

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029262.D
 Acq On : 07 Jun 2022 01:39
 Operator : JC/MD
 Sample : N3166-28
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20220531

Quant Time: Jun 07 06:09:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

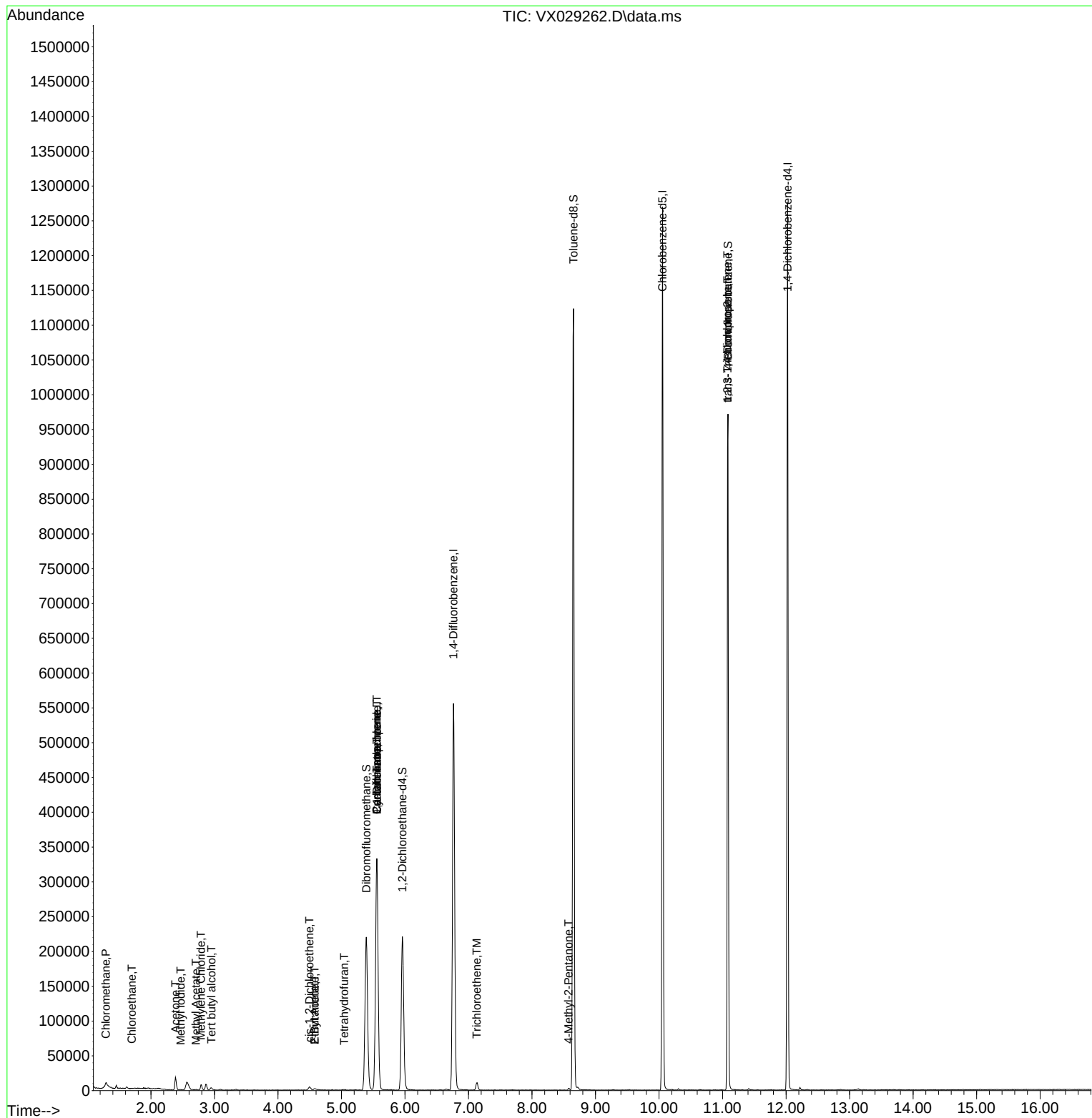
Internal Standards						
1) Pentafluorobenzene	5.556	168	306551	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	580572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	566456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	215311	62.286	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 124.580%	
35) Dibromofluoromethane	5.391	113	194143	50.344	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.680%	
50) Toluene-d8	8.653	98	690471	48.955	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	11.085	95	276256	50.671	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	968	0.347	ug/l	# 83
5) Bromomethane	1.624	94	762	Below Cal		95
6) Chloroethane	1.697	64	403	1.551	ug/l	# 43
10) Methyl Iodide	2.465	142	675	4.405	ug/l	95
11) Tert butyl alcohol	2.953	59	2413	3.013	ug/l	# 72
16) Acetone	2.386	43	19736	14.499	ug/l	100
18) Methyl Acetate	2.709	43	1187	0.337	ug/l	# 69
20) Methylene Chloride	2.788	84	3494	1.101	ug/l	97
25) 2-Butanone	4.574	43	3735	1.701	ug/l	# 88
27) cis-1,2-Dichloroethene	4.495	96	2970	0.799	ug/l	86
29) Tetrahydrofuran	5.044	42	547	0.388	ug/l	# 28
31) Cyclohexane	5.556	56	6259	1.393	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	24614	4.961	ug/l	# 50
37) Ethyl Acetate	4.574	43	3735	0.777	ug/l	# 65
38) Carbon Tetrachloride	5.556	117	32404	5.714	ug/l	# 18
44) Trichloroethene	7.129	130	4367	0.304	ug/l	82
51) 4-Methyl-2-Pentanone	8.574	43	1621	0.324	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	134960	25.675	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	134960	75.324	ug/l	# 15

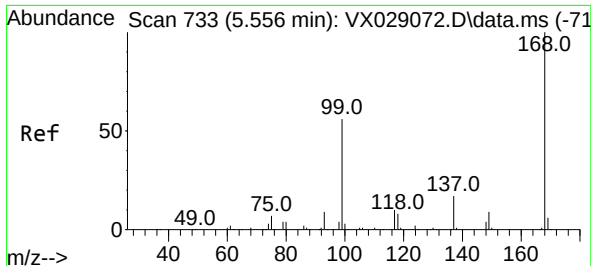
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 07 06:09:48 2022
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Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

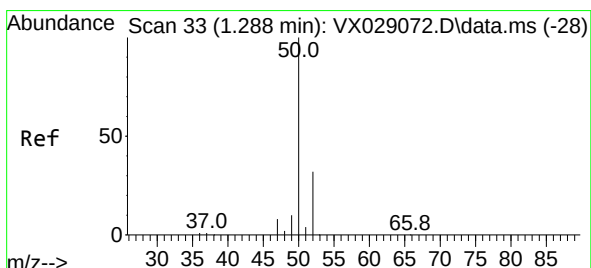
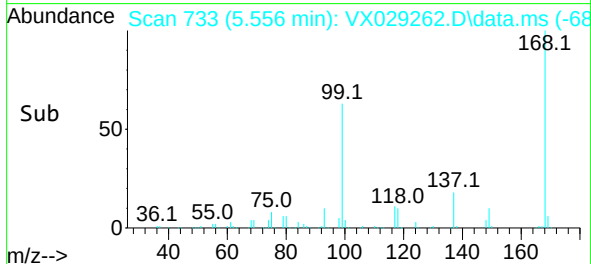
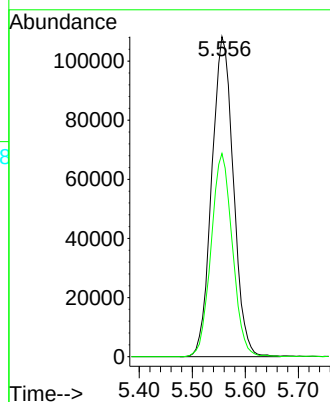
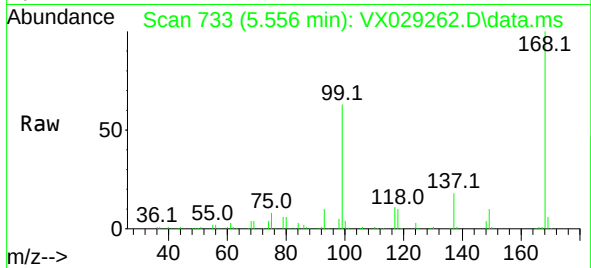




