

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060122\
 Data File : VX029122.D
 Acq On : 01 Jun 2022 16:44
 Operator : JC/MD
 Sample : N3022-14 25X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20220525

Quant Time: Jun 02 04:48:59 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)

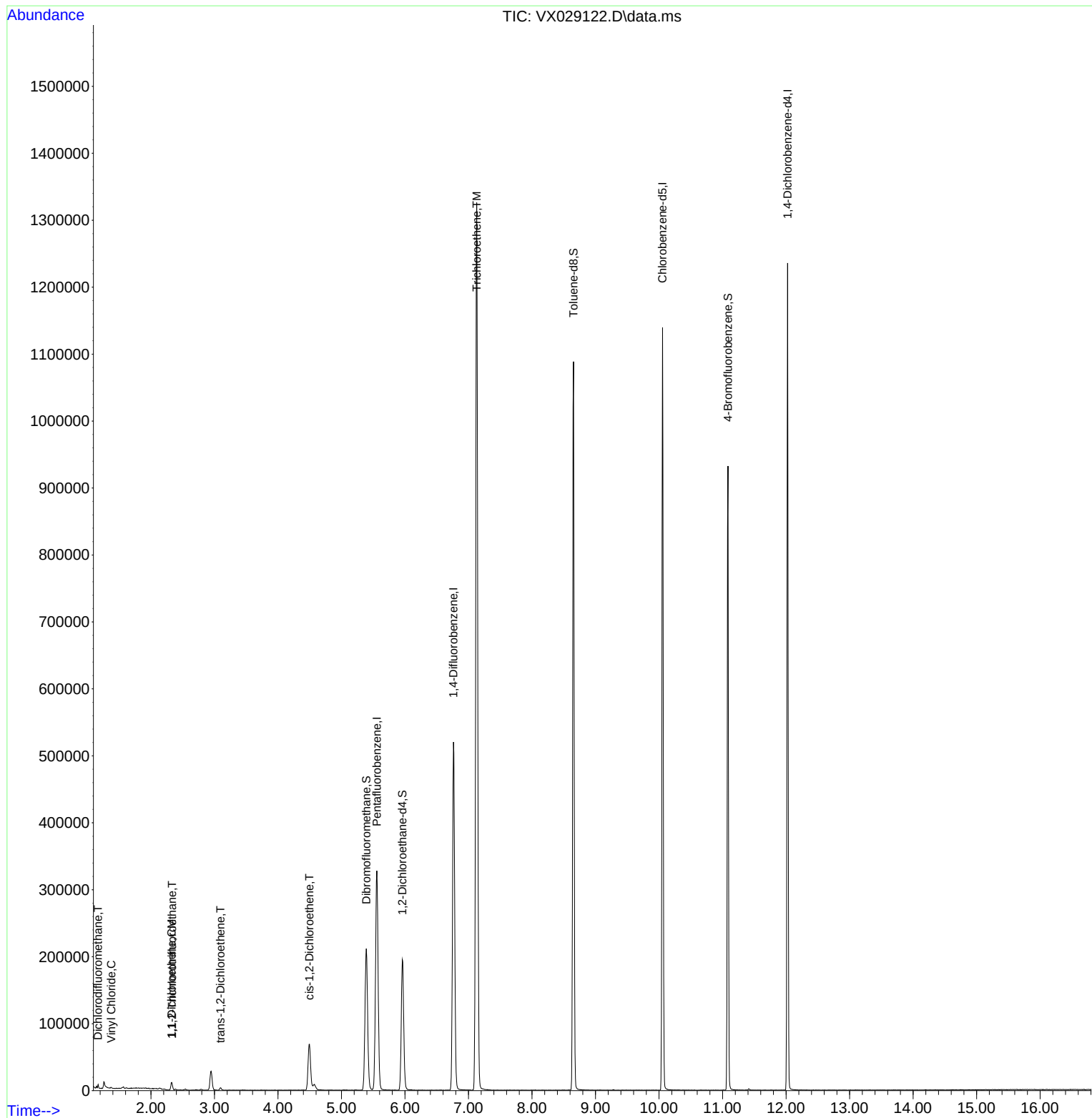
Internal Standards						
1) Pentafluorobenzene	5.556	168	332493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	572792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	558449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	188646	50.315	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.620%	
35) Dibromofluoromethane	5.391	113	188141	49.451	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.900%	
50) Toluene-d8	8.653	98	672700	48.343	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.680%	
62) 4-Bromofluorobenzene	11.085	95	257853	47.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	2942	1.018	ug/l	94
4) Vinyl Chloride	1.374	62	1175	0.353	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	2775	0.905	ug/l	99
12) 1,1-Dichloroethene	2.325	96	2441	0.815	ug/l	82
21) trans-1,2-Dichloroethene	3.093	96	1840	0.544	ug/l #	90
27) cis-1,2-Dichloroethene	4.495	96	48861	12.119	ug/l	85
44) Trichloroethene	7.129	130	559763	131.370	ug/l	98

