

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026883.D
 Acq On : 22 Jul 2022 12:04
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 22 23:53:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 23:50:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	630521	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	632287	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	375561	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	990956	190.126	ug/L	0.00
7) Chloroethane-d5	1.561	69	692995	157.166	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	1792439	185.065	ug/L	0.00
21) 2-Butanone-d5	3.873	46	1603031	571.569	ug/L	0.00
24) Chloroform-d	4.339	84	2003481	198.741	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	1153970	200.140	ug/L	0.00
32) Benzene-d6	5.043	84	4016276	207.763	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	1269563	207.714	ug/L	0.00
41) Toluene-d8	7.313	98	3648592	214.274	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	601101	244.741	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	1365167	608.832	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	1859454	208.751	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	1466775	199.462	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	1157392	237.033	ug/L	100
3) Chloromethane	1.237	50	1071716	188.376	ug/L	100
5) Vinyl chloride	1.307	62	1190508	196.787	ug/L	100
6) Bromomethane	1.516	94	692114	182.969	ug/L	100
8) Chloroethane	1.577	64	572792	144.513	ug/L	99
9) Trichlorofluoromethane	1.745	101	1594524	189.163	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	924880	187.267	ug/L	99
12) 1,1-Dichloroethene	2.111	96	895498	185.523	ug/L	97
13) Acetone	2.172	43	902253	446.075	ug/L	99
14) Carbon disulfide	2.285	76	2600327	193.620	ug/L	100
15) Methyl Acetate	2.426	43	1055177	248.506	ug/L	99
16) Methylene chloride	2.500	84	1086408	189.603	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	992666	198.822	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	3053101	217.308	ug/L	100
19) 1,1-Dichloroethane	3.182	63	1781190	195.917	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	1134849	212.144	ug/L	99
22) 2-Butanone	3.957	43	1478163	539.880	ug/L	99
23) Bromochloromethane	4.240	128	578866	189.861	ug/L	99
25) Chloroform	4.368	83	1858436	193.199	ug/L	100
27) 1,2-Dichloroethane	5.124	62	1311075	200.325	ug/L	99
29) Cyclohexane	4.670	56	1528698	228.961	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	1614598	195.659	ug/L	99
31) Carbon tetrachloride	4.822	117	1408912	202.444	ug/L	99
33) Benzene	5.092	78	4100557	200.287	ug/L	100
34) Trichloroethene	5.908	95	1044348	201.794	ug/L	99
35) Methylcyclohexane	6.127	83	1740340	222.318	ug/L	98
37) 1,2-Dichloropropane	6.169	63	1063215	197.864	ug/L	100
38) Bromodichloromethane	6.503	83	1406911	204.417	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	1742105	244.446	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	2791309	498.973	ug/L	97
42) Toluene	7.384	91	4360203	203.556	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	1637688	244.495	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026883.D
 Acq On : 22 Jul 2022 12:04
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

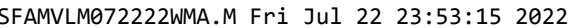
Instrument :
 MSVOA_V
 ClientSampleId :

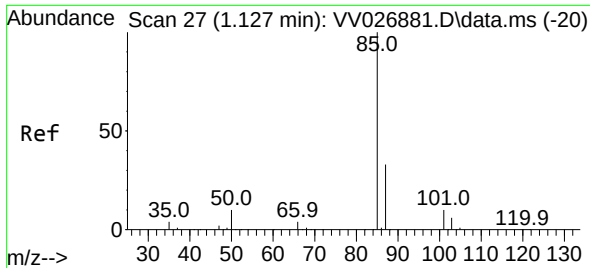
Quant Time: Jul 22 23:53:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 23:50:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	1079488	198.490	ug/L	100
46) Tetrachloroethene	7.973	164	797112	191.683	ug/L	96
48) 2-Hexanone	8.137	43	2157131	504.489	ug/L	97
49) Dibromochloromethane	8.243	129	1190886	224.129	ug/L	99
50) 1,2-Dibromoethane	8.349	107	1143252	206.845	ug/L	98
51) Chlorobenzene	8.879	112	2876841	198.874	ug/L	99
52) Ethylbenzene	9.011	91	4755490	218.404	ug/L	99
53) m,p-Xylene	9.137	106	1890459	221.027	ug/L	97
54) o-Xylene	9.542	106	1858439	225.655	ug/L	100
55) Styrene	9.558	104	3257251	224.811	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	1758318	205.688	ug/L	100
59) Bromoform	9.728	173	848772	245.008	ug/L	100
60) Isopropylbenzene	9.931	105	4802245	211.479	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	1354219	196.997	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	4158746	226.056	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	4186740	227.821	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	2292974	198.231	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	2322249	193.553	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	2302156	195.350	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	414496	259.949	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	1691462	212.740	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	1590837	238.454	ug/L	99
71) Naphthalene	13.500	128	5388362	274.033	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	1598025	231.927	ug/L	100

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

Quant Time: Jul 22 23:53:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 22 23:50:41 2022
Response via : Initial Calibration

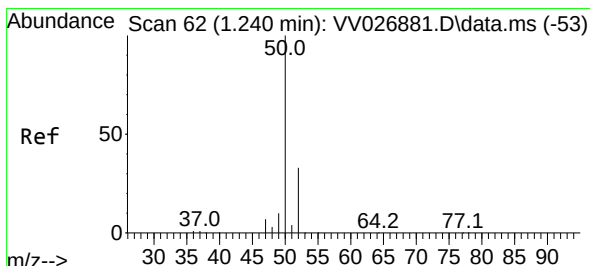
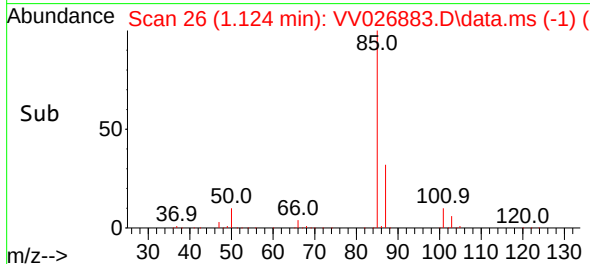
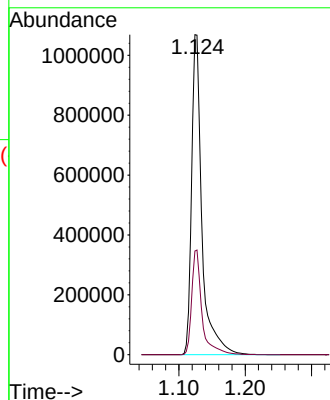
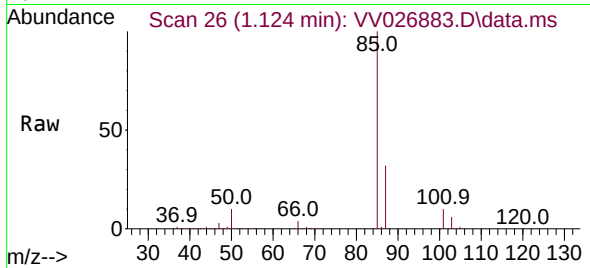




#2
 Dichlorodifluoromethane
 Concen: 237.033 ug/L
 RT: 1.124 min Scan# 2
 Delta R.T. -0.003 min
 Lab File: VV026883.D
 Acq: 22 Jul 2022 12:04

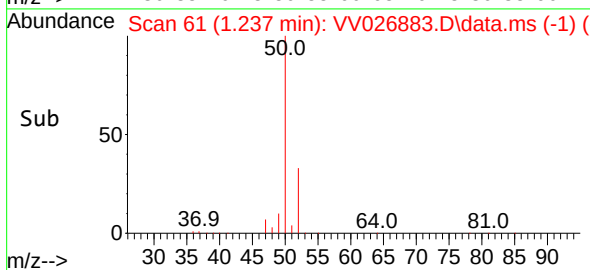
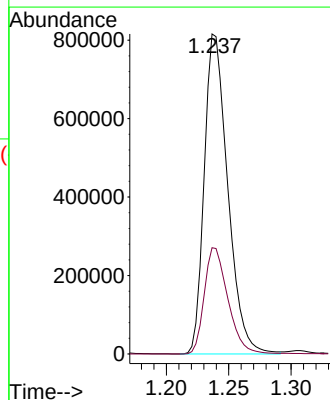
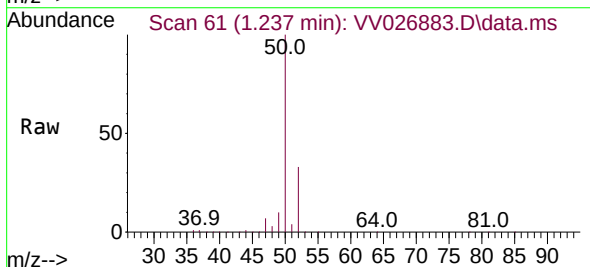
Instrument :
 MSVOA_V
 ClientSampleId :

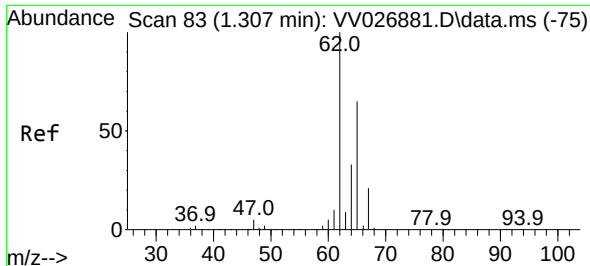
Tgt Ion: 85 Resp: 1157392
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 188.376 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV026883.D
 Acq: 22 Jul 2022 12:04

Tgt Ion: 50 Resp: 1071716
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.1 42.9

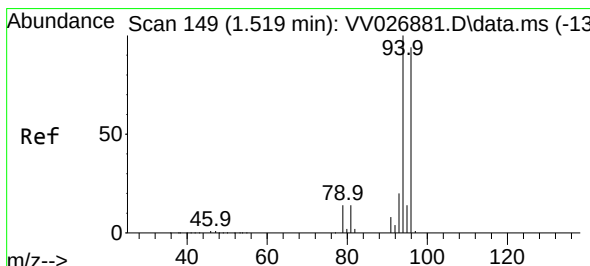
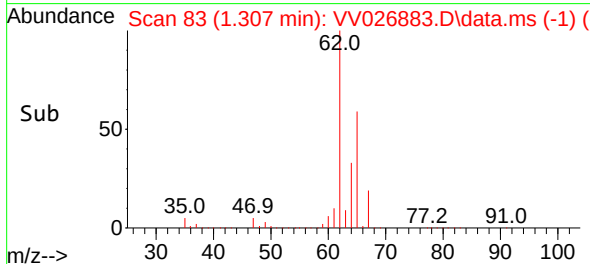
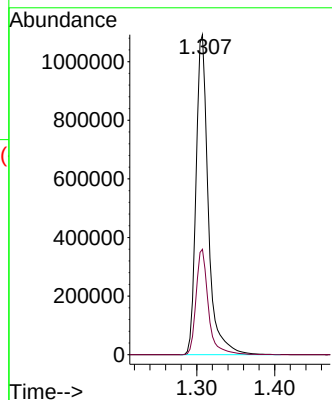
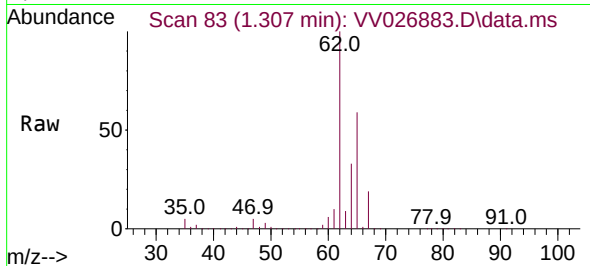




#5
 Vinyl chloride
 Concen: 196.787 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV026883.D
 Acq: 22 Jul 2022 12:04

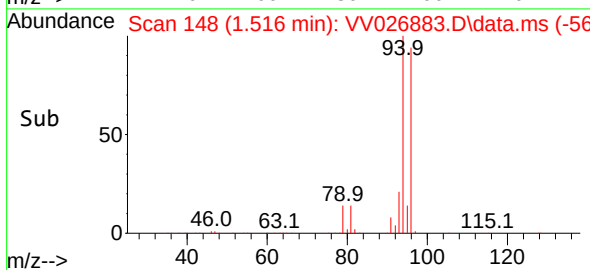
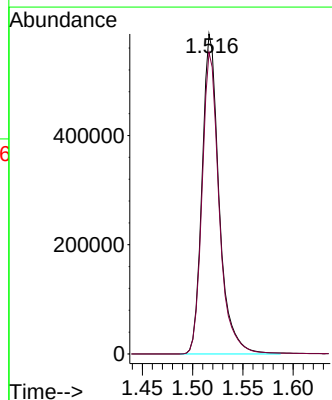
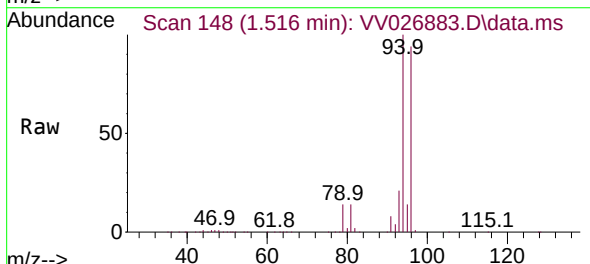
Instrument :
 MSVOA_V
 ClientSampleId :

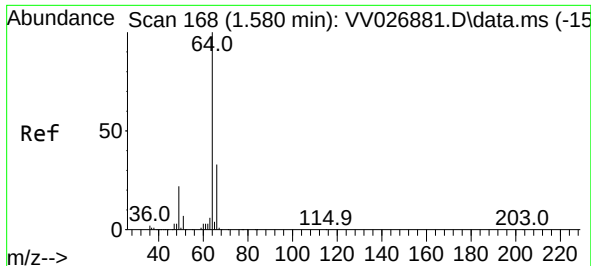
Tgt Ion: 62 Resp: 1190508
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.6



#6
 Bromomethane
 Concen: 182.969 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV026883.D
 Acq: 22 Jul 2022 12:04

Tgt Ion: 94 Resp: 692114
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.8 122.2

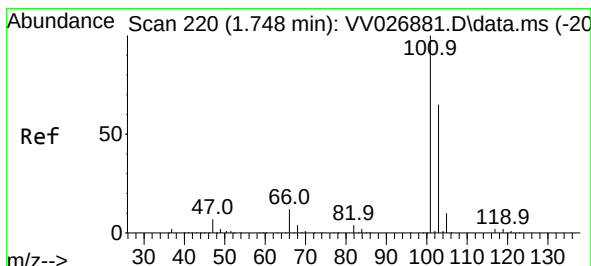
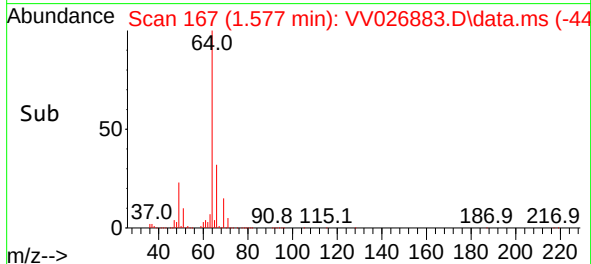
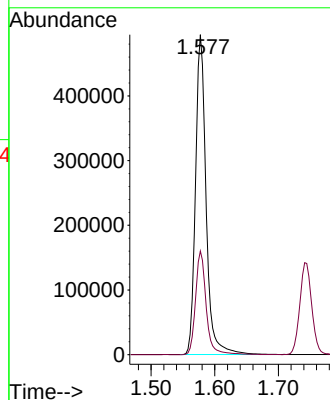
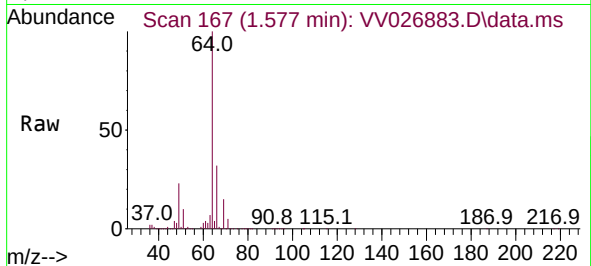




#8
Chloroethane
Concen: 144.513 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

