

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029150.D
 Acq On : 02 Jun 2022 20:59
 Operator : JC/MD
 Sample : N3022-14 25X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20220525

Quant Time: Jun 03 04:34:32 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)

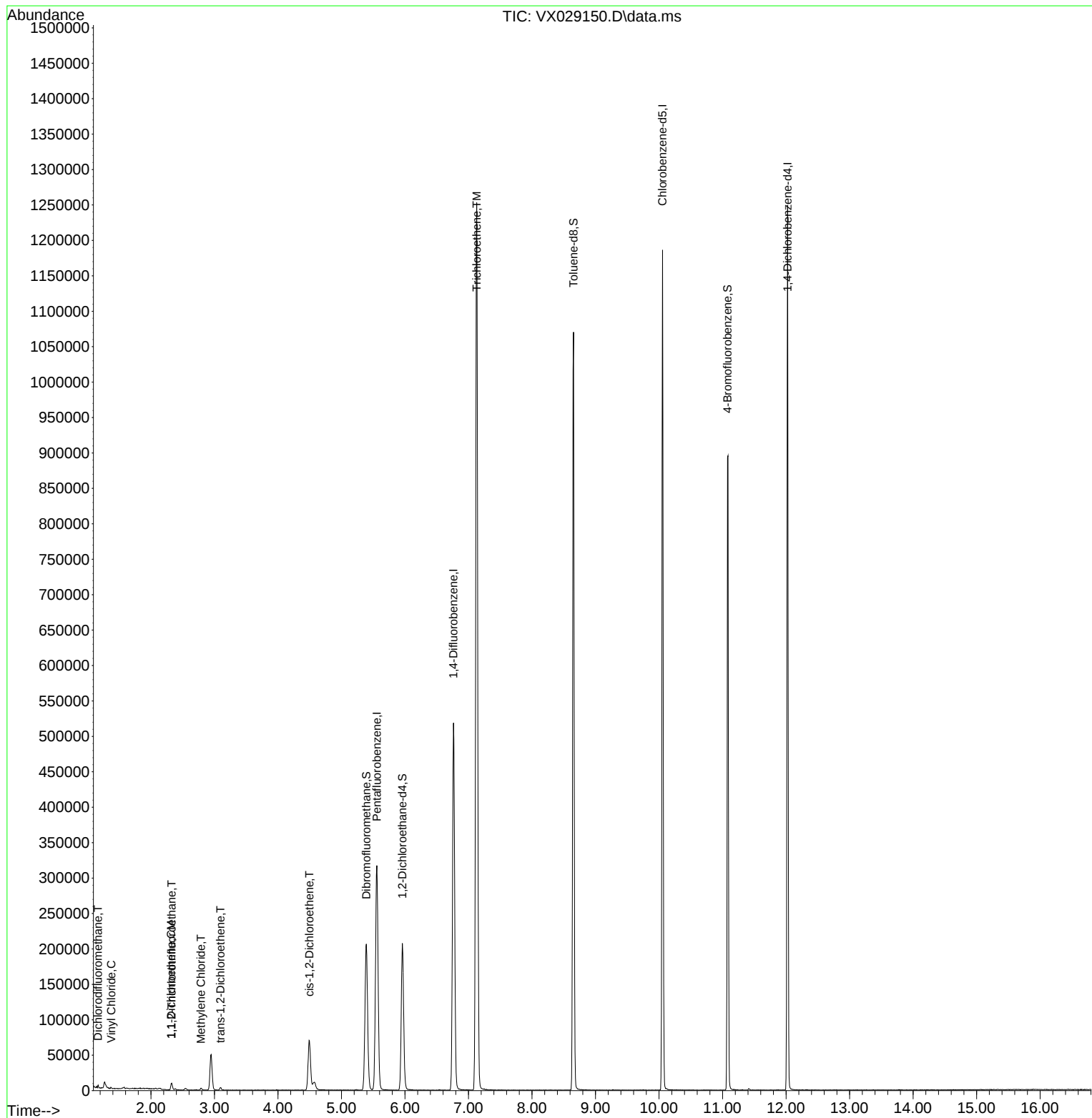
Internal Standards						
1) Pentafluorobenzene	5.556	168	299317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	549512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	538498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	252997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	196710	58.281	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 116.560%	
35) Dibromofluoromethane	5.391	113	183482	50.269	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.540%	
50) Toluene-d8	8.653	98	651770	48.824	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.640%	
62) 4-Bromofluorobenzene	11.079	95	262522	50.873	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.740%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2057	0.790	ug/l	96
4) Vinyl Chloride	1.374	62	1118	0.373	ug/l #	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	2143	0.776	ug/l	95
12) 1,1-Dichloroethene	2.319	96	2143	0.794	ug/l	88
20) Methylene Chloride	2.788	84	1157	0.373	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	1571	0.516	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	47010	12.952	ug/l	88
44) Trichloroethene	7.129	130	506090	123.765	ug/l	92