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

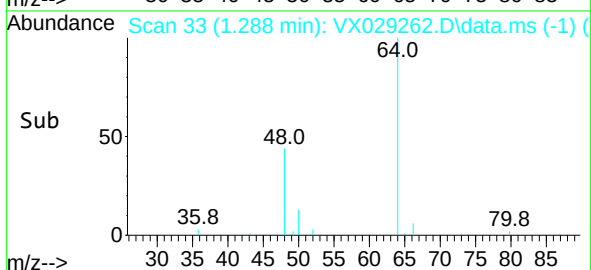
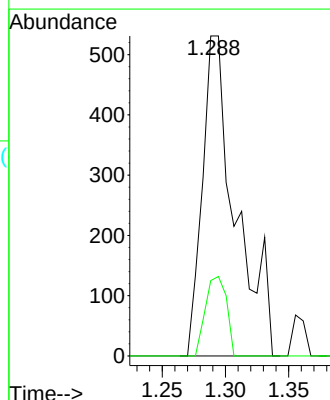
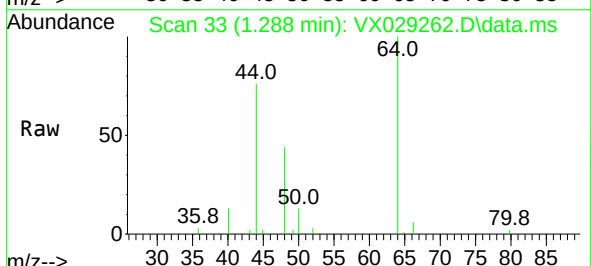
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220531

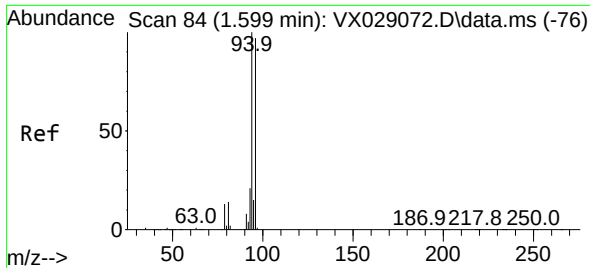
Tgt Ion:168 Resp: 306551
Ion Ratio Lower Upper
168 100
99 63.5 41.7 62.5#



#3
Chloromethane
Concen: 0.347 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

Tgt Ion: 50 Resp: 968
Ion Ratio Lower Upper
50 100
52 23.5 26.4 39.6#

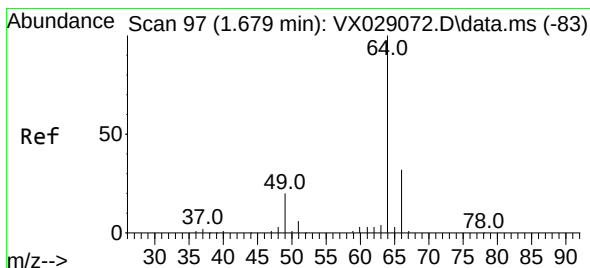
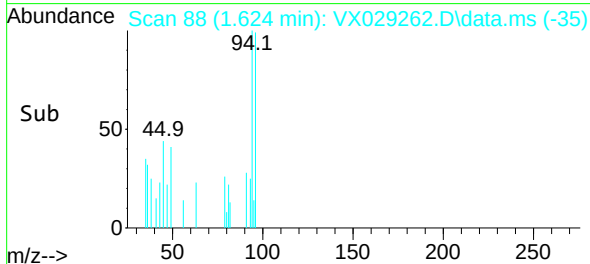
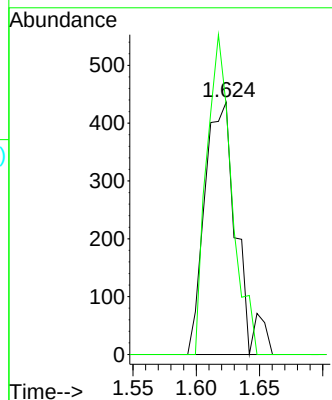
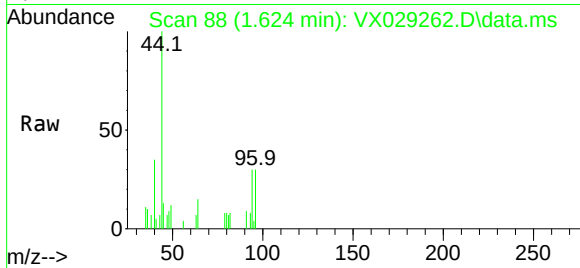




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

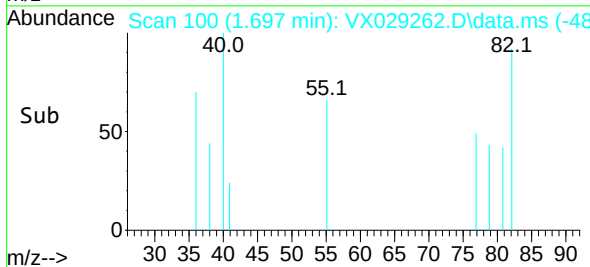
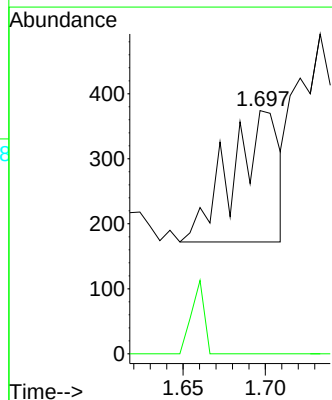
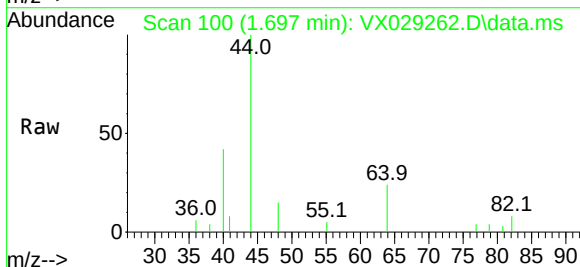
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220531

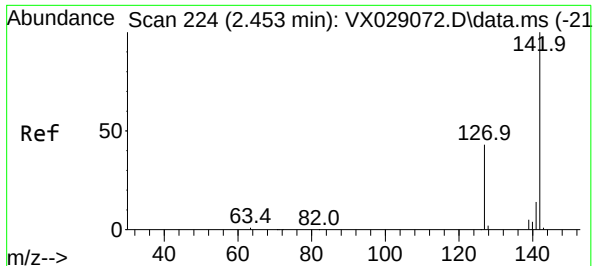
Tgt Ion: 94 Resp: 762
Ion Ratio Lower Upper
94 100
96 98.9 75.3 112.9



#6
Chloroethane
Concen: 1.551 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

Tgt Ion: 64 Resp: 403
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

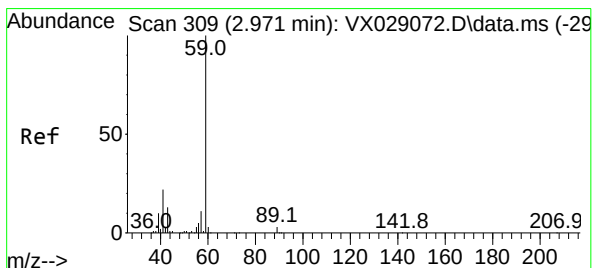
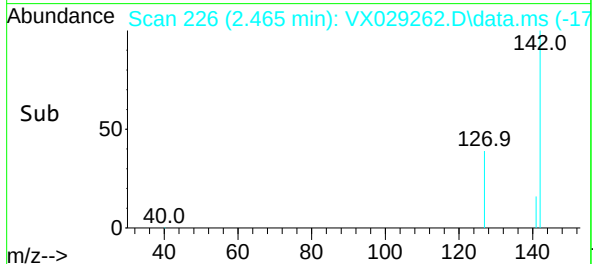
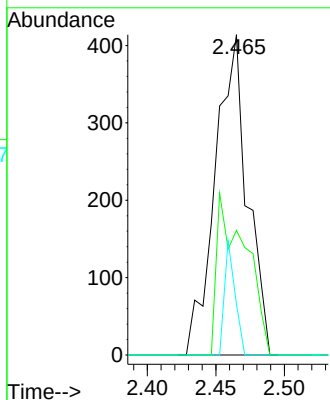
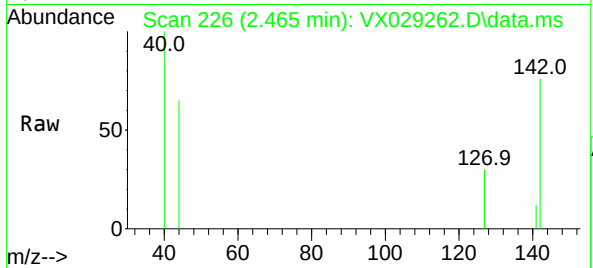




