

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)

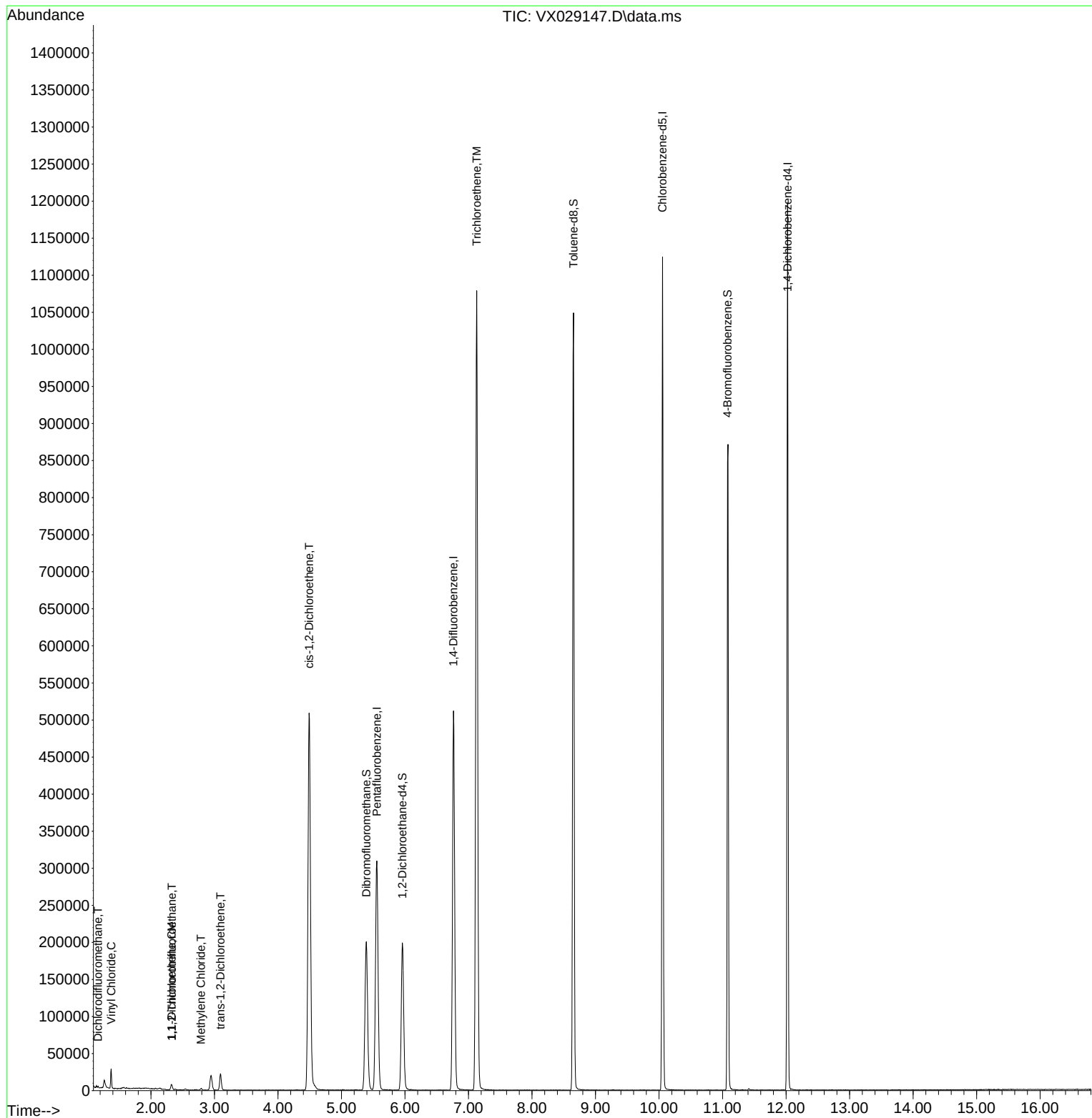
Internal Standards						
1) Pentafluorobenzene	5.556	168	292593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	541649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	522193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	242443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
9) 1,1,2-Trichlorotrifluo...	2.331	101	1244	0.461	ug/l #	81
12) 1,1-Dichloroethene	2.325	96	1876	0.711	ug/l #	77
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
44) Trichloroethene	7.129	130	431961	107.074	ug/l	97

