

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072622\
 Data File : VX030216.D
 Acq On : 26 Jul 2022 17:37
 Operator : JC/MD
 Sample : N3876-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-06-84

Quant Time: Jul 26 18:14:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

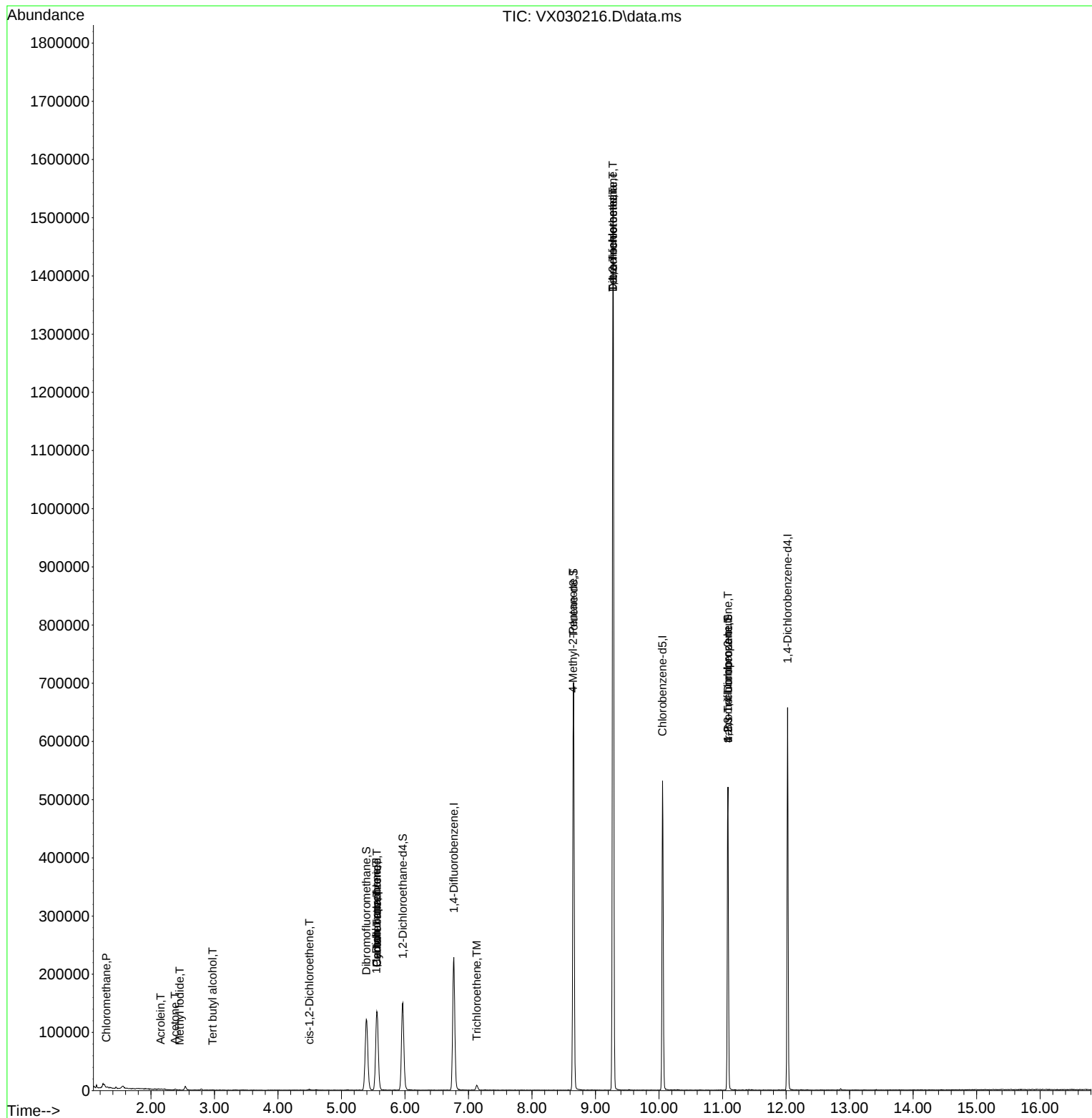
Internal Standards						
1) Pentafluorobenzene	5.556	168	127838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139921	54.455	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.920%			
35) Dibromofluoromethane	5.391	113	111884	50.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.700%			
50) Toluene-d8	8.653	98	410209	48.141	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.280%			
62) 4-Bromofluorobenzene	11.085	95	141664	44.797	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.600%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	450	0.217	ug/l #	42
5) Bromomethane	1.611	94	176	Below Cal	#	62
10) Methyl Iodide	2.453	142	281	1.662	ug/l #	45
11) Tert butyl alcohol	2.971	59	349	0.557	ug/l #	90
13) Acrolein	2.154	56	57	0.370	ug/l #	14
16) Acetone	2.380	43	1598	1.215	ug/l	94
20) Methylene Chloride	2.794	84	947	Below Cal	#	76
27) cis-1,2-Dichloroethene	4.495	96	736	0.284	ug/l	94
31) Cyclohexane	5.556	56	3189	0.855	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10913	3.446	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13575	4.592	ug/l #	17
44) Trichloroethene	7.129	130	3378	1.241	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	2070	0.464	ug/l #	1
55) 1,1,2-Trichloroethane	9.275	97	2333	0.901	ug/l #	1
60) Dibromochloromethane	9.275	129	275108	114.835	ug/l #	11
64) Tetrachloroethene	9.275	164	267780	107.068	ug/l	95
67) Ethyl Benzene	10.195	91	213	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	71632	21.709	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	71632	65.126	ug/l #	13

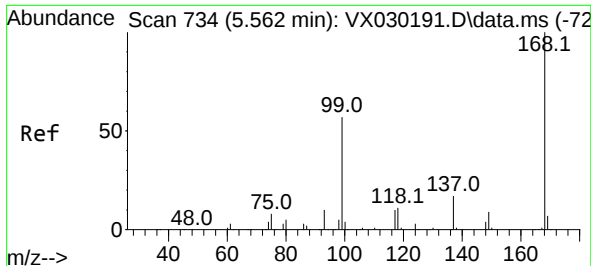
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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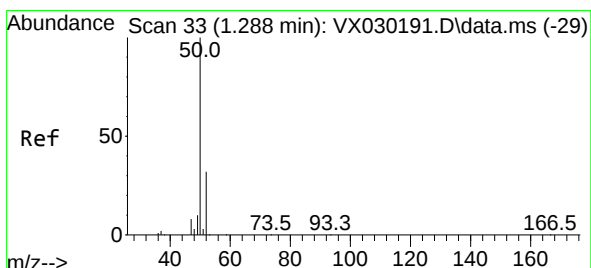
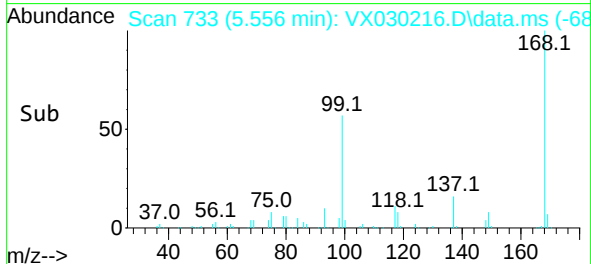
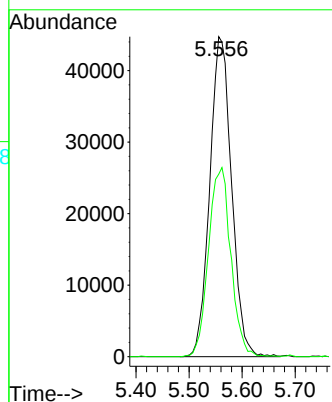
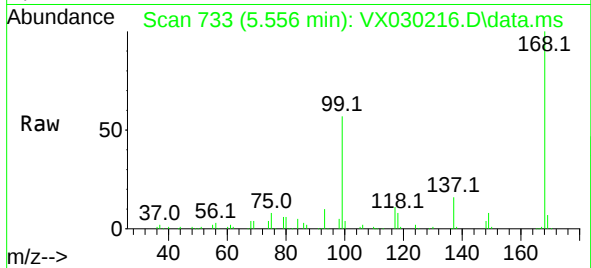