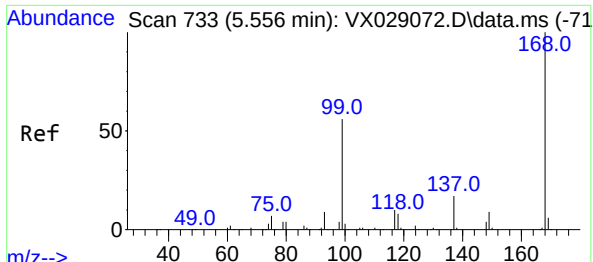
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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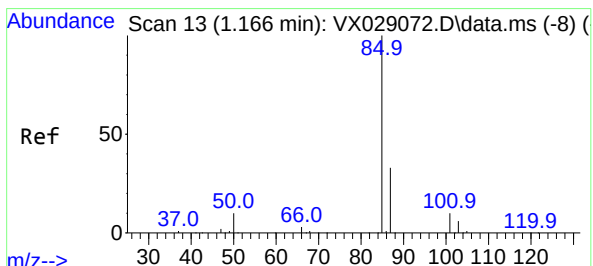
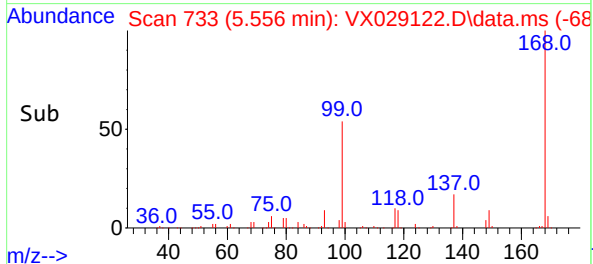
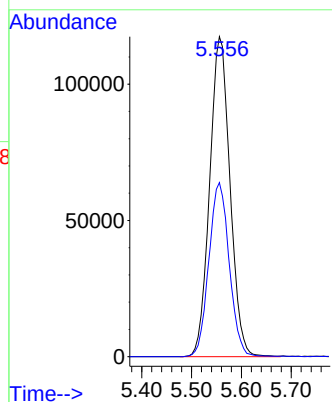
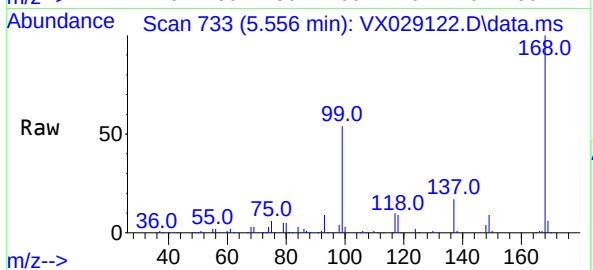




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029122.D
Acq: 01 Jun 2022 16:44

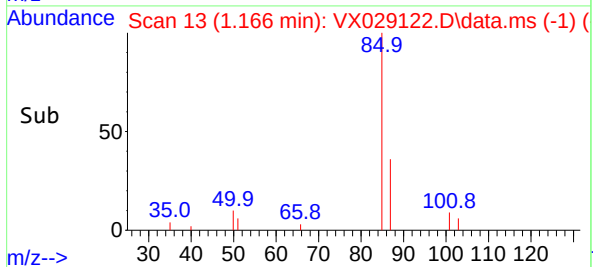
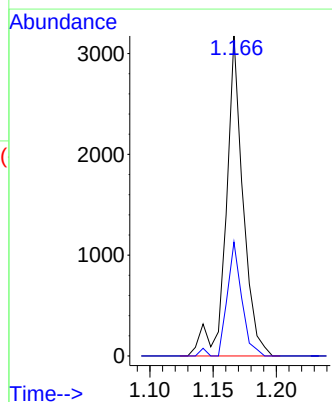
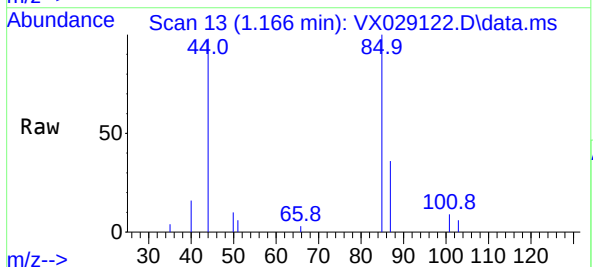
Instrument :
MSVOA_X
ClientSampleId :
29BR-20220525