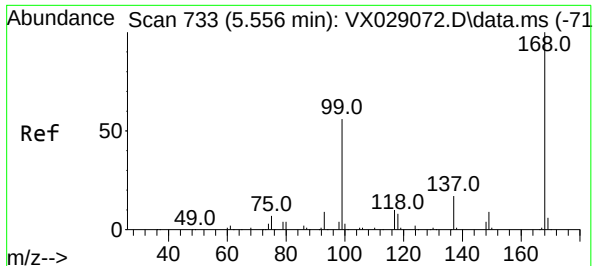
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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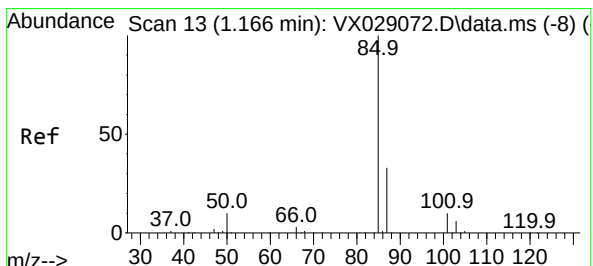
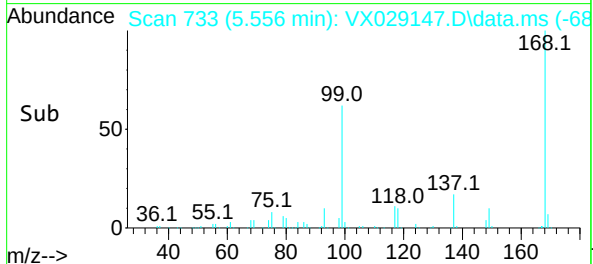
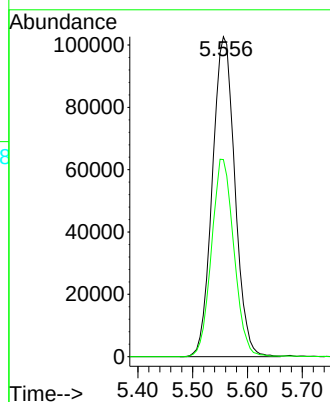
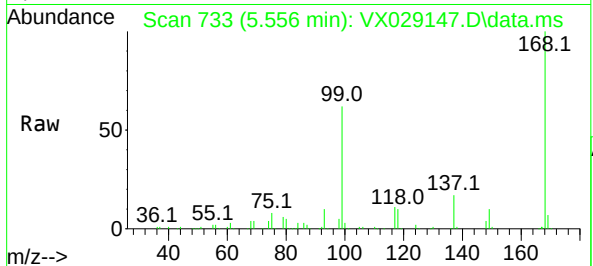




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

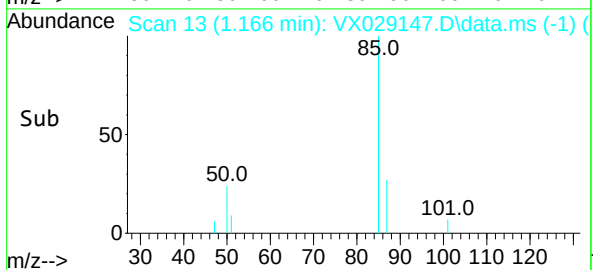
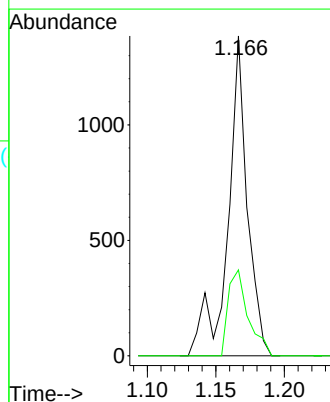
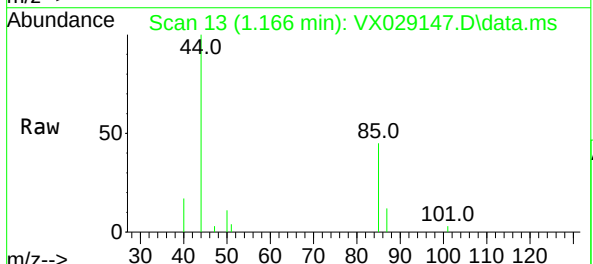
Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

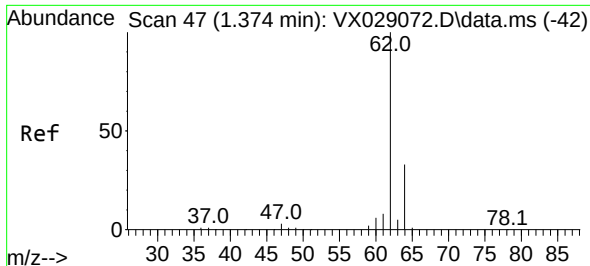
Tgt Ion:168 Resp: 292593
Ion Ratio Lower Upper
168 100
99 61.6 41.7 62.5



