

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030146.D
 Acq On : 20 Jul 2022 20:43
 Operator : JC/MD
 Sample : N3767-03 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TANK-N

Quant Time: Jul 21 03:34:05 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)

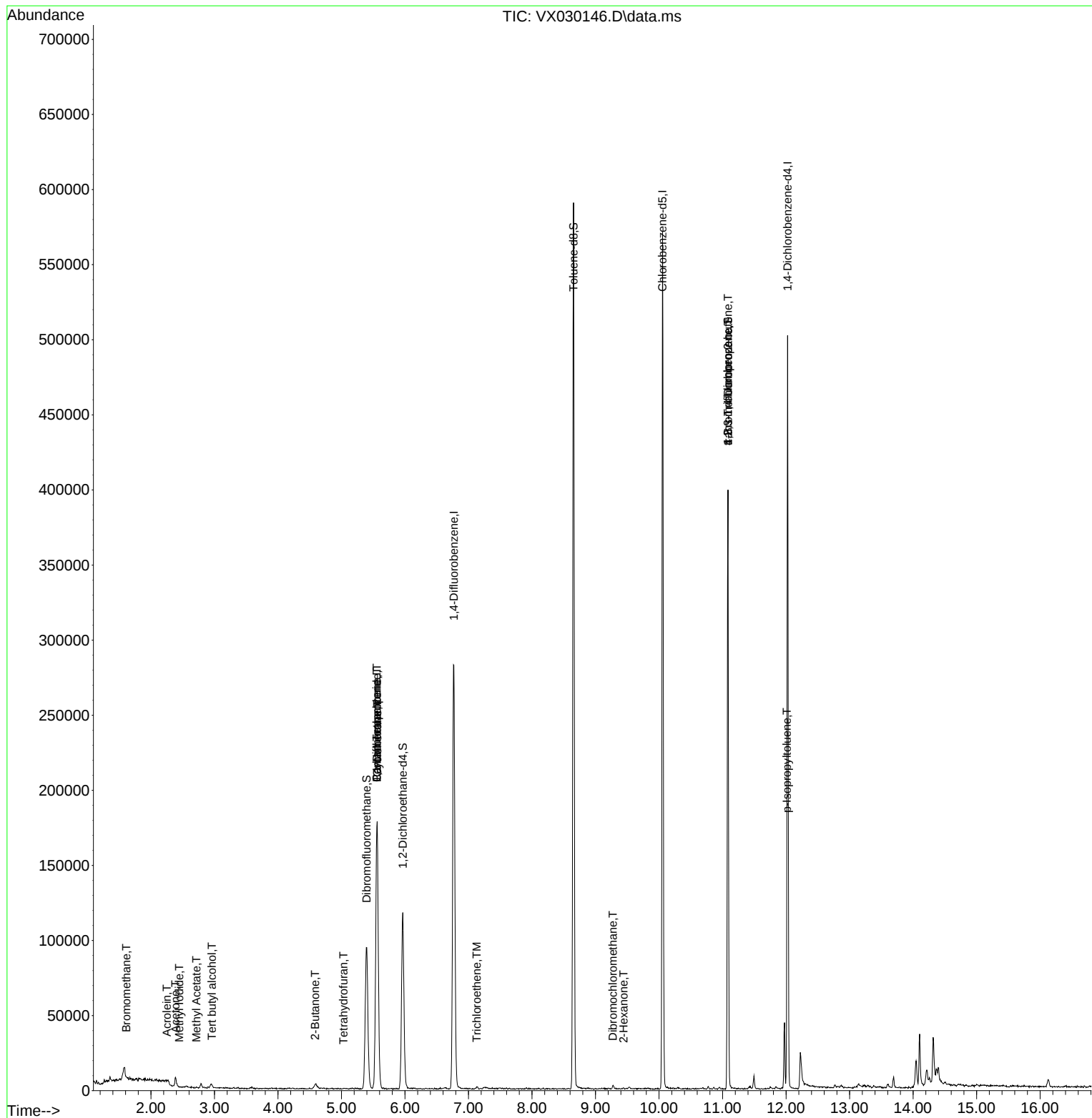
Internal Standards						
1) Pentafluorobenzene	5.556	168	168071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	297663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107076	52.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.680%			
35) Dibromofluoromethane	5.397	113	84686	44.535	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.060%			
50) Toluene-d8	8.653	98	345641	48.329	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.660%			
62) 4-Bromofluorobenzene	11.085	95	107304	43.235	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	126	Below Cal	#	42
5) Bromomethane	1.611	94	217	0.263	ug/l #	62
10) Methyl Iodide	2.447	142	103	2.466	ug/l #	79
11) Tert butyl alcohol	2.959	59	1423	2.695	ug/l #	74
13) Acrolein	2.252	56	412	3.918	ug/l #	14
16) Acetone	2.386	43	7707	7.995	ug/l	94
17) Carbon Disulfide	2.520	76	437	Below Cal	#	74
18) Methyl Acetate	2.715	43	623	0.212	ug/l #	51
20) Methylene Chloride	2.788	84	1249	Below Cal	#	87
25) 2-Butanone	4.587	43	1180	0.719	ug/l #	69
29) Tetrahydrofuran	5.032	42	344	0.309	ug/l #	50
31) Cyclohexane	5.562	56	3959	1.335	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13387	5.450	ug/l #	48
38) Carbon Tetrachloride	5.556	117	17327	7.565	ug/l #	16
44) Trichloroethene	7.129	130	500	0.221	ug/l	76
59) 2-Hexanone	9.439	43	533	0.221	ug/l	75
60) Dibromochloromethane	9.275	129	483	0.245	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	52613	23.154	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	52613	66.823	ug/l #	12
86) p-Isopropyltoluene	12.012	119	3366	0.571	ug/l	88

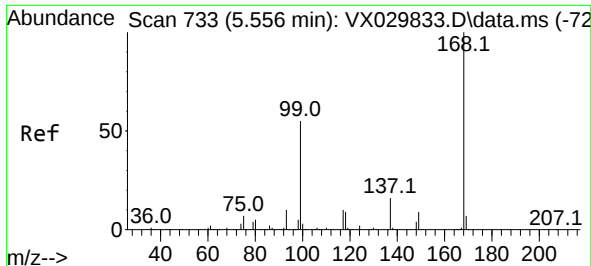
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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TANK-N

Quant Time: Jul 21 03:34:05 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

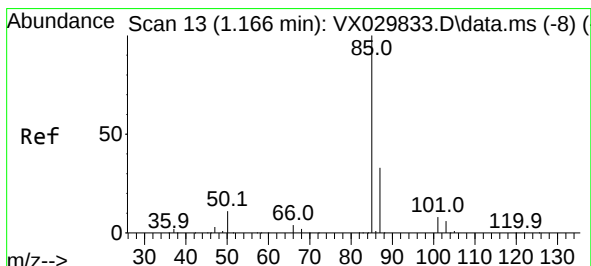
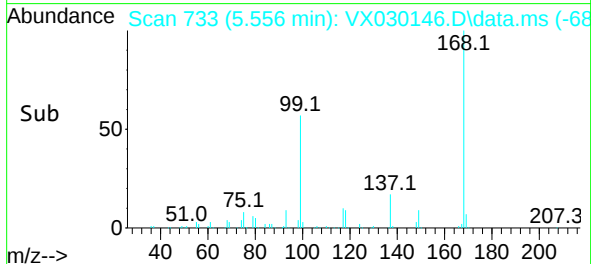
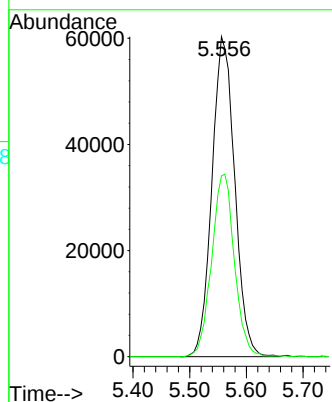
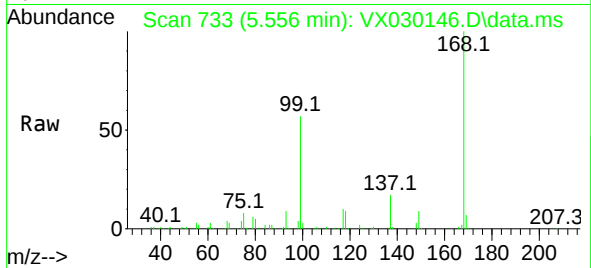




