

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030137.D
 Acq On : 20 Jul 2022 17:10
 Operator : JC/MD
 Sample : N3765-03 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-01DN-84

Quant Time: Jul 21 03:32:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

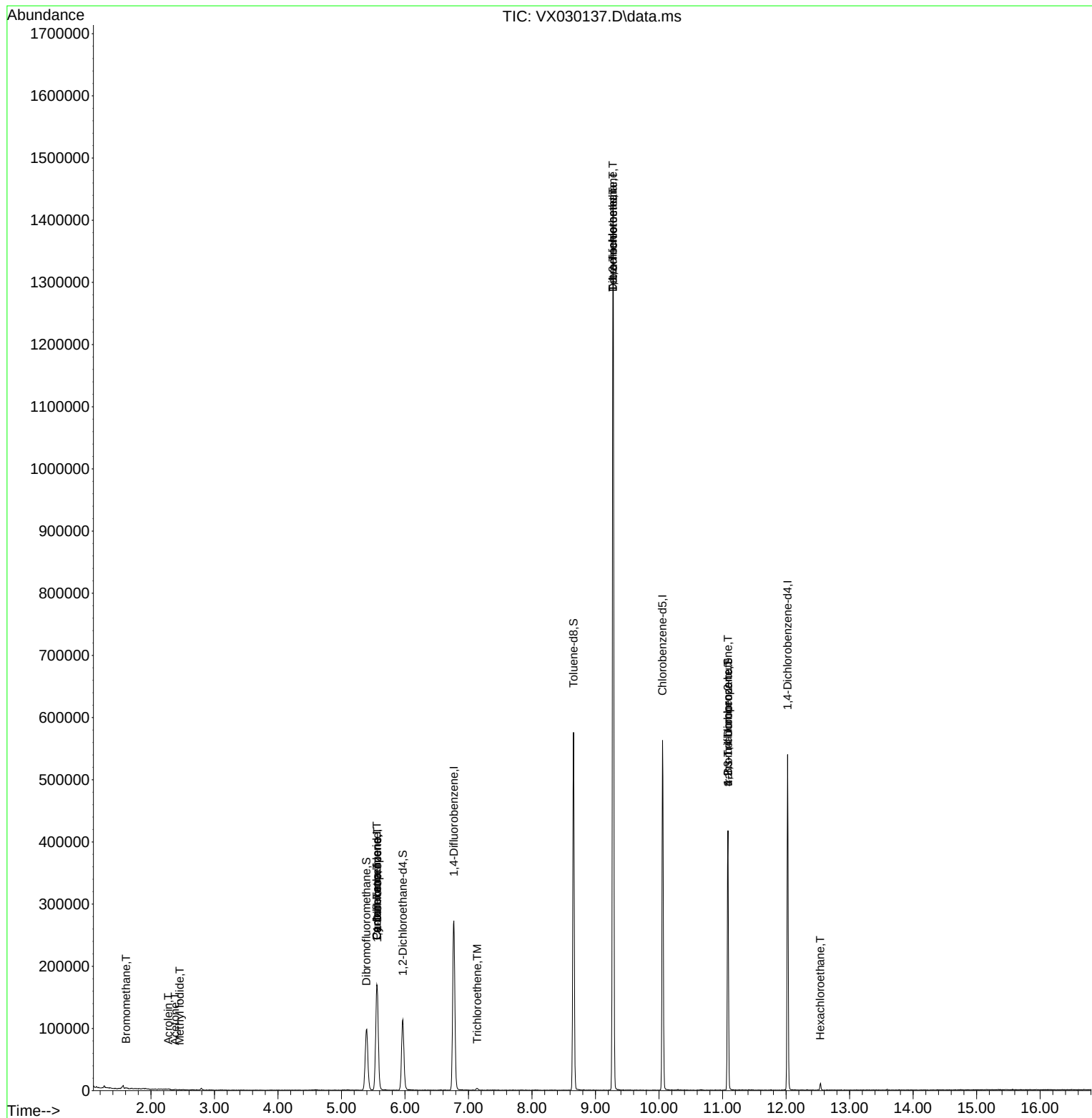
Internal Standards						
1) Pentafluorobenzene	5.556	168	160283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	290053	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104645	53.638	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.280%			
35) Dibromofluoromethane	5.391	113	87693	47.326	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.660%			
50) Toluene-d8	8.653	98	333405	47.842	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.680%			
62) 4-Bromofluorobenzene	11.085	95	112615	46.566	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	63	Below Cal	#	42
5) Bromomethane	1.605	94	288	0.365	ug/l	90
10) Methyl Iodide	2.453	142	388	2.638	ug/l #	93
13) Acrolein	2.270	56	67	0.668	ug/l #	60
16) Acetone	2.380	43	898	0.977	ug/l	95
17) Carbon Disulfide	2.514	76	892	Below Cal	#	74
20) Methylene Chloride	2.794	84	980	Below Cal	#	83
31) Cyclohexane	5.556	56	3435	1.215	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	13839	5.782	ug/l #	48
38) Carbon Tetrachloride	5.556	117	16244	7.278	ug/l #	19
44) Trichloroethene	7.135	130	1160	0.527	ug/l	60
55) 1,1,2-Trichloroethane	9.275	97	2231	1.131	ug/l #	1
60) Dibromochloromethane	9.275	129	255520	132.954	ug/l #	11
64) Tetrachloroethene	9.275	164	254236	125.166	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	55551	22.533	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55551	65.029	ug/l #	12
90) Hexachloroethane	12.536	117	1453	1.328	ug/l	90

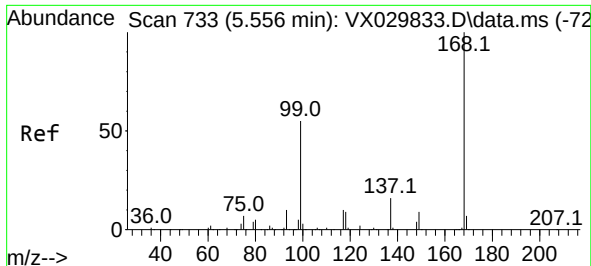
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 21 03:32:00 2022
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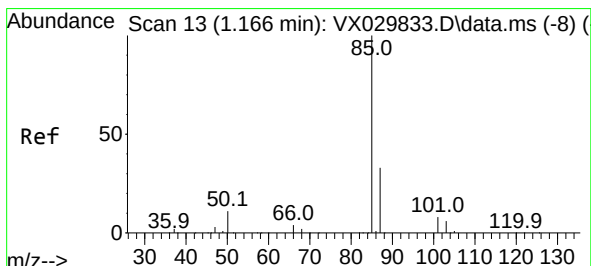
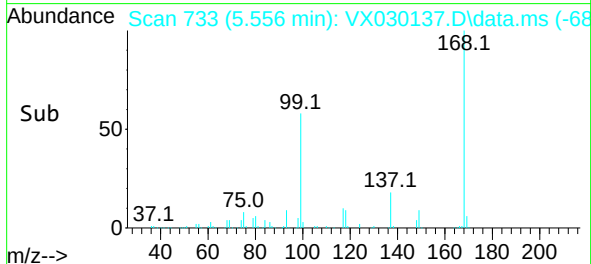
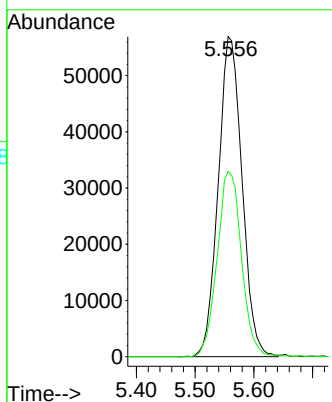
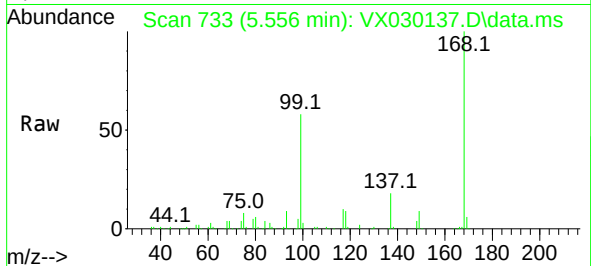