#10
Methyl Iodide
Concen: 4.405 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

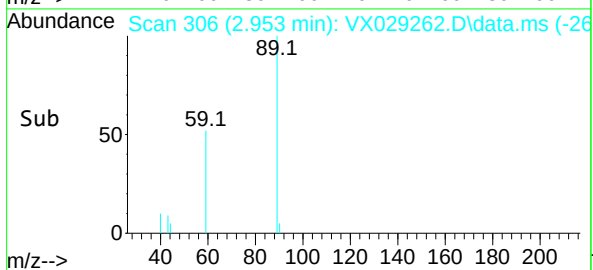
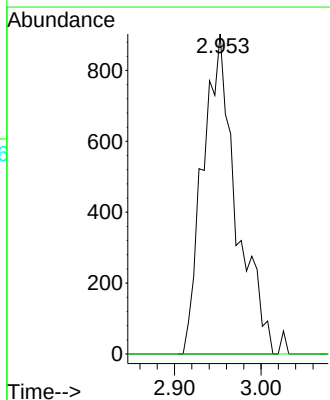
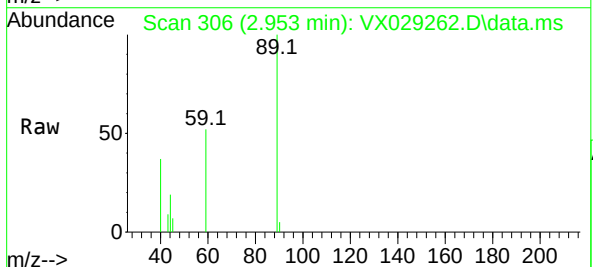
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220531

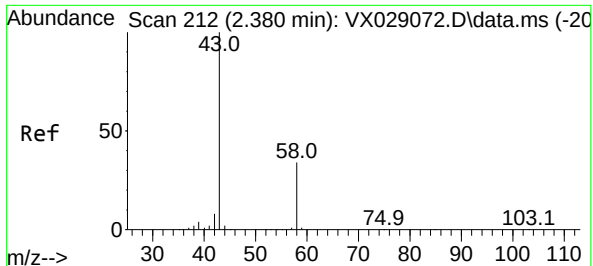
Tgt Ion:142 Resp: 675
Ion Ratio Lower Upper
142 100
127 45.0 33.9 50.9
141 11.6 11.4 17.2



#11
Tert butyl alcohol
Concen: 3.013 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

Tgt Ion: 59 Resp: 2413
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

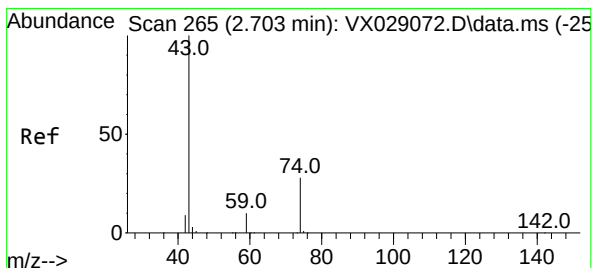
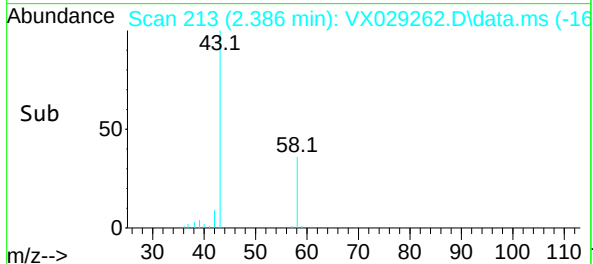
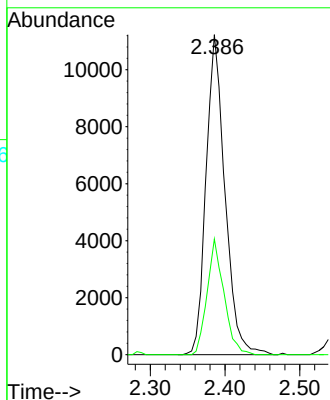
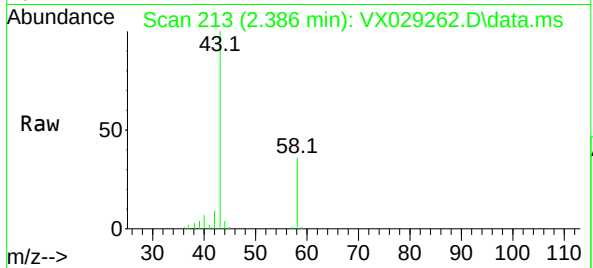




#16
Acetone
Concen: 14.499 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

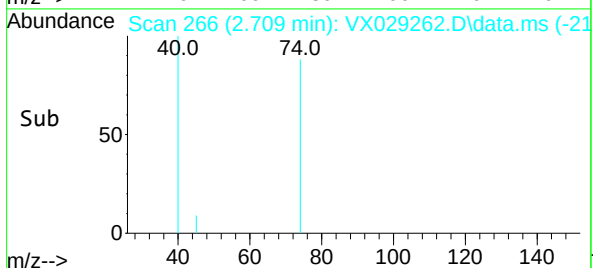
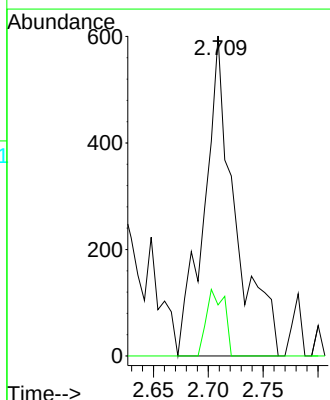
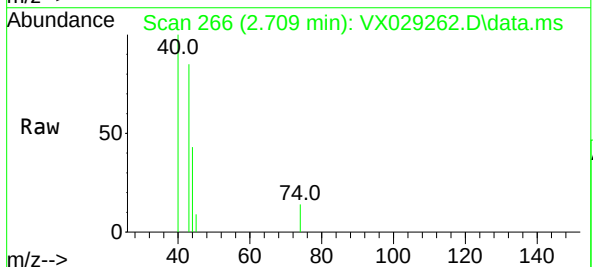
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220531

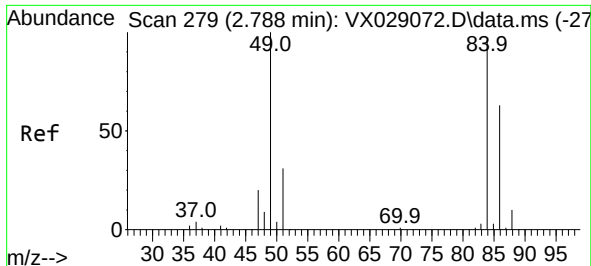
Tgt Ion: 43 Resp: 19736
Ion Ratio Lower Upper
43 100
58 36.1 28.8 43.2



#18
Methyl Acetate
Concen: 0.337 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

