

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029147.D
 Acq On : 02 Jun 2022 19:49
 Operator : JC/MD
 Sample : N3022-08 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20220525

Quant Time: Jun 03 04:34:01 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)

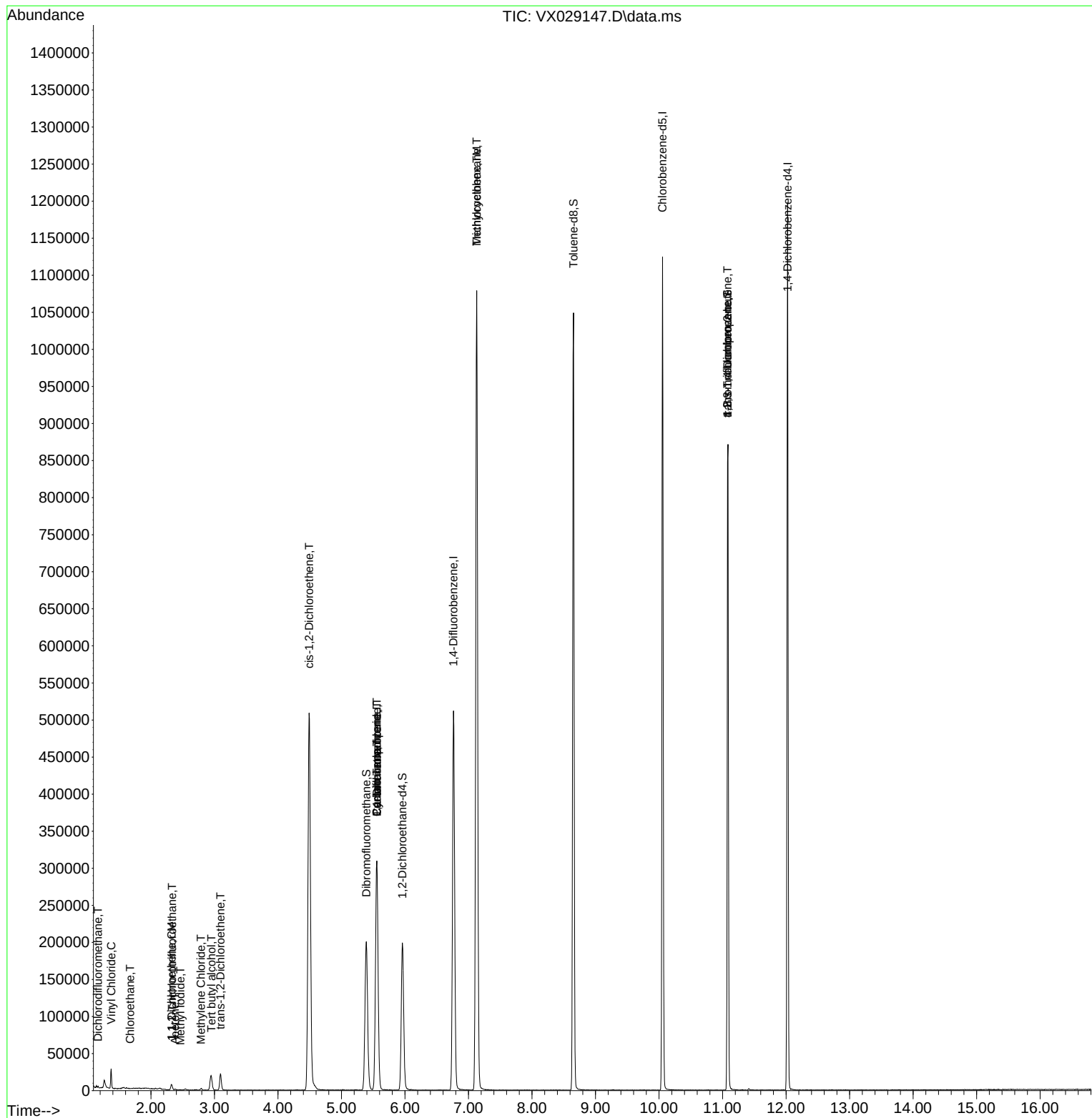
Internal Standards						
1) Pentafluorobenzene	5.556	168	292593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	541649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	522193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	242443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191678	58.095	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	116.180%
35) Dibromofluoromethane	5.391	113	181931	50.568	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.140%
50) Toluene-d8	8.653	98	637298	48.432	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.860%
62) 4-Bromofluorobenzene	11.079	95	251354	49.416	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.840%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1366	0.537	ug/l	90
4) Vinyl Chloride	1.374	62	16156	5.519	ug/l	98
5) Bromomethane	1.611	94	799	Below Cal	#	60
6) Chloroethane	1.672	64	231	1.493	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	1244	0.461	ug/l #	81
10) Methyl Iodide	2.465	142	391	4.335	ug/l #	81
11) Tert butyl alcohol	2.953	59	11255	14.725	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	1876	0.711	ug/l #	77
16) Acetone	2.380	43	1343	1.034	ug/l	93
20) Methylene Chloride	2.788	84	938	0.310	ug/l #	90
21) trans-1,2-Dichloroethene	3.093	96	9230	3.102	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	343499	96.814	ug/l	87
31) Cyclohexane	5.556	56	5365	1.251	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	21590	4.664	ug/l #	50
38) Carbon Tetrachloride	5.556	117	31464	5.947	ug/l #	15
39) Methylcyclohexane	7.129	83	4853	0.848	ug/l #	1
44) Trichloroethene	7.129	130	431961	107.074	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	123437	25.116	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	123437	73.685	ug/l #	15

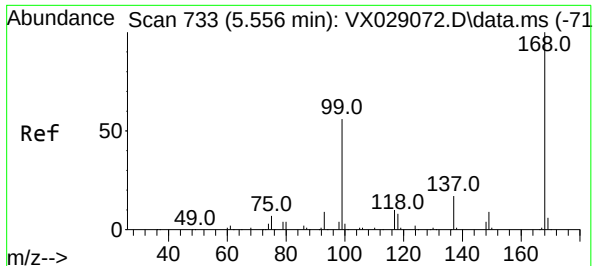
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

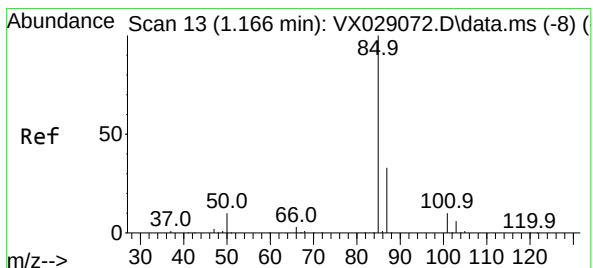
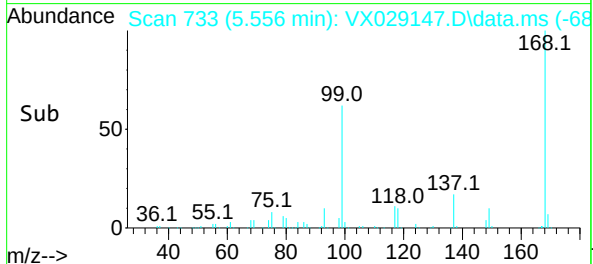
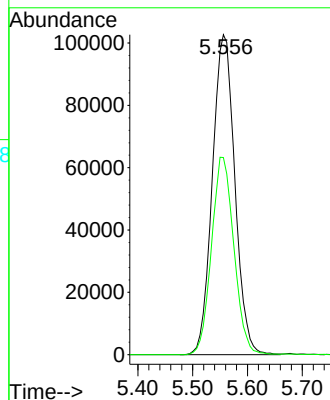
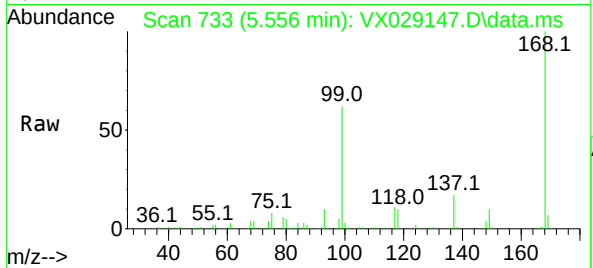