#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

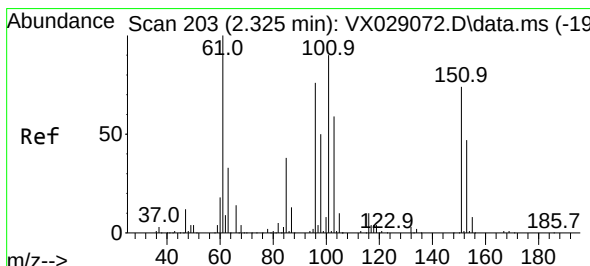
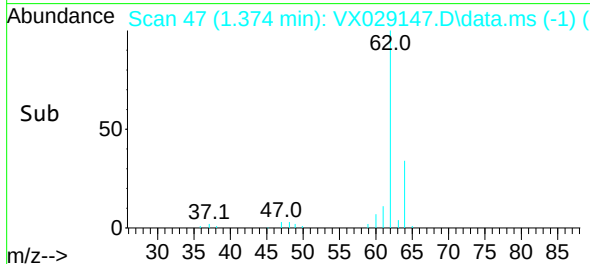
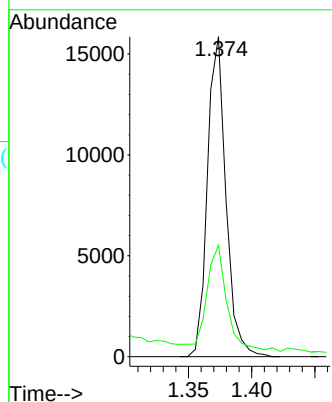
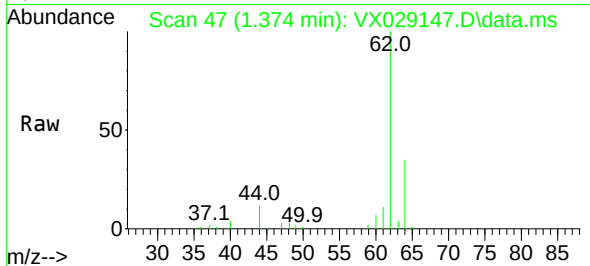




#4
 Vinyl Chloride
 Concen: 5.519 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029147.D
 Acq: 02 Jun 2022 19:49

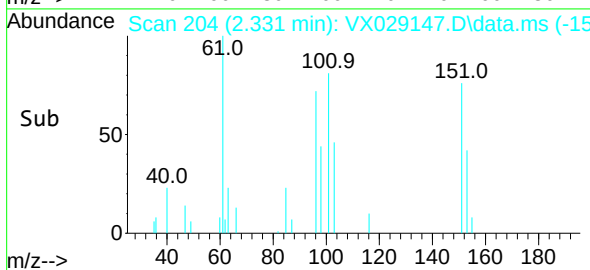
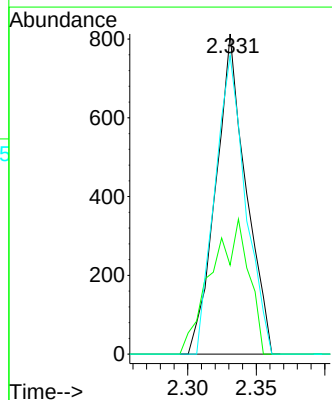
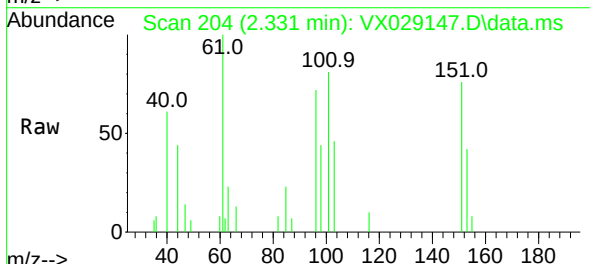
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20220525

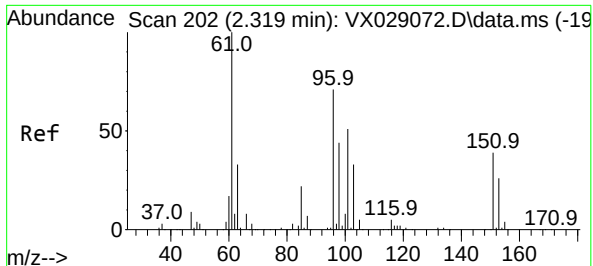
Tgt Ion: 62 Resp: 16156
 Ion Ratio Lower Upper
 62 100
 64 33.2 25.5 38.3



