

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024246.D
 Acq On : 30 Dec 2021 20:41
 Operator : SY/MD
 Sample : VSTD20073
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 31 05:03:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 05:01:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	256528	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	247532	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	149641	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	352890	191.144	ug/L	0.00
7) Chloroethane-d5	1.565	69	261400	186.384	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	676706	196.120	ug/L	0.00
21) 2-Butanone-d5	3.880	46	428704	414.706	ug/L	0.00
24) Chloroform-d	4.346	84	663930	196.766	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	437966	193.866	ug/L	0.00
32) Benzene-d6	5.047	84	1259631	195.004	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	350120	193.403	ug/L	0.00
41) Toluene-d8	7.314	98	1253000	200.344	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	215264	206.502	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	368466	468.485	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	518635	200.472	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	569192	190.830	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	405623	195.994	ug/L	99
3) Chloromethane	1.240	50	330903	190.311	ug/L	97
5) Vinyl chloride	1.311	62	366149	199.020	ug/L	98
6) Bromomethane	1.520	94	224872	214.498	ug/L	98
8) Chloroethane	1.581	64	221382	194.952	ug/L	97
9) Trichlorofluoromethane	1.748	101	662895	200.453	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	322188	199.351	ug/L	99
12) 1,1-Dichloroethene	2.114	96	313334	200.527	ug/L	87
13) Acetone	2.175	43	380365	394.174	ug/L	98
14) Carbon disulfide	2.291	76	911448	200.894	ug/L	99
15) Methyl Acetate	2.429	43	305568	206.872	ug/L	99
16) Methylene chloride	2.503	84	330844	194.429	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	325478	202.142	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	1047089	211.002	ug/L	99
19) 1,1-Dichloroethane	3.185	63	538737	201.725	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	356182	207.127	ug/L	99
22) 2-Butanone	3.960	43	462757	429.259	ug/L	99
23) Bromochloromethane	4.243	128	197108	198.927	ug/L	96
25) Chloroform	4.371	83	611924	195.972	ug/L	98
27) 1,2-Dichloroethane	5.127	62	509839	200.745	ug/L	99
29) Cyclohexane	4.677	56	476590	215.387	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	606715	199.207	ug/L	99
31) Carbon tetrachloride	4.825	117	563501	199.431	ug/L	100
33) Benzene	5.098	78	1284807	204.129	ug/L	100
34) Trichloroethene	5.912	95	349271	201.231	ug/L	99
35) Methylcyclohexane	6.130	83	553943	215.197	ug/L	100
37) 1,2-Dichloropropane	6.172	63	296930	200.572	ug/L	99
38) Bromodichloromethane	6.506	83	473187	203.687	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	547436	219.979	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	838042	434.115	ug/L	99
42) Toluene	7.387	91	1459467	206.569	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	555334	219.984	ug/L	99

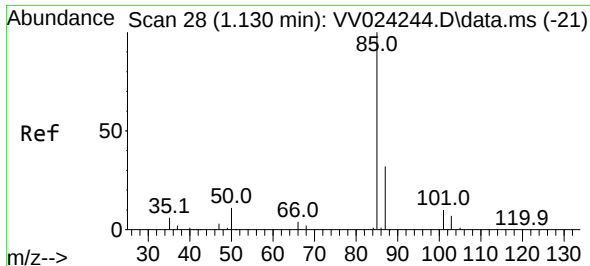
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV123121\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 05:01:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	327976	197.619	ug/L	98
46) Tetrachloroethene	7.976	164	320809	203.072	ug/L	99
48) 2-Hexanone	8.140	43	677994	437.265	ug/L	99
49) Dibromochloromethane	8.246	129	429478	206.447	ug/L	99
50) 1,2-Dibromoethane	8.349	107	363052	203.666	ug/L	99
51) Chlorobenzene	8.879	112	964120	202.598	ug/L	98
52) Ethylbenzene	9.011	91	1618043	214.368	ug/L	99
53) m,p-Xylene	9.137	106	651342	215.285	ug/L	98
54) o-Xylene	9.545	106	633735	219.430	ug/L	97
55) Styrene	9.561	104	1113420	221.998	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	501179	206.808	ug/L	98
59) Bromoform	9.728	173	338218	198.215	ug/L	100
60) Isopropylbenzene	9.931	105	1695884	204.806	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	414559	188.666	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	1522623	213.769	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	1531059	215.311	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	869731	203.709	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	879090	199.657	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	871857	198.140	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	133759	211.376	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	694250	211.403	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	614312	218.726	ug/L	99
71) Naphthalene	13.500	128	1826253	224.748	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	607389	209.246	ug/L	100

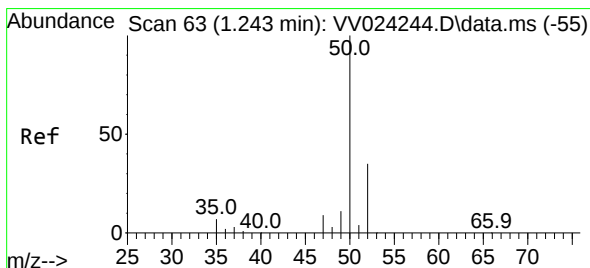
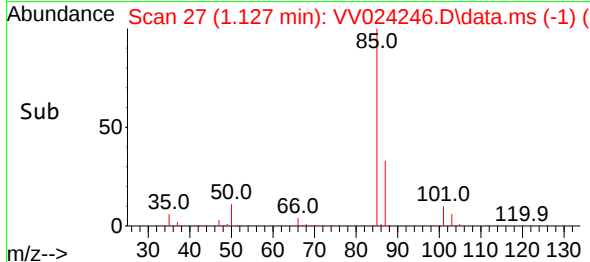
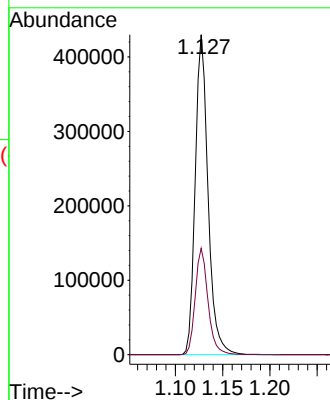
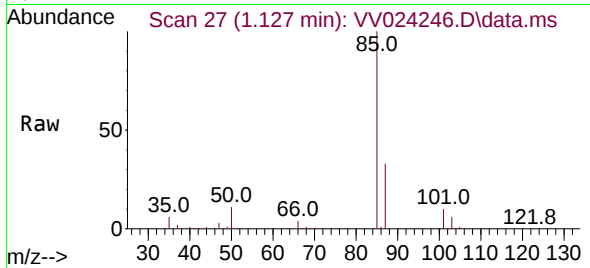
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 195.994 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV024246.D
 Acq: 30 Dec 2021 20:41

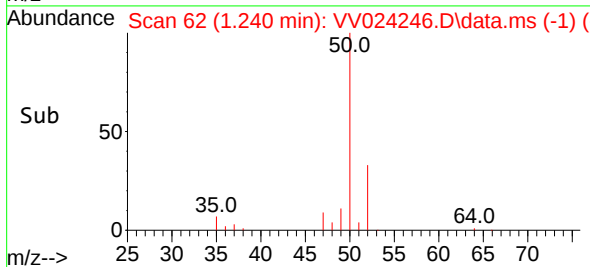
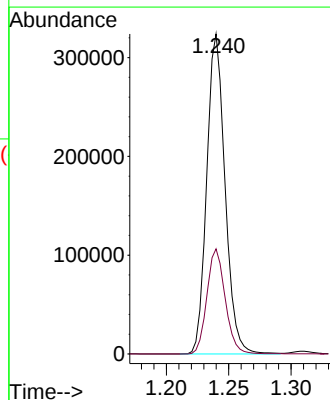
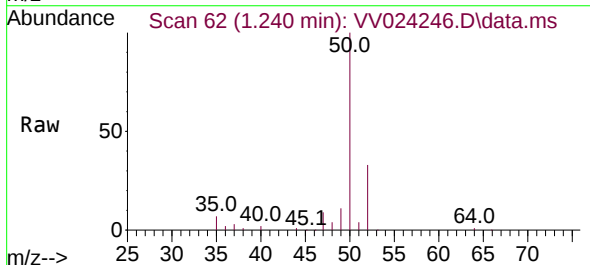
Instrument :
 MSVOA_V
 ClientSampleId :

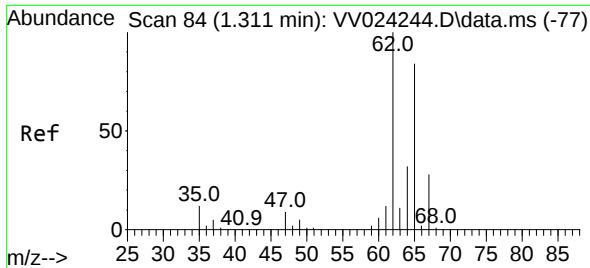
Tgt Ion: 85 Resp: 405623
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.8



#3
 Chloromethane
 Concen: 190.311 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024246.D
 Acq: 30 Dec 2021 20:41

Tgt Ion: 50 Resp: 330903
 Ion Ratio Lower Upper
 50 100
 52 32.8 24.1 44.7

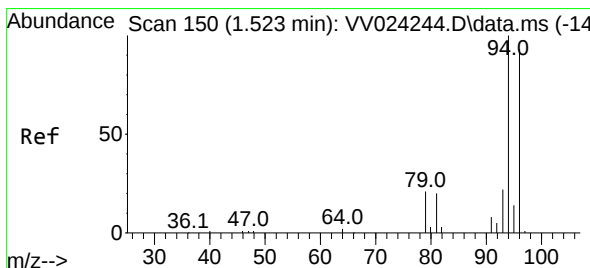
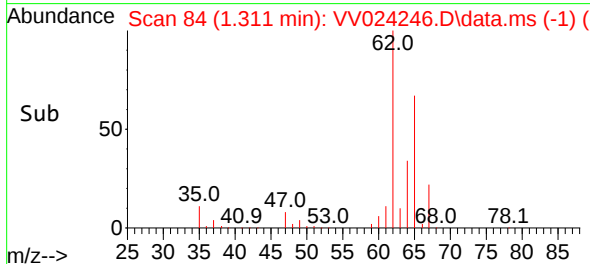
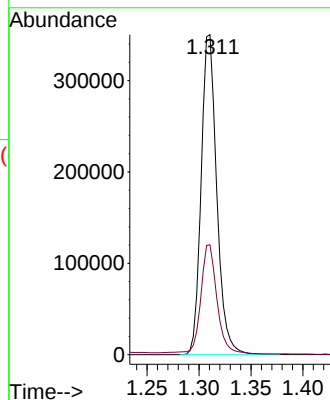
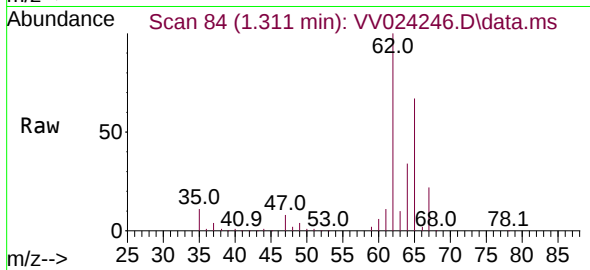




#5
 Vinyl chloride
 Concen: 199.020 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024246.D
 Acq: 30 Dec 2021 20:41

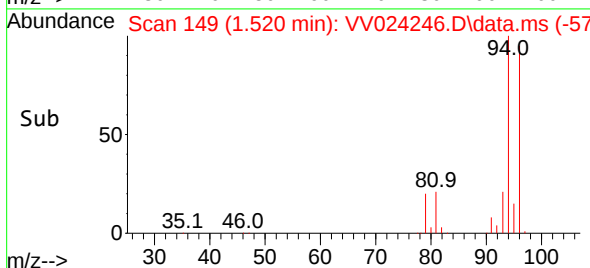
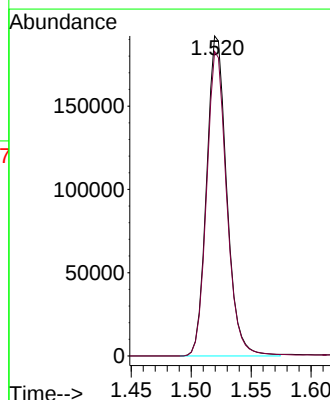
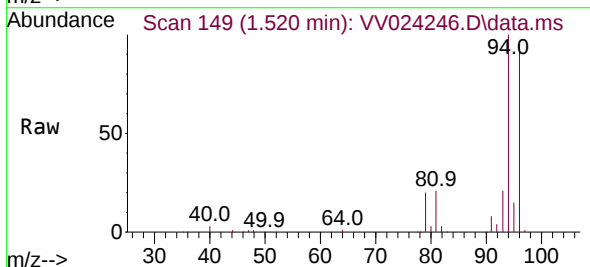
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 ClientSampleId :

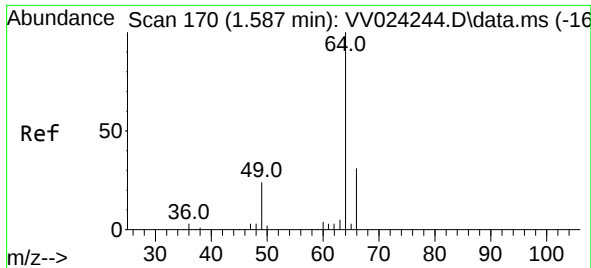
Tgt Ion: 62 Resp: 366149
 Ion Ratio Lower Upper
 62 100
 64 34.3 25.0 46.4



#6
 Bromomethane
 Concen: 214.498 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV024246.D
 Acq: 30 Dec 2021 20:41

Tgt Ion: 94 Resp: 224872
 Ion Ratio Lower Upper
 94 100
 96 95.1 65.0 120.6

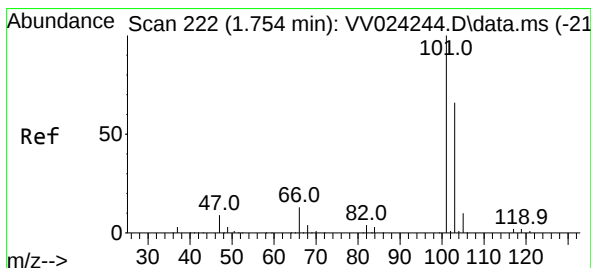
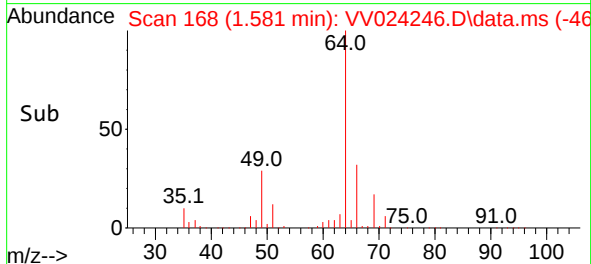
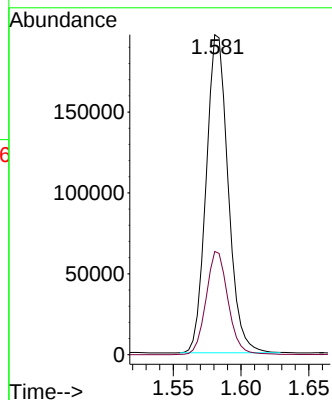
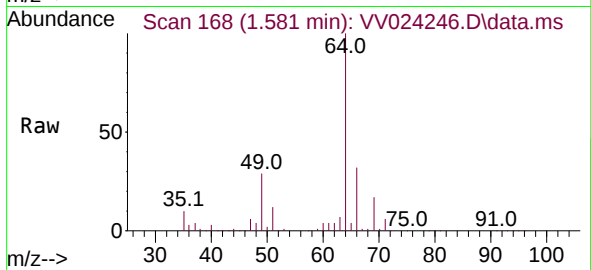




#8
Chloroethane
Concen: 194.952 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

