

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029151.D
 Acq On : 02 Jun 2022 21:23
 Operator : JC/MD
 Sample : N3022-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 25BR-20220525

Quant Time: Jun 03 04:34:45 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)

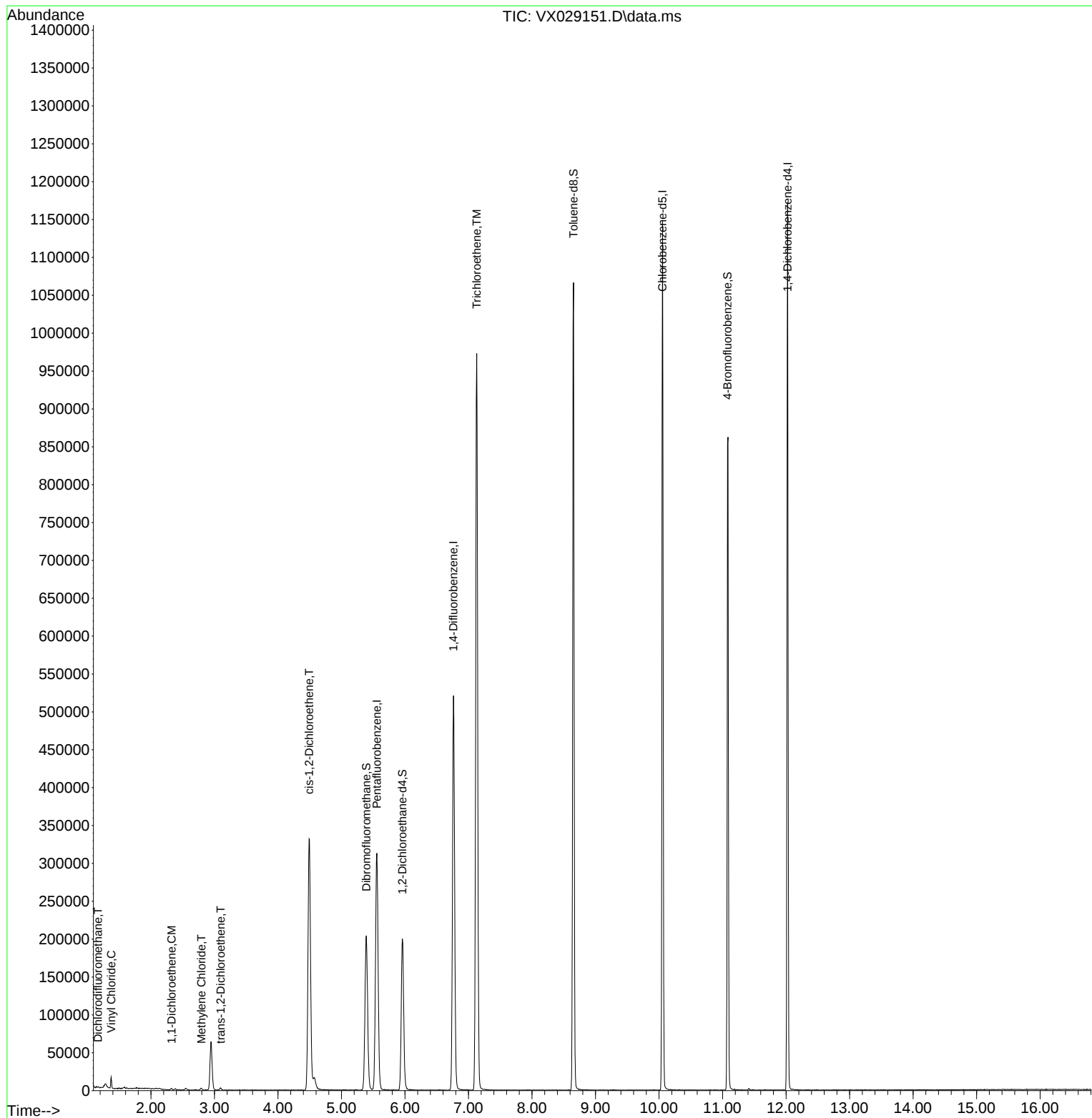
Internal Standards						
1) Pentafluorobenzene	5.556	168	298988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	548696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	522144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195466	57.976	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.960%
35) Dibromofluoromethane	5.391	113	182044	49.949	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.900%
50) Toluene-d8	8.653	98	647093	48.545	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.079	95	249851	48.490	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.980%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	591	0.227	ug/l	72
4) Vinyl Chloride	1.374	62	9223	3.083	ug/l	92
12) 1,1-Dichloroethene	2.325	96	760	0.282	ug/l #	81
20) Methylene Chloride	2.794	84	1440	0.465	ug/l #	75
21) trans-1,2-Dichloroethene	3.099	96	1311	0.431	ug/l #	74
27) cis-1,2-Dichloroethene	4.489	96	228234	62.951	ug/l	86
44) Trichloroethene	7.129	130	395949	96.819	ug/l	95