#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#





#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

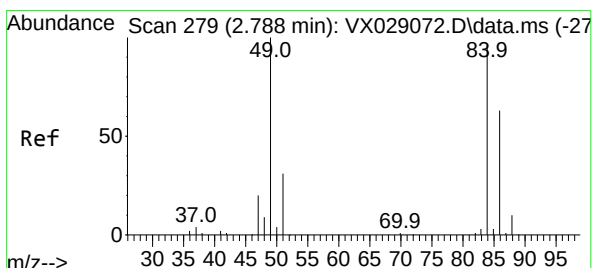
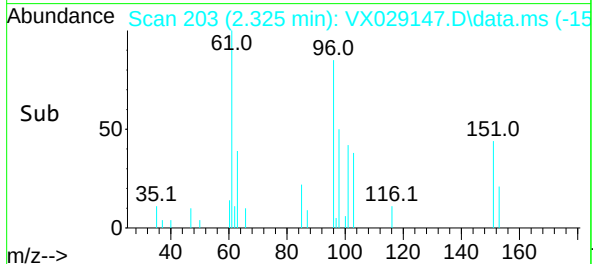
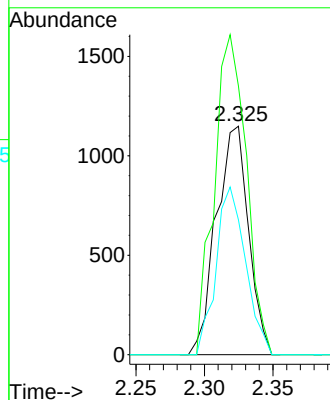
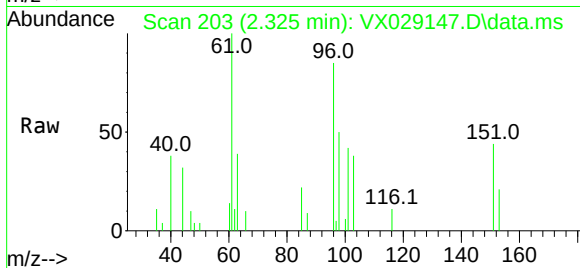
Tgt Ion: 96 Resp: 1876

Ion Ratio Lower Upper

96 100

61 117.6 124.6 187.0#

98 59.0 51.0 76.4



#20

Methylene Chloride

Concen: 0.310 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX029147.D

Acq: 02 Jun 2022 19:49

Tgt Ion: 84 Resp: 938

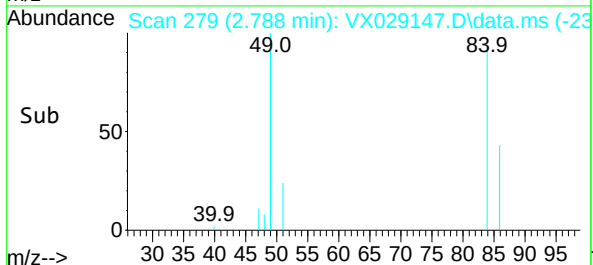
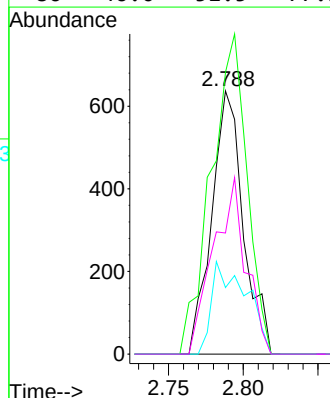
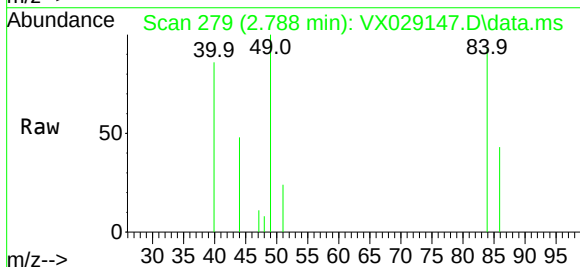
Ion Ratio Lower Upper