Tgt Ion:168 Resp: 332493
Ion Ratio Lower Upper
168 100
99 54.4 41.7 62.5

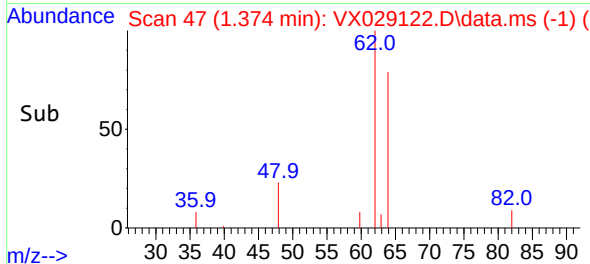
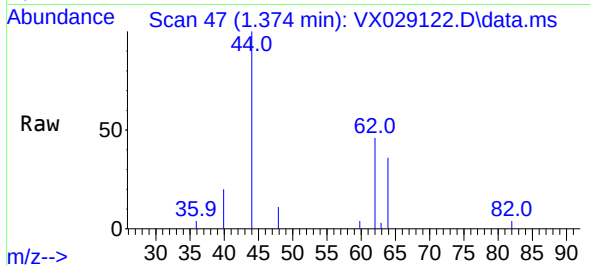
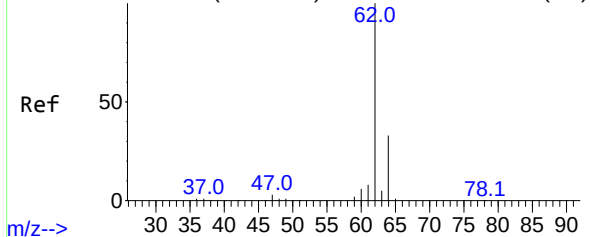


#2
Dichlorodifluoromethane
Concen: 1.018 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029122.D
Acq: 01 Jun 2022 16:44

Tgt Ion: 85 Resp: 2942
Ion Ratio Lower Upper
85 100
87 35.6 16.2 48.6



Abundance Scan 47 (1.374 min): VX029072.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 0.353 ug/l

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX029122.D

Acq: 01 Jun 2022 16:44

Instrument :

MSVOA_X

ClientSampleId :

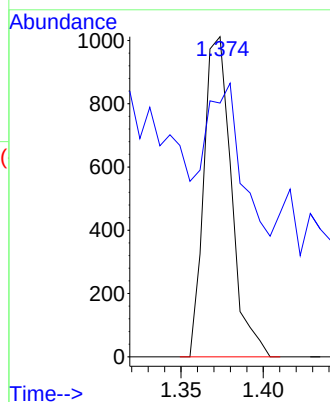
29BR-20220525

Tgt Ion: 62 Resp: 1175

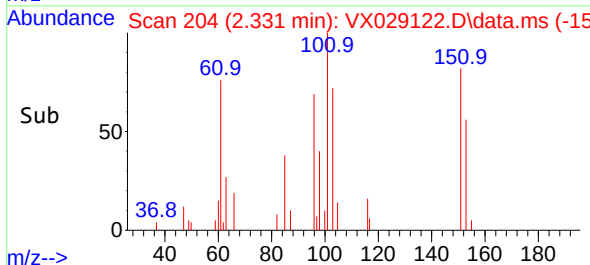
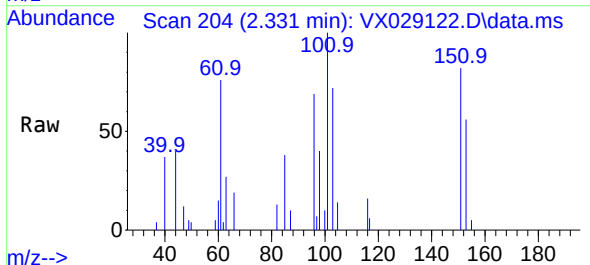
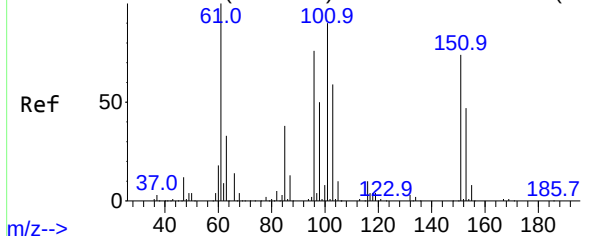
Ion Ratio Lower Upper

62 100

64 34.3 25.5 38.3



Abundance Scan 203 (2.325 min): VX029072.D\data.ms (-19)



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.905 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.006 min

Lab File: VX029122.D

Acq: 01 Jun 2022 16:44

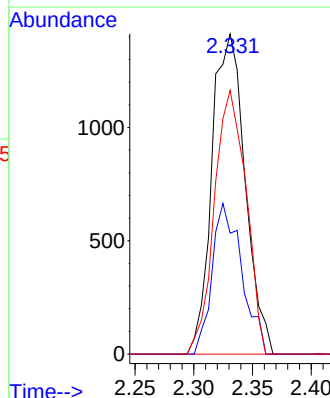
Tgt Ion: 101 Resp: 2775

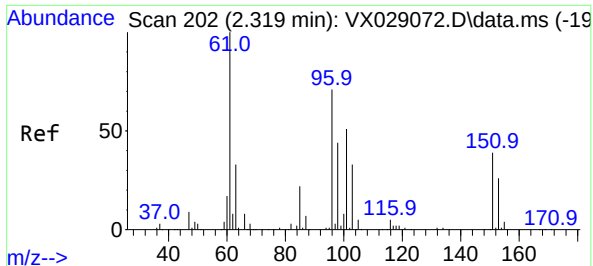
Ion Ratio Lower Upper

101 100

85 42.0 33.5 50.3

151 78.8 61.8 92.6





#12

1,1-Dichloroethene

Concen: 0.815 ug/l

RT: 2.325 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX029122.D

Acq: 01 Jun 2022 16:44

Instrument :