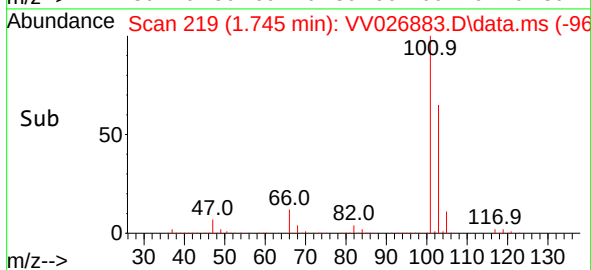
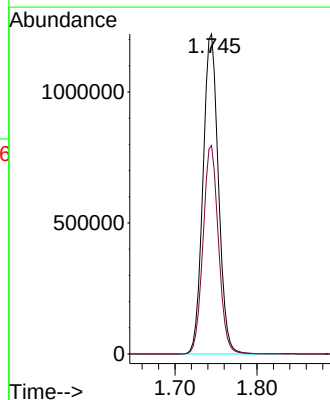
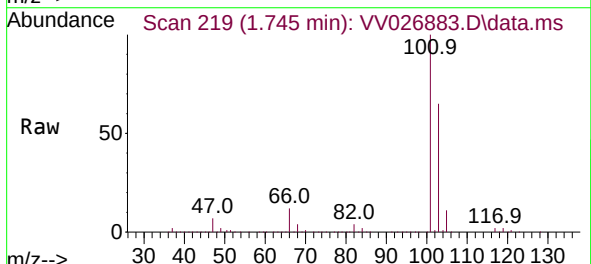
Instrument :
MSVOA_V
ClientSampleId :

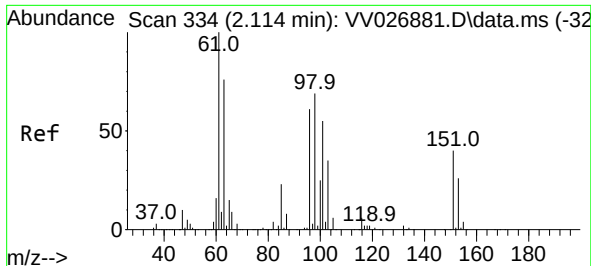
Tgt Ion: 64 Resp: 572792
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.0



#9
Trichlorofluoromethane
Concen: 189.163 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Tgt Ion: 101 Resp: 1594524
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8

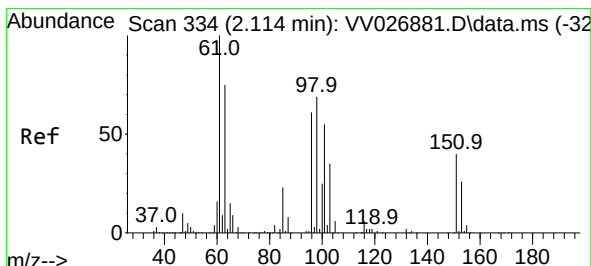
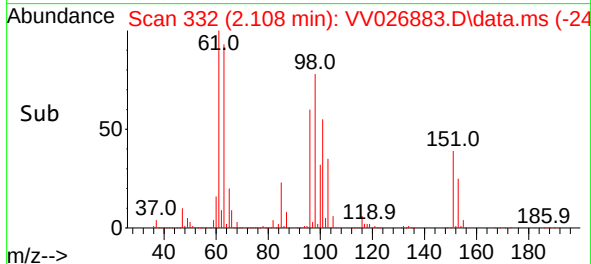
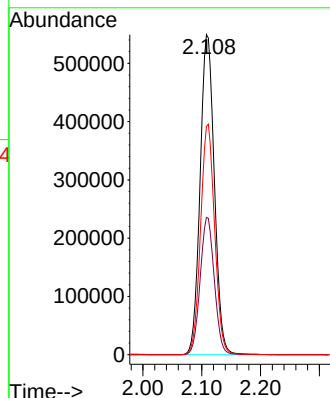
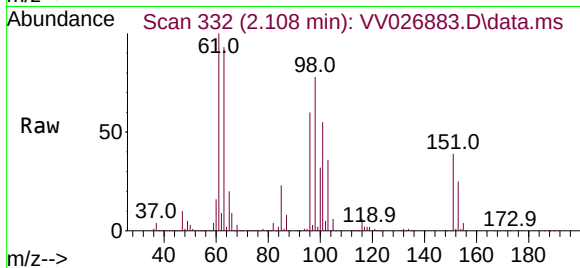




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 187.267 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VV026883.D
 Acq: 22 Jul 2022 12:04

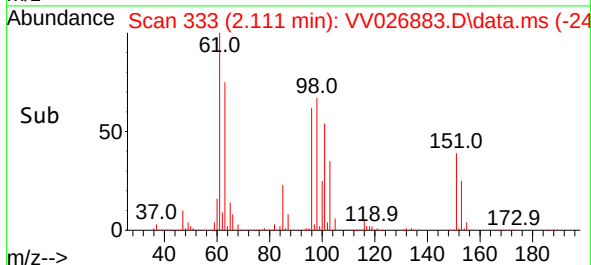
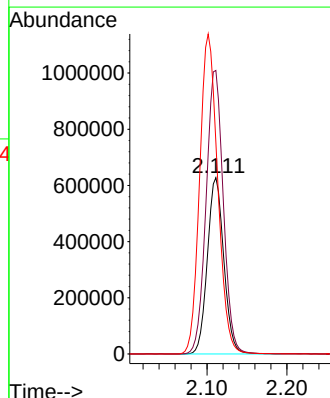
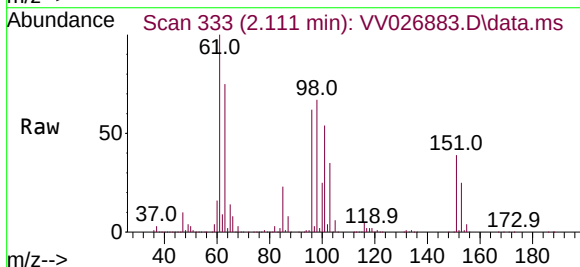
Instrument :
 MSVOA_V
 ClientSampleId :

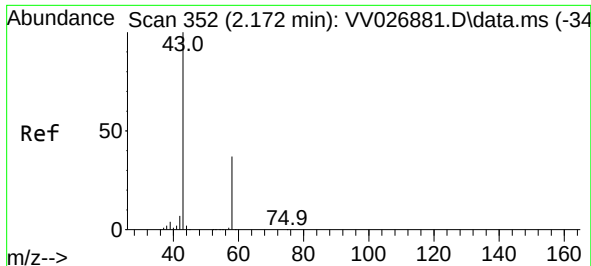
Tgt Ion:101 Resp: 924880
 Ion Ratio Lower Upper
 101 100
 85 42.6 33.1 49.7
 151 71.2 57.1 85.7



#12
 1,1-Dichloroethene
 Concen: 185.523 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV026883.D
 Acq: 22 Jul 2022 12:04

Tgt Ion: 96 Resp: 895498
 Ion Ratio Lower Upper
 96 100
 61 160.8 114.2 212.0
 63 120.0 87.0 161.6

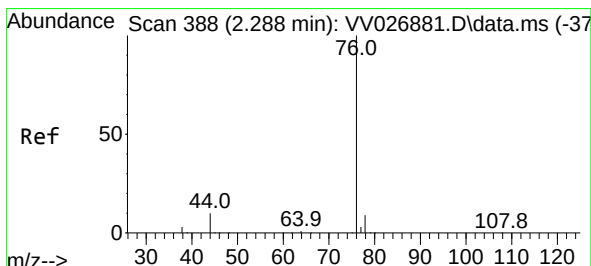
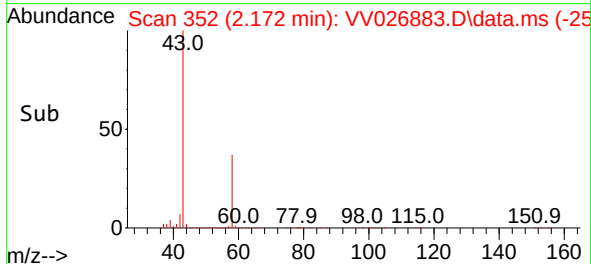
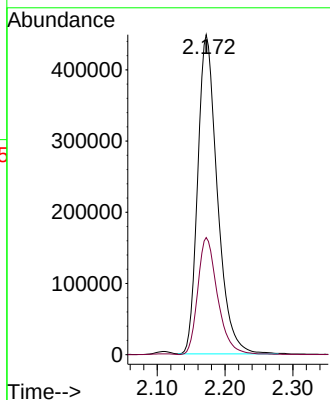
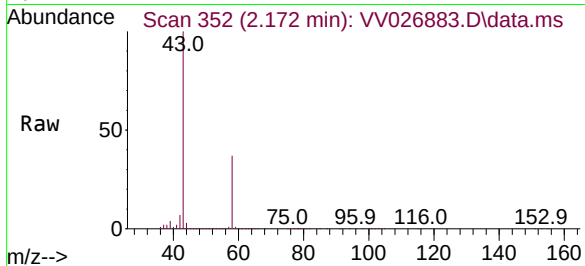




#13
Acetone
Concen: 446.075 ug/L
RT: 2.172 min Scan# 352
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

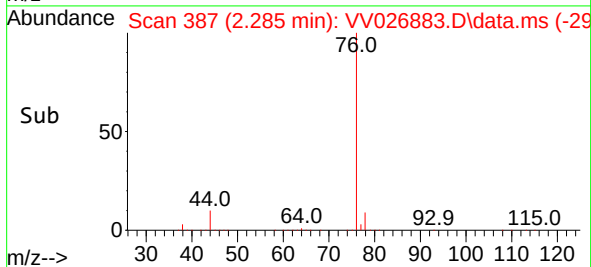
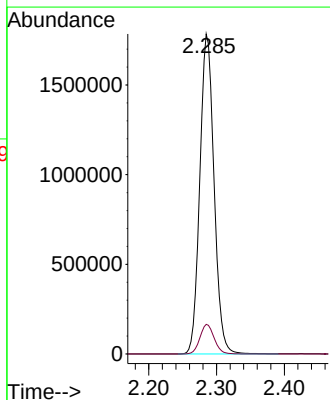
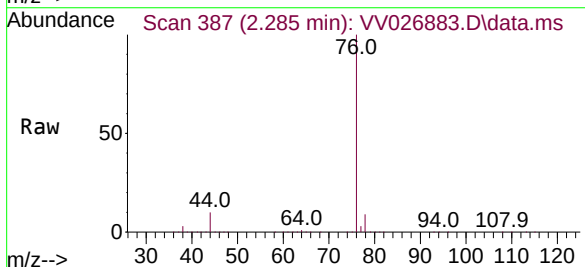
Instrument :
MSVOA_V
ClientSampleId :

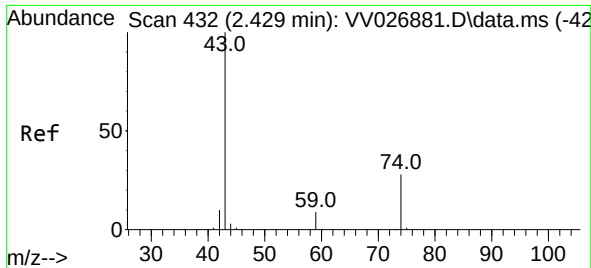
Tgt Ion: 43 Resp: 902253
Ion Ratio Lower Upper
43 100
58 36.8 0.0 72.6



#14
Carbon disulfide
Concen: 193.620 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.003 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Tgt Ion: 76 Resp: 2600327
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

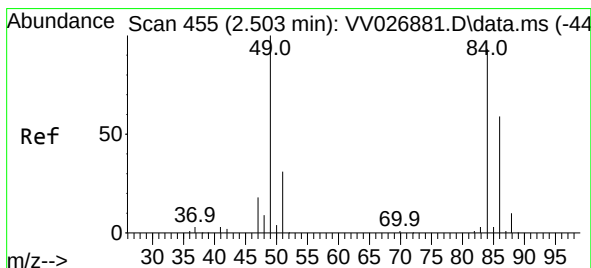
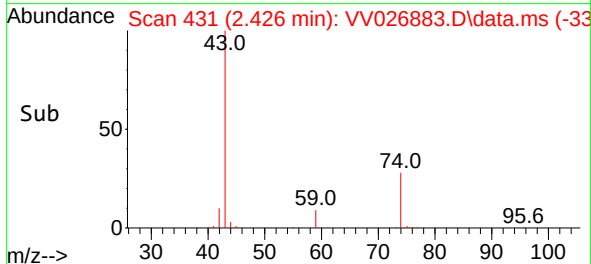
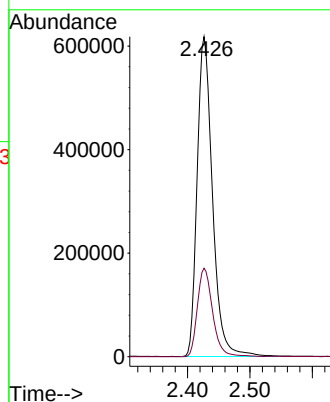
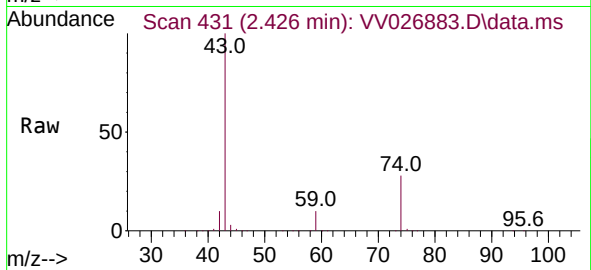




#15
Methyl Acetate
Concen: 248.506 ug/L
RT: 2.426 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

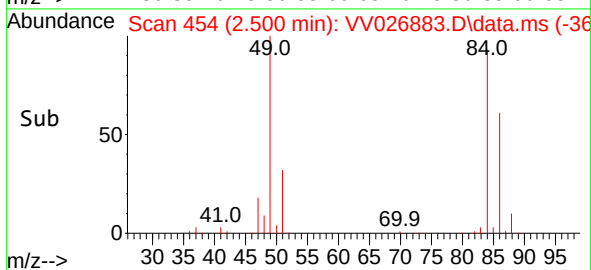
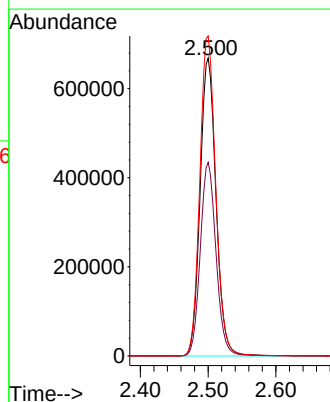
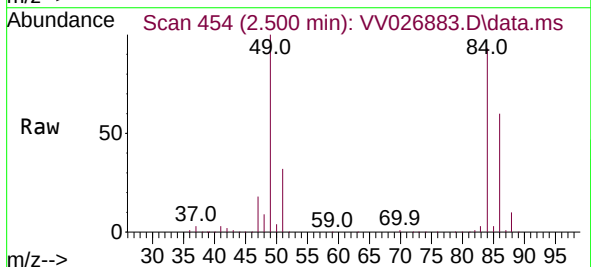
Instrument :
MSVOA_V
ClientSampleId :

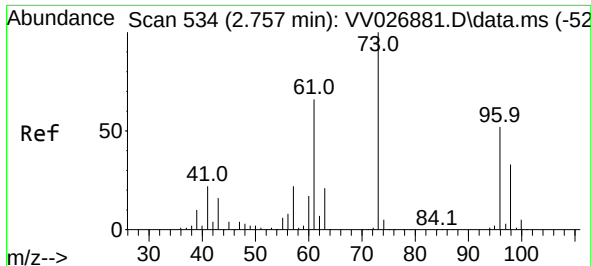
Tgt Ion: 43 Resp: 1055177
Ion Ratio Lower Upper
43 100
74 27.3 22.1 33.1



#16
Methylene chloride
Concen: 189.603 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Tgt Ion: 84 Resp: 1086408
Ion Ratio Lower Upper
84 100
86 65.0 44.5 82.7
49 107.4 75.0 139.2