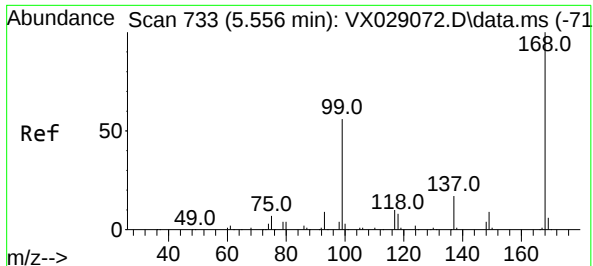
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 01 04:45:42 2022
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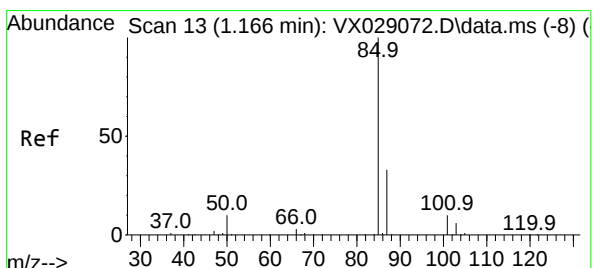
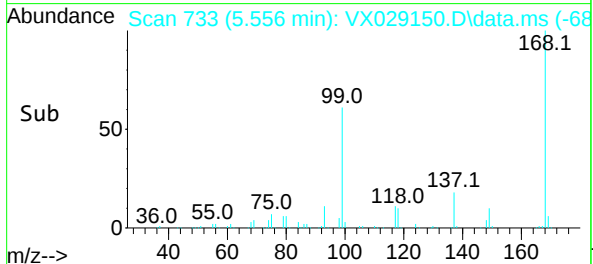
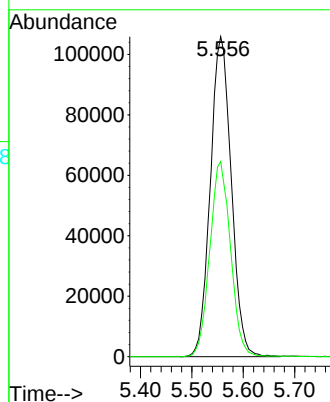
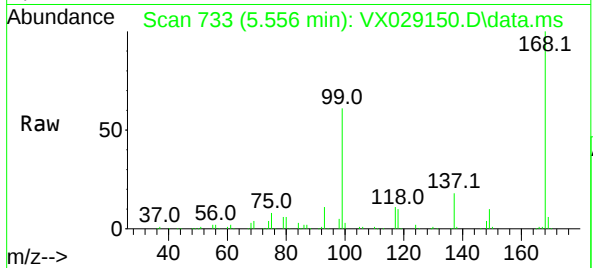




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029150.D
Acq: 02 Jun 2022 20:59

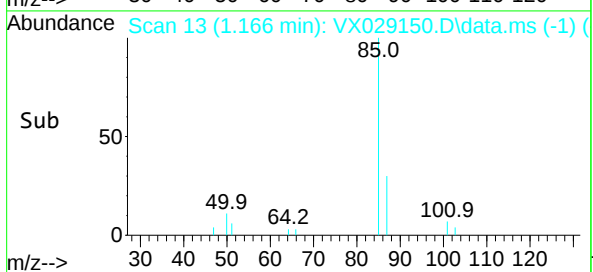
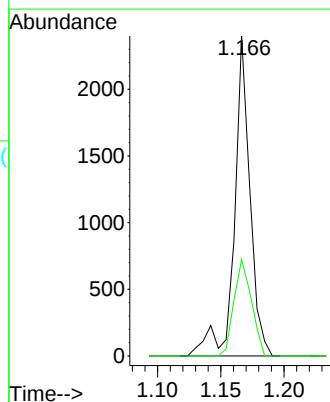
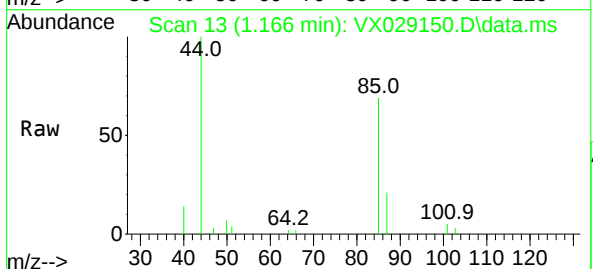
Instrument :
MSVOA_X
ClientSampleId :
29BR-20220525

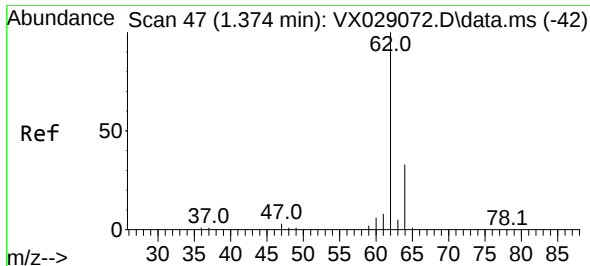
Tgt Ion:168 Resp: 299317
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.790 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029150.D
Acq: 02 Jun 2022 20:59