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

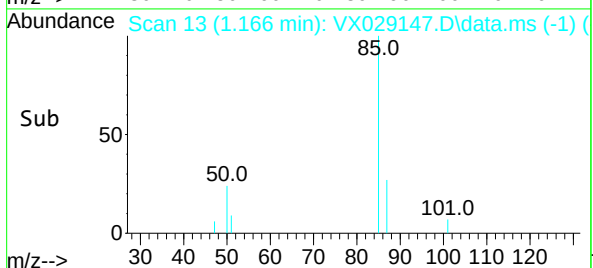
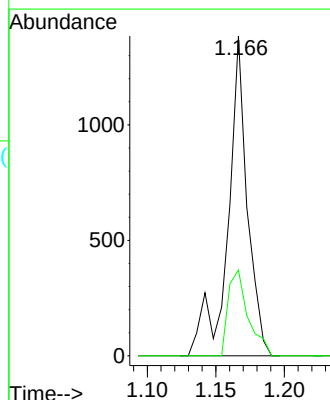
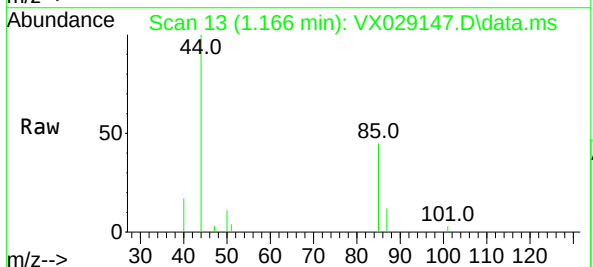
Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

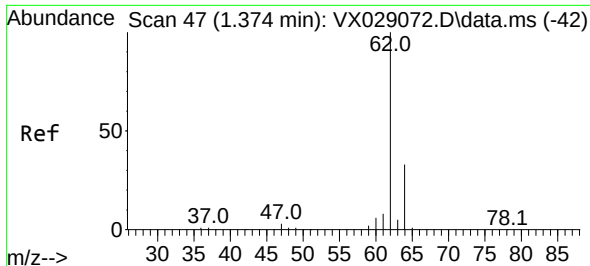
Tgt Ion:168 Resp: 292593
Ion Ratio Lower Upper
168 100
99 61.6 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.537 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

Tgt Ion: 85 Resp: 1366
Ion Ratio Lower Upper
85 100
87 26.9 16.2 48.6

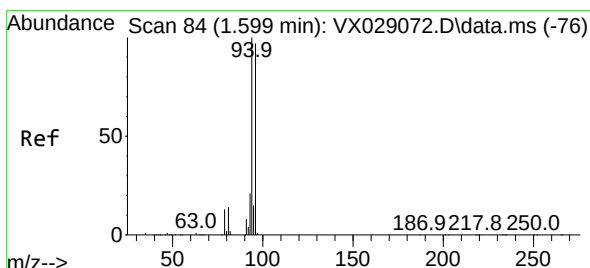
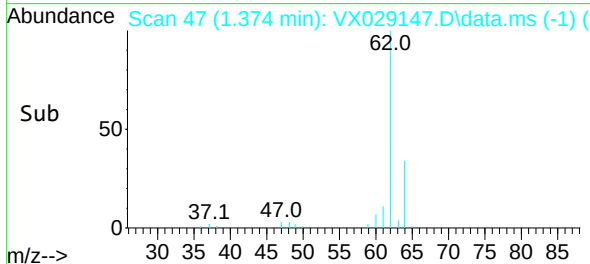
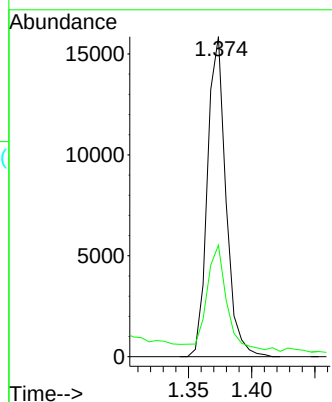
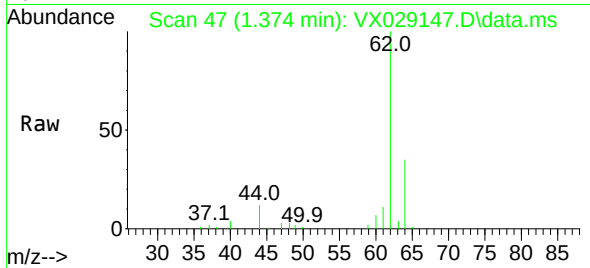




#4
 Vinyl Chloride
 Concen: 5.519 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029147.D
 Acq: 02 Jun 2022 19:49

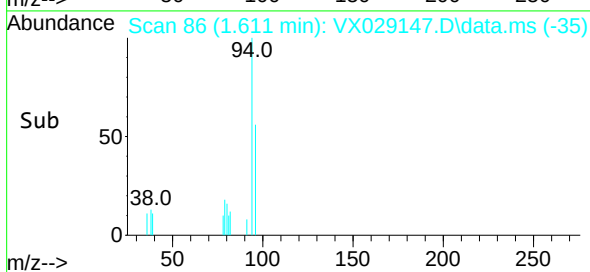
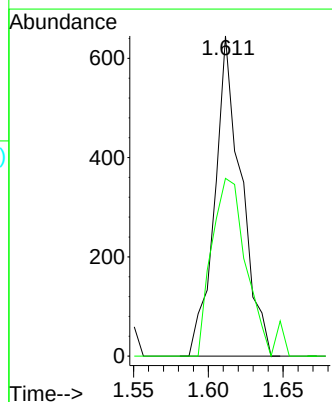
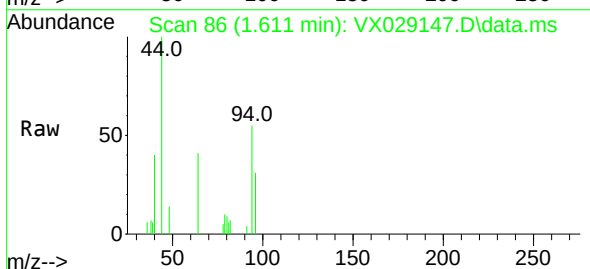
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20220525

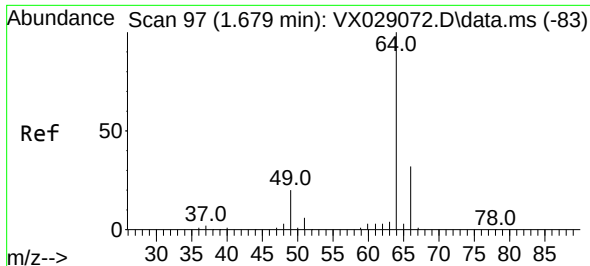
Tgt Ion: 62 Resp: 16156
 Ion Ratio Lower Upper
 62 100
 64 33.2 25.5 38.3



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX029147.D
 Acq: 02 Jun 2022 19:49

Tgt Ion: 94 Resp: 799
 Ion Ratio Lower Upper
 94 100
 96 55.5 75.3 112.9#

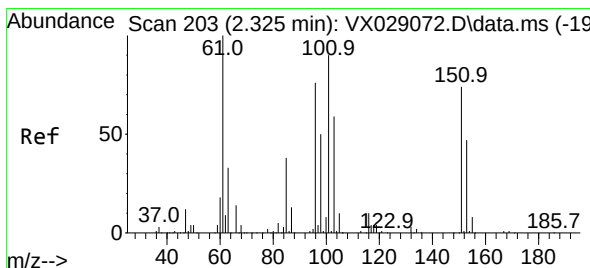
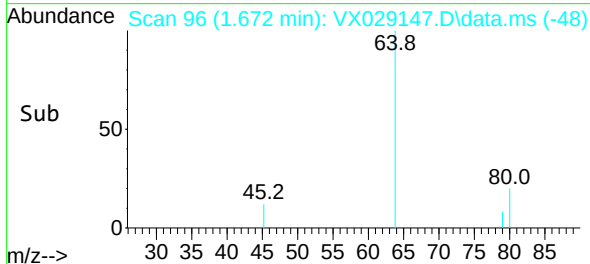
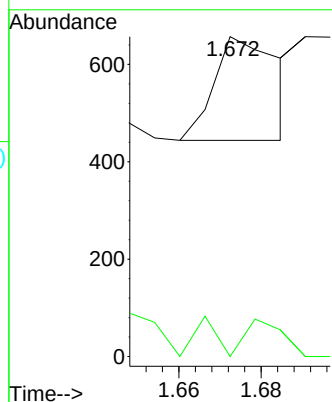
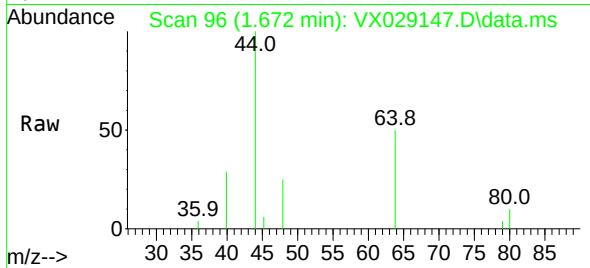