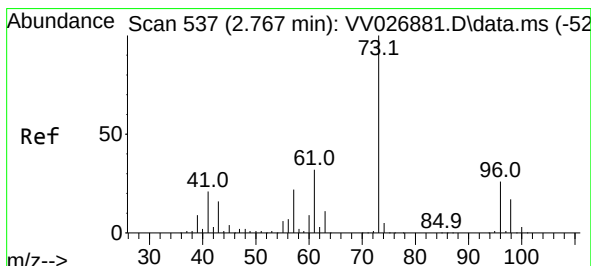
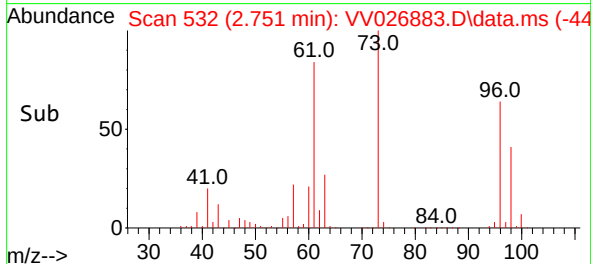
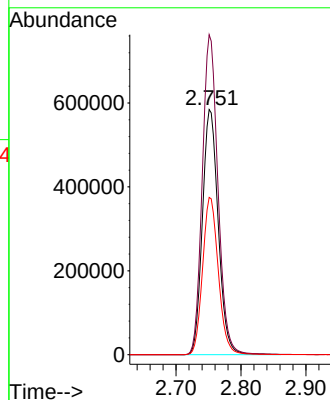
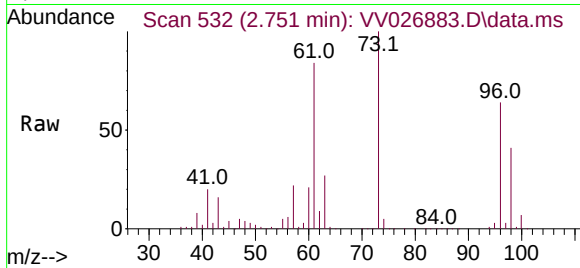




#17
trans-1,2-Dichloroethene
Concen: 198.822 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

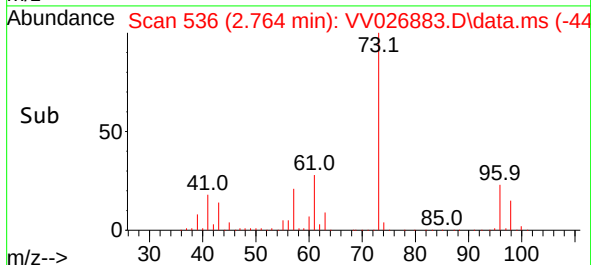
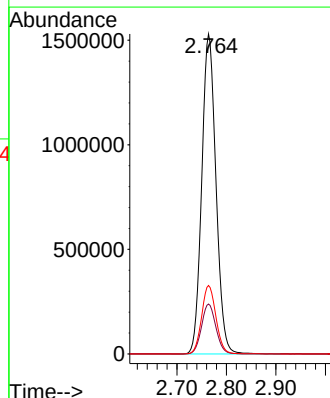
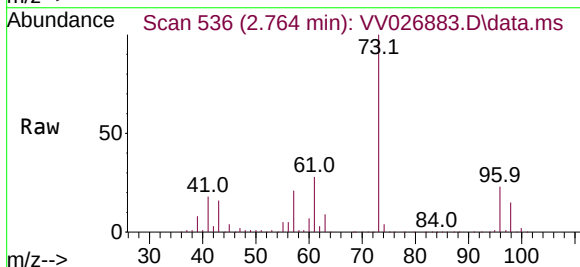
Instrument :
MSVOA_V
ClientSampleId :

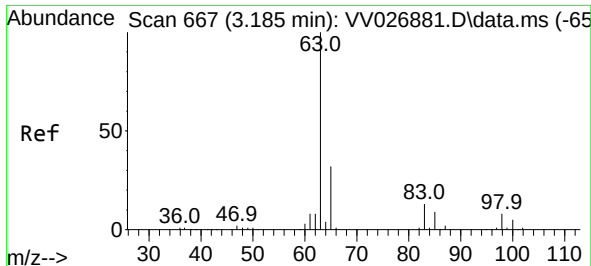
Tgt Ion: 96 Resp: 992666
Ion Ratio Lower Upper
96 100
61 130.5 89.2 165.6
98 64.1 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 217.308 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Tgt Ion: 73 Resp: 3053101
Ion Ratio Lower Upper
73 100
43 15.7 12.8 19.2
57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 195.917 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV026883.D

Acq: 22 Jul 2022 12:04

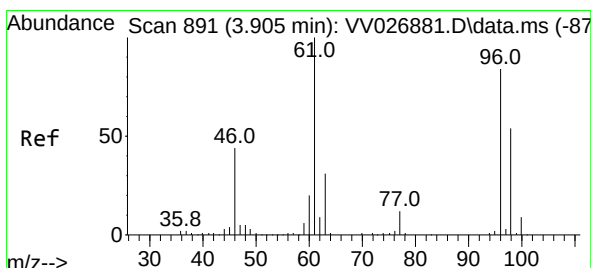
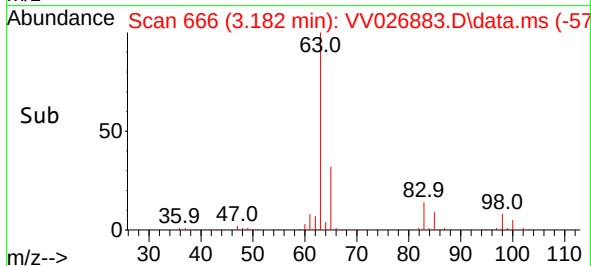
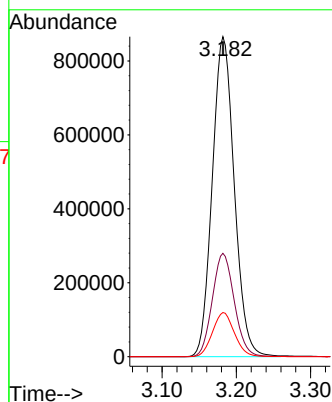
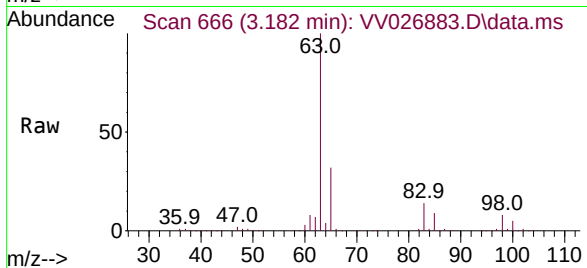
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63 Resp: 1781190

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.6	42.0
83	13.8	9.4	17.4



#20

cis-1,2-Dichloroethene

Concen: 212.144 ug/L

RT: 3.902 min Scan# 890

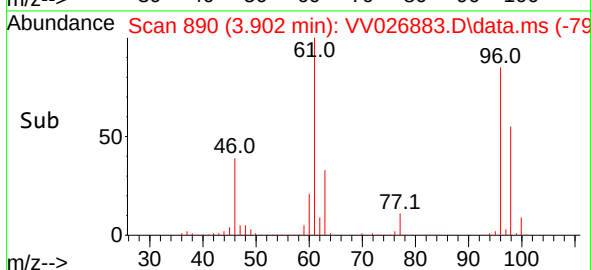
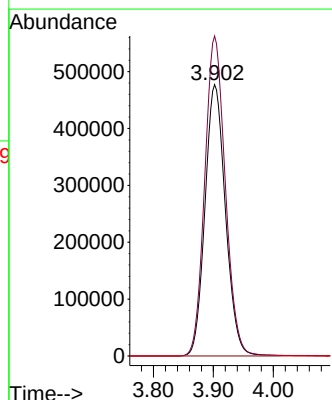
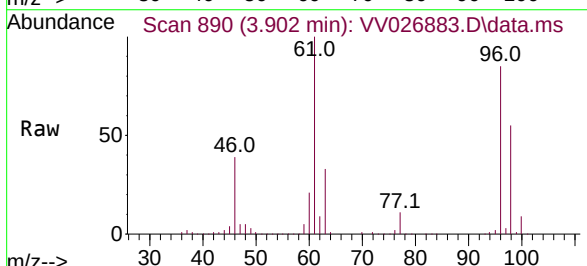
Delta R.T. -0.003 min

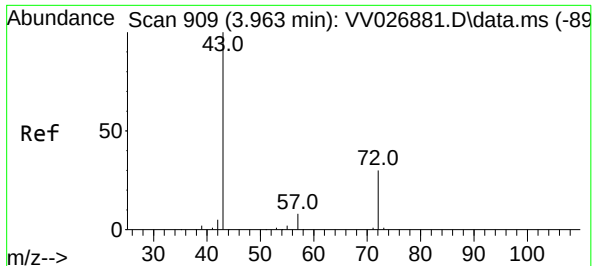
Lab File: VV026883.D

Acq: 22 Jul 2022 12:04

Tgt Ion: 96 Resp: 1134849

Ion	Ratio	Lower	Upper
96	100		
61	117.9	83.0	154.1
68	0.0	0.0	0.0

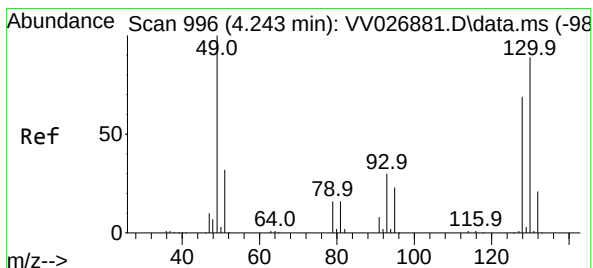
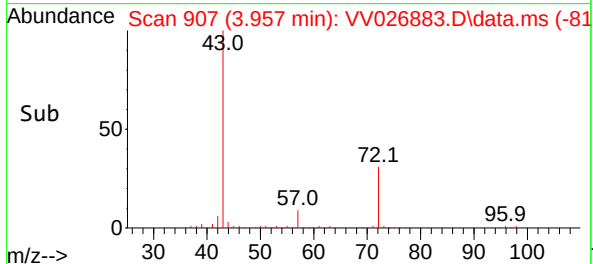
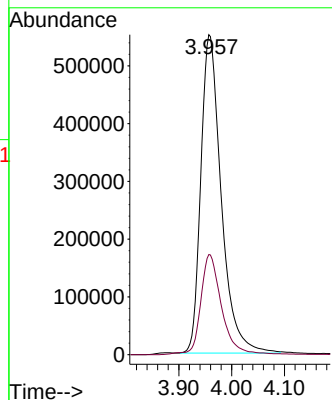
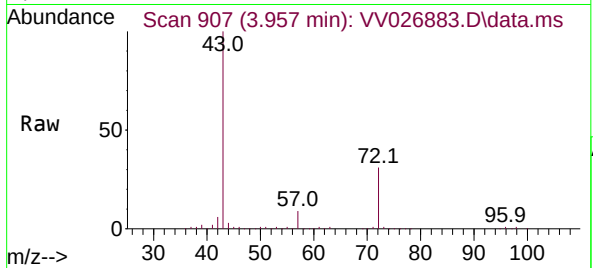




#22
2-Butanone
Concen: 539.880 ug/L
RT: 3.957 min Scan# 909
Delta R.T. -0.006 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

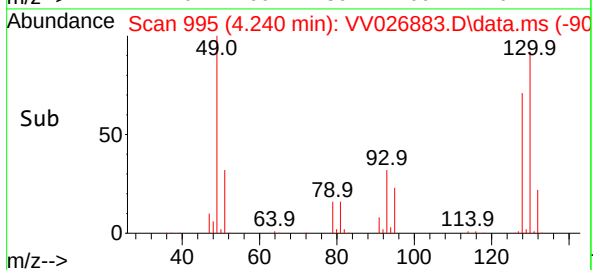
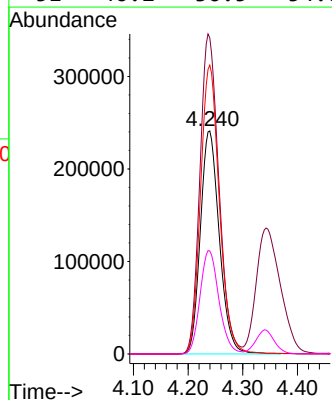
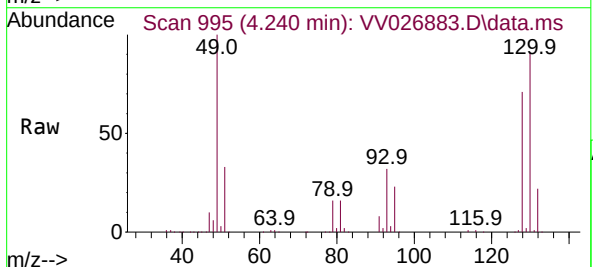
Instrument :
MSVOA_V
ClientSampleId :

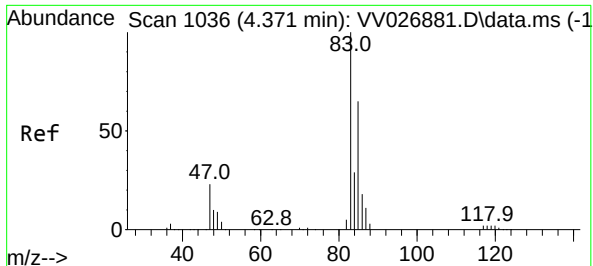
Tgt Ion: 43 Resp: 1478163
Ion Ratio Lower Upper
43 100
72 30.3 14.9 44.5



#23
Bromochloromethane
Concen: 189.861 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Tgt Ion:128 Resp: 578866
Ion Ratio Lower Upper
128 100
49 141.6 101.0 187.6
130 129.4 90.0 167.2
51 46.2 36.5 54.7

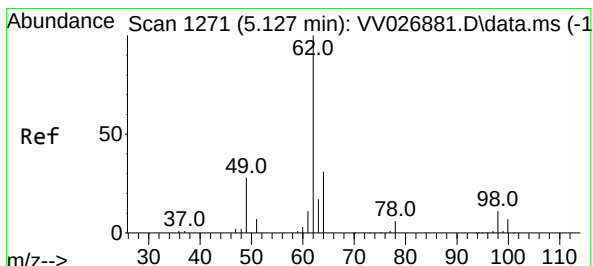
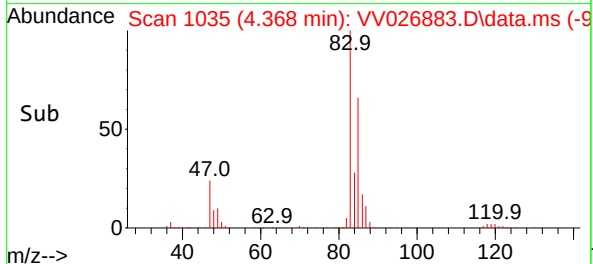
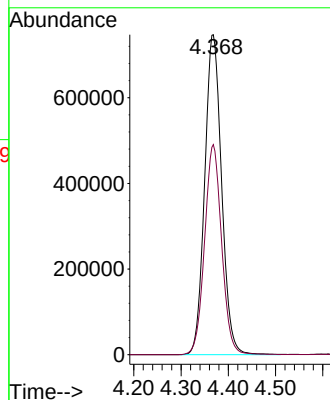
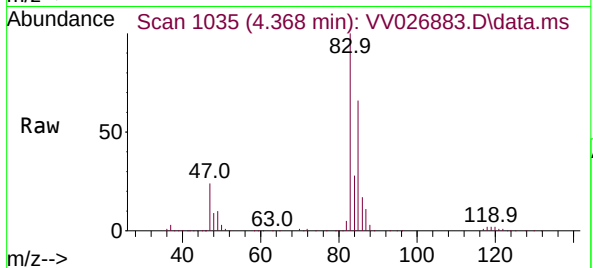




#25
Chloroform
Concen: 193.199 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

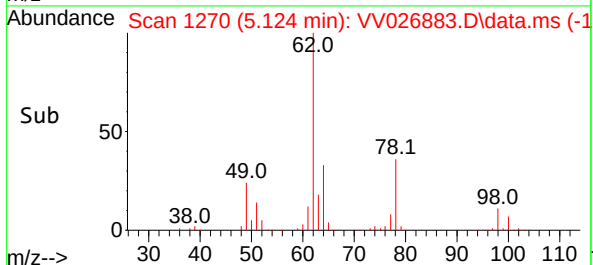
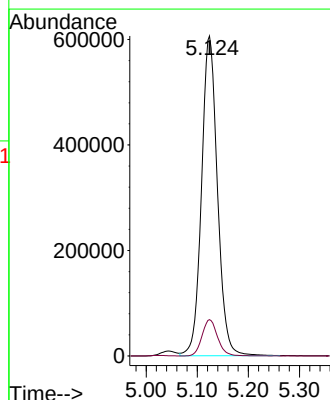
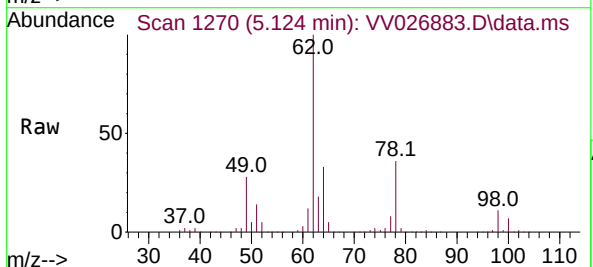
Instrument :
MSVOA_V
ClientSampleId :