Tgt Ion: 85 Resp: 2057
Ion Ratio Lower Upper
85 100
87 30.2 16.2 48.6

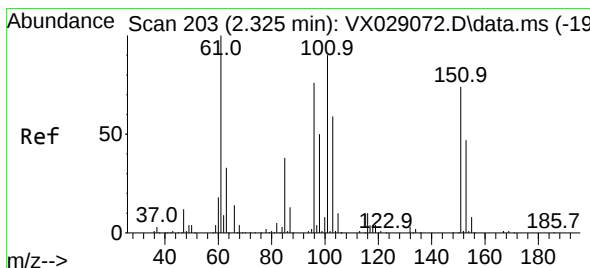
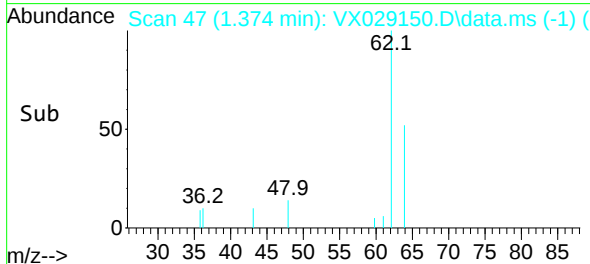
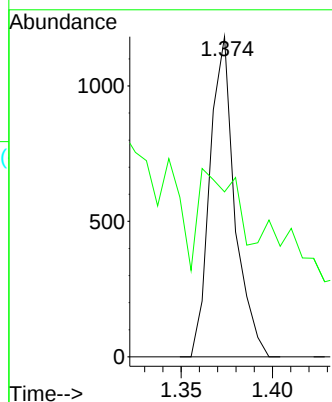
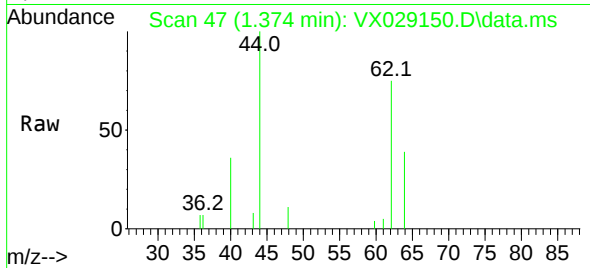




#4
 Vinyl Chloride
 Concen: 0.373 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029150.D
 Acq: 02 Jun 2022 20:59

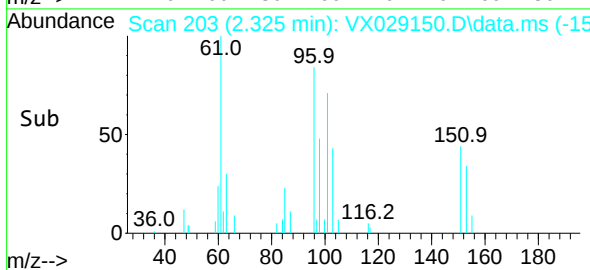
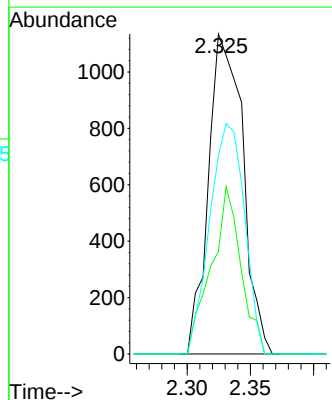
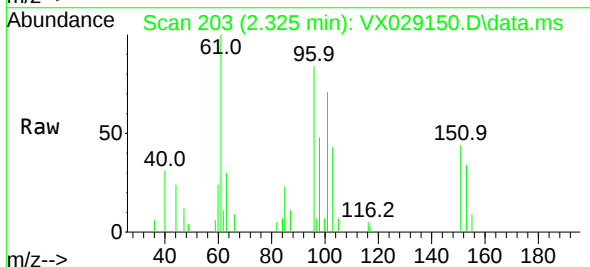
Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20220525

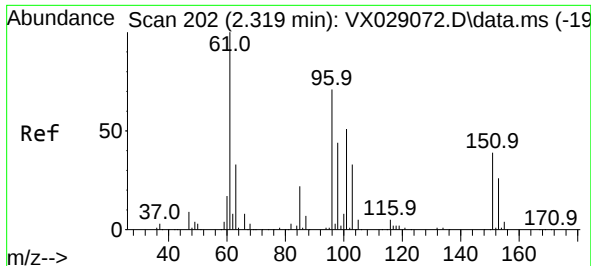
Tgt Ion: 62 Resp: 1118
 Ion Ratio Lower Upper
 62 100
 64 17.0 25.5 38.3#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.776 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX029150.D
 Acq: 02 Jun 2022 20:59

Tgt Ion: 101 Resp: 2143
 Ion Ratio Lower Upper
 101 100
 85 45.1 33.5 50.3
 151 72.9 61.8 92.6

