

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042722\
 Data File : VX028368.D
 Acq On : 27 Apr 2022 11:07
 Operator : JC/MD
 Sample : VX0427WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBL01

Quant Time: Apr 27 15:52:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	418795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	711275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	687202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	330855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	295150	54.051	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.100%	
35) Dibromofluoromethane	5.391	113	269234	53.975	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.960%	
50) Toluene-d8	8.653	98	983849	51.354	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.700%	
62) 4-Bromofluorobenzene	11.079	95	360811	49.255	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.520%	
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	405	Below Cal		96
5) Bromomethane	1.612	94	937	Below Cal		96
6) Chloroethane	1.648	64	581	Below Cal	#	43
10) Methyl Iodide	2.459	142	619	5.354 ug/l	#	90
11) Tert butyl alcohol	2.941	59	8429	Below Cal	#	73
16) Acetone	2.380	43	2825	0.299 ug/l		90
20) Methylene Chloride	2.794	84	2141	0.528 ug/l		88
31) Cyclohexane	5.556	56	7573	1.138 ug/l	#	1
36) 1,1-Dichloropropene	5.550	75	31468	4.836 ug/l	#	50
38) Carbon Tetrachloride	5.550	117	41922	5.707 ug/l	#	15
58) 2-Chloroethyl Vinyl ether	8.245	63	781	0.214 ug/l		96
76) 1,2,3-Trichloropropane	11.079	75	179502	27.567 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	179502	81.922 ug/l	#	15

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

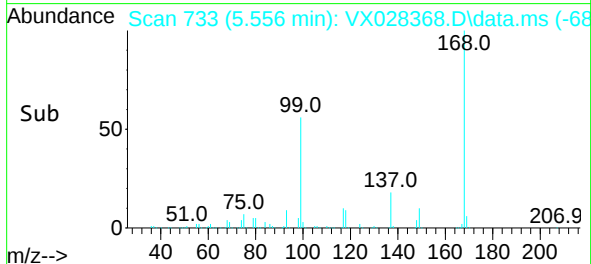
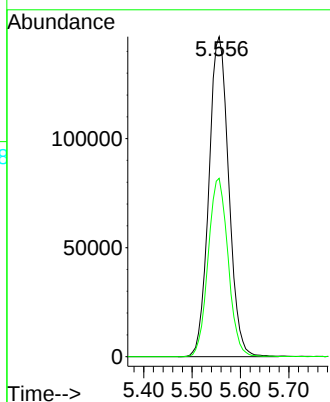
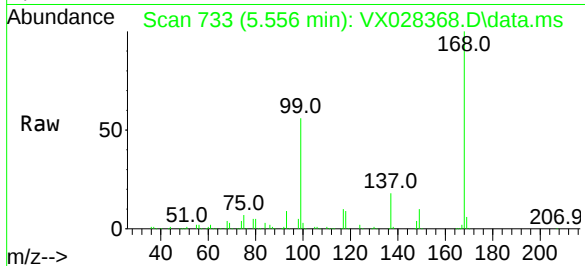




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

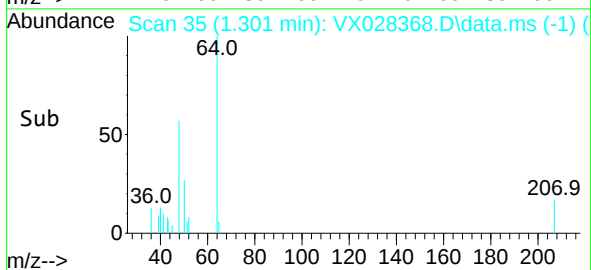
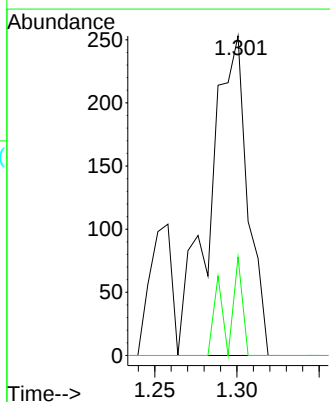
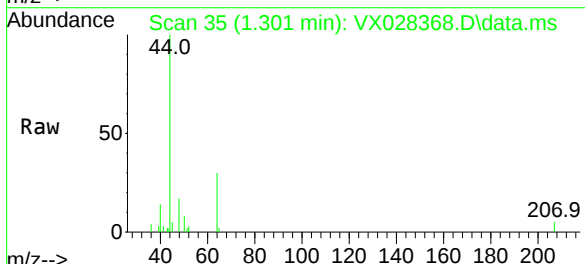
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBL01

Tgt Ion:168 Resp: 418795
Ion Ratio Lower Upper
168 100
99 55.8 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

Tgt Ion: 50 Resp: 405
Ion Ratio Lower Upper
50 100
52 30.8 26.4 39.6

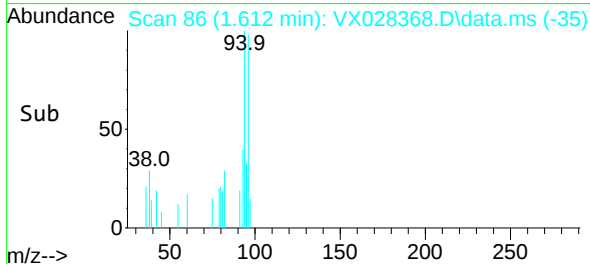
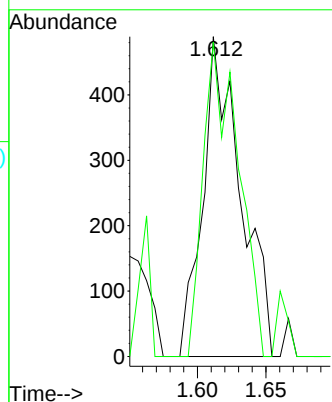
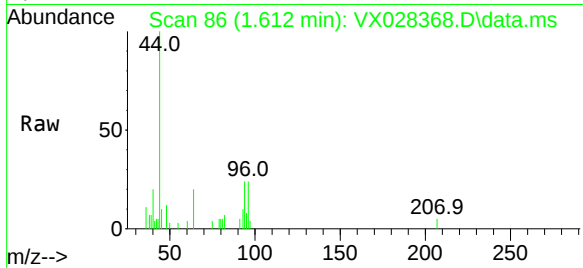




