

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081822\
 Data File : VW027430.D
 Acq On : 18 Aug 2022 11:25
 Operator : SY/MD
 Sample : N4015-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 20:48:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 02:23:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	290953	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	297901	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	141883	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	94799	47.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.580%
7) Chloroethane-d5	1.564	69	65749	45.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.680%
11) 1,1-Dichloroethene-d2	2.105	63	163570	45.081	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.160%
21) 2-Butanone-d5	3.879	46	141370	80.065	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.060%
24) Chloroform-d	4.346	84	187158	46.061	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.120%
26) 1,2-Dichloroethane-d4	5.027	65	125533	49.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.520%
32) Benzene-d6	5.047	84	362792	50.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.560%
36) 1,2-Dichloropropane-d6	6.342	67	120	0.047	ug/L	0.28
Spiked Amount	50.000	Range	70 - 120	Recovery	=	0.100%#
41) Toluene-d8	7.313	98	303011	49.762	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.520%
43) trans-1,3-Dichloroprop...	7.622	79	48596	43.873	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.740%
47) 2-Hexanone-d5	8.088	63	86567	70.728	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.730%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	158441	38.259	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.520%
66) 1,2-Dichlorobenzene-d4	11.622	152	110566	45.126	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	5385	2.081	ug/L	94
3) Chloromethane	1.240	50	5532	1.871	ug/L	97
5) Vinyl chloride	1.310	62	6291	2.136	ug/L #	60
6) Bromomethane	1.519	94	2937	2.115	ug/L	91
8) Chloroethane	1.581	64	3153	1.921	ug/L	98
9) Trichlorofluoromethane	1.751	101	9342	2.472	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	6908	3.296	ug/L	88
12) 1,1-Dichloroethene	2.114	96	5927	2.940	ug/L #	1
13) Acetone	2.172	43	7279	5.346	ug/L	73
14) Carbon disulfide	2.294	76	12498	1.821	ug/L	96
17) trans-1,2-Dichloroethene	2.761	96	4953	2.220	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	15688	2.364	ug/L #	84
19) 1,1-Dichloroethane	3.191	63	11067	2.471	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	2600	1.122	ug/L	83
23) Bromochloromethane	4.249	128	2027	1.566	ug/L #	86
25) Chloroform	4.375	83	17729	3.917	ug/L	90
27) 1,2-Dichloroethane	5.137	62	7625	2.163	ug/L	96
29) Cyclohexane	4.670	56	2716	0.792	ug/L #	15
30) 1,1,1-Trichloroethane	4.603	97	9712	2.460	ug/L	94

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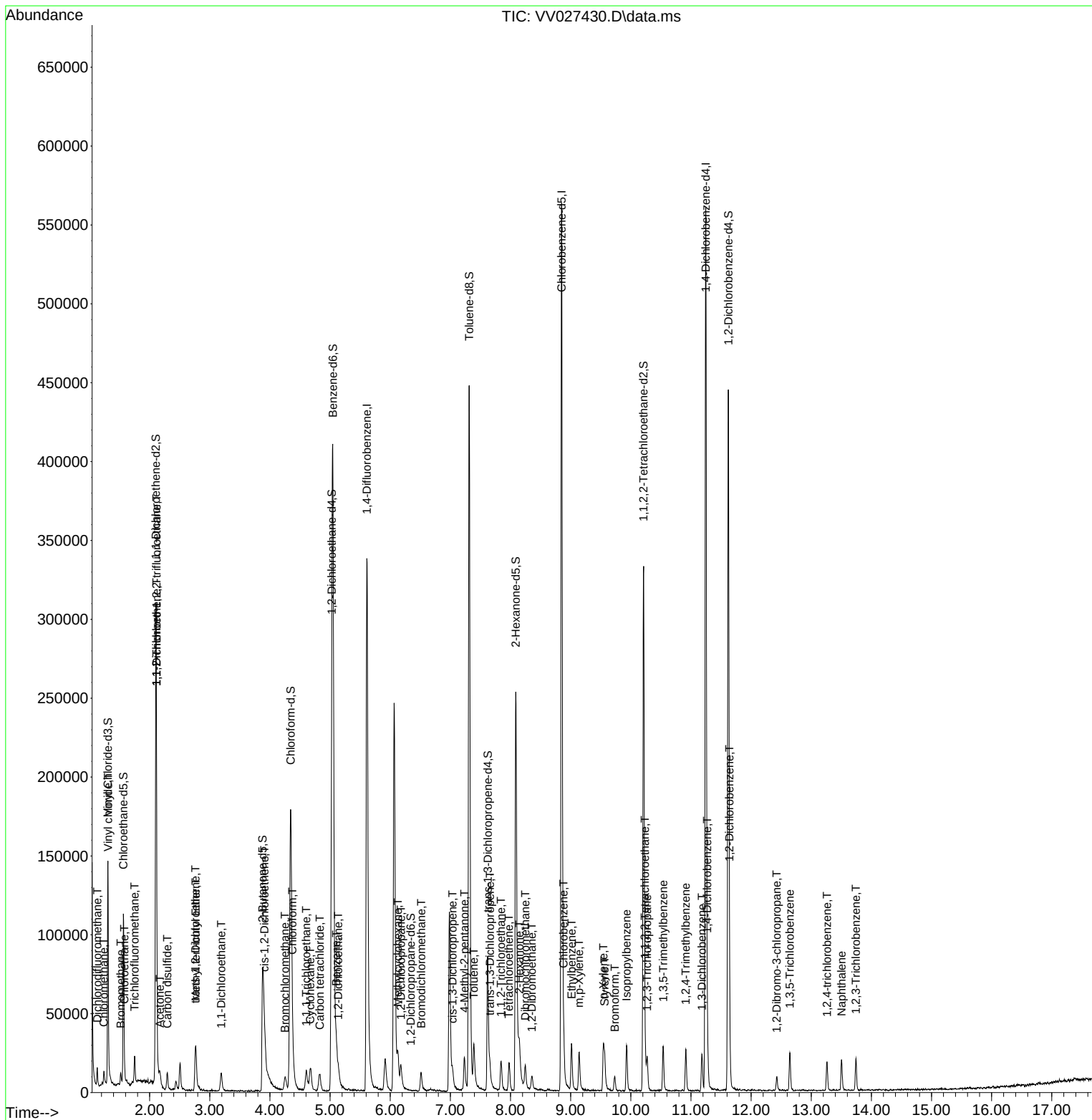
Instrument :
 MSVOA_V
 ClientSampleId :

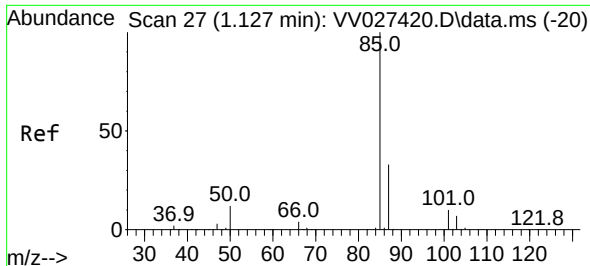
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.828	117	8625	2.516	ug/L	99
33) Benzene	5.101	78	20609	2.153	ug/L	100
35) Methylcyclohexane	6.127	83	7191	1.995	ug/L	93
37) 1,2-Dichloropropane	6.178	63	6108	2.277	ug/L	98
38) Bromodichloromethane	6.516	83	8303	2.363	ug/L	96
39) cis-1,3-Dichloropropene	7.037	75	8198	2.308	ug/L	96
40) 4-Methyl-2-pentanone	7.233	43	15559	4.067	ug/L #	81
42) Toluene	7.391	91	20799	2.137	ug/L	97
44) trans-1,3-Dichloropropene	7.657	75	7845	2.247	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	6061	2.345	ug/L	96
46) Tetrachloroethene	7.976	164	4054	2.260	ug/L	91
48) 2-Hexanone	8.146	43	18571	6.094	ug/L #	84
49) Dibromochloromethane	8.246	129	6520	2.386	ug/L	95
50) 1,2-Dibromoethane	8.355	107	6037	2.270	ug/L #	99
51) Chlorobenzene	8.882	112	14910	2.284	ug/L	98
52) Ethylbenzene	9.014	91	19967	1.988	ug/L	97
53) m,p-Xylene	9.140	106	6778	1.786	ug/L	94
54) o-Xylene	9.545	106	6810	1.842	ug/L	97
55) Styrene	9.564	104	10973	1.684	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	10816	2.498	ug/L #	89
59) Bromoform	9.735	173	4091	2.427	ug/L #	95
60) Isopropylbenzene	9.931	105	17860	1.997	ug/L	97
61) 1,2,3-Trichloropropane	10.271	75	8156	2.504	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	14822	2.007	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	13355	1.846	ug/L	95
64) 1,3-Dichlorobenzene	11.185	146	9646	2.226	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	11078	2.429	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	11772	2.593	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.426	75	2582	2.825	ug/L	83
69) 1,3,5-Trichlorobenzene	12.644	180	6767	2.325	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	5682	2.350	ug/L	97
71) Naphthalene	13.506	128	15158	1.831	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	5382	2.009	ug/L	95

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

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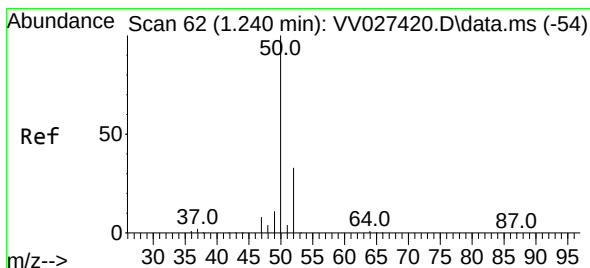
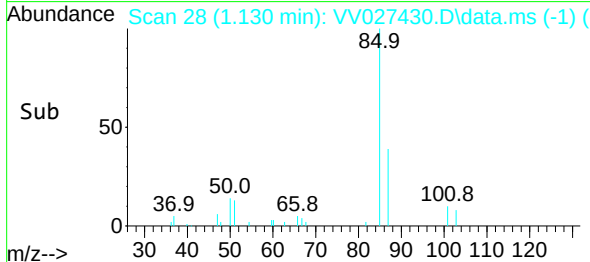
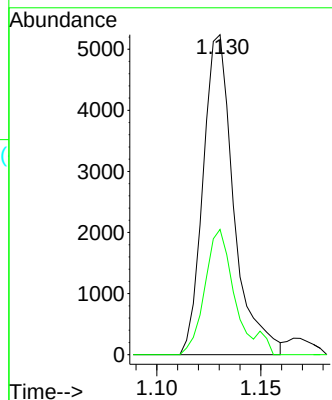
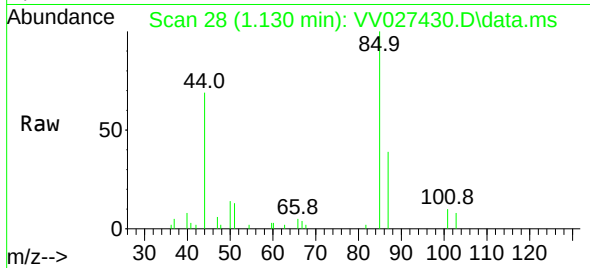




#2
 Dichlorodifluoromethane
 Concen: 2.081 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV027430.D
 Acq: 18 Aug 2022 11:25

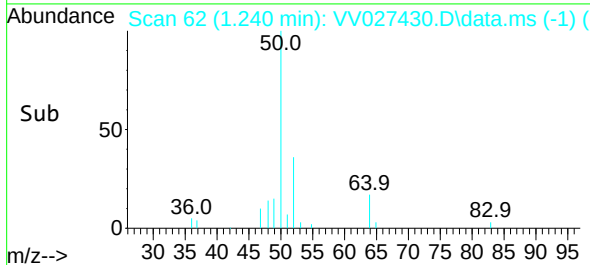
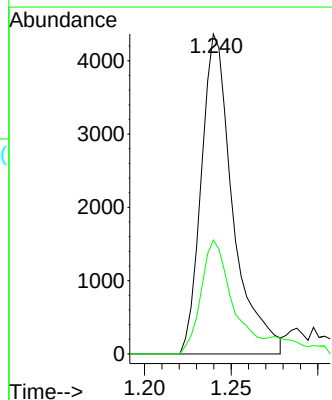
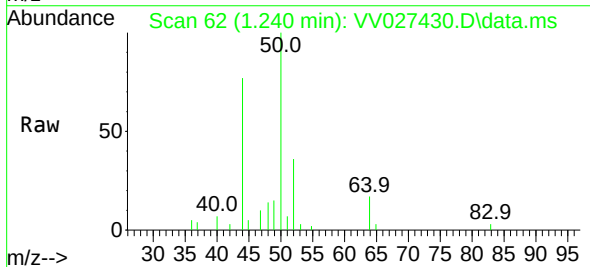
Instrument :
 MSVOA_V
 ClientSampleId :

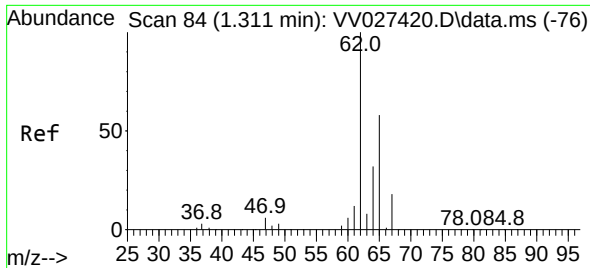
Tgt Ion: 85 Resp: 5385
 Ion Ratio Lower Upper
 85 100
 87 36.2 26.1 39.1



#3
 Chloromethane
 Concen: 1.871 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV027430.D
 Acq: 18 Aug 2022 11:25

Tgt Ion: 50 Resp: 5532
 Ion Ratio Lower Upper
 50 100
 52 35.6 23.5 43.7

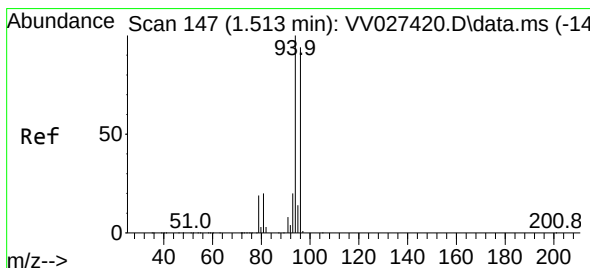
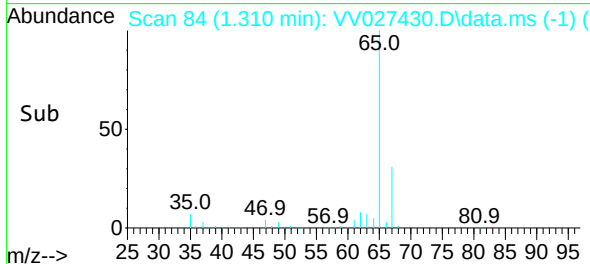
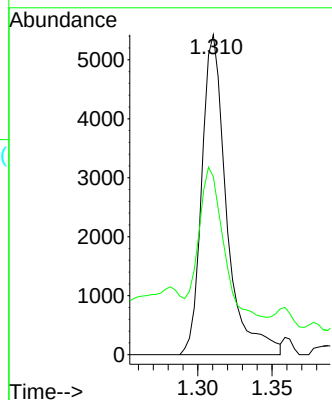
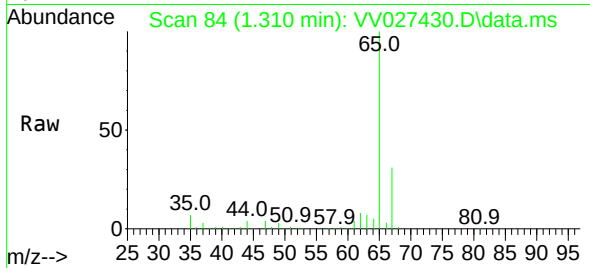




#5
 Vinyl chloride
 Concen: 2.136 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027430.D
 Acq: 18 Aug 2022 11:25