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

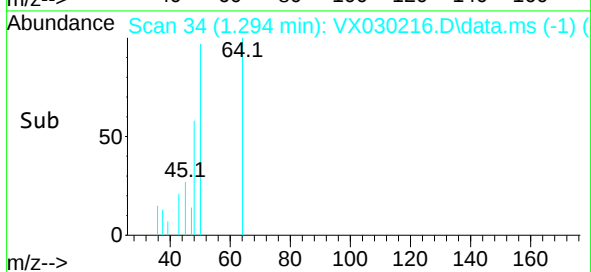
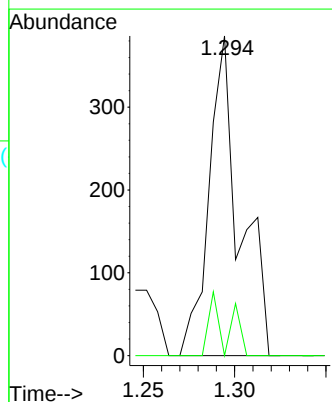
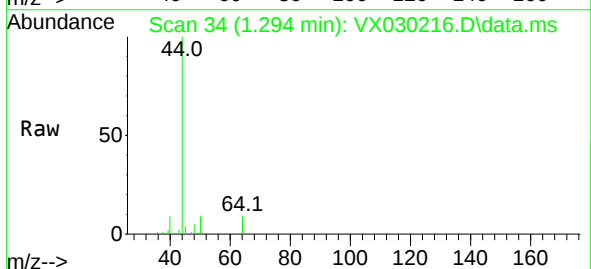
Instrument :
MSVOA_X
ClientSampleId :
SPC-06-84

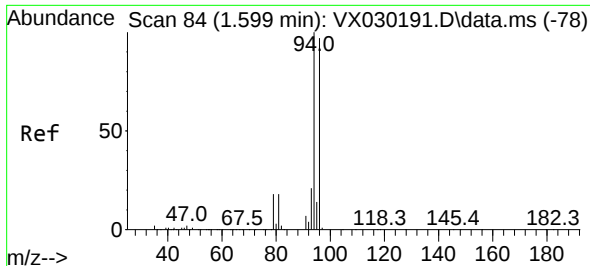
Tgt Ion:168 Resp: 127838
Ion Ratio Lower Upper
168 100
99 57.0 44.0 66.0



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

Tgt Ion: 50 Resp: 450
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5

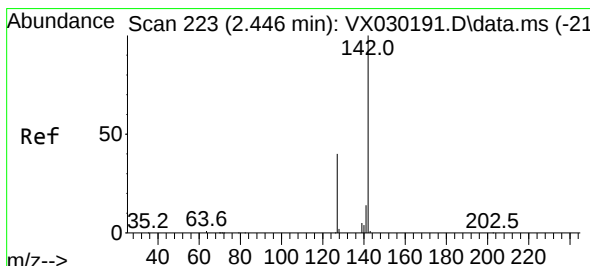
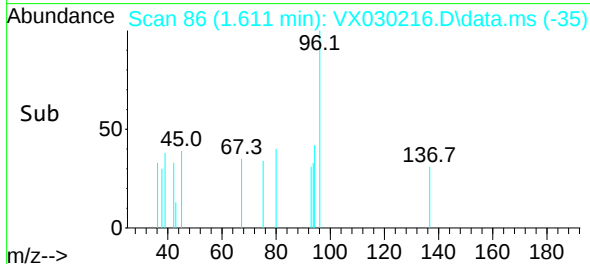
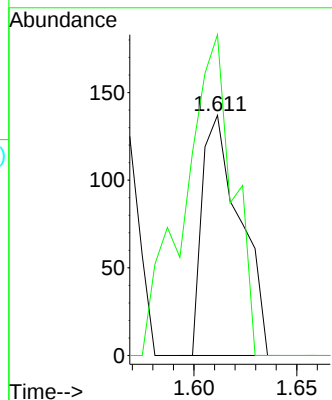
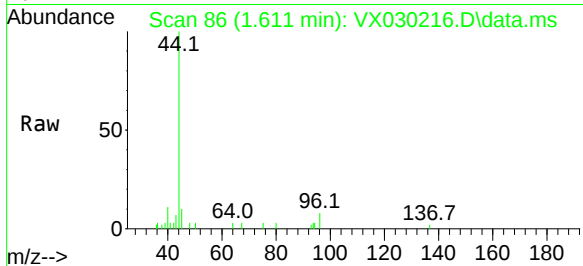




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

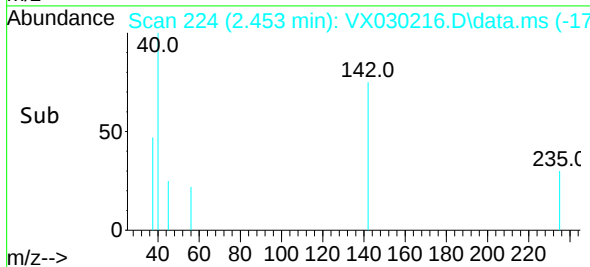
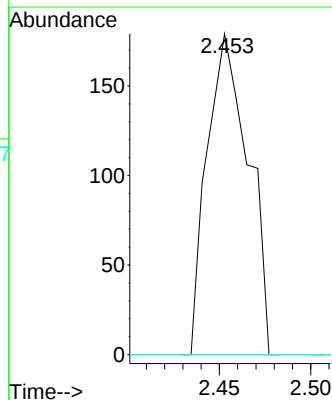
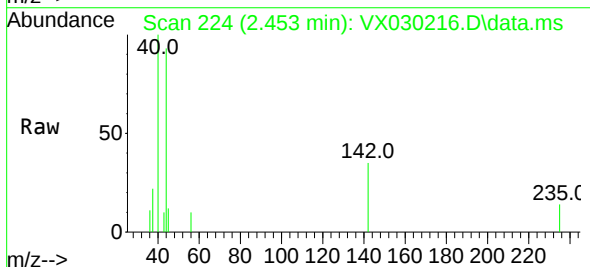
Instrument :
MSVOA_X
ClientSampleId :
SPC-06-84

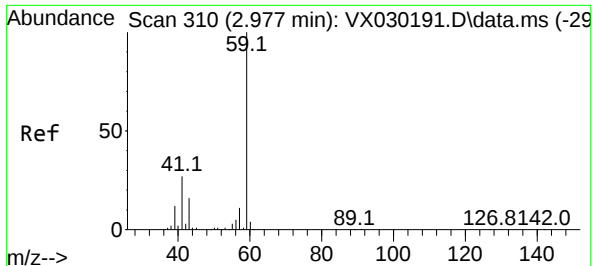
Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 133.6 76.9 115.3#



#10
Methyl Iodide
Concen: 1.662 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.007 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

Tgt Ion: 142 Resp: 281
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 0.557 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX030216.D

Acq: 26 Jul 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

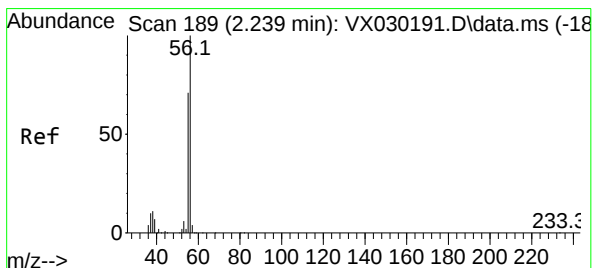
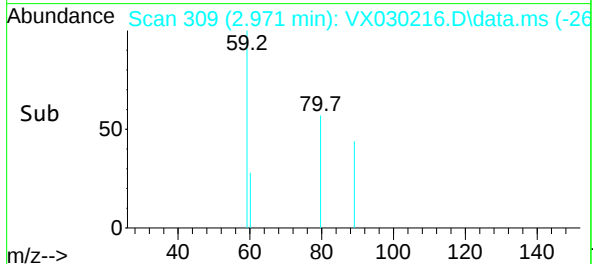
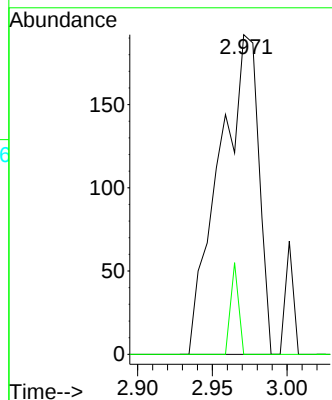
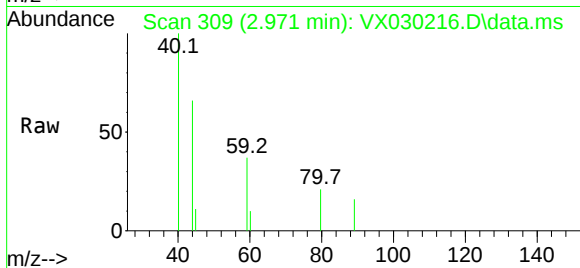
SPC-06-84