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030137.D
Acq: 20 Jul 2022 17:10

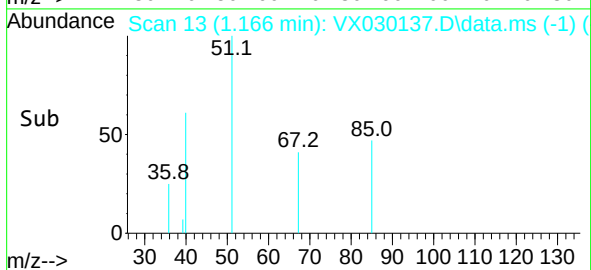
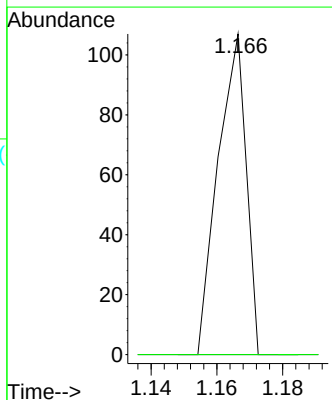
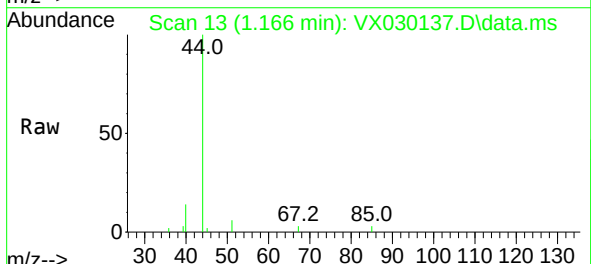
Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84

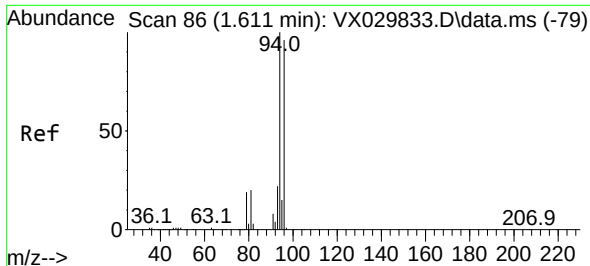
Tgt Ion:168 Resp: 160283
Ion Ratio Lower Upper
168 100
99 57.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030137.D
Acq: 20 Jul 2022 17:10

Tgt Ion: 85 Resp: 63
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

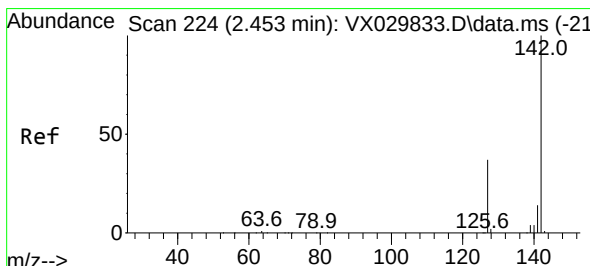
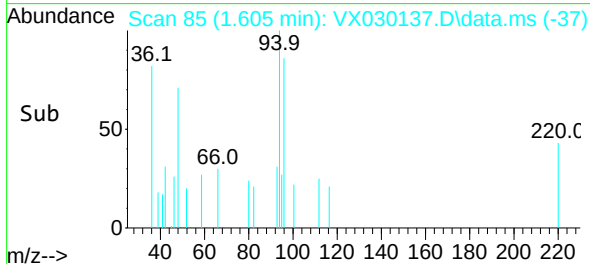
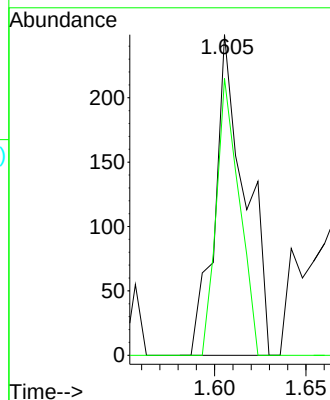
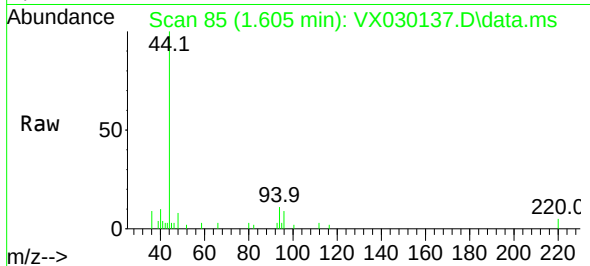




#5
Bromomethane
Concen: 0.365 ug/l
RT: 1.605 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX030137.D
Acq: 20 Jul 2022 17:10

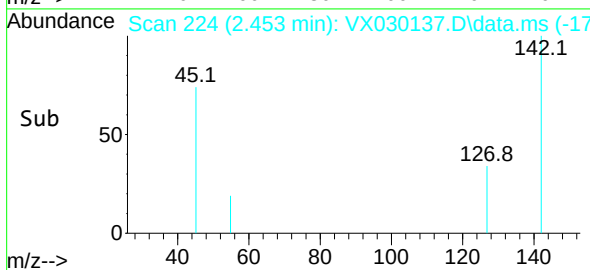
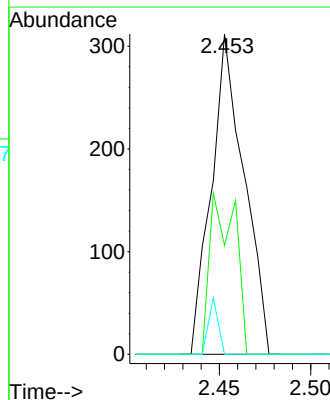
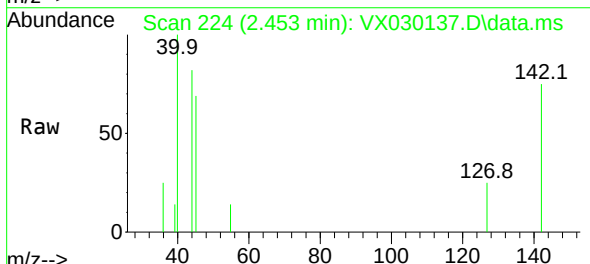
Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84

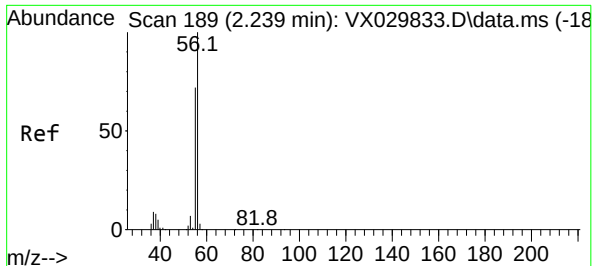
Tgt Ion: 94 Resp: 288
Ion Ratio Lower Upper
94 100
96 86.3 76.9 115.3