#6
Chloroethane
Concen: 1.493 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.007 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

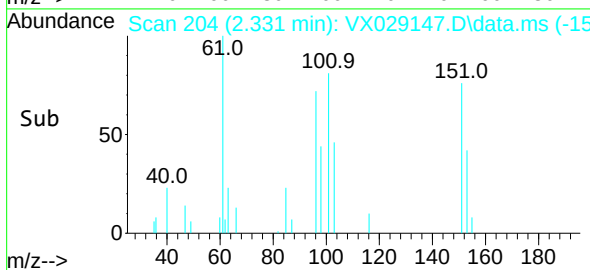
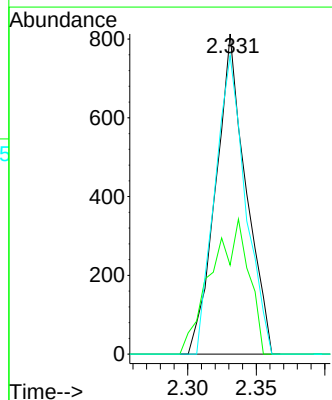
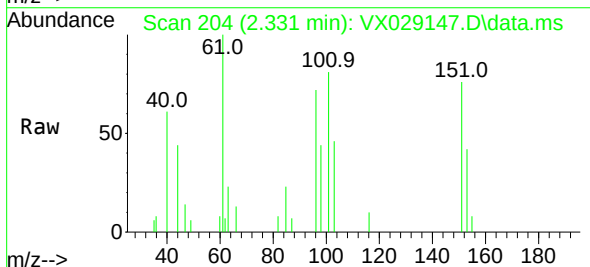
Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

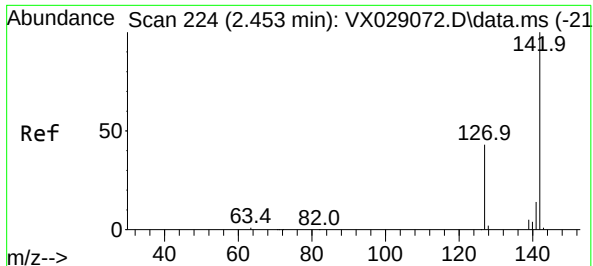
Tgt Ion: 64 Resp: 231
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.461 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

Tgt Ion: 101 Resp: 1244
Ion Ratio Lower Upper
101 100
85 52.3 33.5 50.3#
151 94.2 61.8 92.6#

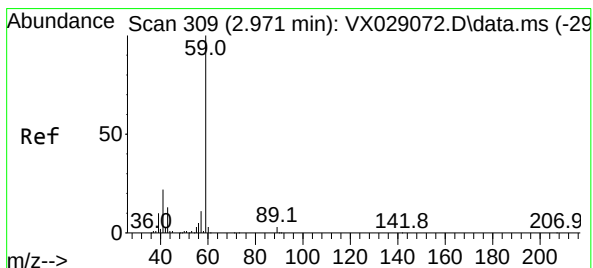
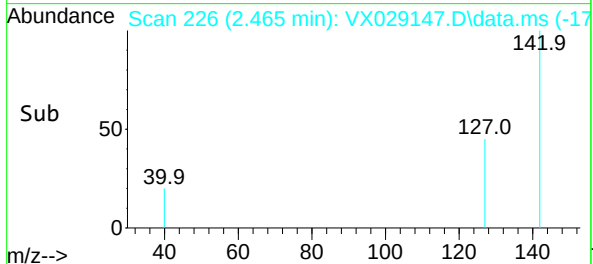
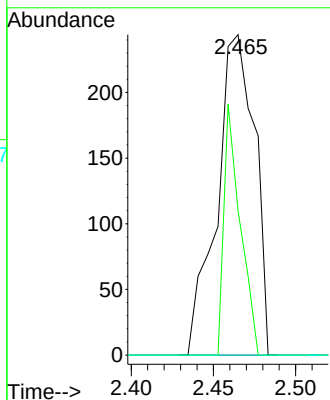
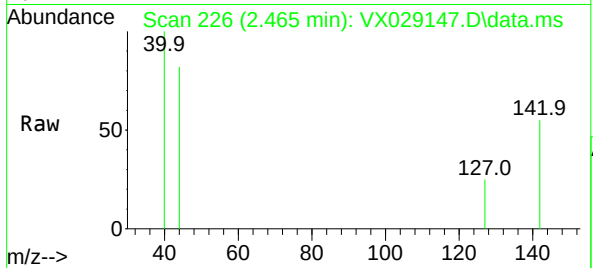




#10
Methyl Iodide
Concen: 4.335 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

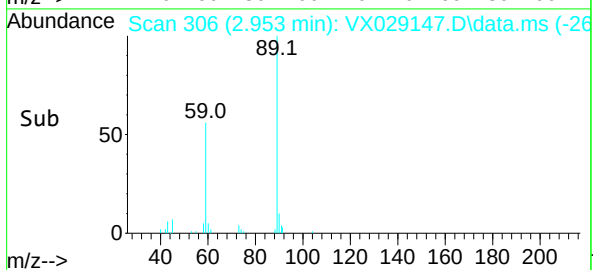
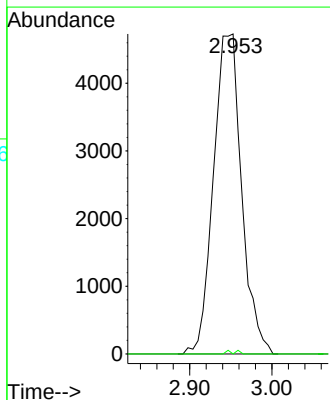
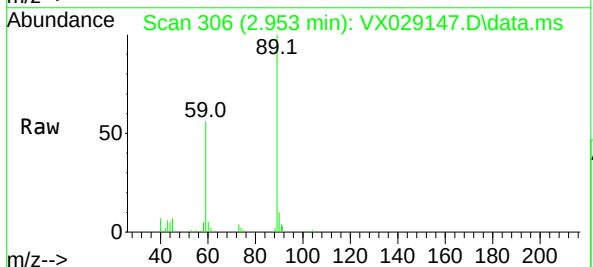
Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

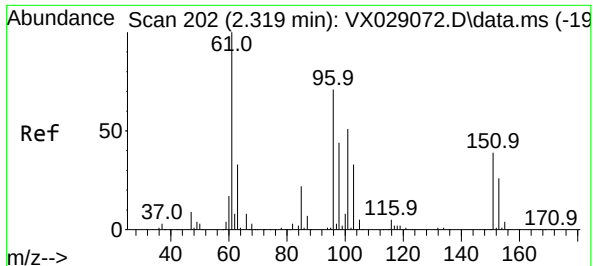
Tgt Ion:142 Resp: 391
Ion Ratio Lower Upper
142 100
127 33.8 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 14.725 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

Tgt Ion: 59 Resp: 11255
Ion Ratio Lower Upper
59 100
57 0.4 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.711 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX029147.D

Acq: 02 Jun 2022 19:49

Instrument :

MSVOA_X

ClientSampleId :