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

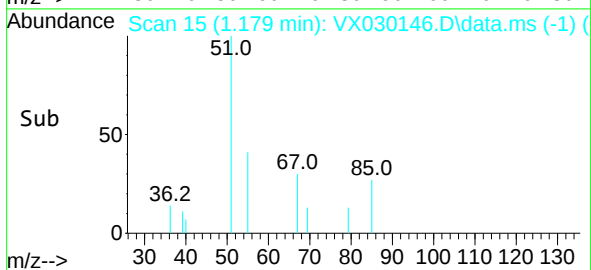
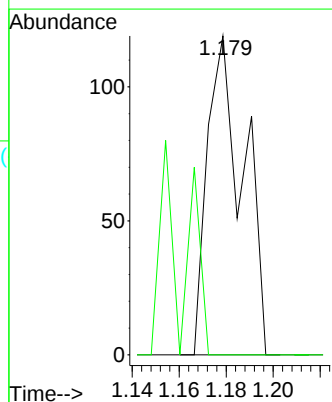
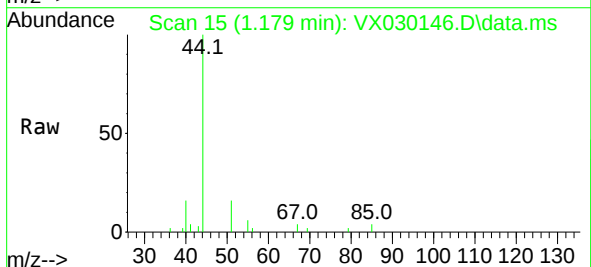
Instrument :
MSVOA_X
ClientSampleId :
TANK-N

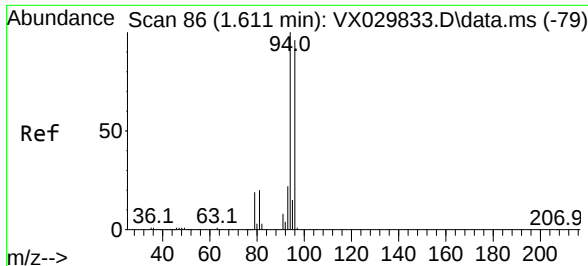
Tgt Ion:168 Resp: 168071
Ion Ratio Lower Upper
168 100
99 56.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.179 min Scan# 15
Delta R.T. 0.013 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

Tgt Ion: 85 Resp: 126
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

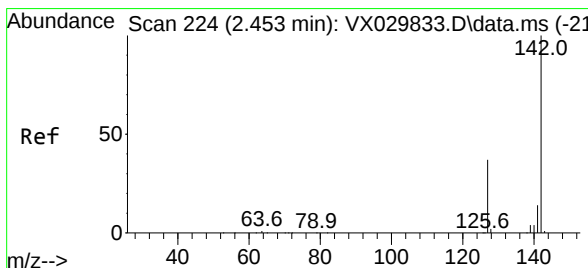
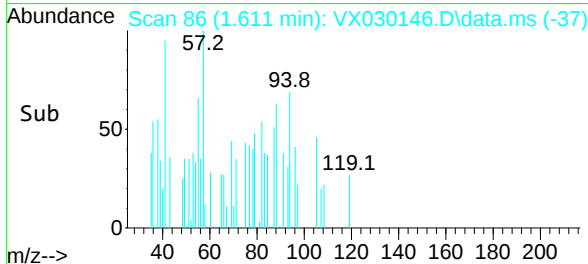
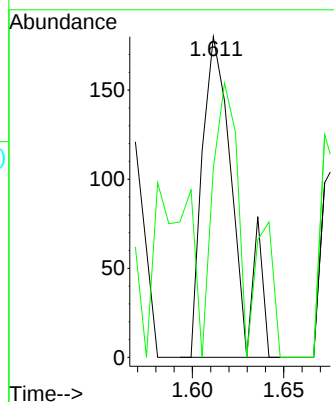
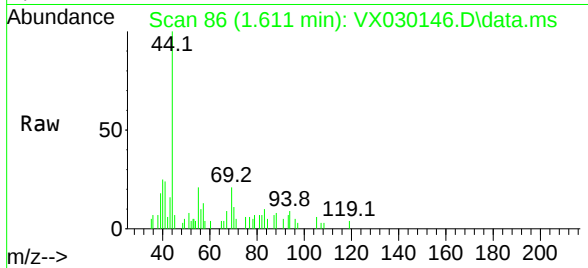




#5
 Bromomethane
 Concen: 0.263 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030146.D
 Acq: 20 Jul 2022 20:43

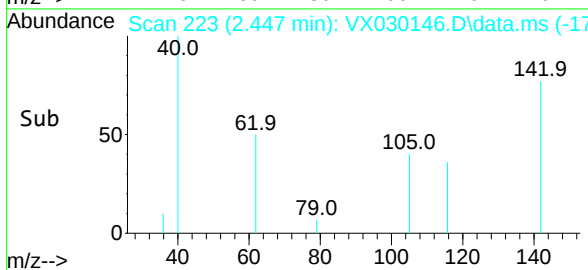
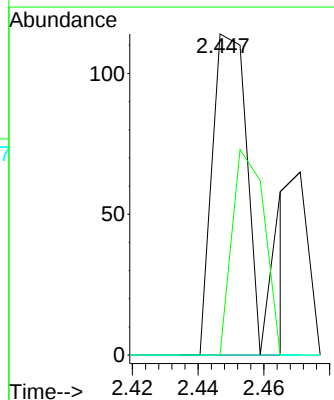
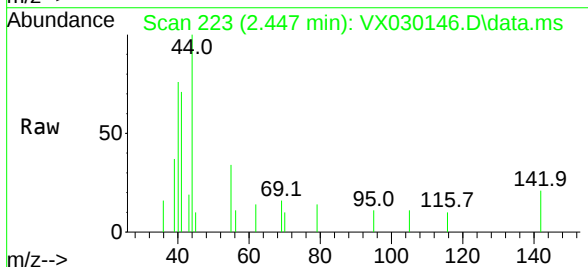
Instrument :
 MSVOA_X
 ClientSampleId :
 TANK-N

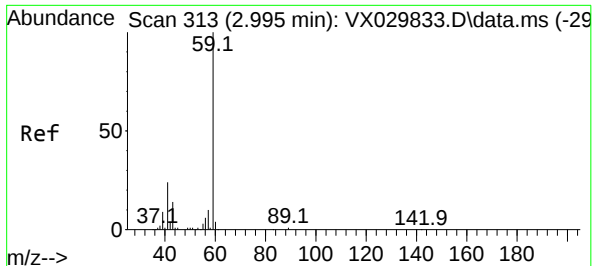
Tgt Ion: 94 Resp: 217
 Ion Ratio Lower Upper
 94 100
 96 58.9 76.9 115.3#



#10
 Methyl Iodide
 Concen: 2.466 ug/l
 RT: 2.447 min Scan# 223
 Delta R.T. -0.006 min
 Lab File: VX030146.D
 Acq: 20 Jul 2022 20:43

Tgt Ion: 142 Resp: 103
 Ion Ratio Lower Upper
 142 100
 127 47.6 30.2 45.2#
 141 0.0 11.3 16.9#

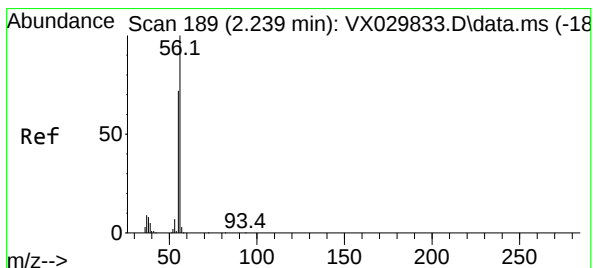
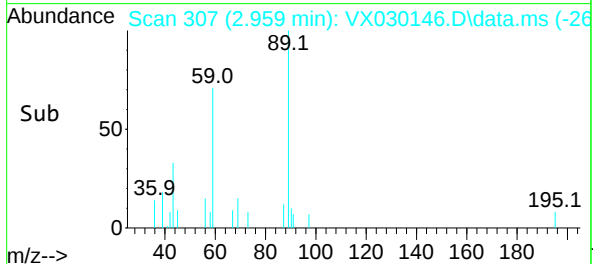
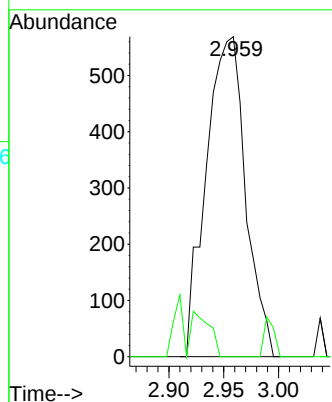
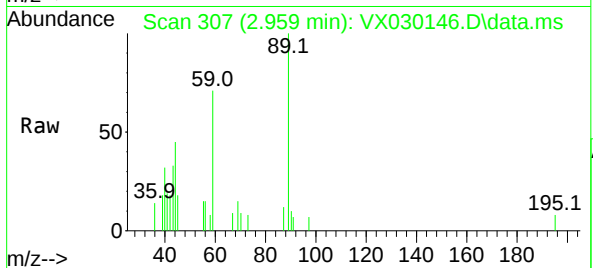