Tgt Ion: 59 Resp: 349

Ion Ratio Lower Upper

59 100

57 5.7 7.4 11.2#



#13

Acrolein

Concen: 0.370 ug/l

RT: 2.154 min Scan# 175

Delta R.T. -0.085 min

Lab File: VX030216.D

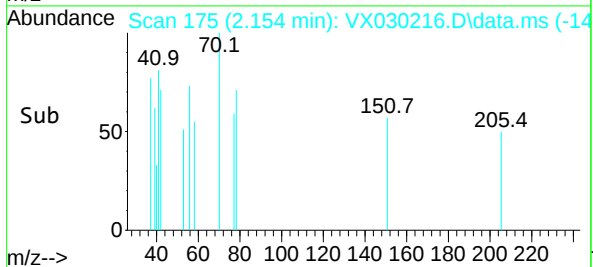
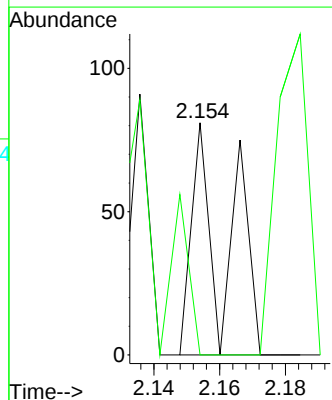
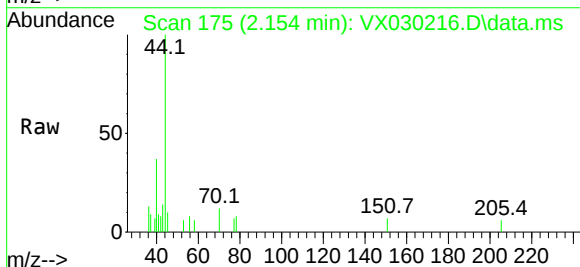
Acq: 26 Jul 2022 17:37

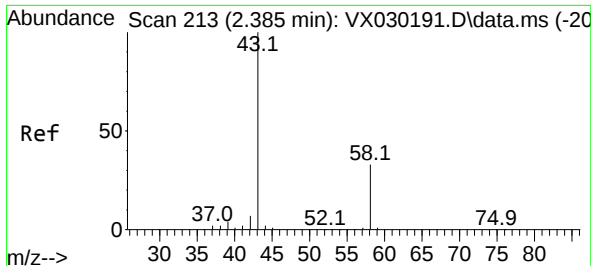
Tgt Ion: 56 Resp: 57

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

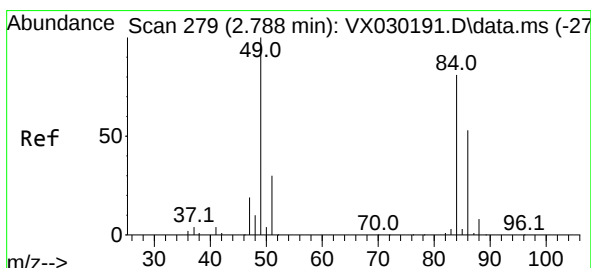
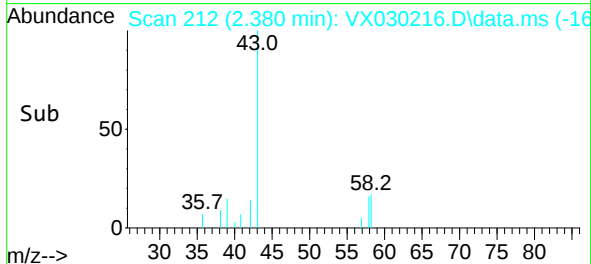
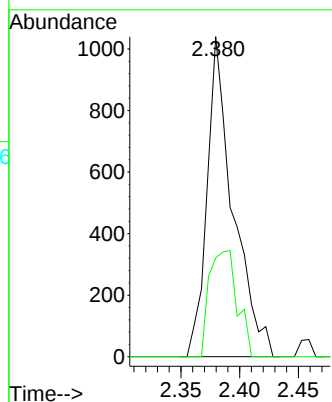
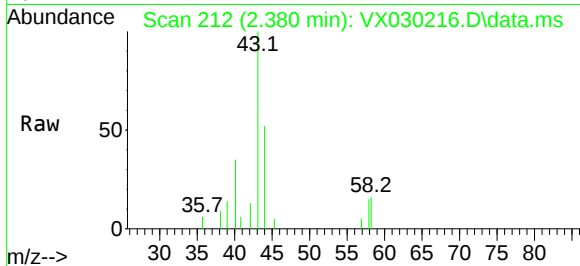




#16
Acetone
Concen: 1.215 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

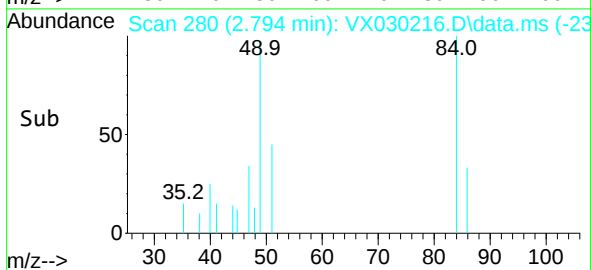
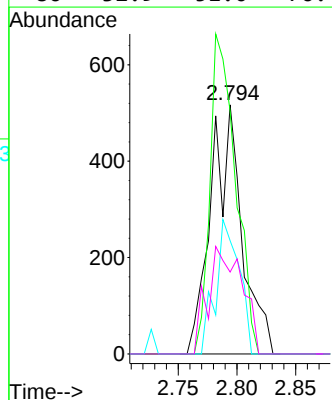
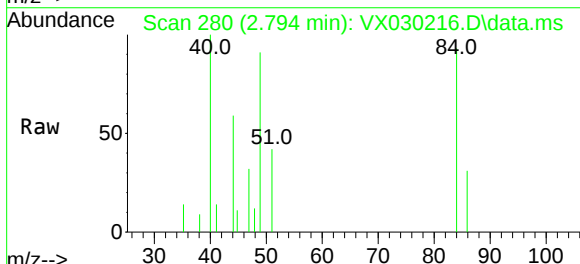
Instrument :
MSVOA_X
ClientSampleId :
SPC-06-84

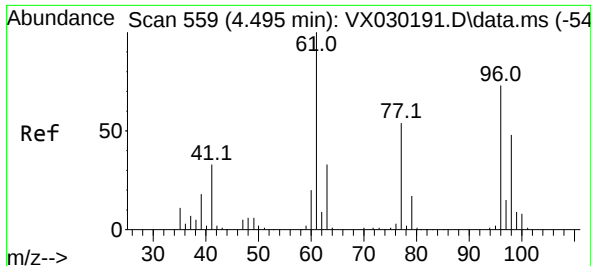
Tgt Ion: 43 Resp: 1598
Ion Ratio Lower Upper
43 100
58 30.9 27.7 41.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

Tgt Ion: 84 Resp: 947
Ion Ratio Lower Upper
84 100
49 97.5 93.8 140.6
51 45.5 29.4 44.0#
86 32.9 51.0 76.4#