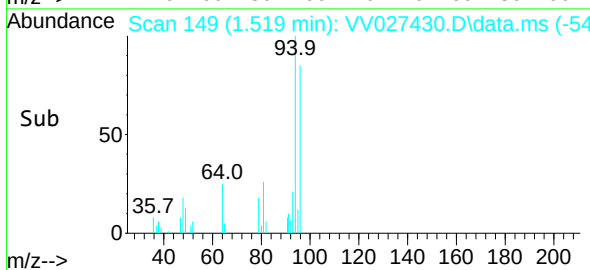
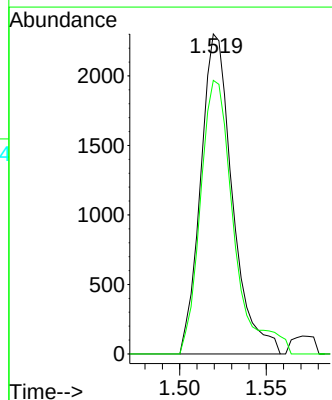
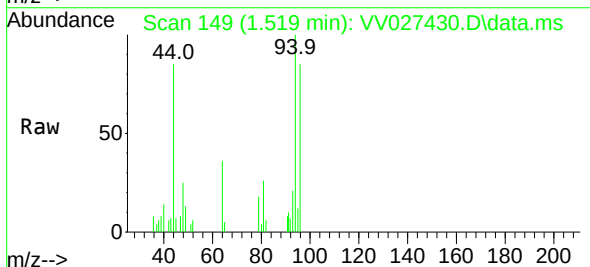
Instrument :
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 ClientSampleId :

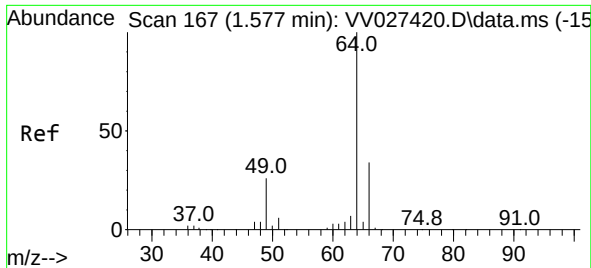
Tgt Ion: 62 Resp: 6291
 Ion Ratio Lower Upper
 62 100
 64 55.6 23.2 43.2#



#6
 Bromomethane
 Concen: 2.115 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VV027430.D
 Acq: 18 Aug 2022 11:25

Tgt Ion: 94 Resp: 2937
 Ion Ratio Lower Upper
 94 100
 96 85.5 66.1 122.8

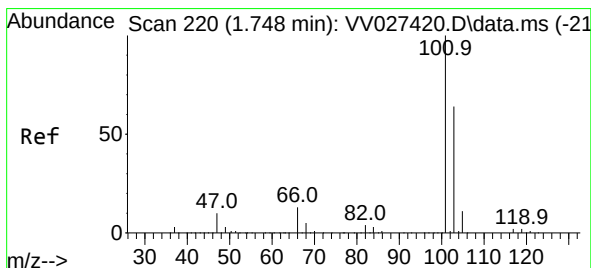
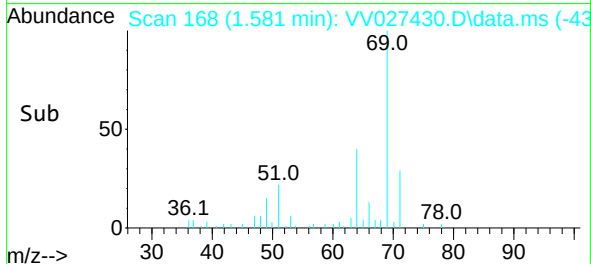
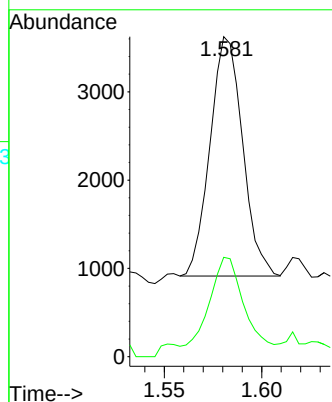
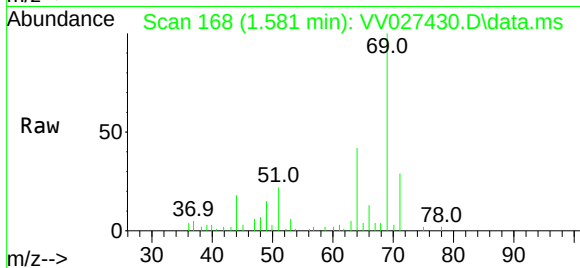




#8
Chloroethane
Concen: 1.921 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

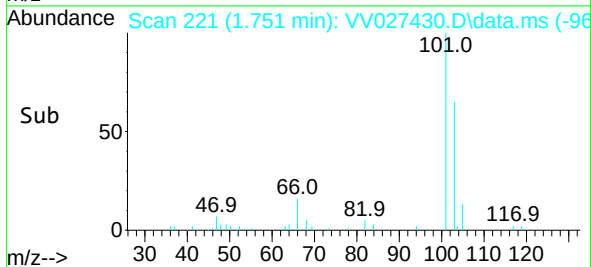
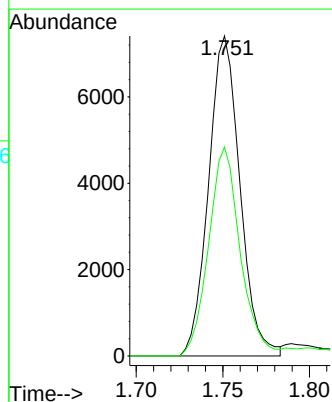
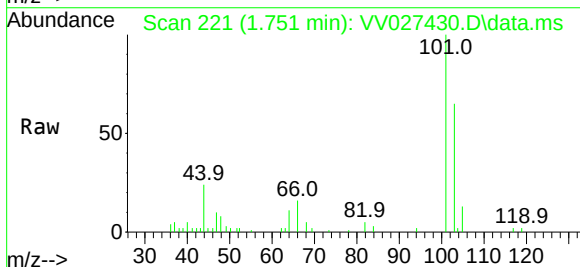
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MSVOA_V
ClientSampleId :

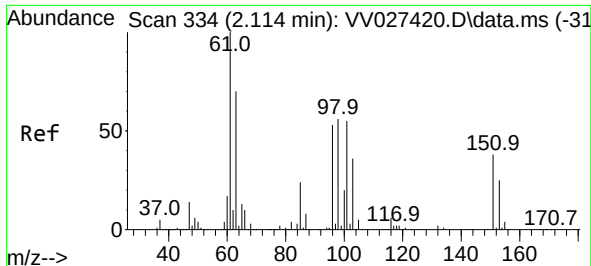
Tgt Ion: 64 Resp: 3153
Ion Ratio Lower Upper
64 100
66 31.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 2.472 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Tgt Ion: 101 Resp: 9342
Ion Ratio Lower Upper
101 100
103 65.7 52.4 78.6





#10

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

Concen: 3.296 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV027430.D

Acq: 18 Aug 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

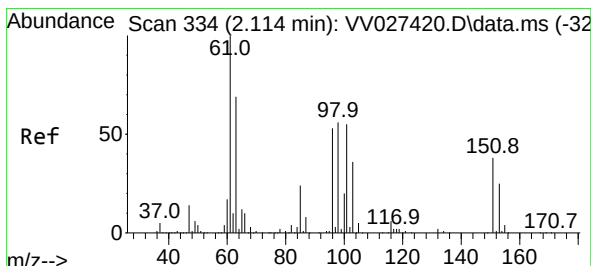
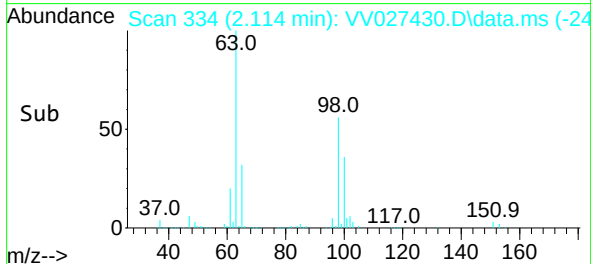
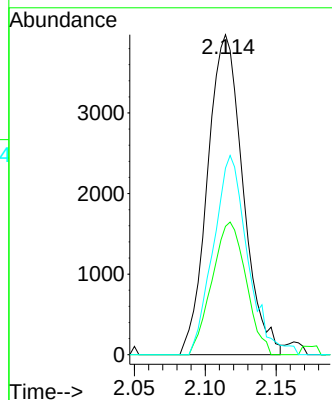
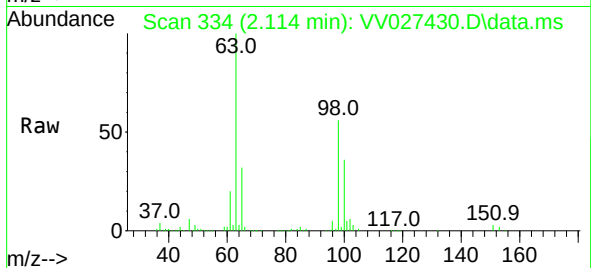
Tgt Ion:101 Resp: 6908

Ion Ratio Lower Upper

101 100

85 39.7 34.1 51.1

151 58.6 57.8 86.8



#12

1,1-Dichloroethene

Concen: 2.940 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV027430.D

Acq: 18 Aug 2022 11:25

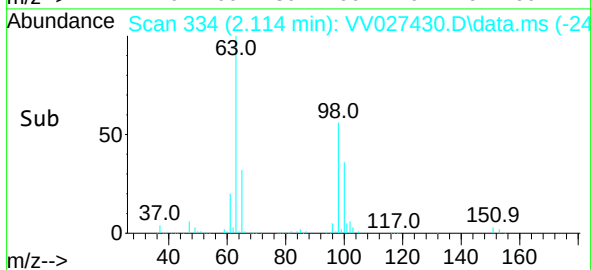
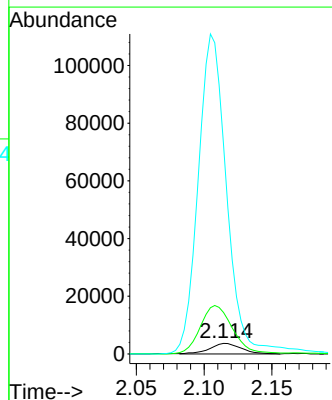
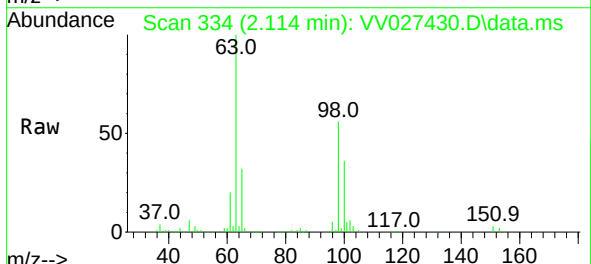
Tgt Ion: 96 Resp: 5927

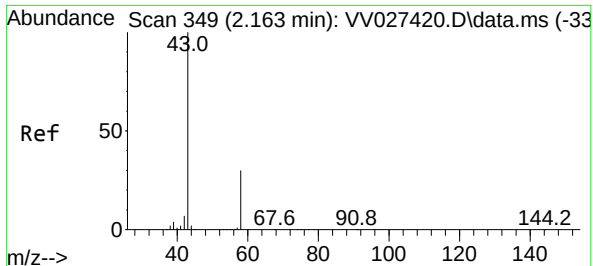
Ion Ratio Lower Upper

96 100

61 389.8 114.3 212.3#

63 1963.8 93.4 173.4#





#13

Acetone

Concen: 5.346 ug/L

RT: 2.172 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV027430.D

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MSVOA_V

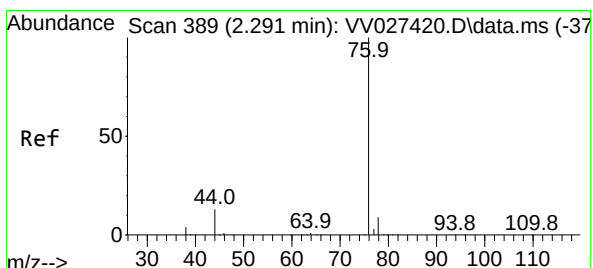
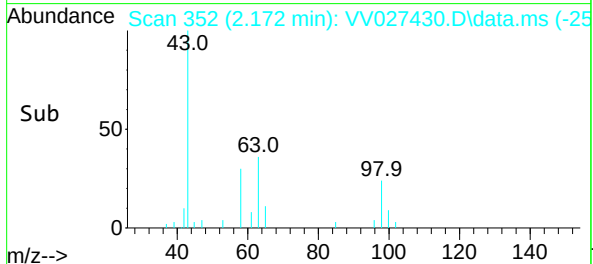
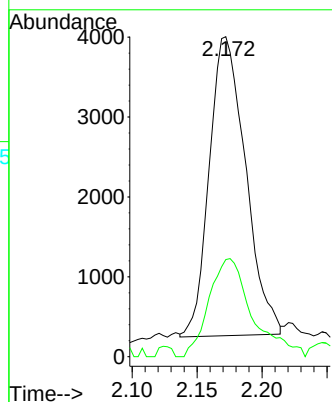
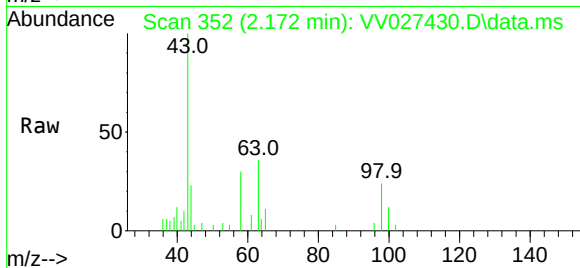
ClientSampleId :

Tgt Ion: 43 Resp: 7279

Ion Ratio Lower Upper

43 100

58 38.3 0.0 49.6



#14

Carbon disulfide

Concen: 1.821 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV027430.D

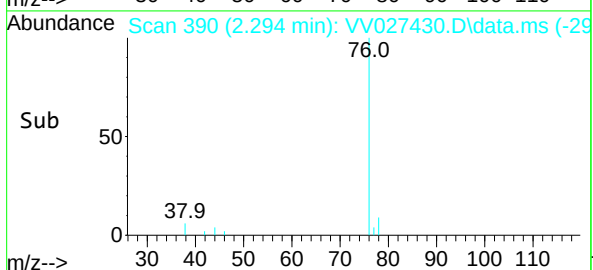
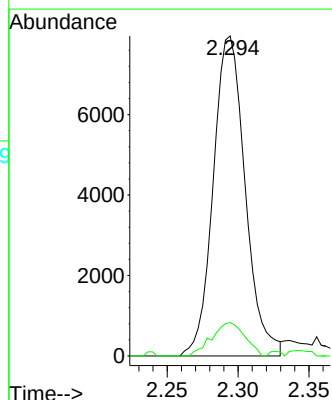
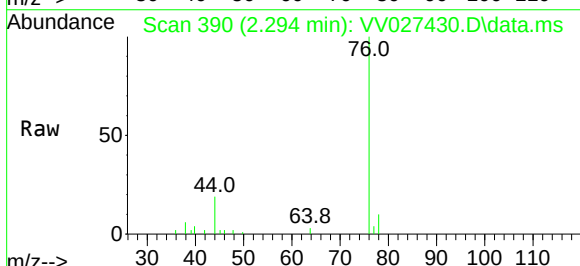
Acq: 18 Aug 2022 11:25