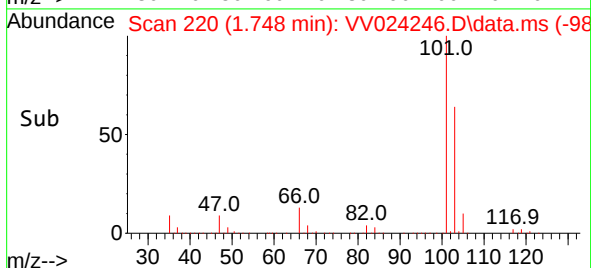
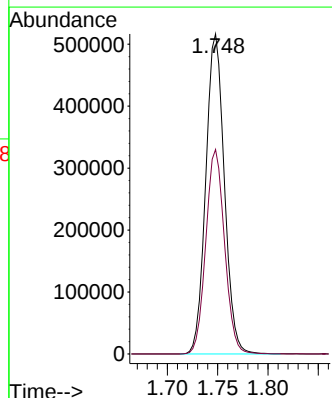
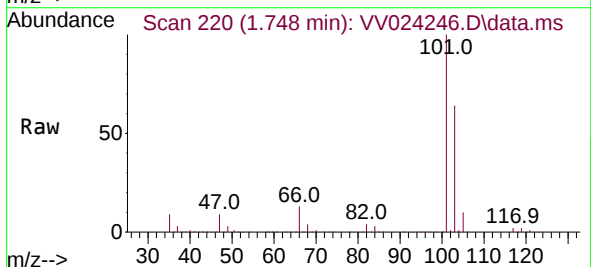
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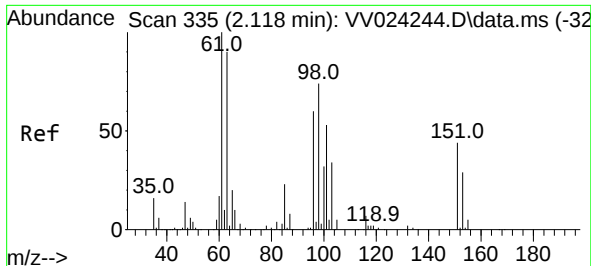
Tgt Ion: 64 Resp: 221382
Ion Ratio Lower Upper
64 100
66 32.3 21.4 39.8



#9
Trichlorofluoromethane
Concen: 200.453 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.006 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Tgt Ion:101 Resp: 662895
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

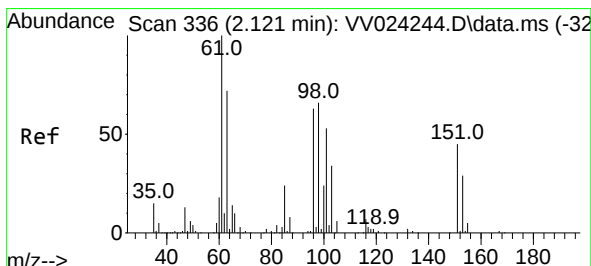
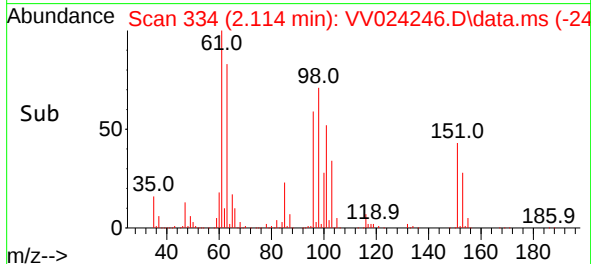
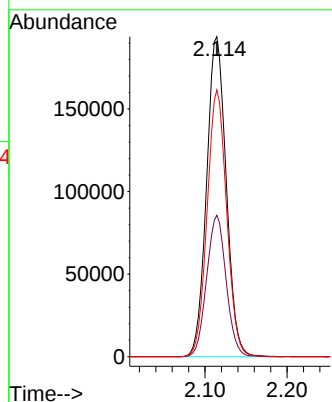
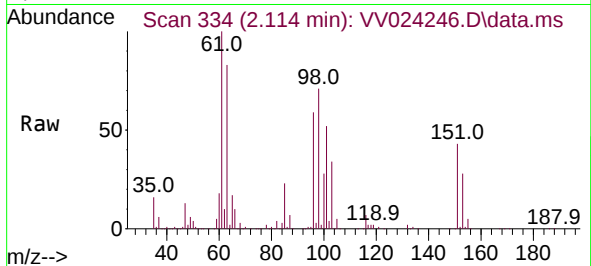




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 199.351 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

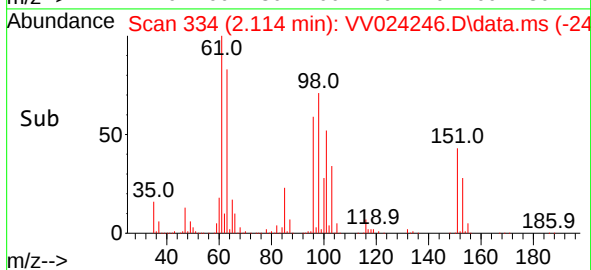
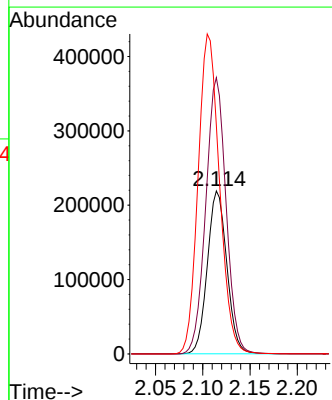
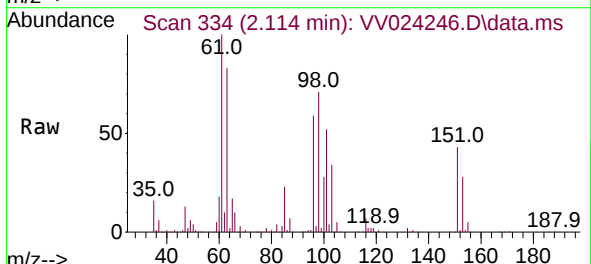
Instrument :
MSVOA_V
ClientSampleId :

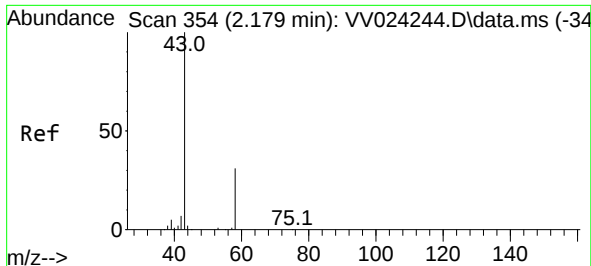
Tgt Ion:101 Resp: 322188
Ion Ratio Lower Upper
101 100
85 43.9 35.3 52.9
151 83.0 67.1 100.7



#12
1,1-Dichloroethene
Concen: 200.527 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.006 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

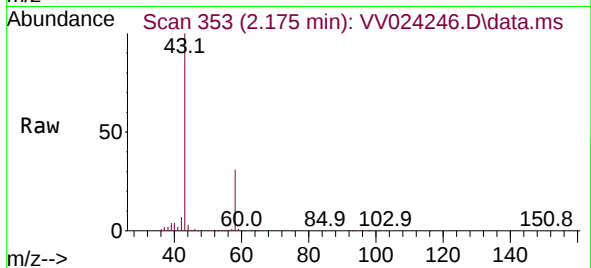
Tgt Ion: 96 Resp: 313334
Ion Ratio Lower Upper
96 100
61 169.5 111.9 207.9
63 140.1 82.7 153.5



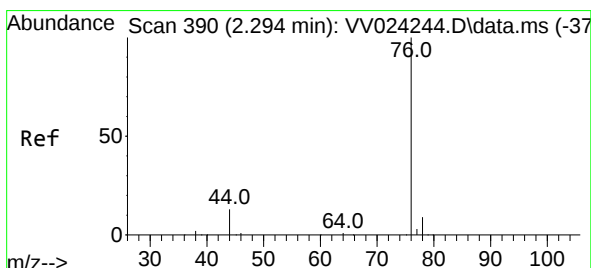
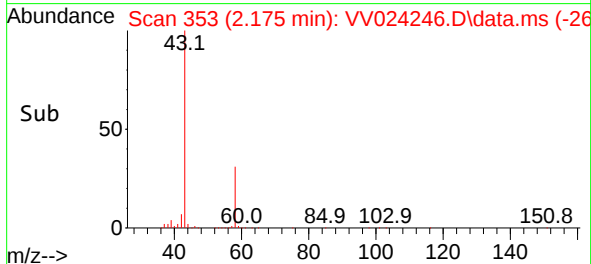
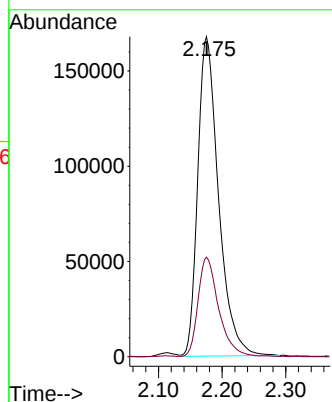


#13
Acetone
Concen: 394.174 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Instrument :
MSVOA_V
ClientSampleId :

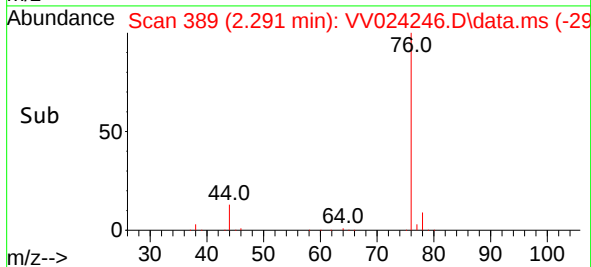
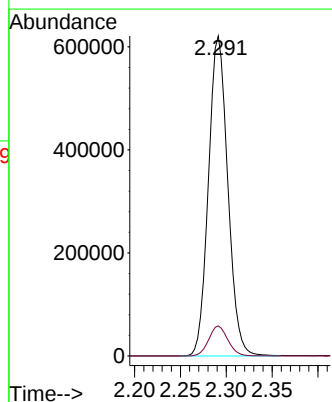
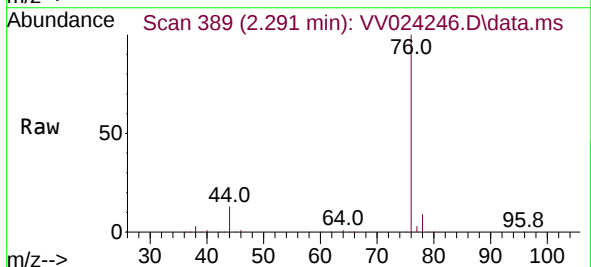


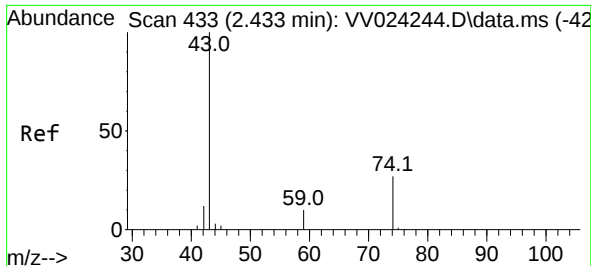
Tgt Ion: 43 Resp: 380365
Ion Ratio Lower Upper
43 100
58 30.7 0.0 63.0



#14
Carbon disulfide
Concen: 200.894 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Tgt Ion: 76 Resp: 911448
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

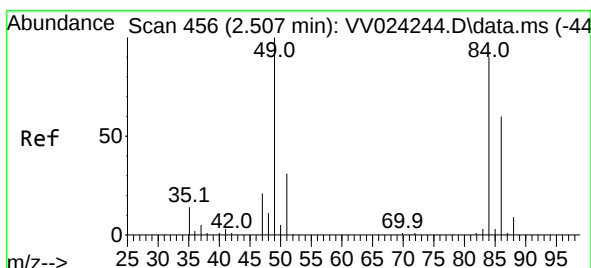
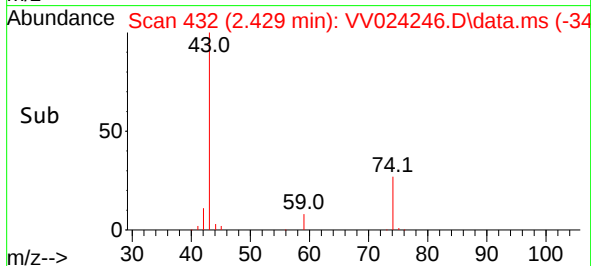
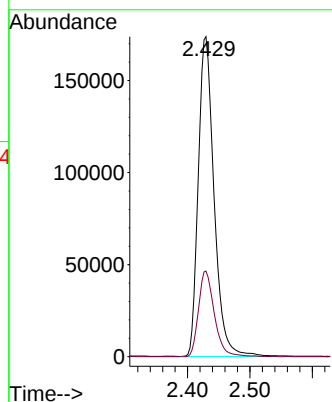
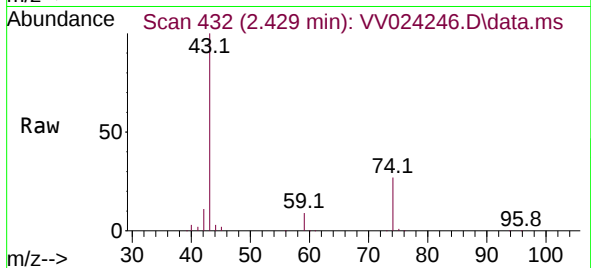




#15
Methyl Acetate
Concen: 206.872 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

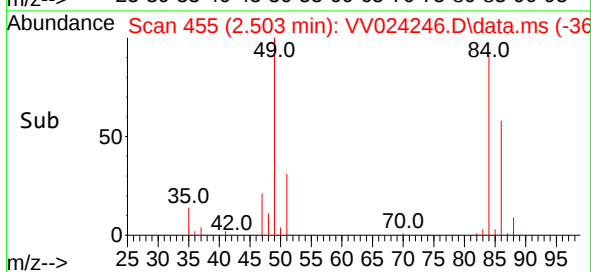
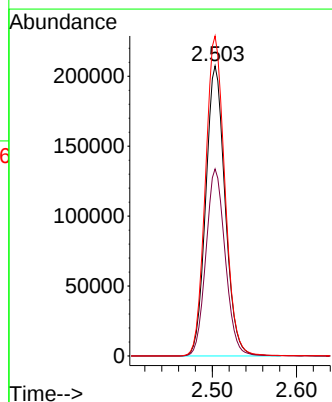
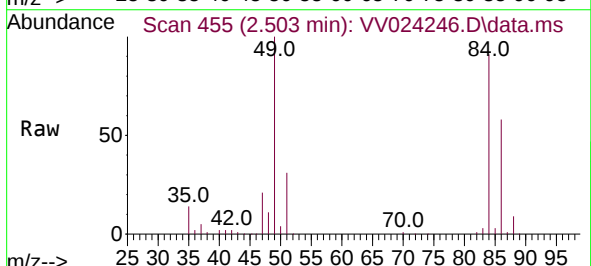
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ClientSampleId :

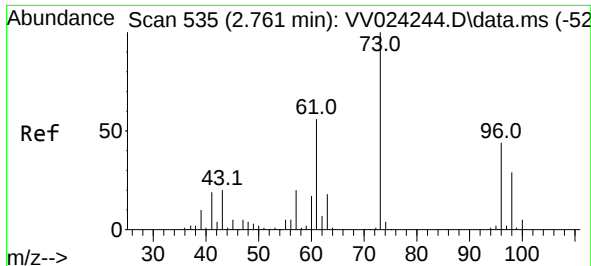
Tgt Ion: 43 Resp: 305568
Ion Ratio Lower Upper
43 100
74 26.8 21.8 32.8



#16
Methylene chloride
Concen: 194.429 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Tgt Ion: 84 Resp: 330844
Ion Ratio Lower Upper
84 100
86 64.5 46.8 86.8
49 110.3 78.3 145.3