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

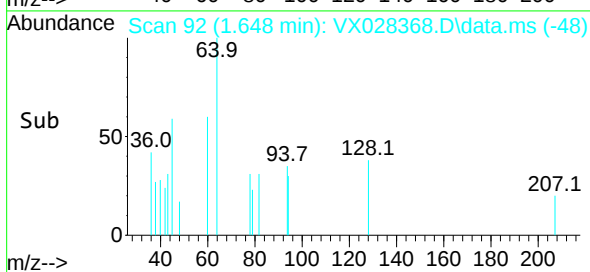
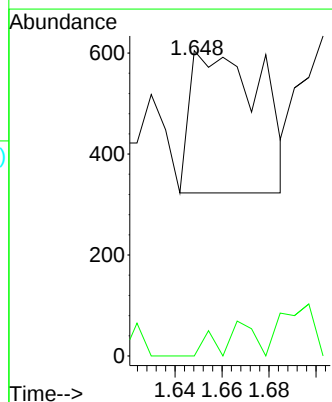
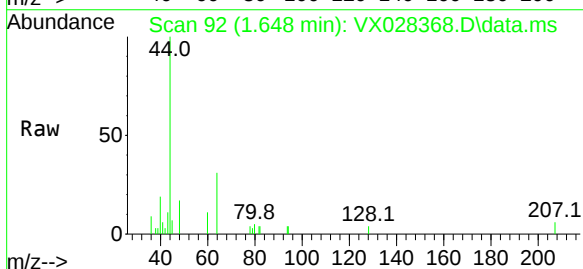
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBL01

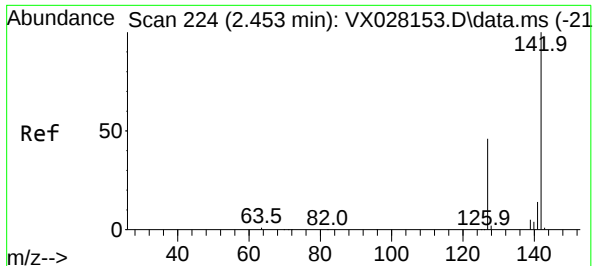
Tgt Ion: 94 Resp: 937
Ion Ratio Lower Upper
94 100
96 98.4 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 92
Delta R.T. -0.030 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

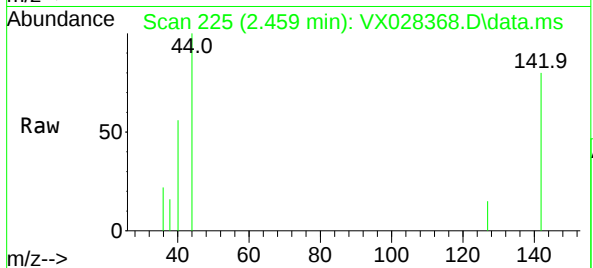
Tgt Ion: 64 Resp: 581
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



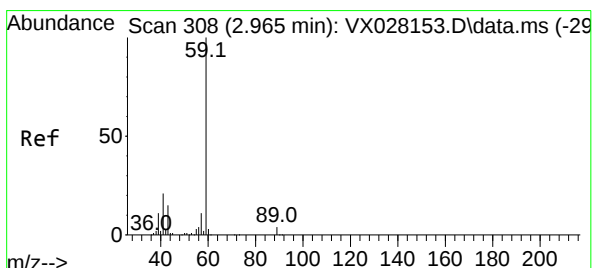
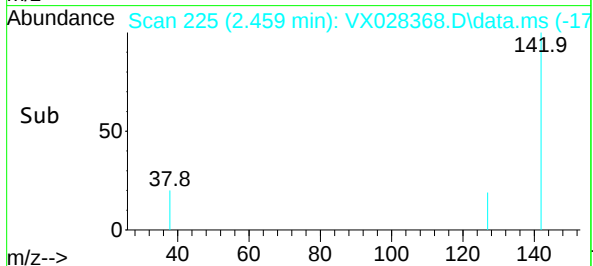
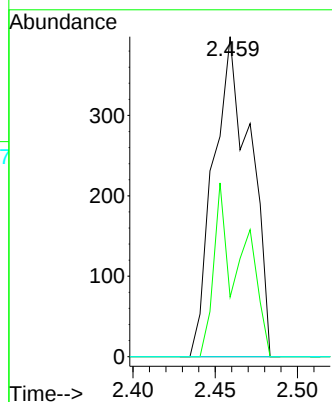


#10
Methyl Iodide
Concen: 5.354 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBL01