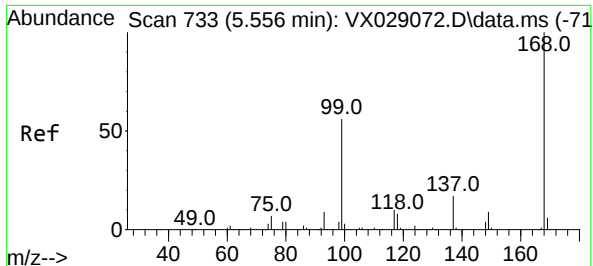
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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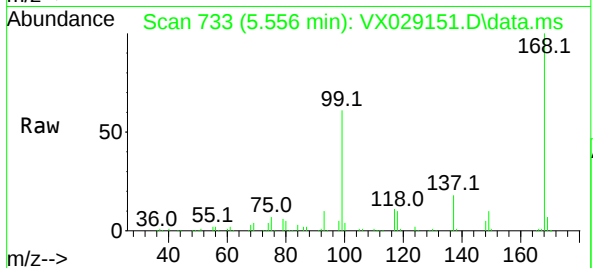
Quant Time: Jun 03 04:34:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration



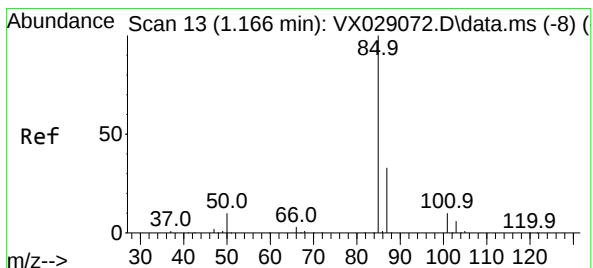
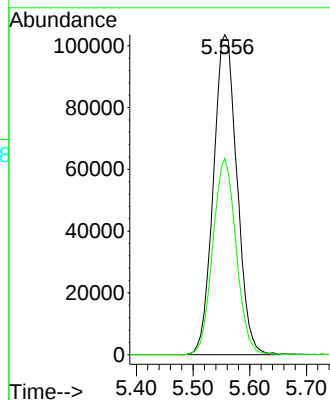
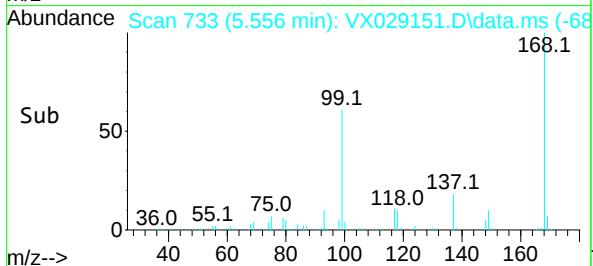


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029151.D
Acq: 02 Jun 2022 21:23

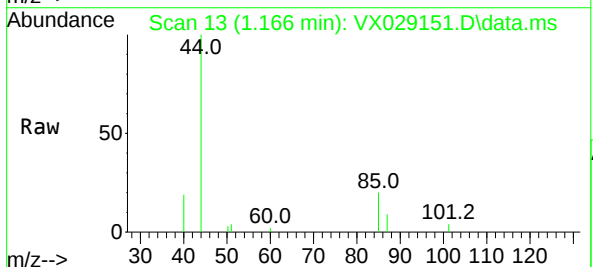
Instrument :
MSVOA_X
ClientSampleId :
25BR-20220525



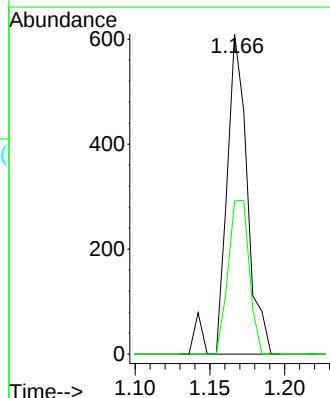
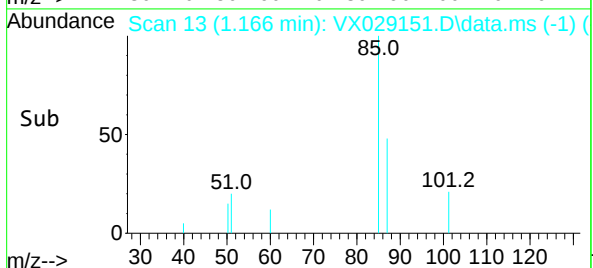
Tgt Ion:168 Resp: 298988
Ion Ratio Lower Upper
168 100
99 61.3 41.7 62.5

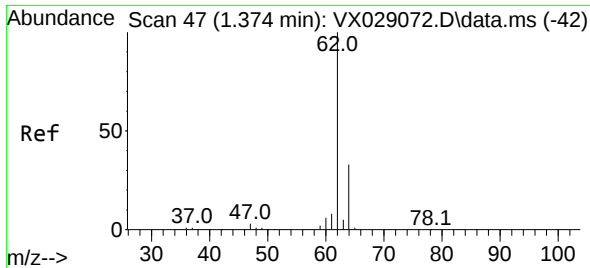


#2
Dichlorodifluoromethane
Concen: 0.227 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029151.D
Acq: 02 Jun 2022 21:23