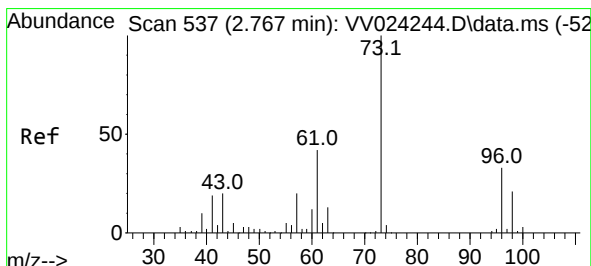
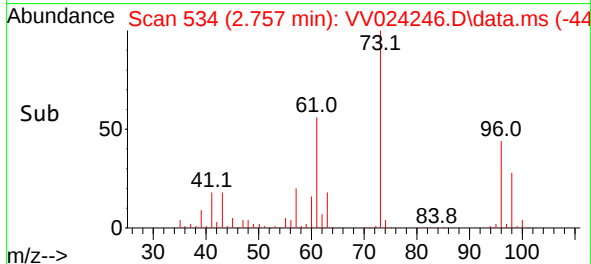
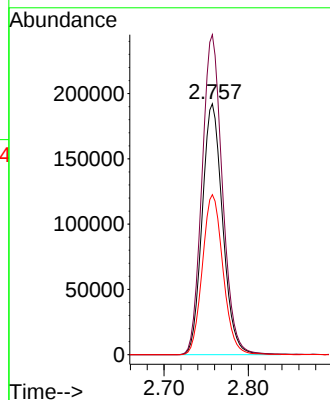
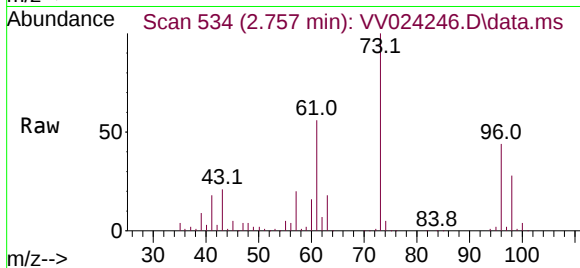




#17
trans-1,2-Dichloroethene
Concen: 202.142 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

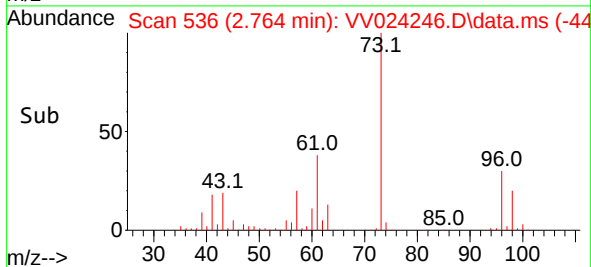
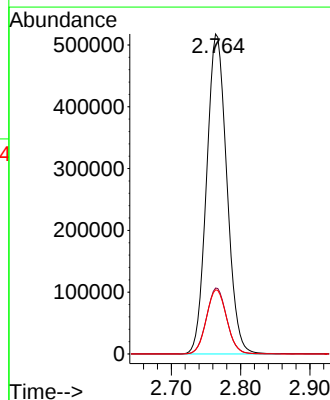
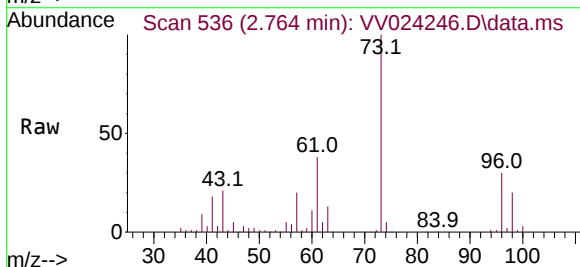
Instrument :
MSVOA_V
ClientSampleId :

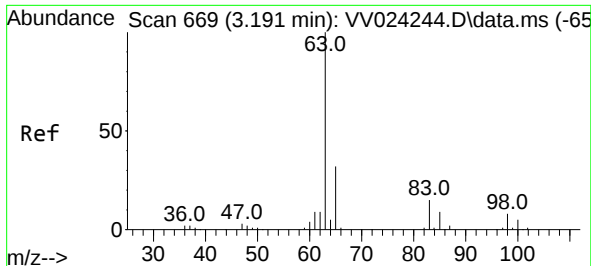
Tgt Ion: 96 Resp: 325478
Ion Ratio Lower Upper
96 100
61 127.5 88.1 163.7
98 63.8 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 211.002 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Tgt Ion: 73 Resp: 1047089
Ion Ratio Lower Upper
73 100
43 20.5 16.2 24.2
57 20.2 15.9 23.9





#19

1,1-Dichloroethane

Concen: 201.725 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.006 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

Instrument :

MSVOA_V

ClientSampleId :

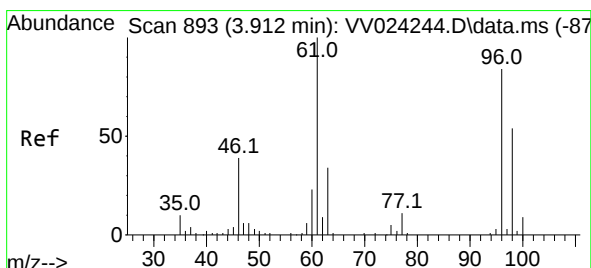
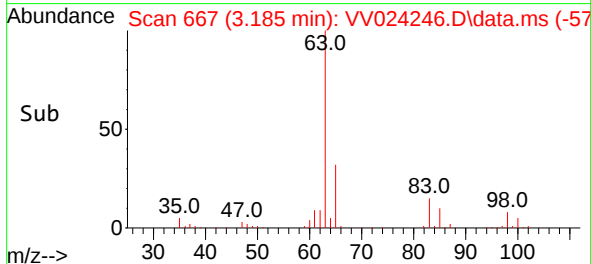
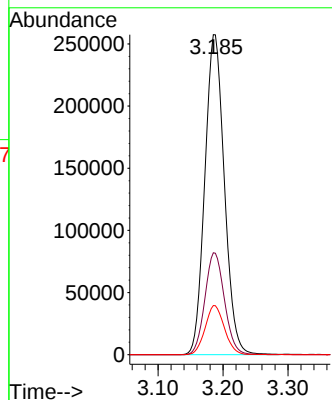
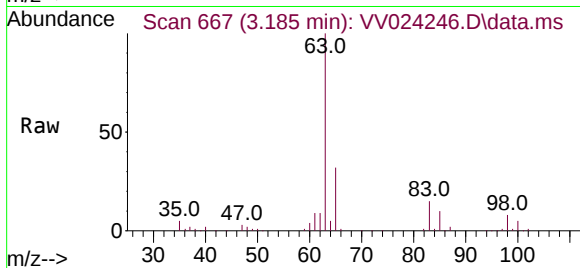
Tgt Ion: 63 Resp: 538737

Ion Ratio Lower Upper

63 100

65 31.8 22.4 41.6

83 15.4 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 207.127 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.003 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

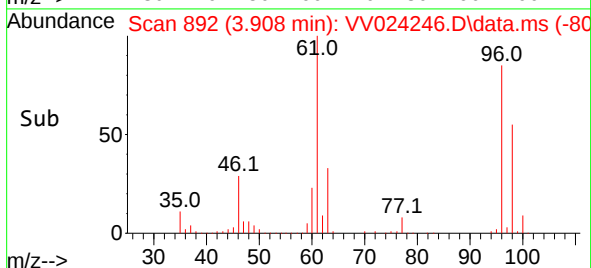
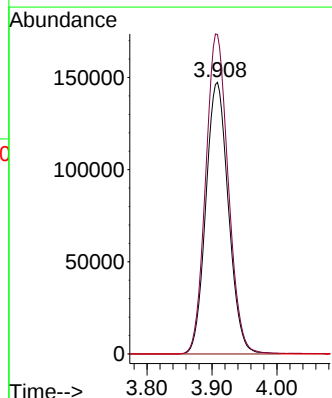
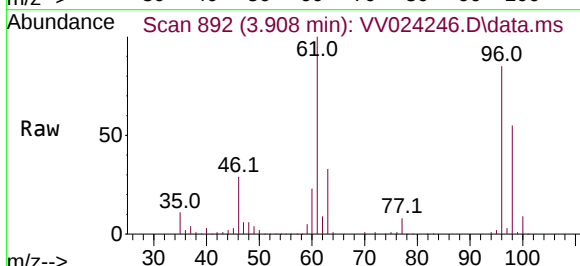
Tgt Ion: 96 Resp: 356182

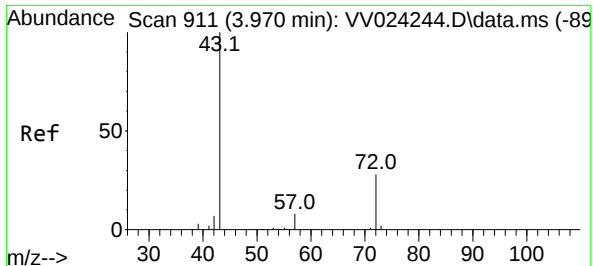
Ion Ratio Lower Upper

96 100

61 117.6 82.9 153.9

68 0.0 0.0 0.0

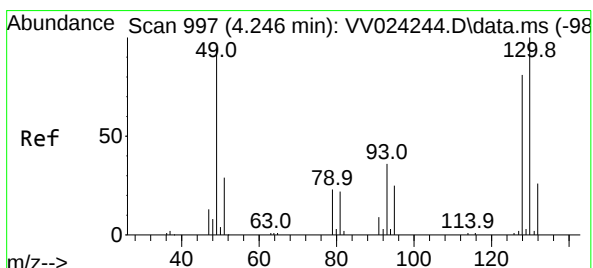
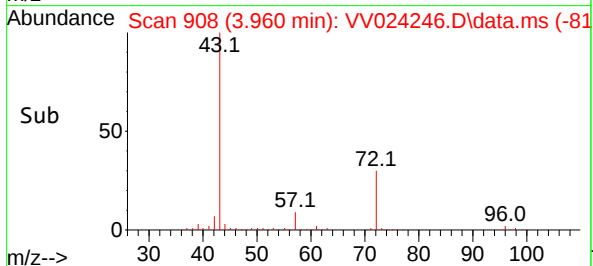
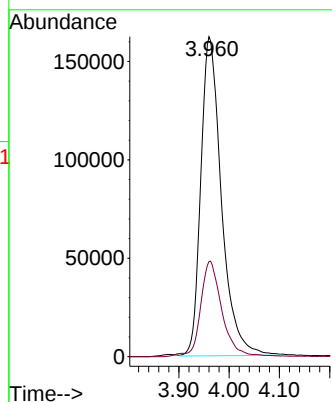
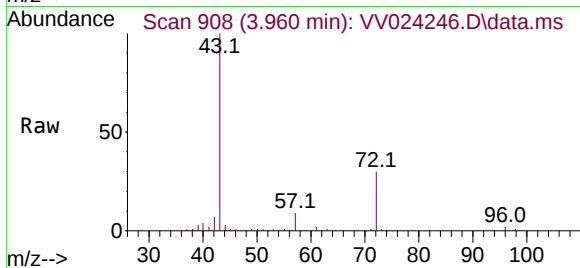




#22
2-Butanone
Concen: 429.259 ug/L
RT: 3.960 min Scan# 908
Delta R.T. -0.010 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

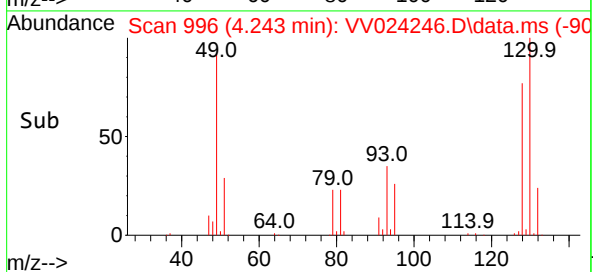
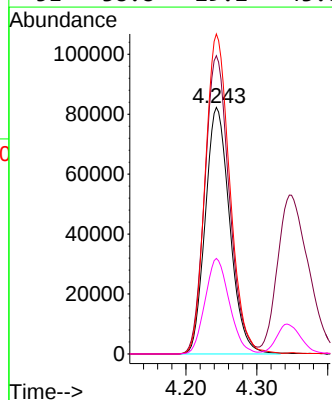
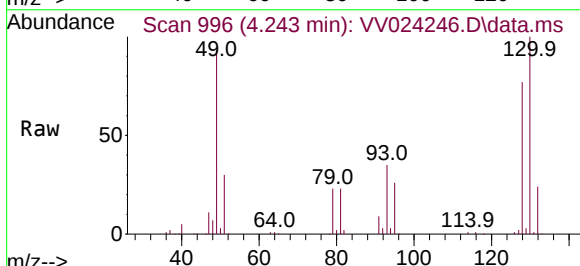
Instrument :
MSVOA_V
ClientSampleId :

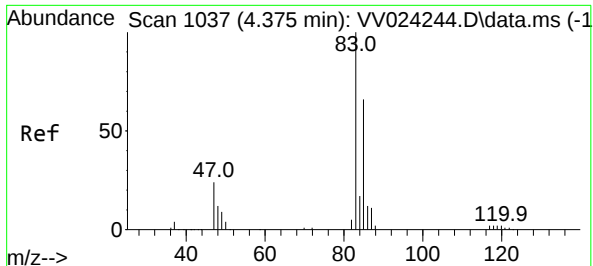
Tgt Ion: 43 Resp: 462757
Ion Ratio Lower Upper
43 100
72 29.4 14.9 44.9



#23
Bromochloromethane
Concen: 198.927 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Tgt Ion:128 Resp: 197108
Ion Ratio Lower Upper
128 100
49 121.0 83.1 154.3
130 129.8 87.0 161.6
51 38.8 29.2 43.8





#25

Chloroform

Concen: 195.972 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

Instrument :

MSVOA_V

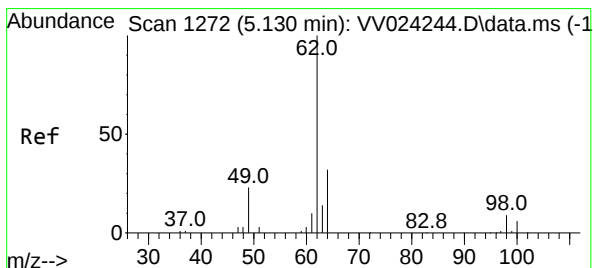
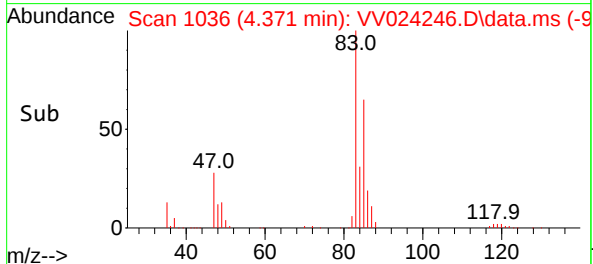
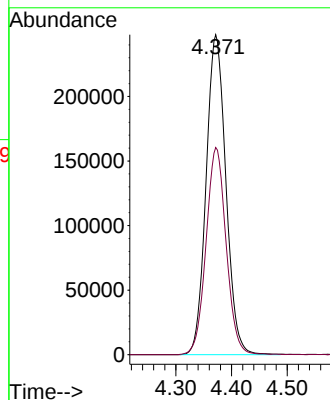
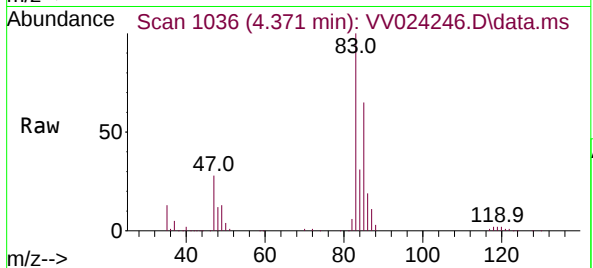
ClientSampleId :

Tgt Ion: 83 Resp: 611924

Ion Ratio Lower Upper

83 100

85 64.7 46.3 85.9



#27

1,2-Dichloroethane

Concen: 200.745 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV024246.D

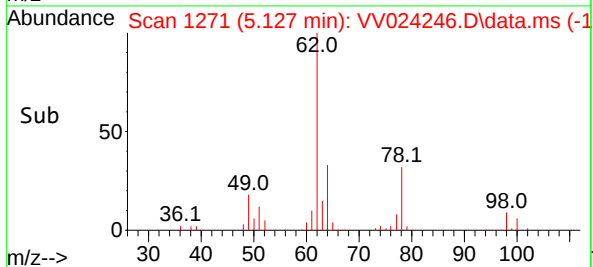
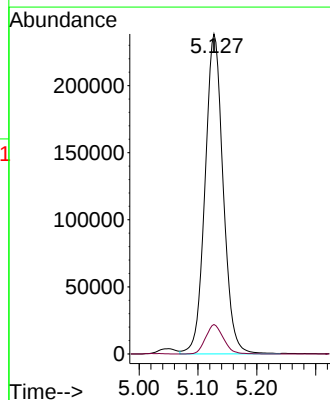
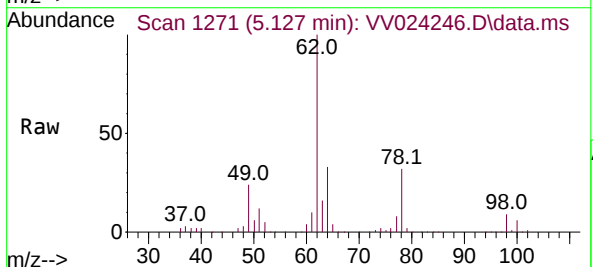
Acq: 30 Dec 2021 20:41