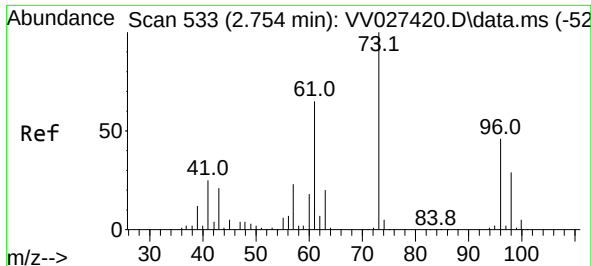
Tgt Ion: 76 Resp: 12498

Ion Ratio Lower Upper

76 100

78 10.4 7.3 10.9

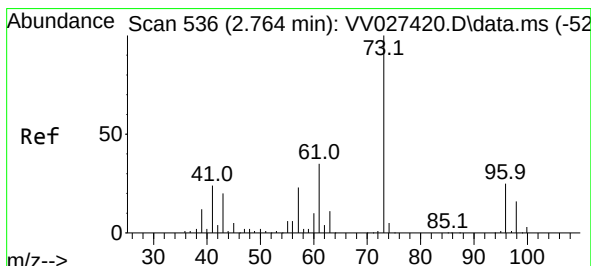
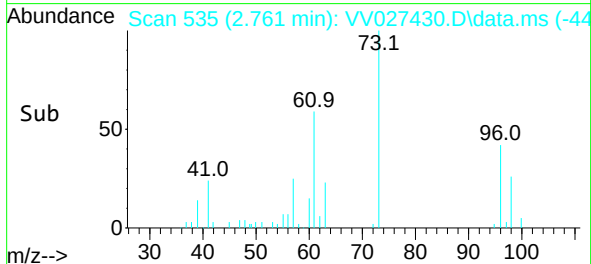
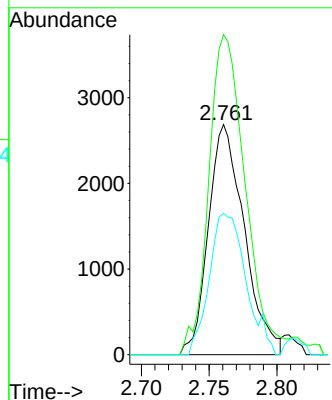
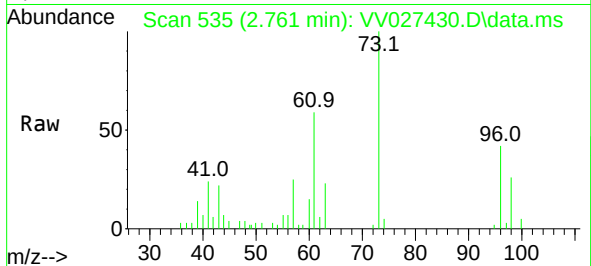




#17
trans-1,2-Dichloroethene
Concen: 2.220 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

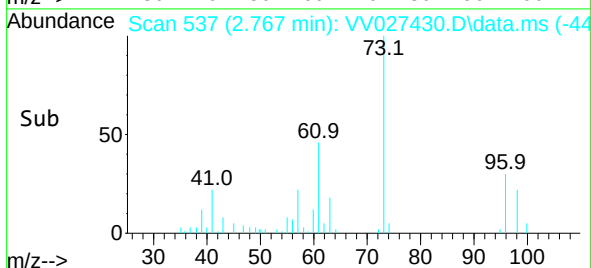
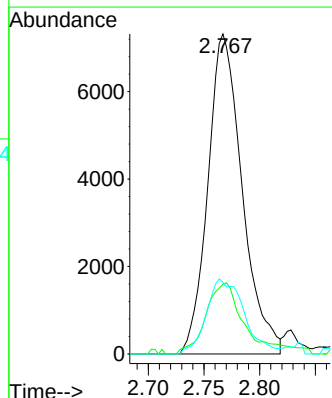
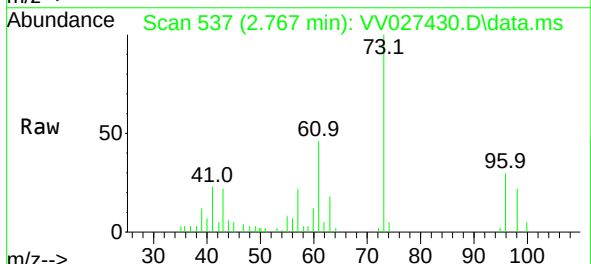
Instrument :
MSVOA_V
ClientSampleId :

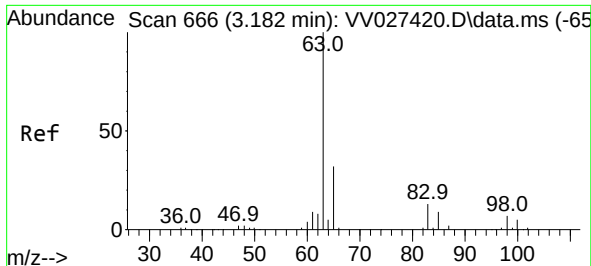
Tgt Ion: 96 Resp: 4953
Ion Ratio Lower Upper
96 100
61 139.0 89.2 165.6
98 61.3 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 2.364 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Tgt Ion: 73 Resp: 15688
Ion Ratio Lower Upper
73 100
43 22.1 12.6 18.8#
57 14.0 17.3 25.9#





#19

1,1-Dichloroethane

Concen: 2.471 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.010 min

Lab File: VV027430.D

Acq: 18 Aug 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

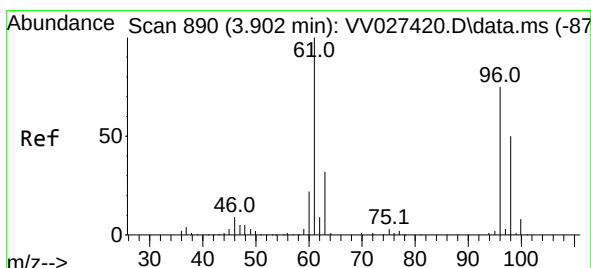
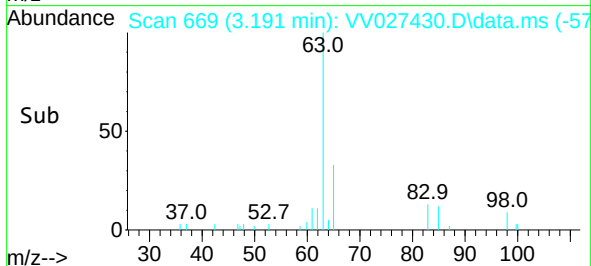
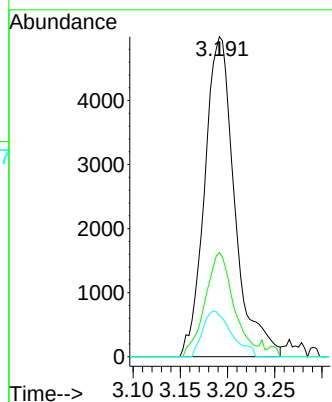
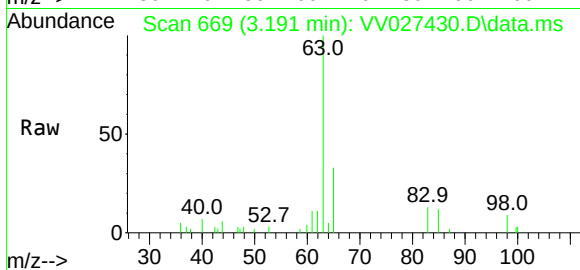
Tgt Ion: 63 Resp: 11067

Ion Ratio Lower Upper

63 100

65 32.6 22.7 42.3

83 12.8 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 1.122 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.006 min

Lab File: VV027430.D

Acq: 18 Aug 2022 11:25

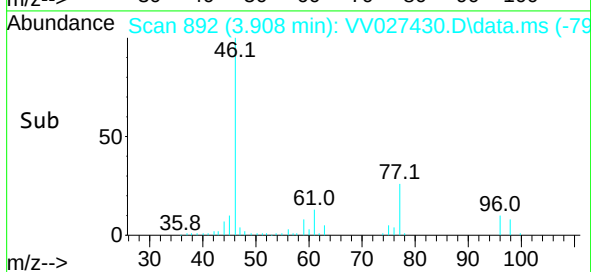
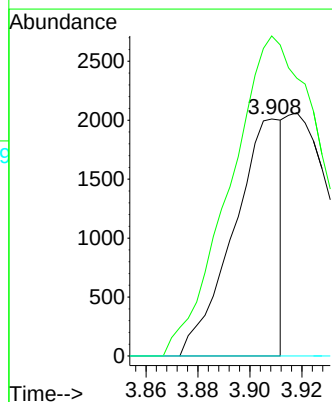
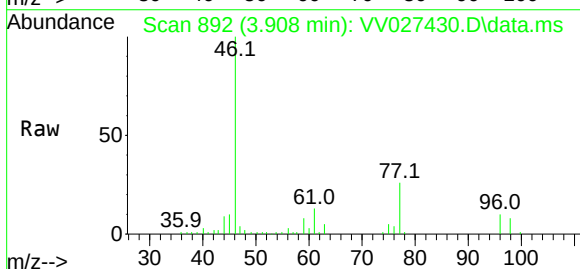
Tgt Ion: 96 Resp: 2600

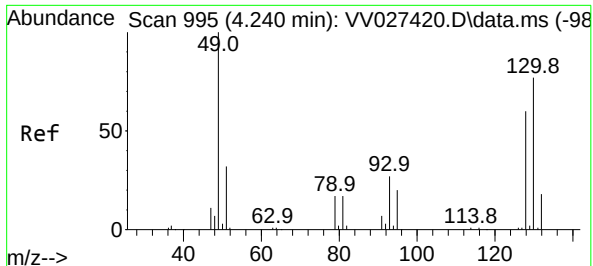
Ion Ratio Lower Upper

96 100

61 135.0 81.8 151.8

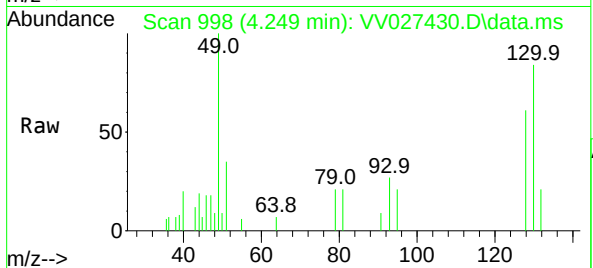
68 0.0 0.0 0.0



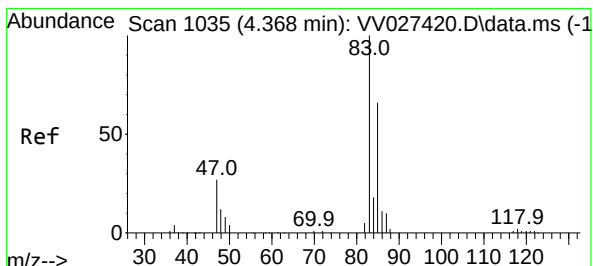
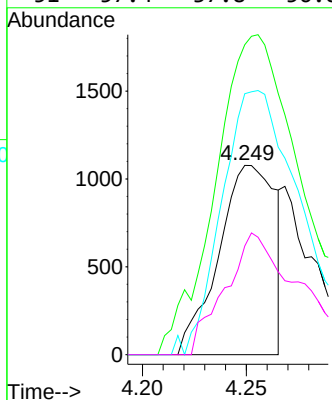
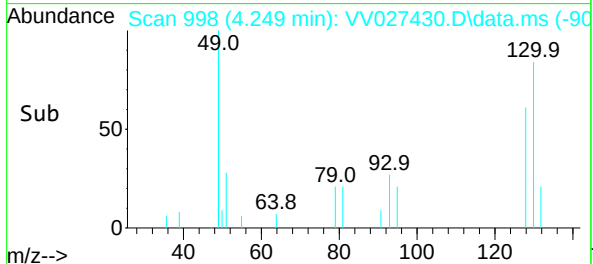


#23
Bromochloromethane
Concen: 1.566 ug/L
RT: 4.249 min Scan# 995
Delta R.T. 0.010 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

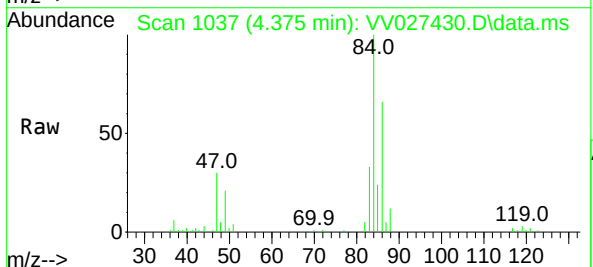
Instrument :
MSVOA_V
ClientSampleId :



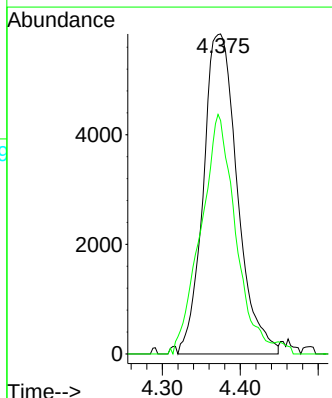
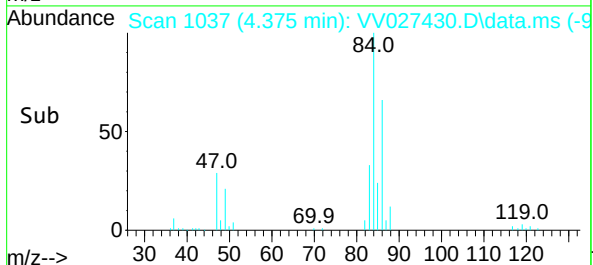
Tgt Ion:128 Resp: 2027
Ion Ratio Lower Upper
128 100
49 163.8 98.7 183.3
130 137.9 89.5 166.1
51 57.4 37.8 56.8#

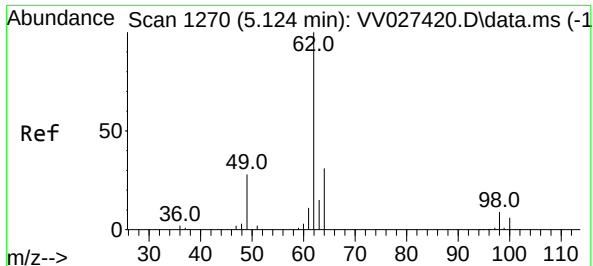


#25
Chloroform
Concen: 3.917 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25



Tgt Ion: 83 Resp: 17729
Ion Ratio Lower Upper
83 100
85 73.0 45.4 84.4





#27

1,2-Dichloroethane

Concen: 2.163 ug/L

RT: 5.137 min Scan# 1127

Delta R.T. 0.013 min

Lab File: VV027430.D

Acq: 18 Aug 2022 11:25

Instrument :

MSVOA_V

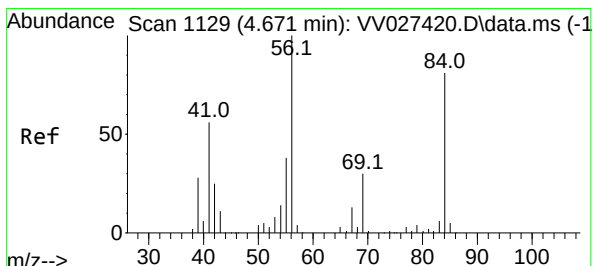
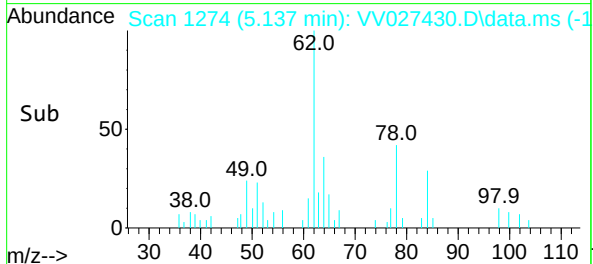
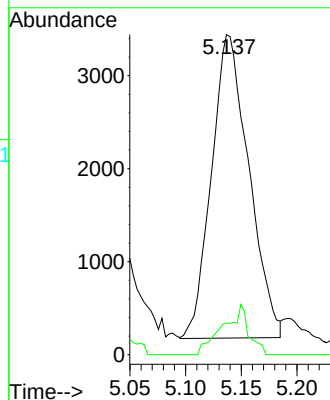
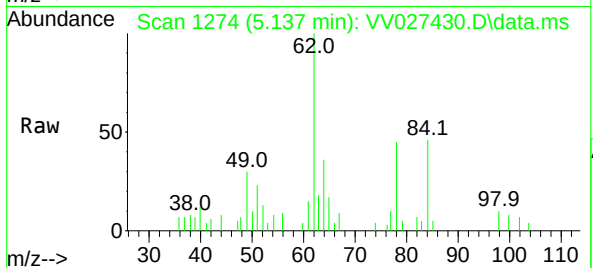
ClientSampleId :