Tgt Ion: 85 Resp: 591
Ion Ratio Lower Upper
85 100
87 47.9 16.2 48.6

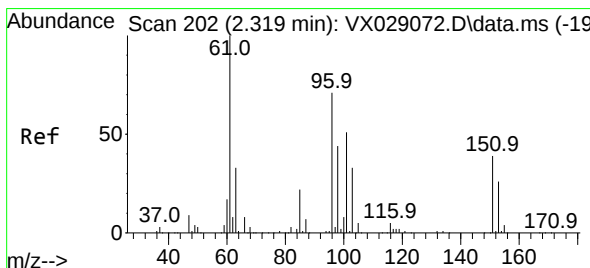
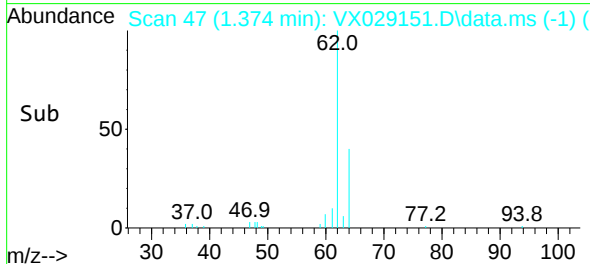
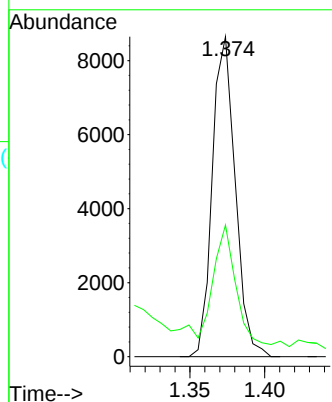
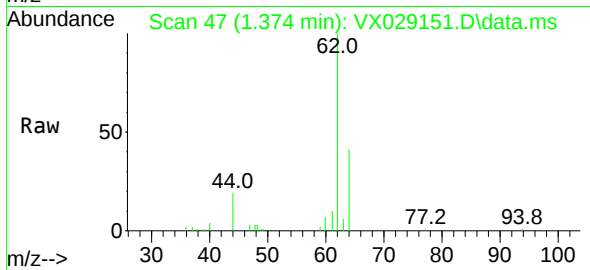




#4
 Vinyl Chloride
 Concen: 3.083 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029151.D
 Acq: 02 Jun 2022 21:23

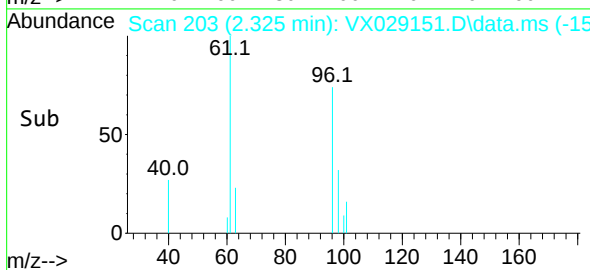
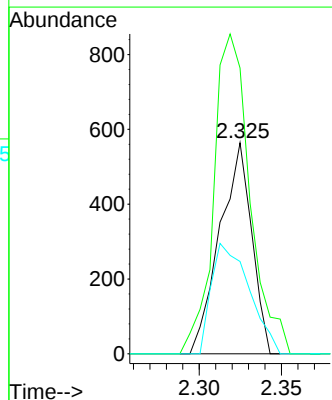
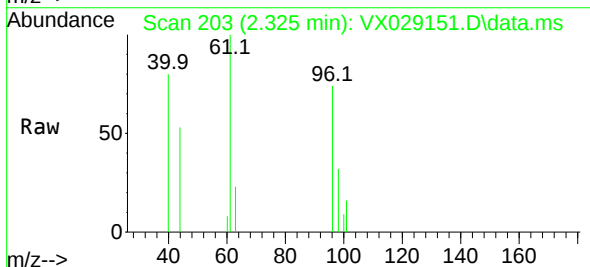
Instrument :
 MSVOA_X
 ClientSampleId :
 25BR-20220525

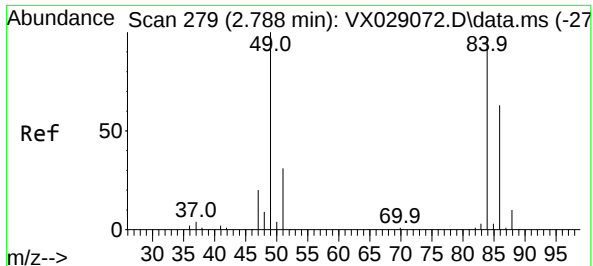
Tgt Ion: 62 Resp: 9223
 Ion Ratio Lower Upper
 62 100
 64 36.3 25.5 38.3