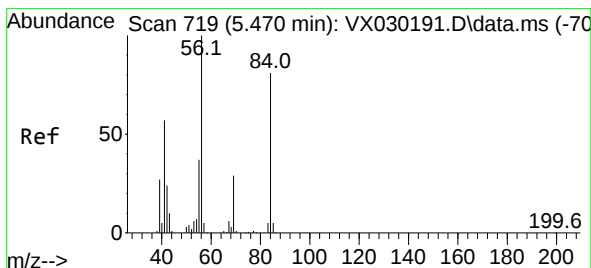
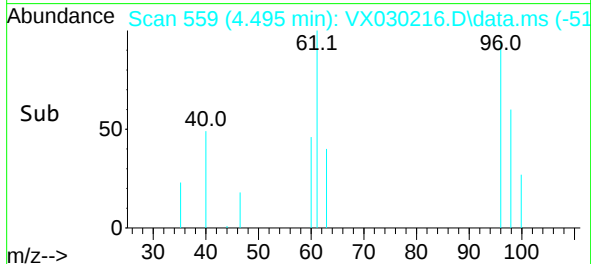
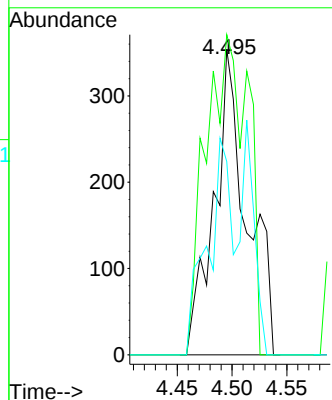
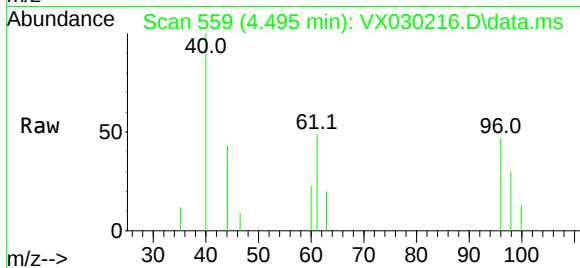




#27
 cis-1,2-Dichloroethene
 Concen: 0.284 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX030216.D
 Acq: 26 Jul 2022 17:37

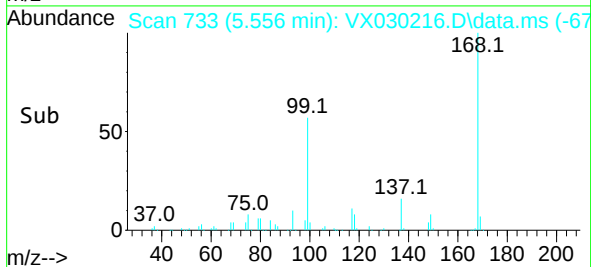
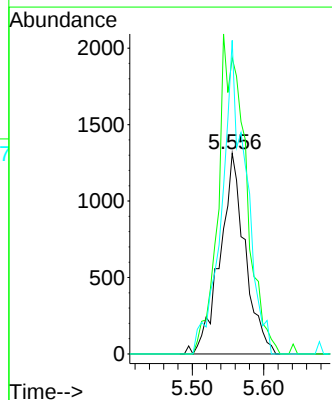
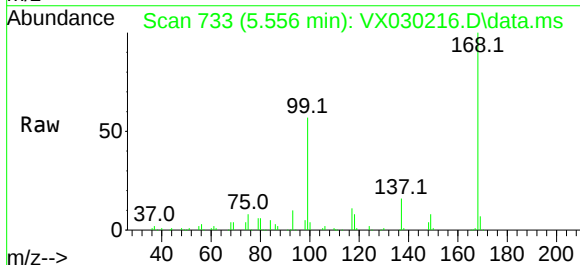
Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-06-84

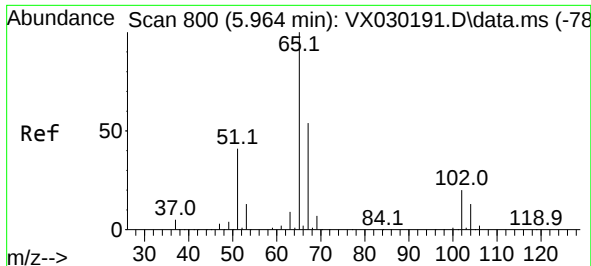
Tgt Ion: 96	Resp:	736
Ion	Ratio	Lower Upper
96	100	
61	135.3	0.0 270.0
98	51.0	0.0 127.8



#31
 Cyclohexane
 Concen: 0.855 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.086 min
 Lab File: VX030216.D
 Acq: 26 Jul 2022 17:37

Tgt Ion: 56	Resp:	3189
Ion	Ratio	Lower Upper
56	100	
69	147.6	25.4 38.0#
84	156.3	68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.455 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030216.D

Acq: 26 Jul 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

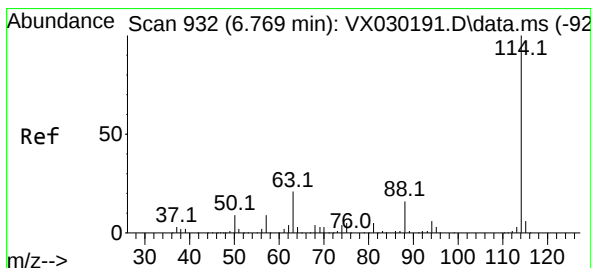
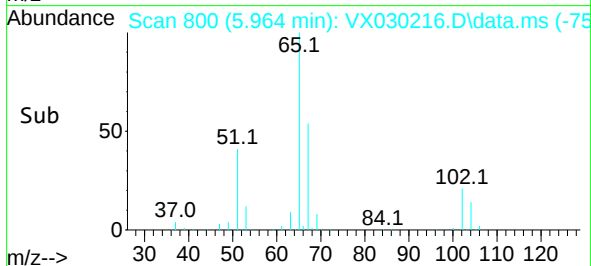
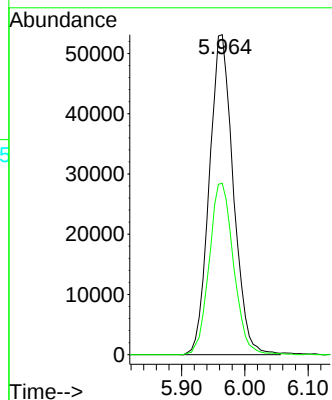
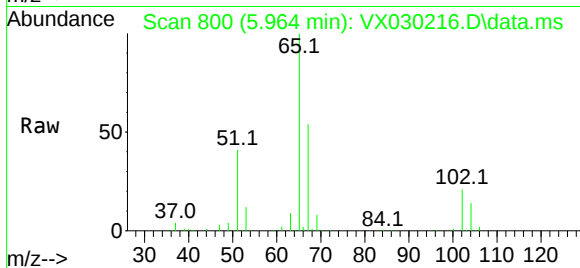
SPC-06-84

Tgt Ion: 65 Resp: 139921

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030216.D

Acq: 26 Jul 2022 17:37

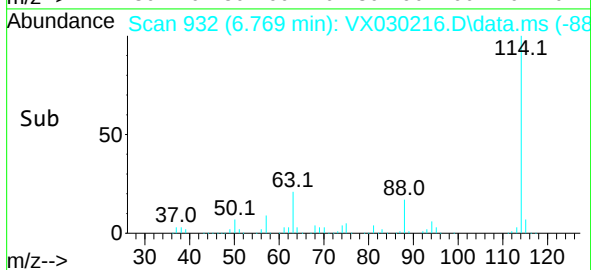
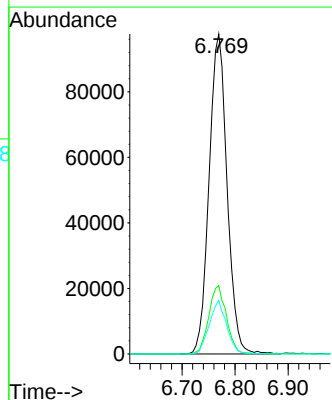
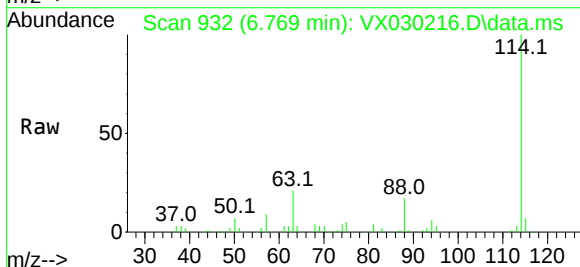
Tgt Ion: 114 Resp: 230167