Tgt Ion: 62 Resp: 7625

Ion Ratio Lower Upper

62 100

98 9.9 9.0 13.6



#29

Cyclohexane

Concen: 0.792 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV027430.D

Acq: 18 Aug 2022 11:25

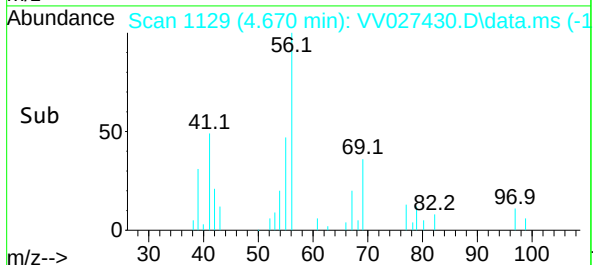
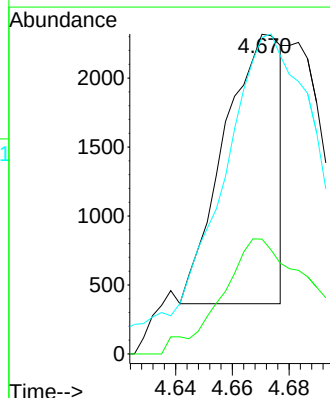
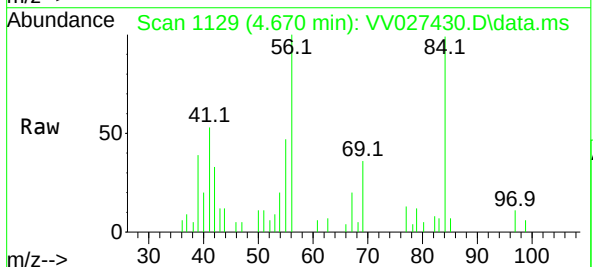
Tgt Ion: 56 Resp: 2716

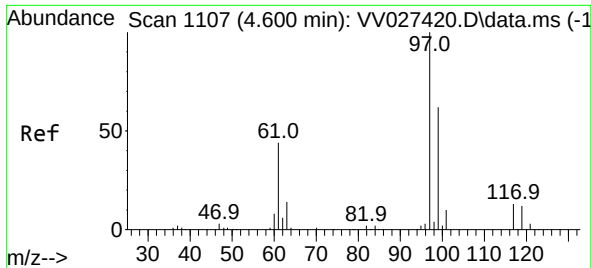
Ion Ratio Lower Upper

56 100

69 68.9 25.9 38.9#

84 182.8 75.3 112.9#

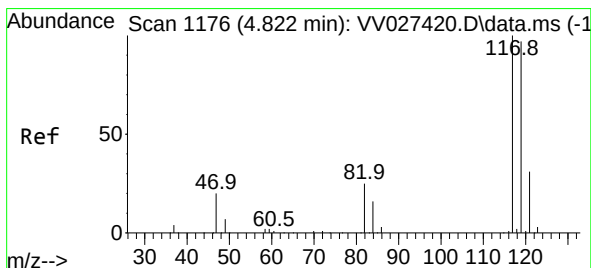
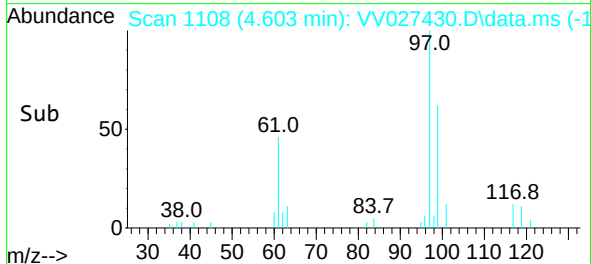
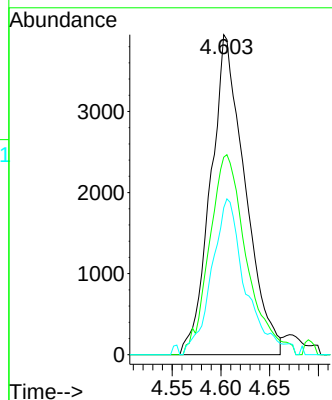
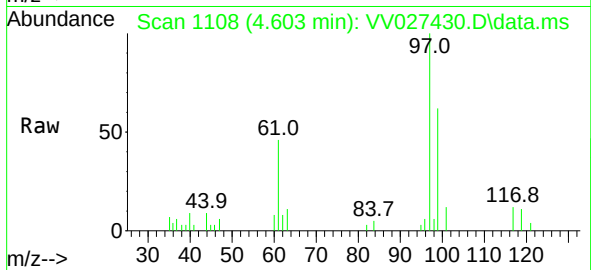




#30
1,1,1-Trichloroethane
Concen: 2.460 ug/L
RT: 4.603 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

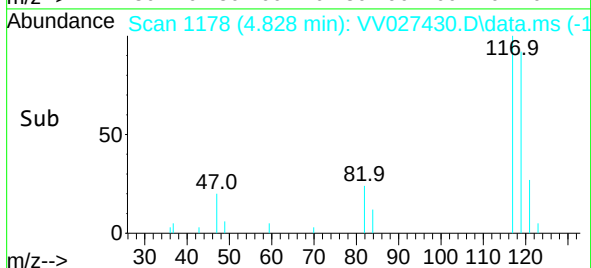
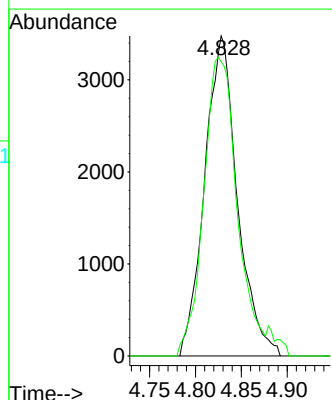
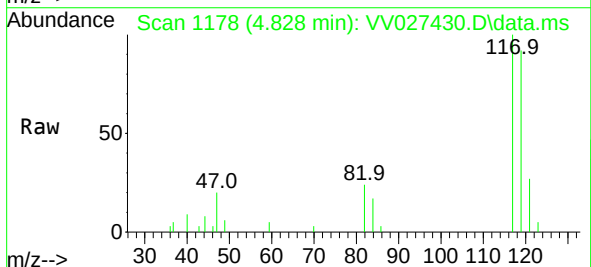
Instrument :
MSVOA_V
ClientSampleId :

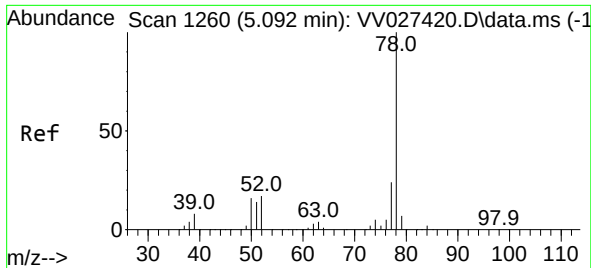
Tgt Ion: 97 Resp: 9712
Ion Ratio Lower Upper
97 100
99 67.2 51.4 77.2
61 45.3 32.1 48.1



#31
Carbon tetrachloride
Concen: 2.516 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Tgt Ion: 117 Resp: 8625
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.6

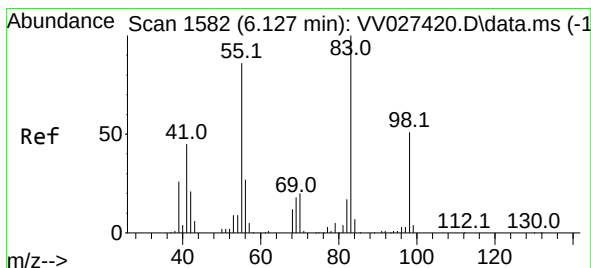
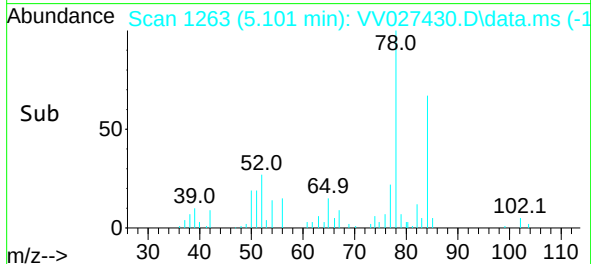
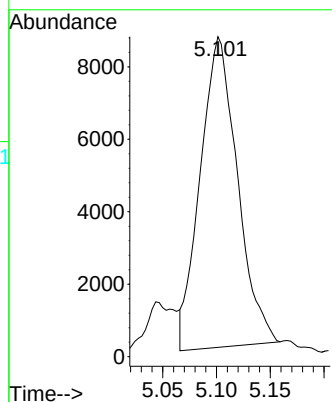
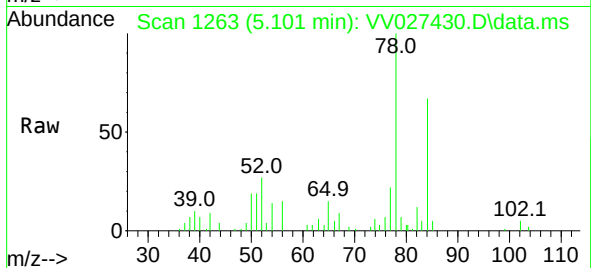




#33
Benzene
Concen: 2.153 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

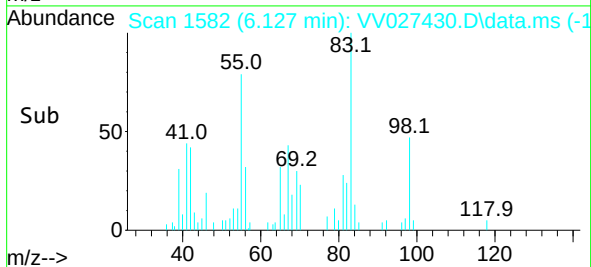
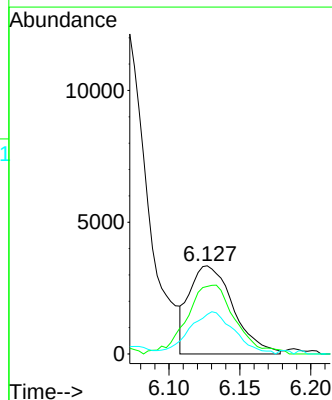
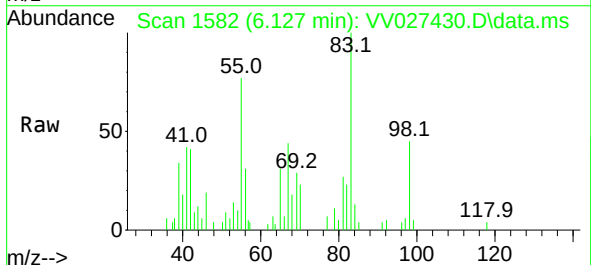
Instrument :
MSVOA_V
ClientSampleId :

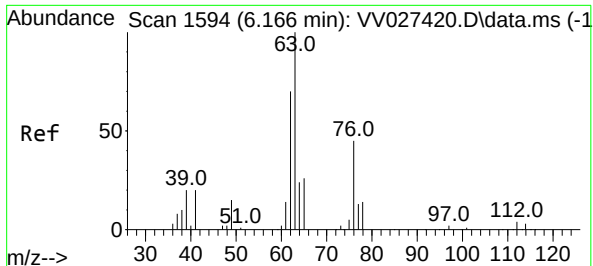
Tgt Ion: 78 Resp: 20609



#35
Methylcyclohexane
Concen: 1.995 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Tgt Ion: 83 Resp: 7191
Ion Ratio Lower Upper
83 100
55 75.5 55.5 83.3
98 44.4 39.0 58.4

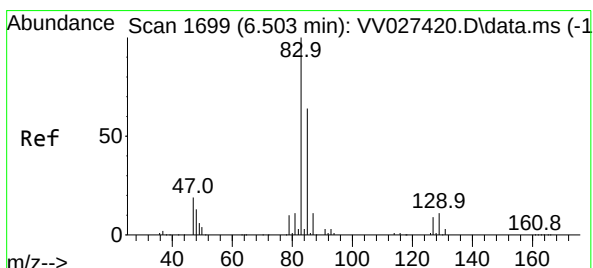
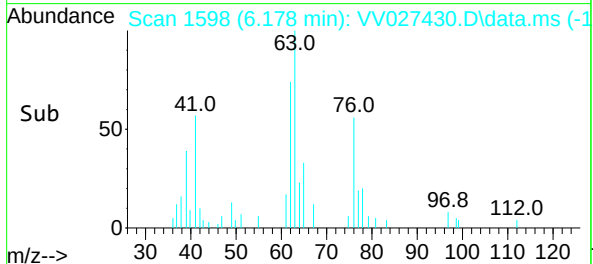
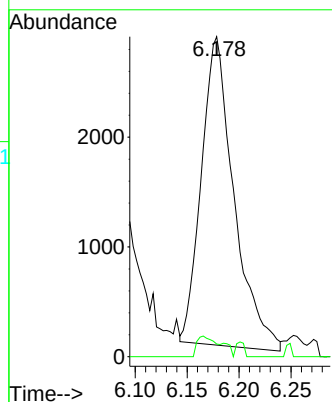
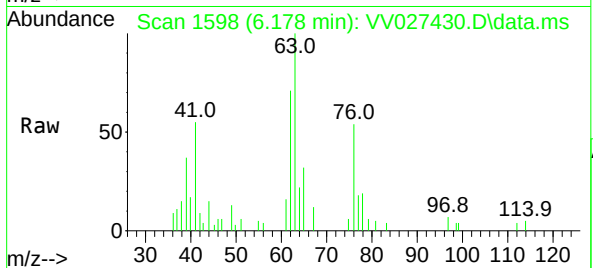




#37
 1,2-Dichloropropane
 Concen: 2.277 ug/L
 RT: 6.178 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VV027430.D
 Acq: 18 Aug 2022 11:25

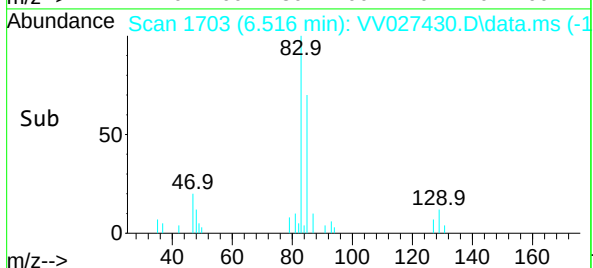
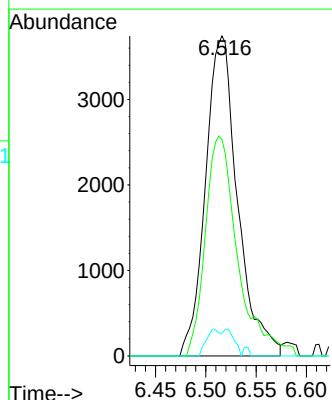
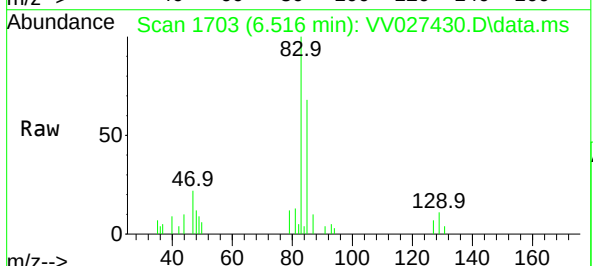
Instrument :
 MSVOA_V
 ClientSampleId :