#10
Methyl Iodide
Concen: 2.638 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030137.D
Acq: 20 Jul 2022 17:10

Tgt Ion: 142 Resp: 388
Ion Ratio Lower Upper
142 100
127 38.9 30.2 45.2
141 5.2 11.3 16.9





#13

Acrolein

Concen: 0.668 ug/l

RT: 2.270 min Scan# 194

Delta R.T. 0.031 min

Lab File: VX030137.D

Acq: 20 Jul 2022 17:10

Instrument :

MSVOA_X

ClientSampleId :

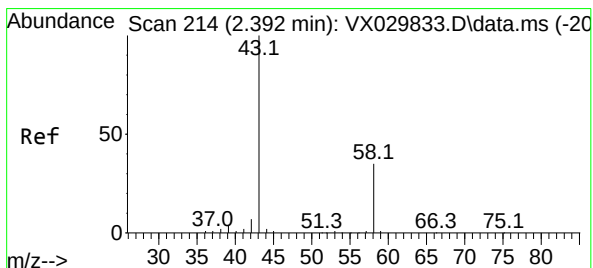
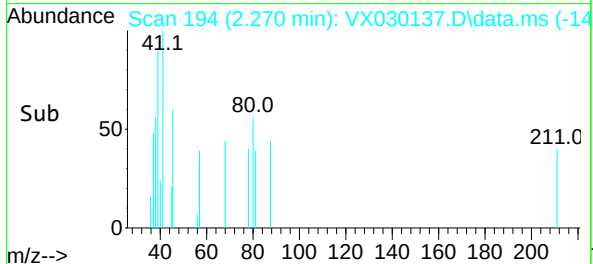
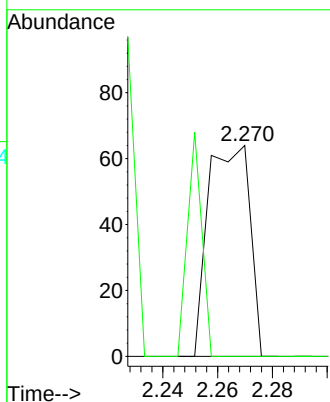
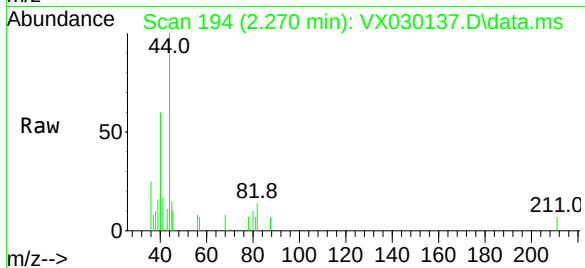
SPC-01DN-84

Tgt Ion: 56 Resp: 67

Ion Ratio Lower Upper

56 100

55 37.3 56.6 84.8#



#16

Acetone

Concen: 0.977 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX030137.D

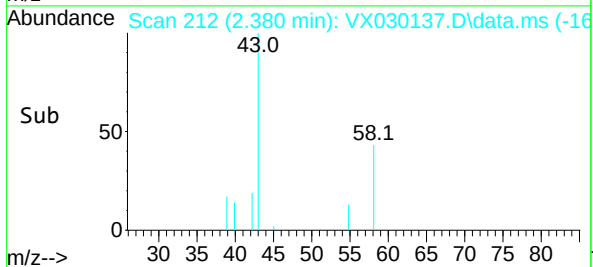
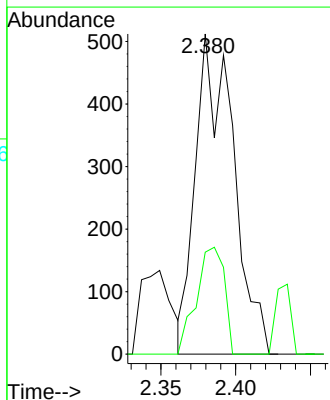
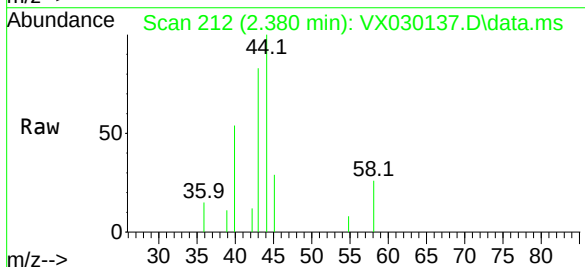
Acq: 20 Jul 2022 17:10

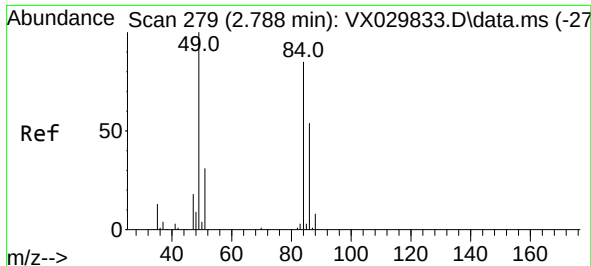
Tgt Ion: 43 Resp: 898

Ion Ratio Lower Upper

43 100

58 31.8 27.7 41.5

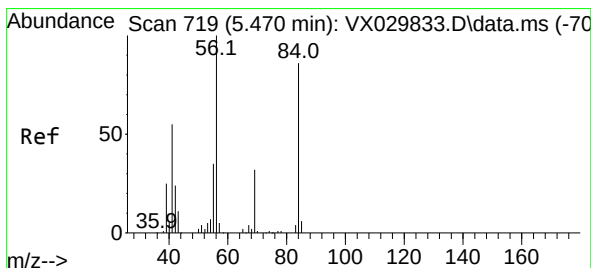
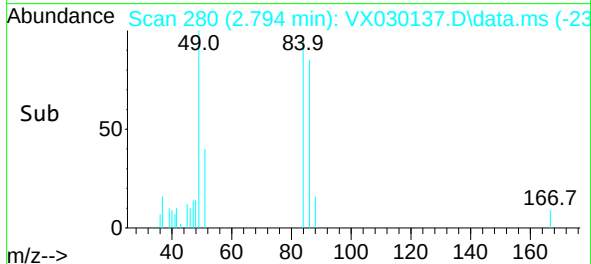
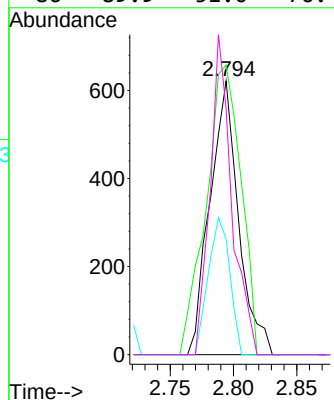
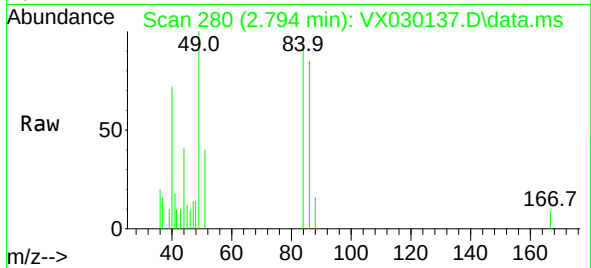




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030137.D
Acq: 20 Jul 2022 17:10