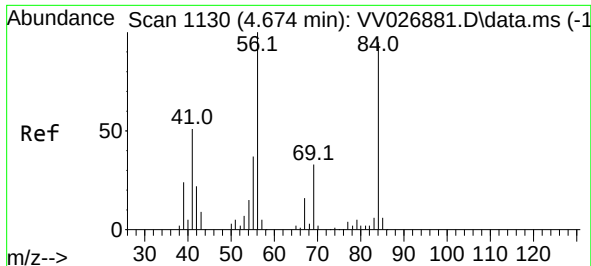
Tgt Ion: 83 Resp: 1858436
Ion Ratio Lower Upper
83 100
85 65.6 45.8 85.0



#27
1,2-Dichloroethane
Concen: 200.325 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Tgt Ion: 62 Resp: 1311075
Ion Ratio Lower Upper
62 100
98 11.4 8.9 13.3





#29

Cyclohexane

Concen: 228.961 ug/L

RT: 4.670 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV026883.D

Acq: 22 Jul 2022 12:04

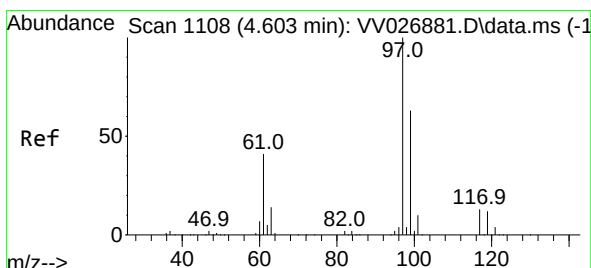
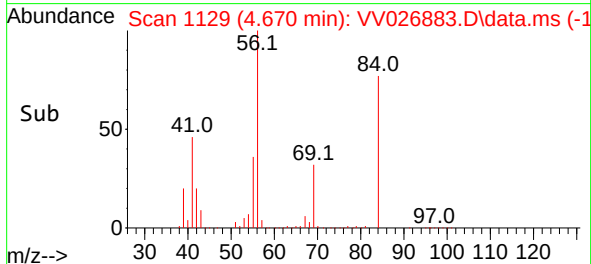
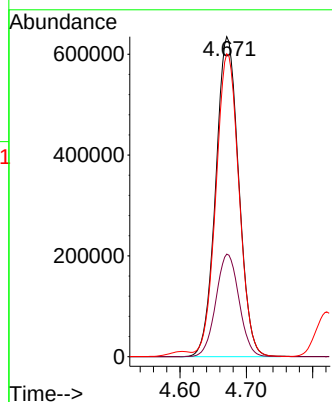
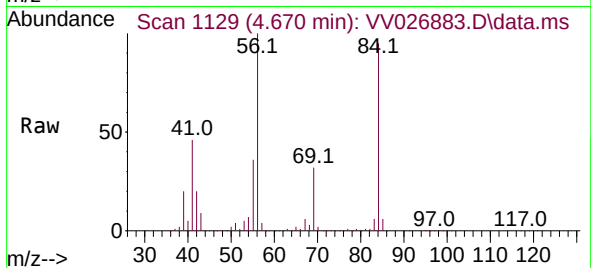
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 56 Resp: 1528698

Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.7	38.5
84	95.0	77.0	115.6



#30

1,1,1-Trichloroethane

Concen: 195.659 ug/L

RT: 4.603 min Scan# 1108

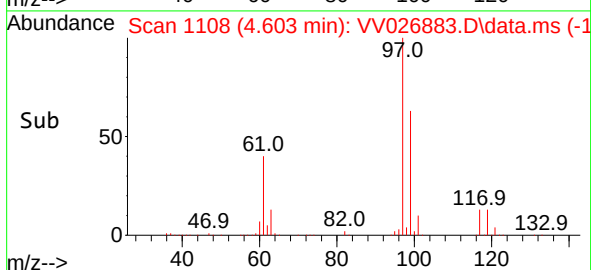
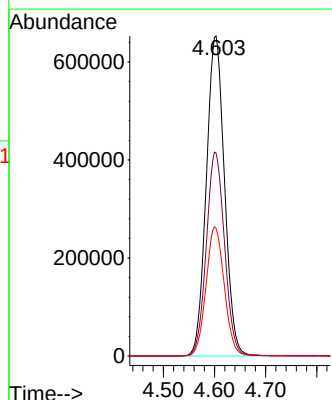
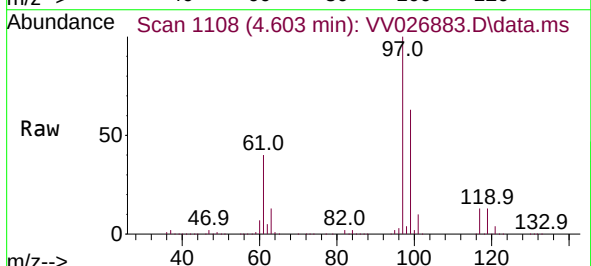
Delta R.T. 0.000 min

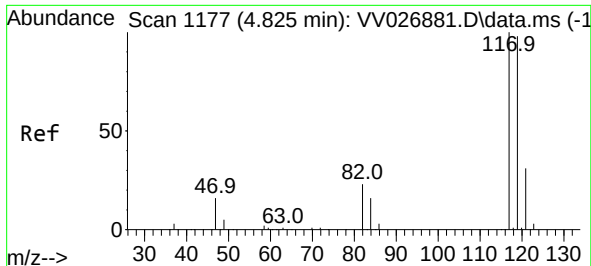
Lab File: VV026883.D

Acq: 22 Jul 2022 12:04

Tgt Ion: 97 Resp: 1614598

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.6
61	40.5	33.1	49.7

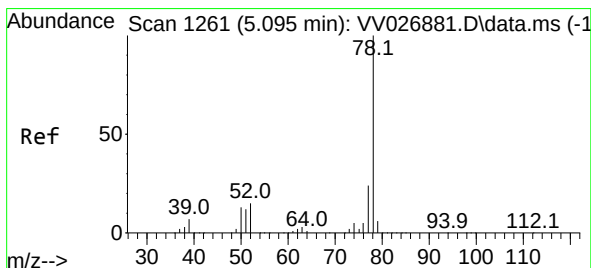
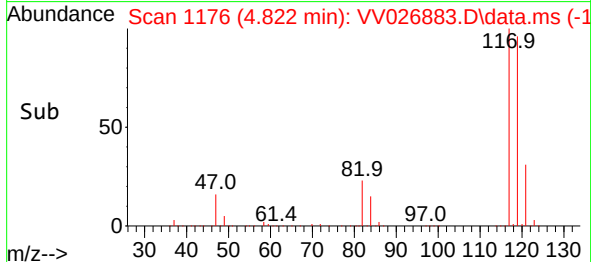
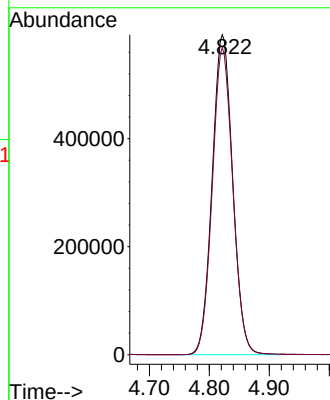
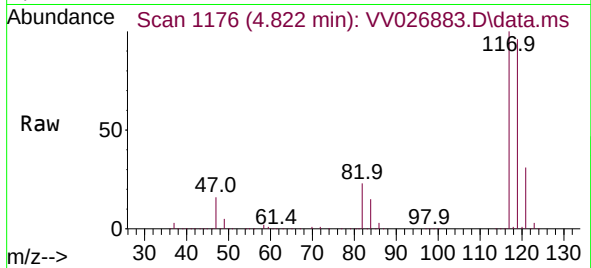




#31
Carbon tetrachloride
Concen: 202.444 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

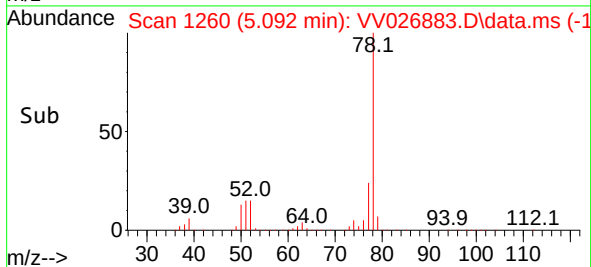
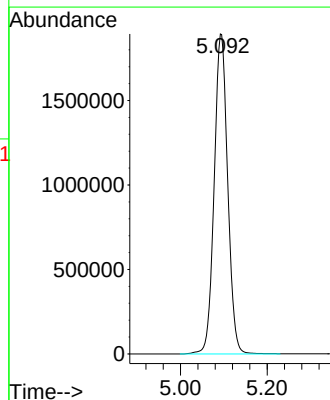
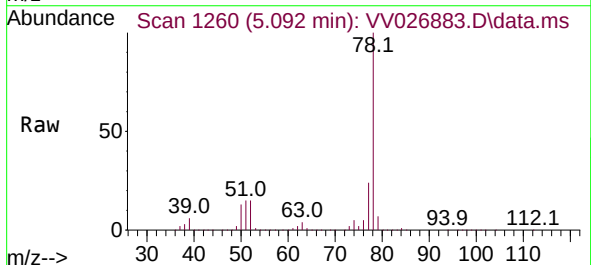
Instrument :
MSVOA_V
ClientSampleId :

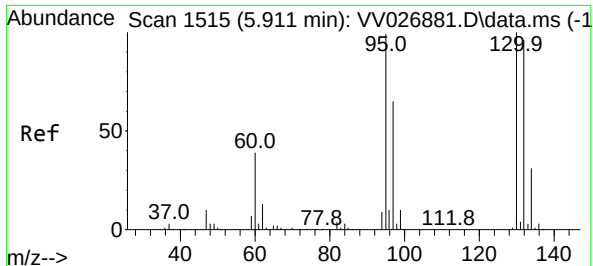
Tgt Ion:117 Resp: 1408912
Ion Ratio Lower Upper
117 100
119 95.6 77.3 115.9



#33
Benzene
Concen: 200.287 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Tgt Ion: 78 Resp: 4100557





#34

Trichloroethene

Concen: 201.794 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026883.D

Acq: 22 Jul 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1044348

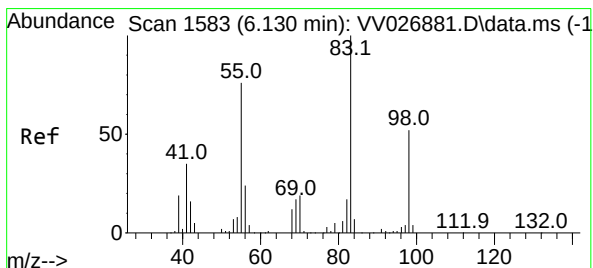
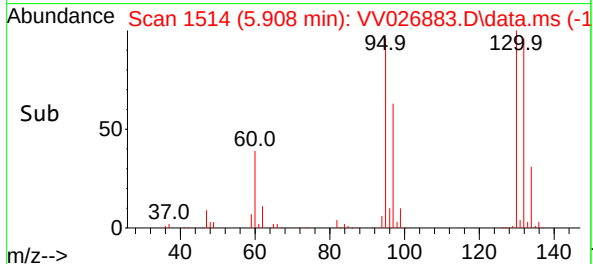
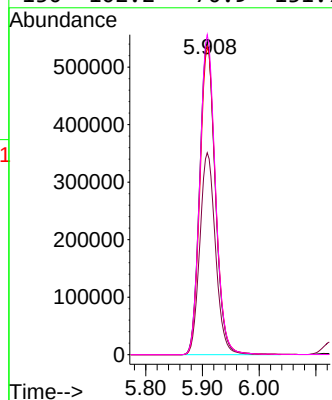
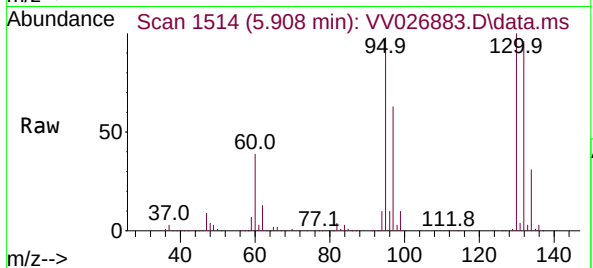
Ion Ratio Lower Upper

95 100

97 64.5 45.9 85.3

132 98.4 68.1 126.5

130 102.2 70.9 131.7



#35

Methylcyclohexane

Concen: 222.318 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV026883.D

Acq: 22 Jul 2022 12:04

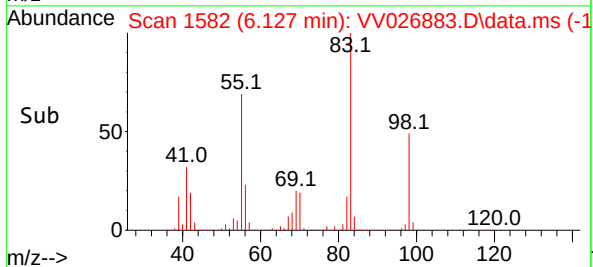
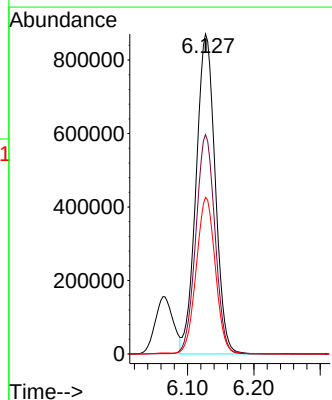
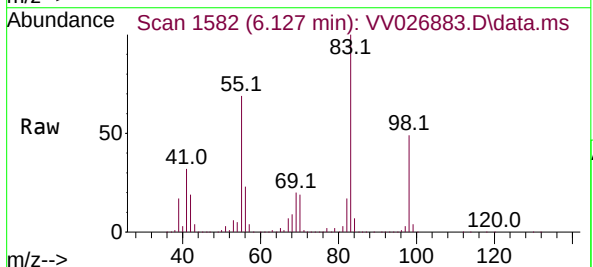
Tgt Ion: 83 Resp: 1740340

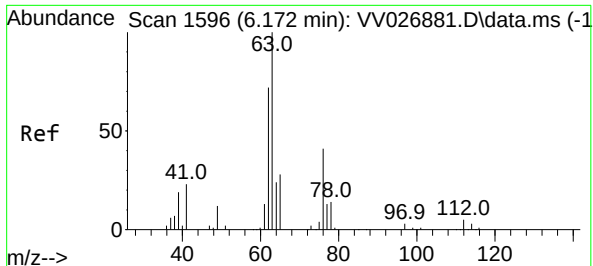
Ion Ratio Lower Upper

83 100

55 68.7 57.4 86.2

98 49.1 39.4 59.0





#37

1,2-Dichloropropane

Concen: 197.864 ug/L

RT: 6.169 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV026883.D

Acq: 22 Jul 2022 12:04

Instrument :