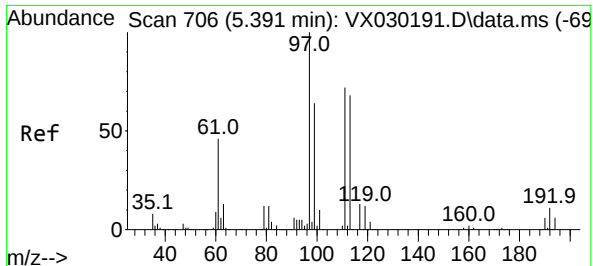
Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.4

88 16.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.850 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030216.D

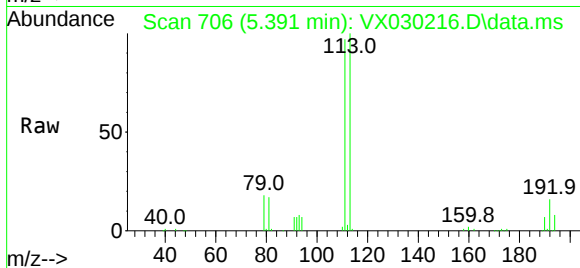
Acq: 26 Jul 2022 17:37

Instrument :

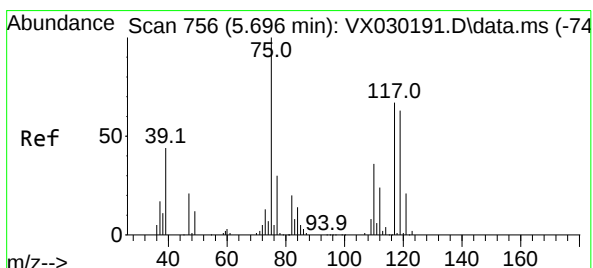
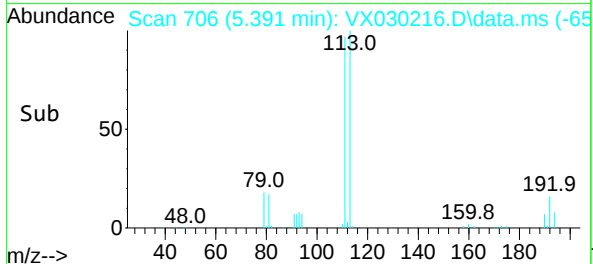
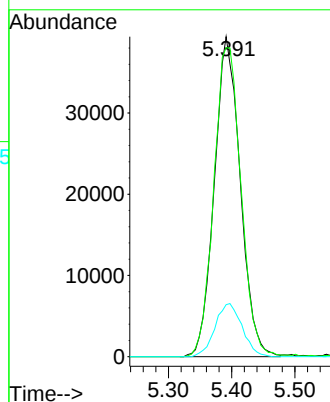
MSVOA_X

ClientSampleId :

SPC-06-84



Tgt Ion:	113	Resp:	111884
Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.2	124.8
192	17.4	14.8	22.2



#36

1,1-Dichloropropene

Concen: 3.446 ug/l

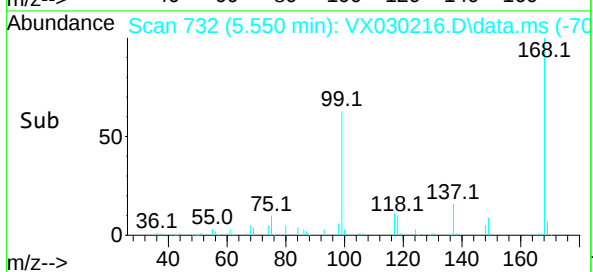
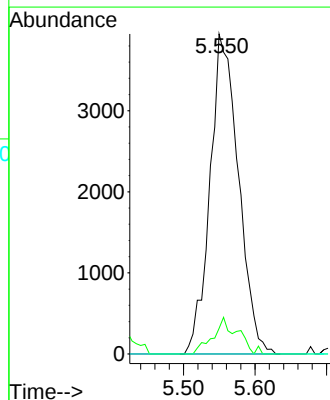
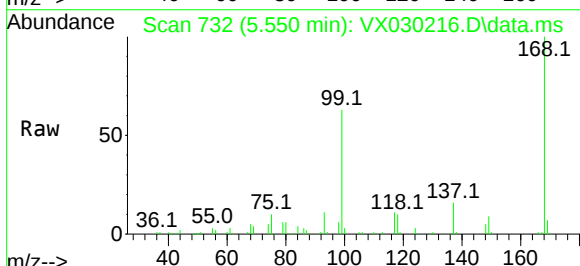
RT: 5.550 min Scan# 732

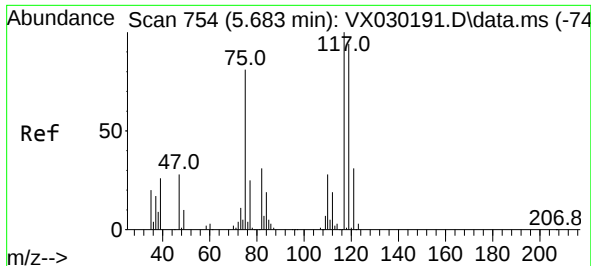
Delta R.T. -0.146 min

Lab File: VX030216.D

Acq: 26 Jul 2022 17:37

Tgt Ion:	75	Resp:	10913
Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.3	57.9#
77	0.0	24.4	36.6#

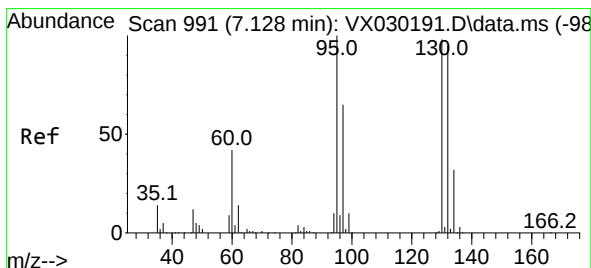
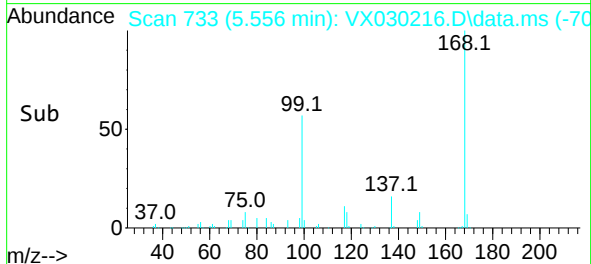
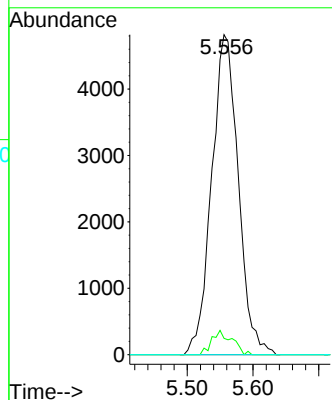
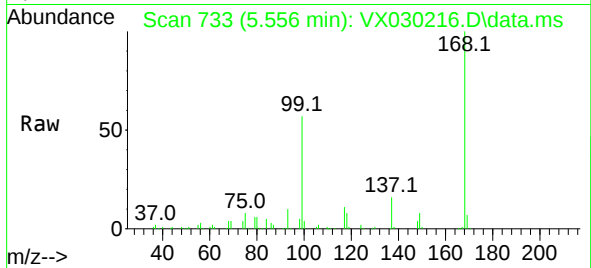




#38
Carbon Tetrachloride
Concen: 4.592 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.127 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