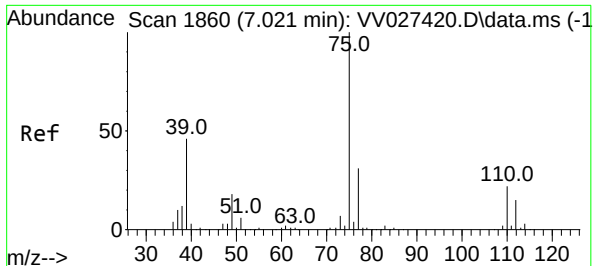
Tgt Ion: 63 Resp: 6108
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.7 5.5



#38
 Bromodichloromethane
 Concen: 2.363 ug/L
 RT: 6.516 min Scan# 1703
 Delta R.T. 0.013 min
 Lab File: VV027430.D
 Acq: 18 Aug 2022 11:25

Tgt Ion: 83 Resp: 8303
 Ion Ratio Lower Upper
 83 100
 85 67.6 45.5 84.5
 127 7.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 2.308 ug/L

RT: 7.037 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV027430.D

Acq: 18 Aug 2022 11:25

Instrument :

MSVOA_V

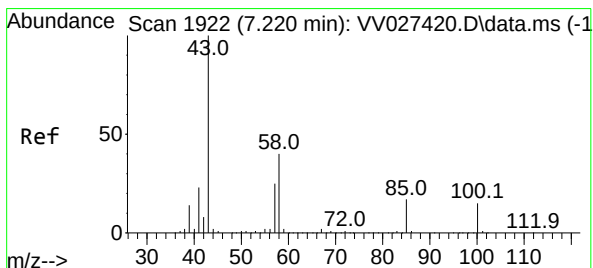
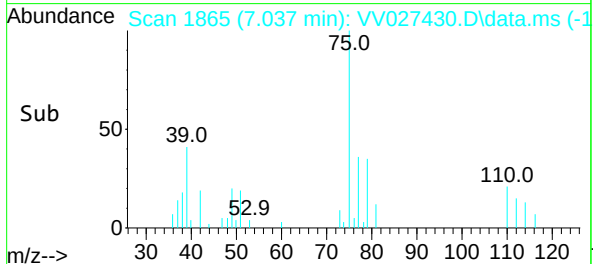
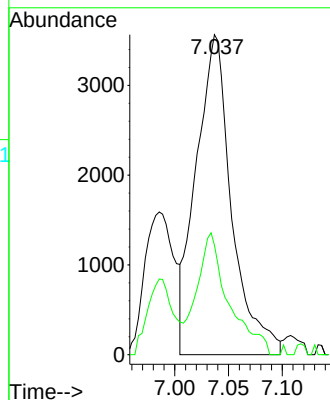
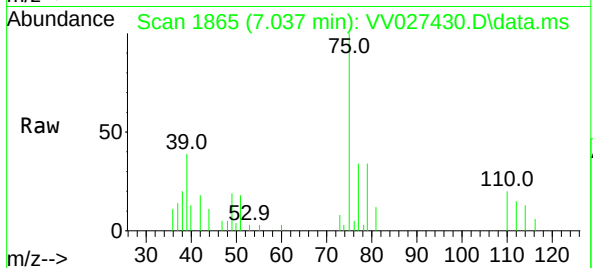
ClientSampleId :

Tgt Ion: 75 Resp: 8198

Ion Ratio Lower Upper

75 100

77 34.2 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 4.067 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.013 min

Lab File: VV027430.D

Acq: 18 Aug 2022 11:25

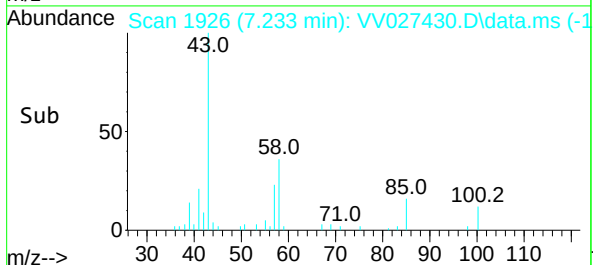
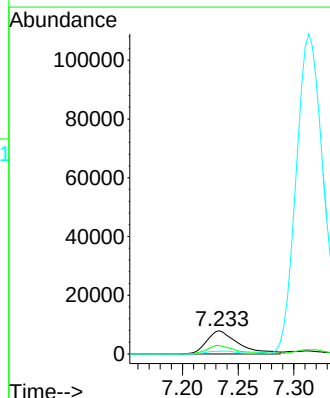
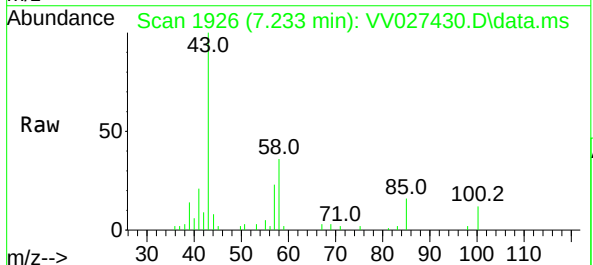
Tgt Ion: 43 Resp: 15559

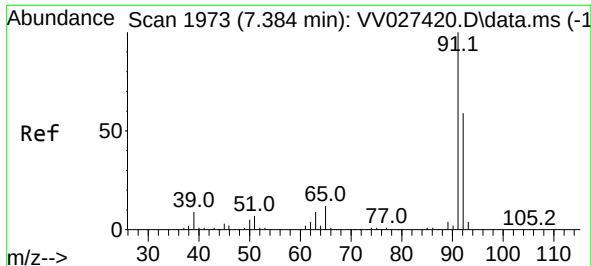
Ion Ratio Lower Upper

43 100

58 31.1 35.3 52.9#

100 11.7 15.7 23.5#

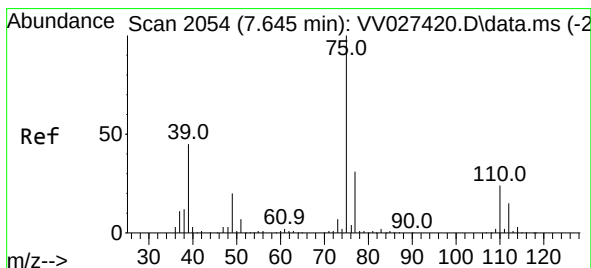
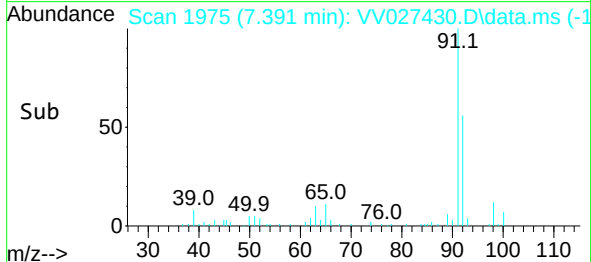
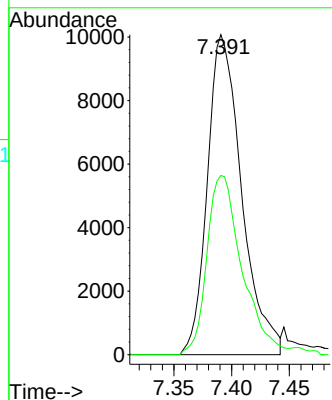
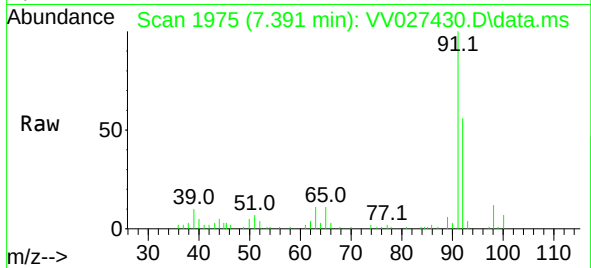




#42
Toluene
Concen: 2.137 ug/L
RT: 7.391 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

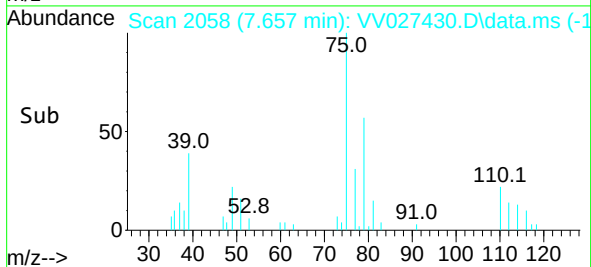
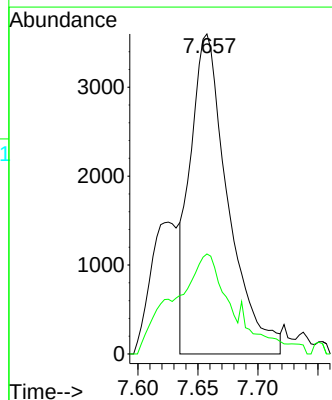
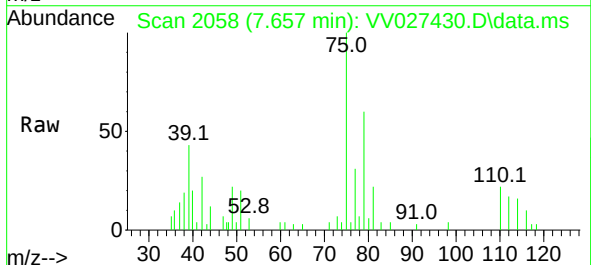
Instrument :
MSVOA_V
ClientSampleId :

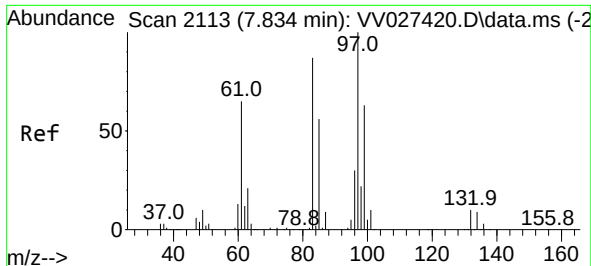
Tgt Ion: 91 Resp: 20799
Ion Ratio Lower Upper
91 100
92 56.0 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 2.247 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.013 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Tgt Ion: 75 Resp: 7845
Ion Ratio Lower Upper
75 100
77 31.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 2.345 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.006 min

Lab File: VV027430.D

Acq: 18 Aug 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 6061

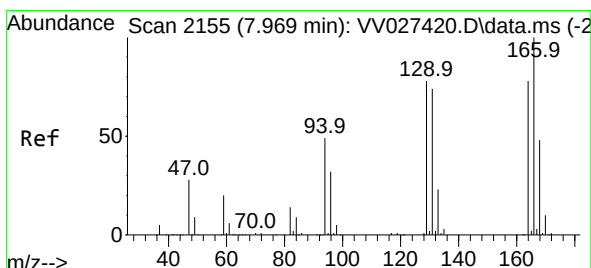
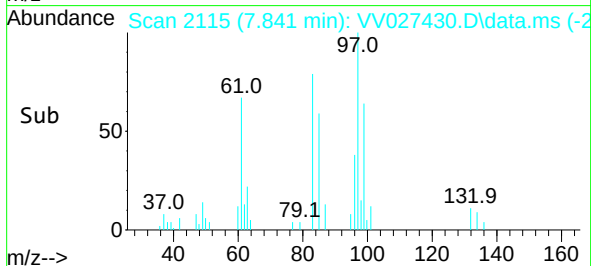
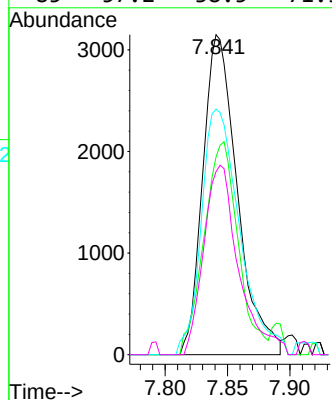
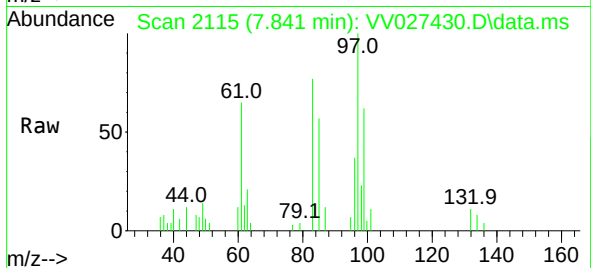
Ion Ratio Lower Upper

97 100

99 61.8 43.2 80.2

83 76.8 58.0 107.6

85 57.2 38.5 71.5



#46

Tetrachloroethene

Concen: 2.260 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.006 min

Lab File: VV027430.D

Acq: 18 Aug 2022 11:25

Tgt Ion:164 Resp: 4054

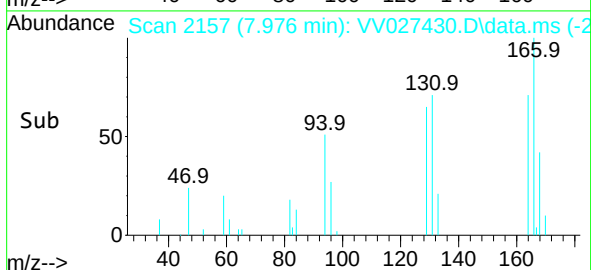
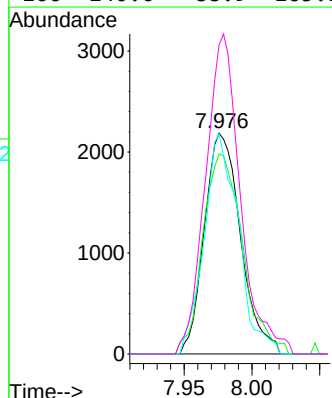
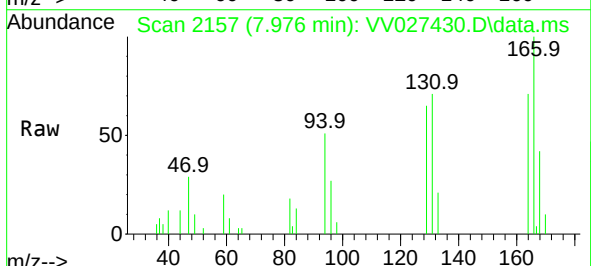
Ion Ratio Lower Upper

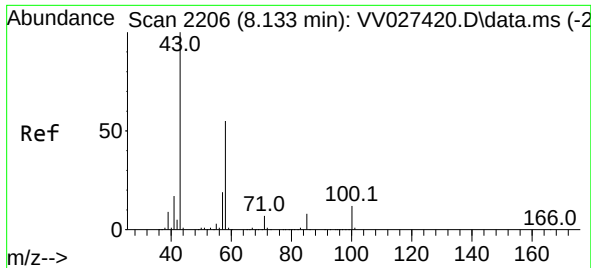
164 100

129 90.6 67.5 125.4

131 99.5 64.3 119.3

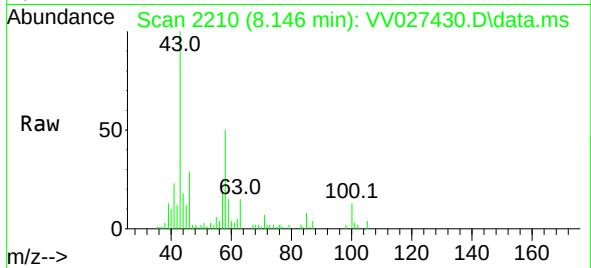
166 140.0 88.9 165.1



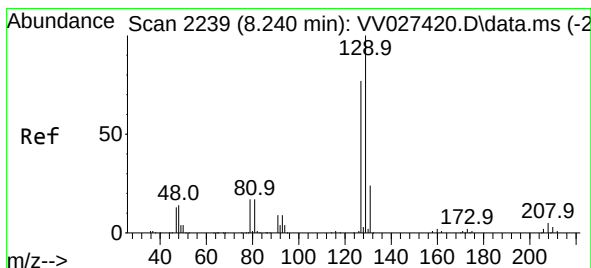
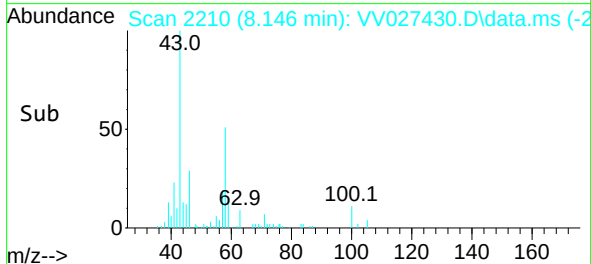
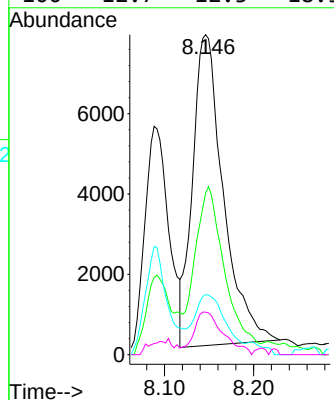