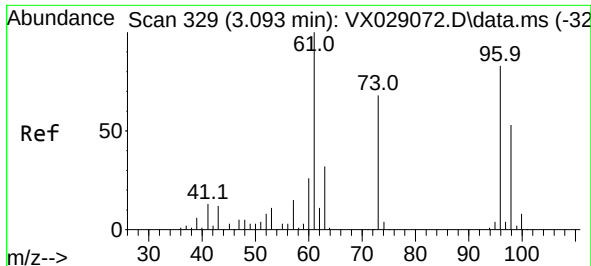
84 100

49 107.1 85.5 128.3

51 25.3 26.6 39.8#

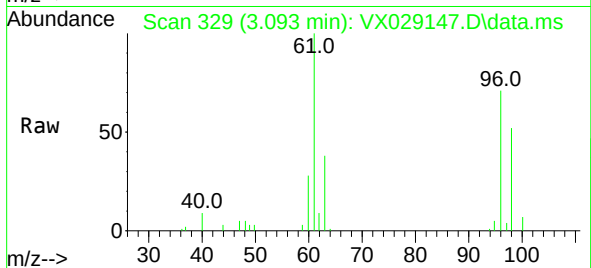
86 46.0 51.5 77.3#



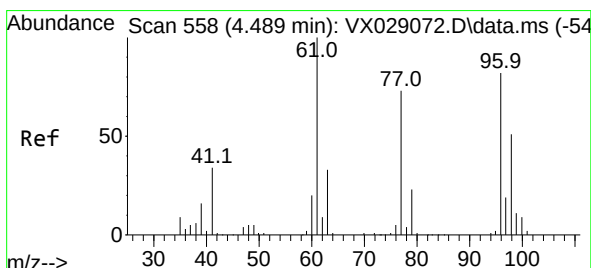
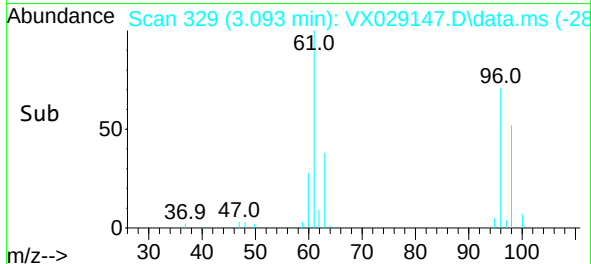
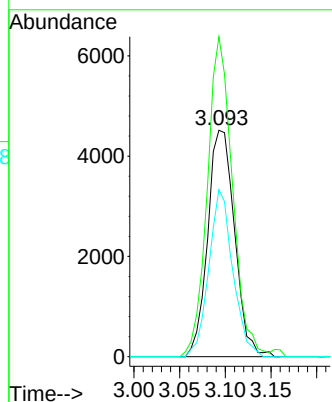


#21
trans-1,2-Dichloroethene
Concen: 3.102 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

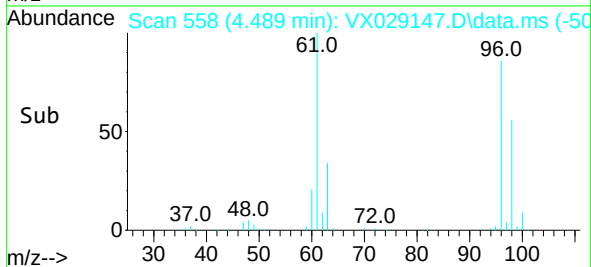
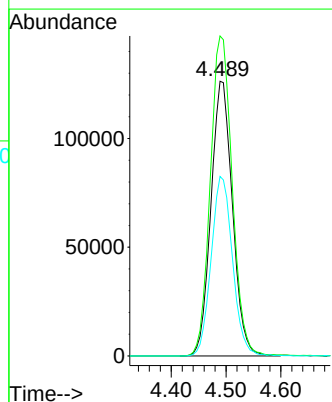
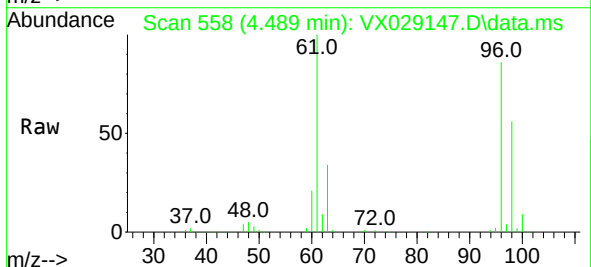


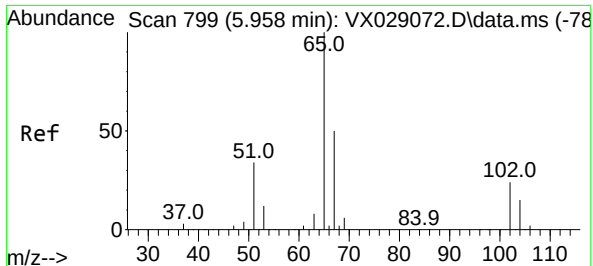
Tgt Ion:	96	Resp:	9230
Ion	Ratio	Lower	Upper
96	100		
61	141.4	105.4	158.2
98	73.8	50.0	75.0



#27
cis-1,2-Dichloroethene
Concen: 96.814 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

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





#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 :