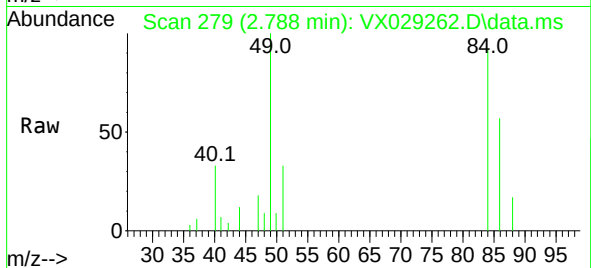
Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
74 12.0 22.8 34.2#



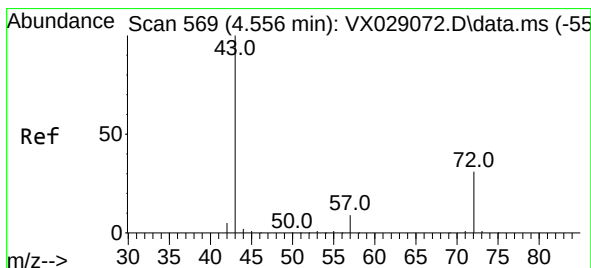
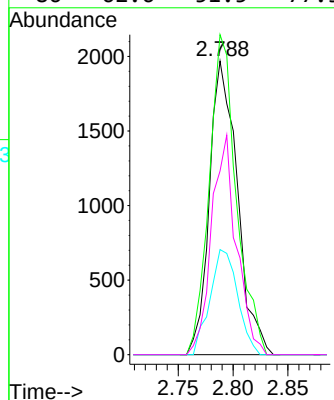


#20
Methylene Chloride
Concen: 1.101 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

Instrument :
MSVOA_X
ClientSampleId :
FB01-20220531

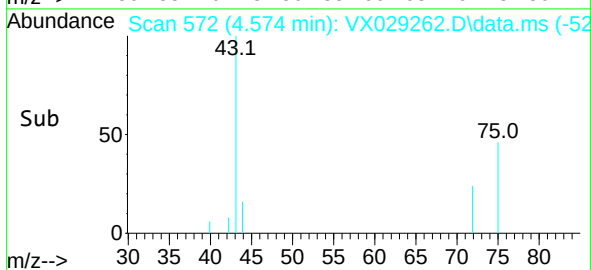
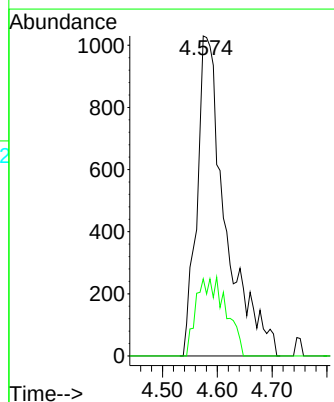
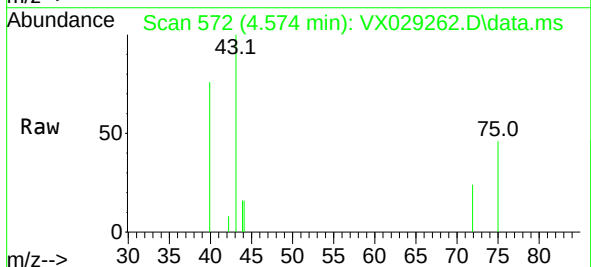


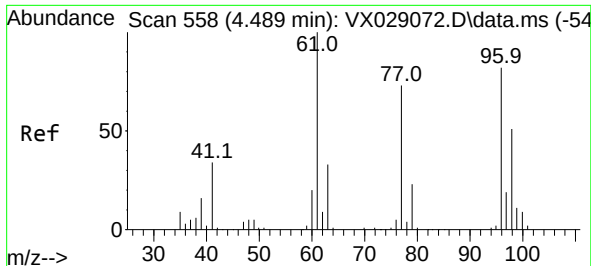
Tgt Ion:	84	Resp:	3494
Ion	Ratio	Lower	Upper
84	100		
49	109.0	85.5	128.3
51	35.8	26.6	39.8
86	62.6	51.5	77.3



#25
2-Butanone
Concen: 1.701 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

Tgt Ion:	43	Resp:	3735
Ion	Ratio	Lower	Upper
43	100		
72	24.1	24.4	36.6#





#27

cis-1,2-Dichloroethene

Concen: 0.799 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX029262.D

Acq: 07 Jun 2022 01:39

Instrument :

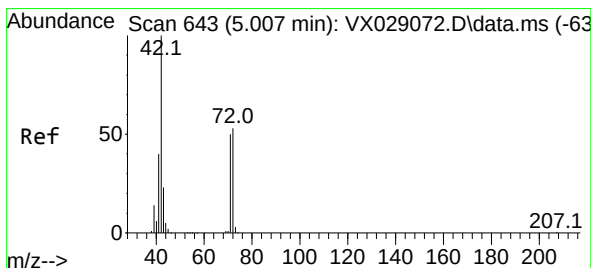
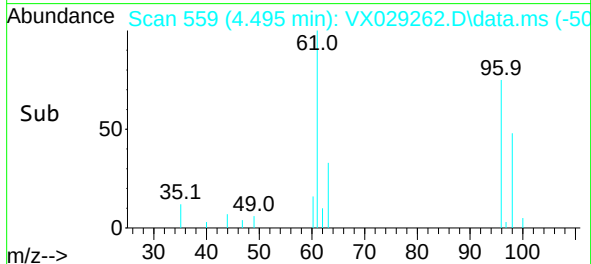
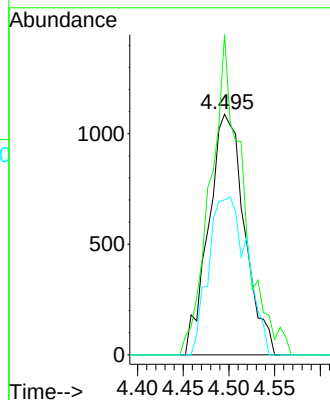
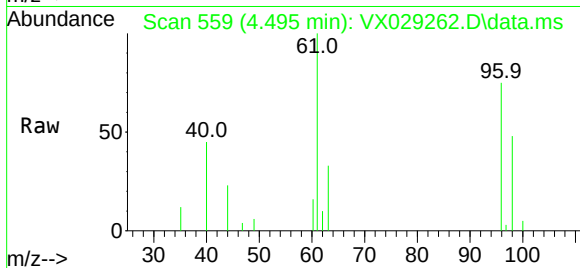
MSVOA_X

ClientSampleId :

FB01-20220531

Tgt Ion: 96 Resp: 2970

Ion	Ratio	Lower	Upper
96	100		
61	120.5	0.0	283.8
98	70.4	0.0	129.8



#29

Tetrahydrofuran

Concen: 0.388 ug/l

RT: 5.044 min Scan# 649

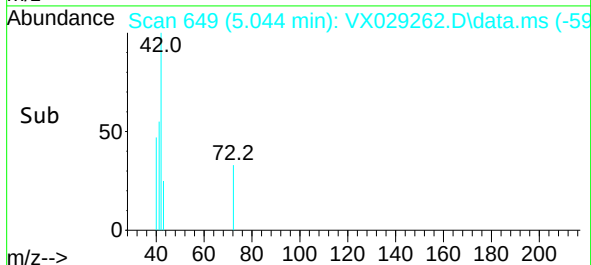
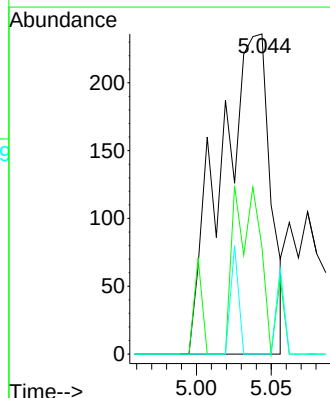
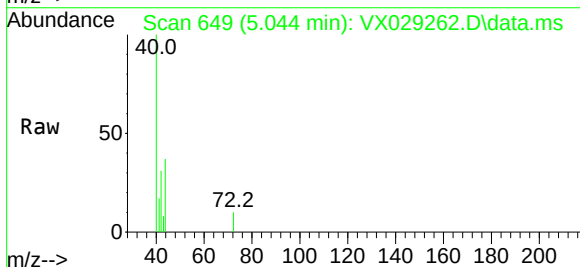
Delta R.T. 0.037 min