#11
Tert butyl alcohol
Concen: 2.695 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.036 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

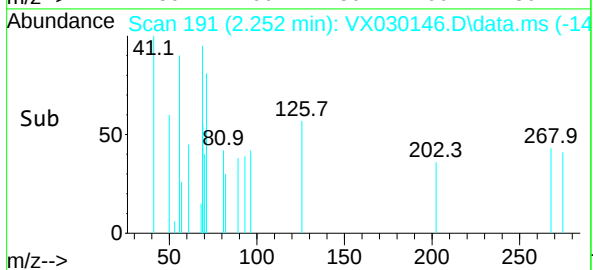
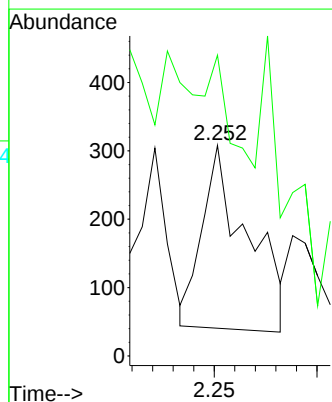
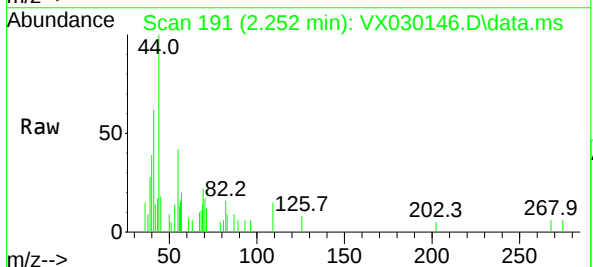
Instrument :
MSVOA_X
ClientSampleId :
TANK-N

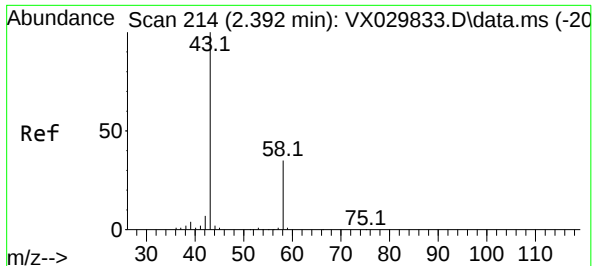
Tgt Ion: 59 Resp: 1423
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 3.918 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

Tgt Ion: 56 Resp: 412
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

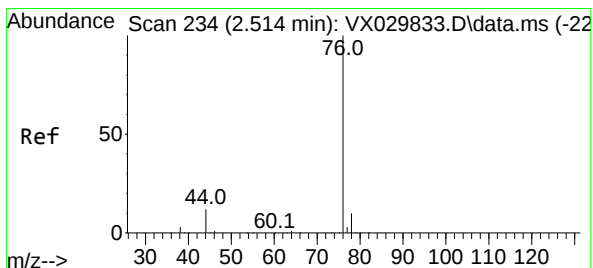
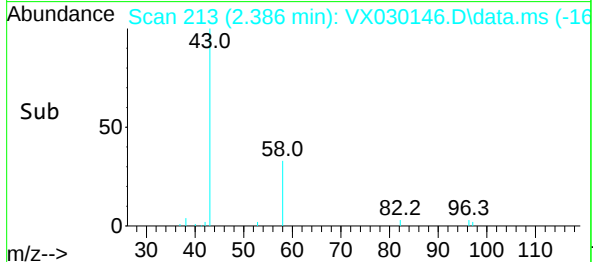
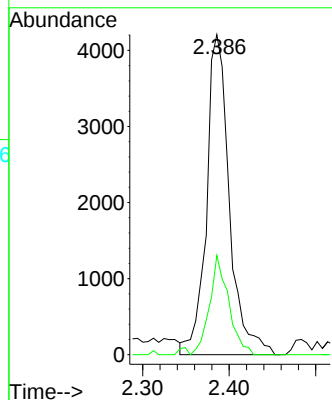
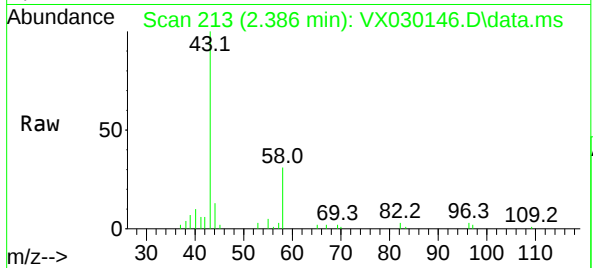




#16
Acetone
Concen: 7.995 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

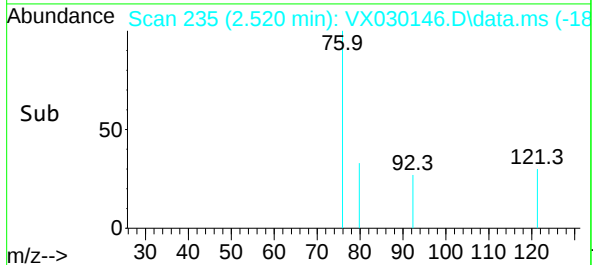
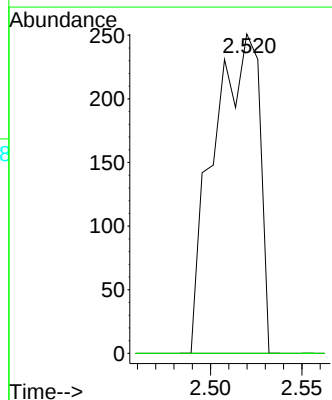
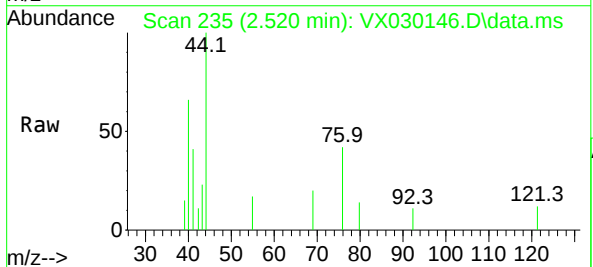
Instrument :
MSVOA_X
ClientSampleId :
TANK-N

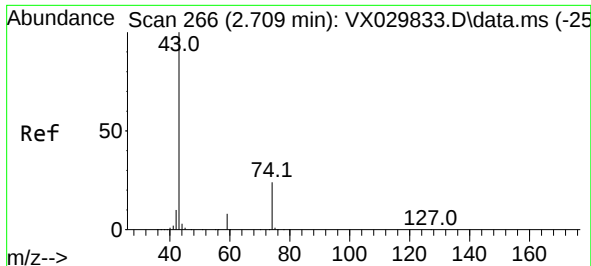
Tgt Ion: 43 Resp: 7707
Ion Ratio Lower Upper
43 100
58 31.0 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

Tgt Ion: 76 Resp: 437
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#





#18

Methyl Acetate

Concen: 0.212 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX030146.D

Acq: 20 Jul 2022 20:43

Instrument :

MSVOA_X

ClientSampleId :