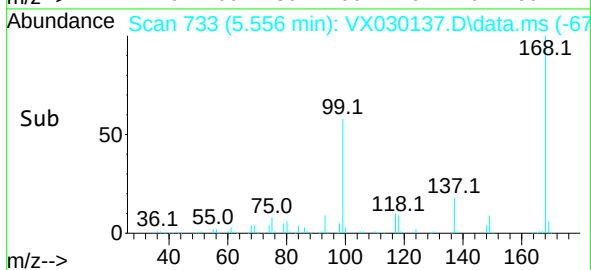
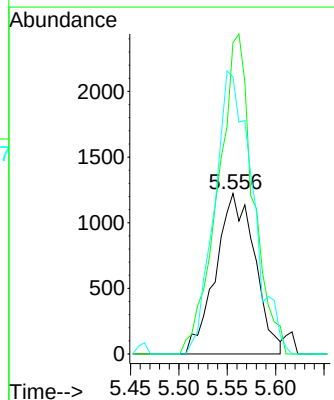
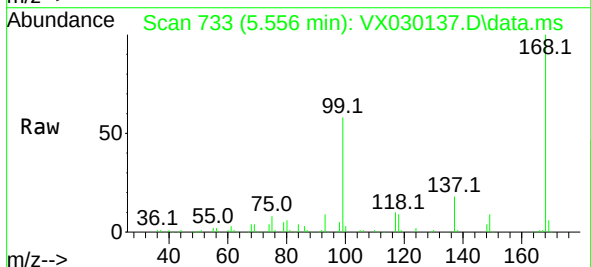
Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84

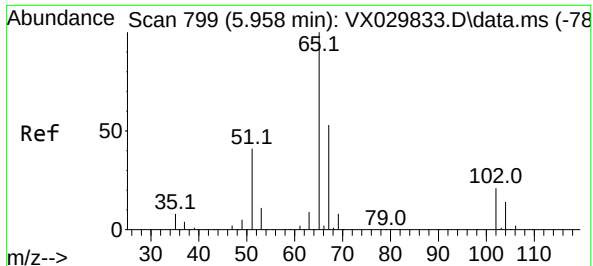
Tgt Ion: 84	Resp: 980
Ion Ratio	Lower Upper
84 100	
49 105.8	93.8 140.6
51 42.3	29.4 44.0
86 89.9	51.0 76.4#



#31
Cyclohexane
Concen: 1.215 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX030137.D
Acq: 20 Jul 2022 17:10

Tgt Ion: 56	Resp: 3435		
Ion Ratio	Lower	Upper	
56	100		
69	194.1	25.4	38.0#
84	172.5	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.638 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030137.D

Acq: 20 Jul 2022 17:10

Instrument :

MSVOA_X

ClientSampleId :

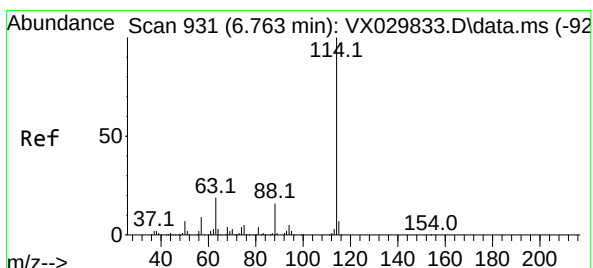
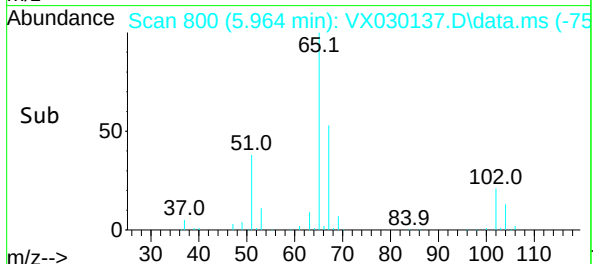
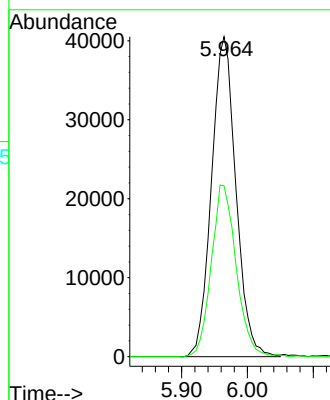
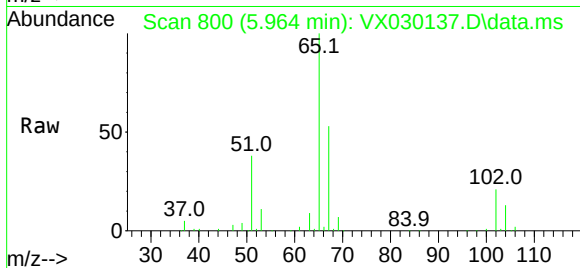
SPC-01DN-84

Tgt Ion: 65 Resp: 104645

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030137.D

Acq: 20 Jul 2022 17:10

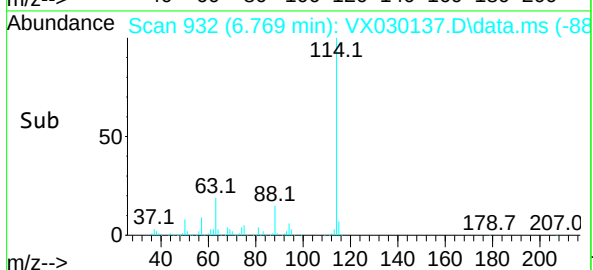
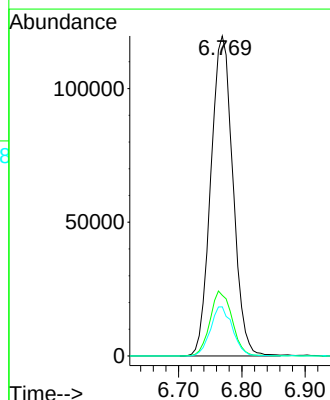
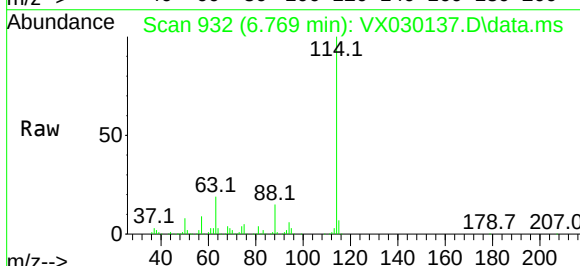
Tgt Ion: 114 Resp: 290053

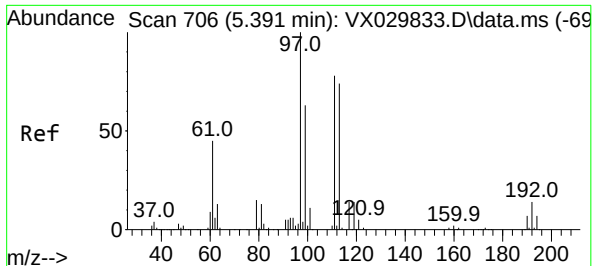
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.326 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030137.D

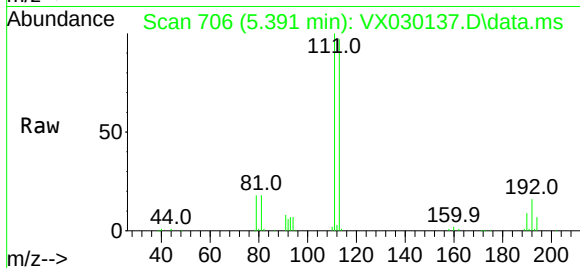
Acq: 20 Jul 2022 17:10

Instrument :