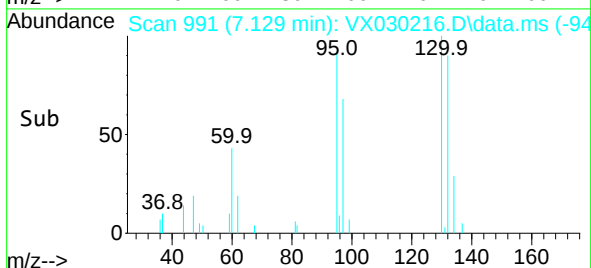
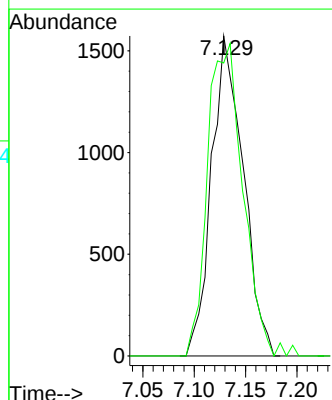
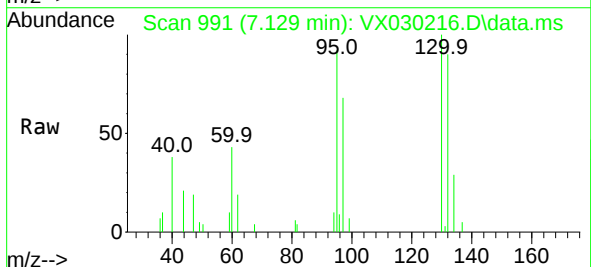
Instrument :
MSVOA_X
ClientSampleId :
SPC-06-84

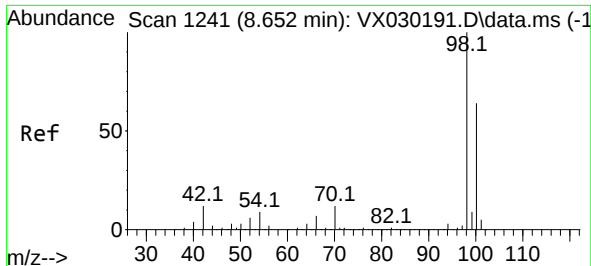
Tgt Ion:117 Resp: 13575
Ion Ratio Lower Upper
117 100
119 5.1 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 1.241 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

Tgt Ion:130 Resp: 3378
Ion Ratio Lower Upper
130 100
95 91.5 0.0 194.8

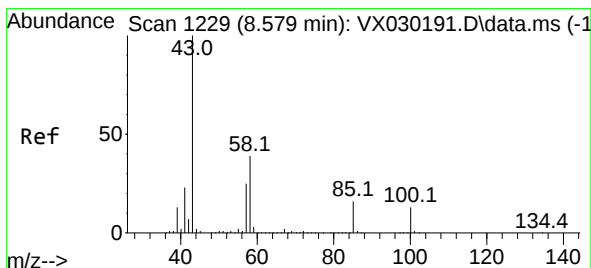
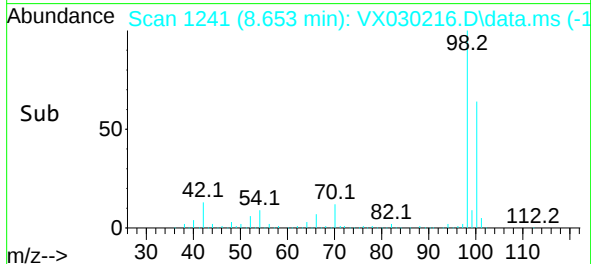
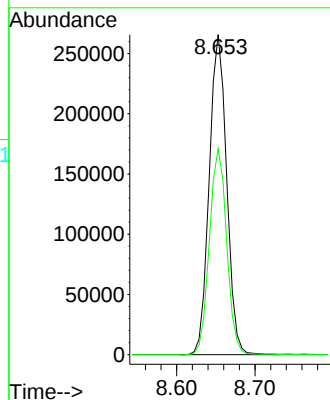
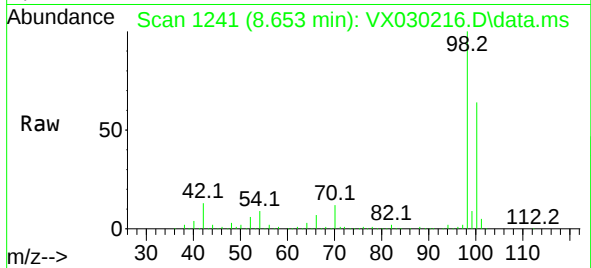




#50
Toluene-d8
Concen: 48.141 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

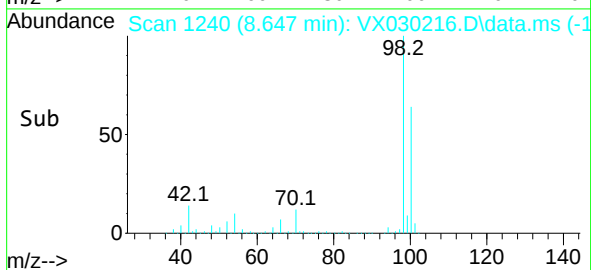
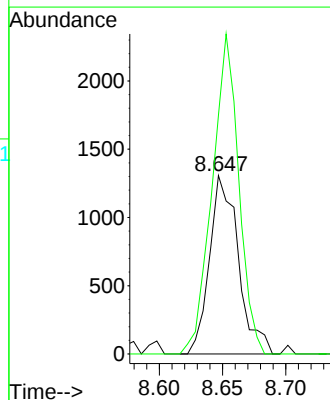
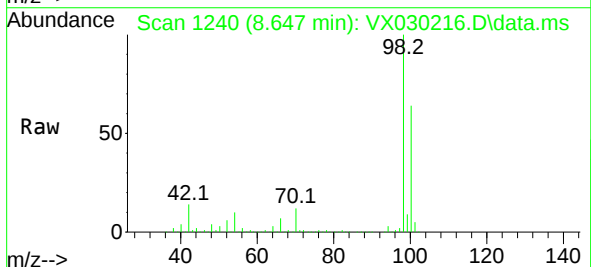
Instrument :
MSVOA_X
ClientSampleId :
SPC-06-84

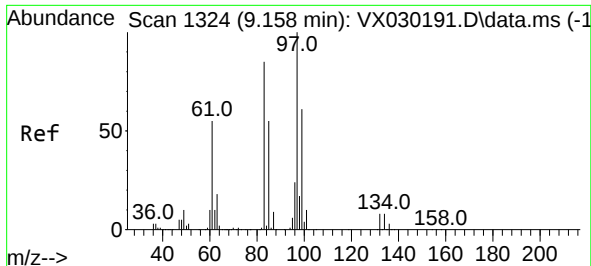
Tgt Ion: 98 Resp: 410209
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.464 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.068 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

Tgt Ion: 43 Resp: 2070
Ion Ratio Lower Upper
43 100
58 165.3 31.4 47.2#

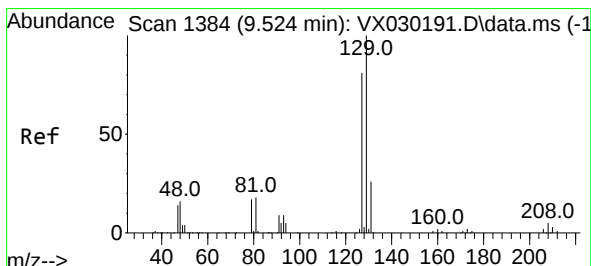
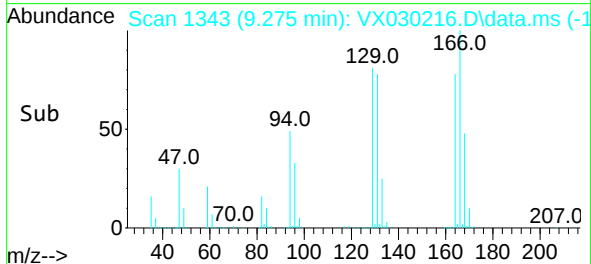
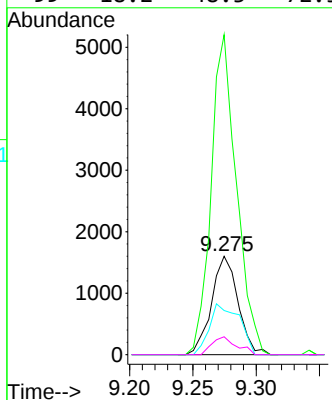
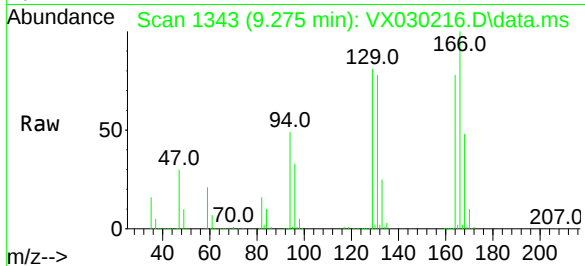