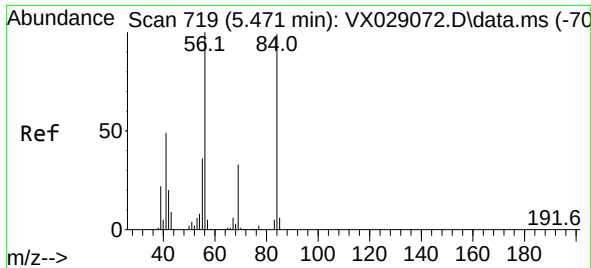
Lab File: VX029262.D

Acq: 07 Jun 2022 01:39

Tgt Ion: 42 Resp: 547

Ion	Ratio	Lower	Upper
42	100		
72	0.0	44.1	66.1#
71	4.2	40.5	60.7#

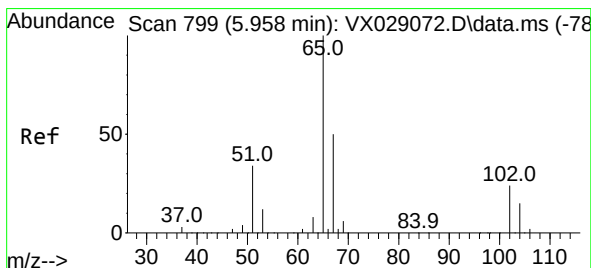
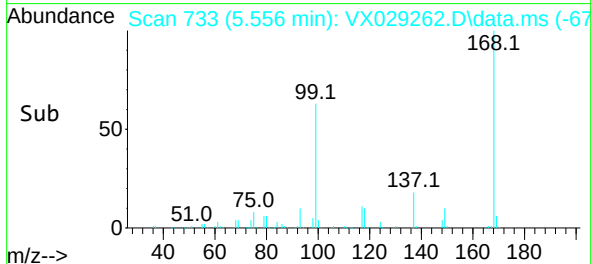
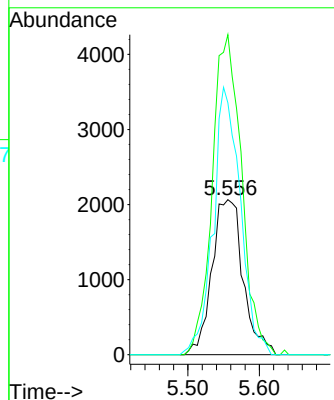
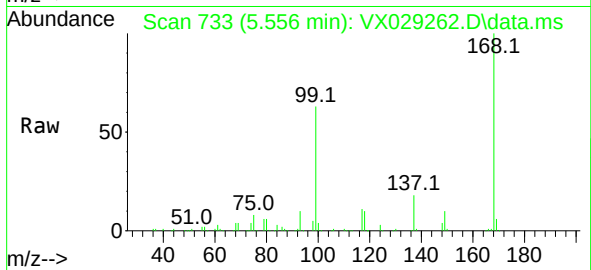




#31
Cyclohexane
Concen: 1.393 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

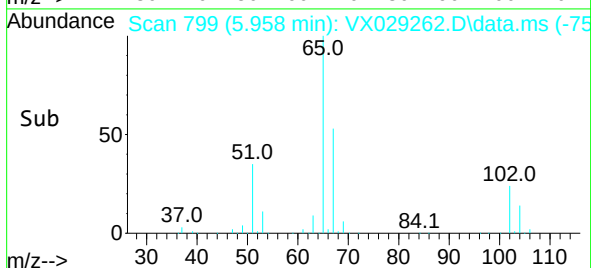
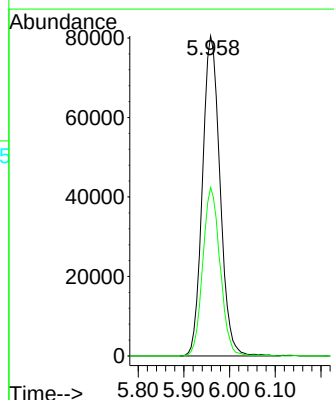
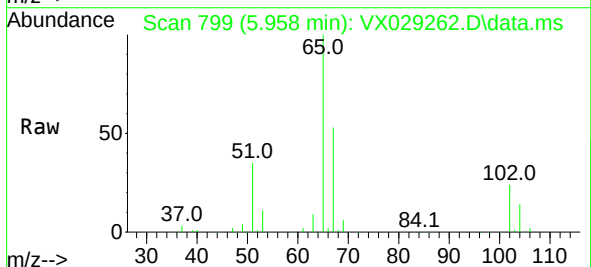
Instrument :
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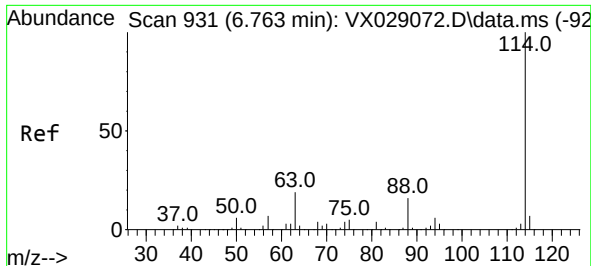
Tgt Ion: 56 Resp: 6259
Ion Ratio Lower Upper
56 100
69 206.3 26.7 40.1#
84 162.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 62.286 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

Tgt Ion: 65 Resp: 215311
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

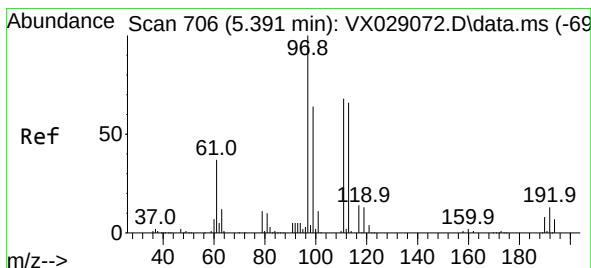
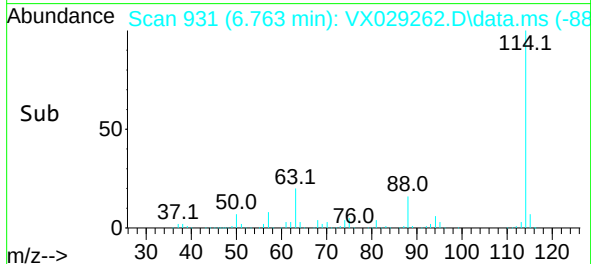
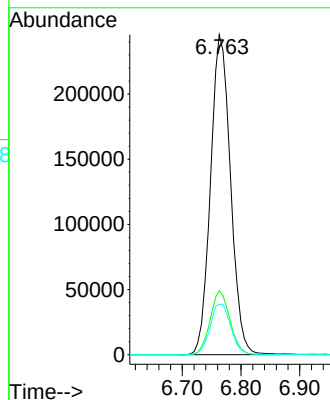
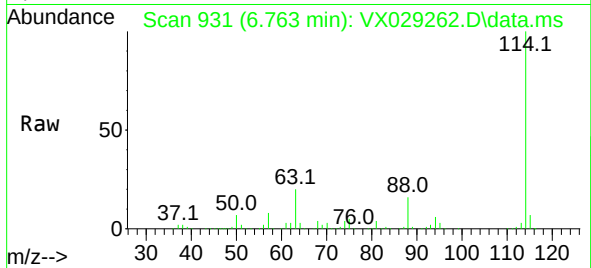