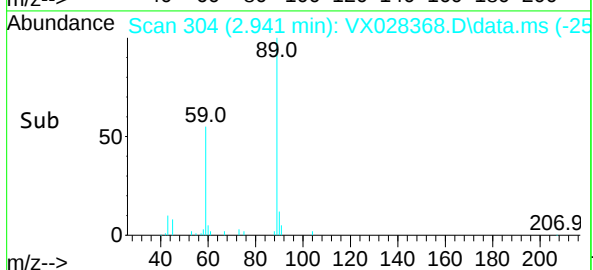
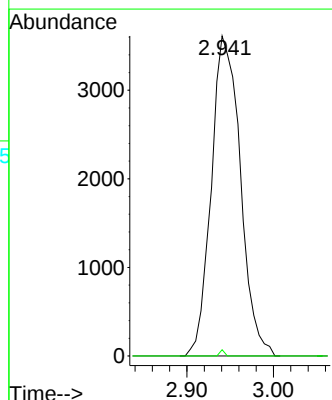
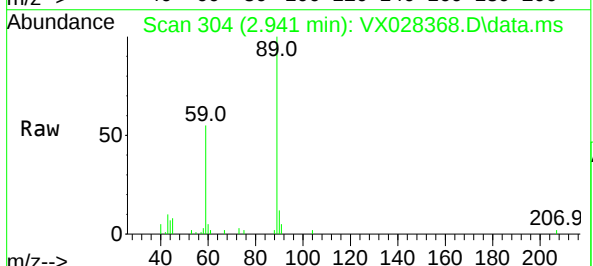


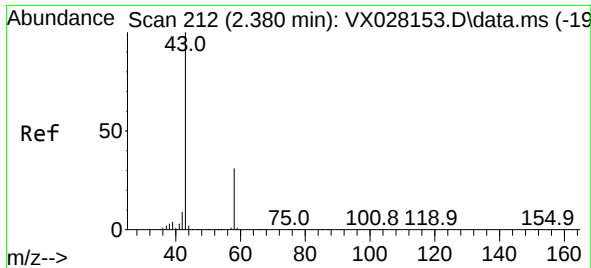
Tgt Ion:142 Resp: 619
Ion Ratio Lower Upper
142 100
127 41.0 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

Tgt Ion: 59 Resp: 8429
Ion Ratio Lower Upper
59 100
57 0.3 8.3 12.5#

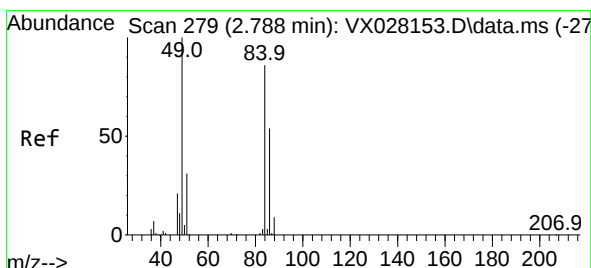
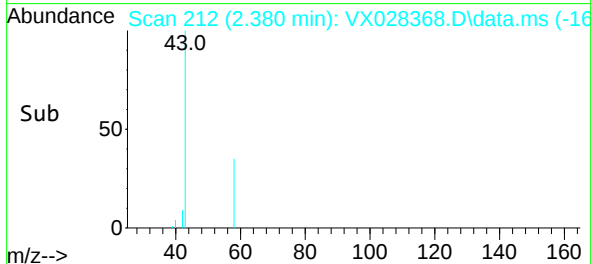
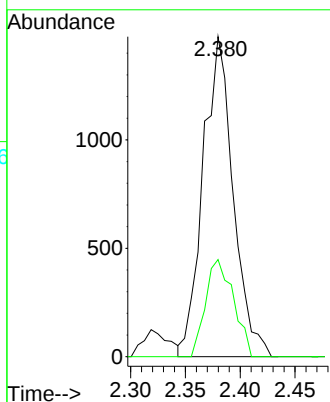
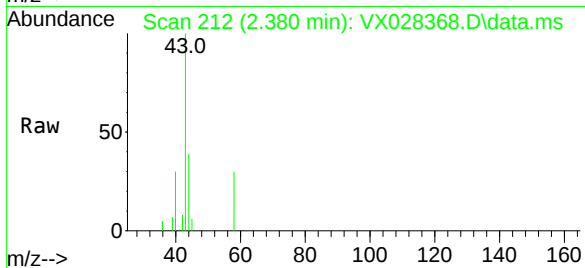




#16
Acetone
Concen: 0.299 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

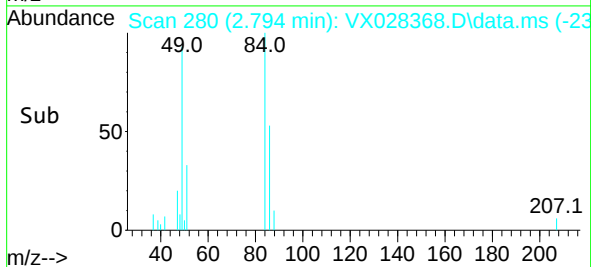
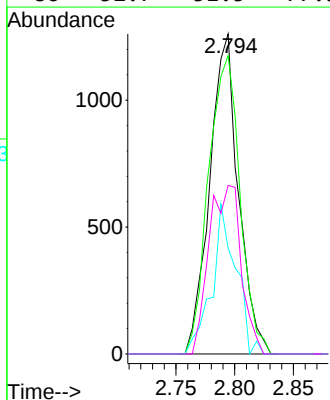
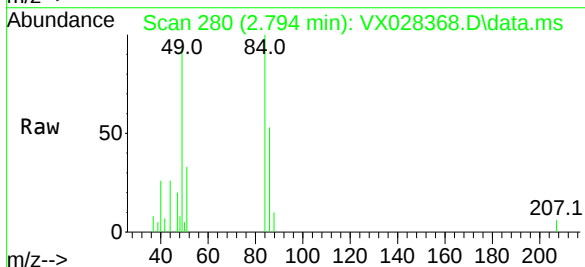
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBL01