MSVOA_X

ClientSampleId :

29BR-20220525

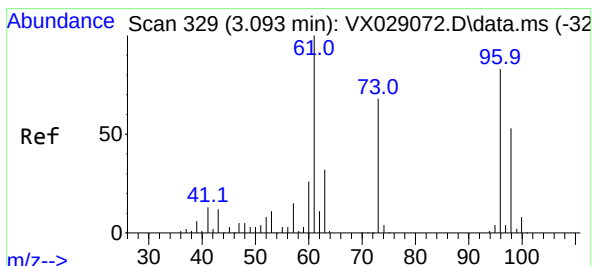
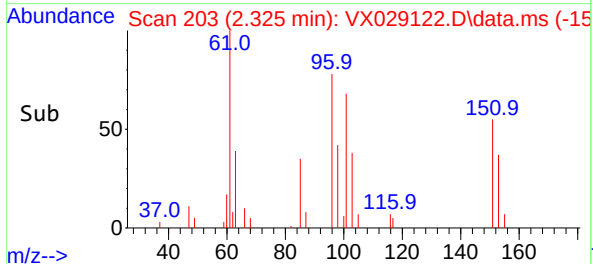
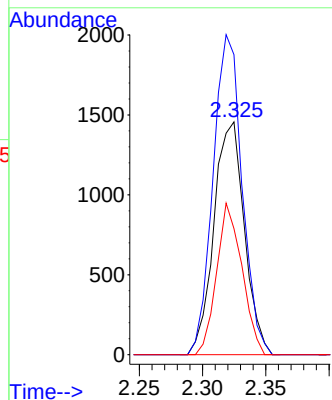
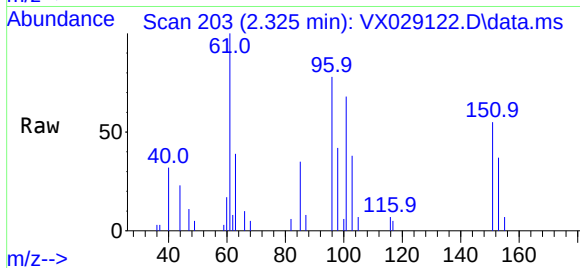
Tgt Ion: 96 Resp: 2441

Ion Ratio Lower Upper

96 100

61 128.8 124.6 187.0

98 54.2 51.0 76.4



#21

trans-1,2-Dichloroethene

Concen: 0.544 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX029122.D

Acq: 01 Jun 2022 16:44

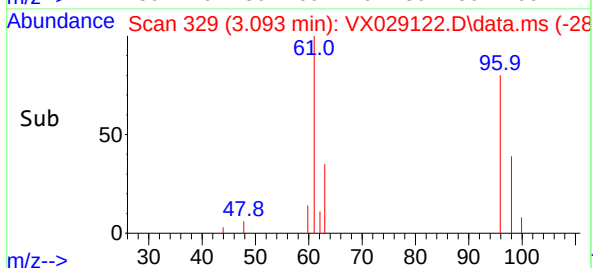
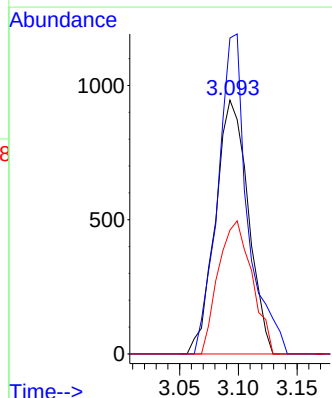
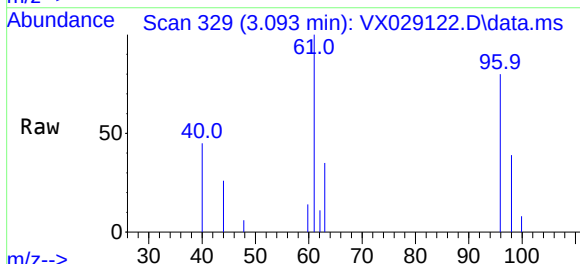
Tgt Ion: 96 Resp: 1840