#12
 1,1-Dichloroethene
 Concen: 0.282 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX029151.D
 Acq: 02 Jun 2022 21:23

Tgt Ion: 96 Resp: 760
 Ion Ratio Lower Upper
 96 100
 61 135.5 124.6 187.0
 98 43.8 51.0 76.4#





#20

Methylene Chloride

Concen: 0.465 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX029151.D

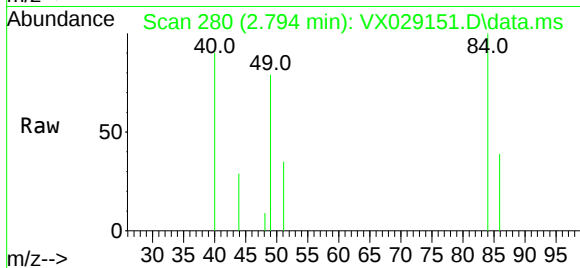
Acq: 02 Jun 2022 21:23

Instrument :

MSVOA_X

ClientSampleId :

25BR-20220525



Tgt Ion: 84 Resp: 1440

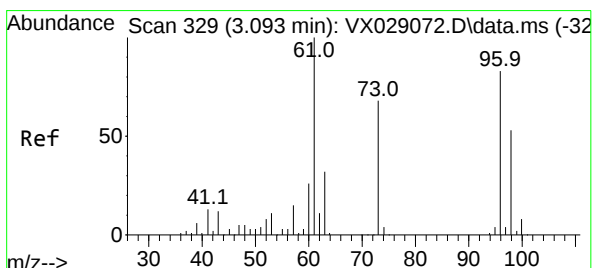
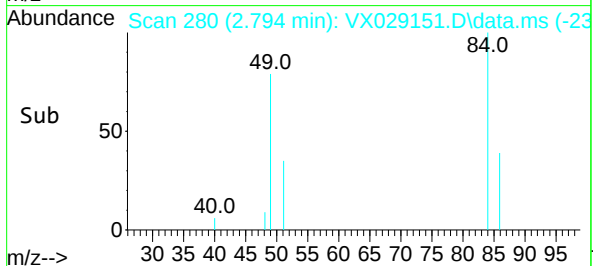
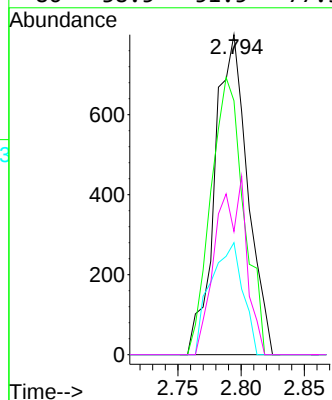
Ion Ratio Lower Upper

84 100

49 79.4 85.5 128.3#

51 35.0 26.6 39.8

86 38.5 51.5 77.3#



#21

trans-1,2-Dichloroethene

Concen: 0.431 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX029151.D

Acq: 02 Jun 2022 21:23

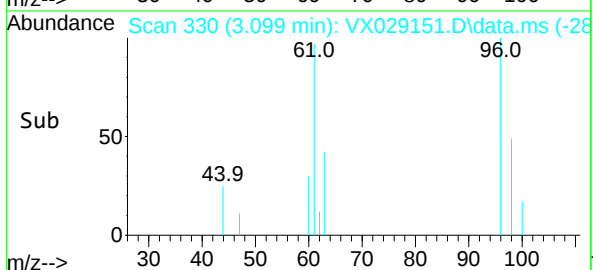
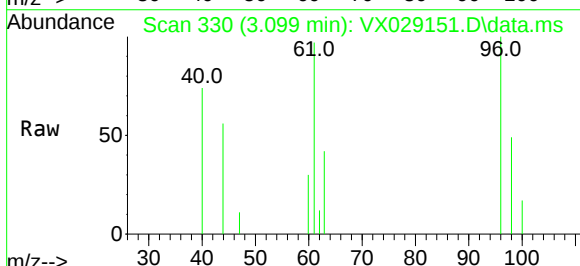
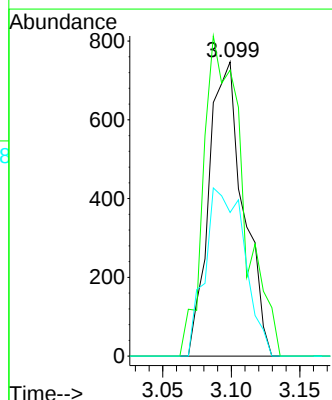
Tgt Ion: 96 Resp: 1311