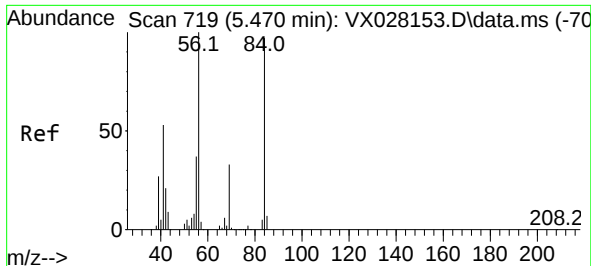
Tgt Ion: 43 Resp: 2825
Ion Ratio Lower Upper
43 100
58 30.4 28.8 43.2



#20
Methylene Chloride
Concen: 0.528 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

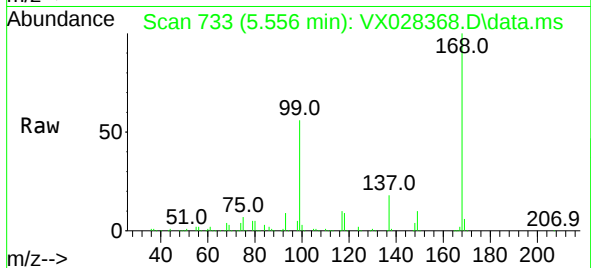
Tgt Ion: 84 Resp: 2141
Ion Ratio Lower Upper
84 100
49 93.2 85.5 128.3
51 33.1 26.6 39.8
86 52.7 51.5 77.3



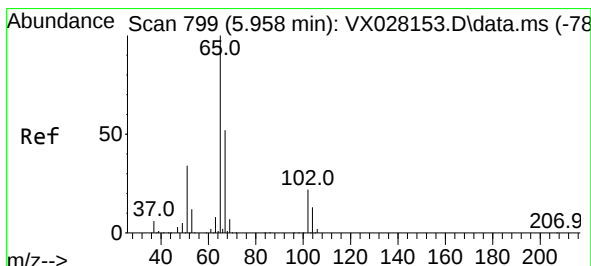
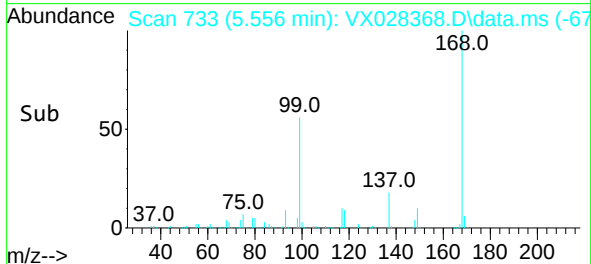
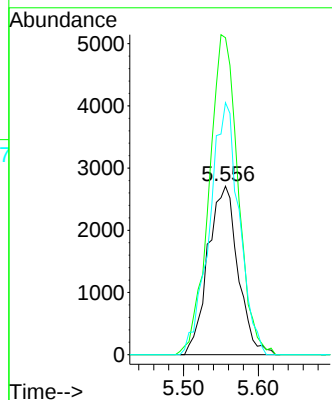


#31
Cyclohexane
Concen: 1.138 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBL01

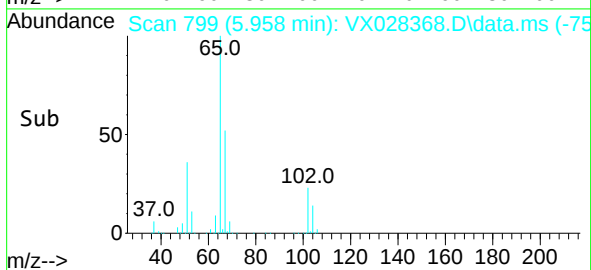
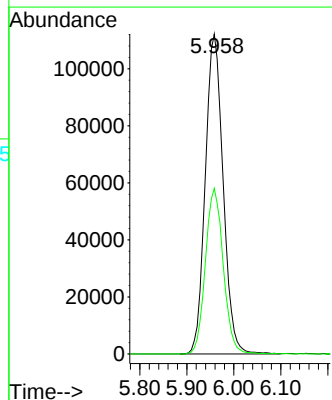
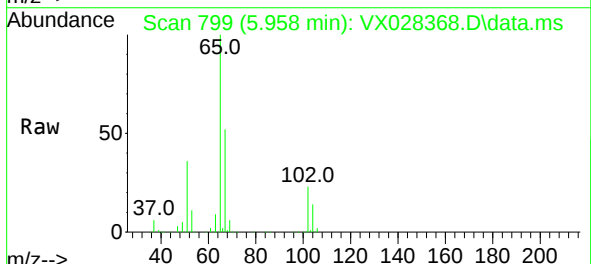


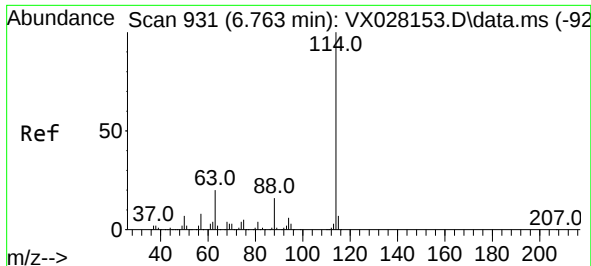
Tgt Ion: 56 Resp: 7573
Ion Ratio Lower Upper
56 100
69 188.1 26.7 40.1#
84 149.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 54.051 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