MSVOA_V

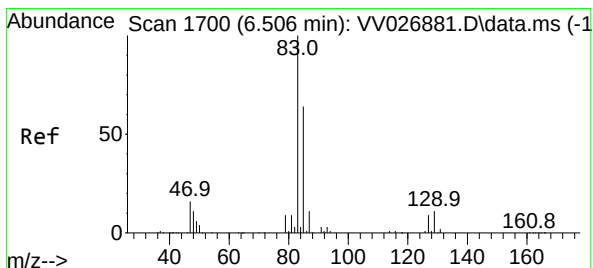
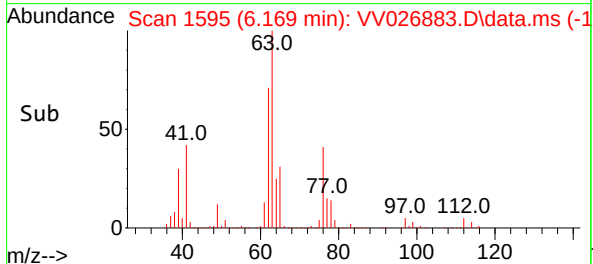
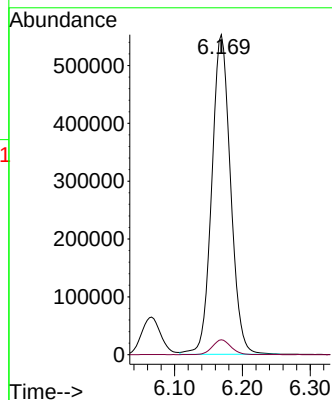
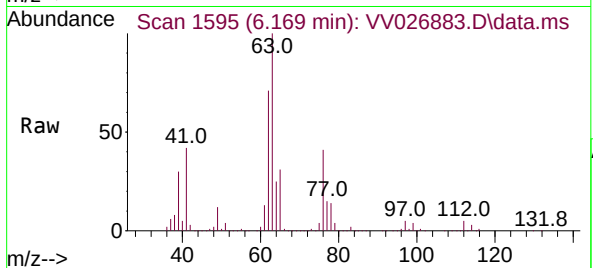
ClientSampleId :

Tgt Ion: 63 Resp: 1063215

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 204.417 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV026883.D

Acq: 22 Jul 2022 12:04

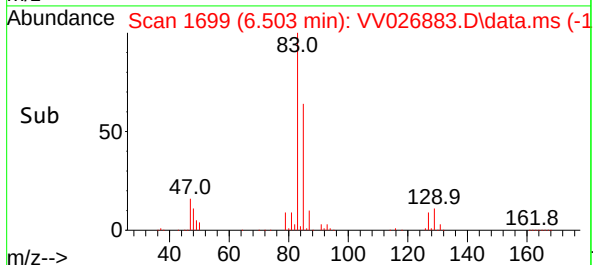
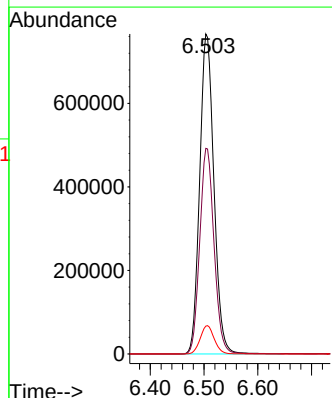
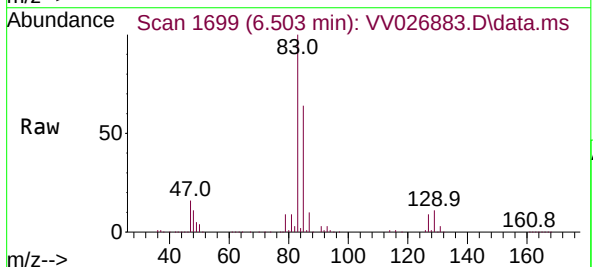
Tgt Ion: 83 Resp: 1406911

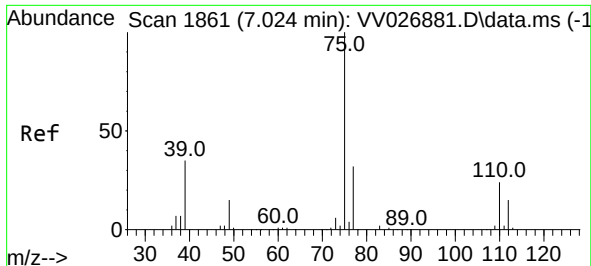
Ion Ratio Lower Upper

83 100

85 64.3 45.1 83.9

127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 244.446 ug/L

RT: 7.021 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV026883.D

Acq: 22 Jul 2022 12:04

Instrument :

MSVOA_V

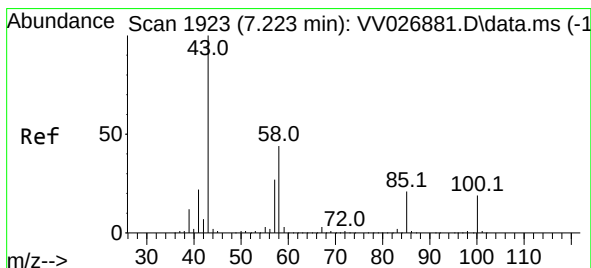
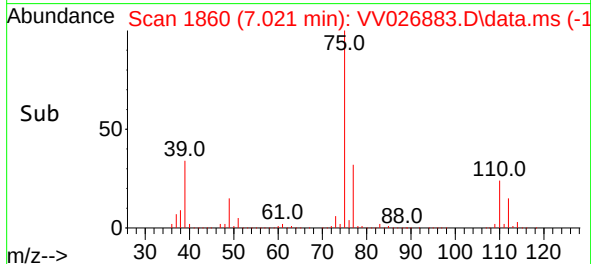
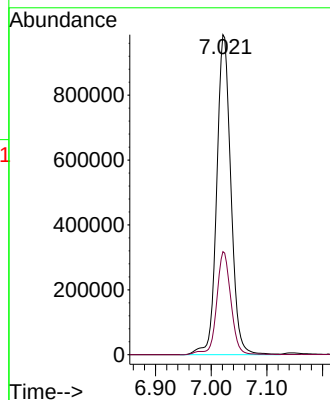
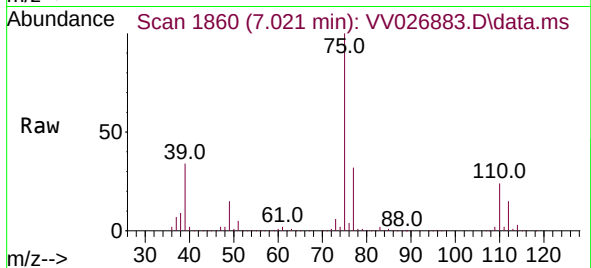
ClientSampleId :

Tgt Ion: 75 Resp: 1742105

Ion Ratio Lower Upper

75 100

77 32.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 498.973 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV026883.D

Acq: 22 Jul 2022 12:04

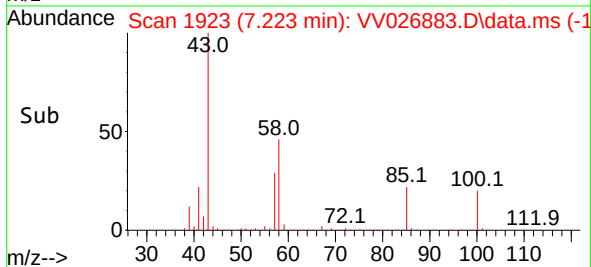
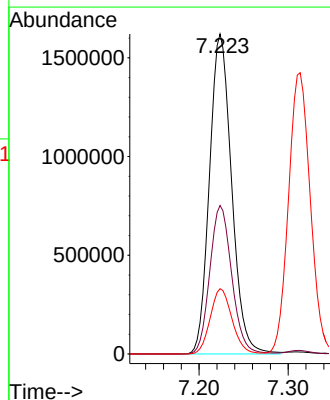
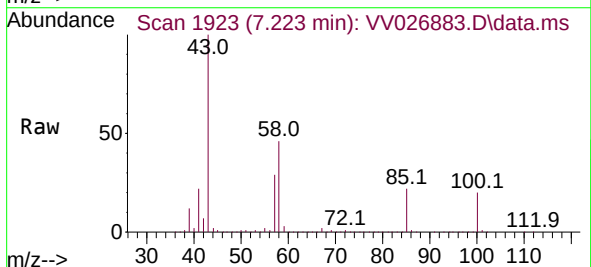
Tgt Ion: 43 Resp: 2791309

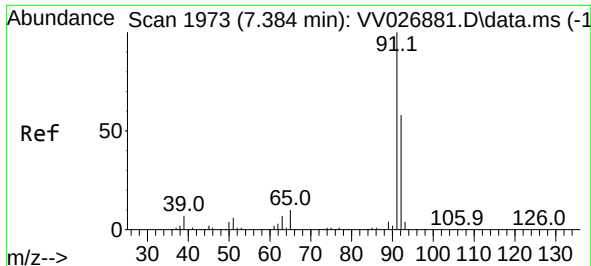
Ion Ratio Lower Upper

43 100

58 46.0 35.0 52.6

100 20.1 15.4 23.0

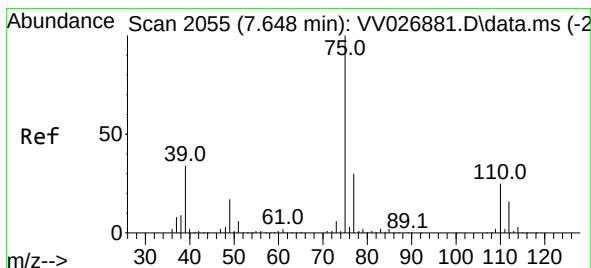
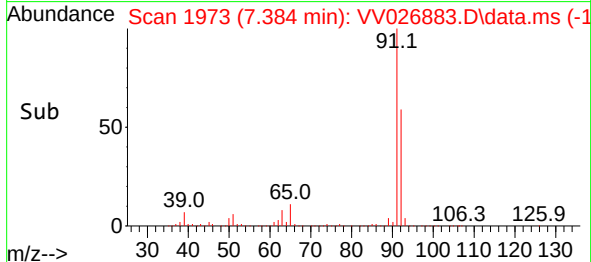
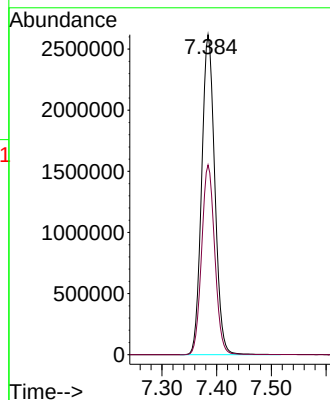
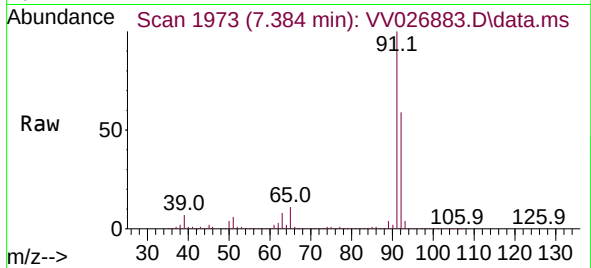




#42
Toluene
Concen: 203.556 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

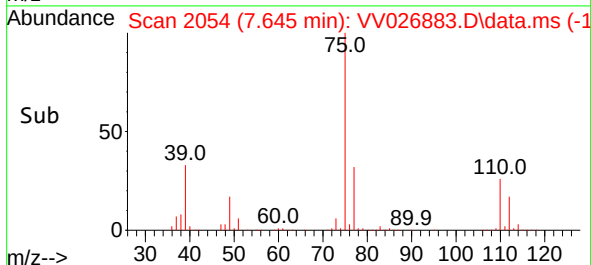
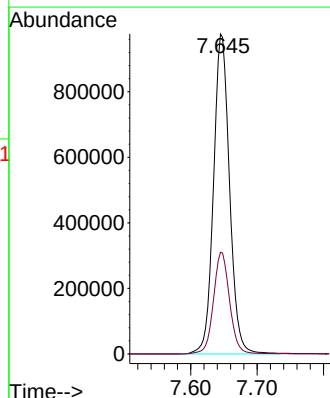
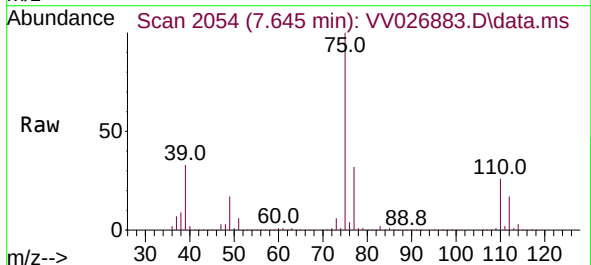
Instrument :
MSVOA_V
ClientSampleId :

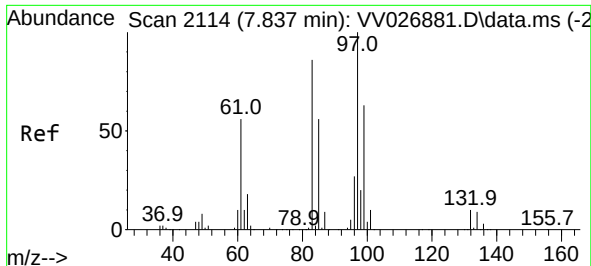
Tgt Ion: 91 Resp: 4360203
Ion Ratio Lower Upper
91 100
92 59.3 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 244.495 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Tgt Ion: 75 Resp: 1637688
Ion Ratio Lower Upper
75 100
77 31.8 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 198.490 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV026883.D

Acq: 22 Jul 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 1079488

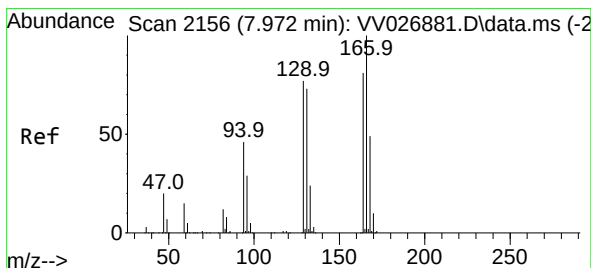
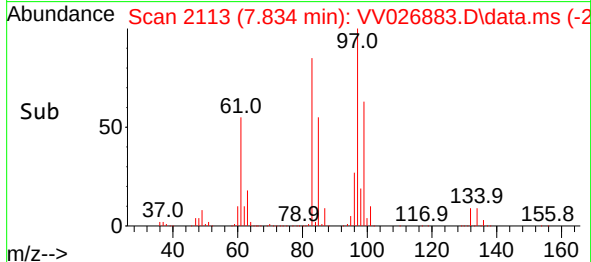
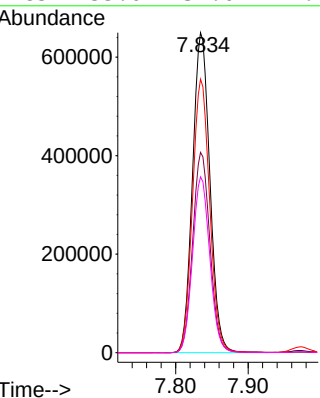
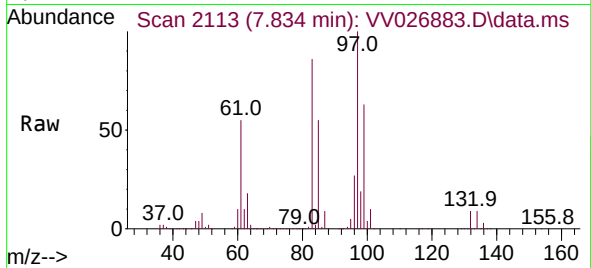
Ion Ratio Lower Upper

97 100

99 62.6 44.0 81.8

83 85.5 59.9 111.3

85 55.0 39.0 72.4



#46

Tetrachloroethene

Concen: 191.683 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV026883.D

Acq: 22 Jul 2022 12:04

Tgt Ion:164 Resp: 797112

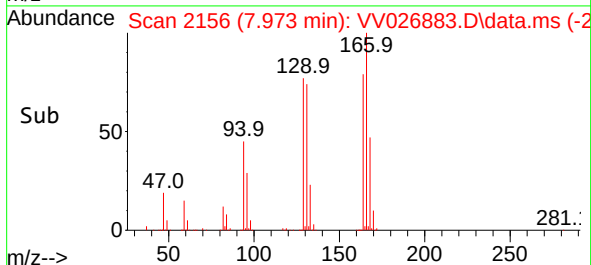
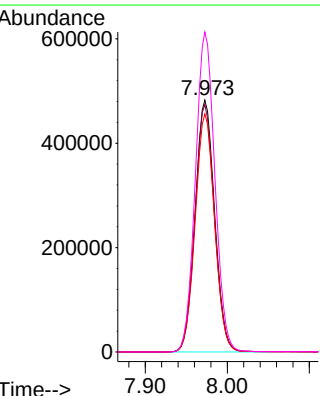
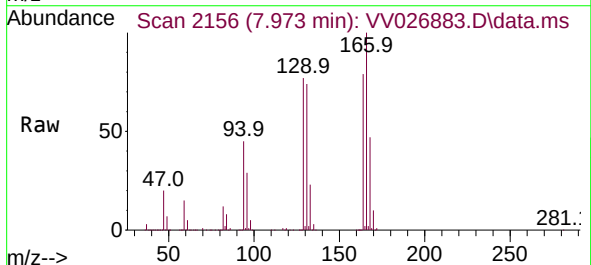
Ion Ratio Lower Upper

