 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. 0.000 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Tgt Ion: 75 Resp: 31132
Ion Ratio Lower Upper
75 100
155 86.3 67.5 101.3
157 109.1 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 9.849 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

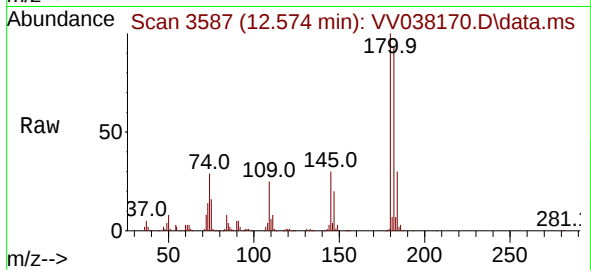
Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 338539

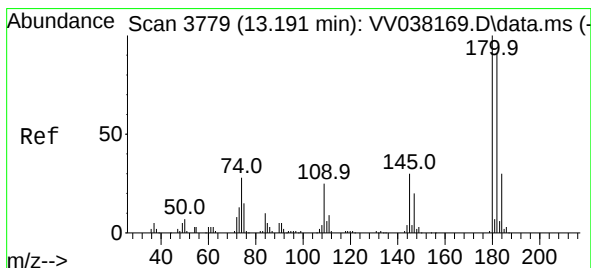
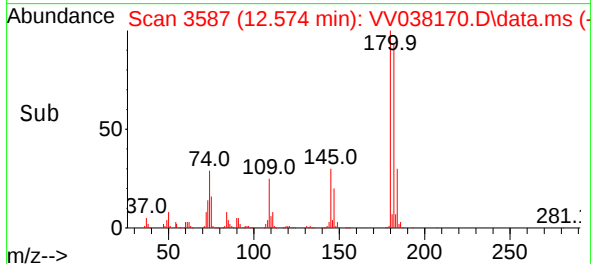
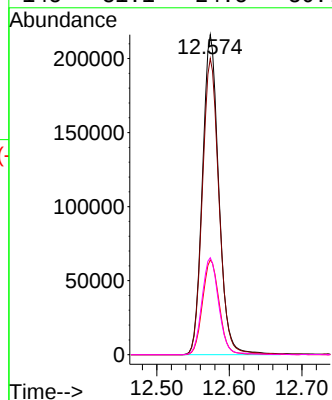
Ion Ratio Lower Upper

180 100

182 94.4 76.0 114.0

184 30.1 23.7 35.5

145 31.1 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 10.398 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038170.D

Acq: 19 Nov 2024 10:29

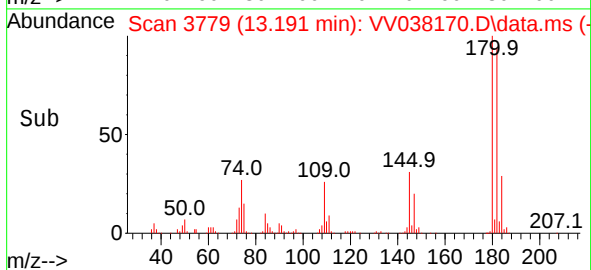
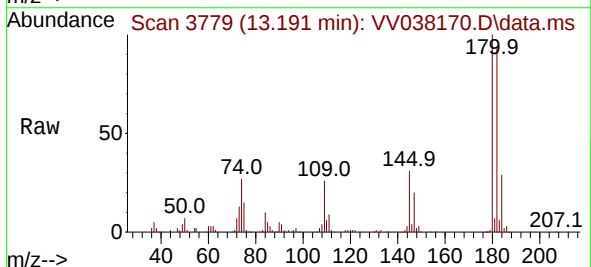
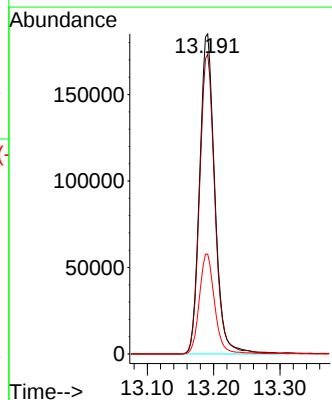
Tgt Ion:180 Resp: 295453

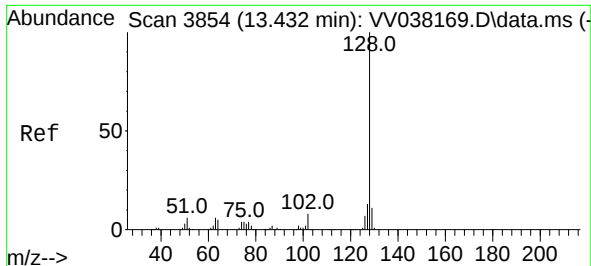
Ion Ratio Lower Upper

180 100

182 94.4 73.8 110.8

145 31.4 24.6 37.0

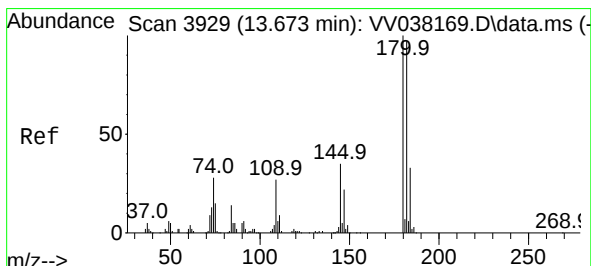
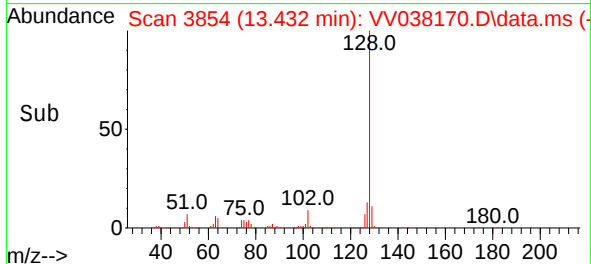
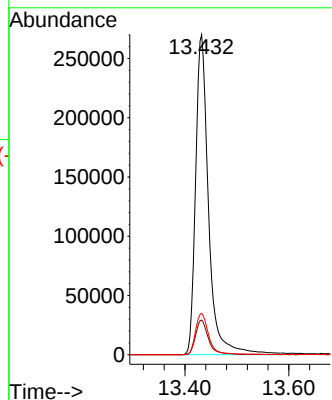
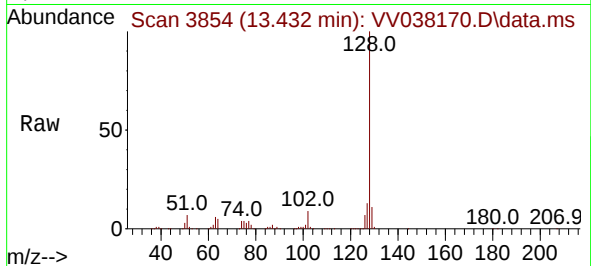




#71
Naphthalene
Concen: 10.589 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.000 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 468064
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.9 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 10.606 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. -0.003 min
Lab File: VV038170.D
Acq: 19 Nov 2024 10:29

Tgt Ion:180 Resp: 278450
Ion Ratio Lower Upper
180 100
182 93.0 75.1 112.7
145 33.1 27.0 40.4