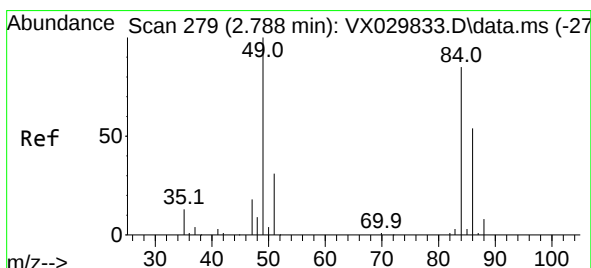
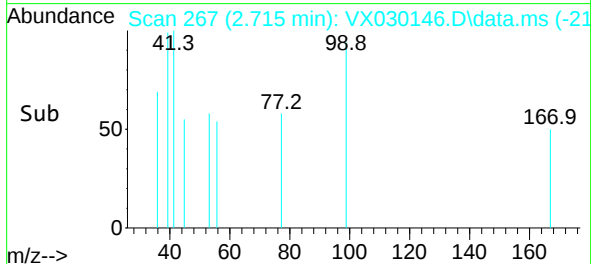
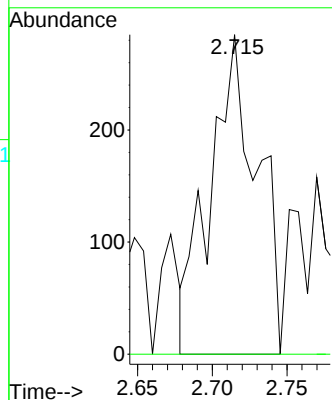
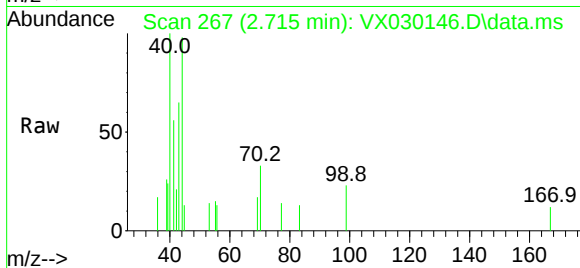
TANK-N

Tgt Ion: 43 Resp: 623

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX030146.D

Acq: 20 Jul 2022 20:43

Tgt Ion: 84 Resp: 1249

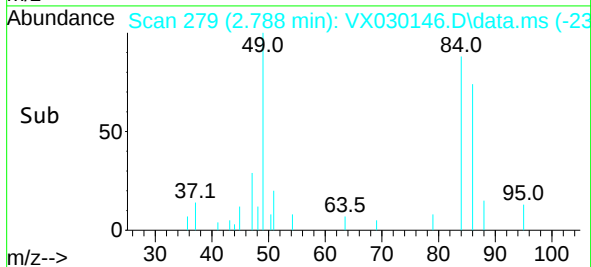
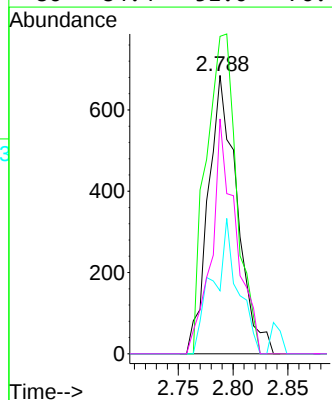
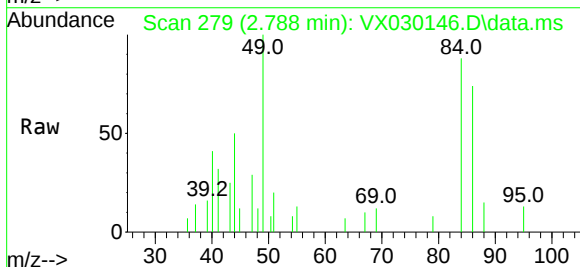
Ion Ratio Lower Upper

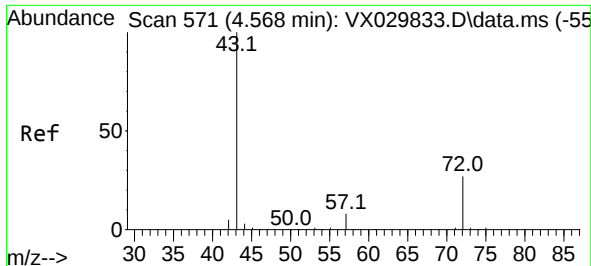
84 100

49 114.0 93.8 140.6

51 22.6 29.4 44.0#

86 84.4 51.0 76.4#





#25

2-Butanone

Concen: 0.719 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.019 min

Lab File: VX030146.D

Acq: 20 Jul 2022 20:43

Instrument :

MSVOA_X

ClientSampleId :

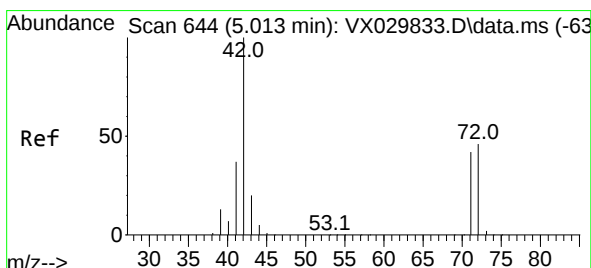
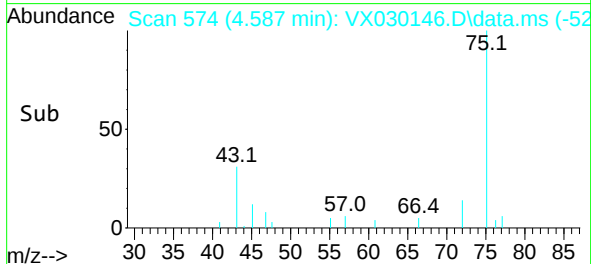
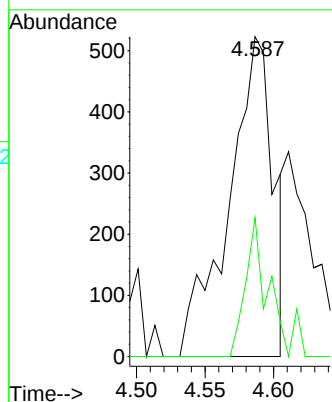
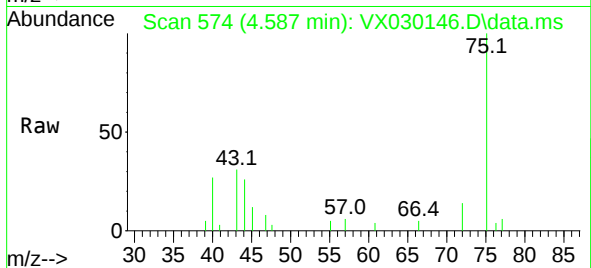
TANK-N

Tgt Ion: 43 Resp: 1180

Ion Ratio Lower Upper

43 100

72 43.4 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.309 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.019 min

Lab File: VX030146.D

Acq: 20 Jul 2022 20:43

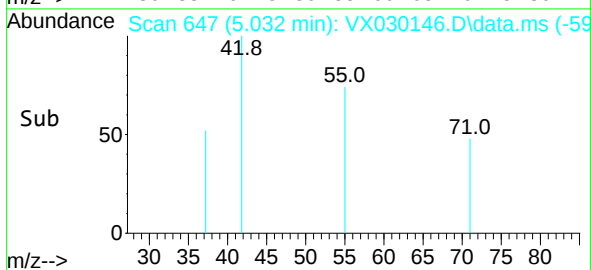
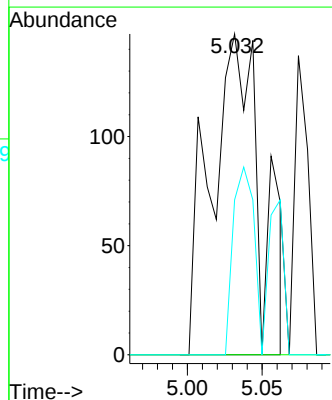
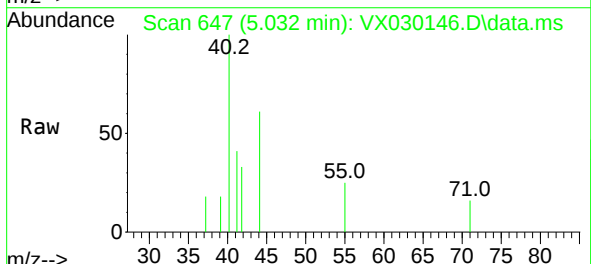
Tgt Ion: 42 Resp: 344