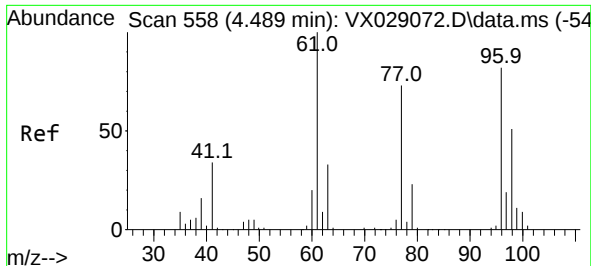
Ion Ratio Lower Upper

96 100

61 97.2 105.4 158.2#

98 48.9 50.0 75.0#





#27

cis-1,2-Dichloroethene

Concen: 62.951 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX029151.D

Acq: 02 Jun 2022 21:23

Instrument :

MSVOA_X

ClientSampleId :

25BR-20220525

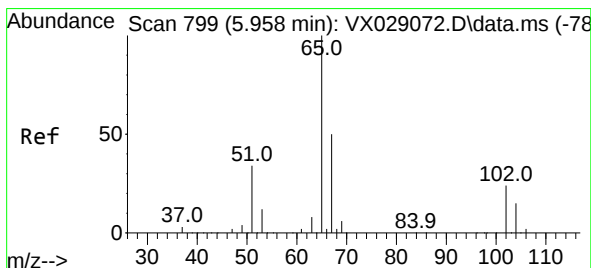
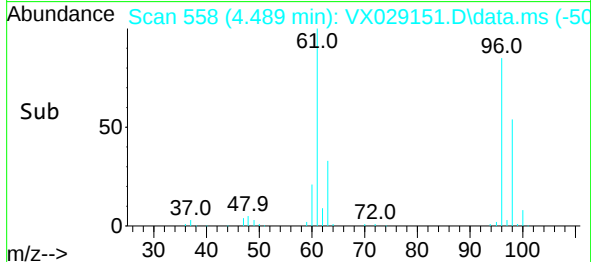
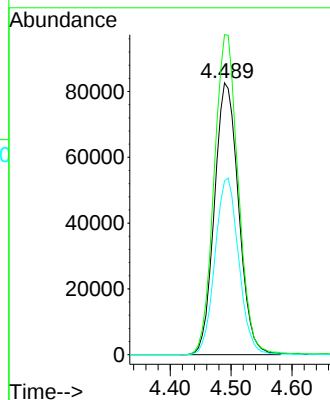
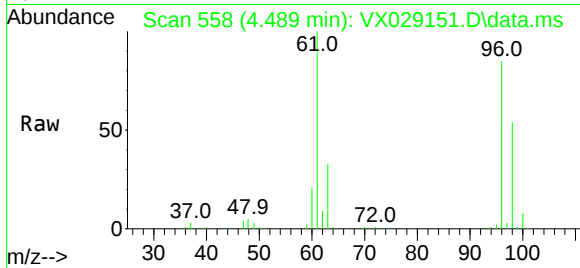
Tgt Ion: 96 Resp: 228234

Ion Ratio Lower Upper

96 100

61 117.7 0.0 283.8

98 63.7 0.0 129.8



#33

1,2-Dichloroethane-d4

Concen: 57.976 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029151.D

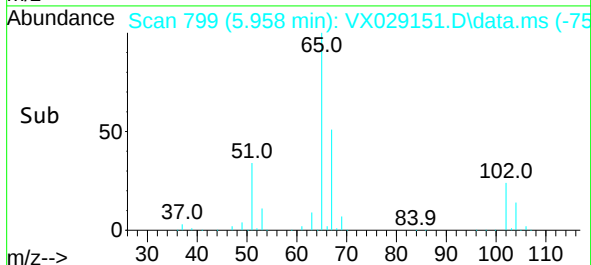
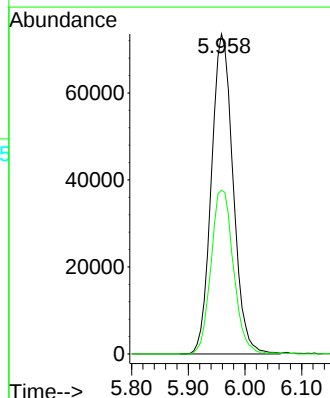
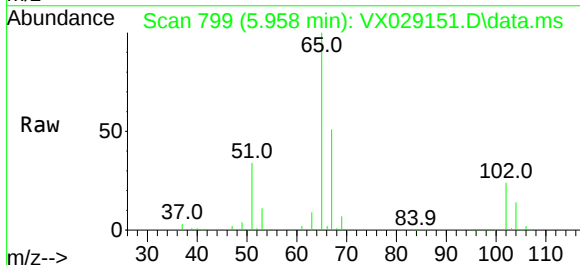
Acq: 02 Jun 2022 21:23