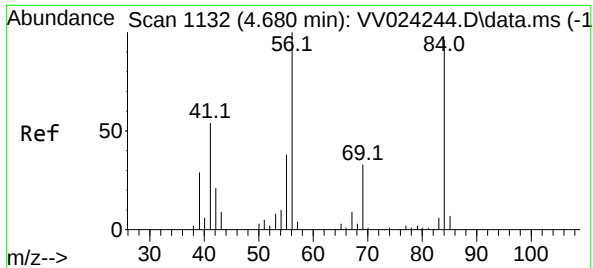
Tgt Ion: 62 Resp: 509839

Ion Ratio Lower Upper

62 100

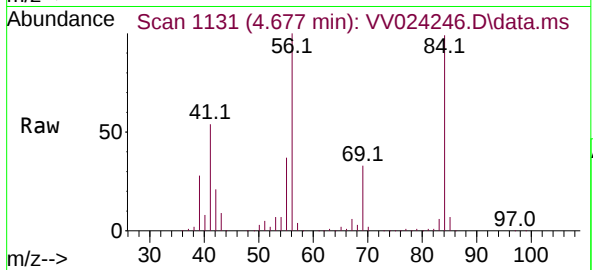
98 9.2 7.1 10.7



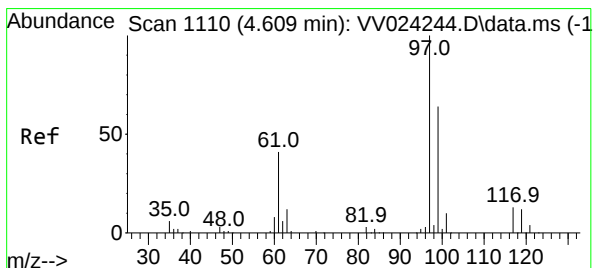
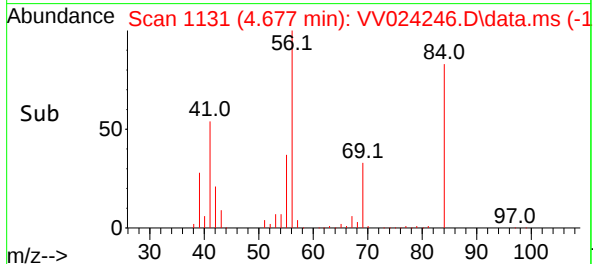
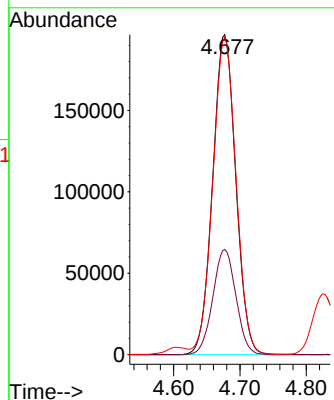


#29
Cyclohexane
Concen: 215.387 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Instrument :
MSVOA_V
ClientSampleId :

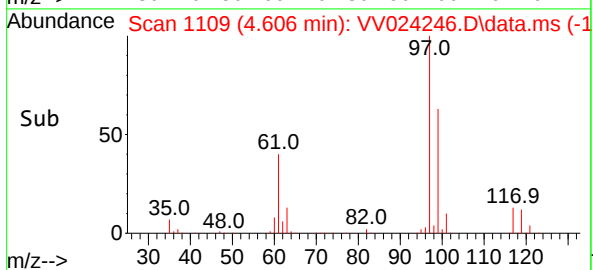
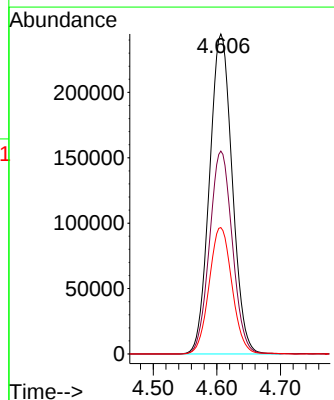
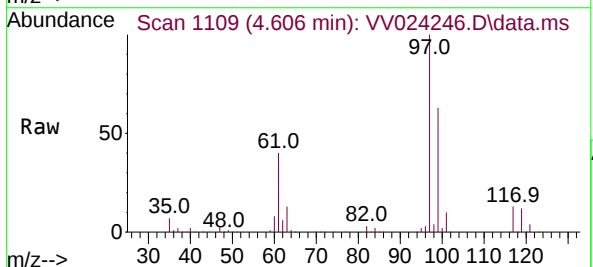


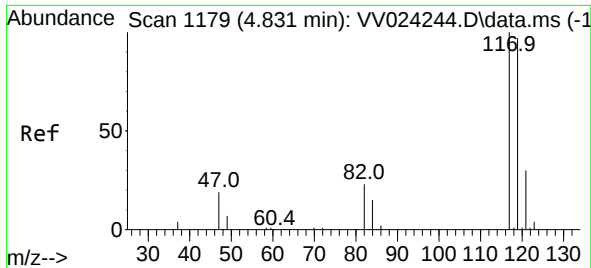
Tgt Ion: 56 Resp: 476590
Ion Ratio Lower Upper
56 100
69 32.9 25.8 38.6
84 99.7 79.1 118.7



#30
1,1,1-Trichloroethane
Concen: 199.207 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Tgt Ion: 97 Resp: 606715
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 39.8 33.2 49.8

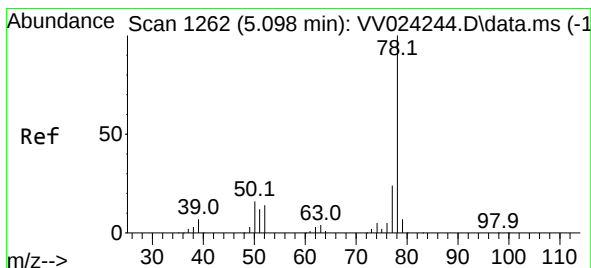
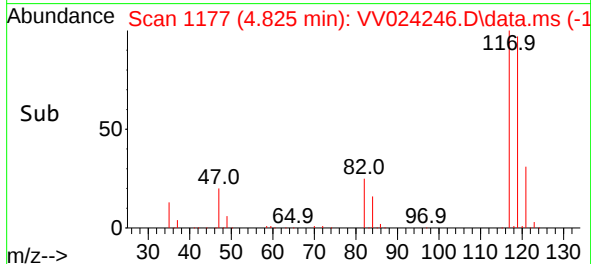
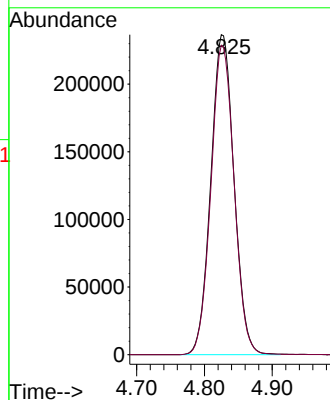
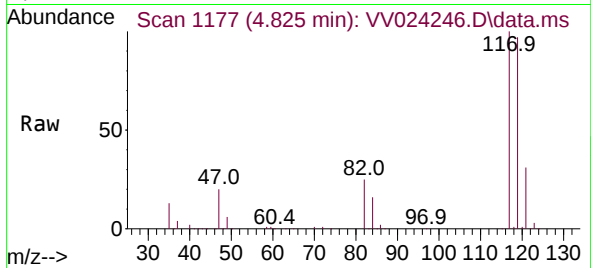




#31
Carbon tetrachloride
Concen: 199.431 ug/L
RT: 4.825 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

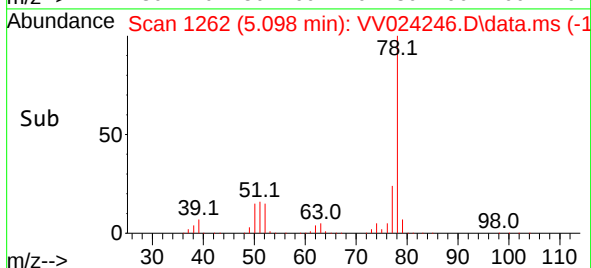
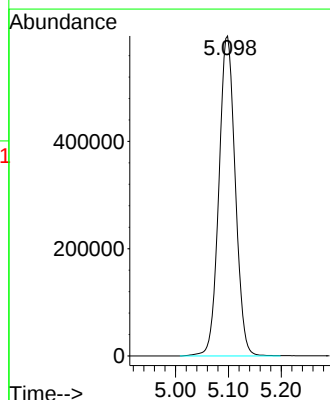
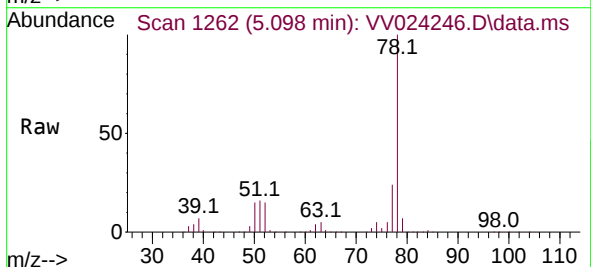
Instrument :
MSVOA_V
ClientSampleId :

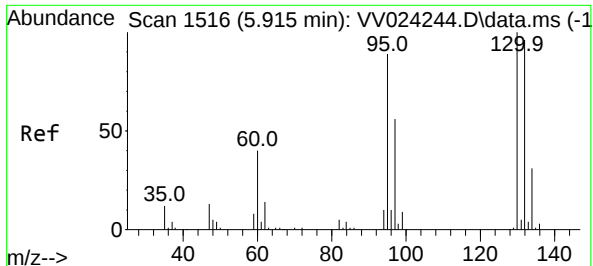
Tgt Ion:117 Resp: 563501
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3



#33
Benzene
Concen: 204.129 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Tgt Ion: 78 Resp: 1284807





#34

Trichloroethene

Concen: 201.231 ug/L

RT: 5.912 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 349271

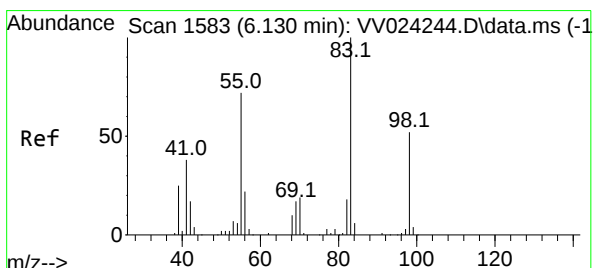
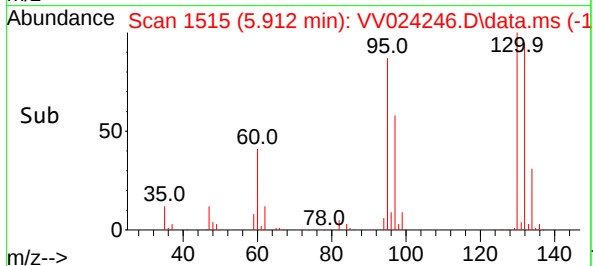
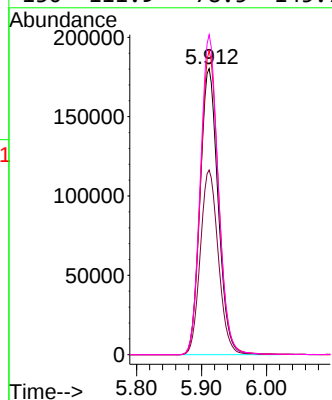
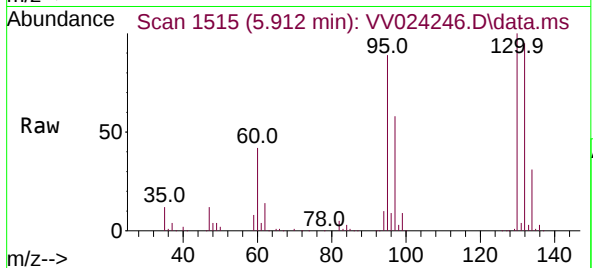
Ion Ratio Lower Upper

95 100

97 64.5 44.1 81.9

132 106.2 75.1 139.5

130 111.9 78.5 145.7



#35

Methylcyclohexane

Concen: 215.197 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

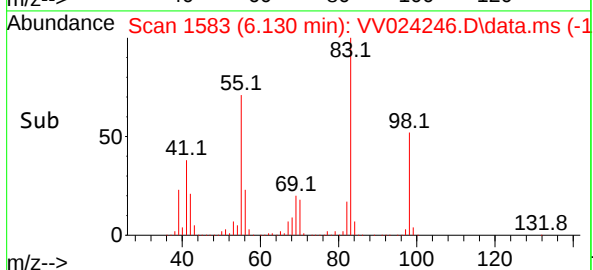
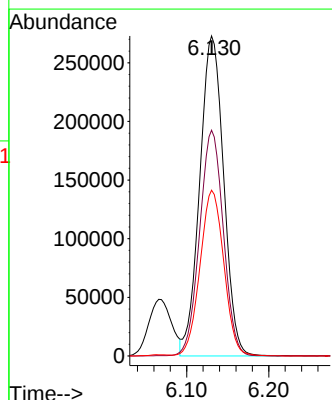
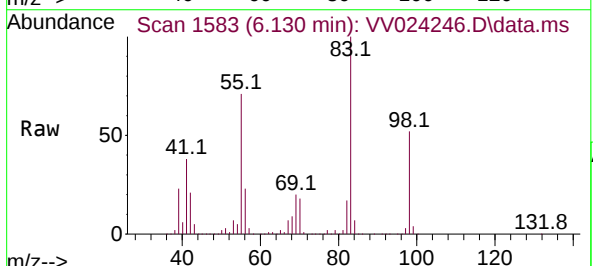
Tgt Ion: 83 Resp: 553943

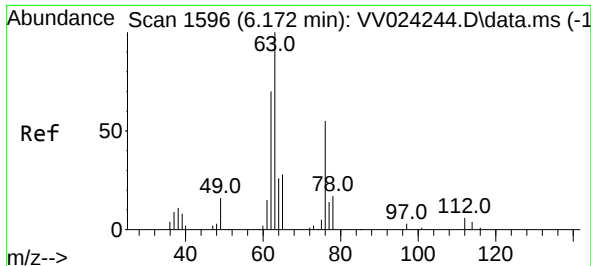
Ion Ratio Lower Upper

83 100

55 69.8 55.6 83.4

98 51.6 41.3 61.9





#37

1,2-Dichloropropane

Concen: 200.572 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

Instrument :