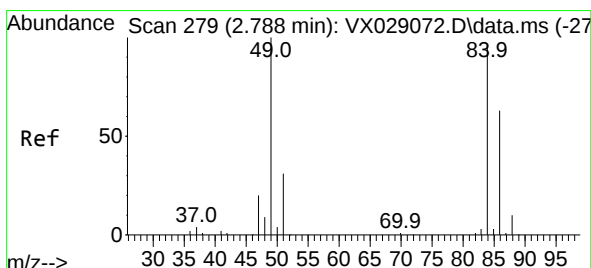
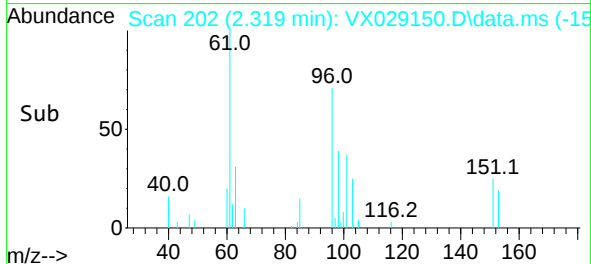
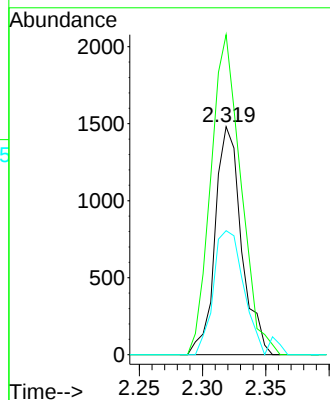
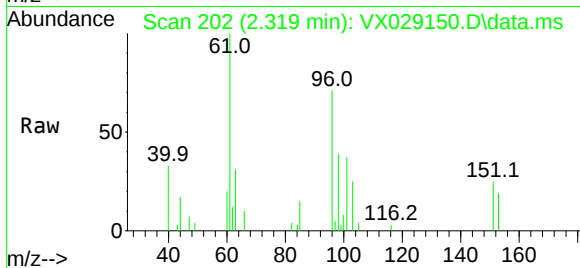




#12
1,1-Dichloroethene
Concen: 0.794 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX029150.D
Acq: 02 Jun 2022 20:59

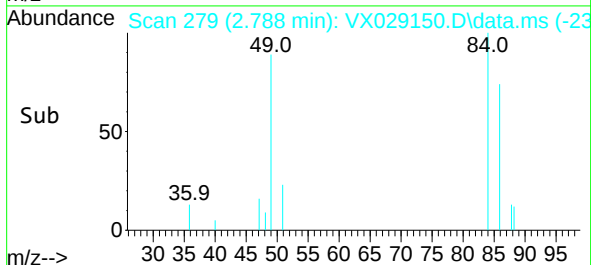
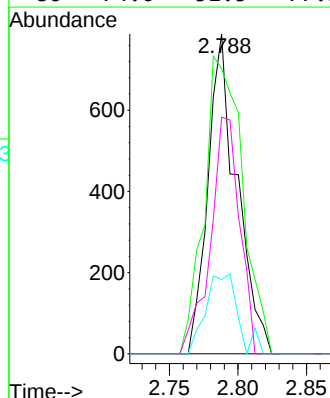
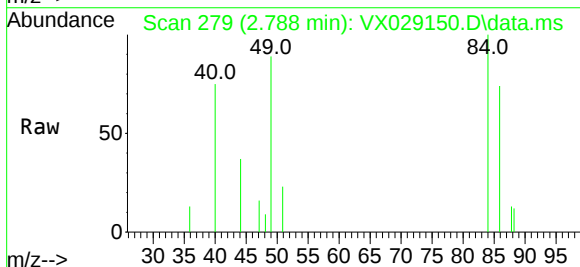
Instrument :
MSVOA_X
ClientSampleId :
29BR-20220525

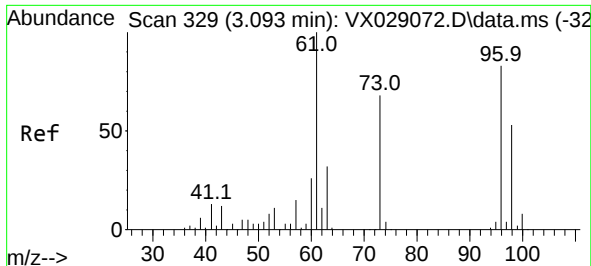
Tgt Ion: 96 Resp: 2143
Ion Ratio Lower Upper
96 100
61 140.3 124.6 187.0
98 54.4 51.0 76.4



#20
Methylene Chloride
Concen: 0.373 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029150.D
Acq: 02 Jun 2022 20:59

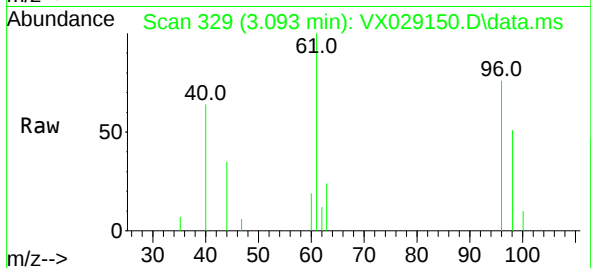
Tgt Ion: 84 Resp: 1157
Ion Ratio Lower Upper
84 100
49 89.2 85.5 128.3
51 23.2 26.6 39.8#
86 74.0 51.5 77.3