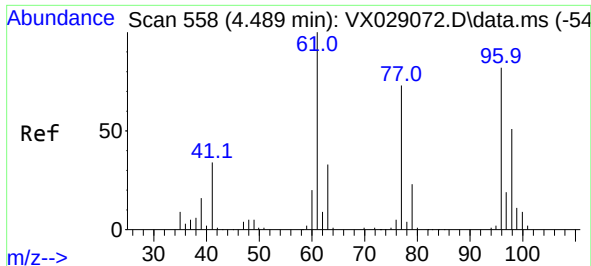
Ion Ratio Lower Upper

96 100

61 124.6 105.4 158.2

98 48.8 50.0 75.0#





#27

cis-1,2-Dichloroethene

Concen: 12.119 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX029122.D

Acq: 01 Jun 2022 16:44

Instrument :

MSVOA_X

ClientSampleId :

29BR-20220525

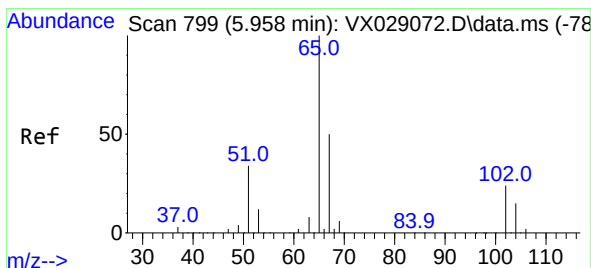
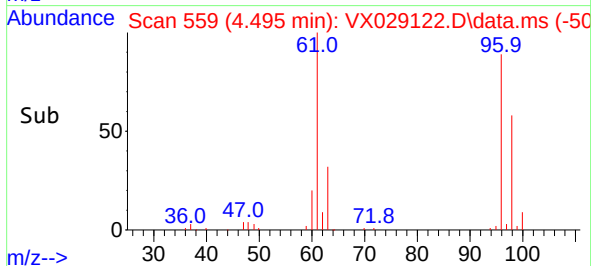
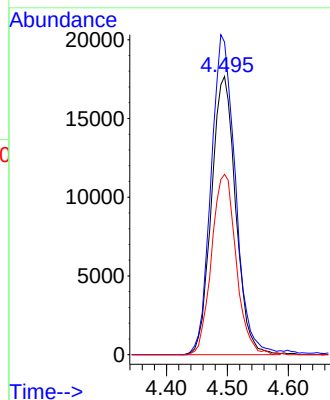
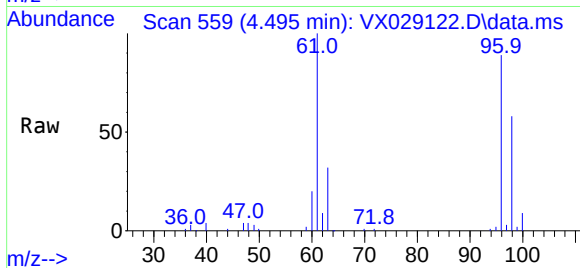
Tgt Ion: 96 Resp: 48861

Ion Ratio Lower Upper

96 100

61 116.2 0.0 283.8

98 65.6 0.0 129.8



#33

1,2-Dichloroethane-d4

Concen: 50.315 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029122.D

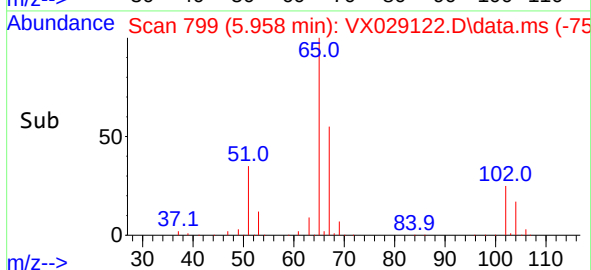
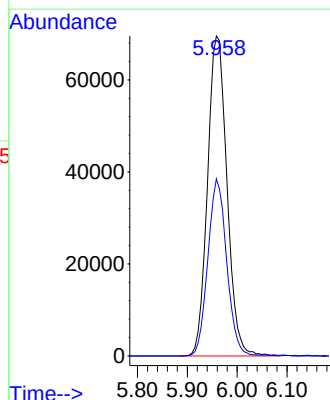
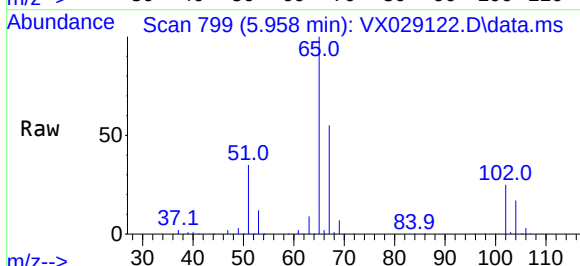
Acq: 01 Jun 2022 16:44