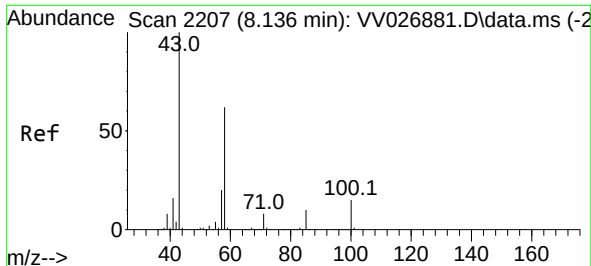
164 100

129 98.2 66.3 123.1

131 94.5 63.1 117.3

166 127.0 86.2 160.2



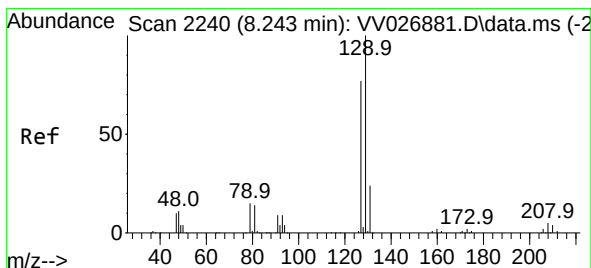
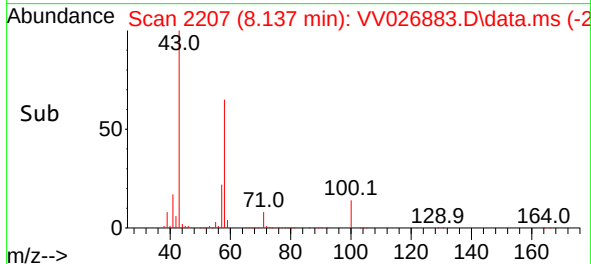
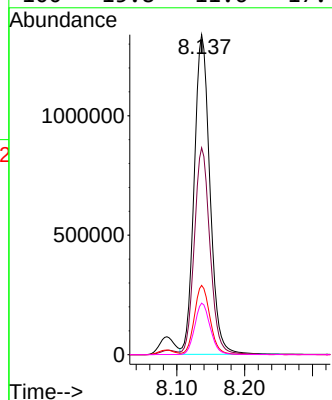
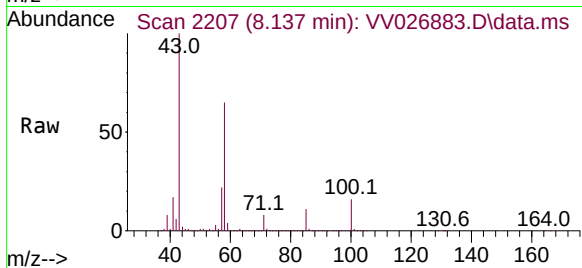


#48
2-Hexanone
Concen: 504.489 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 2157131

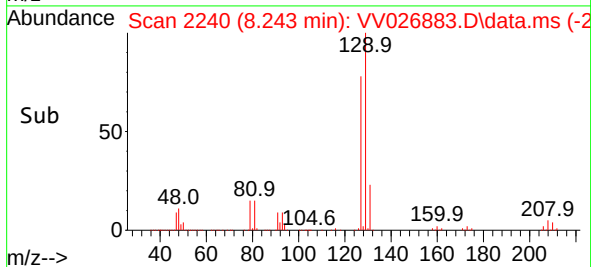
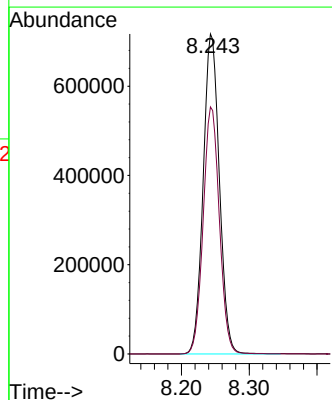
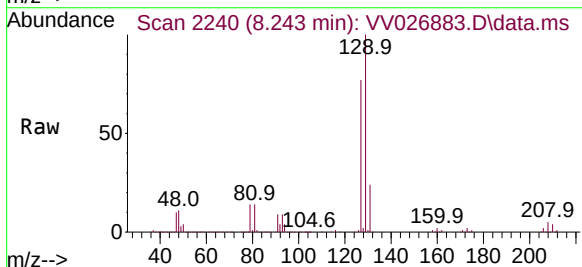
Ion	Ratio	Lower	Upper
43	100		
58	63.9	48.8	73.2
57	21.3	16.6	24.8
100	15.8	11.6	17.4

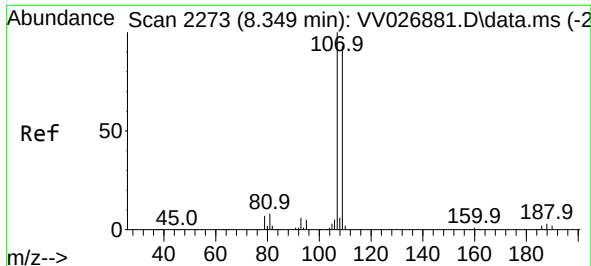


#49
Dibromochloromethane
Concen: 224.129 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Tgt Ion: 129 Resp: 1190886

Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.7	99.7

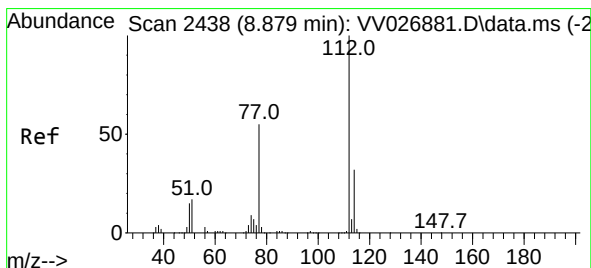
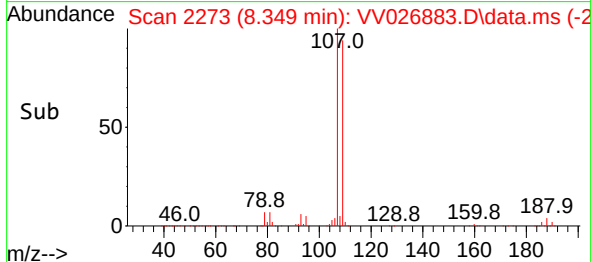
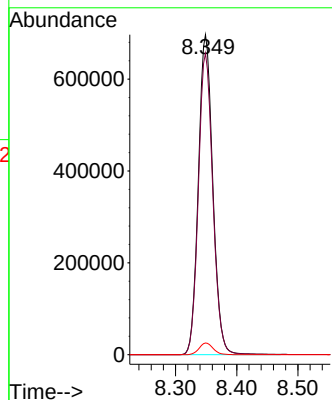
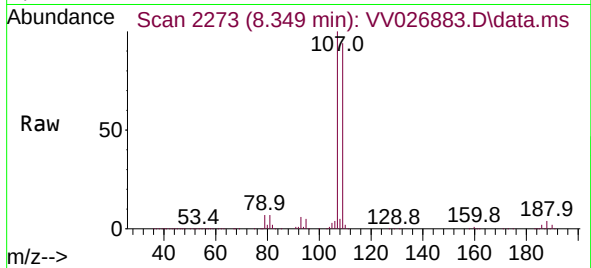




#50
1,2-Dibromoethane
Concen: 206.845 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

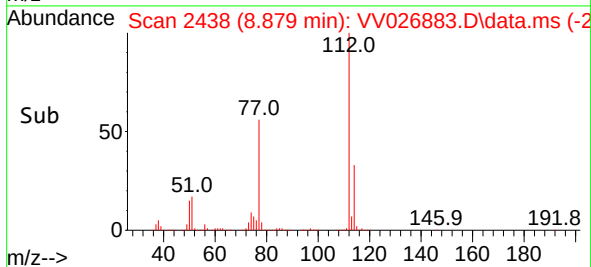
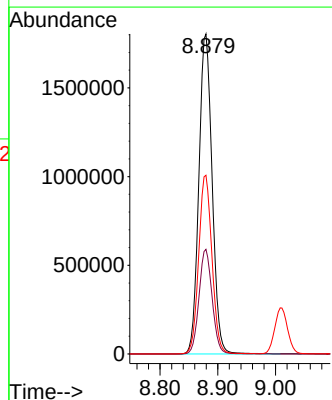
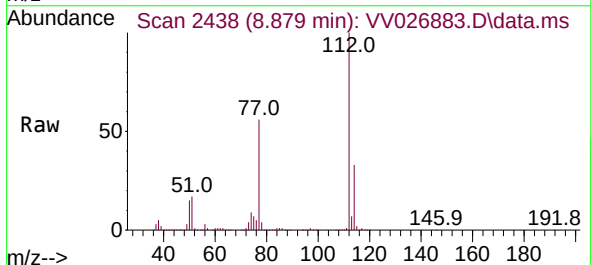
Instrument :
MSVOA_V
ClientSampleId :

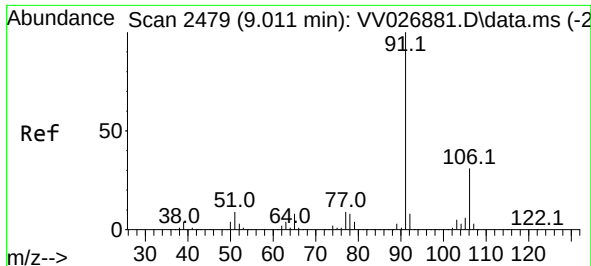
Tgt Ion:107 Resp: 1143252
Ion Ratio Lower Upper
107 100
109 94.2 64.9 120.5
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 198.874 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Tgt Ion:112 Resp: 2876841
Ion Ratio Lower Upper
112 100
114 32.7 22.7 42.1
77 55.8 44.4 66.6

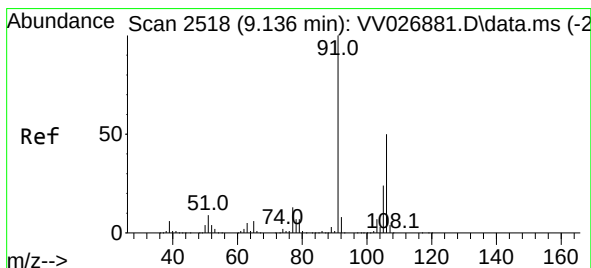
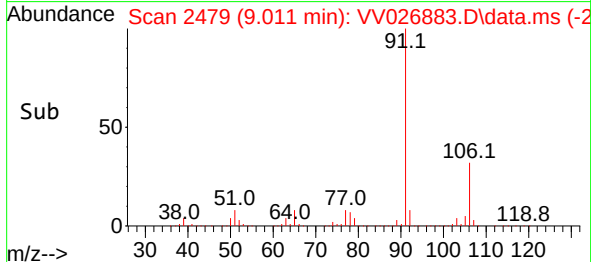
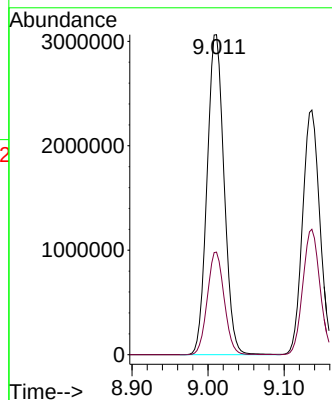
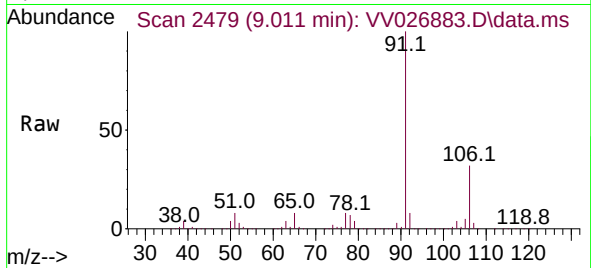




#52
Ethylbenzene
Concen: 218.404 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

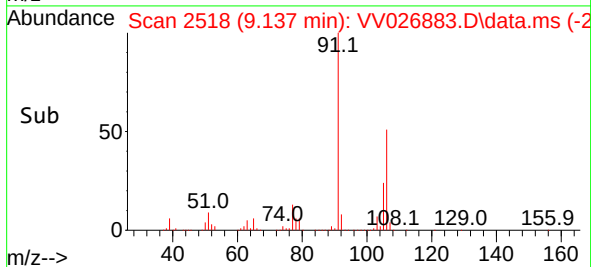
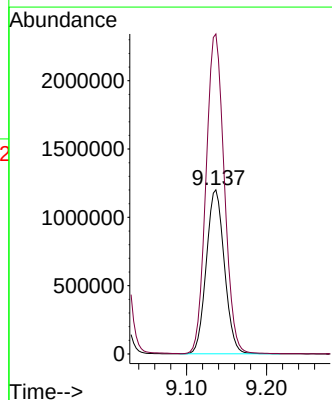
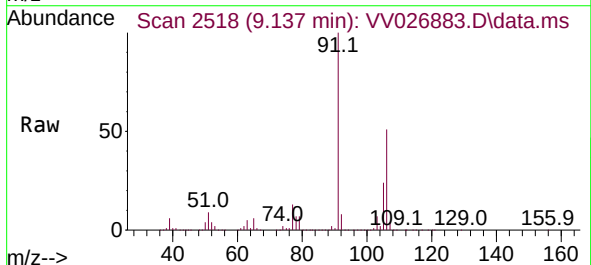
Instrument :
MSVOA_V
ClientSampleId :

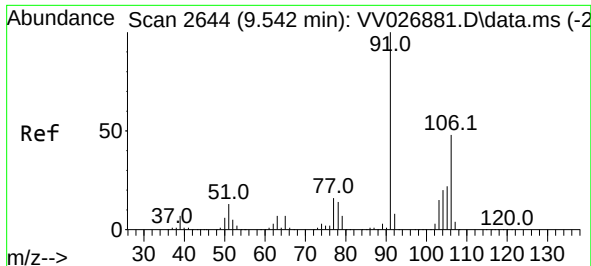
Tgt Ion: 91 Resp: 4755490
Ion Ratio Lower Upper
91 100
106 32.0 22.0 40.8



#53
m,p-Xylene
Concen: 221.027 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Tgt Ion: 106 Resp: 1890459
Ion Ratio Lower Upper
106 100
91 195.0 140.0 260.0

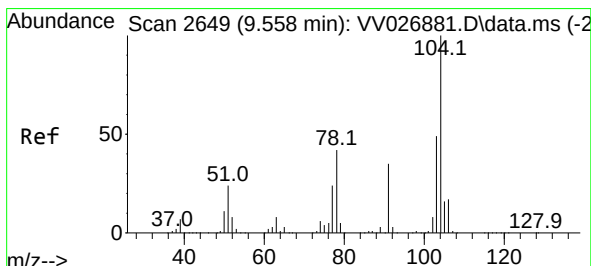
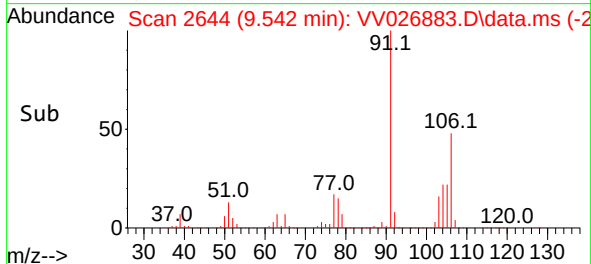
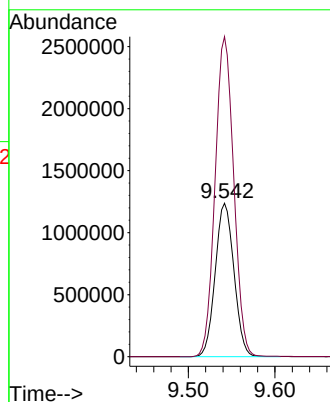
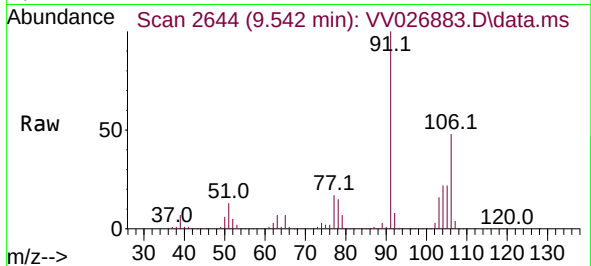