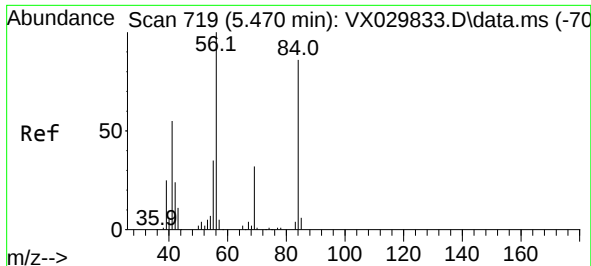
Ion Ratio Lower Upper

42 100

72 0.0 36.5 54.7#

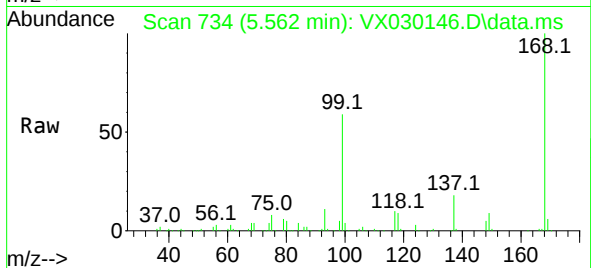
71 24.1 33.9 50.9#



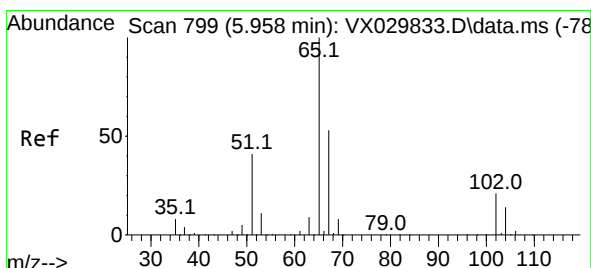
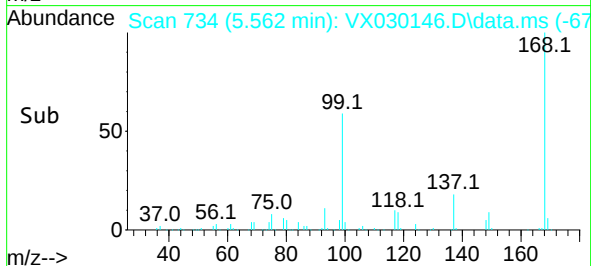
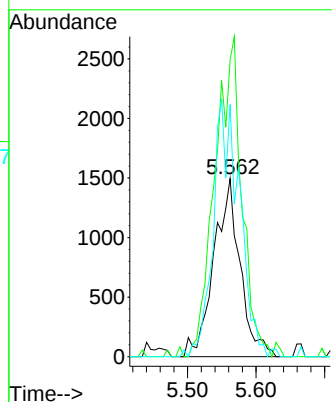


#31
Cyclohexane
Concen: 1.335 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

Instrument :
MSVOA_X
ClientSampleId :
TANK-N

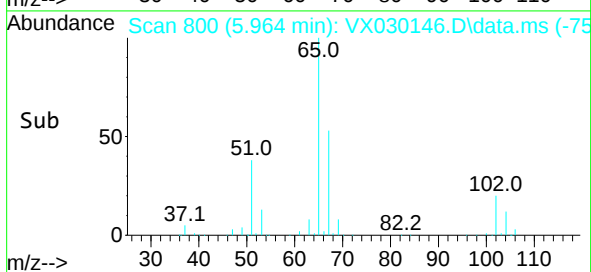
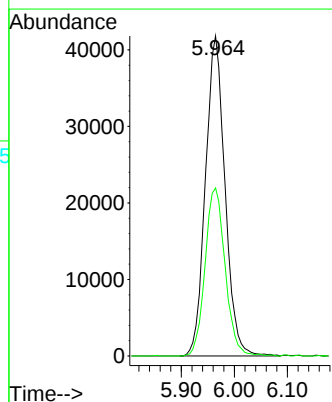
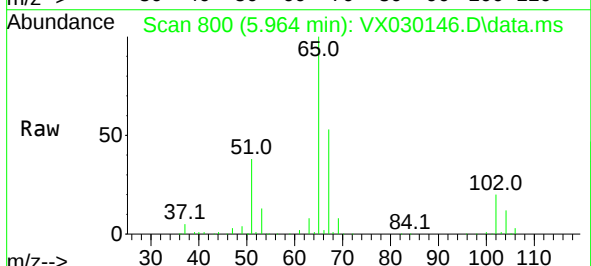


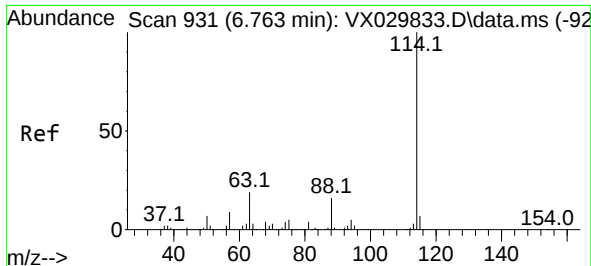
Tgt Ion: 56 Resp: 3959
Ion Ratio Lower Upper
56 100
69 162.1 25.4 38.0#
84 141.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.341 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

Tgt Ion: 65 Resp: 107076
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6

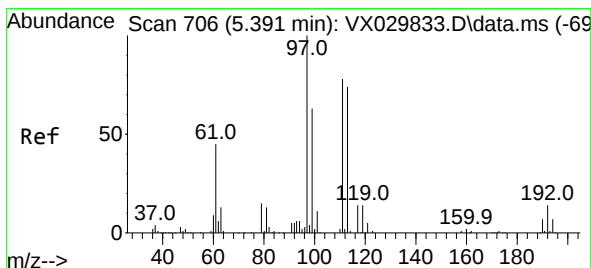
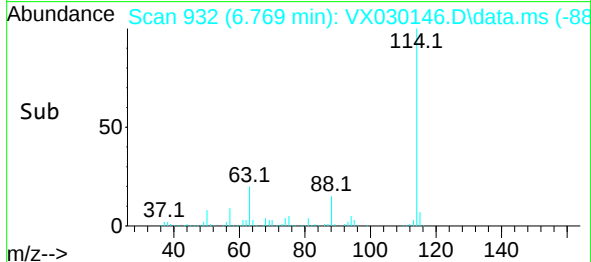
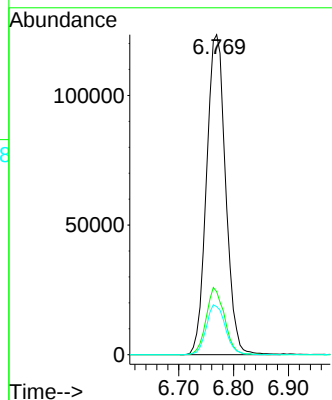
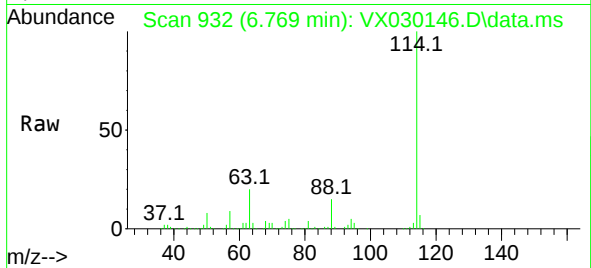




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

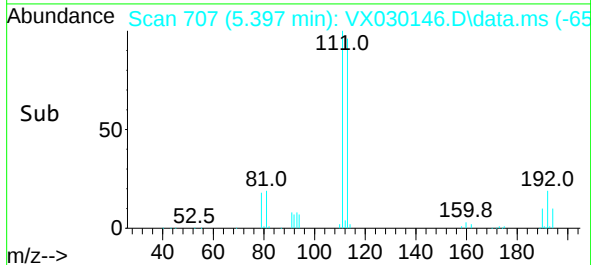
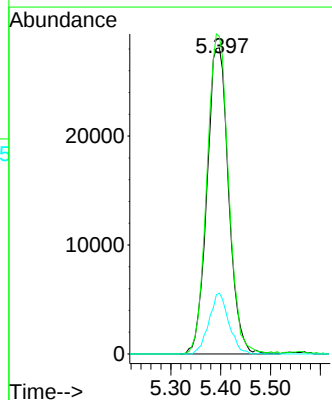
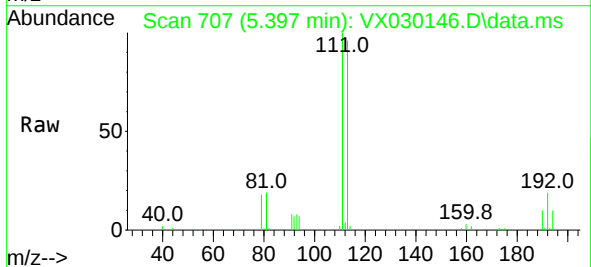
Instrument :
MSVOA_X
ClientSampleId :
TANK-N

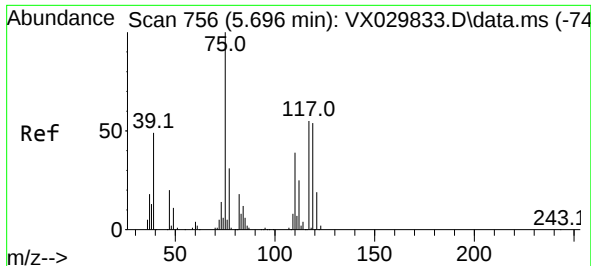
Tgt Ion:114 Resp: 297663
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.4
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.535 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