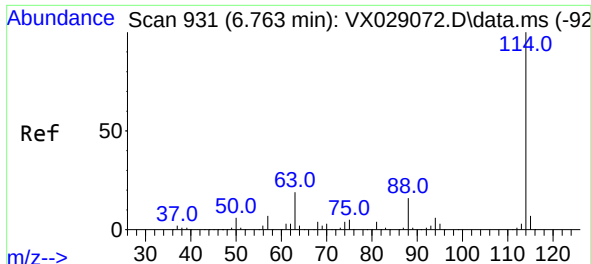
Tgt Ion: 65 Resp: 188646

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.4

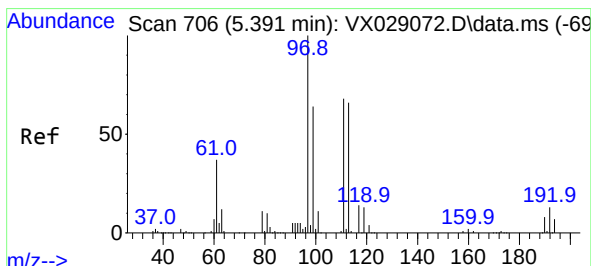
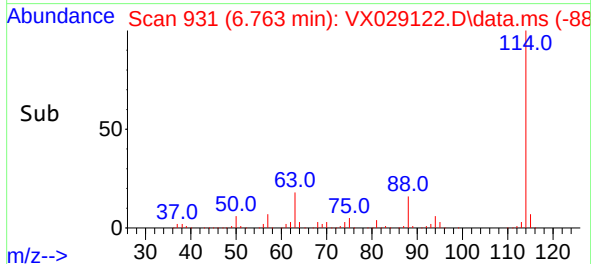
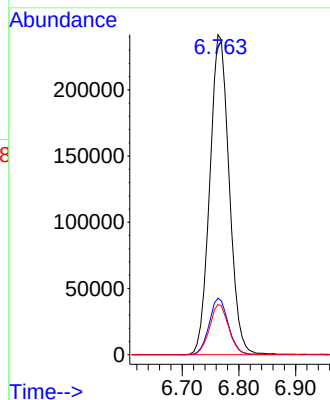
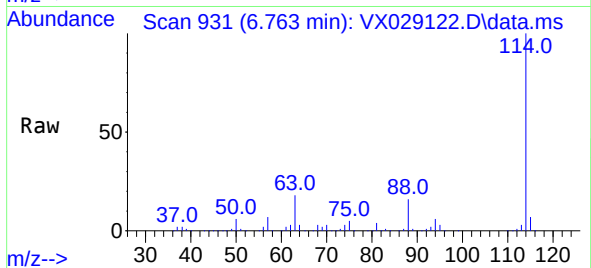




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029122.D
Acq: 01 Jun 2022 16:44

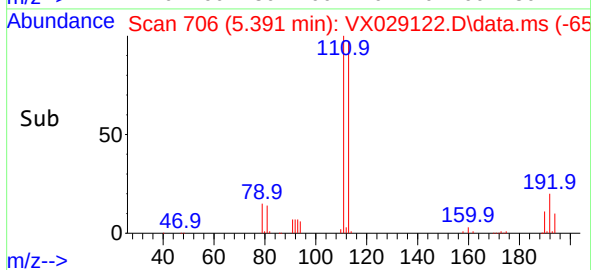
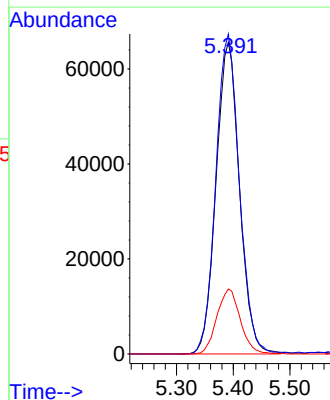
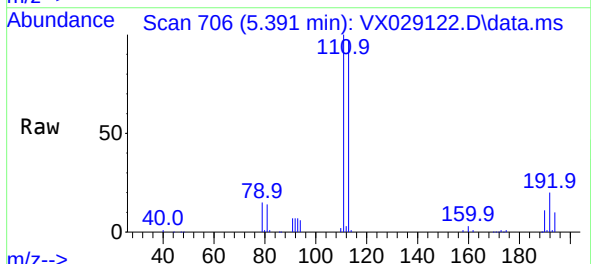
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ClientSampleId :
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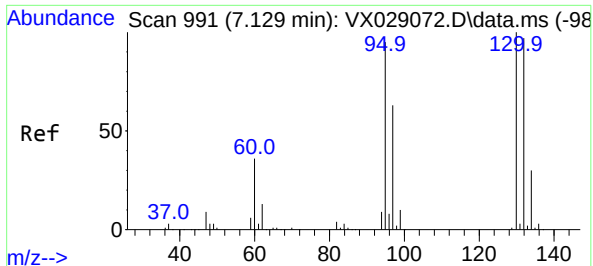
Tgt Ion:114 Resp: 572792
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.451 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029122.D
Acq: 01 Jun 2022 16:44

Tgt Ion:113 Resp: 188141
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 20.9 16.9 25.3