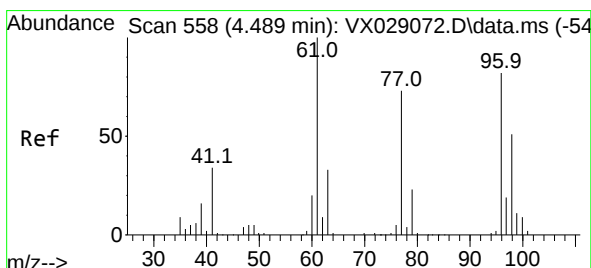
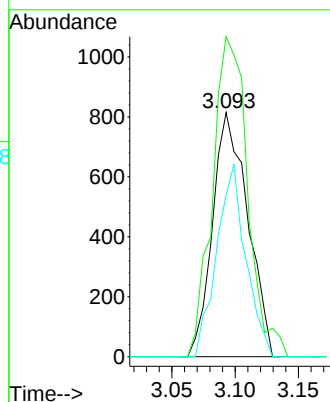
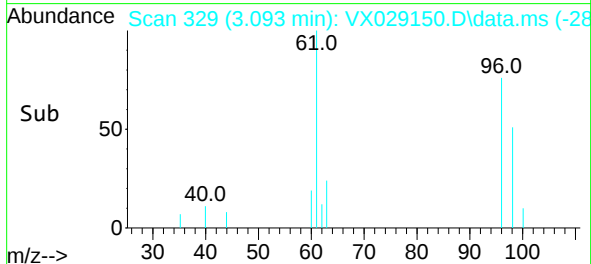


#21
trans-1,2-Dichloroethene
Concen: 0.516 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029150.D
Acq: 02 Jun 2022 20:59

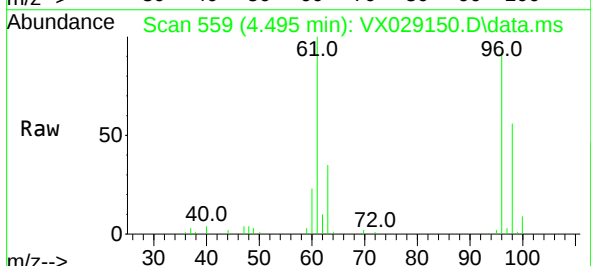
Instrument :
MSVOA_X
ClientSampleId :
29BR-20220525



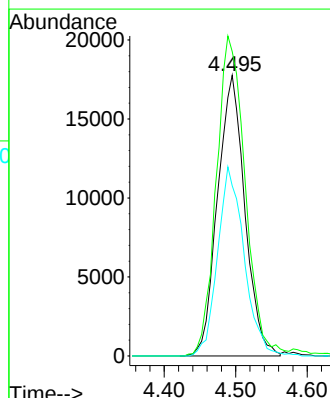
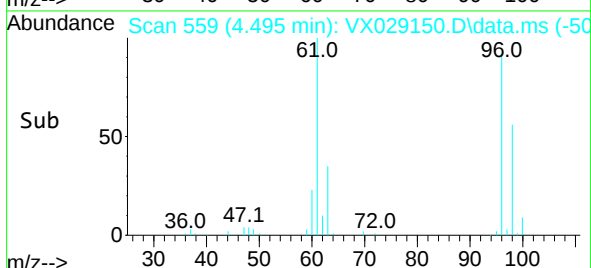
Tgt Ion: 96 Resp: 1571
Ion Ratio Lower Upper
96 100
61 131.0 105.4 158.2
98 66.3 50.0 75.0

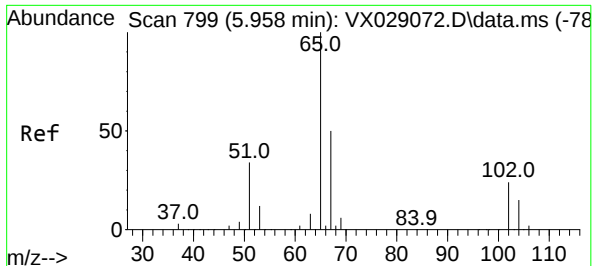


#27
cis-1,2-Dichloroethene
Concen: 12.952 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX029150.D
Acq: 02 Jun 2022 20:59



Tgt Ion: 96 Resp: 47010
Ion Ratio Lower Upper
96 100
61 120.4 0.0 283.8
98 65.8 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 58.281 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029150.D

Acq: 02 Jun 2022 20:59

Instrument :

MSVOA_X

ClientSampleId :