Tgt Ion:113 Resp: 84686
Ion Ratio Lower Upper
113 100
111 104.3 83.2 124.8
192 18.1 14.8 22.2

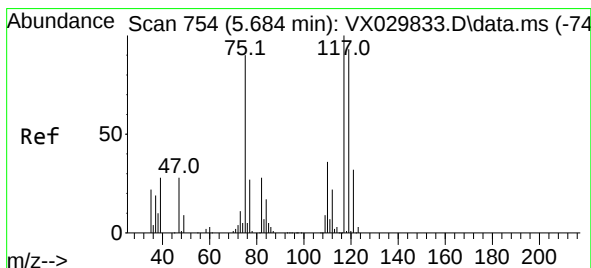
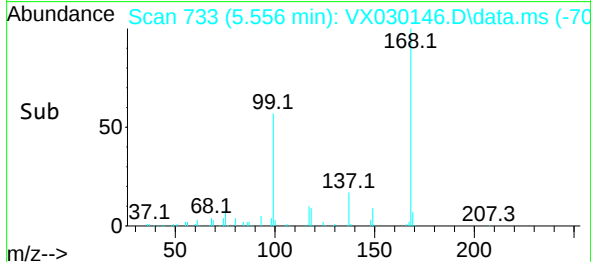
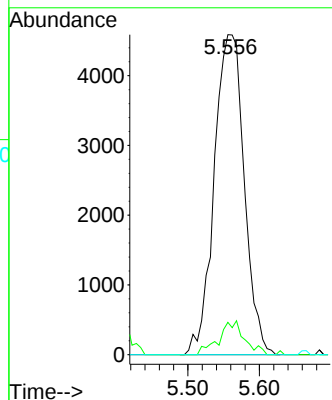
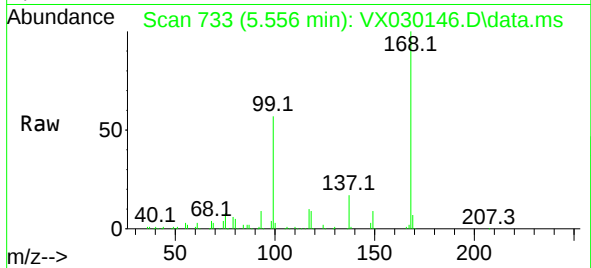




#36
1,1-Dichloropropene
Concen: 5.450 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

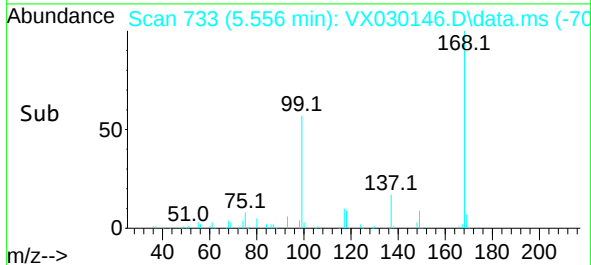
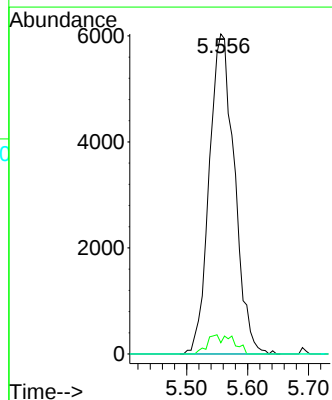
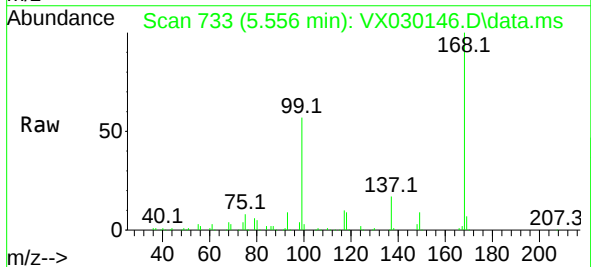
Instrument :
MSVOA_X
ClientSampleId :
TANK-N

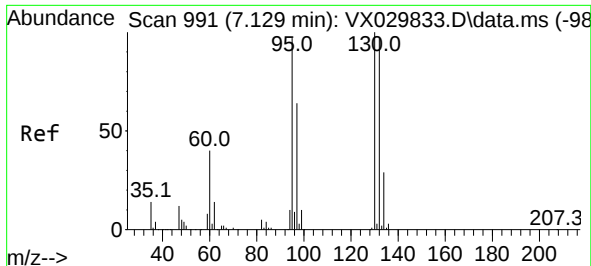
Tgt Ion: 75 Resp: 13387
Ion Ratio Lower Upper
75 100
110 9.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.565 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

Tgt Ion: 117 Resp: 17327
Ion Ratio Lower Upper
117 100
119 3.5 74.1 111.1#
121 0.0 25.8 38.8#

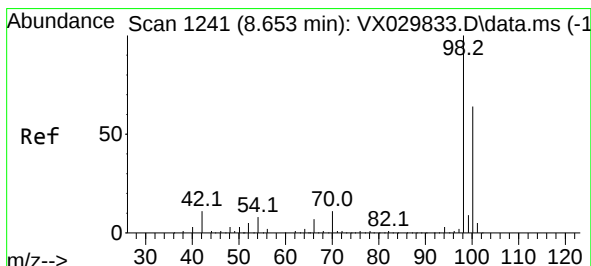
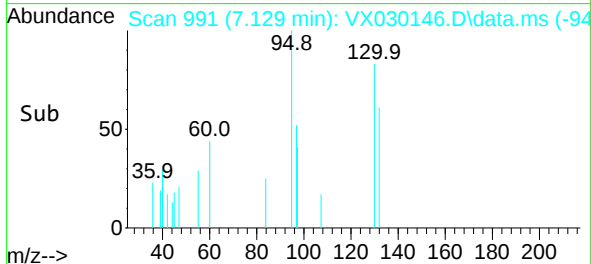
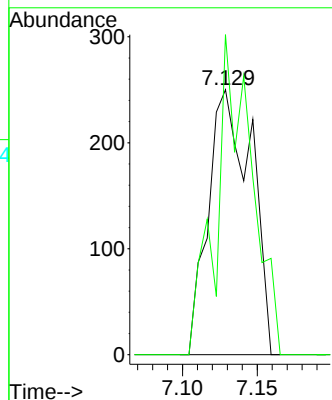
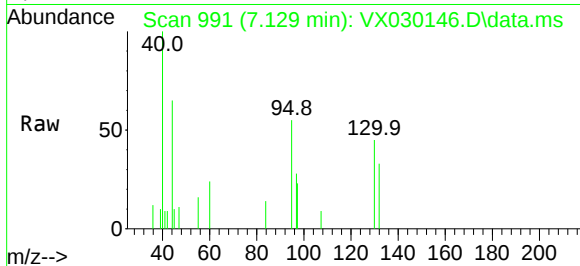




#44
Trichloroethene
Concen: 0.221 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

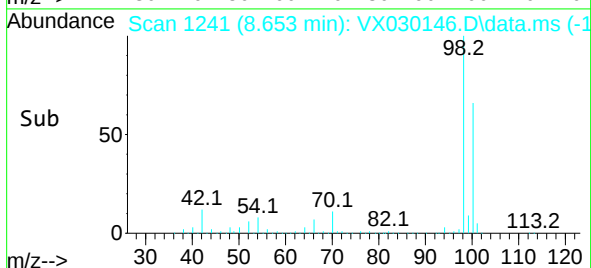
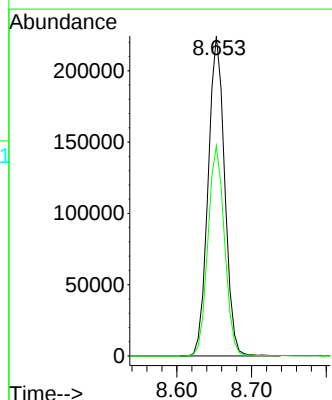
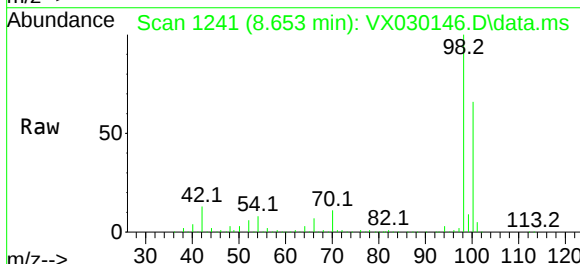
Instrument :
MSVOA_X
ClientSampleId :
TANK-N