Tgt Ion: 65 Resp: 295150
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

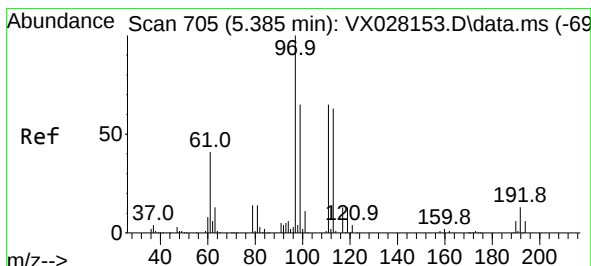
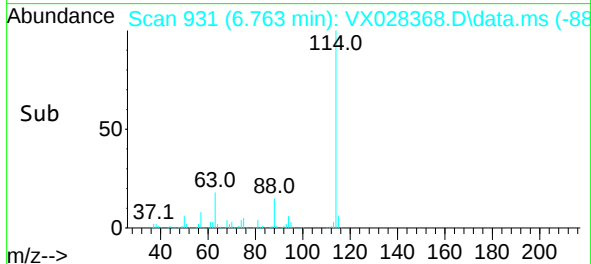
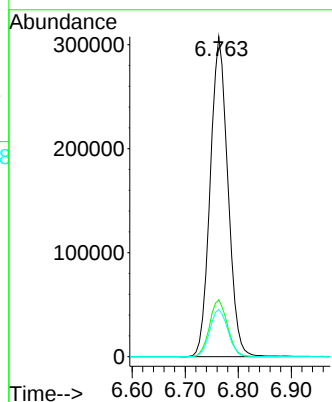
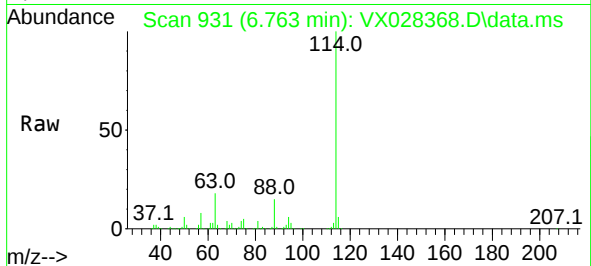




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

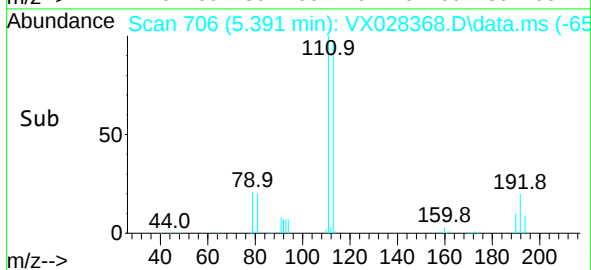
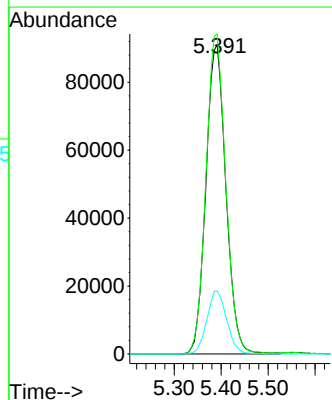
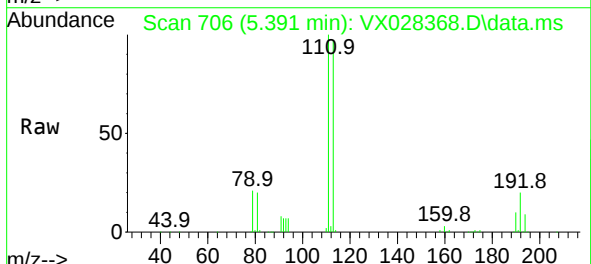
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBL01

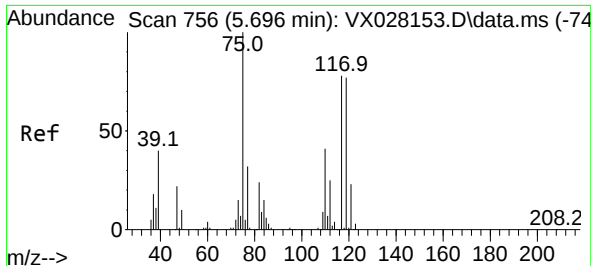
Tgt Ion:114 Resp: 711275
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.8
88 14.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.975 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

Tgt Ion:113 Resp: 269234
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 20.1 16.9 25.3

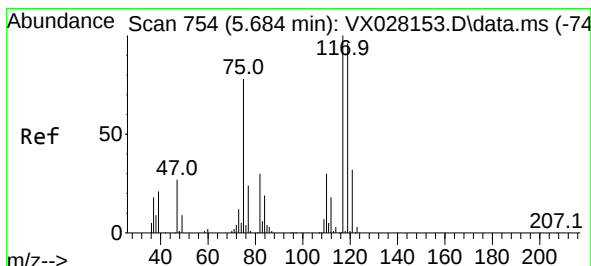
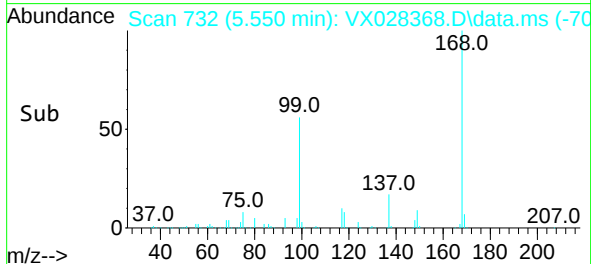
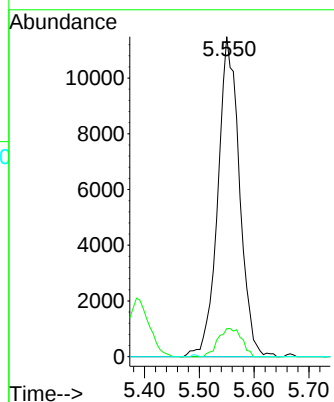
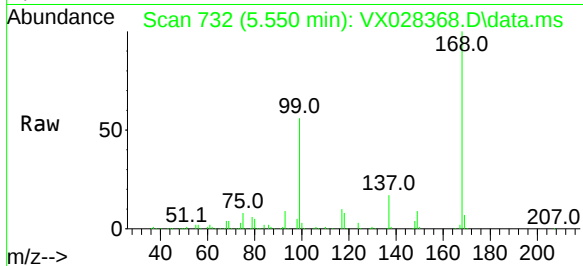