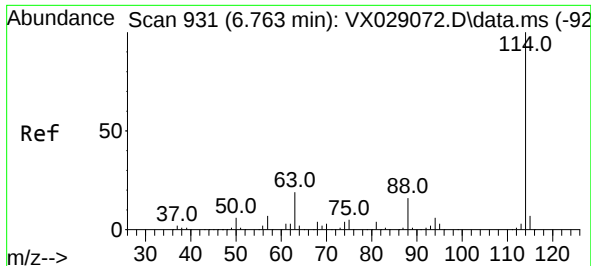
Tgt Ion: 65 Resp: 195466

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.4

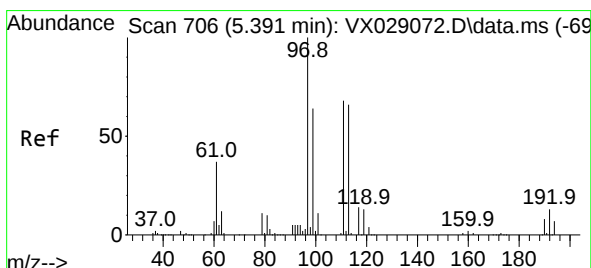
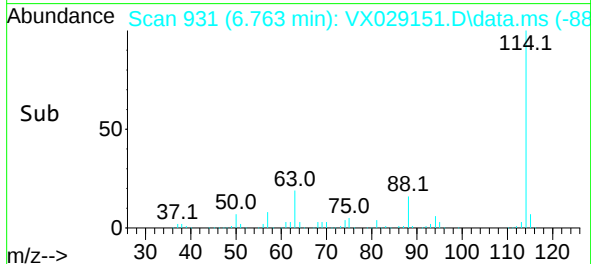
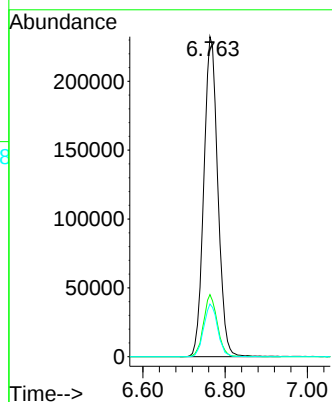
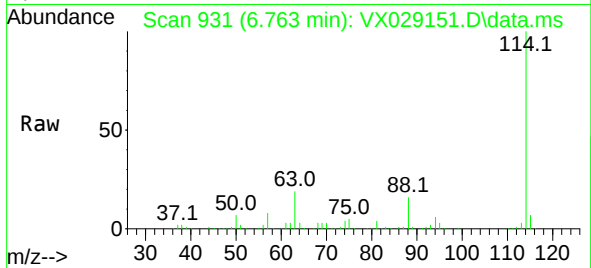




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029151.D
Acq: 02 Jun 2022 21:23

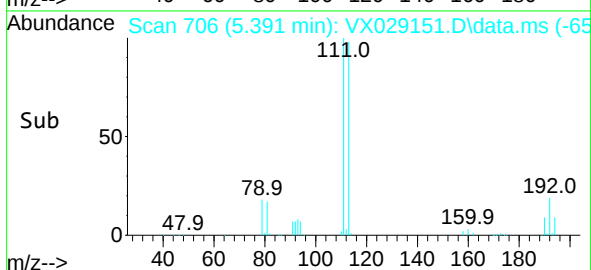
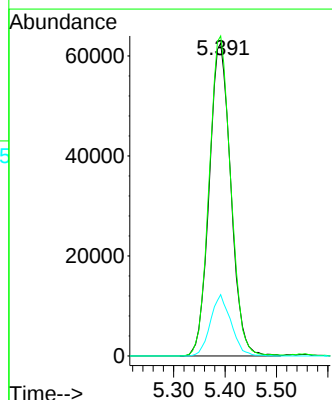
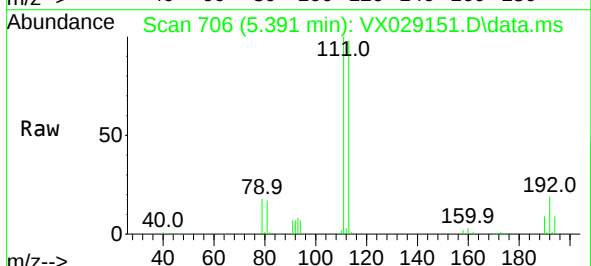
Instrument :
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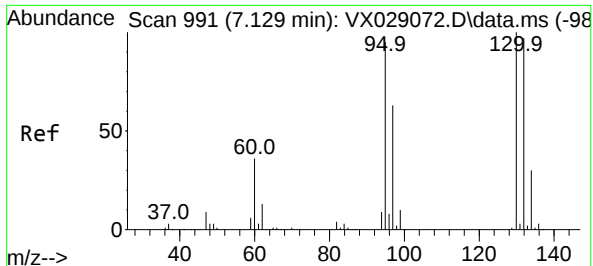
Tgt Ion:114 Resp: 548696
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.949 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029151.D
Acq: 02 Jun 2022 21:23

Tgt Ion:113 Resp: 182044
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.8 16.9 25.3