#55
1,1,2-Trichloroethane
Concen: 0.901 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.117 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

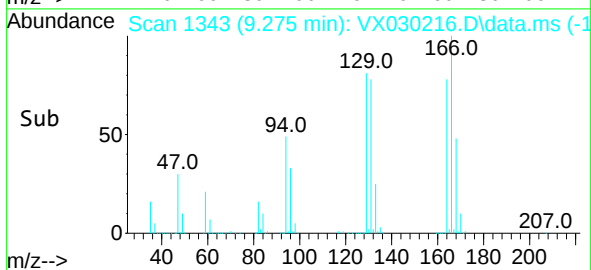
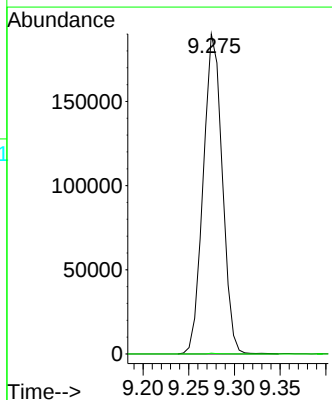
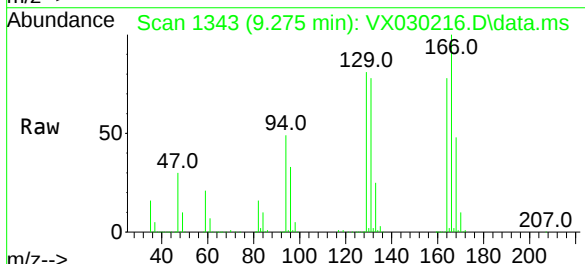
Instrument :
MSVOA_X
ClientSampleId :
SPC-06-84

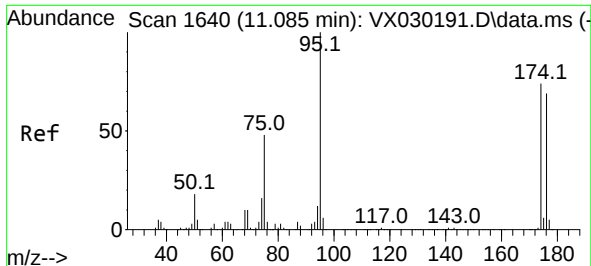
Tgt Ion: 97	Resp: 2333
Ion Ratio	Lower Upper
97 100	
83 324.9	68.9 103.3#
85 44.9	44.0 66.0
99 18.2	48.3 72.5#



#60
Dibromochloromethane
Concen: 114.835 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

Tgt Ion:129	Resp: 275108		
Ion Ratio	Lower	Upper	
129 100			
127 0.1	38.5	115.5#	

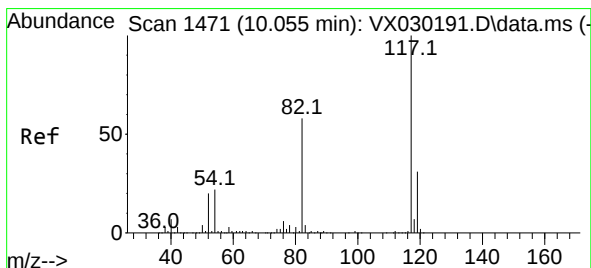
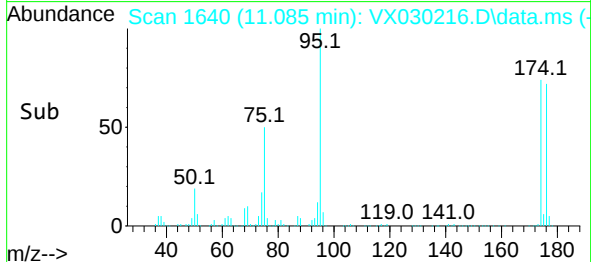
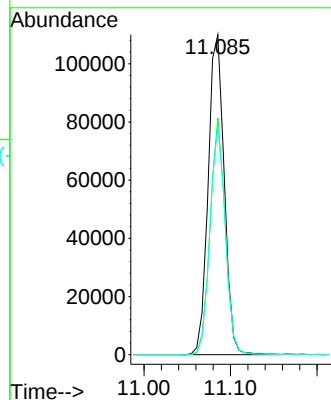
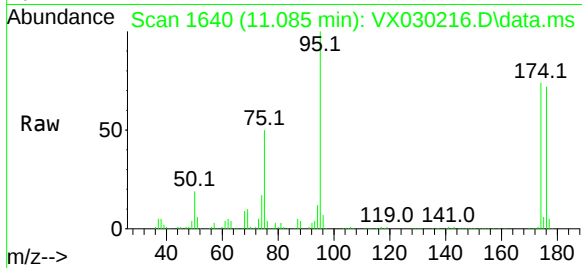




#62
4-Bromofluorobenzene
Concen: 44.797 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

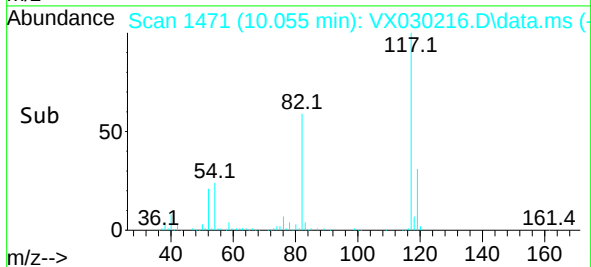
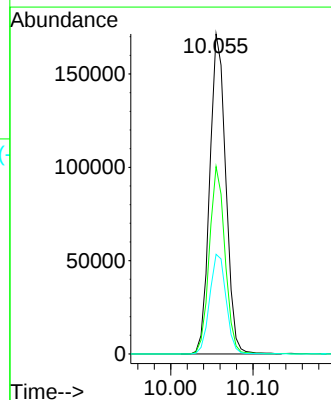
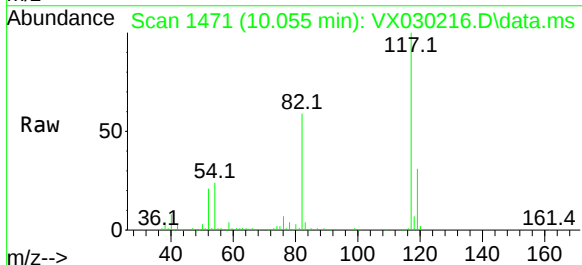
Instrument :
MSVOA_X
ClientSampleId :
SPC-06-84

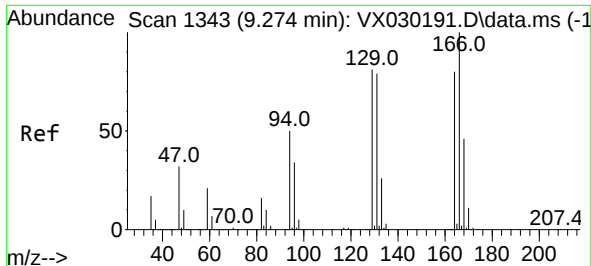
Tgt Ion: 95 Resp: 141664
Ion Ratio Lower Upper
95 100
174 69.6 0.0 149.0
176 68.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

Tgt Ion: 117 Resp: 232314
Ion Ratio Lower Upper
117 100
82 58.6 42.7 64.1
119 31.1 25.4 38.2