MSVOA_X

ClientSampleId :

SPC-01DN-84



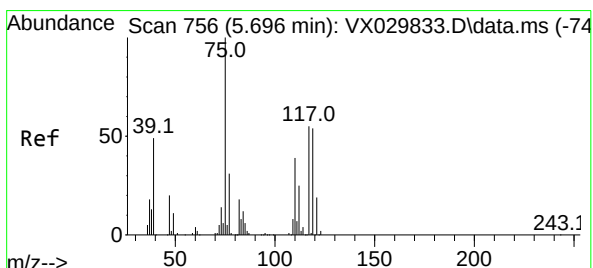
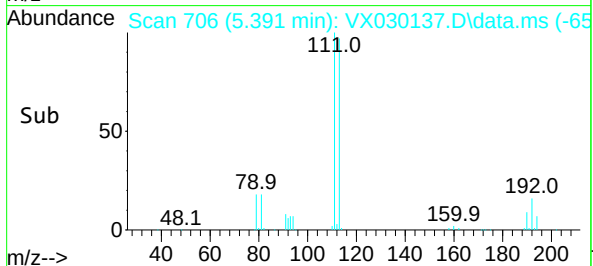
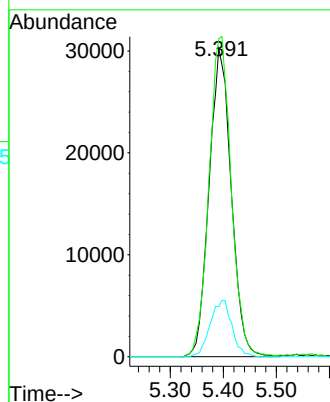
Tgt Ion:113 Resp: 87693

Ion Ratio Lower Upper

113 100

111 104.4 83.2 124.8

192 18.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.782 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030137.D

Acq: 20 Jul 2022 17:10

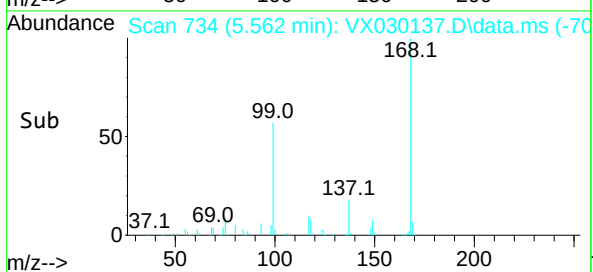
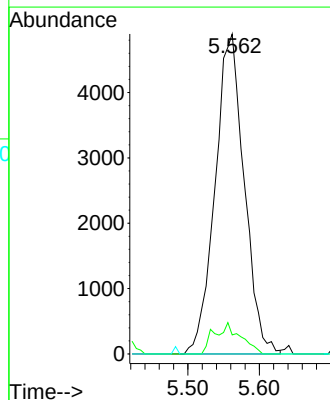
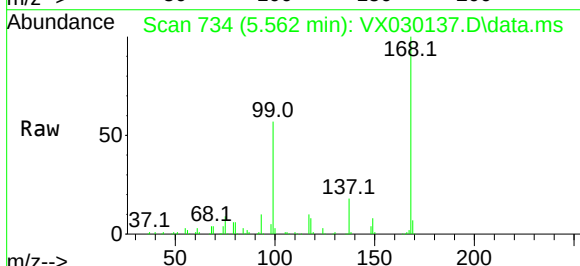
Tgt Ion: 75 Resp: 13839

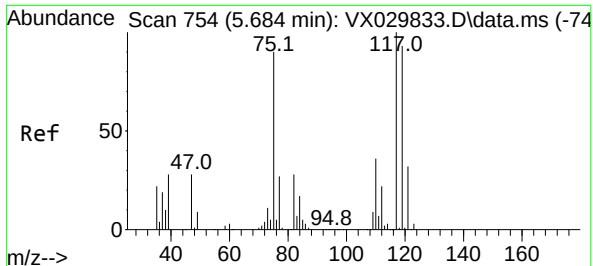
Ion Ratio Lower Upper

75 100

110 8.8 19.3 57.9#

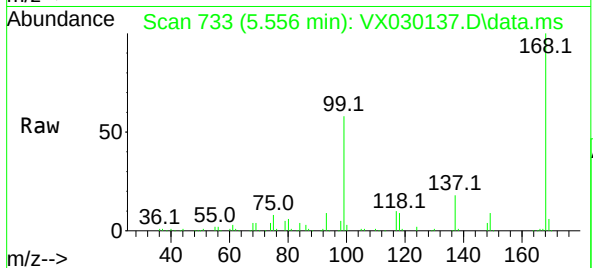
77 0.0 24.4 36.6#



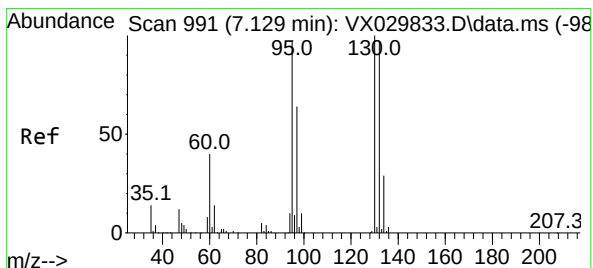
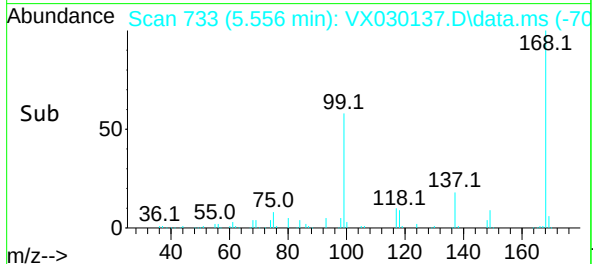
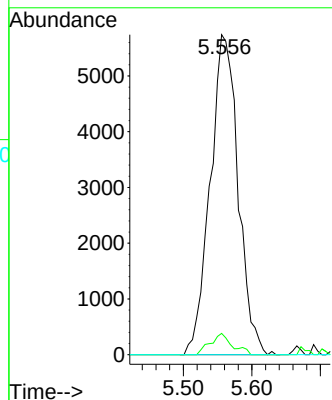


#38
Carbon Tetrachloride
Concen: 7.278 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030137.D
Acq: 20 Jul 2022 17:10

Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84

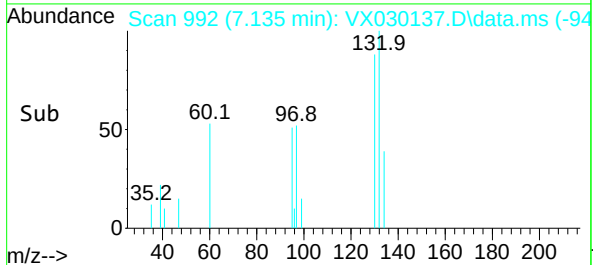
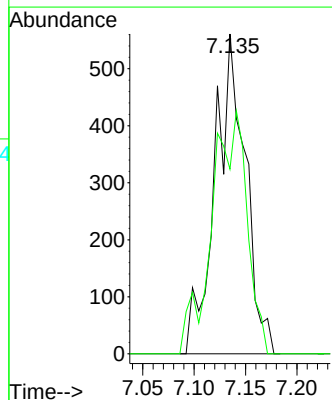
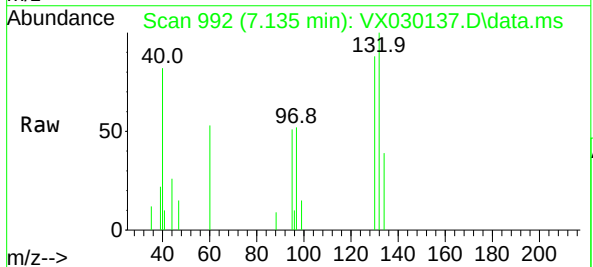