#48
2-Hexanone
Concen: 6.094 ug/L
RT: 8.146 min Scan# 211
Delta R.T. 0.013 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :

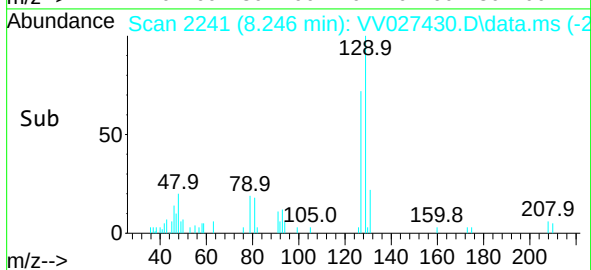
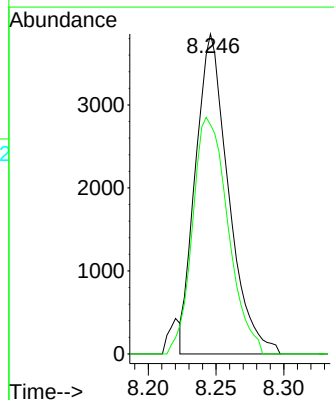
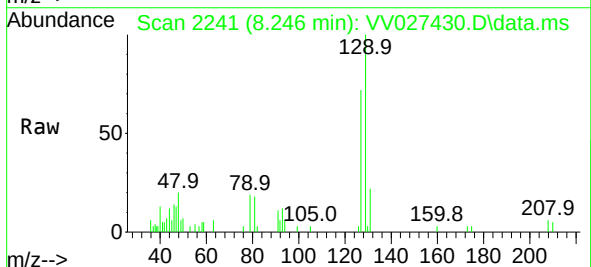


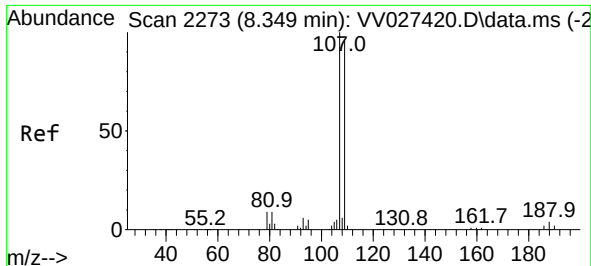
Tgt Ion: 43 Resp: 18571
Ion Ratio Lower Upper
43 100
58 48.9 50.8 76.2#
57 14.8 17.1 25.7#
100 12.7 12.3 18.5



#49
Dibromochloromethane
Concen: 2.386 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Tgt Ion: 129 Resp: 6520
Ion Ratio Lower Upper
129 100
127 71.7 53.3 98.9





#50

1,2-Dibromoethane

Concen: 2.270 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV027430.D

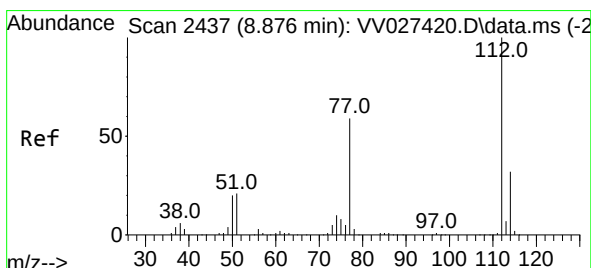
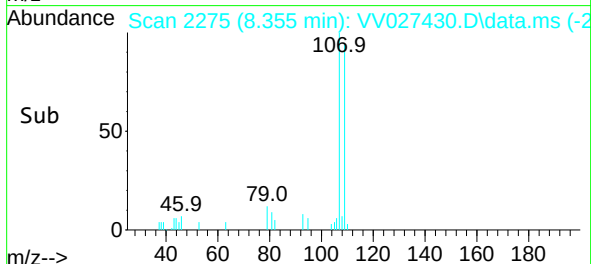
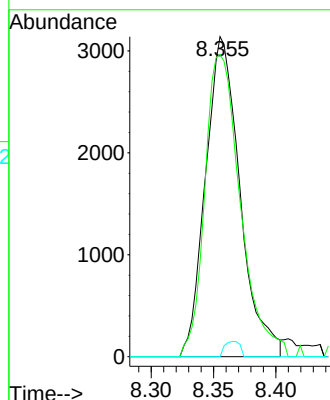
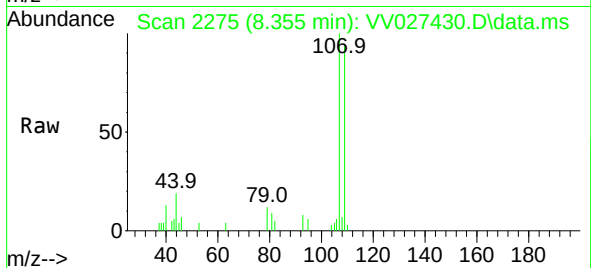
Acq: 18 Aug 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	6037
Ion	Ratio	Lower Upper
107	100	
109	94.5	65.7 121.9
188	0.0	2.7 4.1#



#51

Chlorobenzene

Concen: 2.284 ug/L

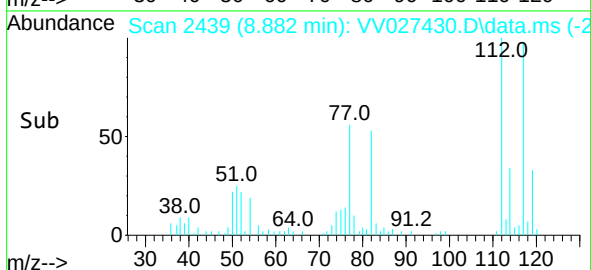
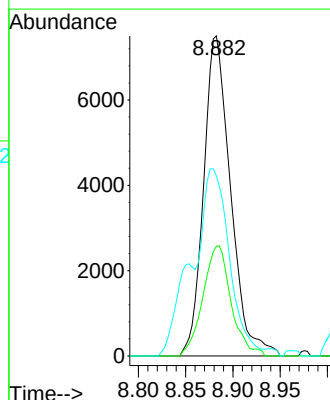
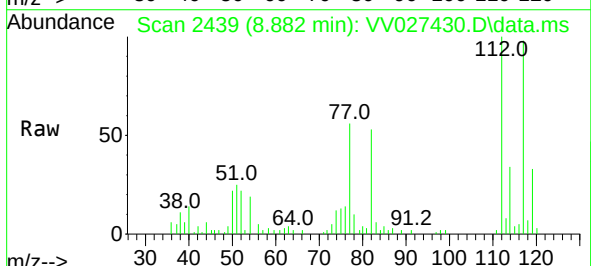
RT: 8.882 min Scan# 2439

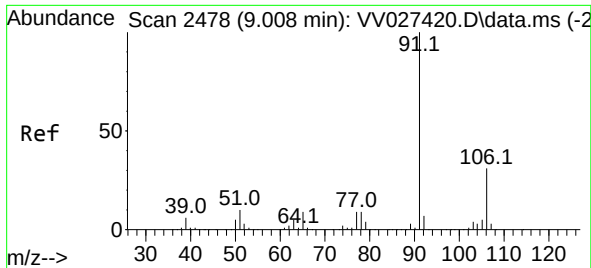
Delta R.T. 0.006 min

Lab File: VV027430.D

Acq: 18 Aug 2022 11:25

Tgt Ion:112	Resp:	14910
Ion	Ratio	Lower Upper
112	100	
114	34.3	22.8 42.4
77	56.3	44.2 66.2

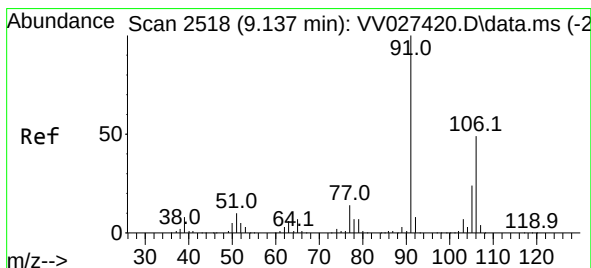
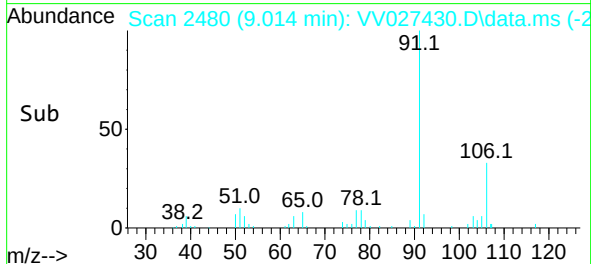
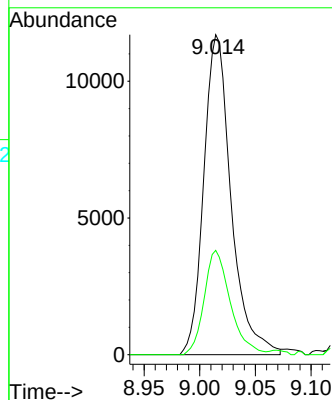
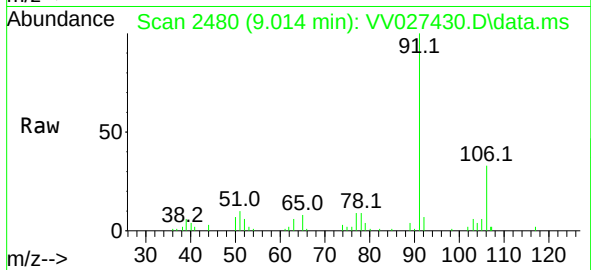




#52
Ethylbenzene
Concen: 1.988 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.006 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

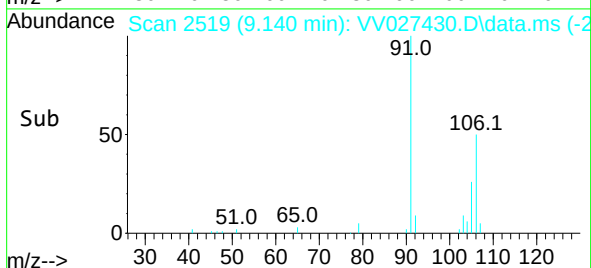
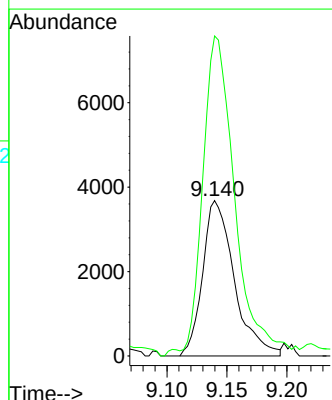
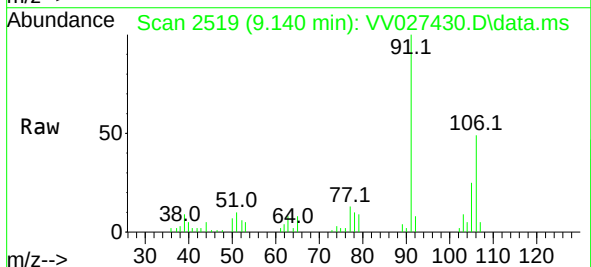
Instrument :
MSVOA_V
ClientSampleId :

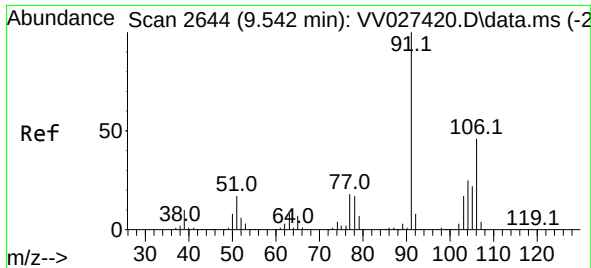
Tgt Ion: 91 Resp: 19967
Ion Ratio Lower Upper
91 100
106 32.6 21.8 40.6



#53
m,p-Xylene
Concen: 1.786 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Tgt Ion: 106 Resp: 6778
Ion Ratio Lower Upper
106 100
91 205.9 137.5 255.3

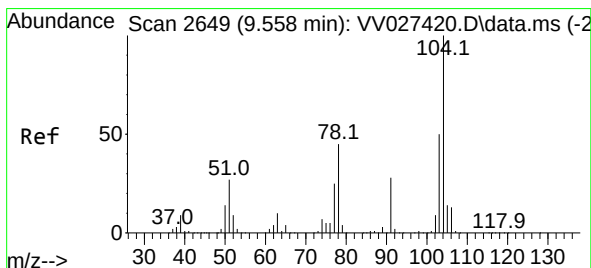
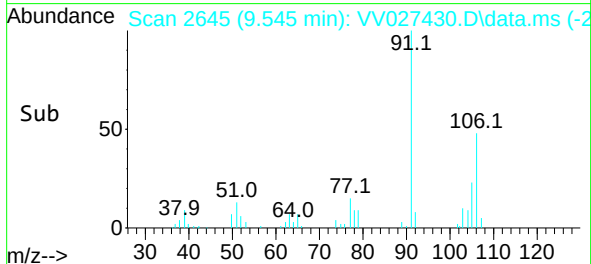
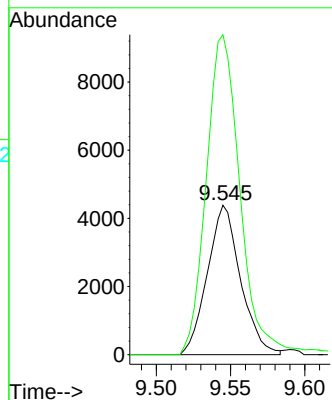
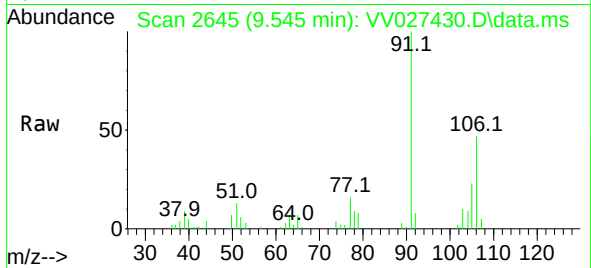