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

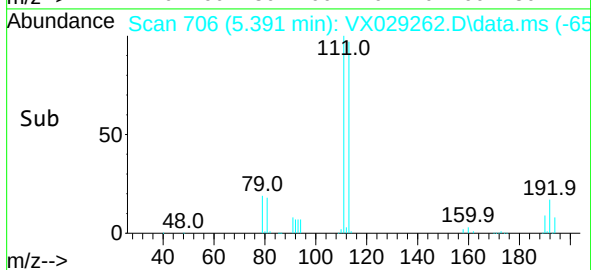
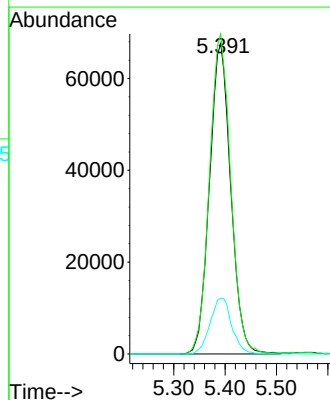
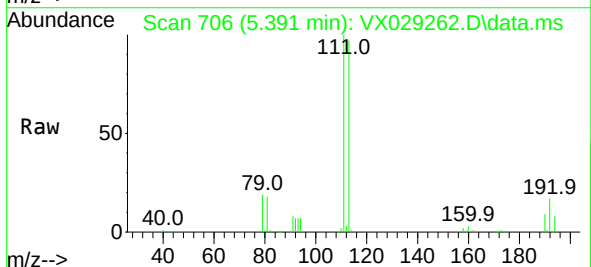
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220531

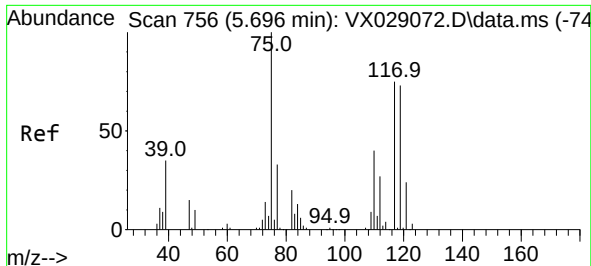
Tgt Ion:114 Resp: 580572
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.344 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

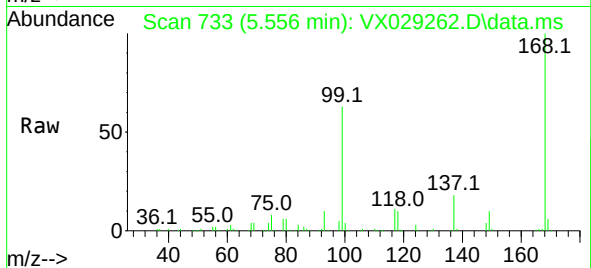
Tgt Ion:113 Resp: 194143
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 18.3 16.9 25.3



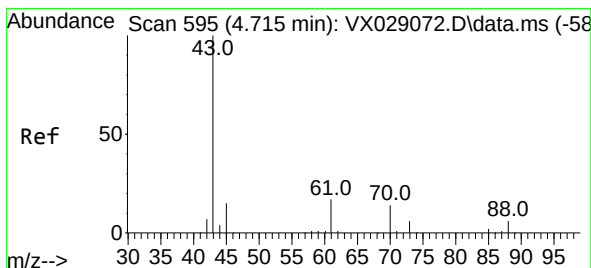
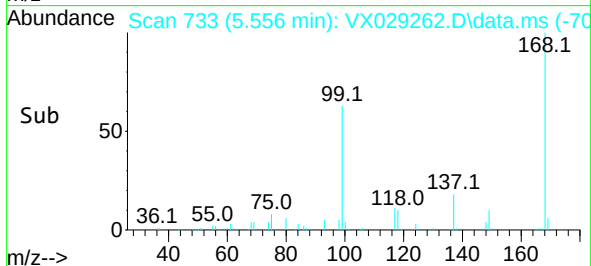
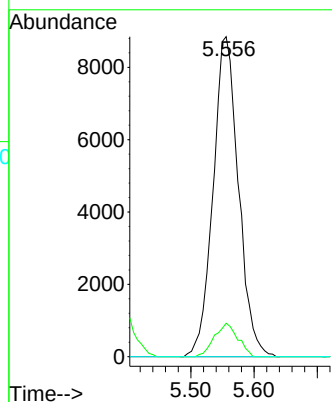


#36
1,1-Dichloropropene
Concen: 4.961 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

Instrument :
MSVOA_X
ClientSampleId :
FB01-20220531

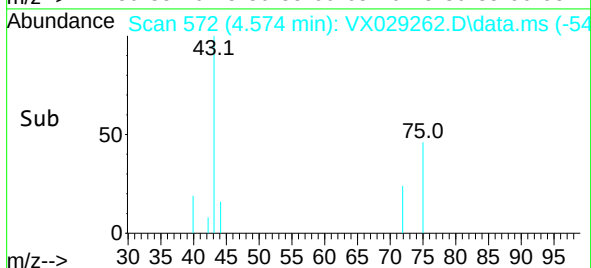
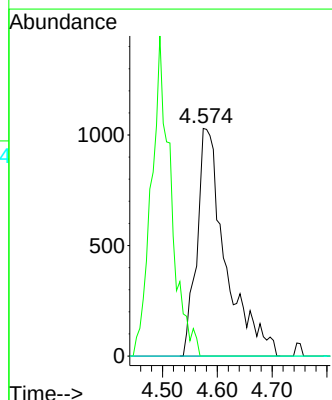
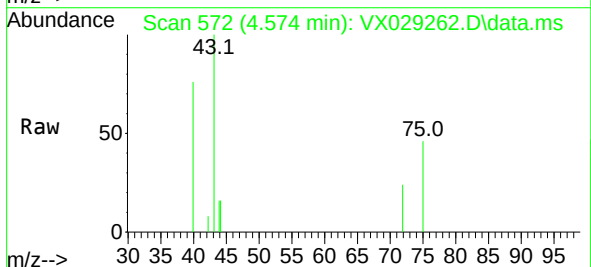


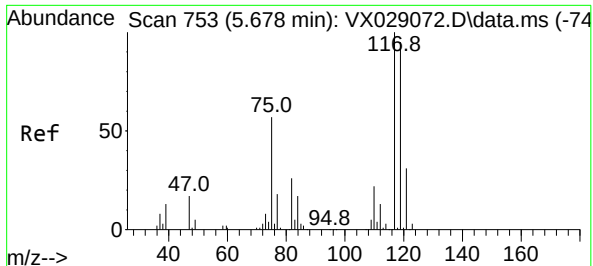
Tgt Ion: 75 Resp: 24614
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.777 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.141 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

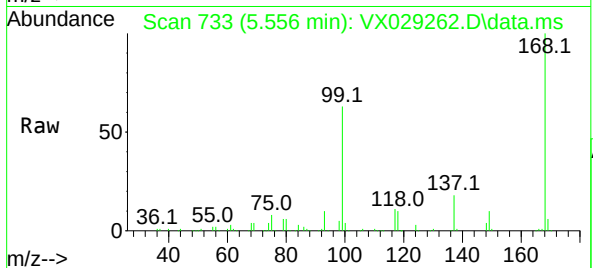
Tgt Ion: 43 Resp: 3735
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 10.2 15.2#



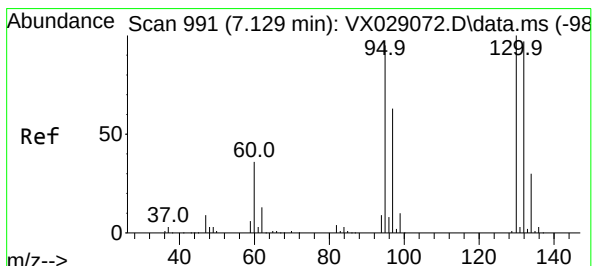
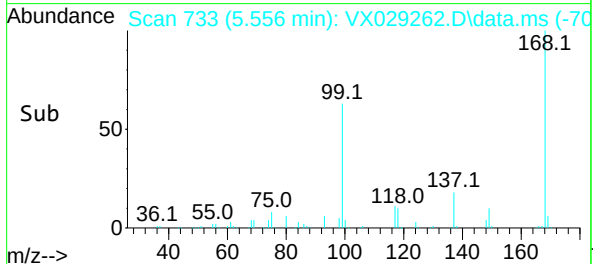
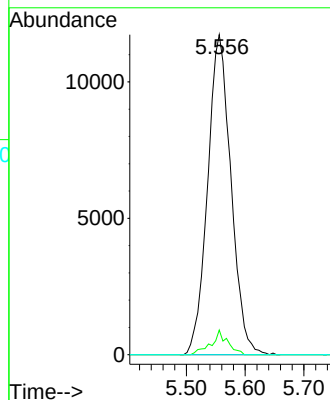