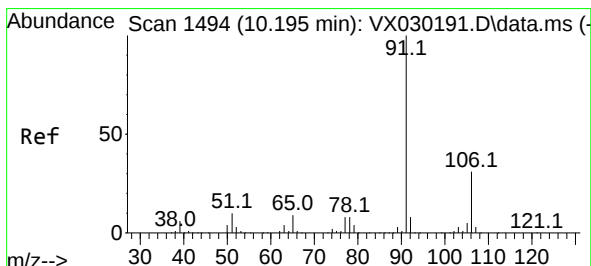
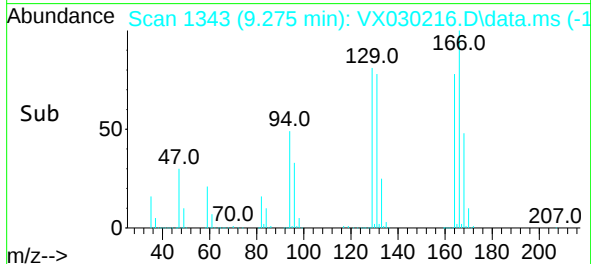
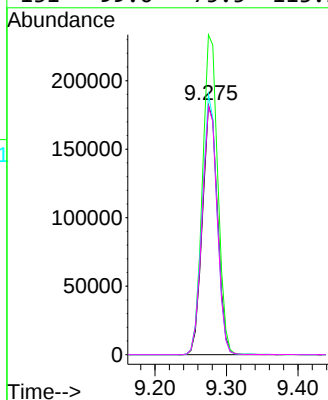
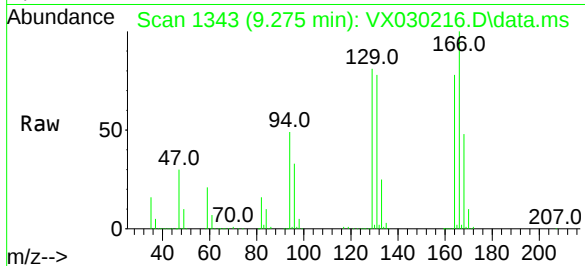




#64
Tetrachloroethene
Concen: 107.068 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

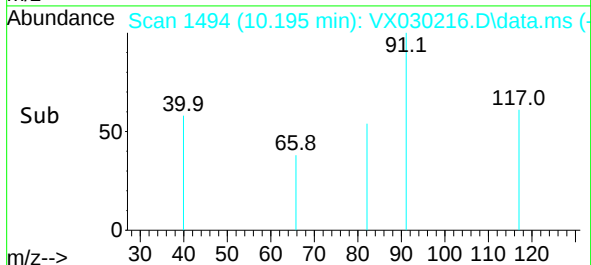
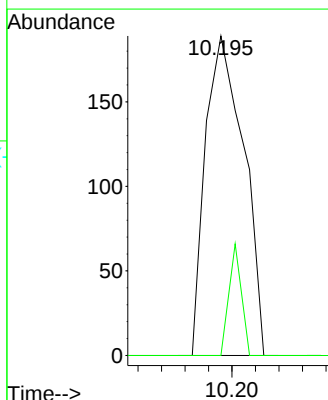
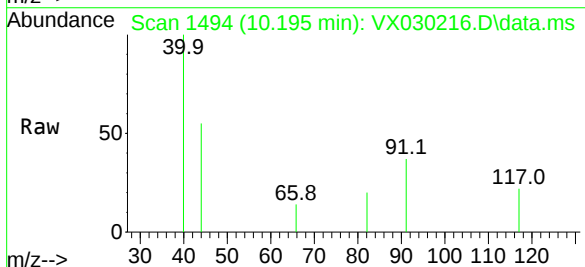
Instrument :
MSVOA_X
ClientSampleId :
SPC-06-84

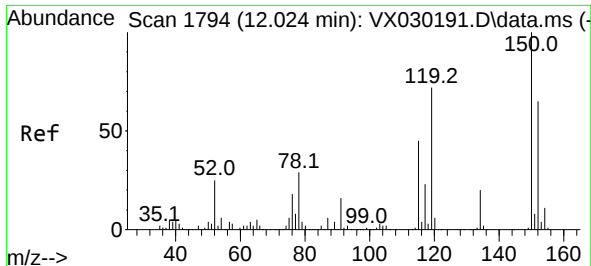
Tgt Ion:164 Resp: 267780
Ion Ratio Lower Upper
164 100
166 128.3 98.2 147.4
129 104.4 80.8 121.2
131 99.6 75.5 113.3



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

Tgt Ion: 91 Resp: 213
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#

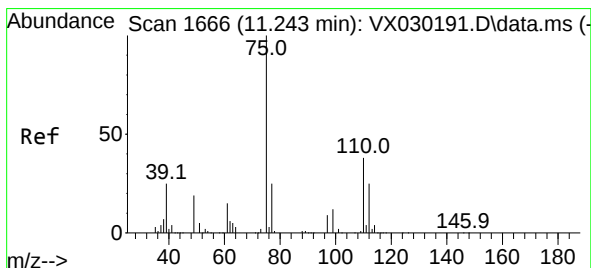
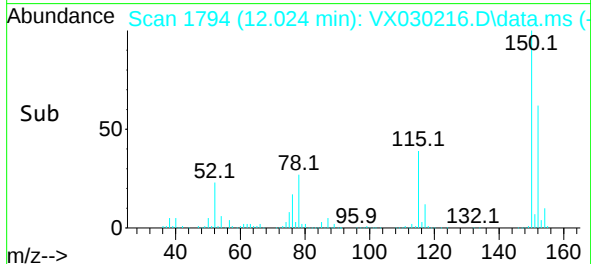
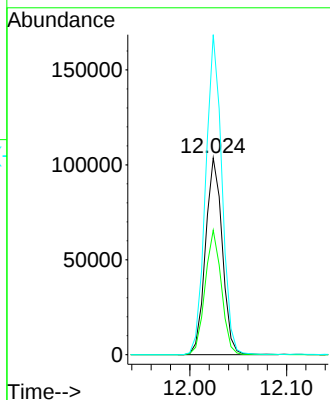
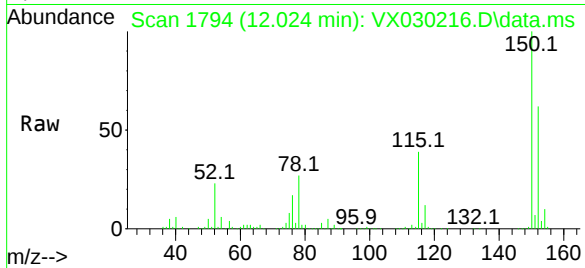




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

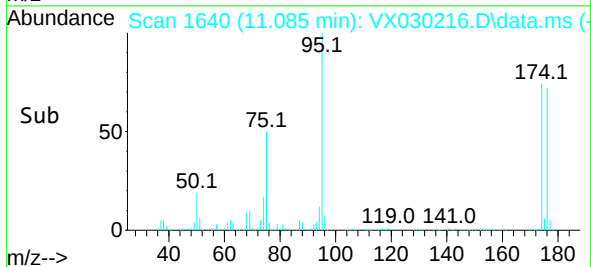
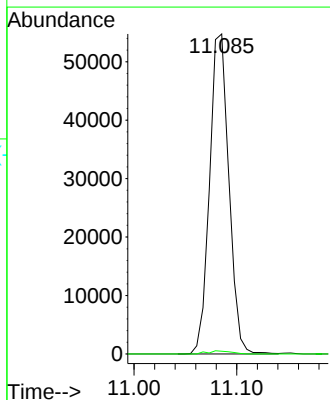
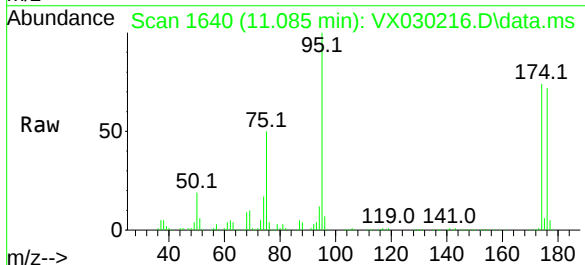
Instrument :
MSVOA_X
ClientSampleId :
SPC-06-84

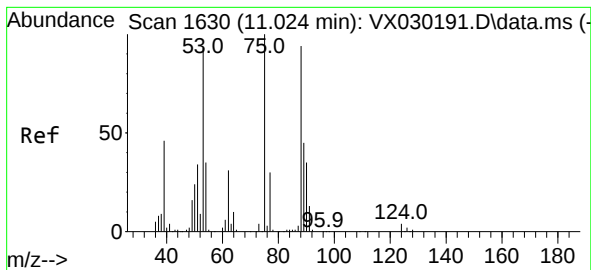
Tgt Ion:152 Resp: 125178
Ion Ratio Lower Upper
152 100
115 61.3 40.5 121.5
150 158.0 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 21.709 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030216.D
Acq: 26 Jul 2022 17:37

Tgt Ion: 75 Resp: 71632
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.126 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030216.D
 Acq: 26 Jul 2022 17:37

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-06-84

Tgt Ion: 75 Resp: 71632
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