15BR-20220525

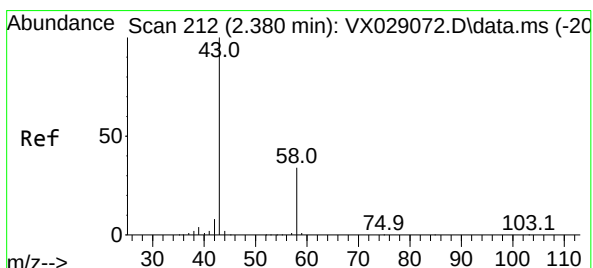
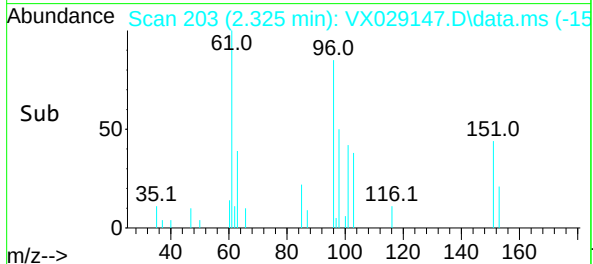
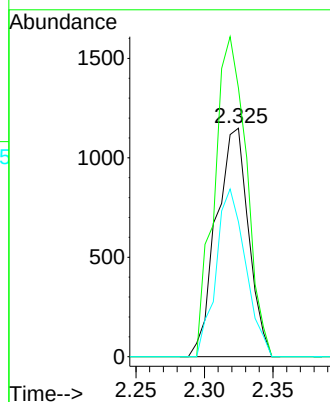
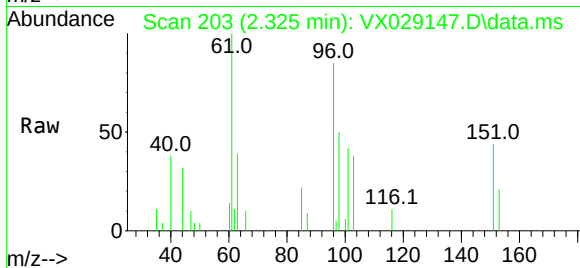
Tgt Ion: 96 Resp: 1876

Ion Ratio Lower Upper

96 100

61 117.6 124.6 187.0#

98 59.0 51.0 76.4



#16

Acetone

Concen: 1.034 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX029147.D

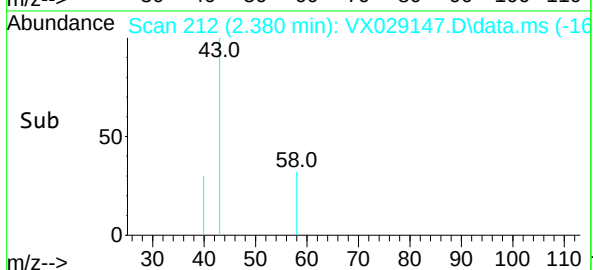
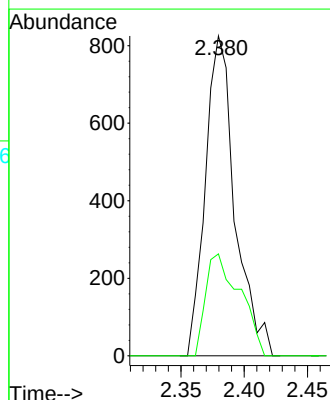
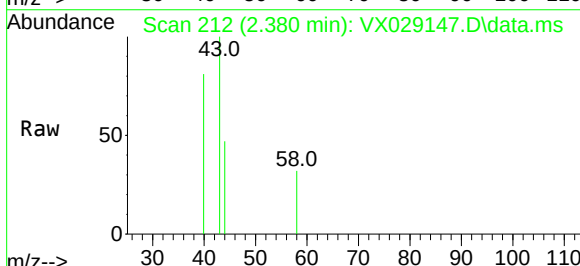
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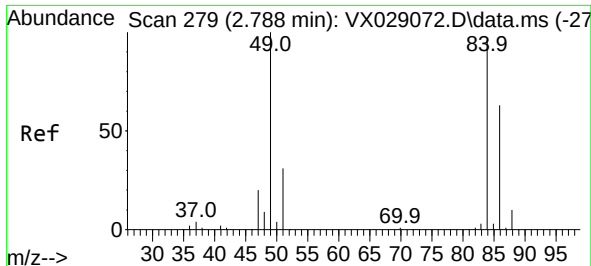
Tgt Ion: 43 Resp: 1343

Ion Ratio Lower Upper

43 100

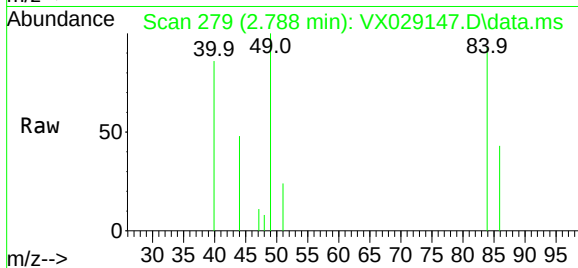
58 31.9 28.8 43.2



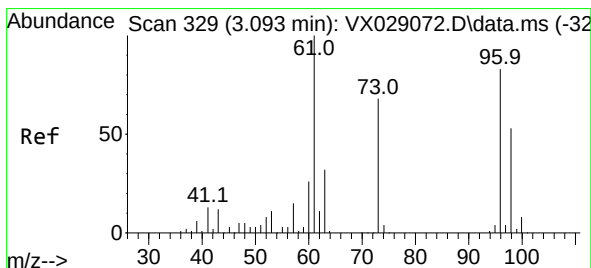
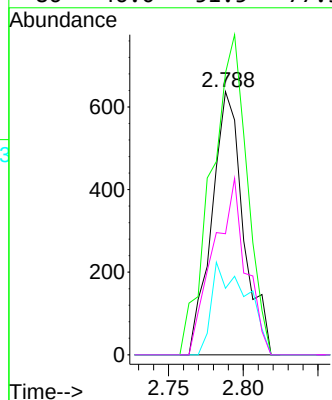


#20
Methylene Chloride
Concen: 0.310 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

Instrument :
MSVOA_X
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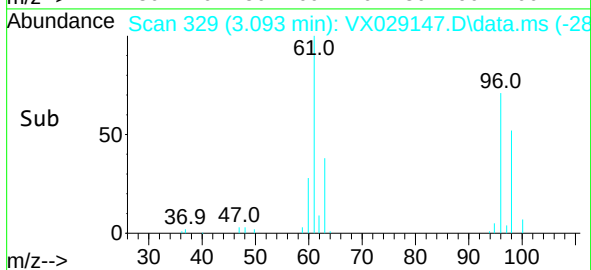
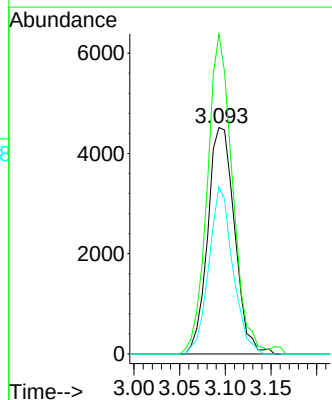
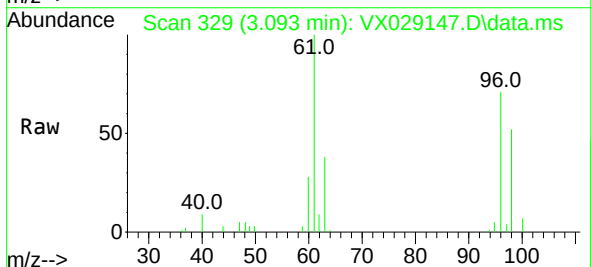


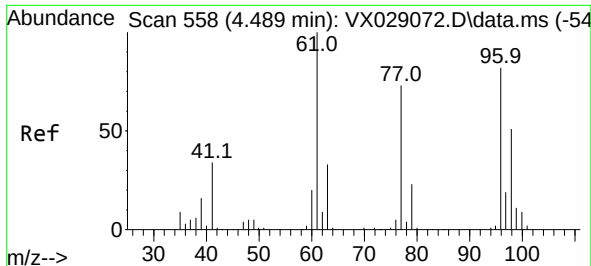
Tgt Ion:	84	Resp:	938
Ion	Ratio	Lower	Upper
84	100		
49	107.1	85.5	128.3
51	25.3	26.6	39.8#
86	46.0	51.5	77.3#