#38
Carbon Tetrachloride
Concen: 5.714 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

Instrument :
MSVOA_X
ClientSampleId :
FB01-20220531

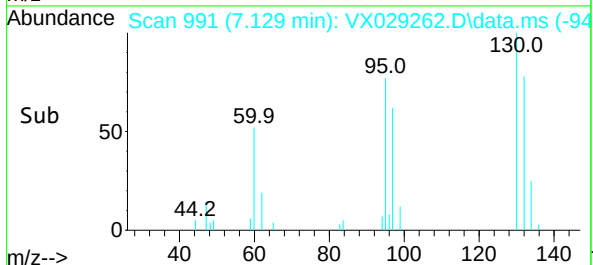
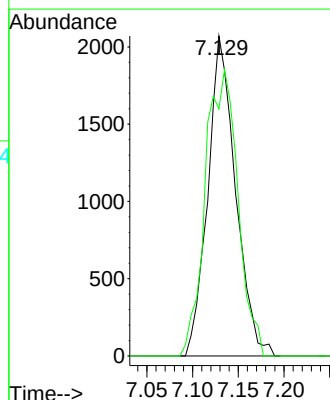
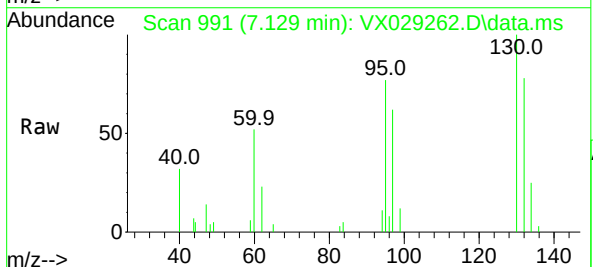


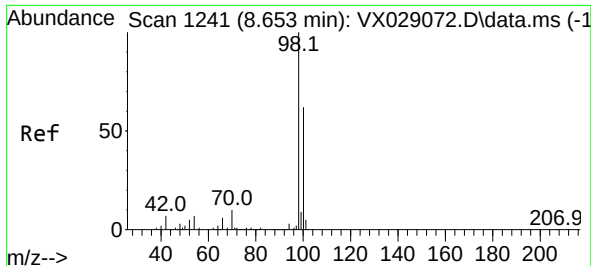
Tgt Ion:117 Resp: 32404
Ion Ratio Lower Upper
117 100
119 7.7 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.304 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

Tgt Ion:130 Resp: 4367
Ion Ratio Lower Upper
130 100
95 77.2 0.0 188.8

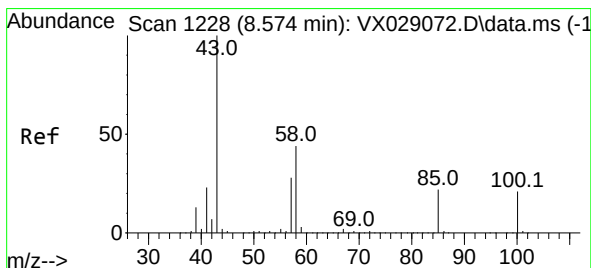
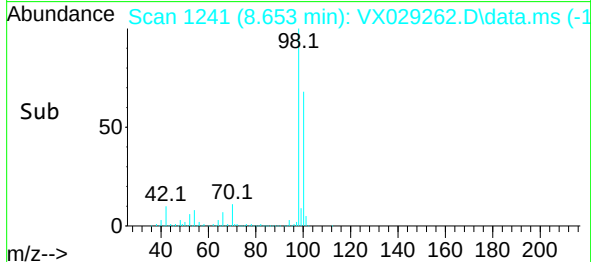
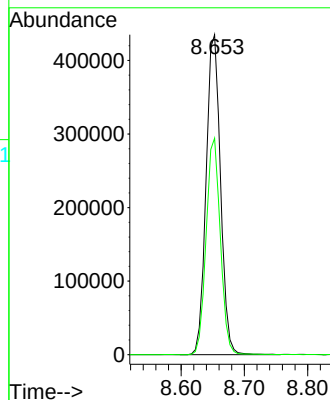
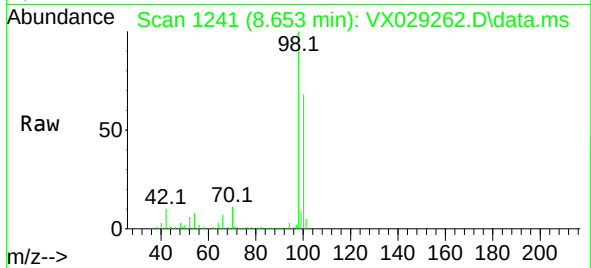




#50
Toluene-d8
Concen: 48.955 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

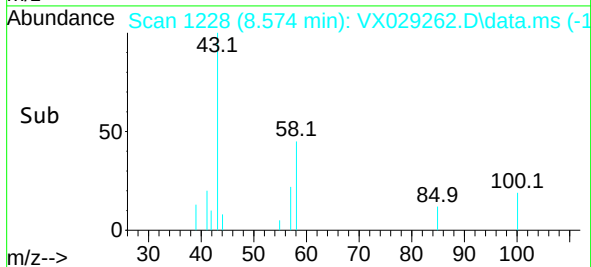
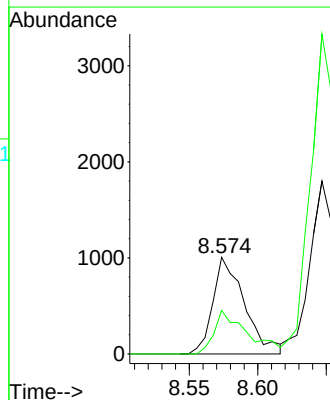
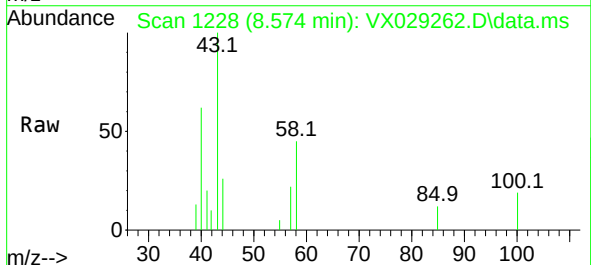
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220531

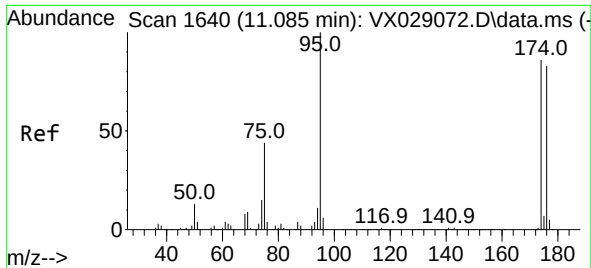
Tgt Ion: 98 Resp: 690471
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.324 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

Tgt Ion: 43 Resp: 1621
Ion Ratio Lower Upper
43 100
58 46.7 36.1 54.1

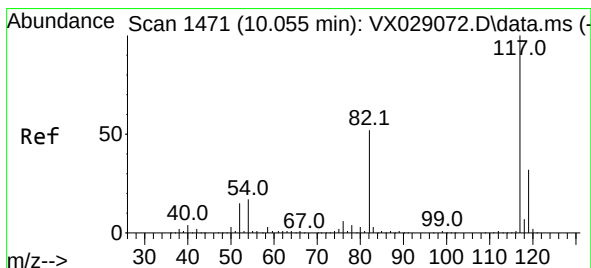
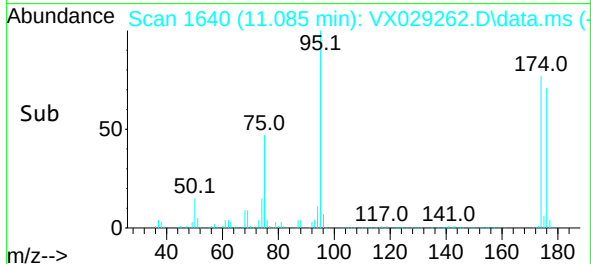
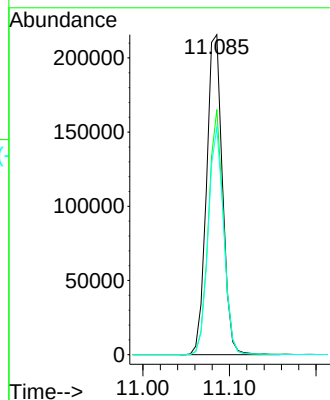
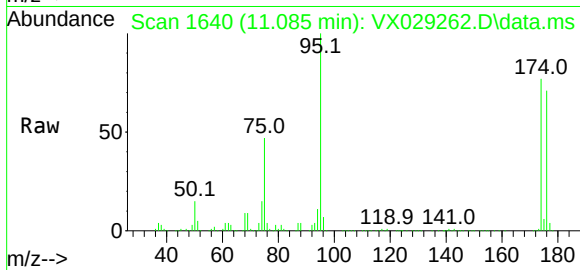