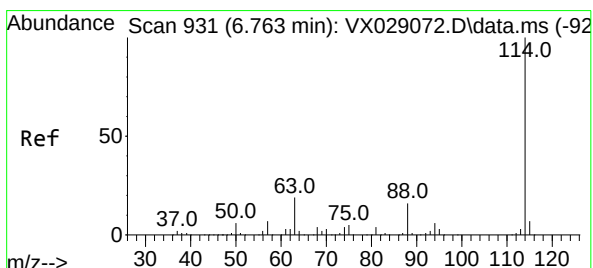
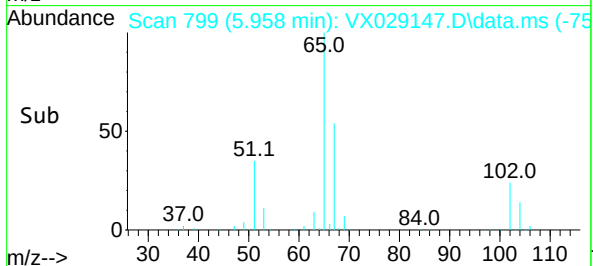
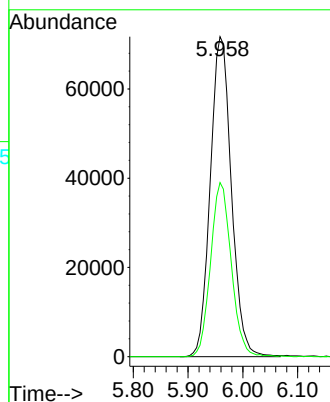
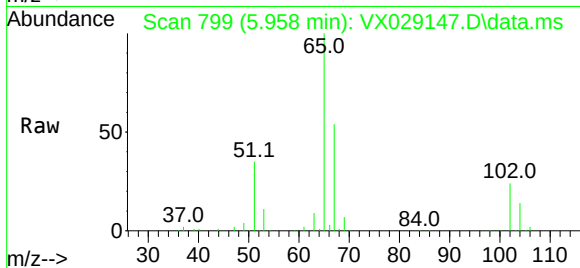
15BR-20220525

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

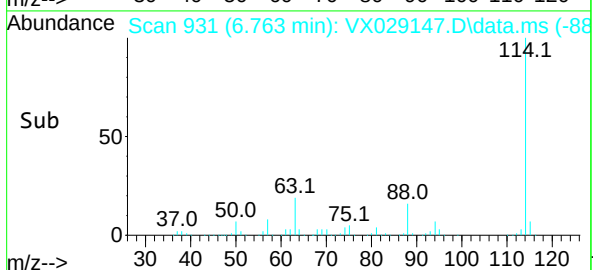
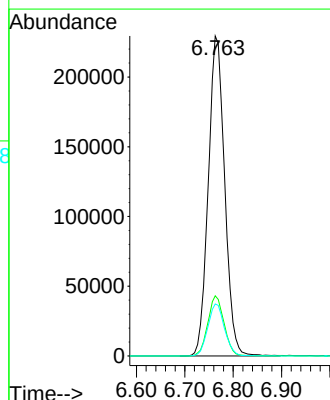
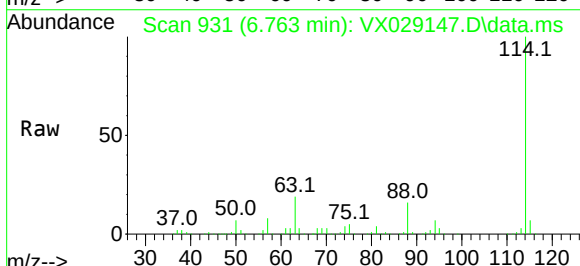
Tgt Ion: 114 Resp: 541649

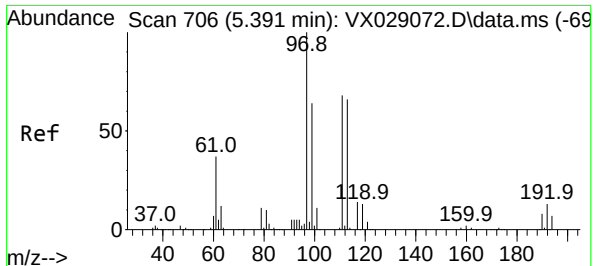
Ion Ratio Lower Upper

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

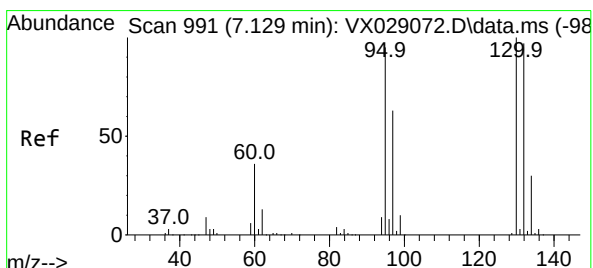
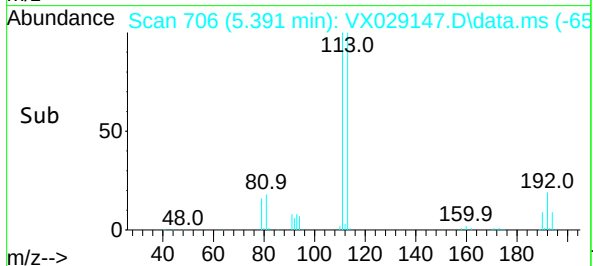
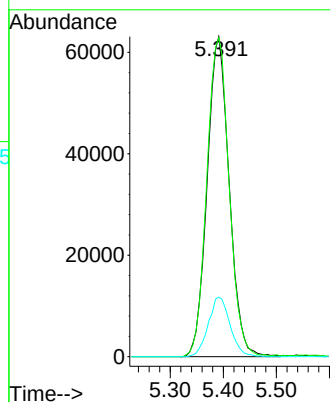
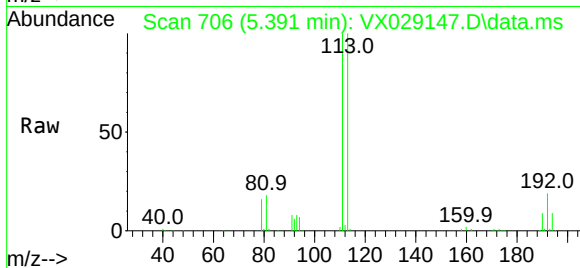
Tgt Ion:113 Resp: 181931