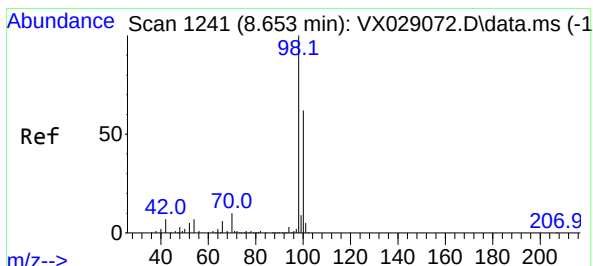
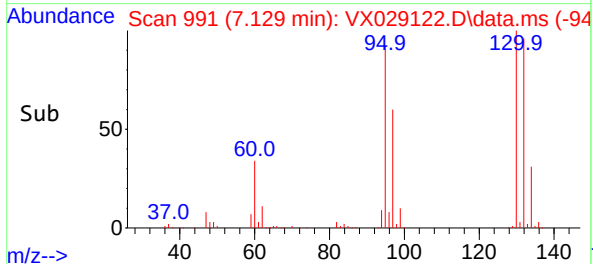
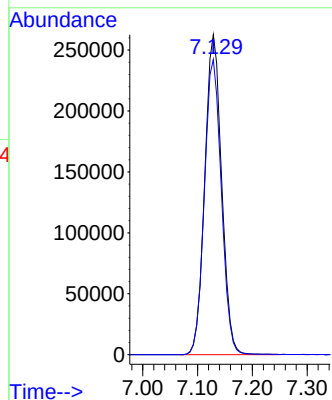
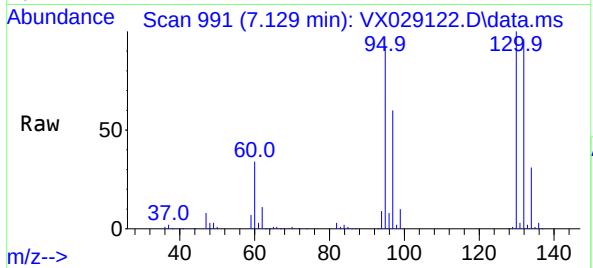




#44
Trichloroethene
Concen: 131.370 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029122.D
Acq: 01 Jun 2022 16:44

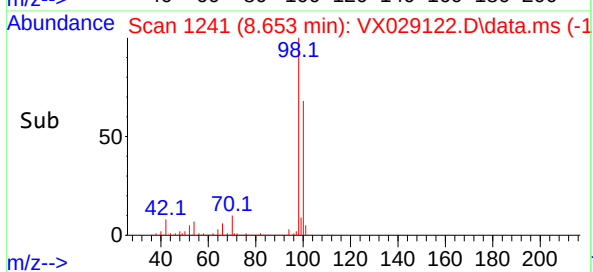
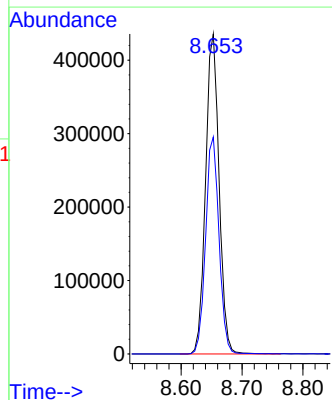
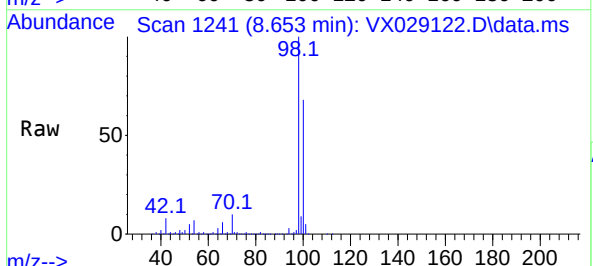
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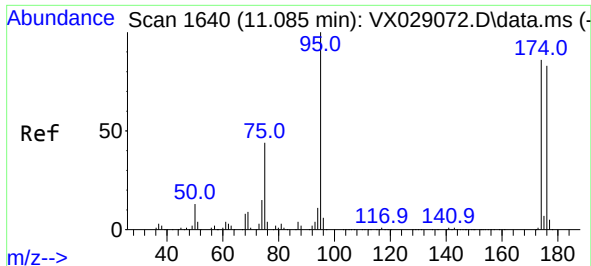
Tgt Ion:130 Resp: 559763
Ion Ratio Lower Upper
130 100
95 92.2 0.0 188.8



#50
Toluene-d8
Concen: 48.343 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029122.D
Acq: 01 Jun 2022 16:44