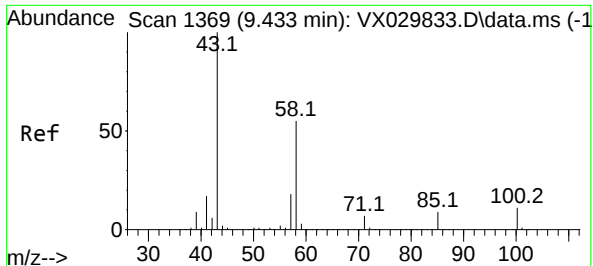
Tgt Ion:130 Resp: 500
Ion Ratio Lower Upper
130 100
95 120.8 0.0 194.8



#50
Toluene-d8
Concen: 48.329 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

Tgt Ion: 98 Resp: 345641
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5





#59

2-Hexanone

Concen: 0.221 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX030146.D

Acq: 20 Jul 2022 20:43

Instrument :

MSVOA_X

ClientSampleId :

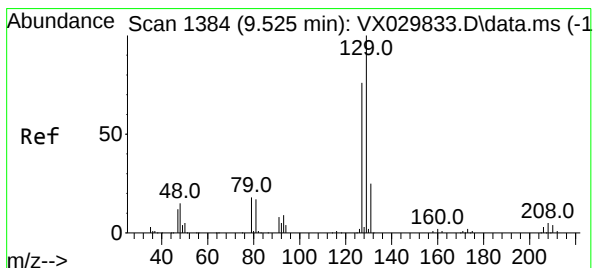
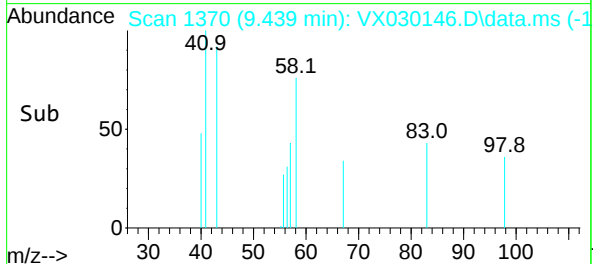
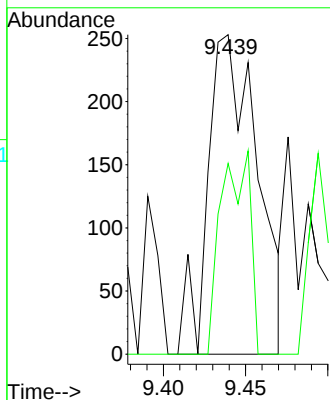
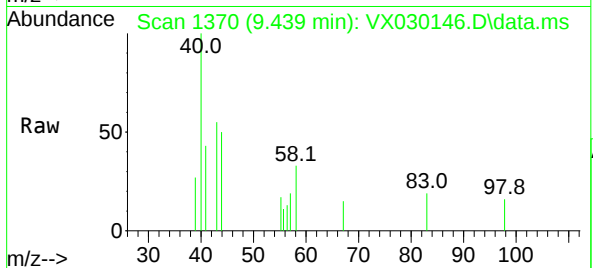
TANK-N

Tgt Ion: 43 Resp: 533

Ion Ratio Lower Upper

43 100

58 37.1 27.6 82.8



#60

Dibromochloromethane

Concen: 0.245 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX030146.D

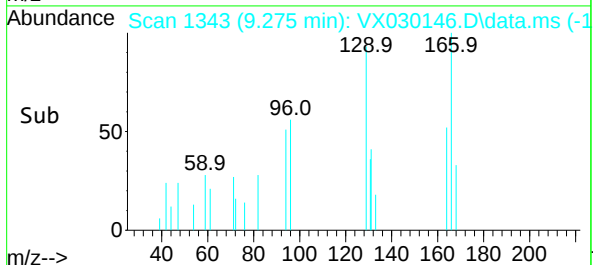
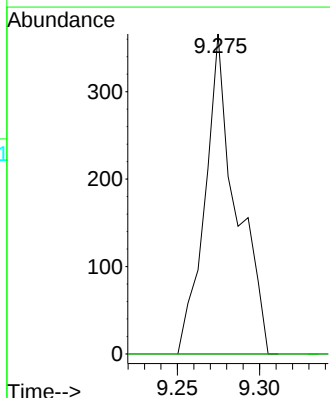
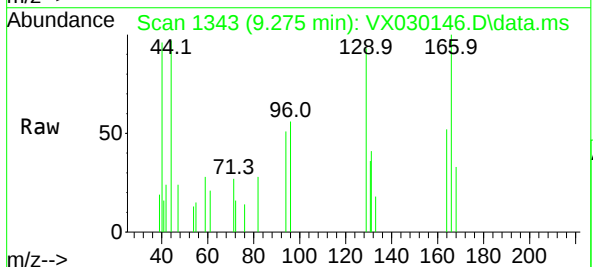
Acq: 20 Jul 2022 20:43

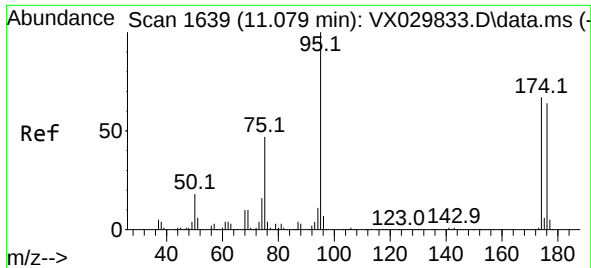
Tgt Ion: 129 Resp: 483

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

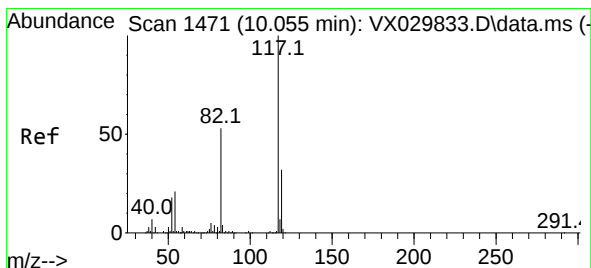
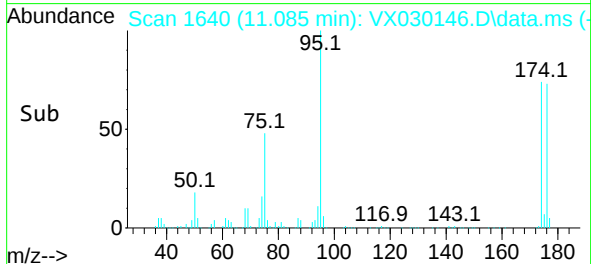
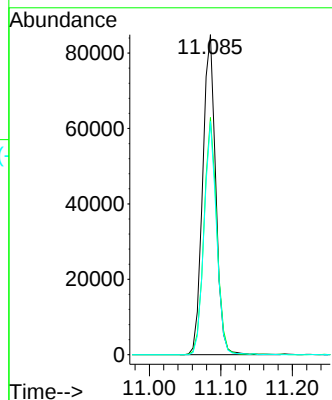
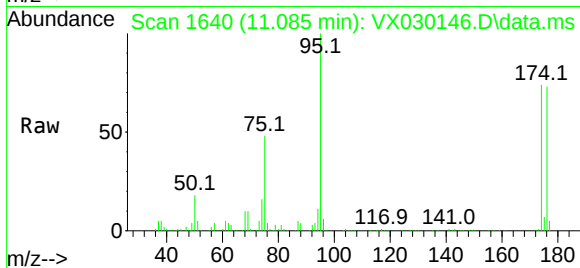




#62
4-Bromofluorobenzene
Concen: 43.235 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

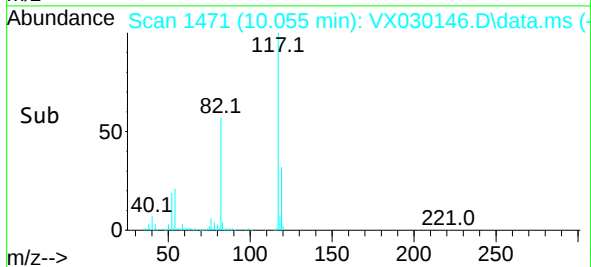
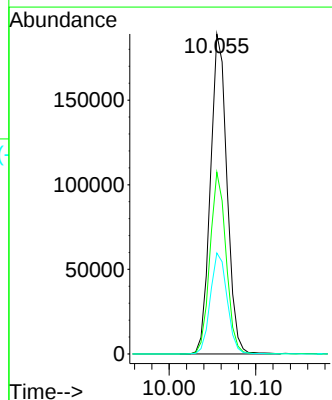
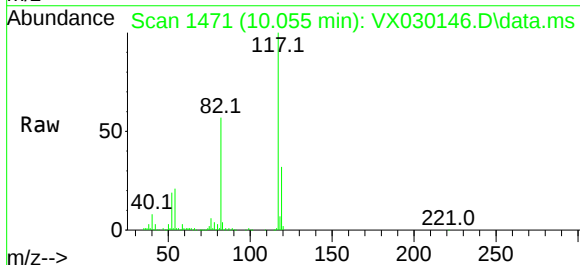
Instrument :
MSVOA_X
ClientSampleId :
TANK-N