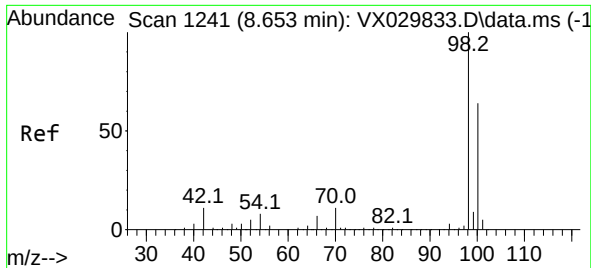
Tgt Ion:117 Resp: 16244
Ion Ratio Lower Upper
117 100
119 6.7 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.527 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030137.D
Acq: 20 Jul 2022 17:10

Tgt Ion:130 Resp: 1160
Ion Ratio Lower Upper
130 100
95 57.8 0.0 194.8

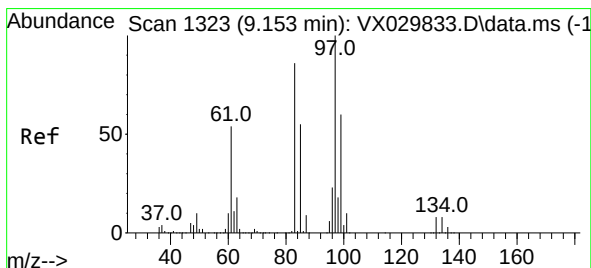
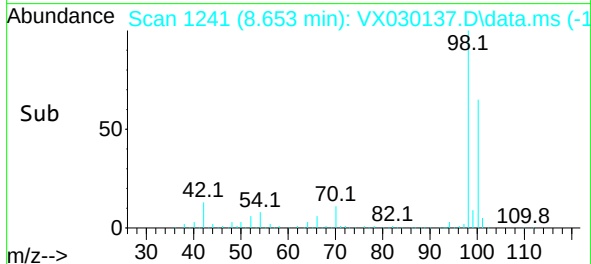
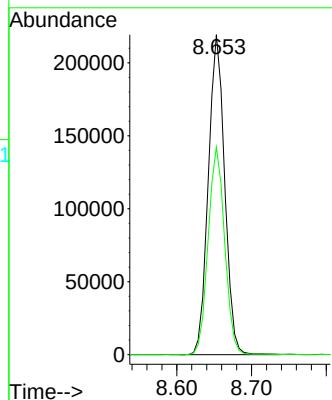
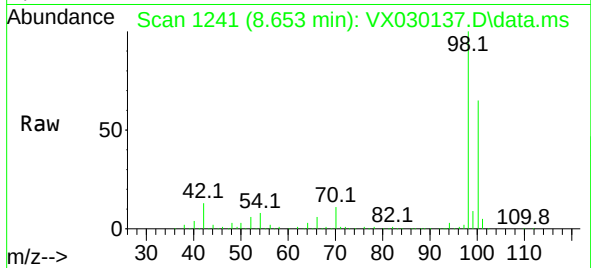




#50
Toluene-d8
Concen: 47.842 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030137.D
Acq: 20 Jul 2022 17:10

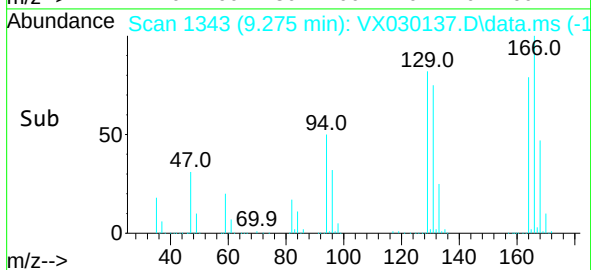
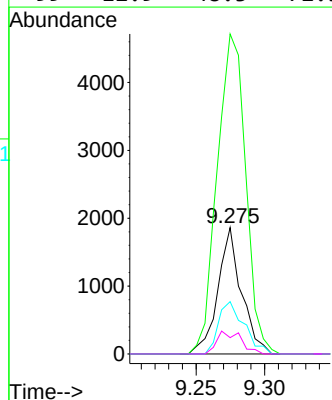
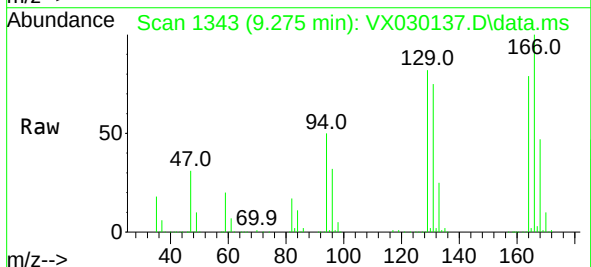
Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84

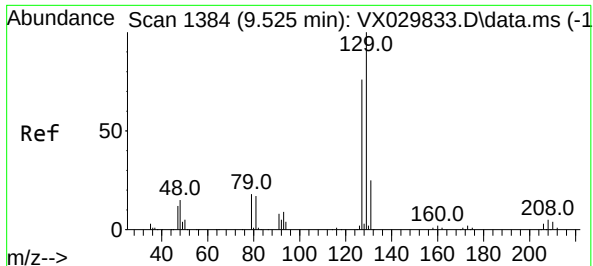
Tgt Ion: 98 Resp: 333405
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#55
1,1,2-Trichloroethane
Concen: 1.131 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.122 min
Lab File: VX030137.D
Acq: 20 Jul 2022 17:10

Tgt Ion: 97 Resp: 2231
Ion Ratio Lower Upper
97 100
83 253.1 68.9 103.3#
85 41.4 44.0 66.0#
99 12.9 48.3 72.5#

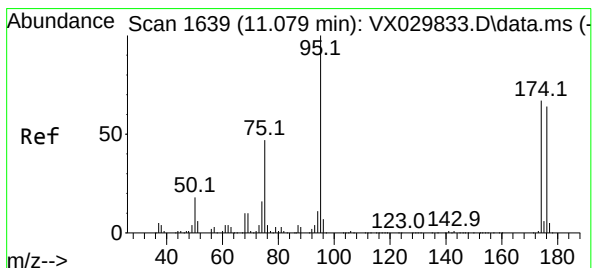
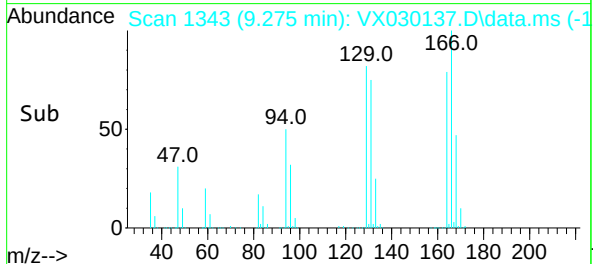
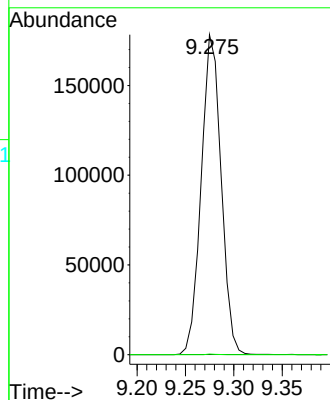
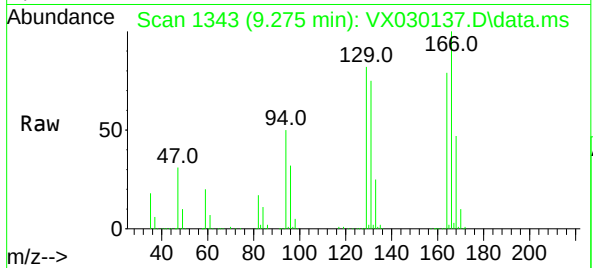