#21
trans-1,2-Dichloroethene
Concen: 3.102 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

Tgt Ion:	96	Resp:	9230
Ion	Ratio	Lower	Upper
96	100		
61	141.4	105.4	158.2
98	73.8	50.0	75.0

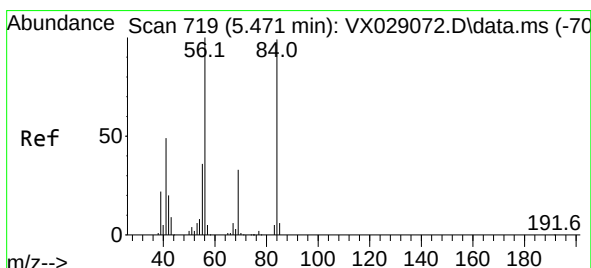
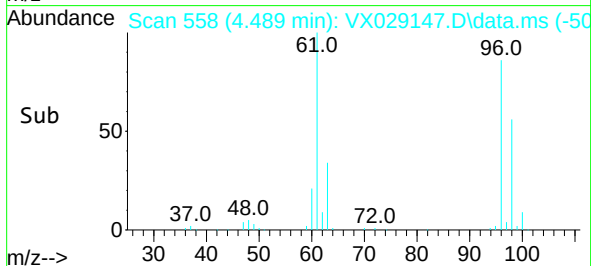
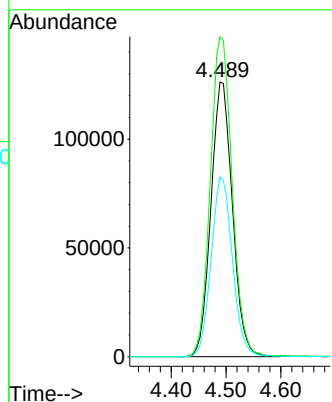
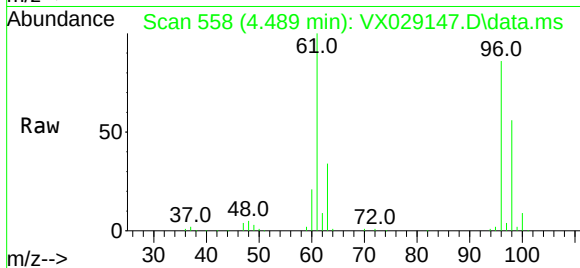




#27
 cis-1,2-Dichloroethene
 Concen: 96.814 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX029147.D
 Acq: 02 Jun 2022 19:49

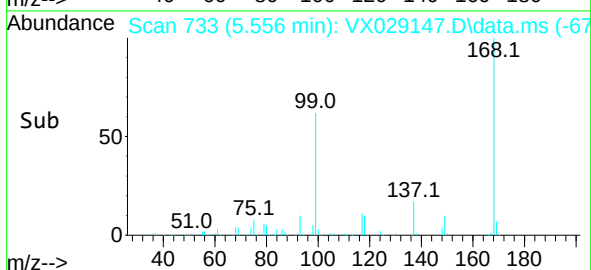
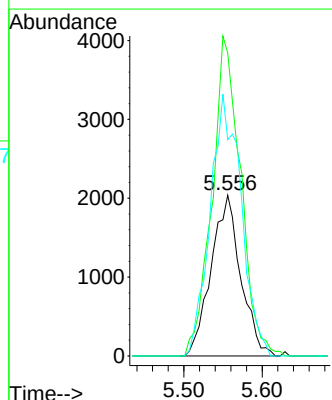
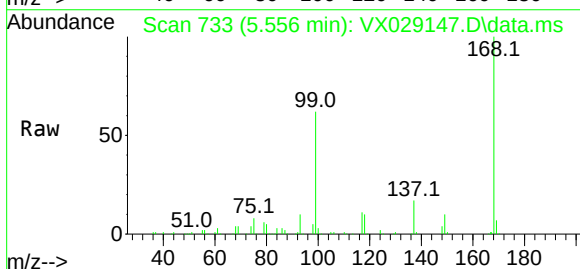
Instrument :
 MSVOA_X
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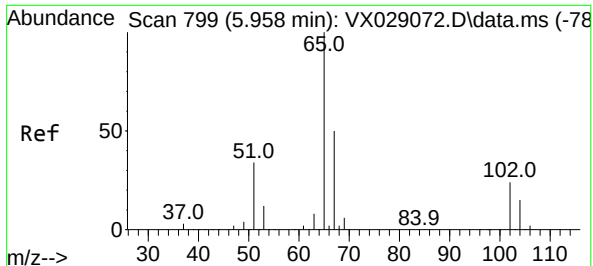
Tgt Ion: 96 Resp: 343499
 Ion Ratio Lower Upper
 96 100
 61 118.9 0.0 283.8
 98 65.1 0.0 129.8



#31
 Cyclohexane
 Concen: 1.251 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.085 min
 Lab File: VX029147.D
 Acq: 02 Jun 2022 19:49

Tgt Ion: 56 Resp: 5365
 Ion Ratio Lower Upper
 56 100
 69 188.2 26.7 40.1#
 84 134.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 58.095 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029147.D

Acq: 02 Jun 2022 19:49

Instrument :

MSVOA_X

ClientSampleId :

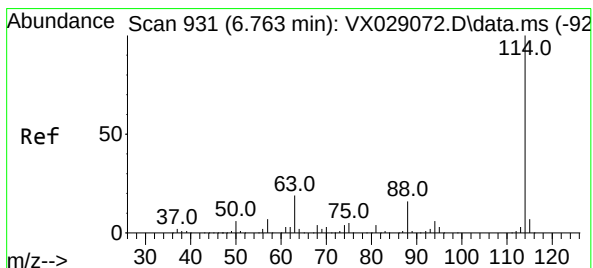
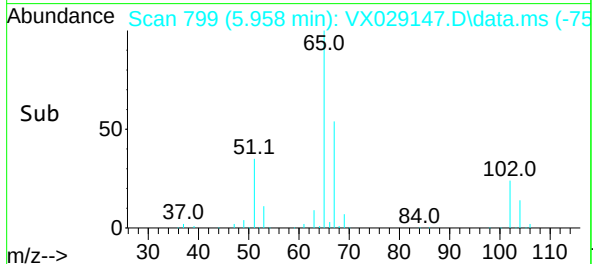
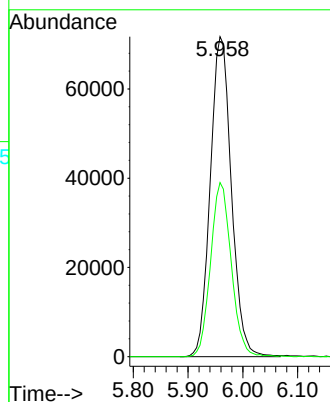
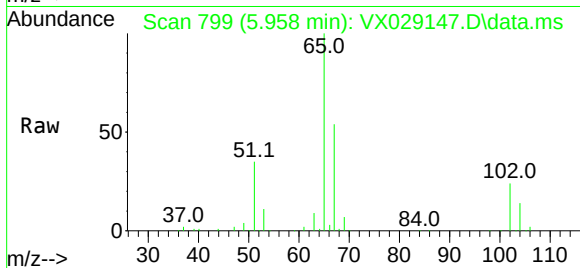
15BR-20220525