MSVOA_V

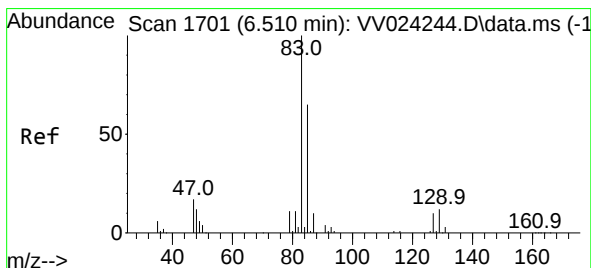
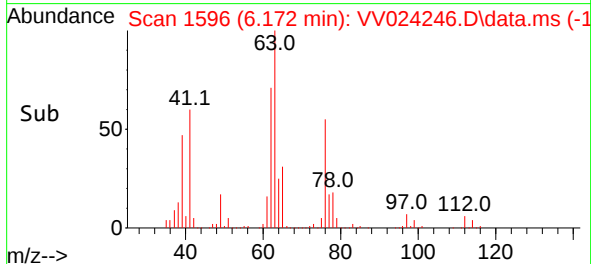
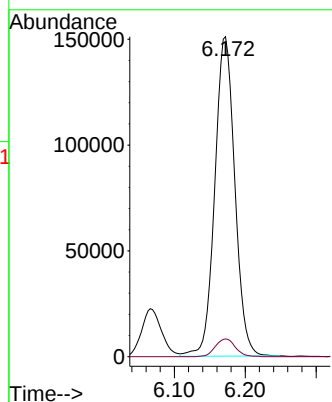
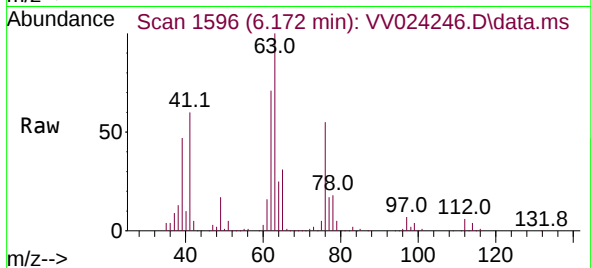
ClientSampleId :

Tgt Ion: 63 Resp: 296930

Ion Ratio Lower Upper

63 100

112 5.6 4.7 7.1



#38

Bromodichloromethane

Concen: 203.687 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

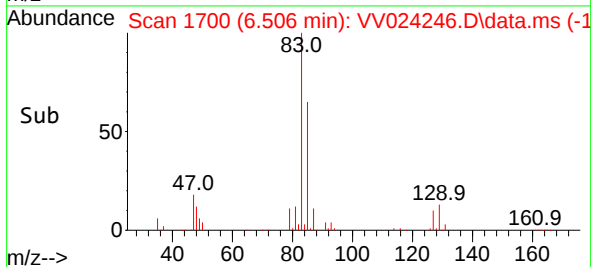
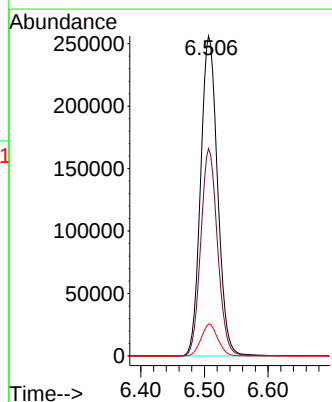
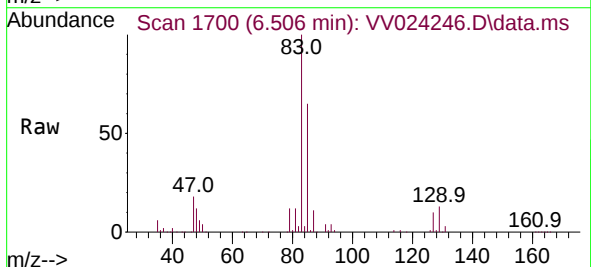
Tgt Ion: 83 Resp: 473187

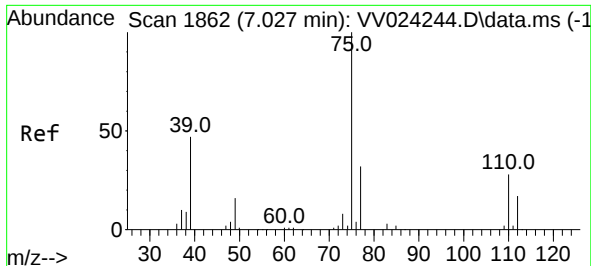
Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0

127 10.0 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 219.979 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

Instrument :

MSVOA_V

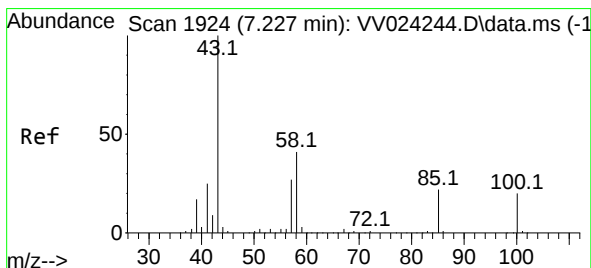
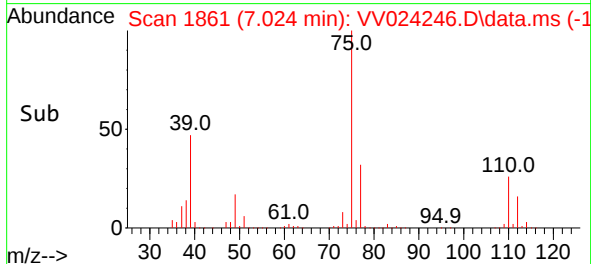
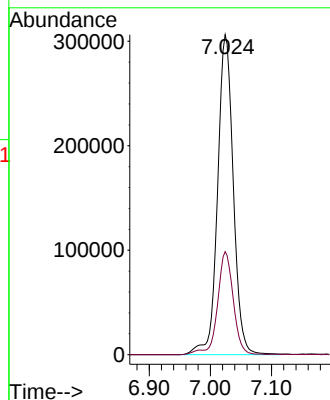
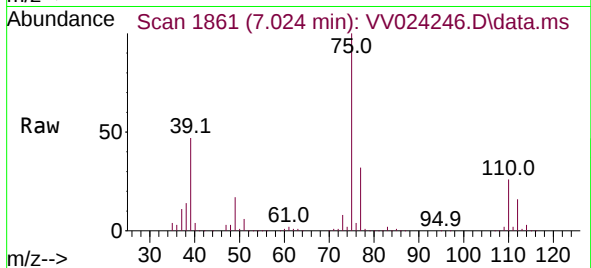
ClientSampleId :

Tgt Ion: 75 Resp: 547436

Ion Ratio Lower Upper

75 100

77 32.2 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 434.115 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

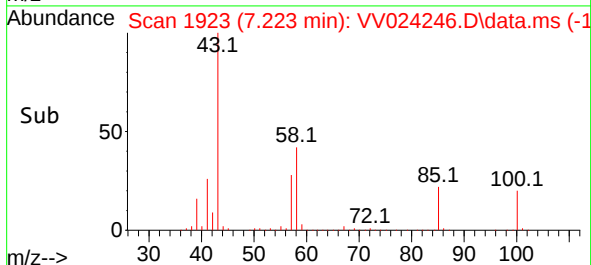
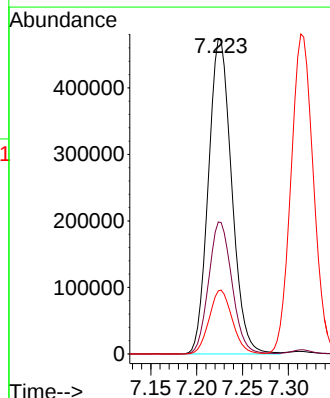
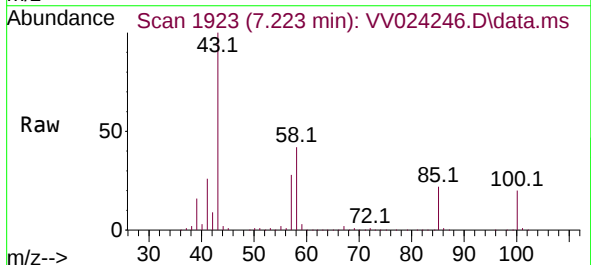
Tgt Ion: 43 Resp: 838042

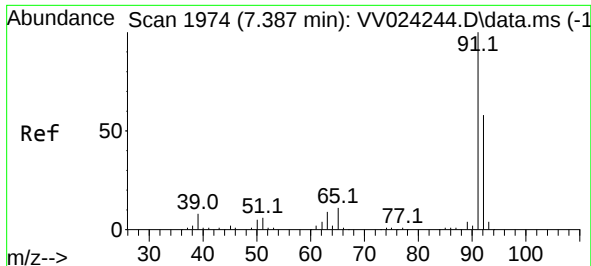
Ion Ratio Lower Upper

43 100

58 41.9 33.0 49.4

100 20.1 16.0 24.0





#42

Toluene

Concen: 206.569 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

Instrument :

MSVOA_V

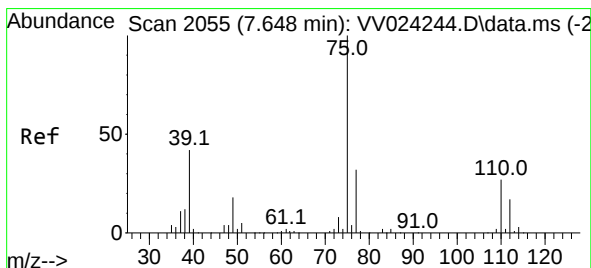
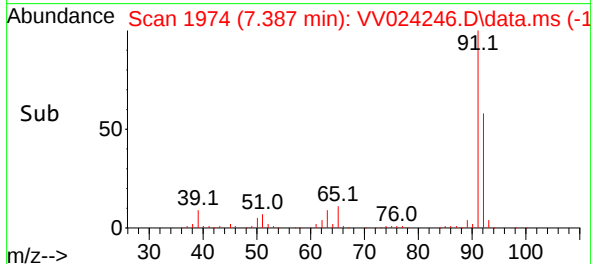
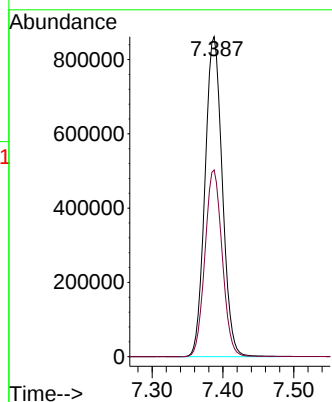
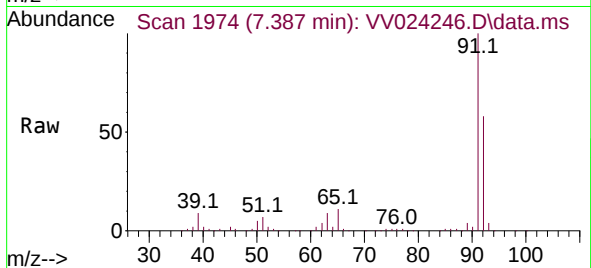
ClientSampleId :

Tgt Ion: 91 Resp: 1459467

Ion Ratio Lower Upper

91 100

92 58.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 219.984 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024246.D

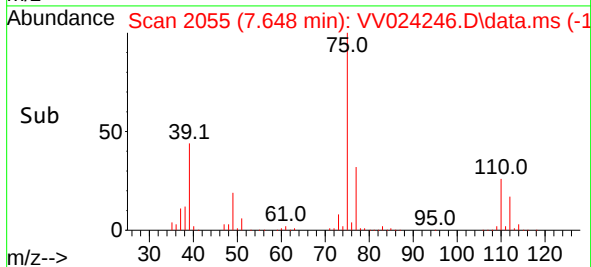
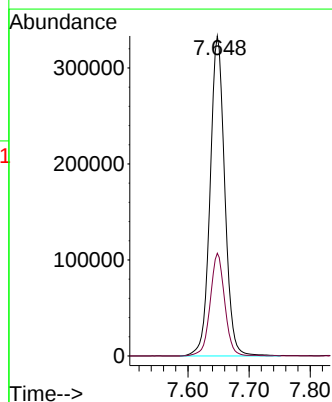
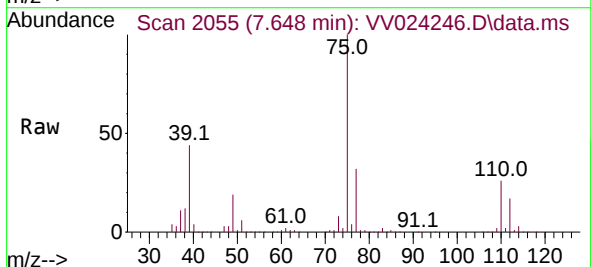
Acq: 30 Dec 2021 20:41

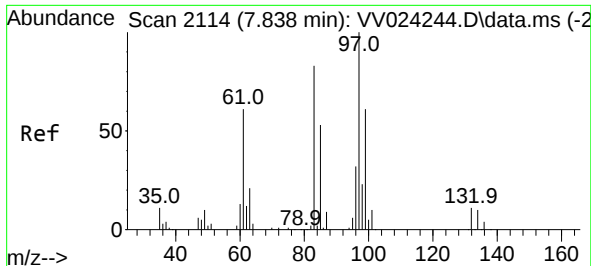
Tgt Ion: 75 Resp: 555334

Ion Ratio Lower Upper

75 100

77 32.1 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 197.619 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 327976

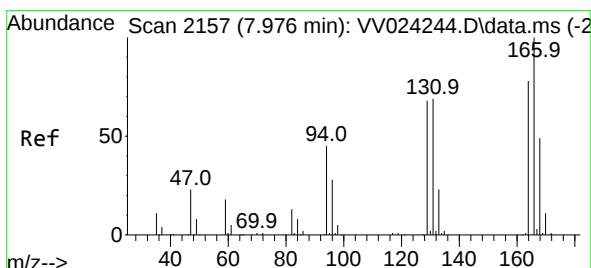
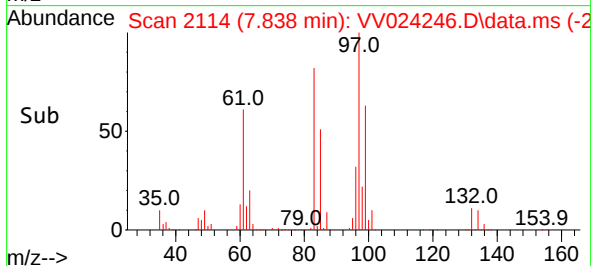
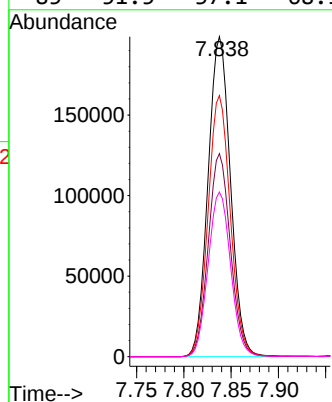
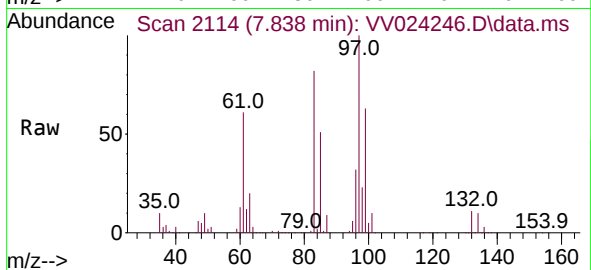
Ion Ratio Lower Upper

97 100

99 63.4 42.4 78.8

83 81.6 57.9 107.5

85 51.5 37.1 68.9



#46

Tetrachloroethene

Concen: 203.072 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

Tgt Ion:164 Resp: 320809

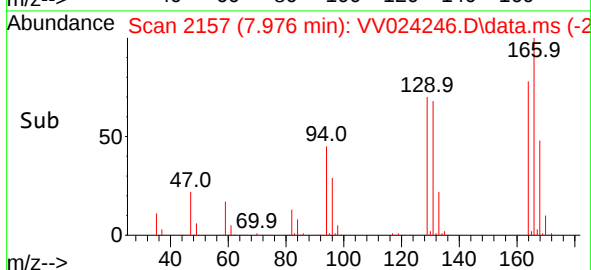
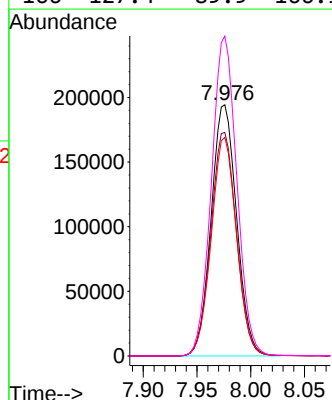
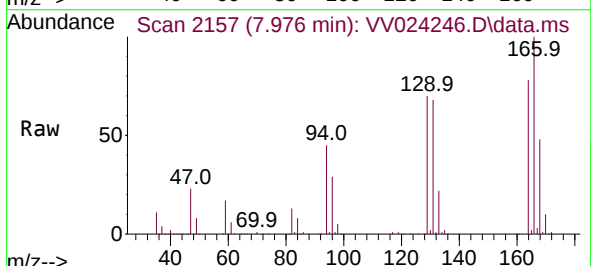
Ion Ratio Lower Upper