#54
o-Xylene
Concen: 1.842 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

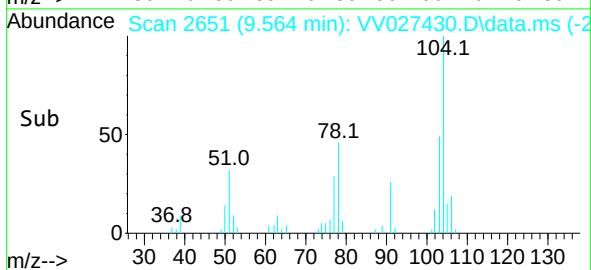
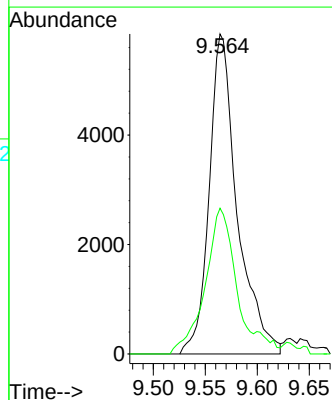
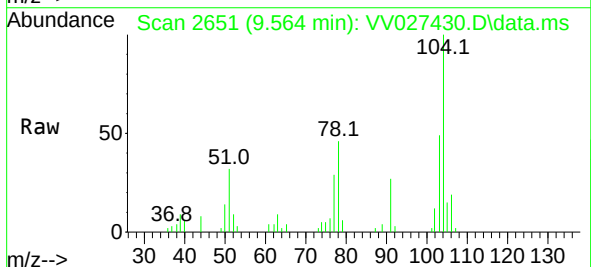
Instrument :
MSVOA_V
ClientSampleId :

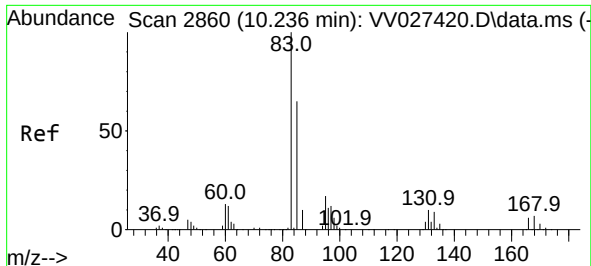
Tgt Ion:106 Resp: 6810
Ion Ratio Lower Upper
106 100
91 214.1 146.6 272.2



#55
Styrene
Concen: 1.684 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Tgt Ion:104 Resp: 10973
Ion Ratio Lower Upper
104 100
78 45.5 29.6 55.0

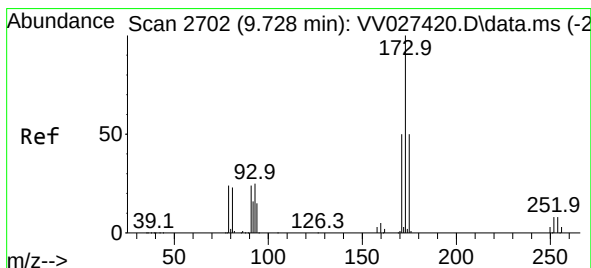
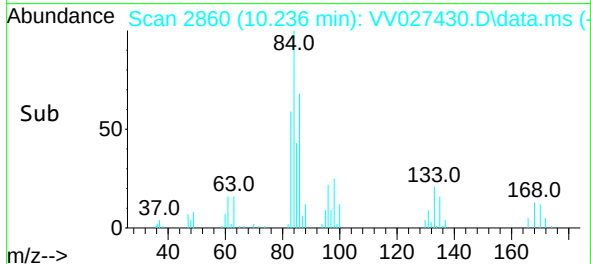
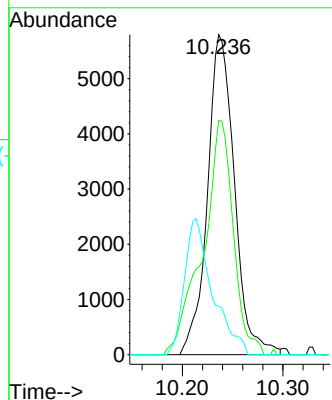
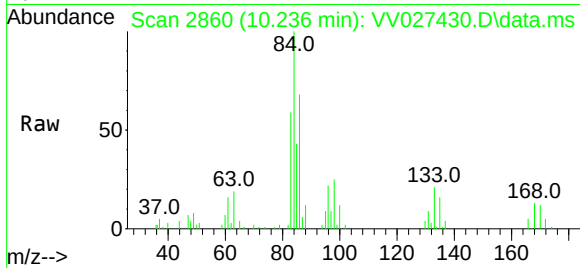




#57
1,1,2,2-Tetrachloroethane
Concen: 2.498 ug/L
RT: 10.236 min Scan# 2860
Delta R.T. -0.000 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

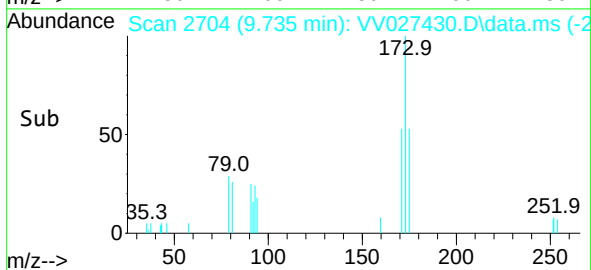
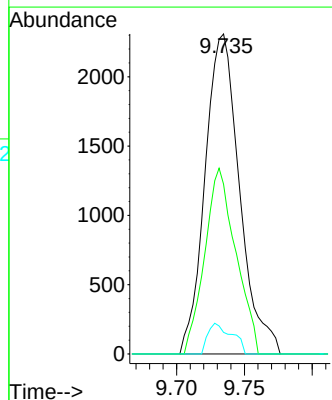
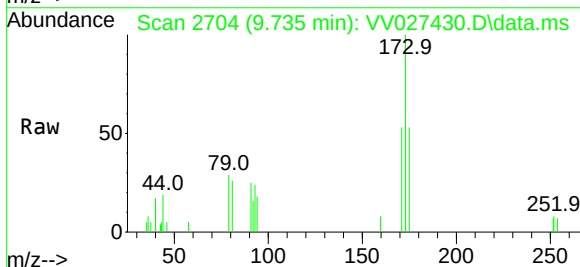
Instrument :
MSVOA_V
ClientSampleId :

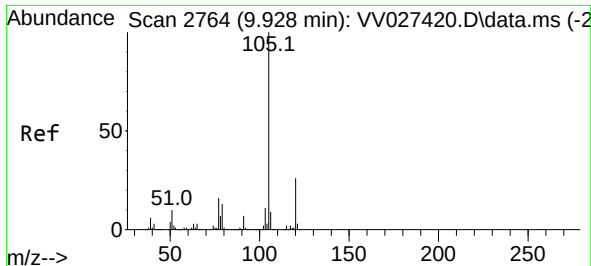
Tgt Ion: 83 Resp: 10816
Ion Ratio Lower Upper
83 100
85 73.2 45.2 84.0
131 15.2 8.1 12.1#



#59
Bromoform
Concen: 2.427 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.006 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Tgt Ion: 173 Resp: 4091
Ion Ratio Lower Upper
173 100
175 52.2 39.0 58.4
254 6.6 6.9 10.3#

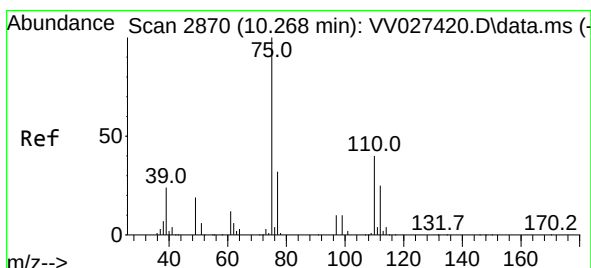
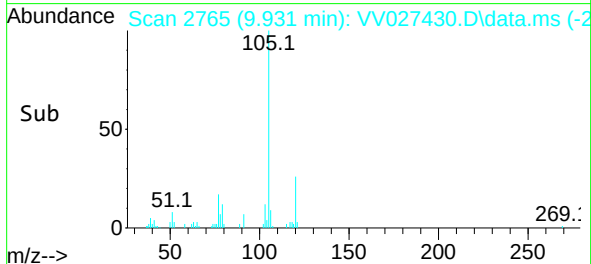
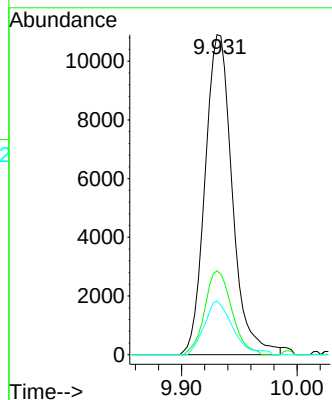
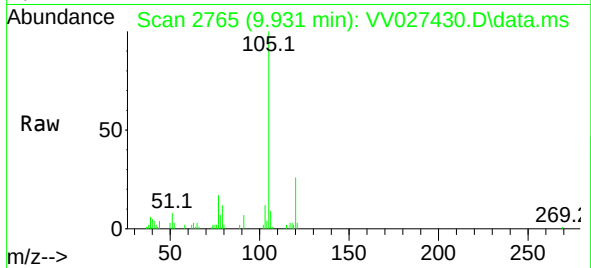




#60
Isopropylbenzene
Concen: 1.997 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

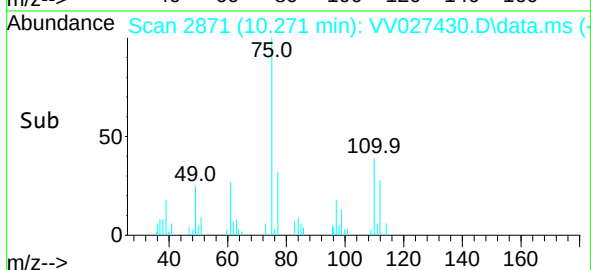
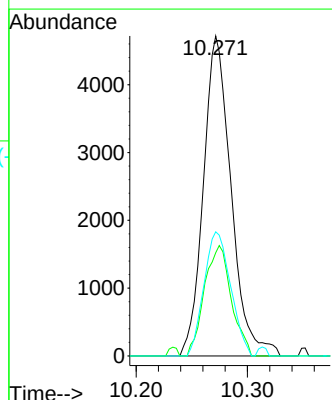
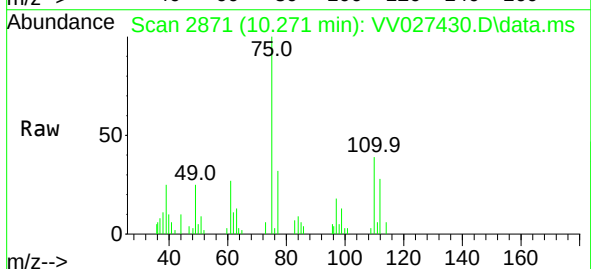
Instrument :
MSVOA_V
ClientSampleId :

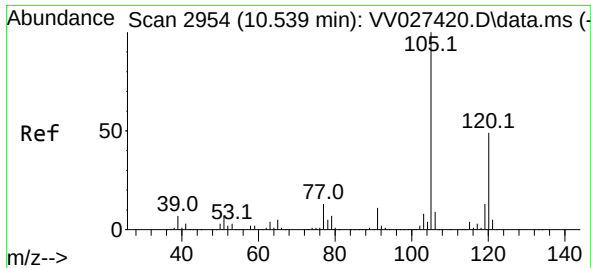
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.4	32.0
77	17.5	11.8	17.6



#61
1,2,3-Trichloropropane
Concen: 2.504 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.8	38.8
110	37.2	32.7	49.1

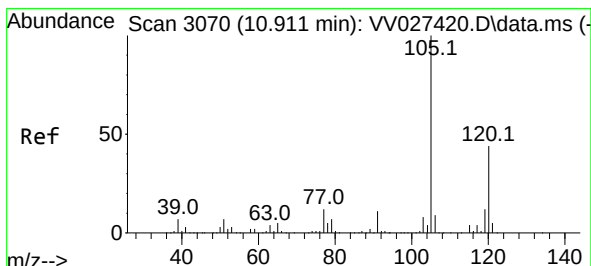
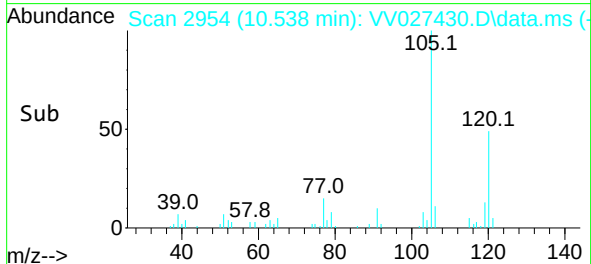
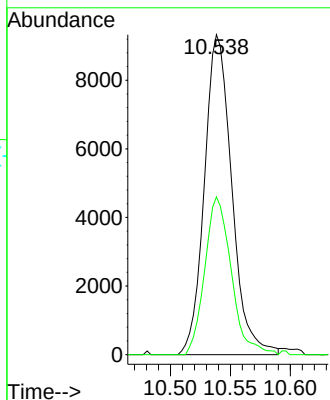
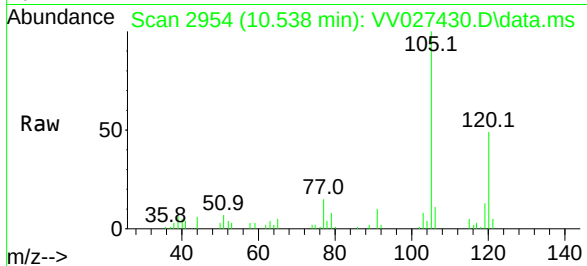




#62
1,3,5-Trimethylbenzene
Concen: 2.007 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

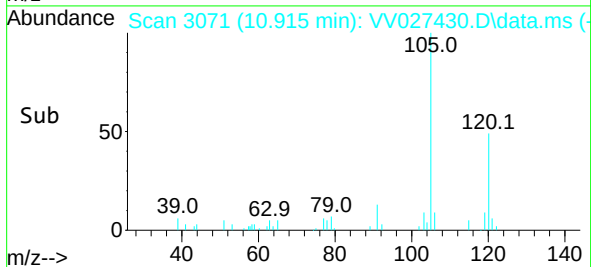
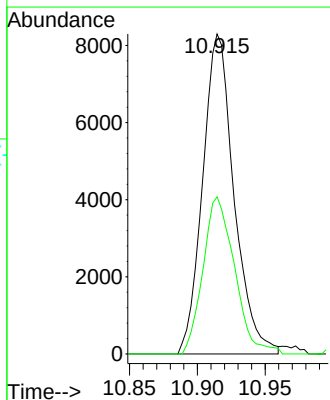
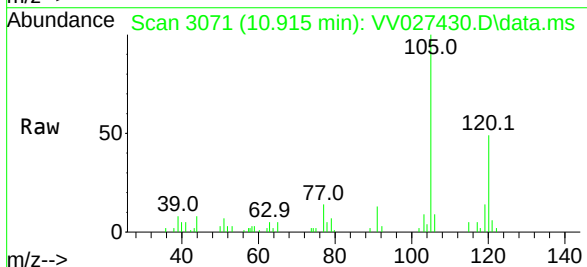
Instrument :
MSVOA_V
ClientSampleId :

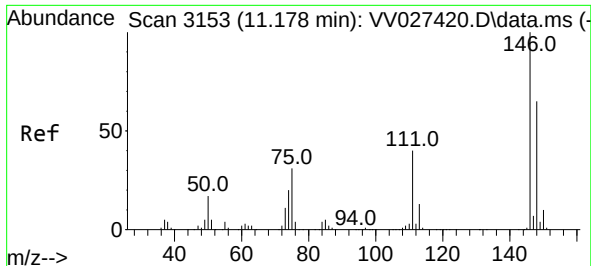
Tgt Ion:105 Resp: 14822
Ion Ratio Lower Upper
105 100
120 47.5 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 1.846 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

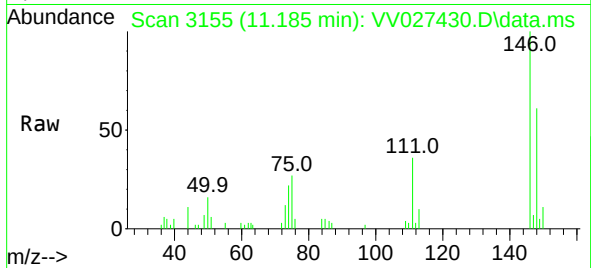
Tgt Ion:105 Resp: 13355
Ion Ratio Lower Upper
105 100
120 49.4 37.0 55.6