#54
o-Xylene
Concen: 225.655 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

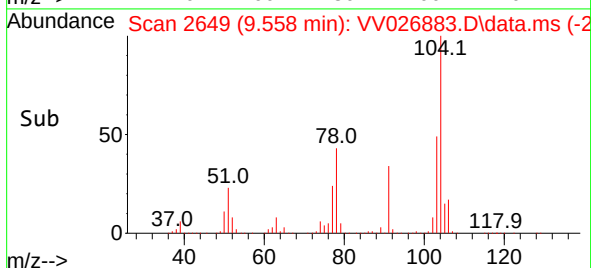
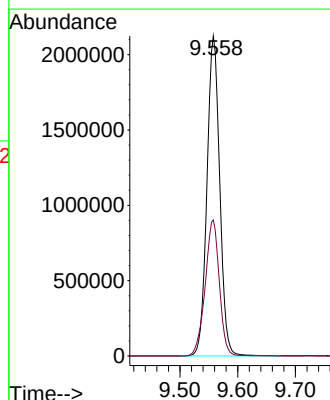
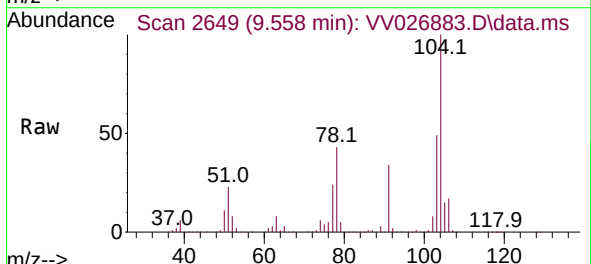
Instrument :
MSVOA_V
ClientSampleId :

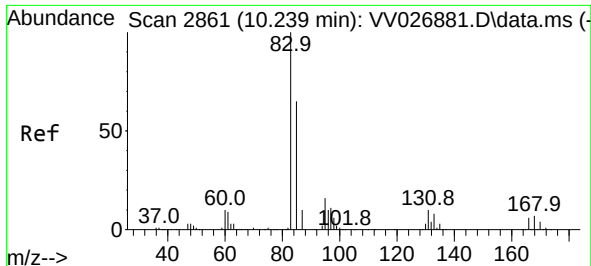
Tgt Ion:106 Resp: 1858439
Ion Ratio Lower Upper
106 100
91 208.6 146.1 271.3



#55
Styrene
Concen: 224.811 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Tgt Ion:104 Resp: 3257251
Ion Ratio Lower Upper
104 100
78 42.5 29.6 55.0

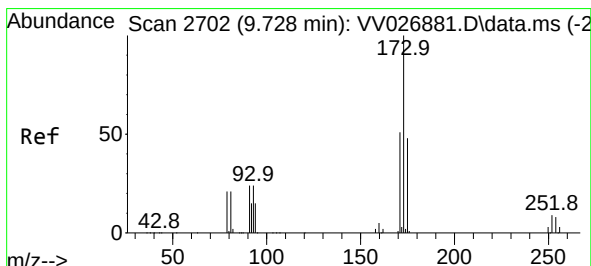
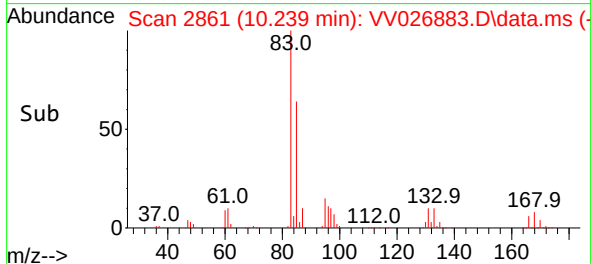
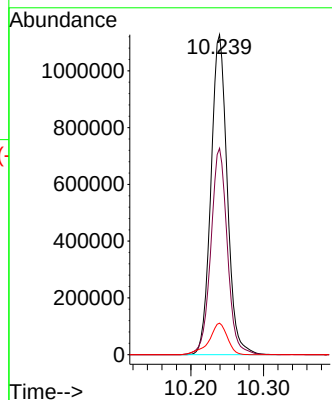
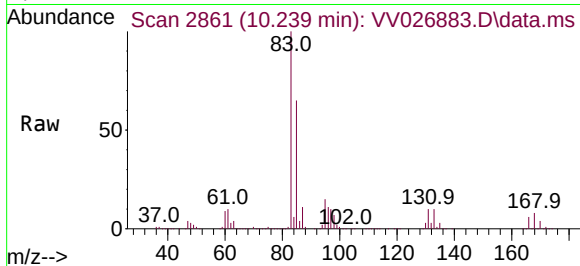




#57
1,1,2,2-Tetrachloroethane
Concen: 205.688 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

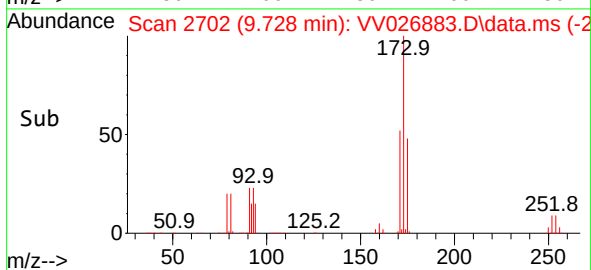
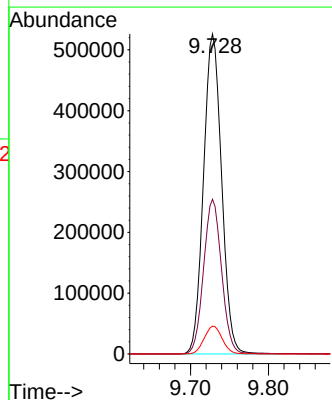
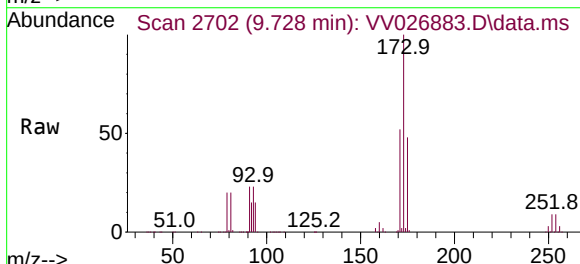
Instrument :
MSVOA_V
ClientSampleId :

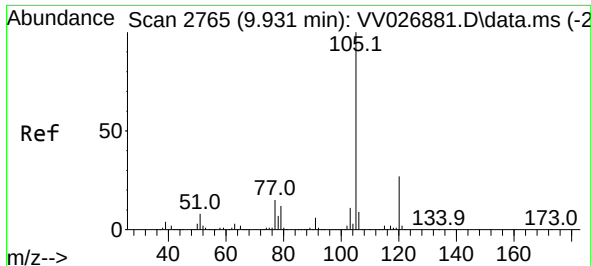
Tgt Ion: 83 Resp: 1758318
Ion Ratio Lower Upper
83 100
85 64.5 45.3 84.1
131 9.8 7.8 11.6



#59
Bromoform
Concen: 245.008 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

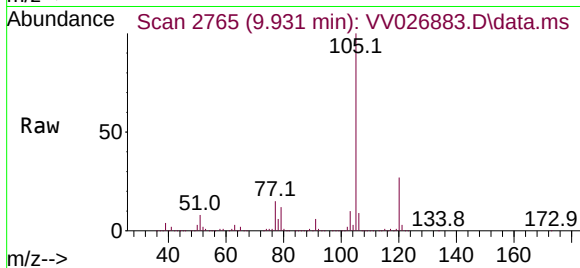
Tgt Ion: 173 Resp: 848772
Ion Ratio Lower Upper
173 100
175 48.0 38.6 57.8
254 8.7 6.6 10.0



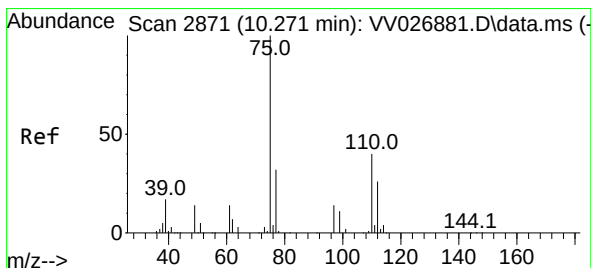
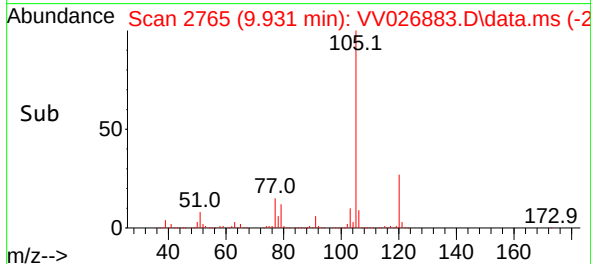
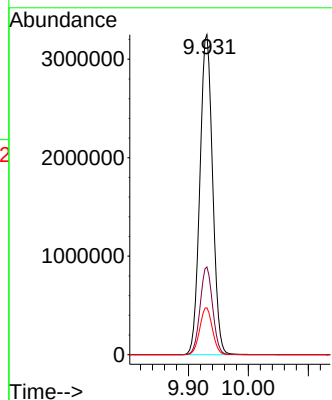


#60
Isopropylbenzene
Concen: 211.479 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Instrument :
MSVOA_V
ClientSampleId :

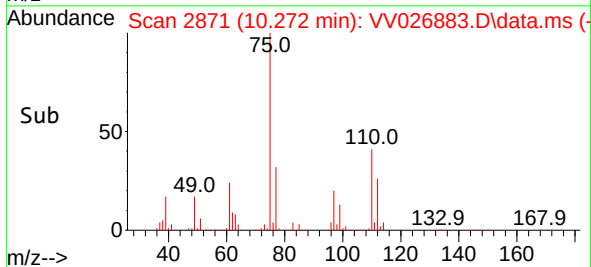
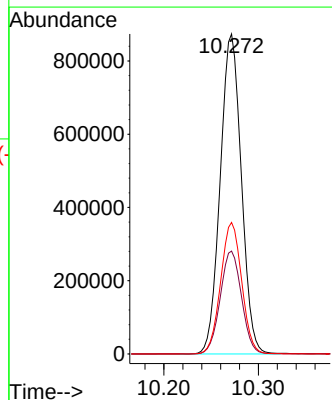
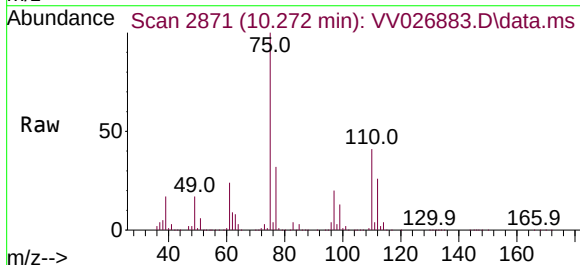


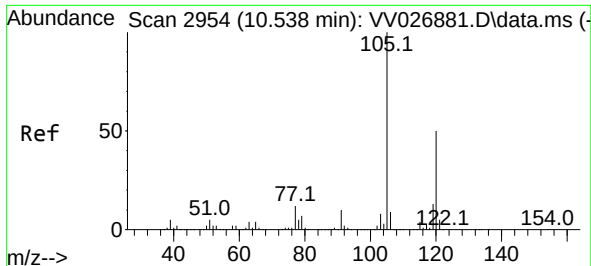
Tgt Ion:105 Resp: 4802245
Ion Ratio Lower Upper
105 100
120 27.1 21.1 31.7
77 14.6 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 196.997 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

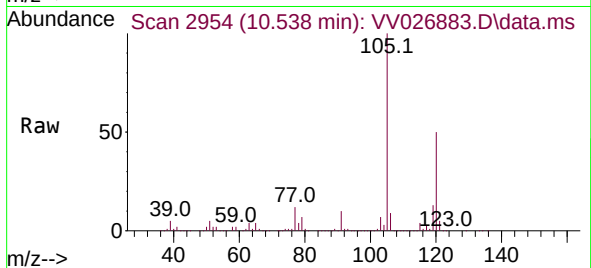
Tgt Ion: 75 Resp: 1354219
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
110 41.0 31.7 47.5



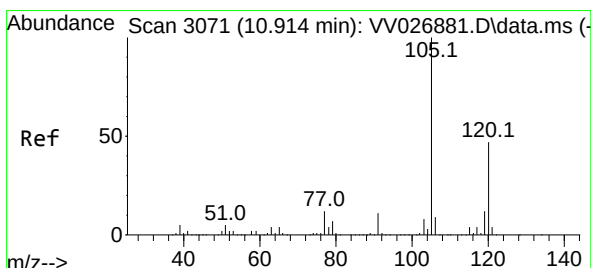
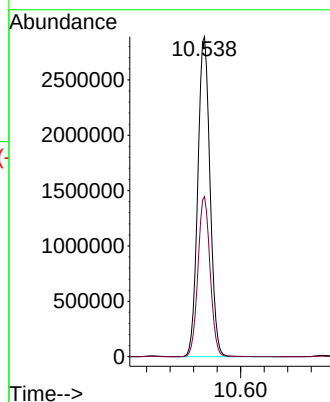
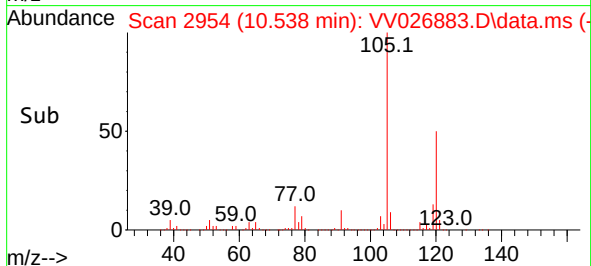


#62
 1,3,5-Trimethylbenzene
 Concen: 226.056 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026883.D
 Acq: 22 Jul 2022 12:04

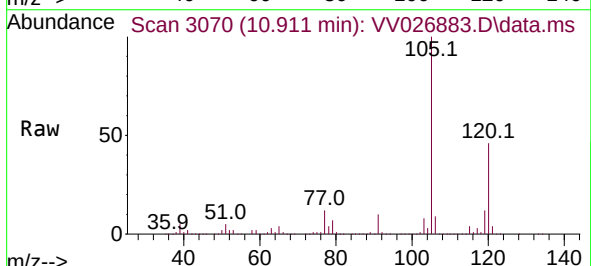
Instrument :
 MSVOA_V
 ClientSampleId :



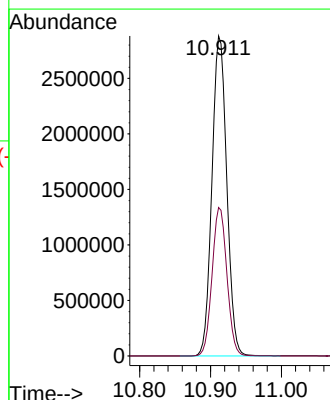
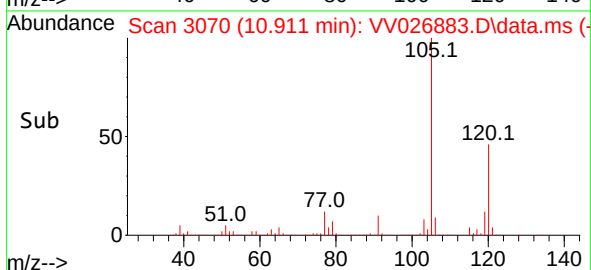
Tgt Ion:105 Resp: 4158746
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.8 59.6

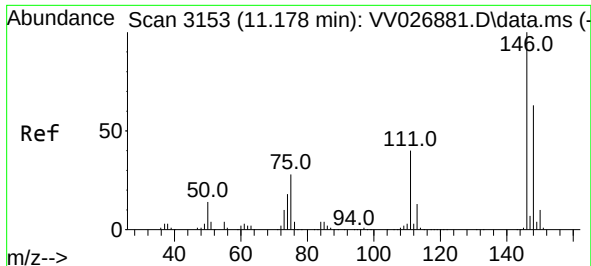


#63
 1,2,4-Trimethylbenzene
 Concen: 227.821 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV026883.D
 Acq: 22 Jul 2022 12:04



Tgt Ion:105 Resp: 4186740
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.1 55.7