#36
1,1-Dichloropropene
Concen: 4.836 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

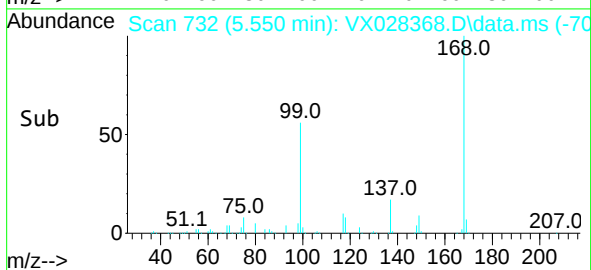
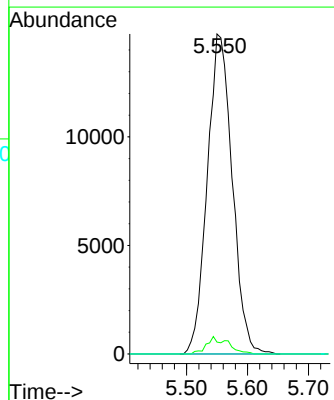
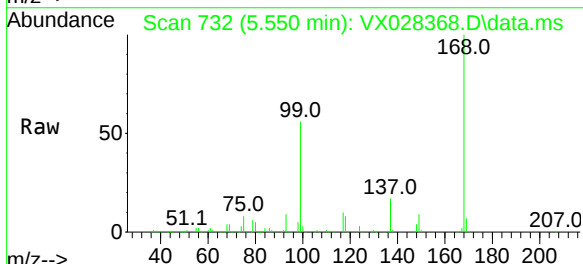
Instrument :
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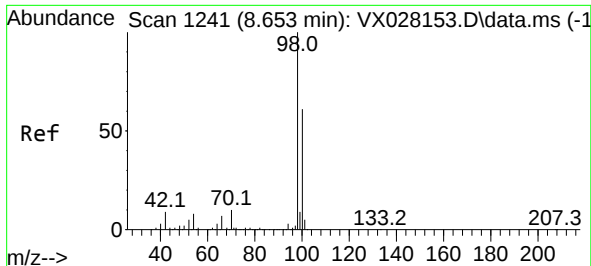
Tgt Ion: 75 Resp: 31468
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.707 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

Tgt Ion: 117 Resp: 41922
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 24.2 36.2#

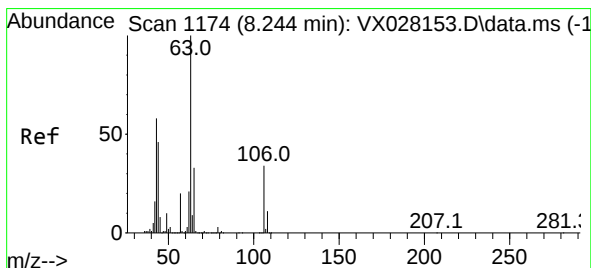
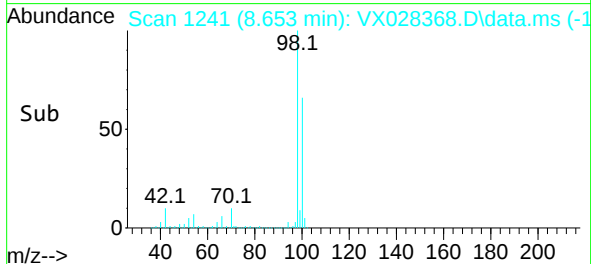
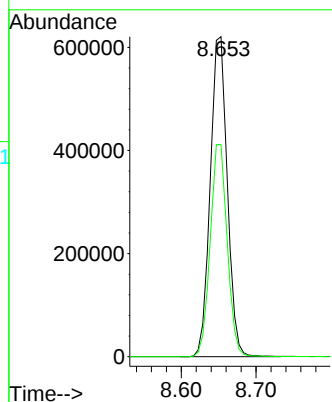
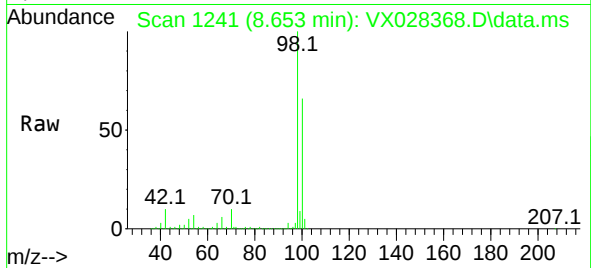




#50
Toluene-d8
Concen: 51.354 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