Tgt Ion: 65 Resp: 191678

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029147.D

Acq: 02 Jun 2022 19:49

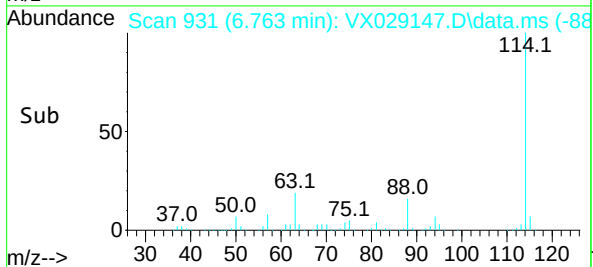
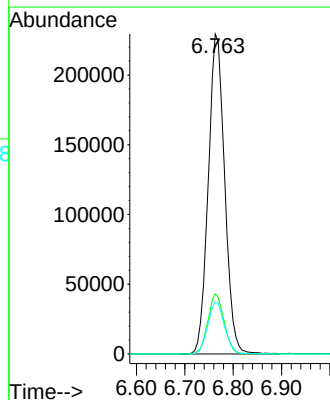
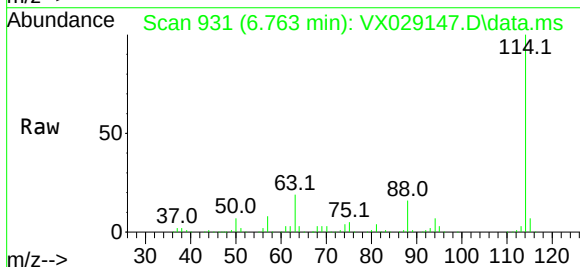
Tgt Ion: 114 Resp: 541649

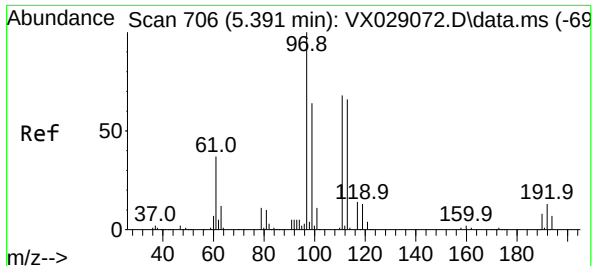
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

88 16.2 0.0 32.4

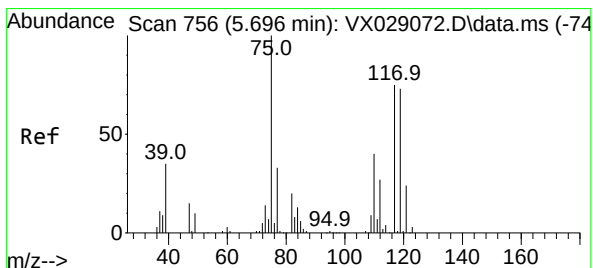
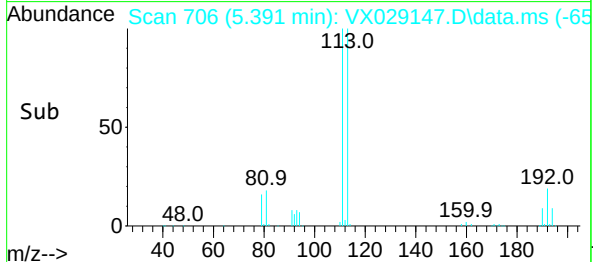
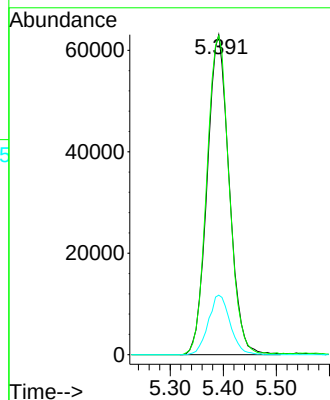
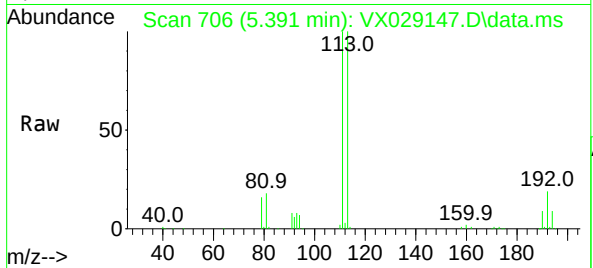




#35
Dibromofluoromethane
Concen: 50.568 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

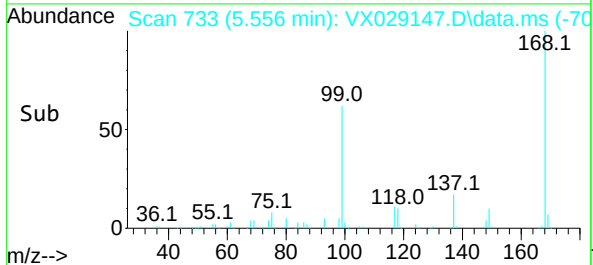
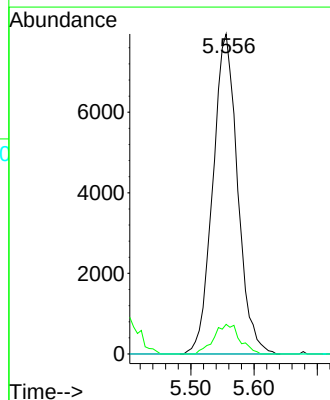
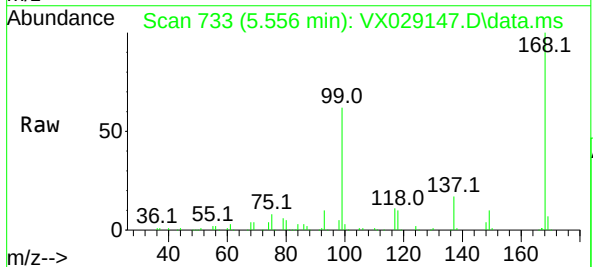
Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

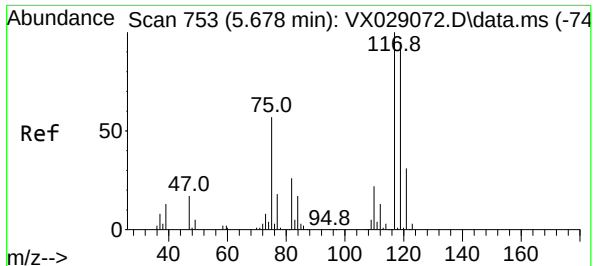
Tgt Ion:113 Resp: 181931
Ion Ratio Lower Upper
113 100
111 101.1 82.8 124.2
192 18.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.664 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

Tgt Ion: 75 Resp: 21590
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.947 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX029147.D

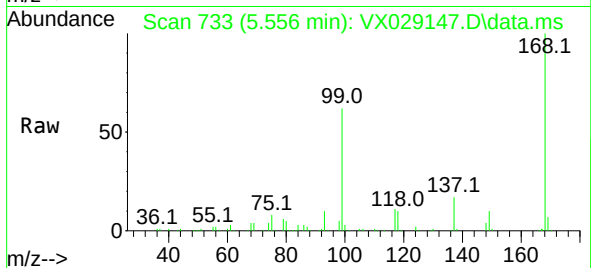
Acq: 02 Jun 2022 19:49

Instrument :

MSVOA_X

ClientSampleId :

15BR-20220525



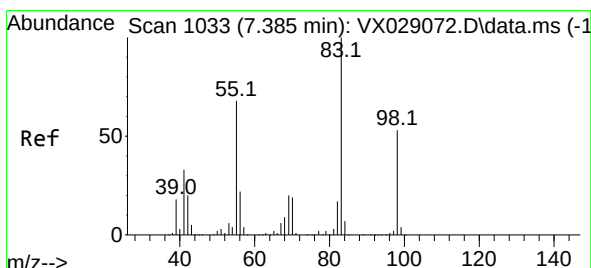
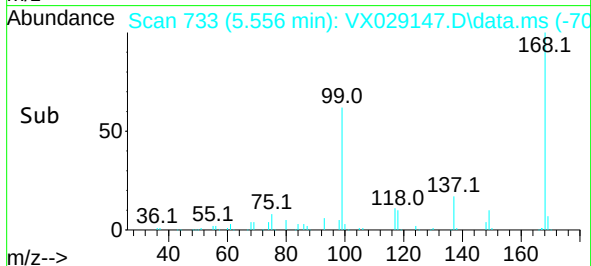
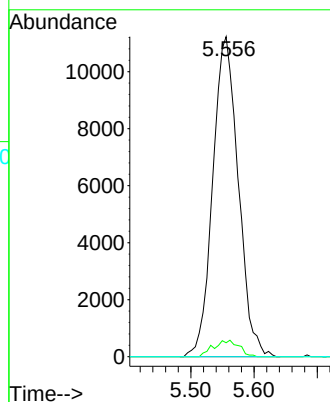
Tgt Ion:117 Resp: 31464

Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

121 0.0 24.2 36.2#



#39

Methylcyclohexane

Concen: 0.848 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX029147.D

Acq: 02 Jun 2022 19:49

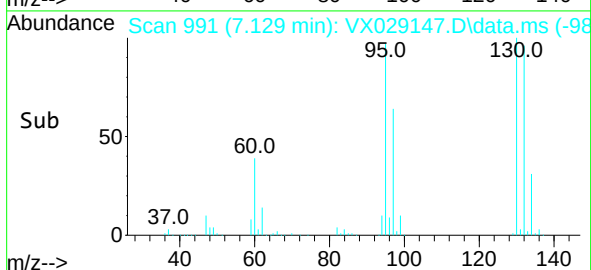
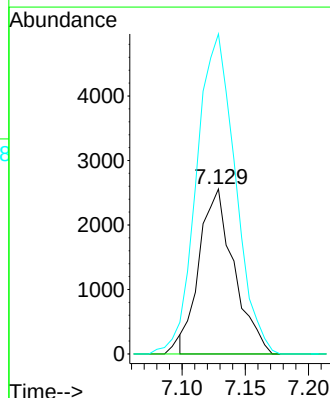
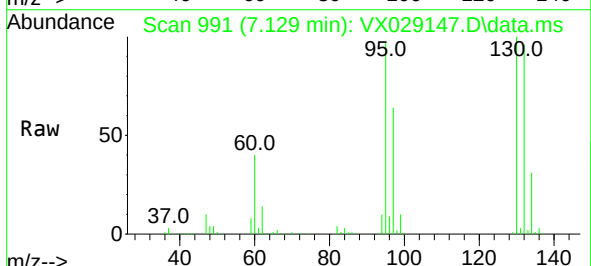
Tgt Ion: 83 Resp: 4853

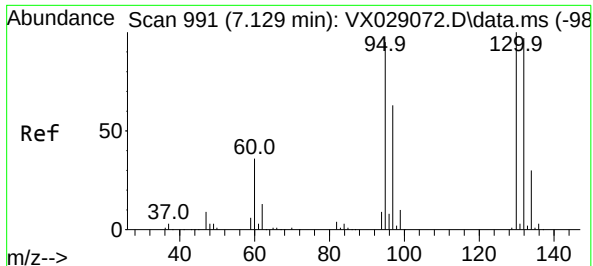
Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 193.9 37.4 56.2#

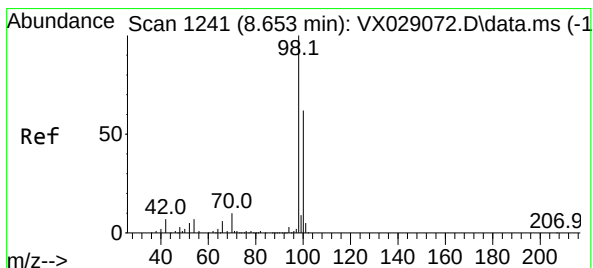
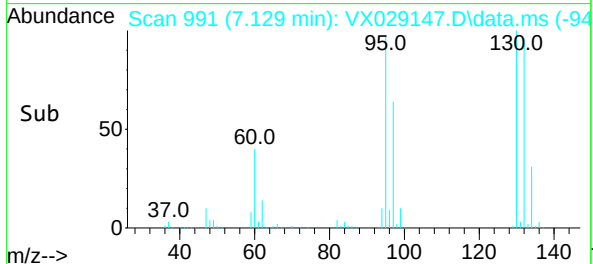
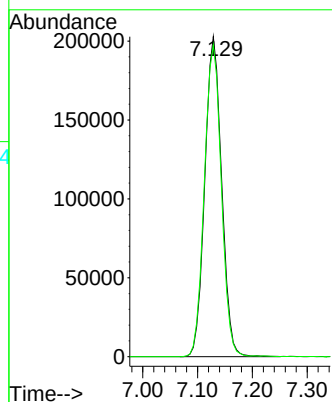
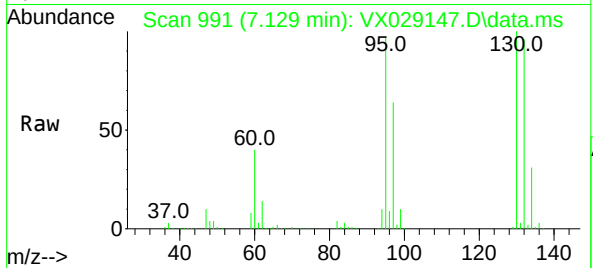




#44
Trichloroethene
Concen: 107.074 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

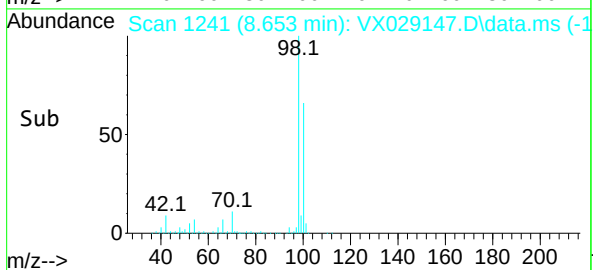
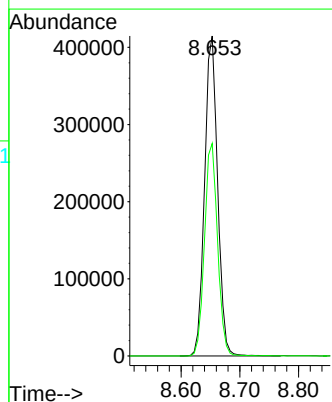
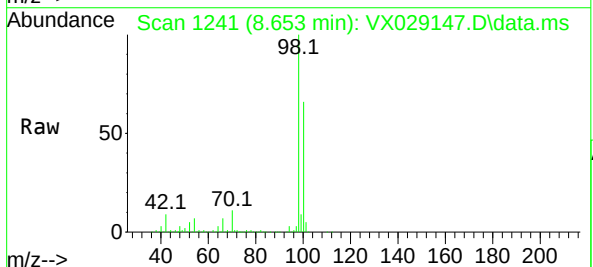
Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

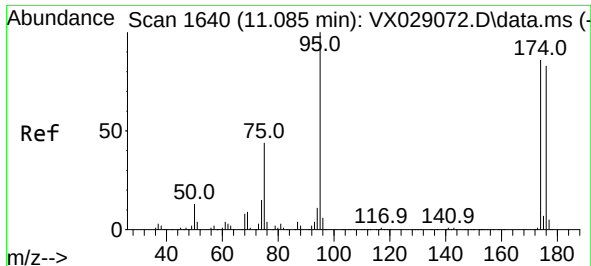
Tgt Ion:130 Resp: 431961
Ion Ratio Lower Upper
130 100
95 97.4 0.0 188.8



#50
Toluene-d8
Concen: 48.432 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