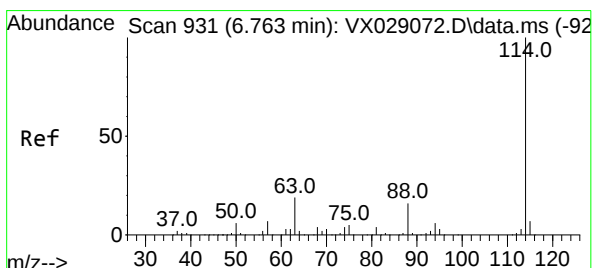
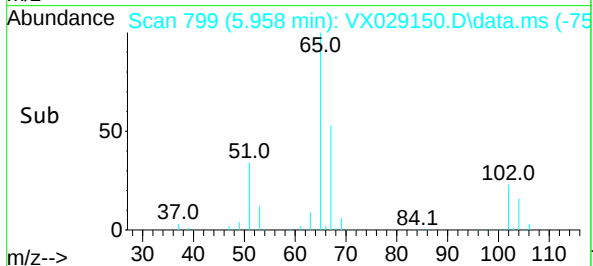
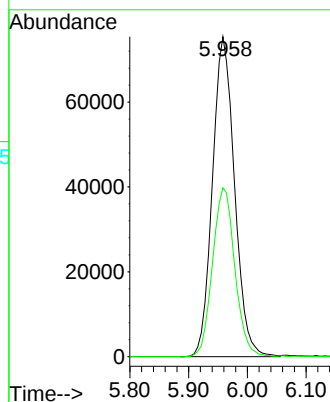
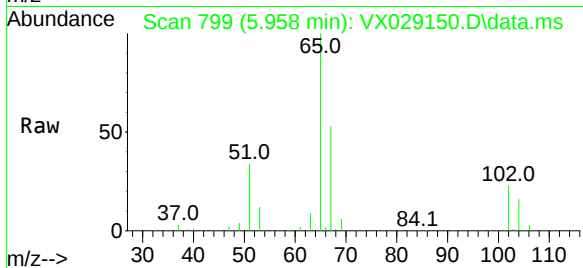
29BR-20220525

Tgt Ion: 65 Resp: 196710

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: VX029150.D

Acq: 02 Jun 2022 20:59

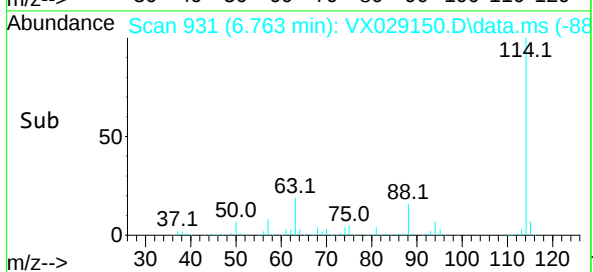
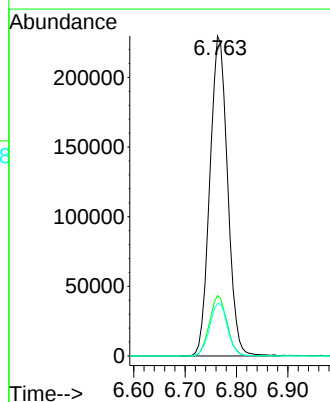
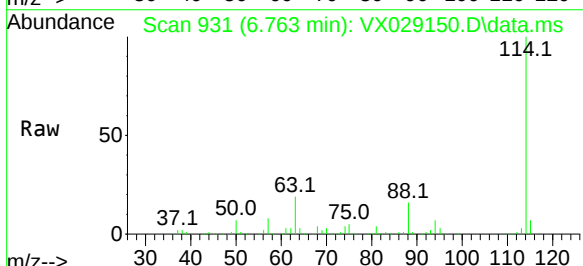
Tgt Ion: 114 Resp: 549512

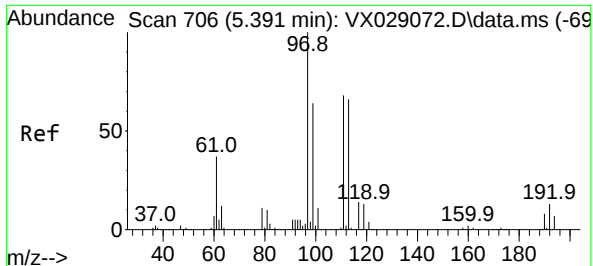
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.269 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029150.D

Acq: 02 Jun 2022 20:59

Instrument :

MSVOA_X

ClientSampleId :

29BR-20220525

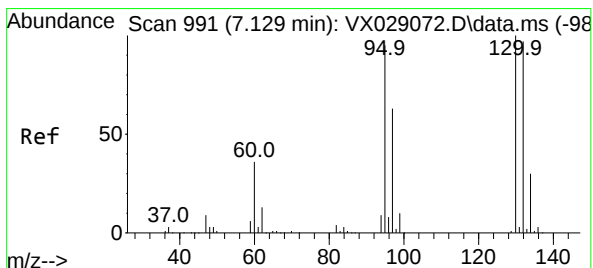
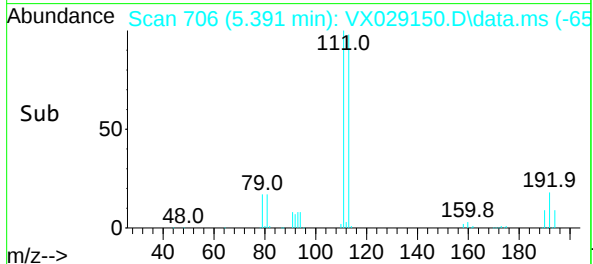
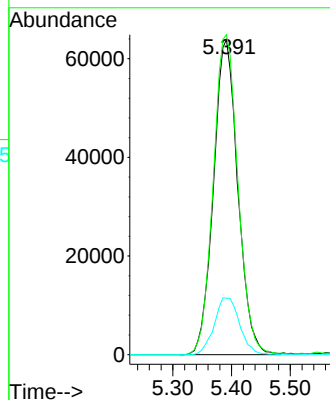
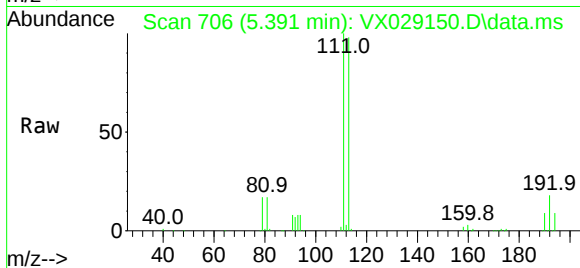
Tgt Ion:113 Resp: 183482