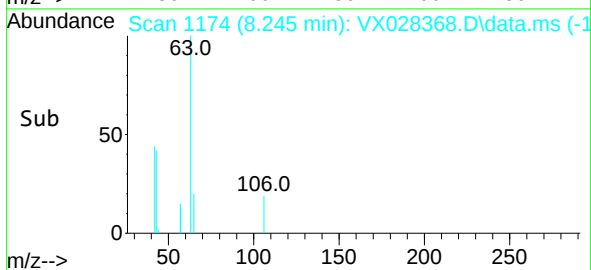
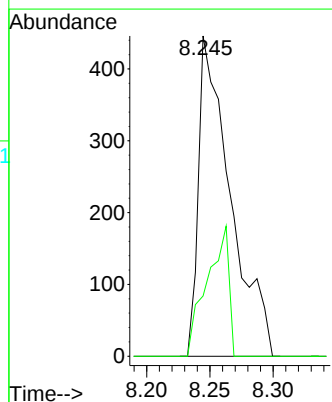
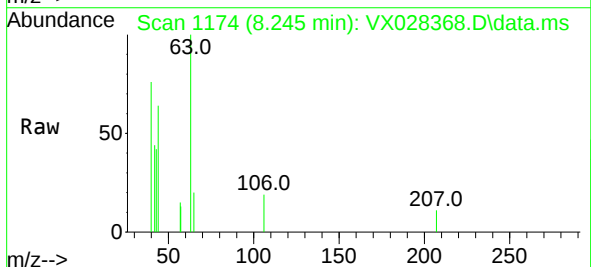
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBL01

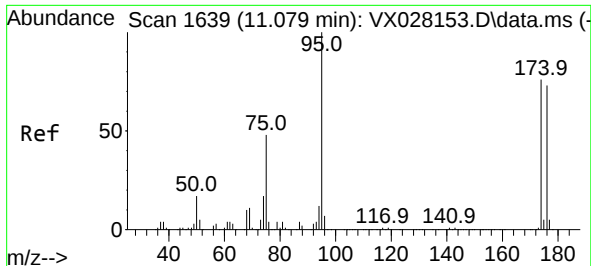
Tgt Ion: 98 Resp: 983849
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#58
2-Chloroethyl Vinyl ether
Concen: 0.214 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

Tgt Ion: 63 Resp: 781
Ion Ratio Lower Upper
63 100
106 27.8 23.9 35.9

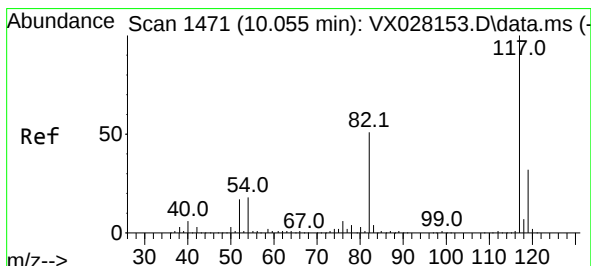
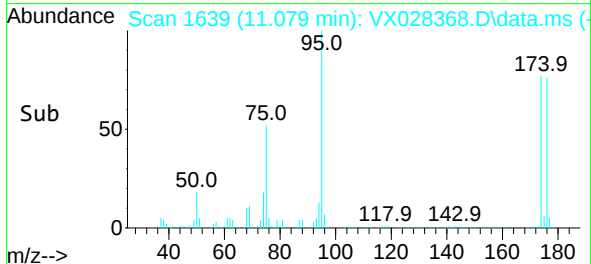
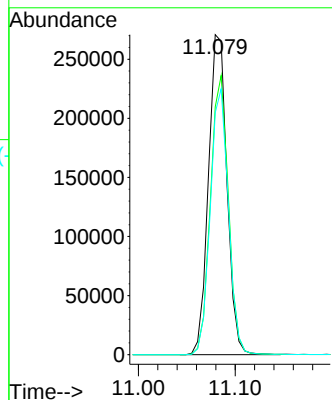
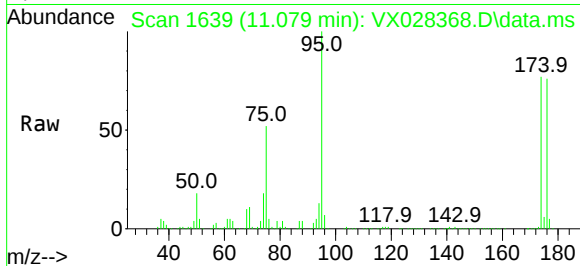




#62
4-Bromofluorobenzene
Concen: 49.255 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

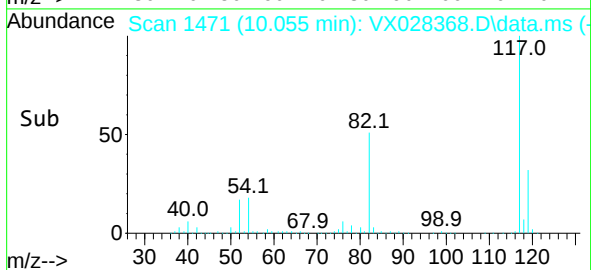
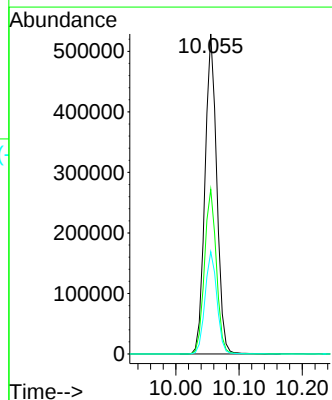
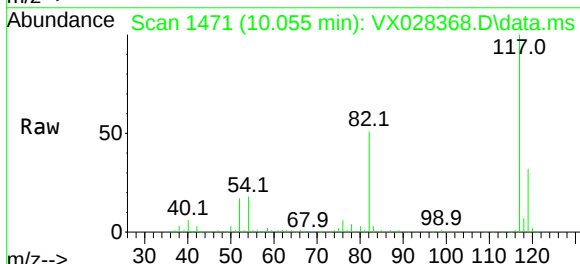
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBL01