#62
4-Bromofluorobenzene
Concen: 50.671 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

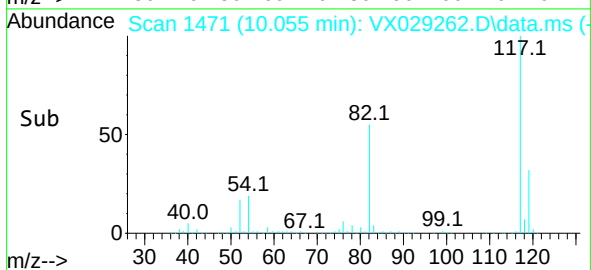
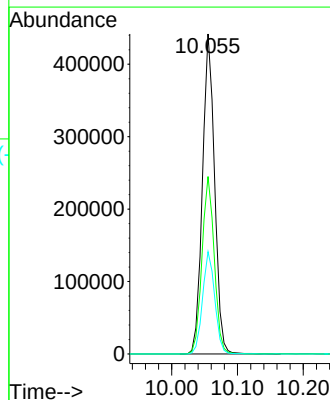
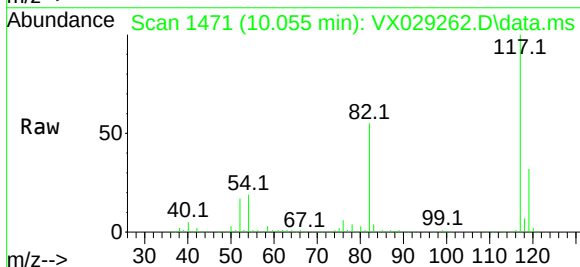
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220531

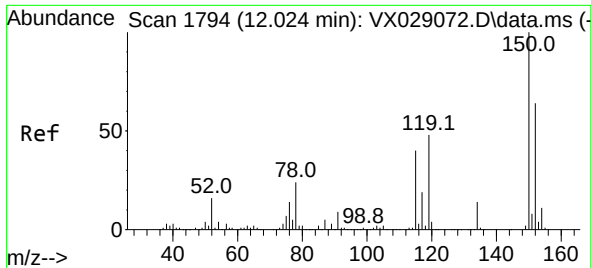
Tgt Ion: 95 Resp: 276256
Ion Ratio Lower Upper
95 100
174 72.0 0.0 163.0
176 68.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029262.D
Acq: 07 Jun 2022 01:39

Tgt Ion: 117 Resp: 566456
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 31.9 24.8 37.2

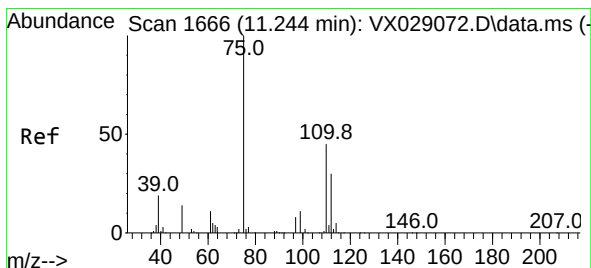
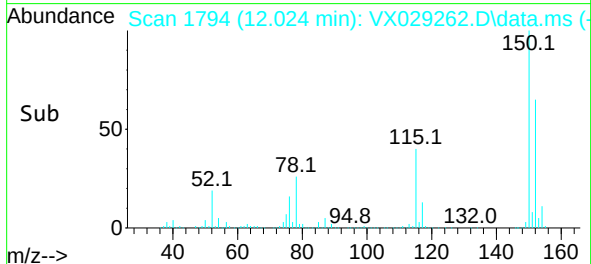
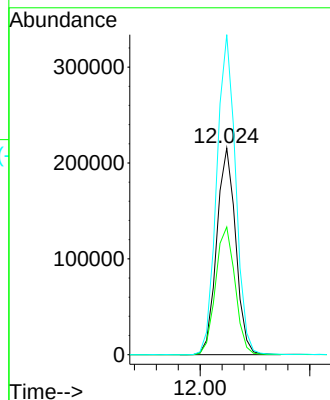
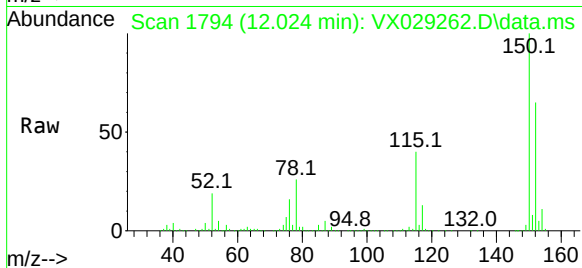




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029262.D
 Acq: 07 Jun 2022 01:39

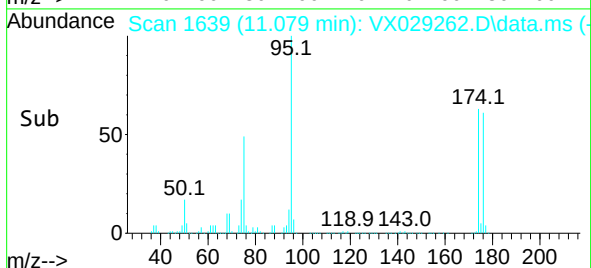
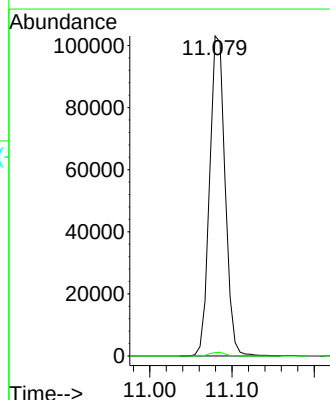
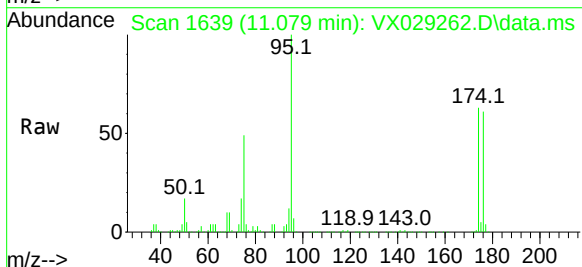
Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20220531

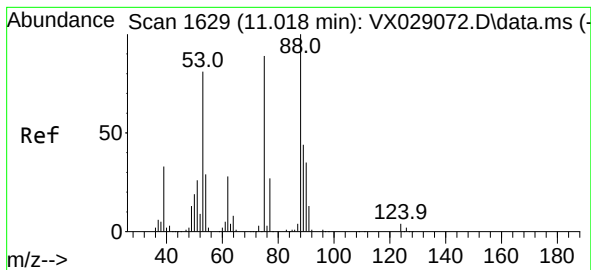
Tgt Ion:152 Resp: 259305
 Ion Ratio Lower Upper
 152 100
 115 63.8 37.5 112.7
 150 154.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 25.675 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029262.D
 Acq: 07 Jun 2022 01:39

Tgt Ion: 75 Resp: 134960
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.324 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029262.D
 Acq: 07 Jun 2022 01:39

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20220531

Tgt Ion: 75 Resp: 134960
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