Tgt Ion: 98 Resp: 637298
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

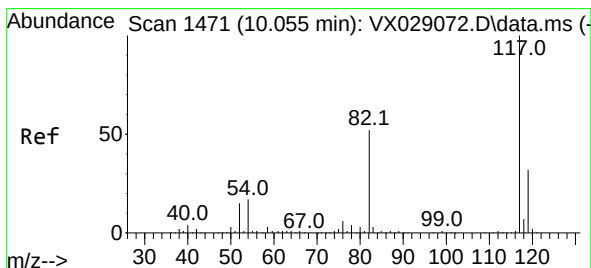
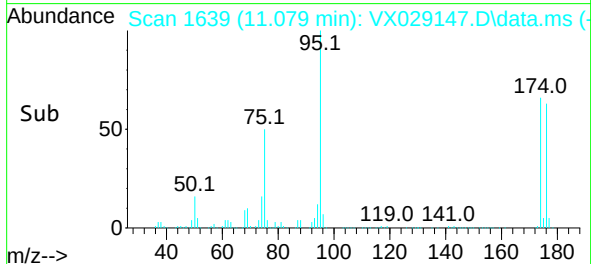
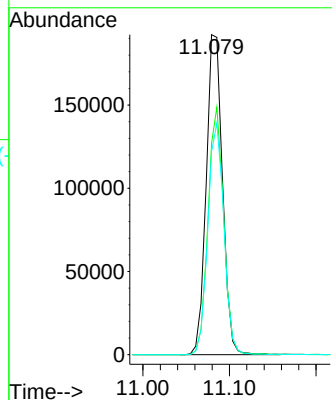
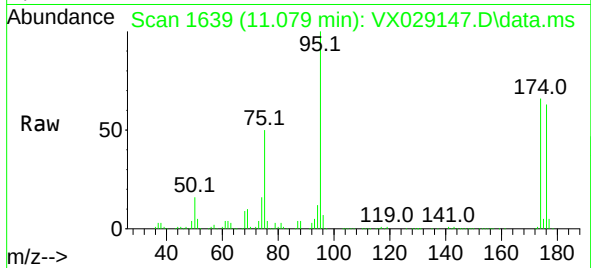




#62
4-Bromofluorobenzene
Concen: 49.416 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

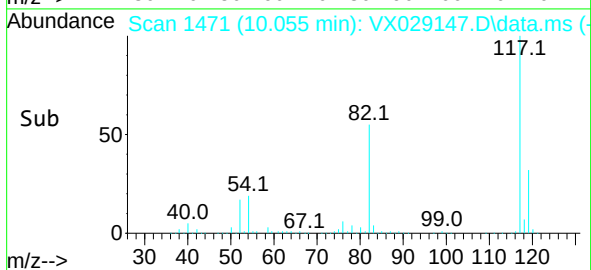
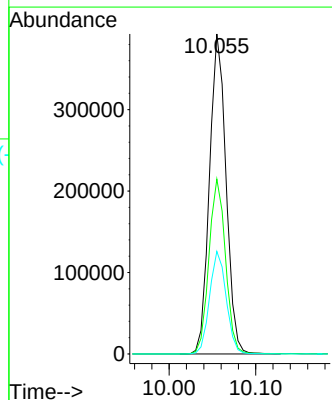
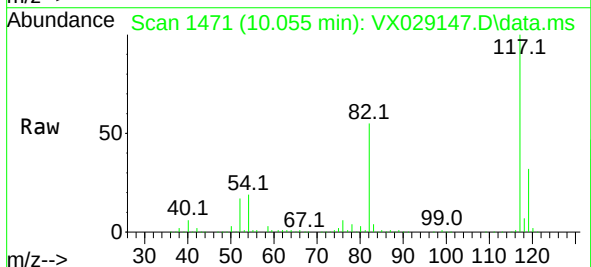
Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

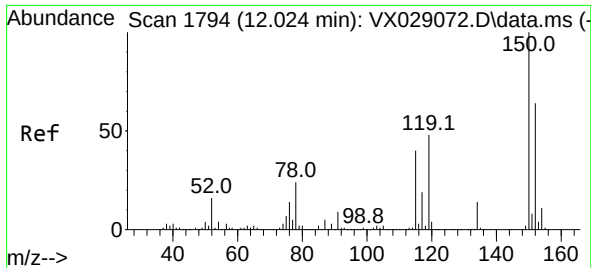
Tgt Ion: 95 Resp: 251354
Ion Ratio Lower Upper
95 100
174 74.6 0.0 163.0
176 71.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

Tgt Ion: 117 Resp: 522193
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 32.1 24.8 37.2

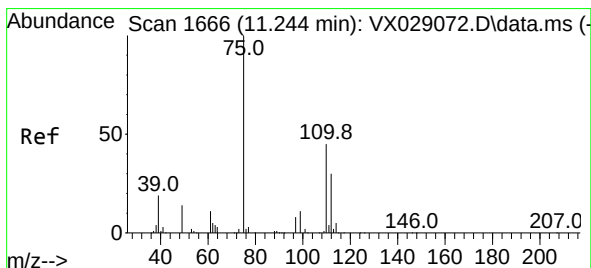
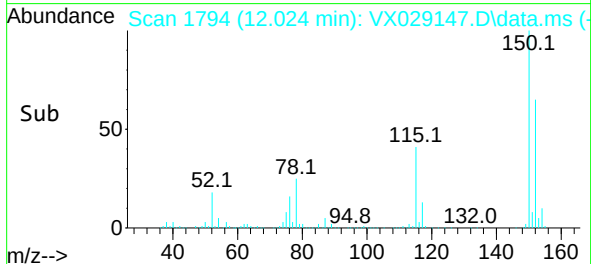
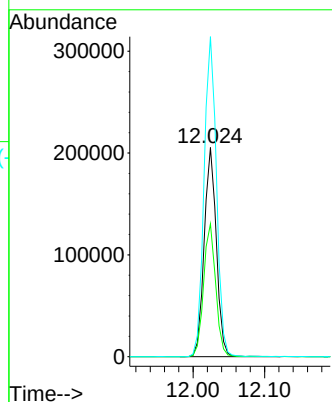
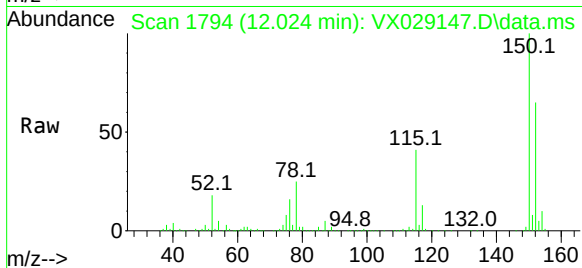




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029147.D
 Acq: 02 Jun 2022 19:49

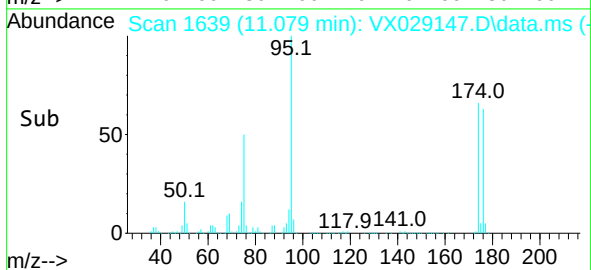
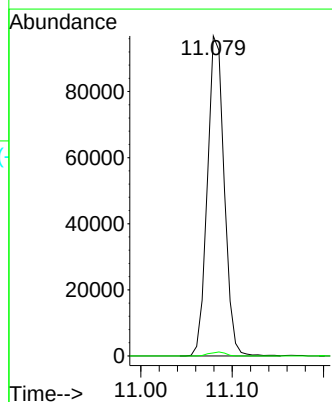
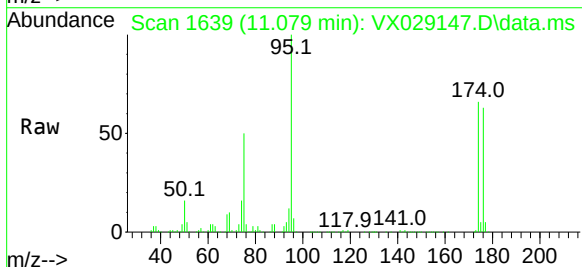
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20220525

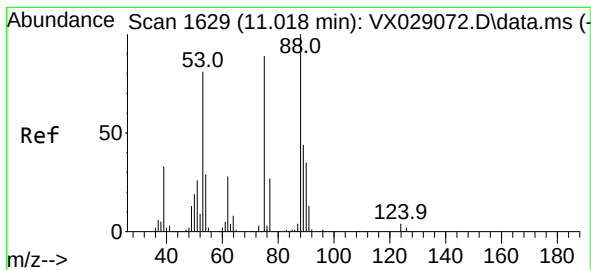
Tgt Ion:152 Resp: 242443
 Ion Ratio Lower Upper
 152 100
 115 63.2 37.5 112.7
 150 156.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 25.116 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029147.D
 Acq: 02 Jun 2022 19:49

Tgt Ion: 75 Resp: 123437
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.685 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029147.D
 Acq: 02 Jun 2022 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20220525

Tgt Ion: 75 Resp: 123437
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