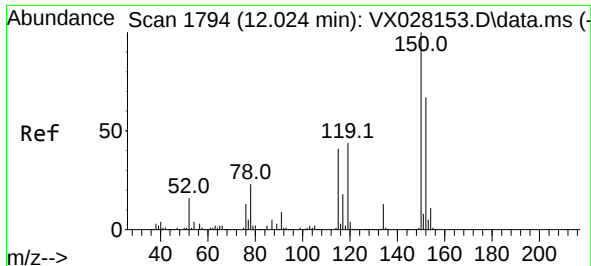
Tgt Ion: 95 Resp: 360811
Ion Ratio Lower Upper
95 100
174 84.5 0.0 163.0
176 81.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028368.D
Acq: 27 Apr 2022 11:07

Tgt Ion: 117 Resp: 687202
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 31.9 24.8 37.2

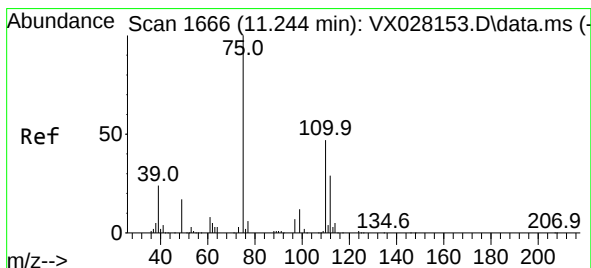
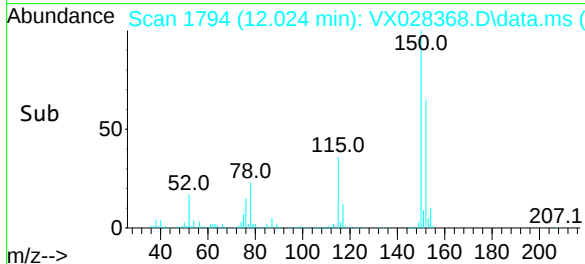
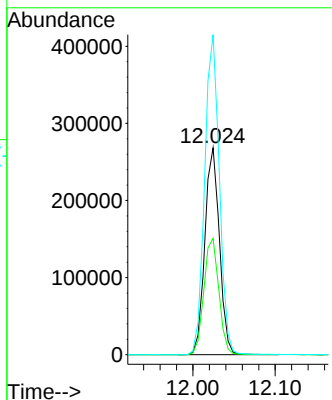
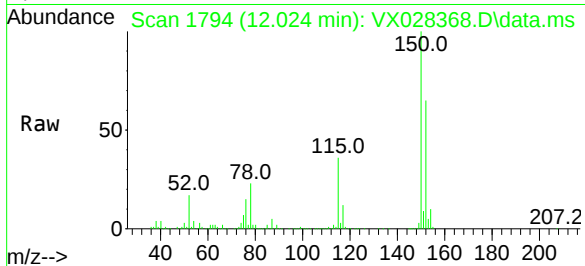




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028368.D
 Acq: 27 Apr 2022 11:07

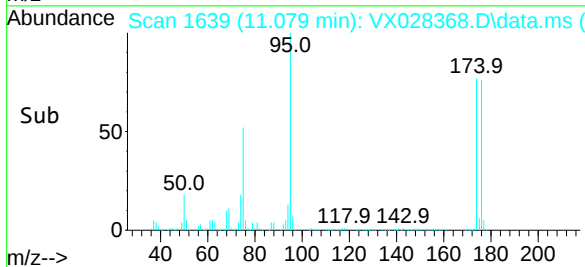
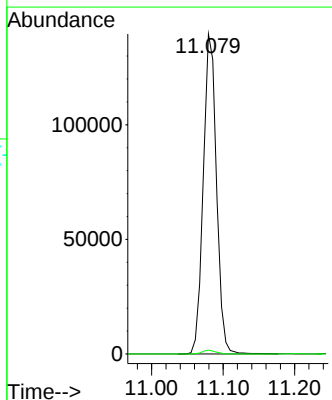
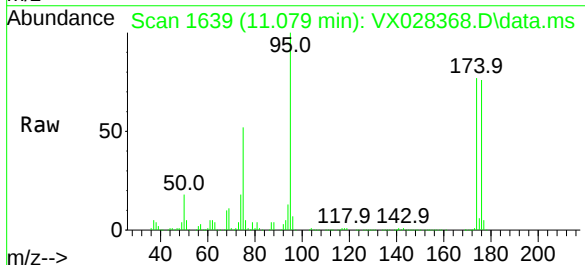
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBL01

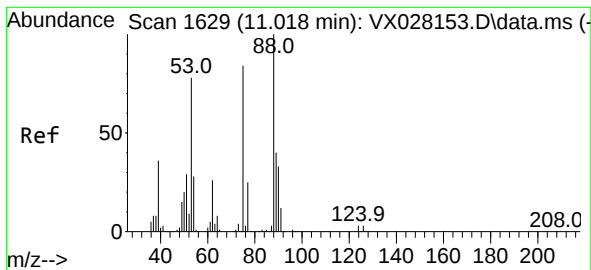
Tgt Ion:152 Resp: 330855
 Ion Ratio Lower Upper
 152 100
 115 57.6 37.5 112.7
 150 155.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 27.567 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028368.D
 Acq: 27 Apr 2022 11:07

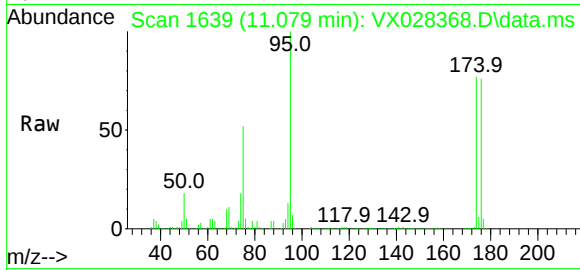
Tgt Ion: 75 Resp: 179502
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.922 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028368.D
 Acq: 27 Apr 2022 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBL01



Tgt Ion: 75 Resp: 179502
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