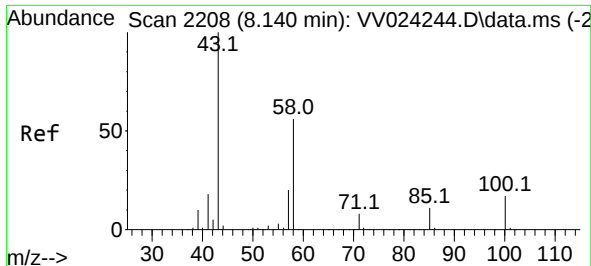
164 100

129 89.0 61.5 114.1

131 87.0 62.2 115.4

166 127.4 89.9 166.9

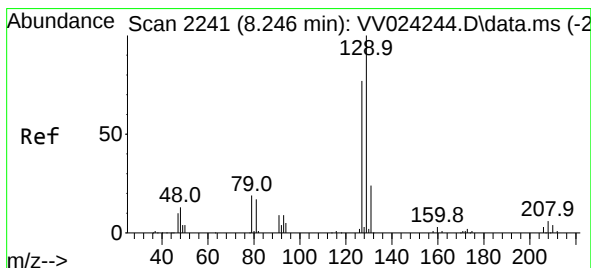
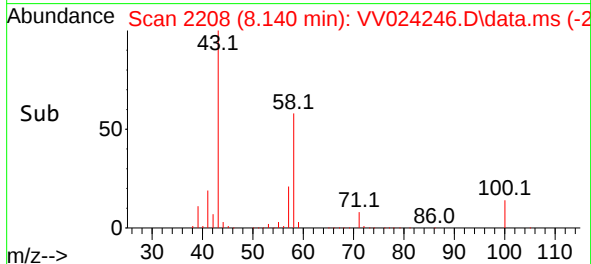
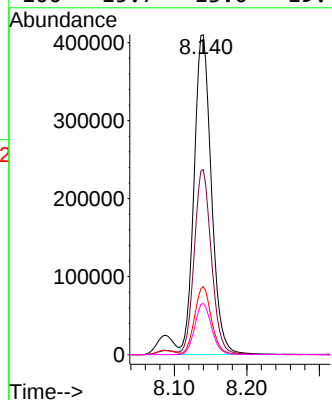
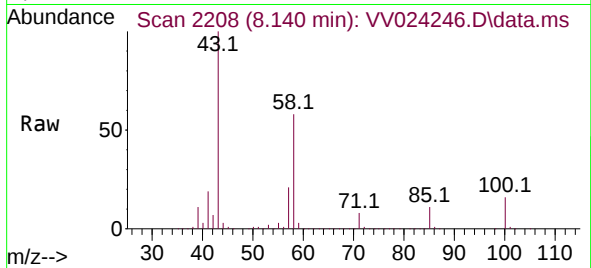




#48
2-Hexanone
Concen: 437.265 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

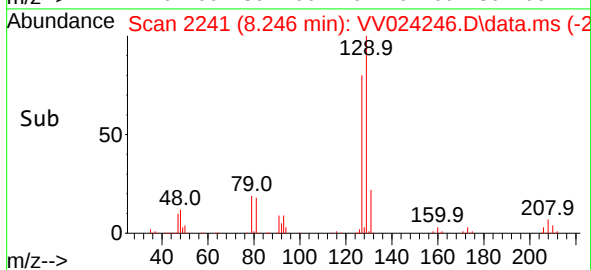
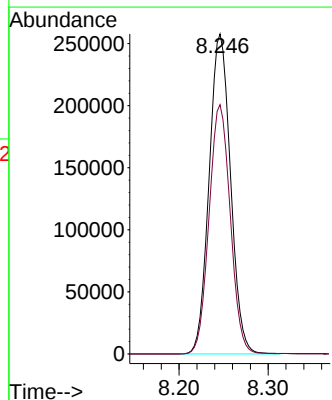
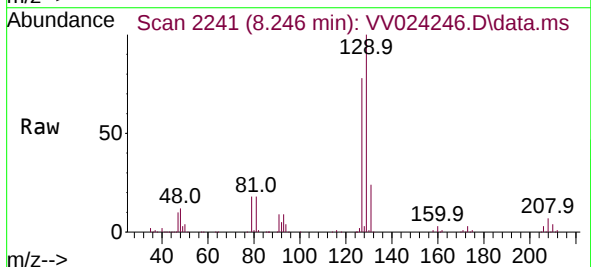
Instrument :
MSVOA_V
ClientSampleId :

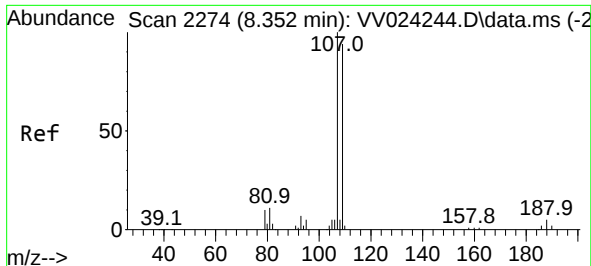
Tgt Ion: 43 Resp: 677994
Ion Ratio Lower Upper
43 100
58 57.5 45.0 67.4
57 20.9 16.9 25.3
100 15.7 13.0 19.4



#49
Dibromochloromethane
Concen: 206.447 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Tgt Ion: 129 Resp: 429478
Ion Ratio Lower Upper
129 100
127 77.9 53.7 99.7





#50

1,2-Dibromoethane

Concen: 203.666 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

Instrument :

MSVOA_V

ClientSampleId :

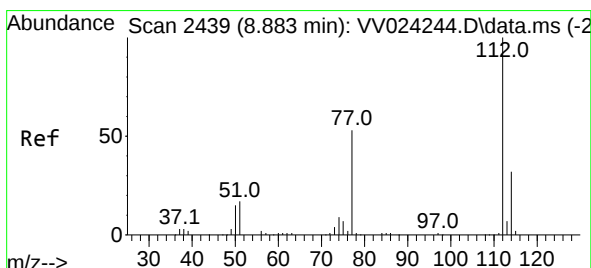
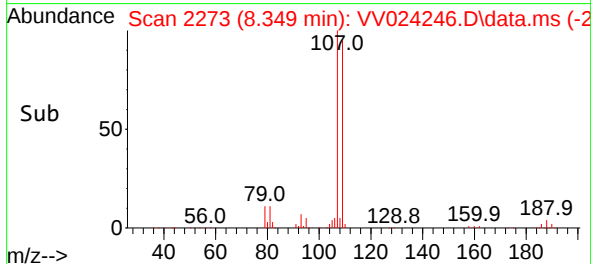
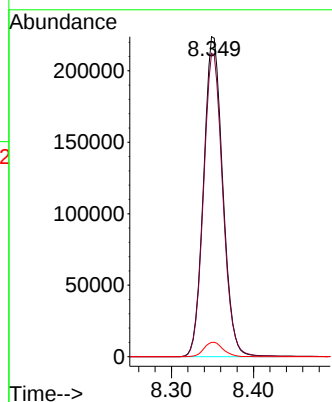
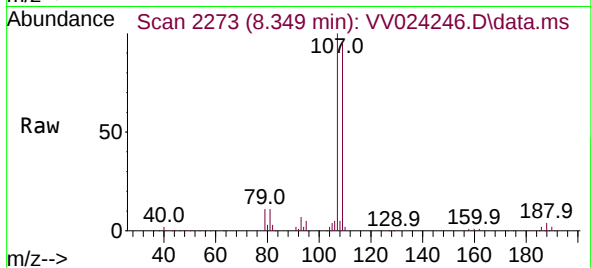
Tgt Ion:107 Resp: 363052

Ion Ratio Lower Upper

107 100

109 94.8 65.8 122.2

188 4.4 3.8 5.6



#51

Chlorobenzene

Concen: 202.598 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

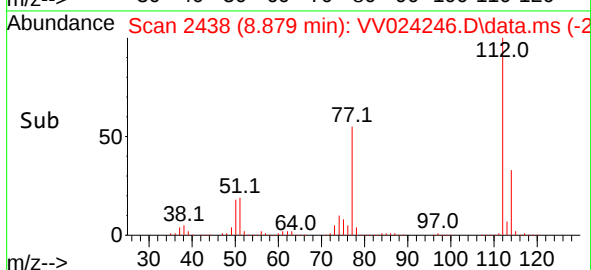
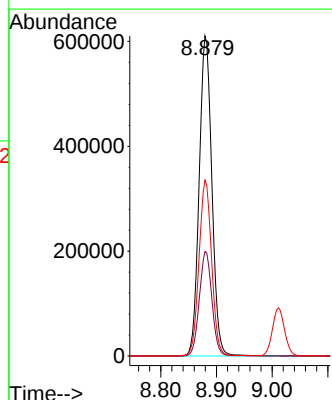
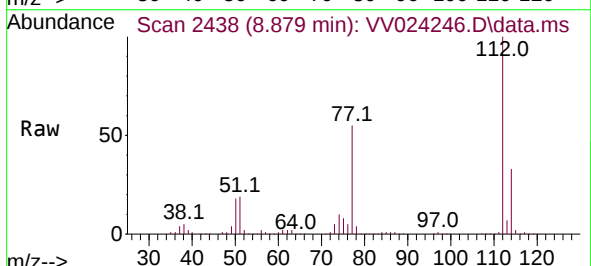
Tgt Ion:112 Resp: 964120

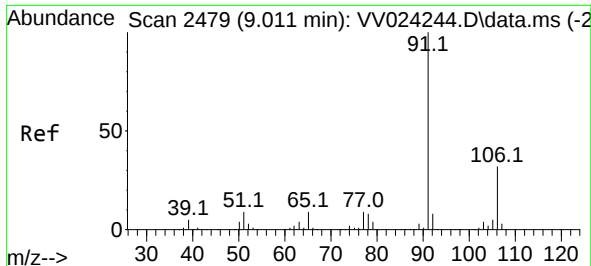
Ion Ratio Lower Upper

112 100

114 32.6 22.3 41.5

77 54.9 42.8 64.2

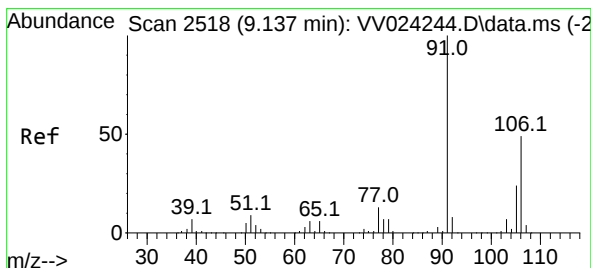
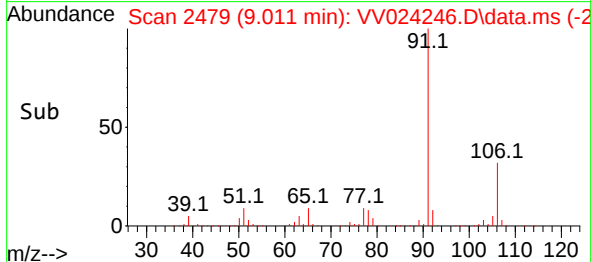
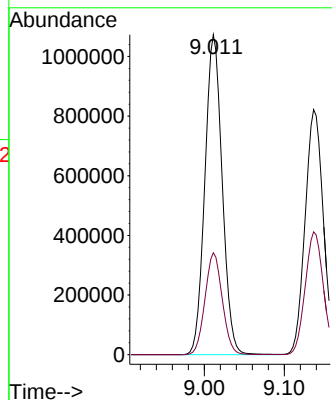
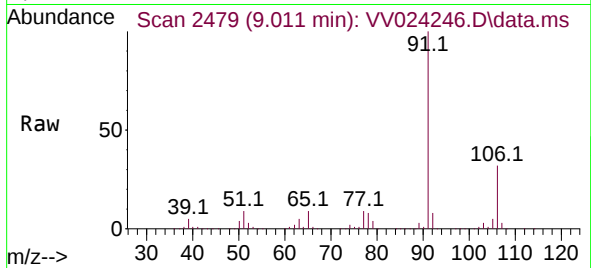




#52
Ethylbenzene
Concen: 214.368 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

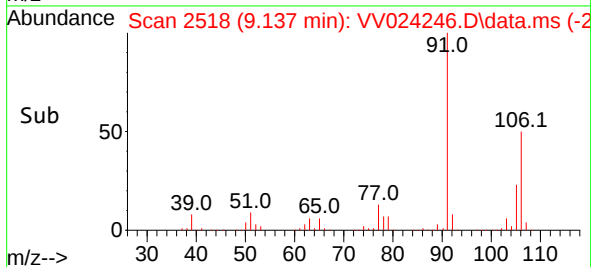
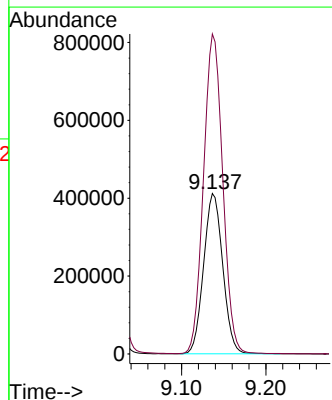
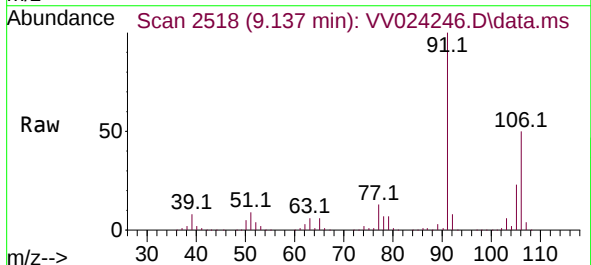
Instrument :
MSVOA_V
ClientSampleId :

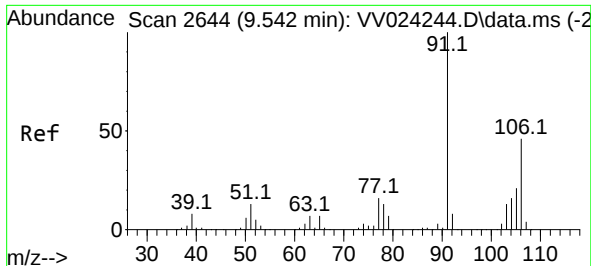
Tgt Ion: 91 Resp: 1618043
Ion Ratio Lower Upper
91 100
106 31.9 22.0 41.0



#53
m,p-Xylene
Concen: 215.285 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Tgt Ion:106 Resp: 651342
Ion Ratio Lower Upper
106 100
91 199.3 141.8 263.4

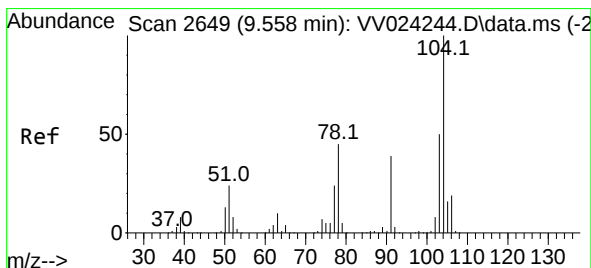
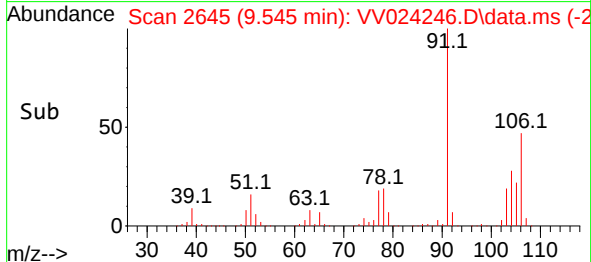
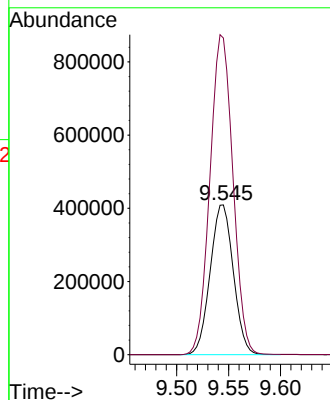
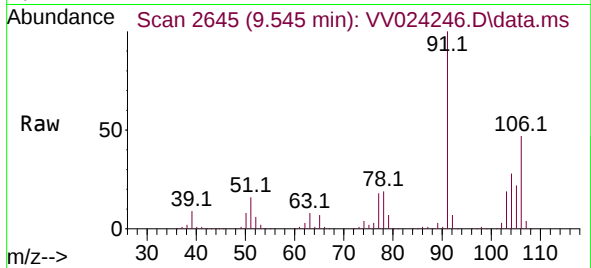