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

192 18.8 16.9 25.3



#44

Trichloroethene

Concen: 123.765 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029150.D

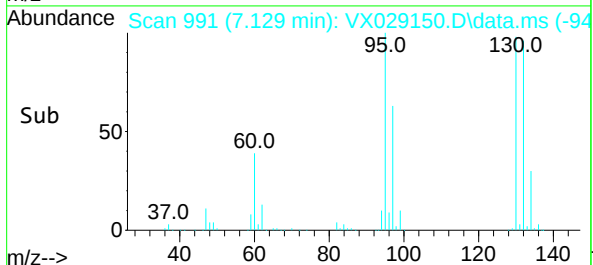
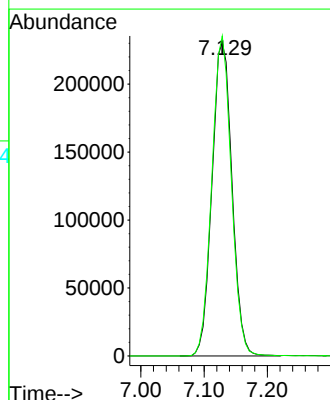
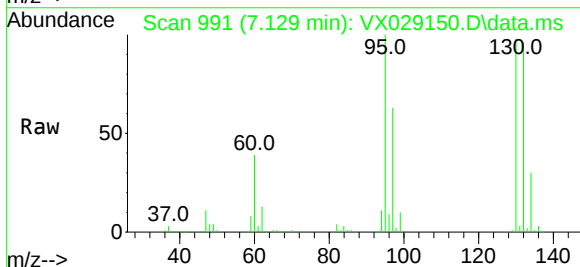
Acq: 02 Jun 2022 20:59

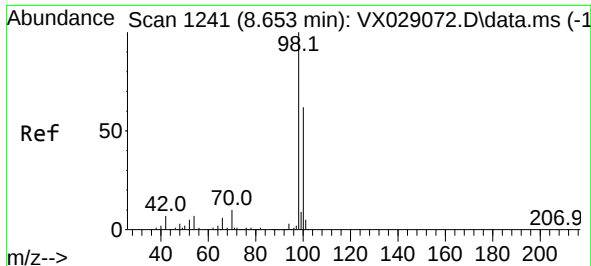
Tgt Ion:130 Resp: 506090

Ion Ratio Lower Upper

130 100

95 102.1 0.0 188.8

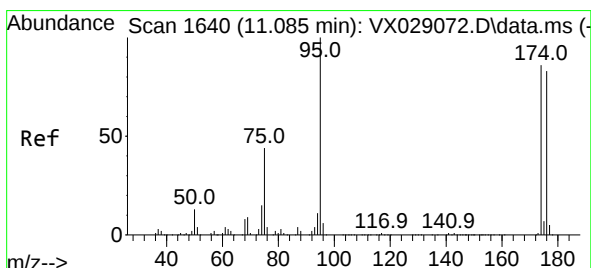
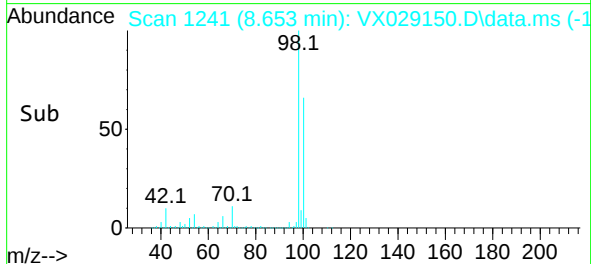
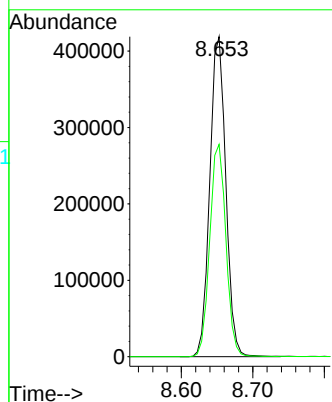
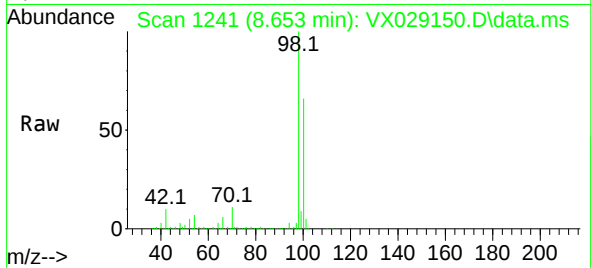