Ion Ratio Lower Upper

113 100

111 101.1 82.8 124.2

192 18.5 16.9 25.3



#44

Trichloroethene

Concen: 107.074 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029147.D

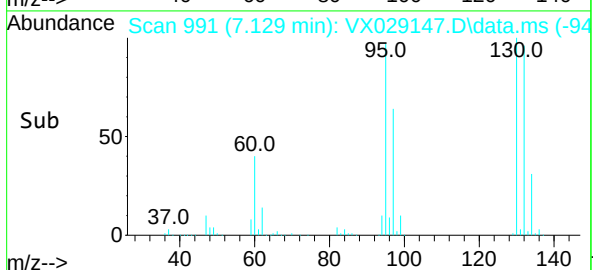
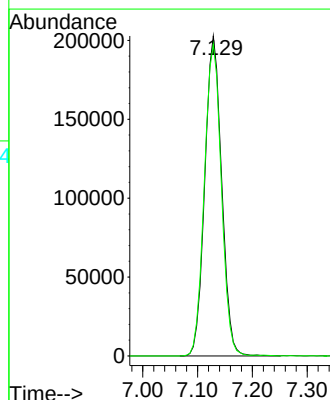
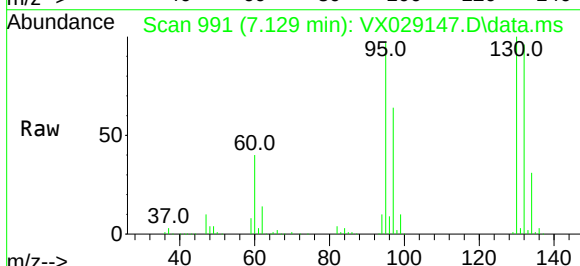
Acq: 02 Jun 2022 19:49

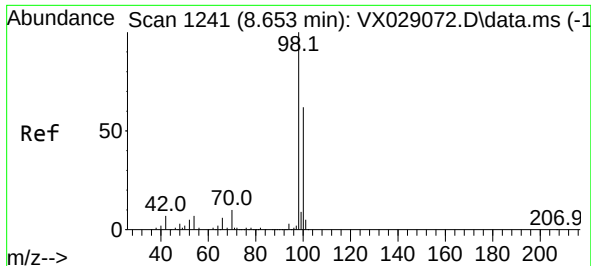
Tgt Ion:130 Resp: 431961

Ion Ratio Lower Upper

130 100

95 97.4 0.0 188.8

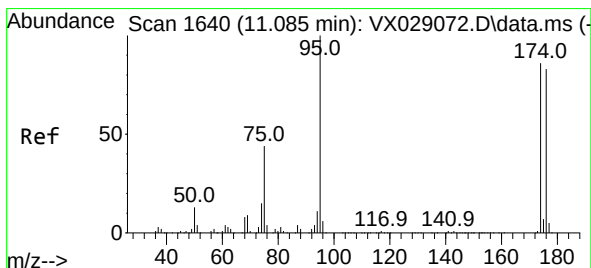
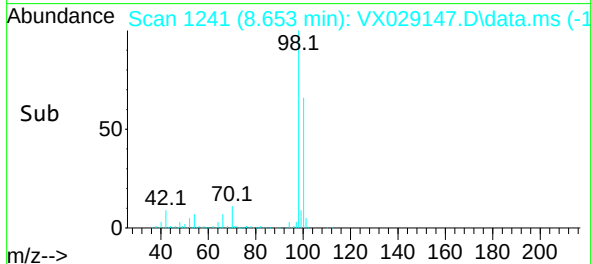
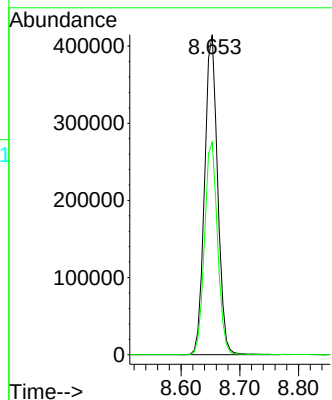
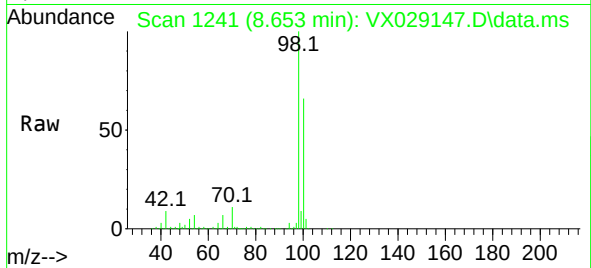