#54
o-Xylene
Concen: 219.430 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

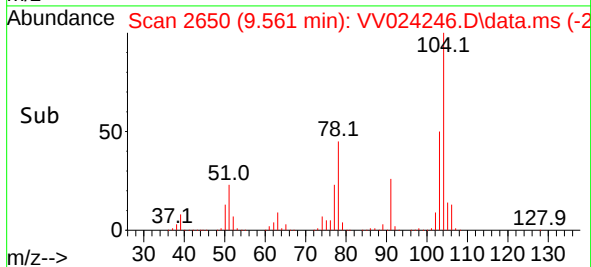
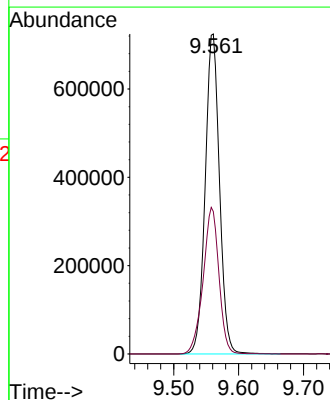
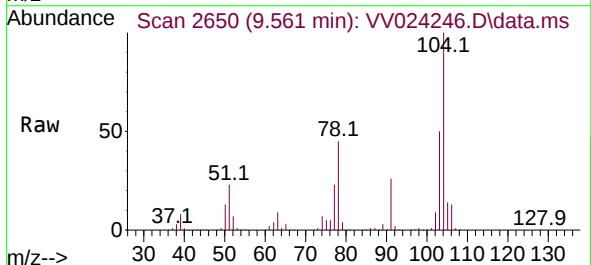
Instrument :
MSVOA_V
ClientSampleId :

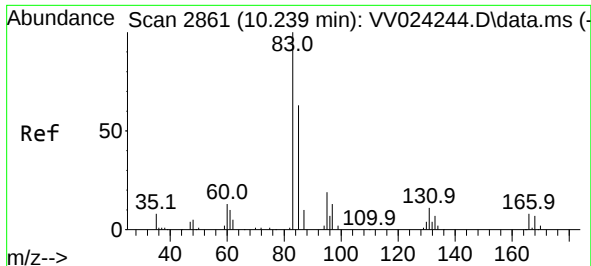
Tgt Ion:106 Resp: 633735
Ion Ratio Lower Upper
106 100
91 211.5 150.9 280.3



#55
Styrene
Concen: 221.998 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Tgt Ion:104 Resp: 1113420
Ion Ratio Lower Upper
104 100
78 44.5 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 206.808 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

Instrument :

MSVOA_V

ClientSampleId :

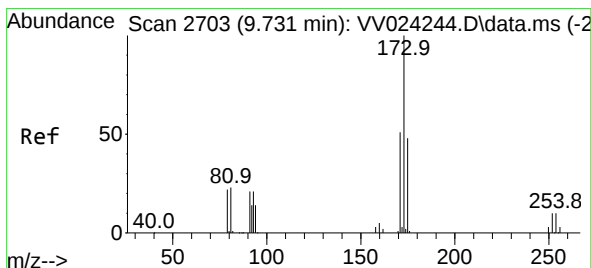
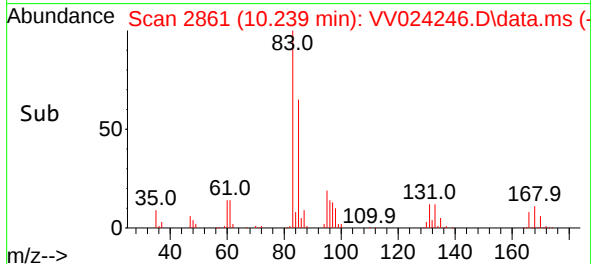
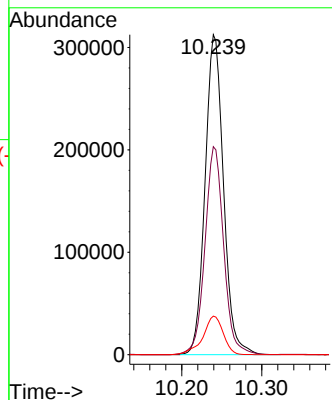
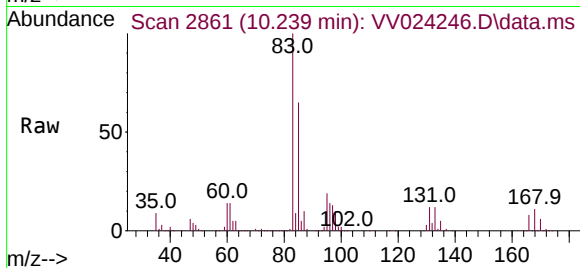
Tgt Ion: 83 Resp: 501179

Ion Ratio Lower Upper

83 100

85 65.0 44.5 82.7

131 12.0 9.2 13.8



#59

Bromoform

Concen: 198.215 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

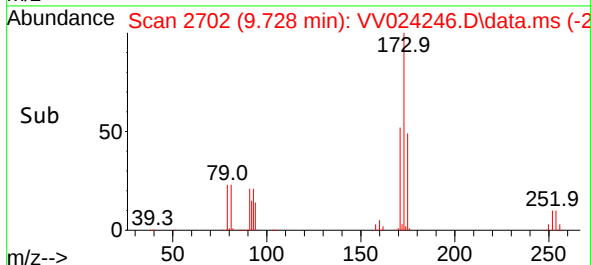
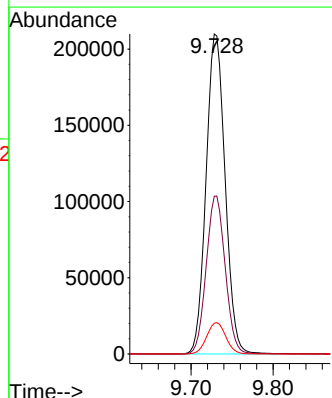
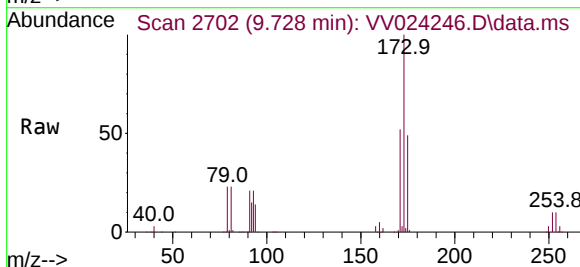
Tgt Ion: 173 Resp: 338218

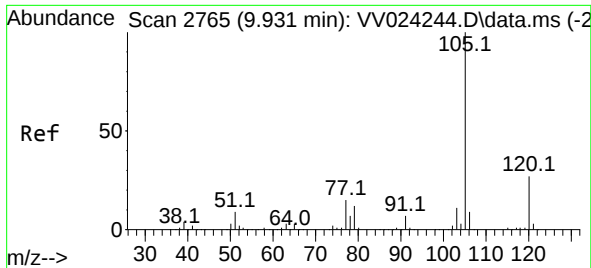
Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.2

254 9.8 7.8 11.6

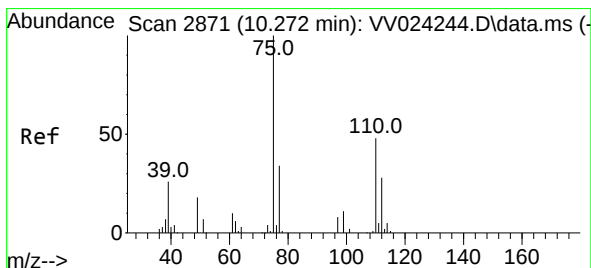
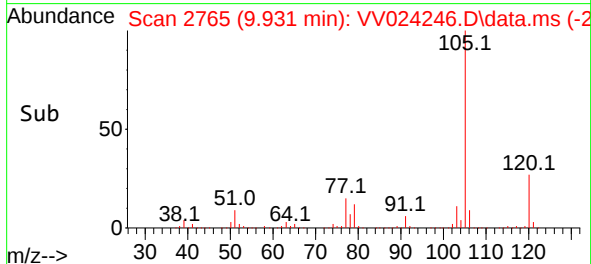
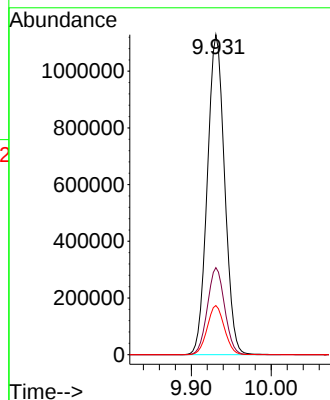
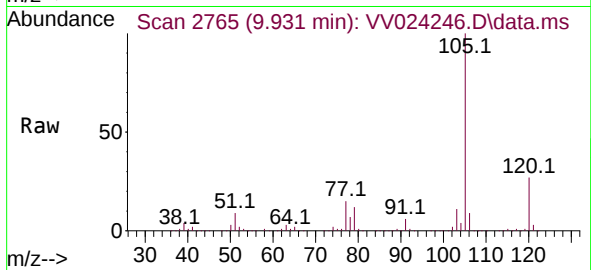




#60
Isopropylbenzene
Concen: 204.806 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

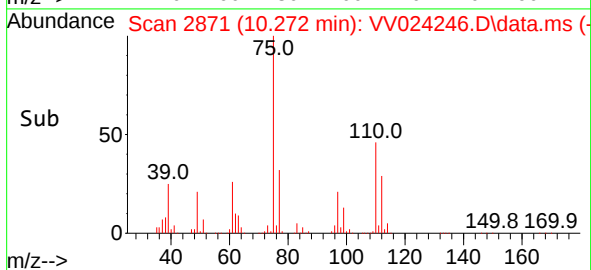
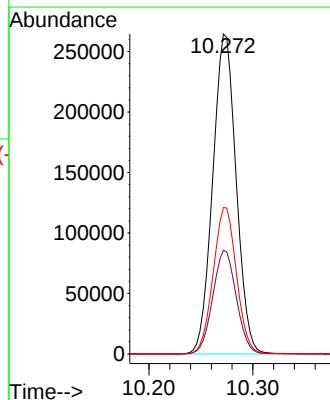
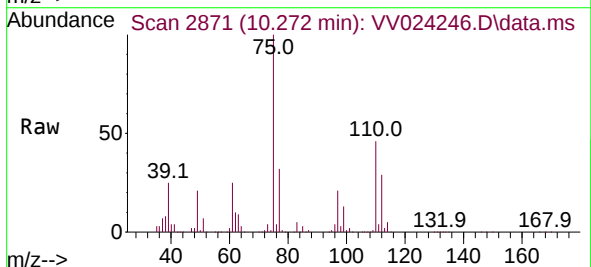
Instrument :
MSVOA_V
ClientSampleId :

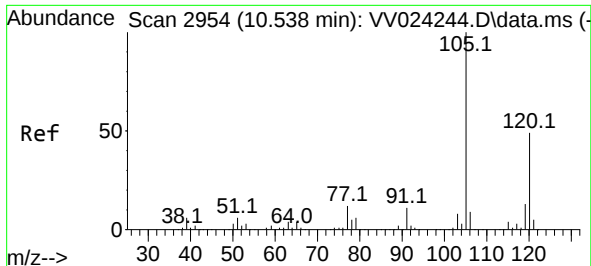
Tgt Ion:105 Resp: 1695884
Ion Ratio Lower Upper
105 100
120 27.2 21.9 32.9
77 15.3 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 188.666 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Tgt Ion: 75 Resp: 414559
Ion Ratio Lower Upper
75 100
77 32.5 26.9 40.3
110 45.6 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 213.769 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024246.D

Acq: 30 Dec 2021 20:41

Instrument :

MSVOA_V

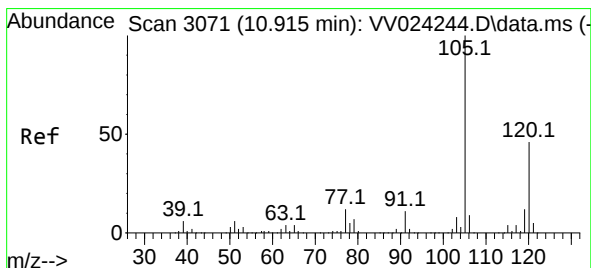
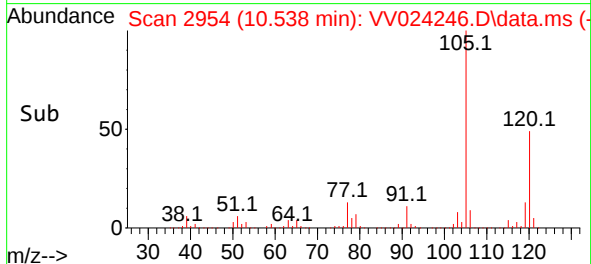
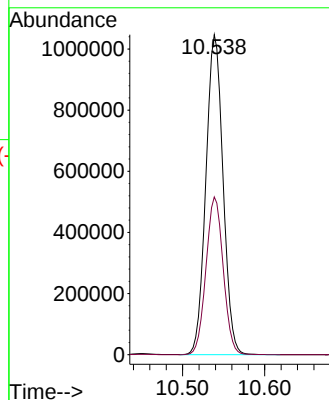
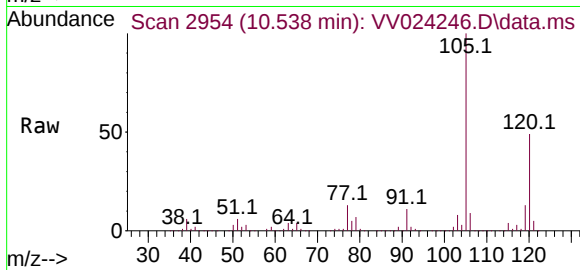
ClientSampleId :

Tgt Ion:105 Resp: 1522623

Ion Ratio Lower Upper

105 100

120 49.5 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 215.311 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV024246.D

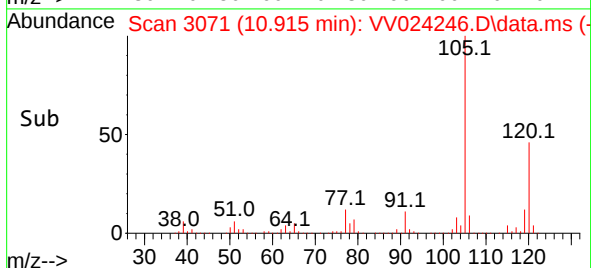
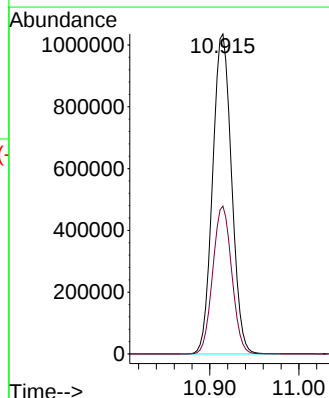
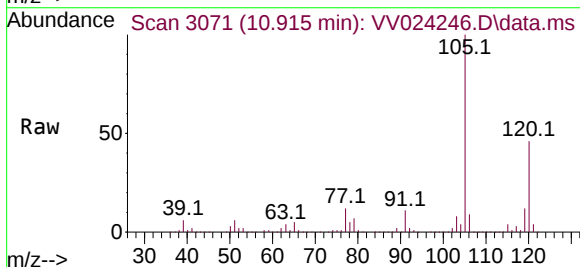
Acq: 30 Dec 2021 20:41