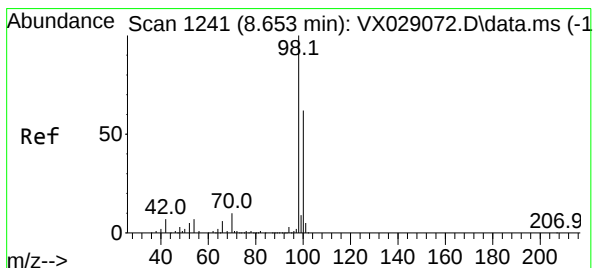
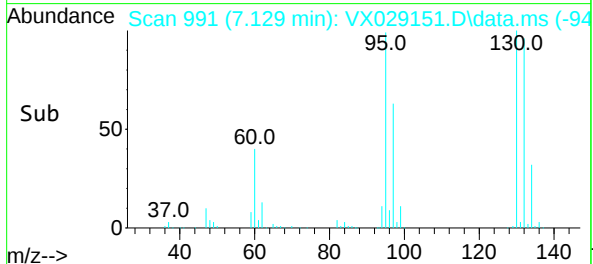
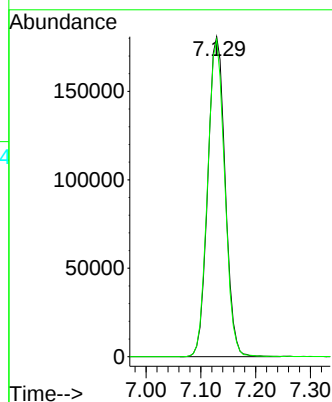
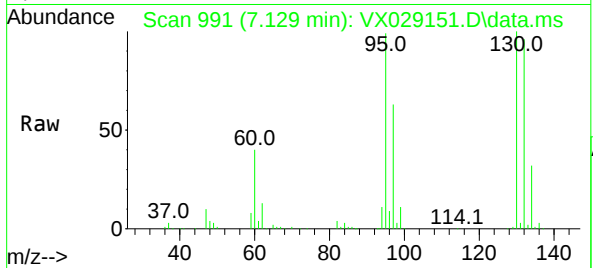




#44
Trichloroethene
Concen: 96.819 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029151.D
Acq: 02 Jun 2022 21:23

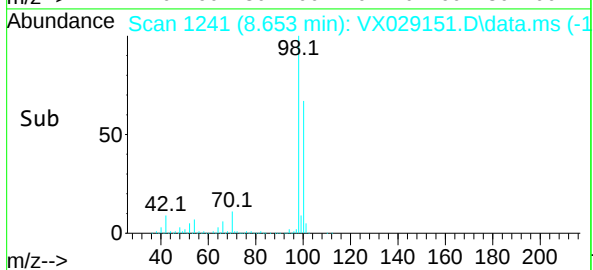
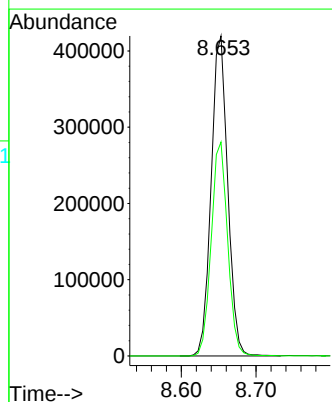
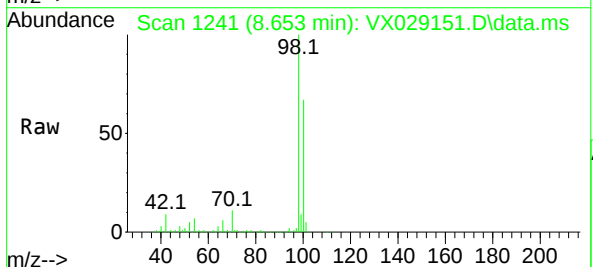
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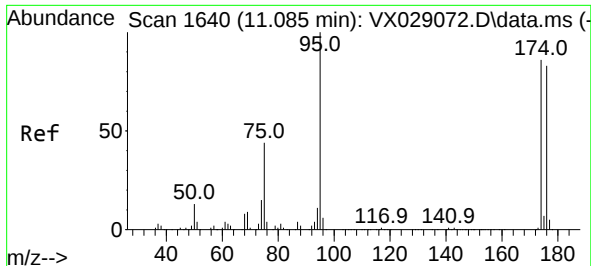
Tgt Ion:130 Resp: 395949
Ion Ratio Lower Upper
130 100
95 99.1 0.0 188.8



#50
Toluene-d8
Concen: 48.545 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029151.D
Acq: 02 Jun 2022 21:23