#60
Dibromochloromethane
Concen: 132.954 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030137.D
Acq: 20 Jul 2022 17:10

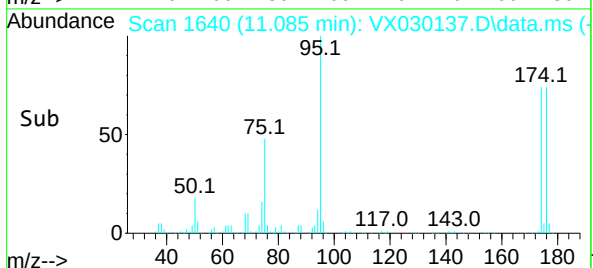
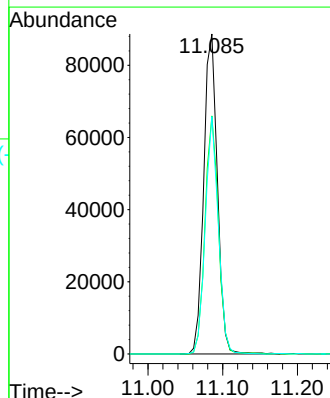
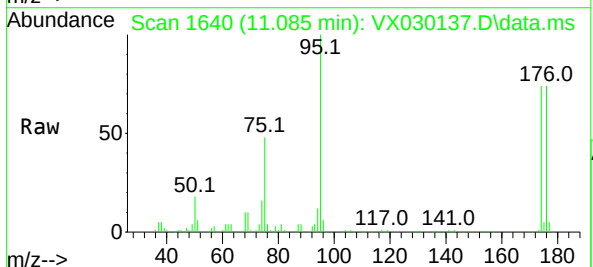
Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84

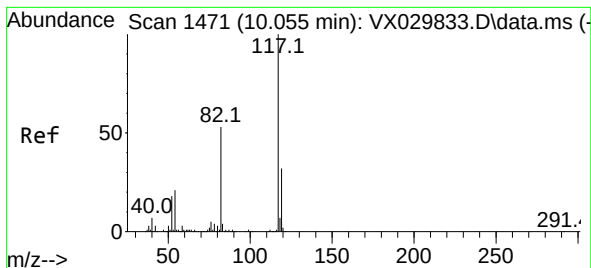
Tgt Ion:129 Resp: 255520
Ion Ratio Lower Upper
129 100
127 0.1 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 46.566 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030137.D
Acq: 20 Jul 2022 17:10

Tgt Ion: 95 Resp: 112615
Ion Ratio Lower Upper
95 100
174 72.5 0.0 149.0
176 70.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030137.D

Acq: 20 Jul 2022 17:10

Instrument :

MSVOA_X

ClientSampleId :

SPC-01DN-84

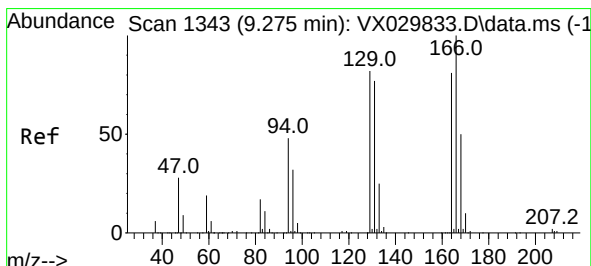
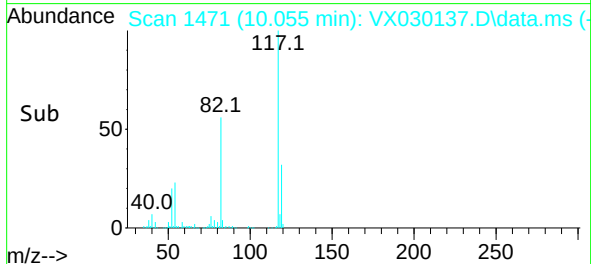
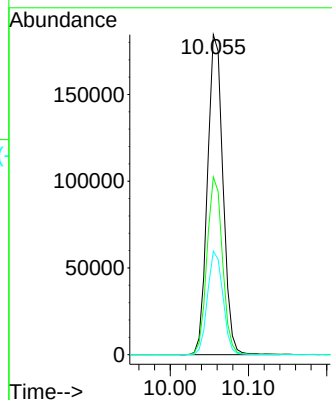
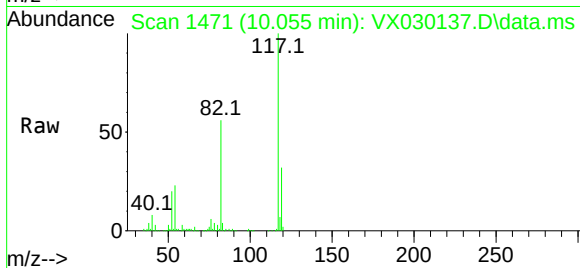
Tgt Ion:117 Resp: 253034

Ion Ratio Lower Upper

117 100

82 55.6 42.7 64.1

119 32.3 25.4 38.2



#64

Tetrachloroethene

Concen: 125.166 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX030137.D

Acq: 20 Jul 2022 17:10

Tgt Ion:164 Resp: 254236

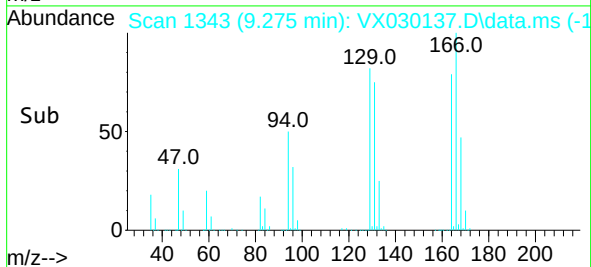
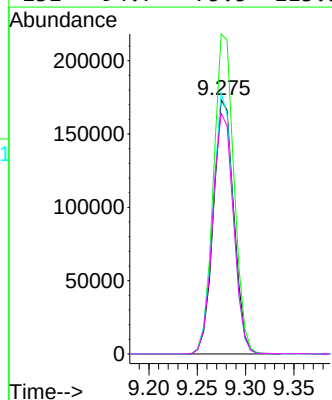
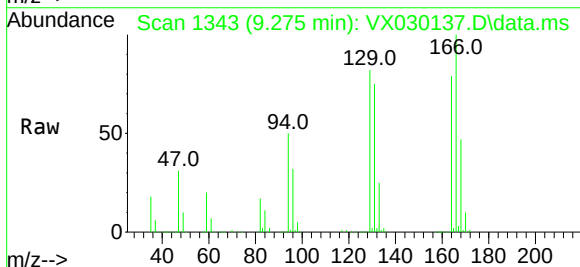
Ion Ratio Lower Upper