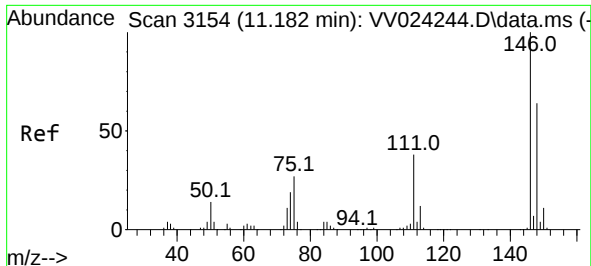
Tgt Ion:105 Resp: 1531059

Ion Ratio Lower Upper

105 100

120 46.3 36.6 55.0

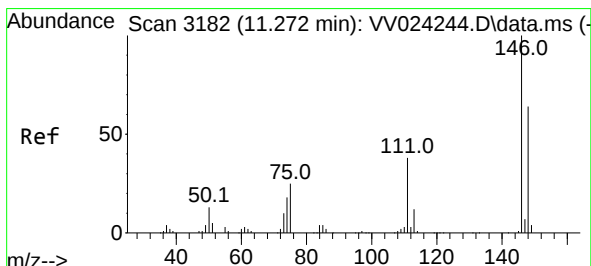
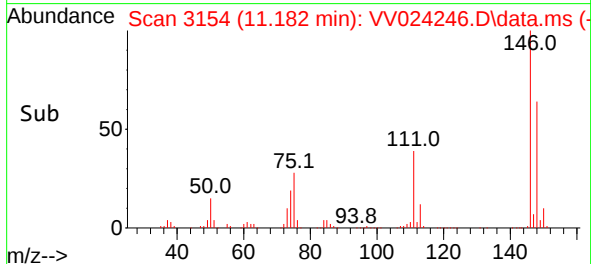
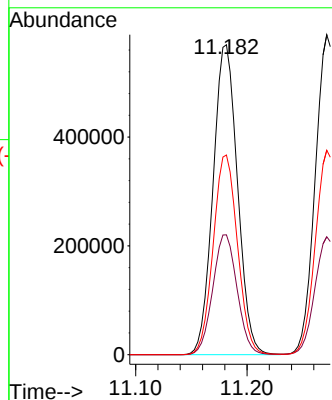
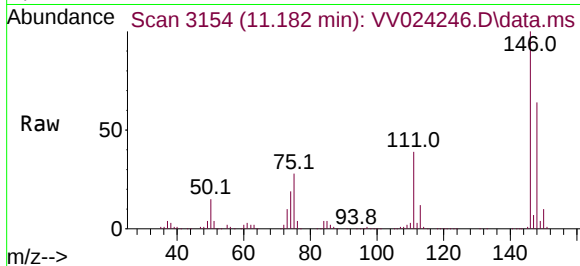




#64
1,3-Dichlorobenzene
Concen: 203.709 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

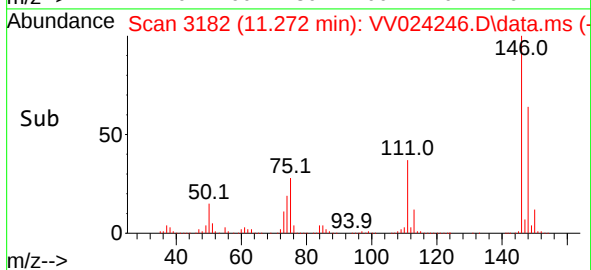
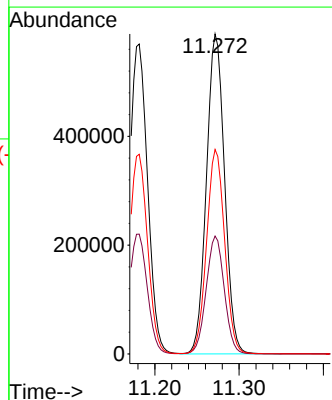
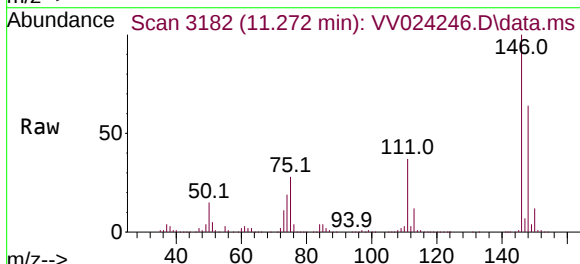
Instrument :
MSVOA_V
ClientSampleId :

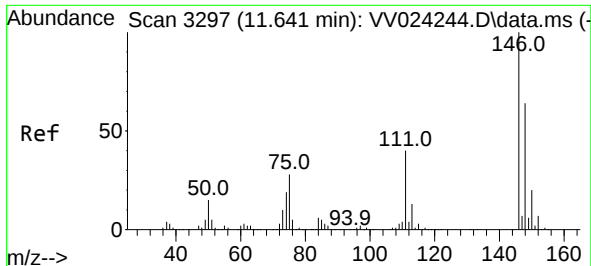
Tgt Ion:146 Resp: 869731
Ion Ratio Lower Upper
146 100
111 38.7 26.5 49.3
148 64.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 199.657 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Tgt Ion:146 Resp: 879090
Ion Ratio Lower Upper
146 100
111 36.9 26.5 49.3
148 63.9 44.9 83.5

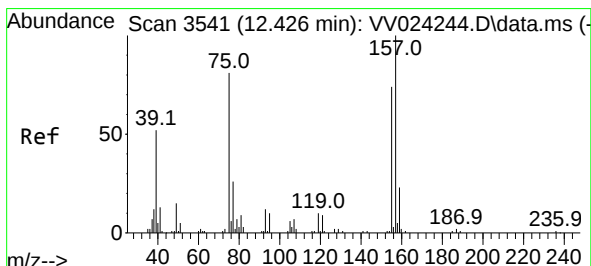
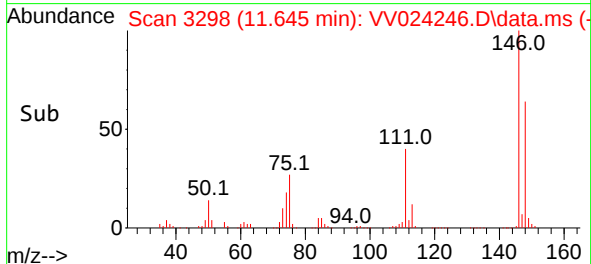
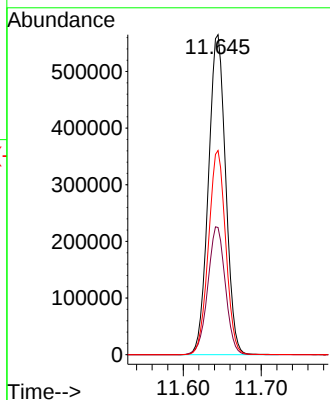
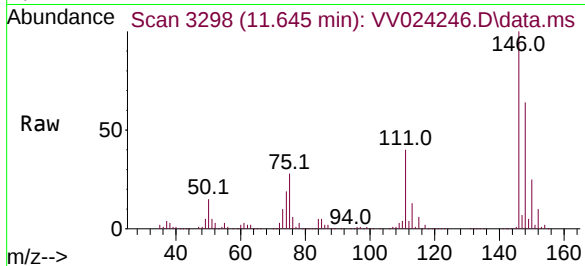




#67
1,2-Dichlorobenzene
Concen: 198.140 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

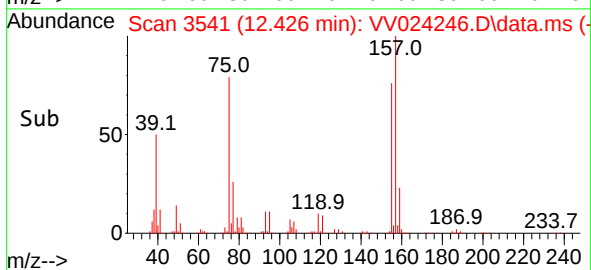
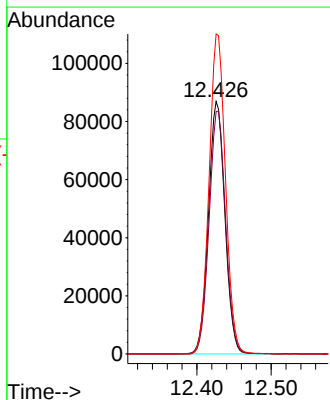
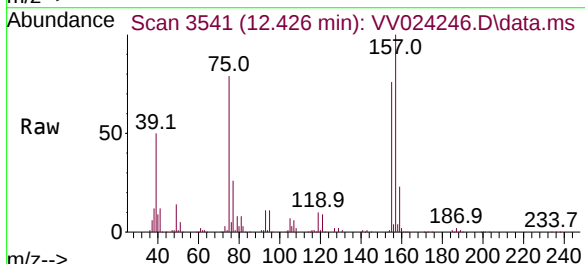
Instrument :
MSVOA_V
ClientSampleId :

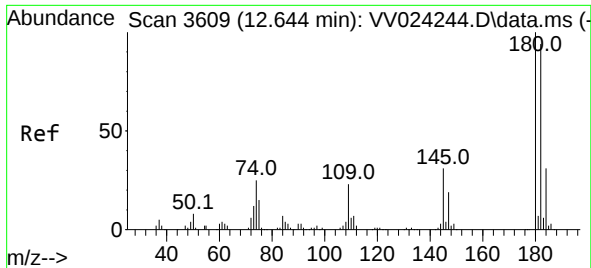
Tgt Ion:146 Resp: 871857
Ion Ratio Lower Upper
146 100
111 39.8 32.0 48.0
148 63.8 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 211.376 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

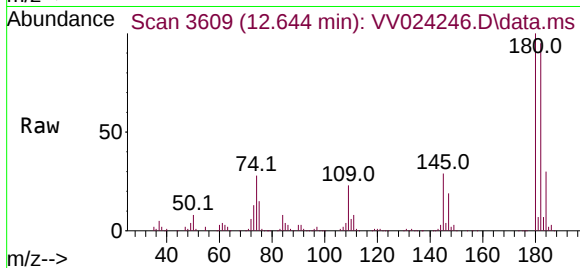
Tgt Ion: 75 Resp: 133759
Ion Ratio Lower Upper
75 100
155 96.0 73.2 109.8
157 126.8 98.5 147.7



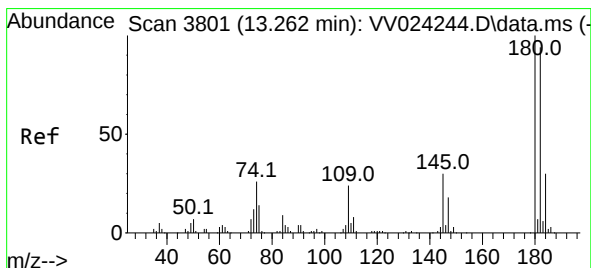
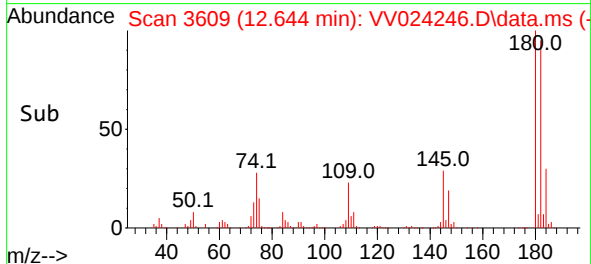
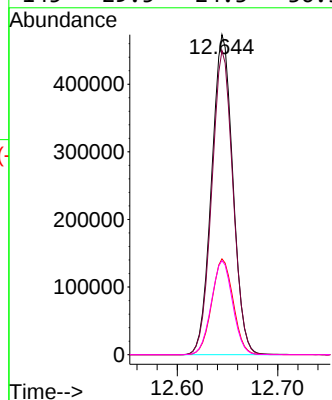


#69
 1,3,5-Trichlorobenzene
 Concen: 211.403 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV024246.D
 Acq: 30 Dec 2021 20:41

Instrument :
 MSVOA_V
 ClientSampleId :

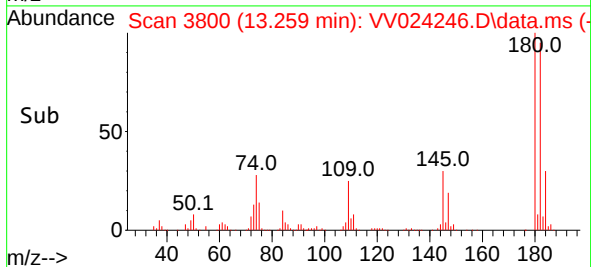
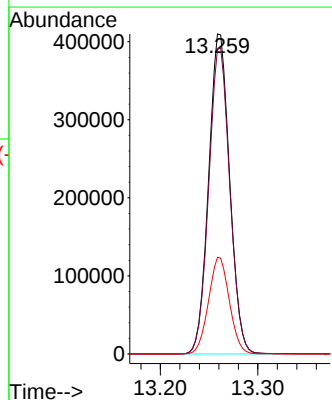
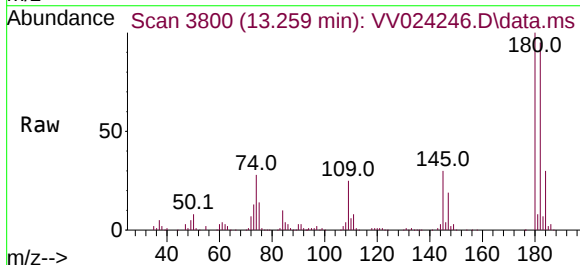


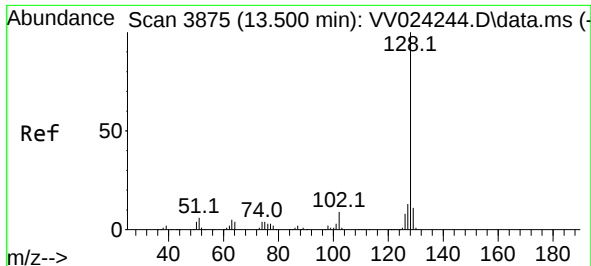
Tgt Ion:180 Resp: 694250
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.4 113.2
 184 30.1 24.7 37.1
 145 29.5 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 218.726 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.003 min
 Lab File: VV024246.D
 Acq: 30 Dec 2021 20:41

Tgt Ion:180 Resp: 614312
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.6 113.4
 145 30.0 23.9 35.9

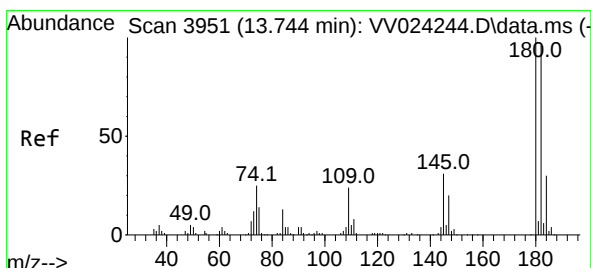
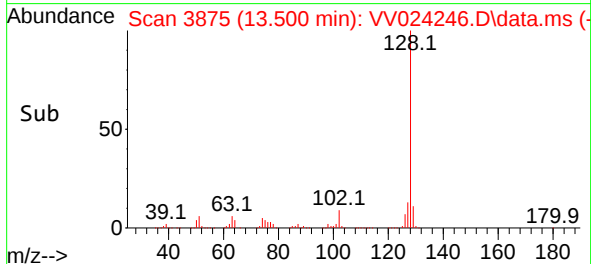
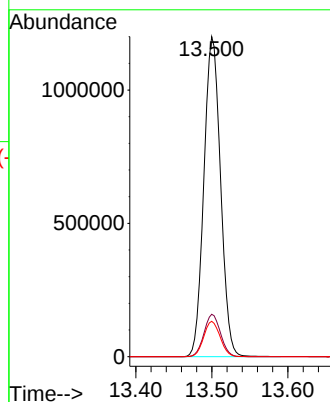
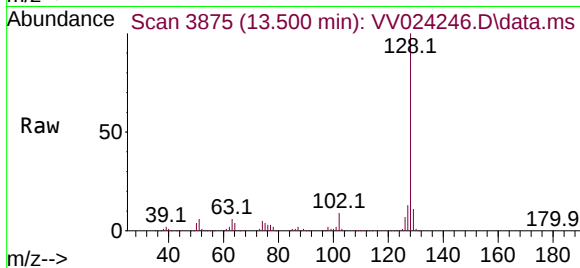




#71
Naphthalene
Concen: 224.748 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1826253
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 209.246 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV024246.D
Acq: 30 Dec 2021 20:41

Tgt Ion:180 Resp: 607389
Ion Ratio Lower Upper
180 100
182 94.9 76.1 114.1
145 31.7 25.0 37.4