#50
Toluene-d8
Concen: 48.432 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

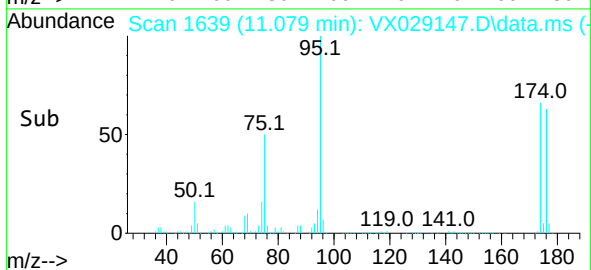
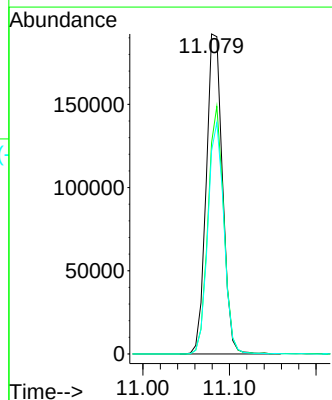
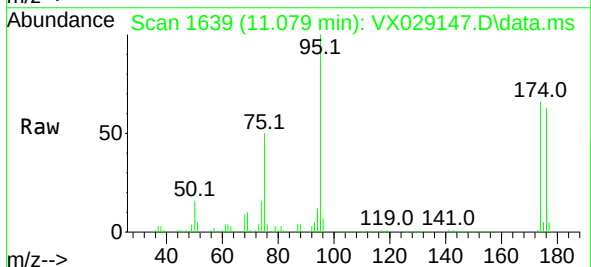
Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

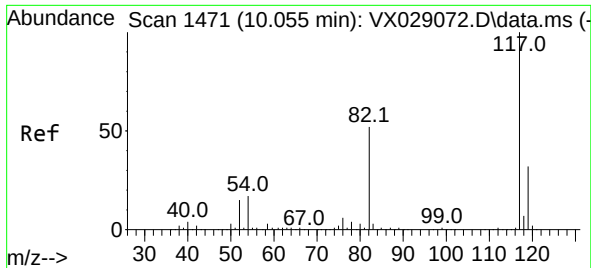
Tgt Ion: 98 Resp: 637298
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#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

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

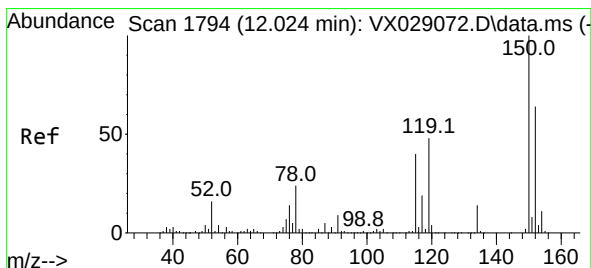
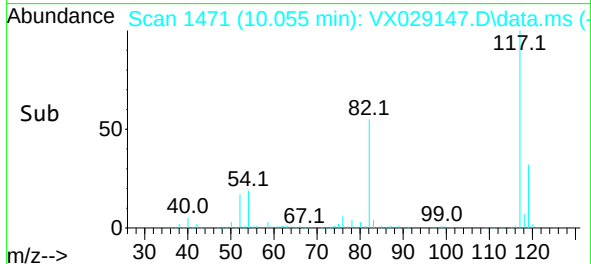
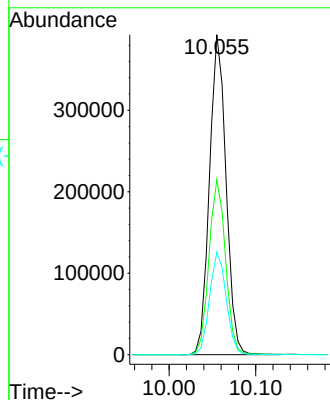
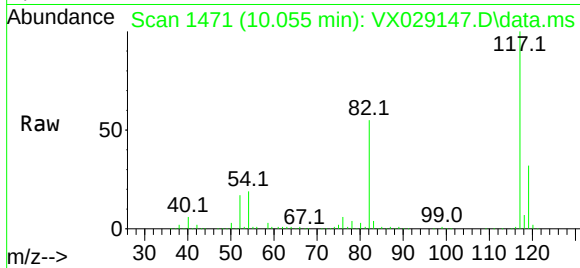




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

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# 1794
Delta R.T. 0.000 min
Lab File: VX029147.D
Acq: 02 Jun 2022 19:49

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