#50
Toluene-d8
Concen: 48.824 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029150.D
Acq: 02 Jun 2022 20:59

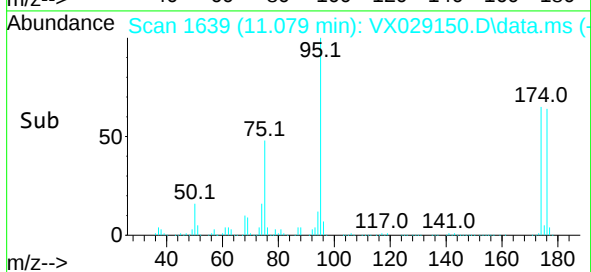
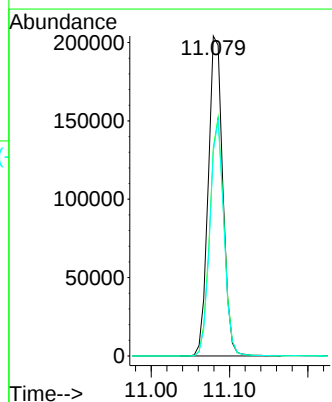
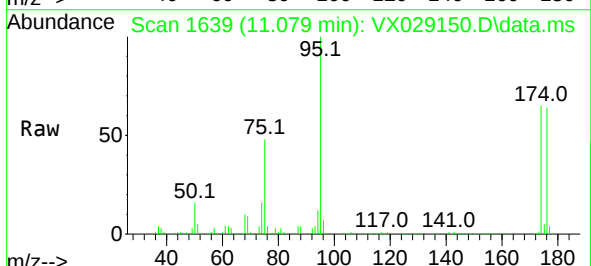
Instrument :
MSVOA_X
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29BR-20220525

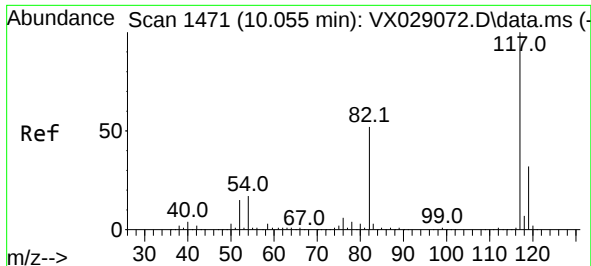
Tgt Ion: 98 Resp: 651770
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029150.D
Acq: 02 Jun 2022 20:59

Tgt Ion: 95 Resp: 262522
Ion Ratio Lower Upper
95 100
174 73.2 0.0 163.0
176 71.1 0.0 155.0

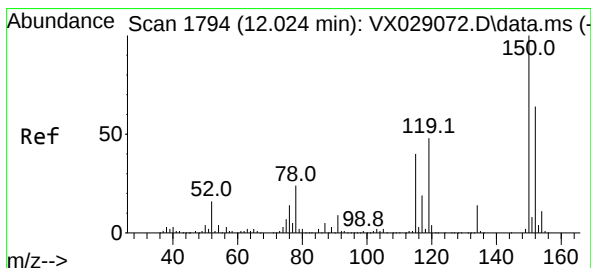
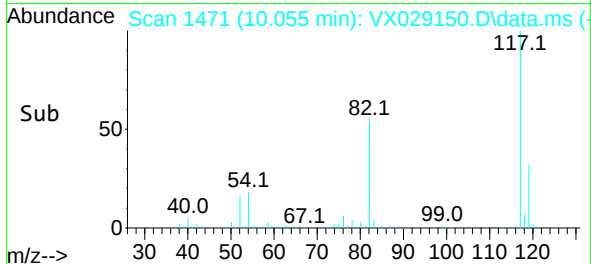
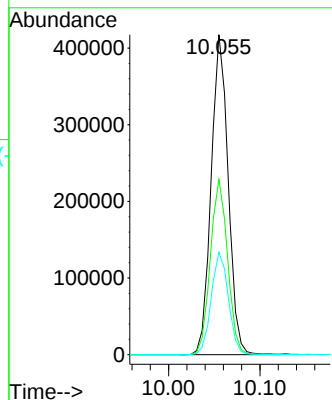
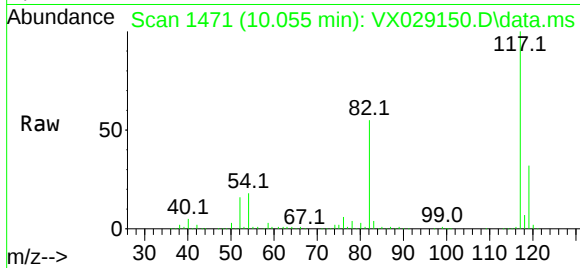




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029150.D
Acq: 02 Jun 2022 20:59

Instrument :
MSVOA_X
ClientSampleId :
29BR-20220525

Tgt Ion:117 Resp: 538498
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 32.0 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: VX029150.D
Acq: 02 Jun 2022 20:59

Tgt Ion:152 Resp: 252997
Ion Ratio Lower Upper
152 100
115 63.3 37.5 112.7
150 157.5 0.0 338.2