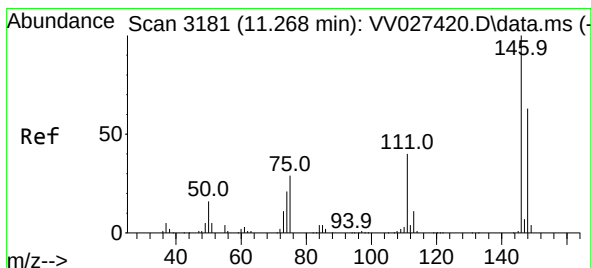
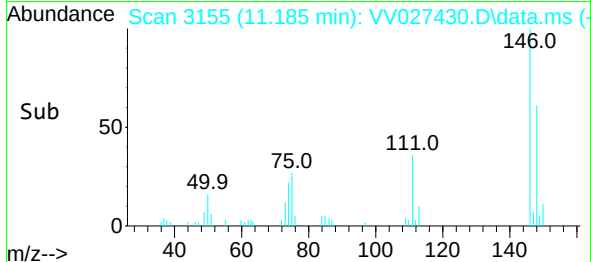
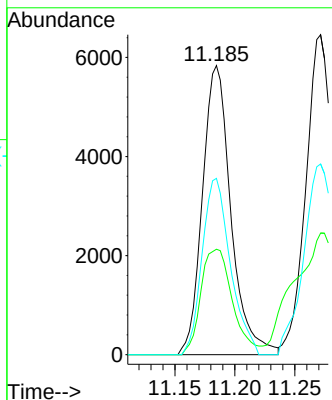


#64
1,3-Dichlorobenzene
Concen: 2.226 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :

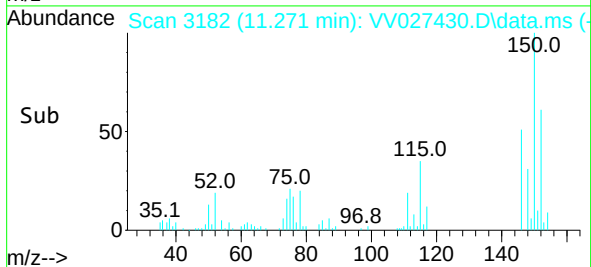
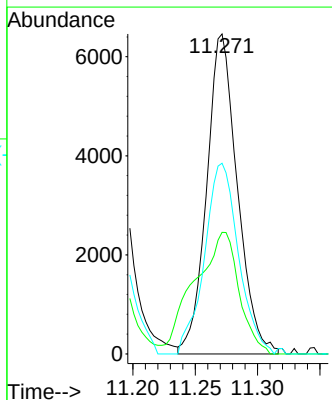
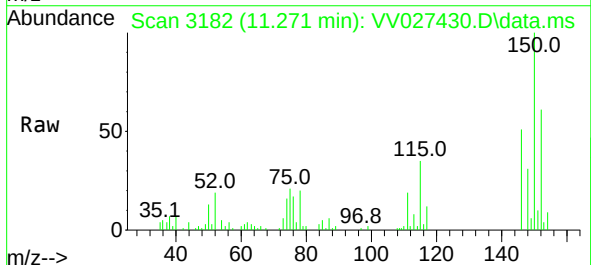


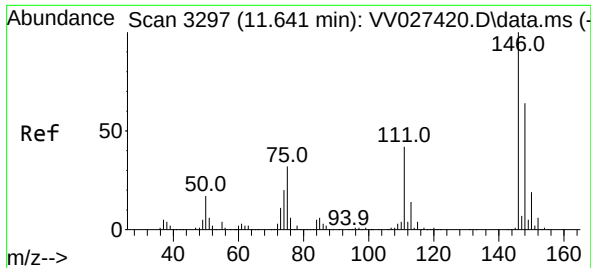
Tgt Ion:146 Resp: 9646
Ion Ratio Lower Upper
146 100
111 36.5 28.4 52.8
148 61.0 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 2.429 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Tgt Ion:146 Resp: 11078
Ion Ratio Lower Upper
146 100
111 38.0 27.4 51.0
148 59.6 44.6 82.8

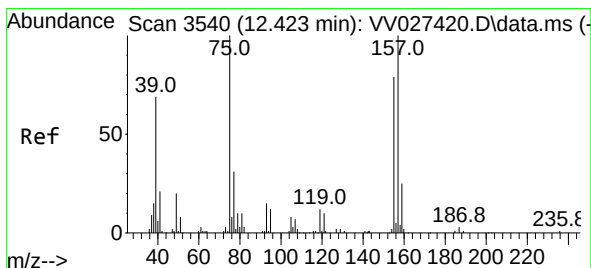
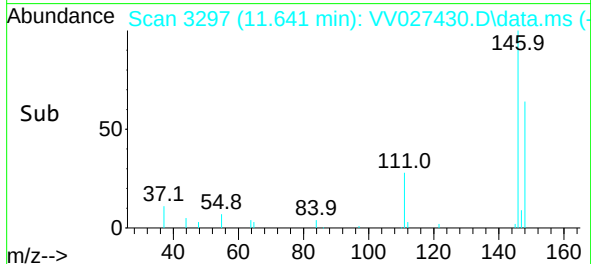
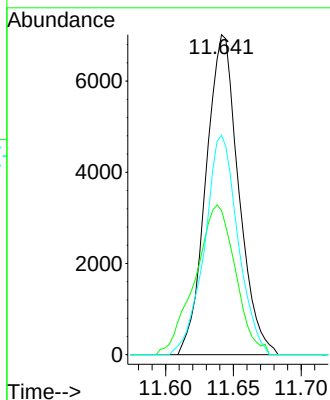
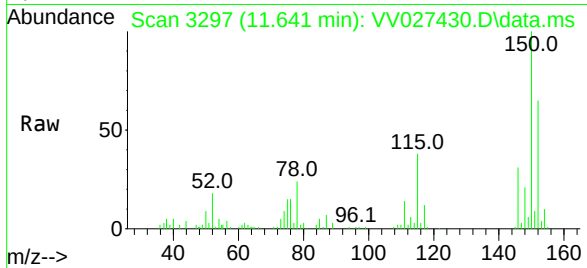




#67
 1,2-Dichlorobenzene
 Concen: 2.593 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV027430.D
 Acq: 18 Aug 2022 11:25

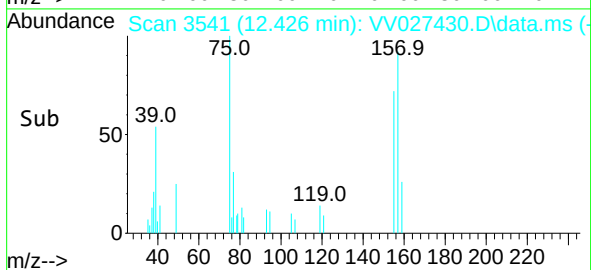
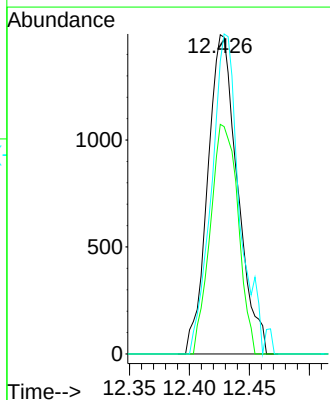
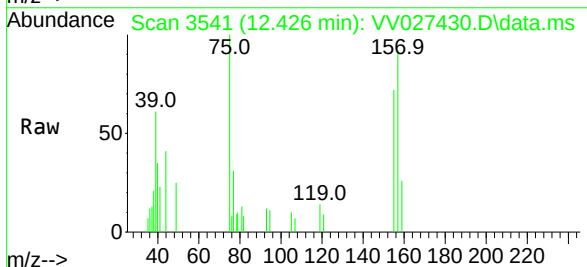
Instrument :
 MSVOA_V
 ClientSampleId :

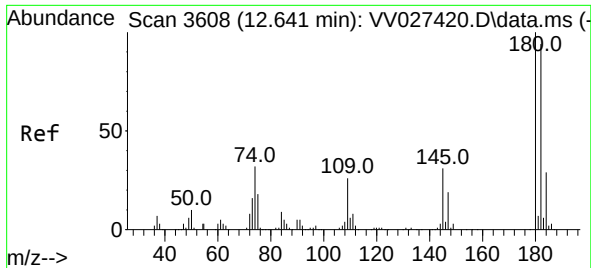
Tgt Ion:146 Resp: 11772
 Ion Ratio Lower Upper
 146 100
 111 45.0 34.0 51.0
 148 68.6 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.825 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.003 min
 Lab File: VV027430.D
 Acq: 18 Aug 2022 11:25

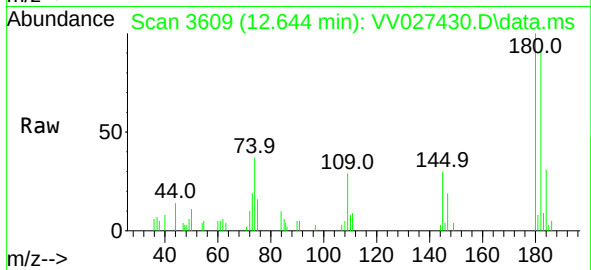
Tgt Ion: 75 Resp: 2582
 Ion Ratio Lower Upper
 75 100
 155 71.9 69.1 103.7
 157 91.7 87.8 131.8



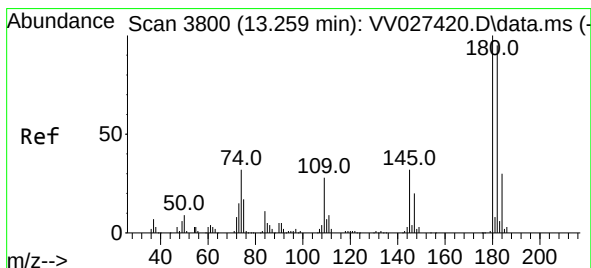
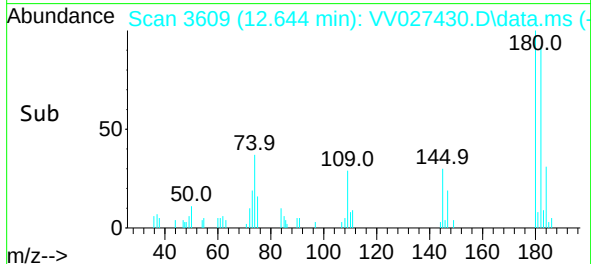
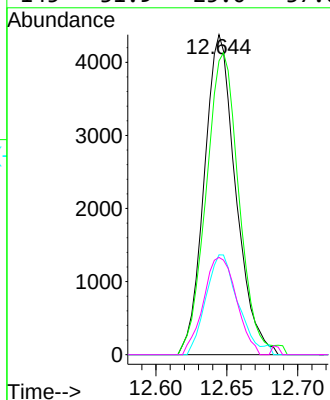


#69
1,3,5-Trichlorobenzene
Concen: 2.325 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.003 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :

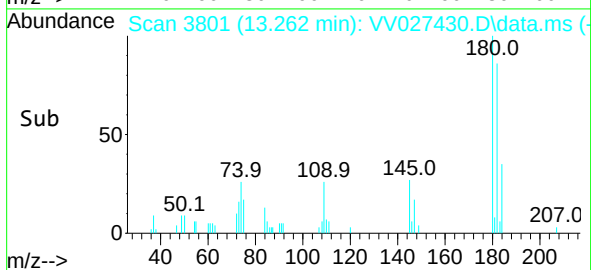
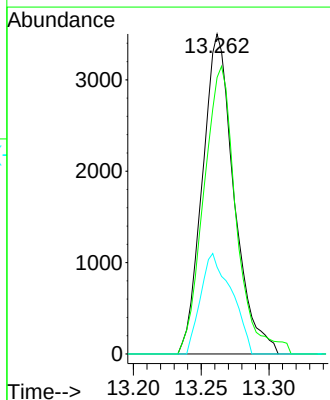
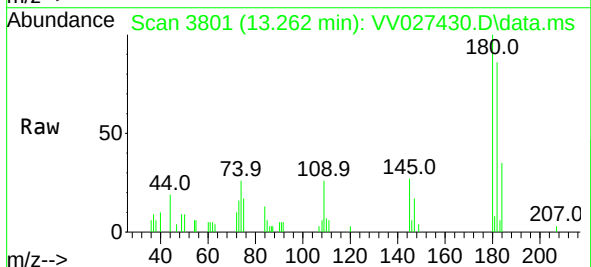


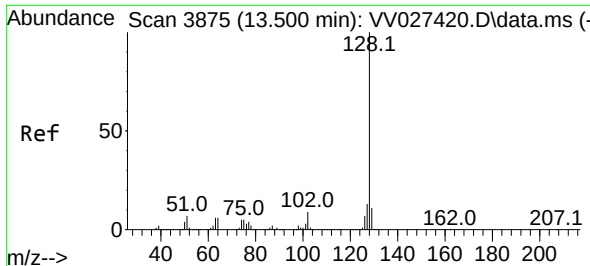
Tgt Ion:180 Resp: 6767
Ion Ratio Lower Upper
180 100
182 97.7 76.2 114.4
184 31.3 24.8 37.2
145 31.9 25.0 37.6



#70
1,2,4-trichlorobenzene
Concen: 2.350 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Tgt Ion:180 Resp: 5682
Ion Ratio Lower Upper
180 100
182 91.5 75.9 113.9
145 30.7 24.7 37.1

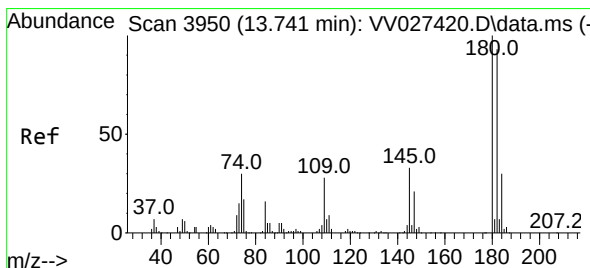
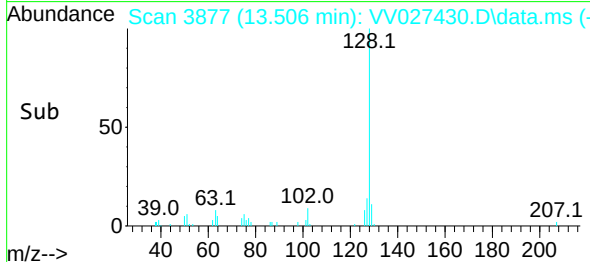
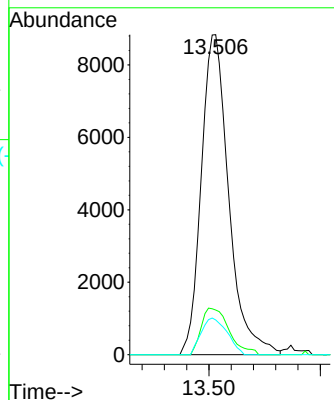
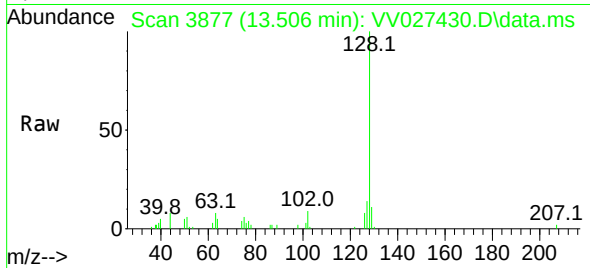




#71
Naphthalene
Concen: 1.831 ug/L
RT: 13.506 min Scan# 3911
Delta R.T. 0.006 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	15158
Ion Ratio	Lower	Upper	
128	100		
127	14.7	10.3	15.5
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.009 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV027430.D
Acq: 18 Aug 2022 11:25

Tgt Ion:	180	Resp:	5382
Ion Ratio	Lower	Upper	
180	100		
182	102.4	76.3	114.5
145	34.1	27.4	41.0