Tgt Ion: 98 Resp: 647093
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

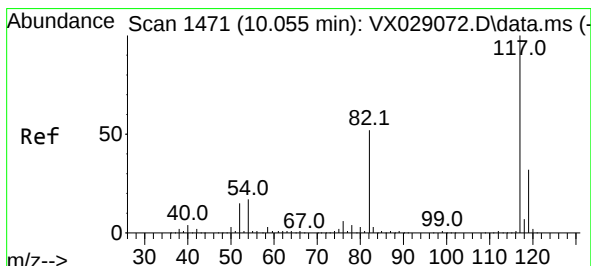
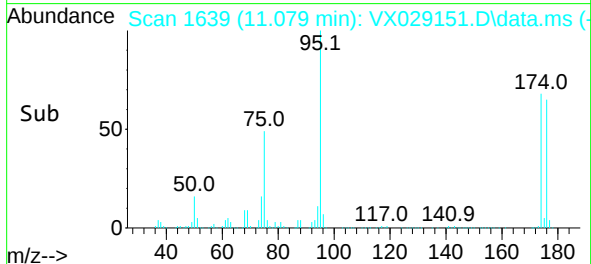
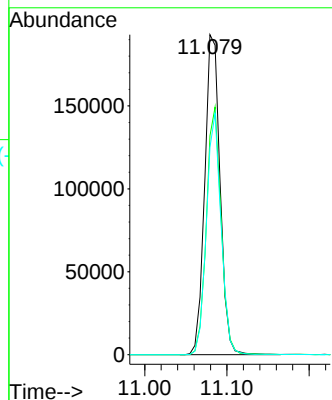
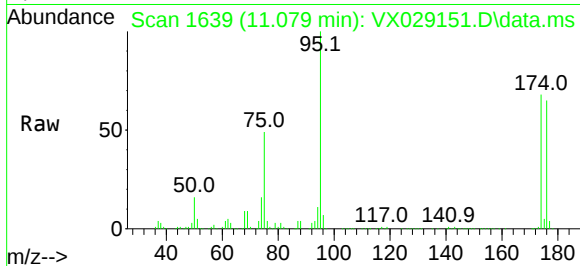




#62
4-Bromofluorobenzene
Concen: 48.490 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029151.D
Acq: 02 Jun 2022 21:23

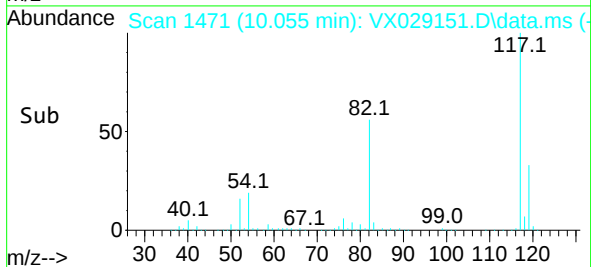
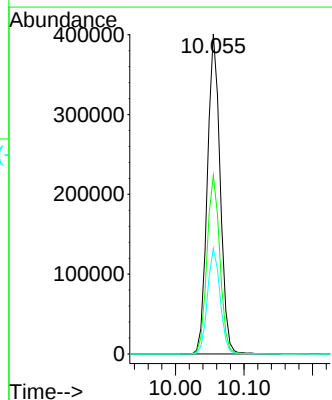
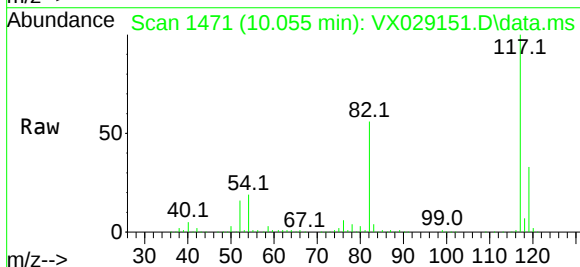
Instrument :
MSVOA_X
ClientSampleId :
25BR-20220525

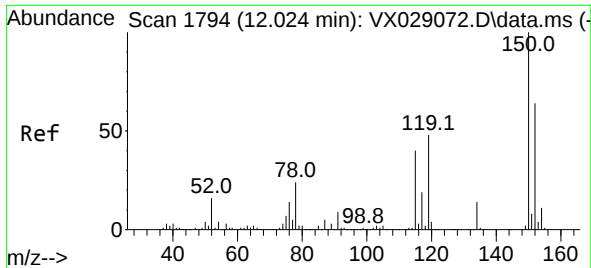
Tgt Ion: 95 Resp: 249851
Ion Ratio Lower Upper
95 100
174 74.3 0.0 163.0
176 72.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029151.D
Acq: 02 Jun 2022 21:23

Tgt Ion: 117 Resp: 522144
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 33.0 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: VX029151.D

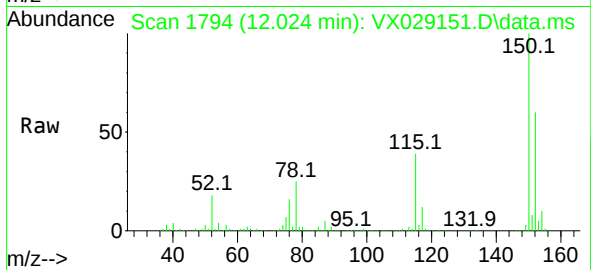
Acq: 02 Jun 2022 21:23

Instrument :

MSVOA_X

ClientSampleId :

25BR-20220525



Tgt Ion:152 Resp: 235210

Ion Ratio Lower Upper

152 100

115 62.8 37.5 112.7

150 160.3 0.0 338.2