Tgt Ion: 98 Resp: 672700
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8

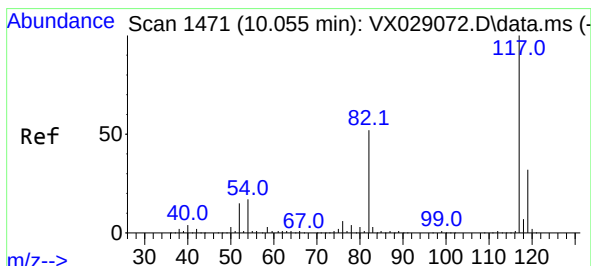
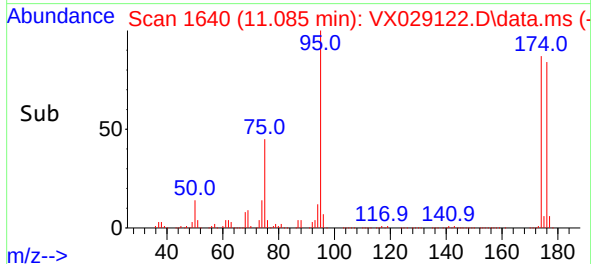
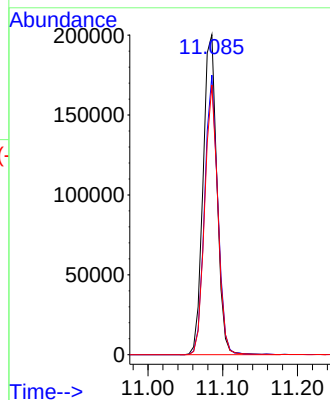
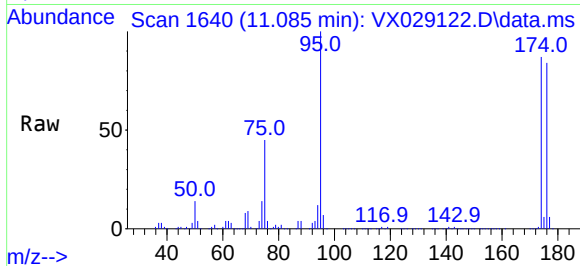




#62
4-Bromofluorobenzene
Concen: 47.938 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029122.D
Acq: 01 Jun 2022 16:44

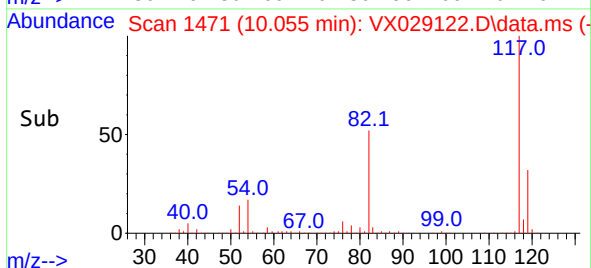
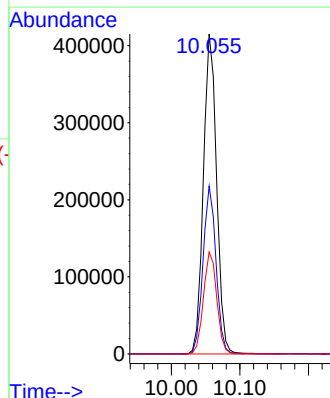
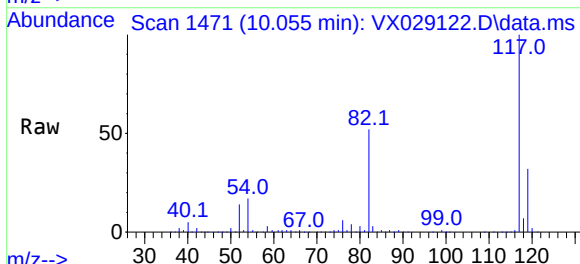
Instrument :
MSVOA_X
ClientSampleId :
29BR-20220525

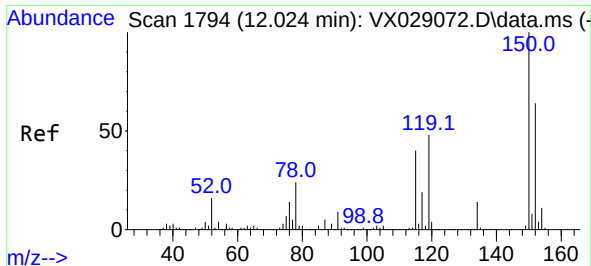
Tgt Ion: 95 Resp: 257853
Ion Ratio Lower Upper
95 100
174 83.0 0.0 163.0
176 80.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029122.D
Acq: 01 Jun 2022 16:44

Tgt Ion: 117 Resp: 558449
Ion Ratio Lower Upper
117 100
82 52.5 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: VX029122.D

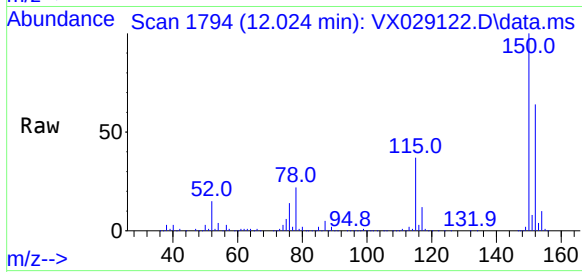
Acq: 01 Jun 2022 16:44

Instrument :

MSVOA_X

ClientSampleId :

29BR-20220525



Tgt Ion:152 Resp: 264151

Ion Ratio Lower Upper

152 100

115 59.1 37.5 112.7

150 158.9 0.0 338.2