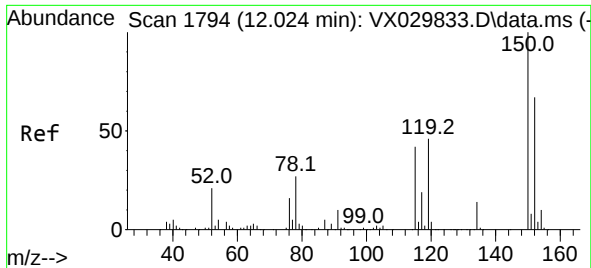
Tgt Ion: 95 Resp: 107304
Ion Ratio Lower Upper
95 100
174 72.8 0.0 149.0
176 69.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

Tgt Ion: 117 Resp: 251015
Ion Ratio Lower Upper
117 100
82 56.8 42.7 64.1
119 31.6 25.4 38.2

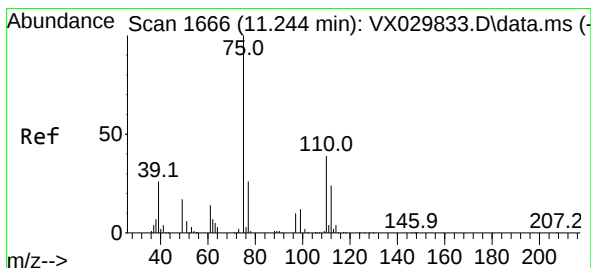
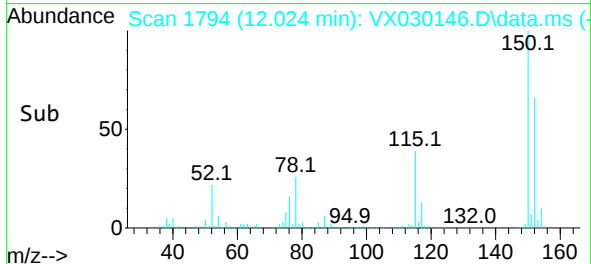
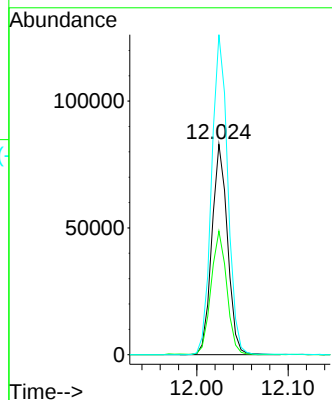
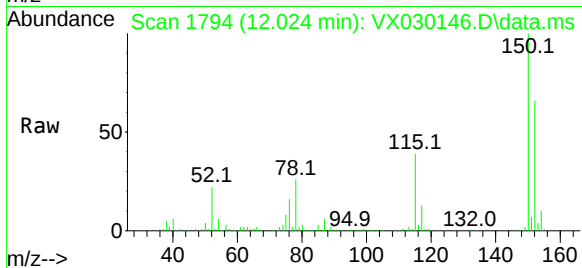




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

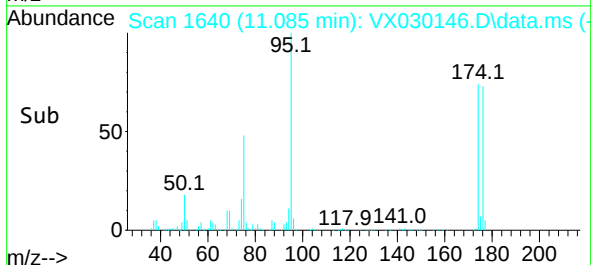
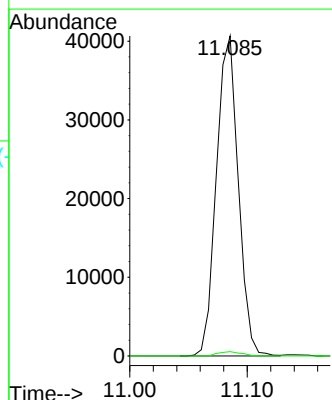
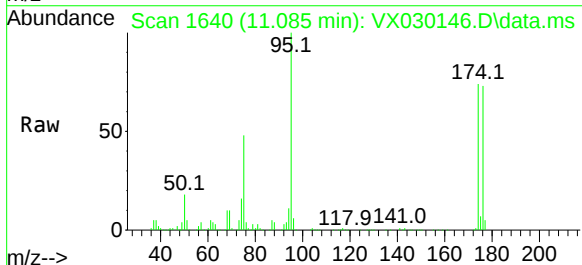
Instrument :
MSVOA_X
ClientSampleId :
TANK-N

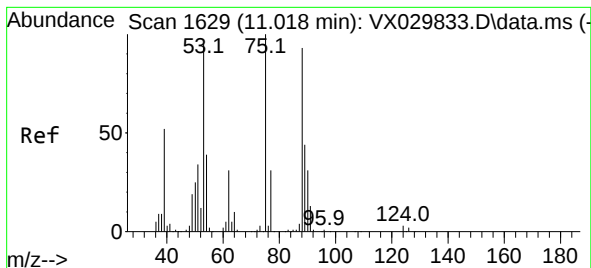
Tgt Ion:152 Resp: 98828
Ion Ratio Lower Upper
152 100
115 58.7 40.5 121.5
150 156.3 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 23.154 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

Tgt Ion: 75 Resp: 52613
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#

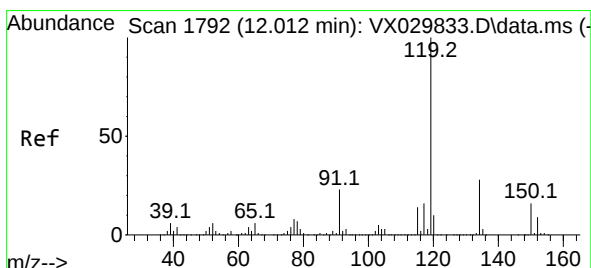
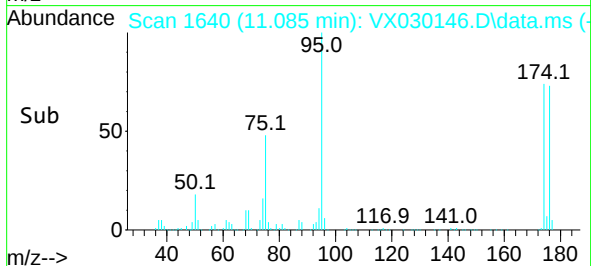
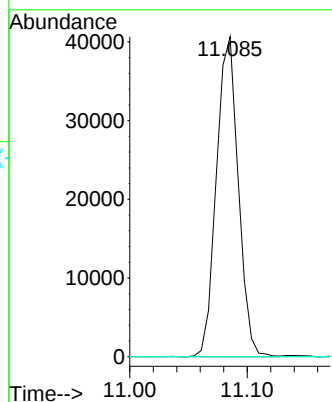
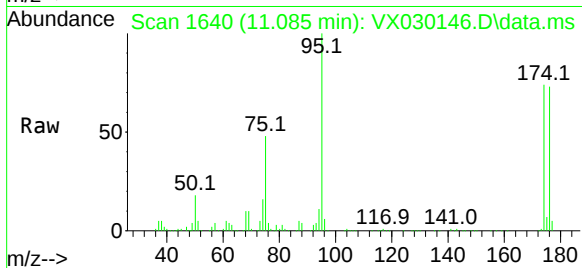




#81
trans-1,4-Dichloro-2-butene
Concen: 66.823 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

Instrument :
MSVOA_X
ClientSampleId :
TANK-N

Tgt Ion: 75 Resp: 52613
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#86
p-Isopropyltoluene
Concen: 0.571 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX030146.D
Acq: 20 Jul 2022 20:43

Tgt Ion: 119 Resp: 3366
Ion Ratio Lower Upper
119 100
134 31.3 13.9 41.6
91 32.4 11.8 35.3