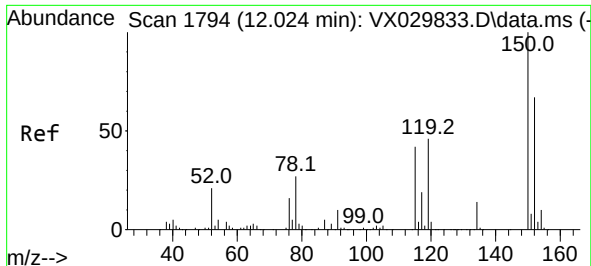
164 100

166 126.0 98.2 147.4

129 102.9 80.8 121.2

131 94.7 75.5 113.3

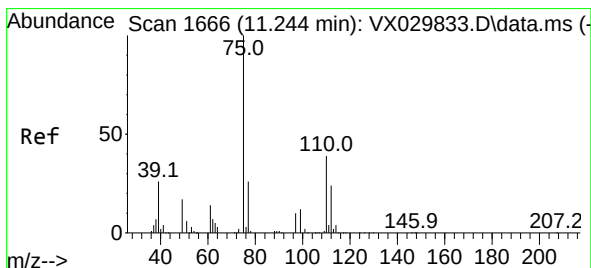
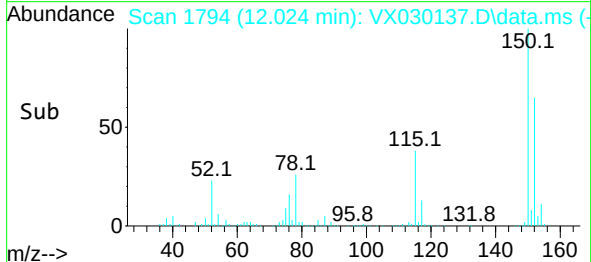
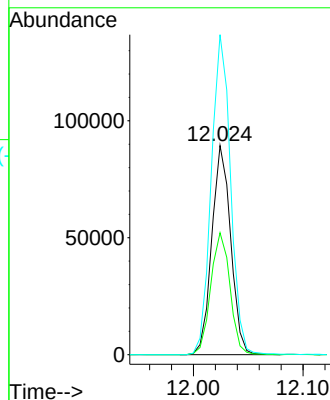
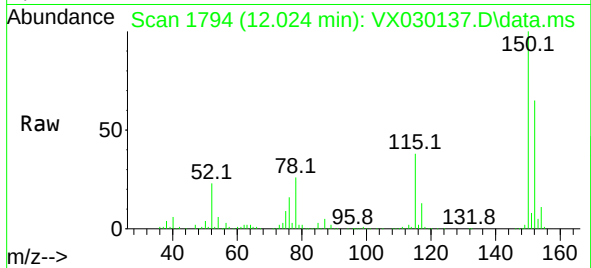




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030137.D
 Acq: 20 Jul 2022 17:10

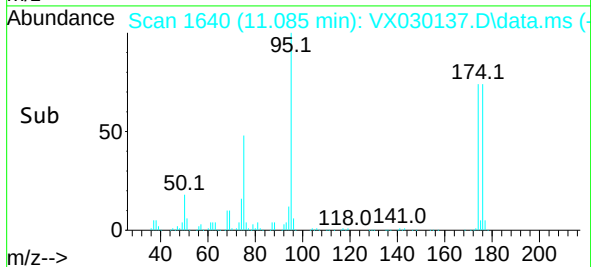
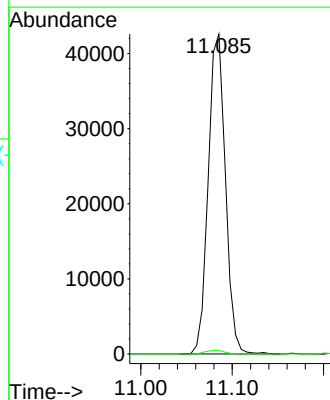
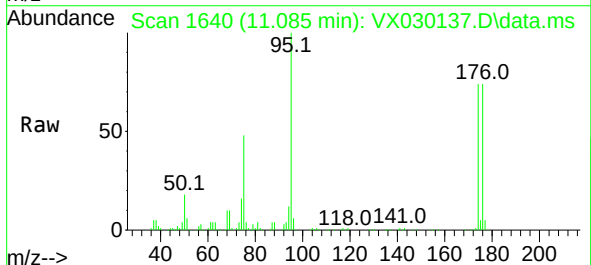
Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-01DN-84

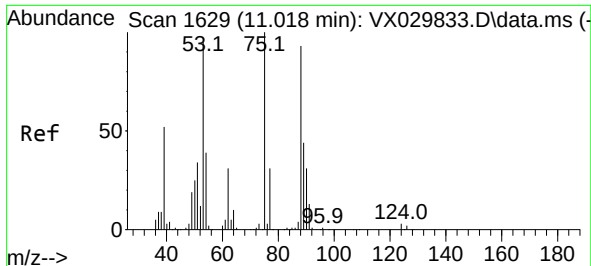
Tgt Ion:152 Resp: 107226
 Ion Ratio Lower Upper
 152 100
 115 59.2 40.5 121.5
 150 156.2 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.533 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030137.D
 Acq: 20 Jul 2022 17:10

Tgt Ion: 75 Resp: 55551
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#

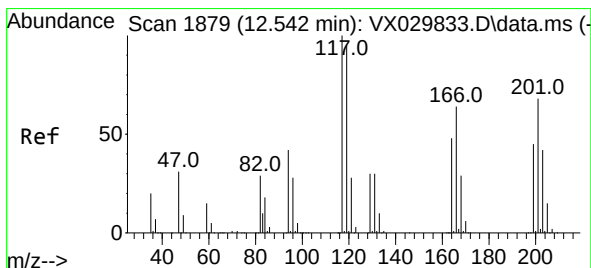
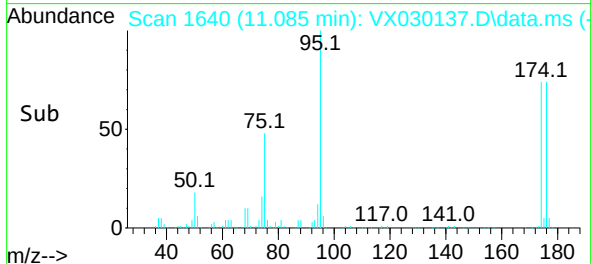
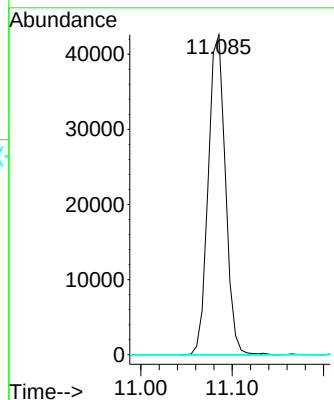
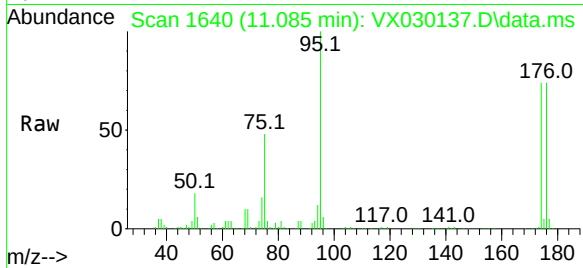




#81
trans-1,4-Dichloro-2-butene
Concen: 65.029 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX030137.D
Acq: 20 Jul 2022 17:10

Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84

Tgt Ion: 75 Resp: 55551
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#90
Hexachloroethane
Concen: 1.328 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX030137.D
Acq: 20 Jul 2022 17:10

Tgt Ion: 117 Resp: 1453
Ion Ratio Lower Upper
117 100
201 60.3 34.2 102.5