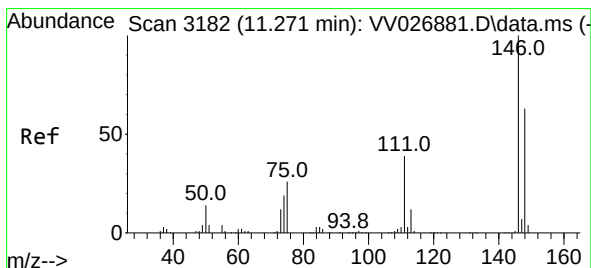
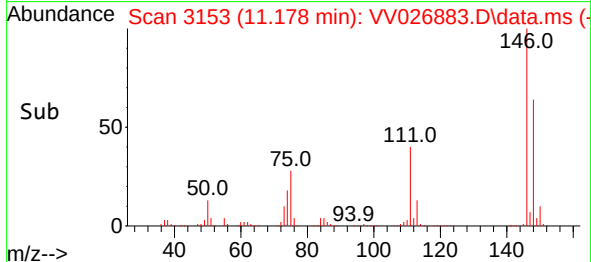
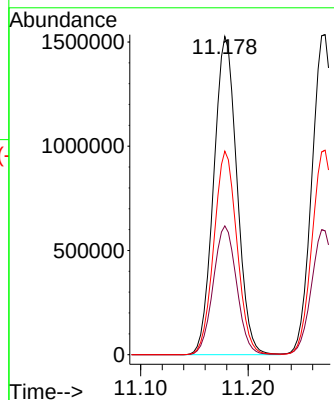
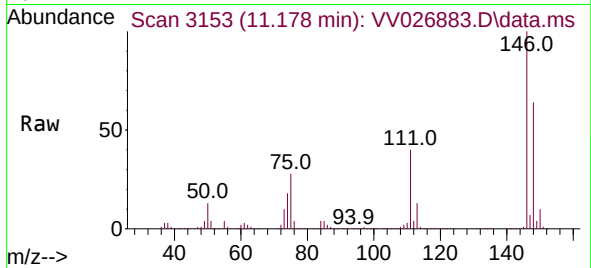




#64
1,3-Dichlorobenzene
Concen: 198.231 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

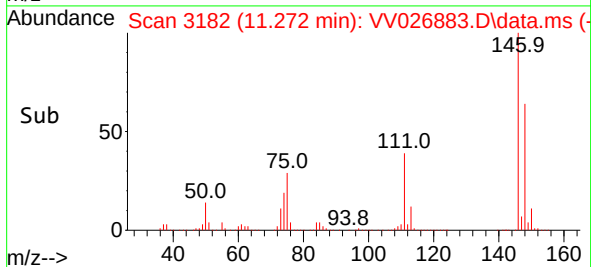
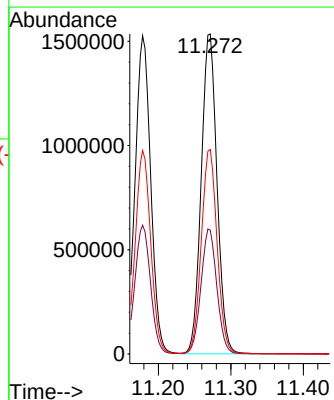
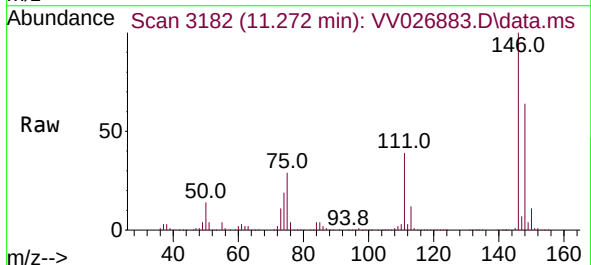
Instrument :
MSVOA_V
ClientSampleId :

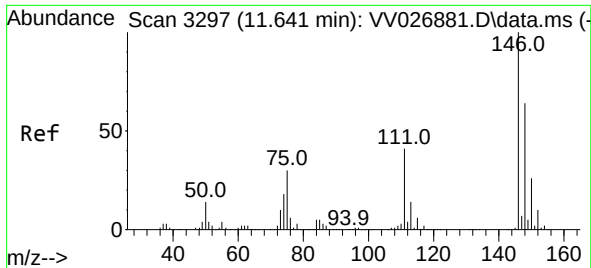
Tgt Ion:146 Resp: 2292974
Ion Ratio Lower Upper
146 100
111 40.5 27.9 51.9
148 63.9 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 193.553 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026883.D
Acq: 22 Jul 2022 12:04

Tgt Ion:146 Resp: 2322249
Ion Ratio Lower Upper
146 100
111 38.7 27.4 51.0
148 63.9 44.4 82.4

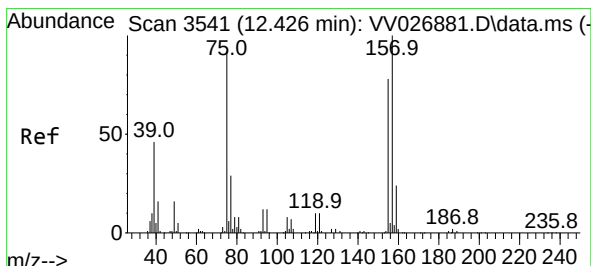
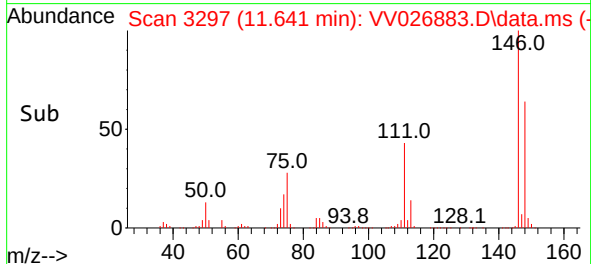
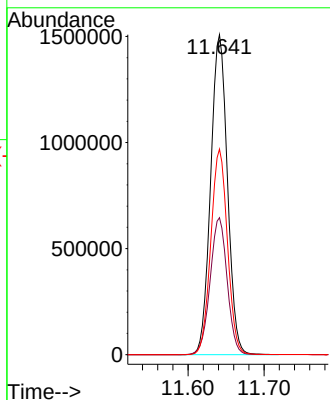
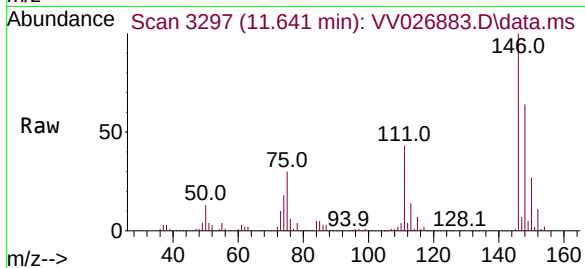




#67
 1,2-Dichlorobenzene
 Concen: 195.350 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV026883.D
 Acq: 22 Jul 2022 12:04

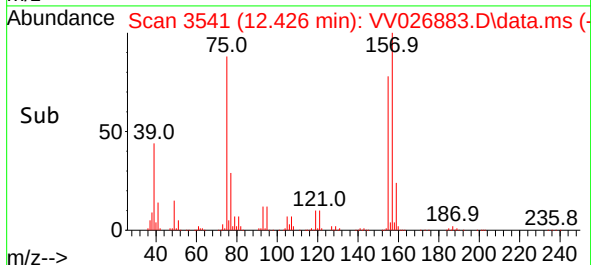
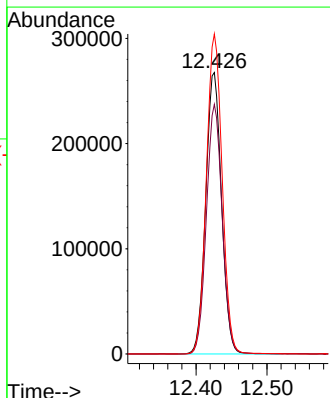
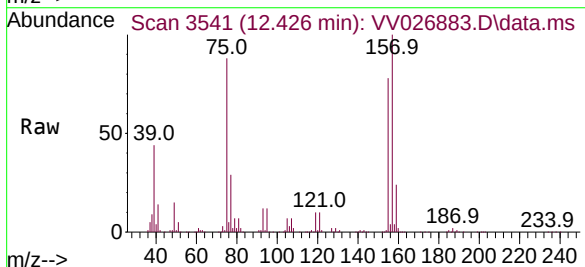
Instrument :
 MSVOA_V
 ClientSampleId :

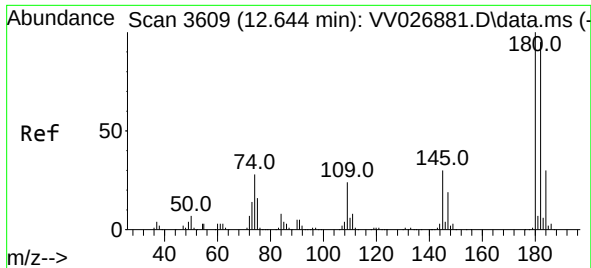
Tgt Ion:146 Resp: 2302156
 Ion Ratio Lower Upper
 146 100
 111 42.8 33.2 49.8
 148 64.2 51.4 77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 259.949 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV026883.D
 Acq: 22 Jul 2022 12:04

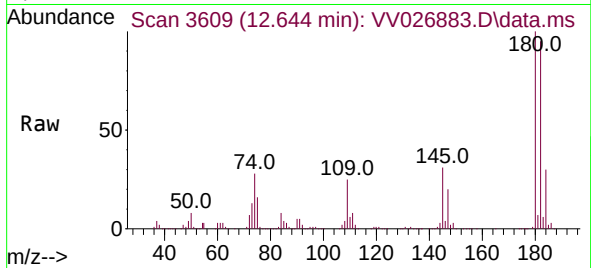
Tgt Ion: 75 Resp: 414496
 Ion Ratio Lower Upper
 75 100
 155 88.7 67.7 101.5
 157 113.7 87.1 130.7



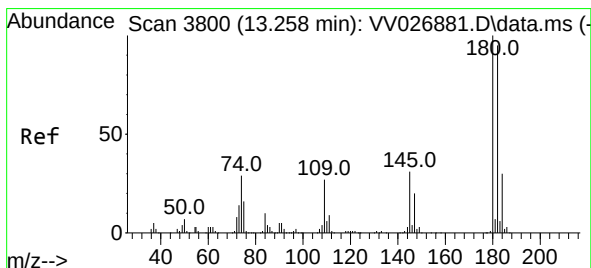
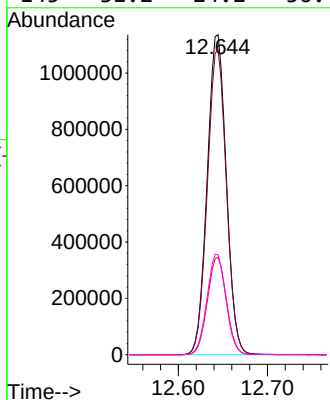
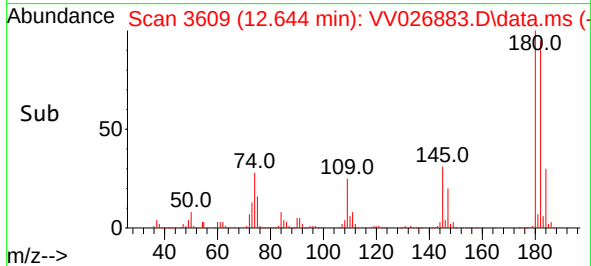


#69
 1,3,5-Trichlorobenzene
 Concen: 212.740 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026883.D
 Acq: 22 Jul 2022 12:04

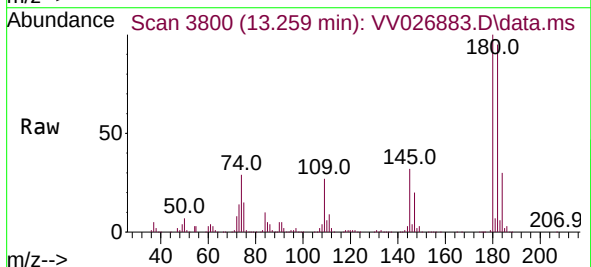
Instrument :
 MSVOA_V
 ClientSampleId :



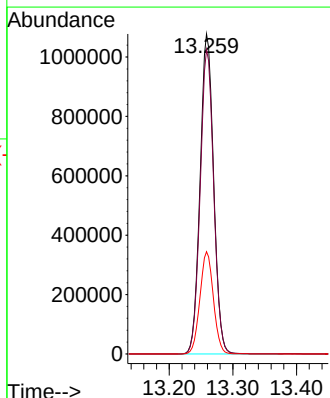
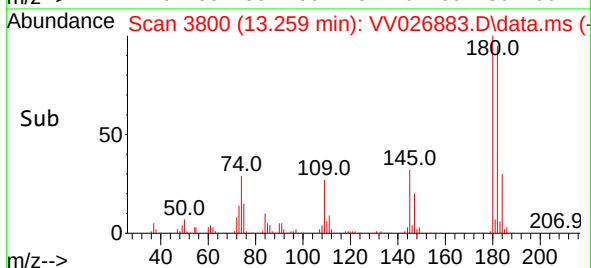
Tgt Ion:180 Resp: 1691462
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.6 113.4
 184 30.4 23.8 35.8
 145 31.2 24.2 36.4

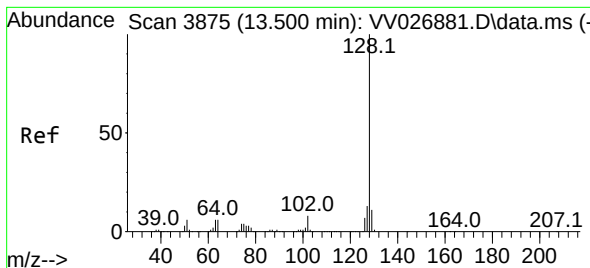


#70
 1,2,4-trichlorobenzene
 Concen: 238.454 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026883.D
 Acq: 22 Jul 2022 12:04



Tgt Ion:180 Resp: 1590837
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.2 114.4
 145 31.8 25.0 37.6





#71

Naphthalene

Concen: 274.033 ug/L

RT: 13.500 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026883.D

Acq: 22 Jul 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

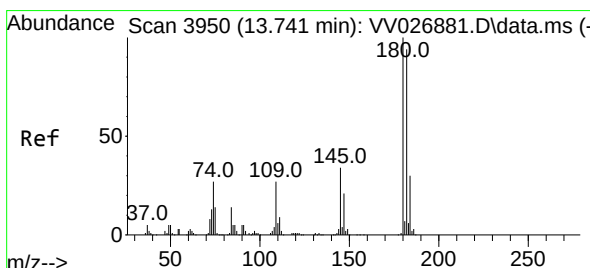
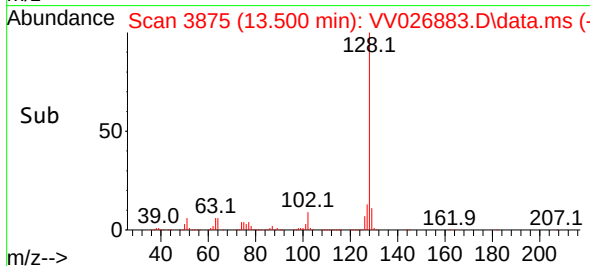
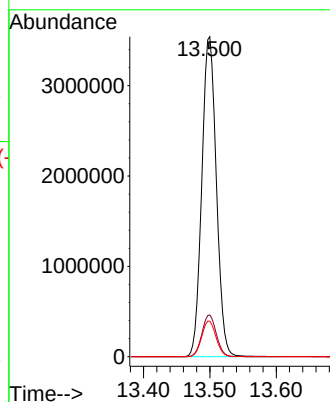
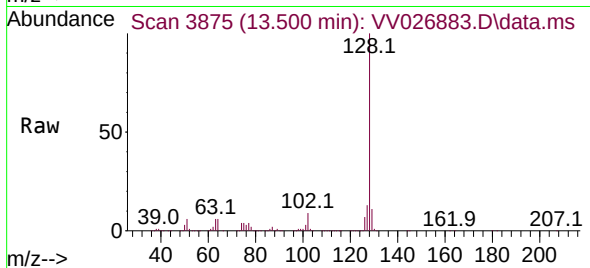
Tgt Ion:128 Resp: 5388362

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 231.927 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026883.D

Acq: 22 Jul 2022 12:04

Tgt Ion:180 Resp: 1598025

Ion Ratio Lower Upper

180 100

182 94.9 75.4 113.2

145 33.4 26.6 40.0

