

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029154.D
 Acq On : 02 Jun 2022 22:56
 Operator : JC/MD
 Sample : N3164-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 07BR-20220531

Quant Time: Jun 03 04:35:17 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)

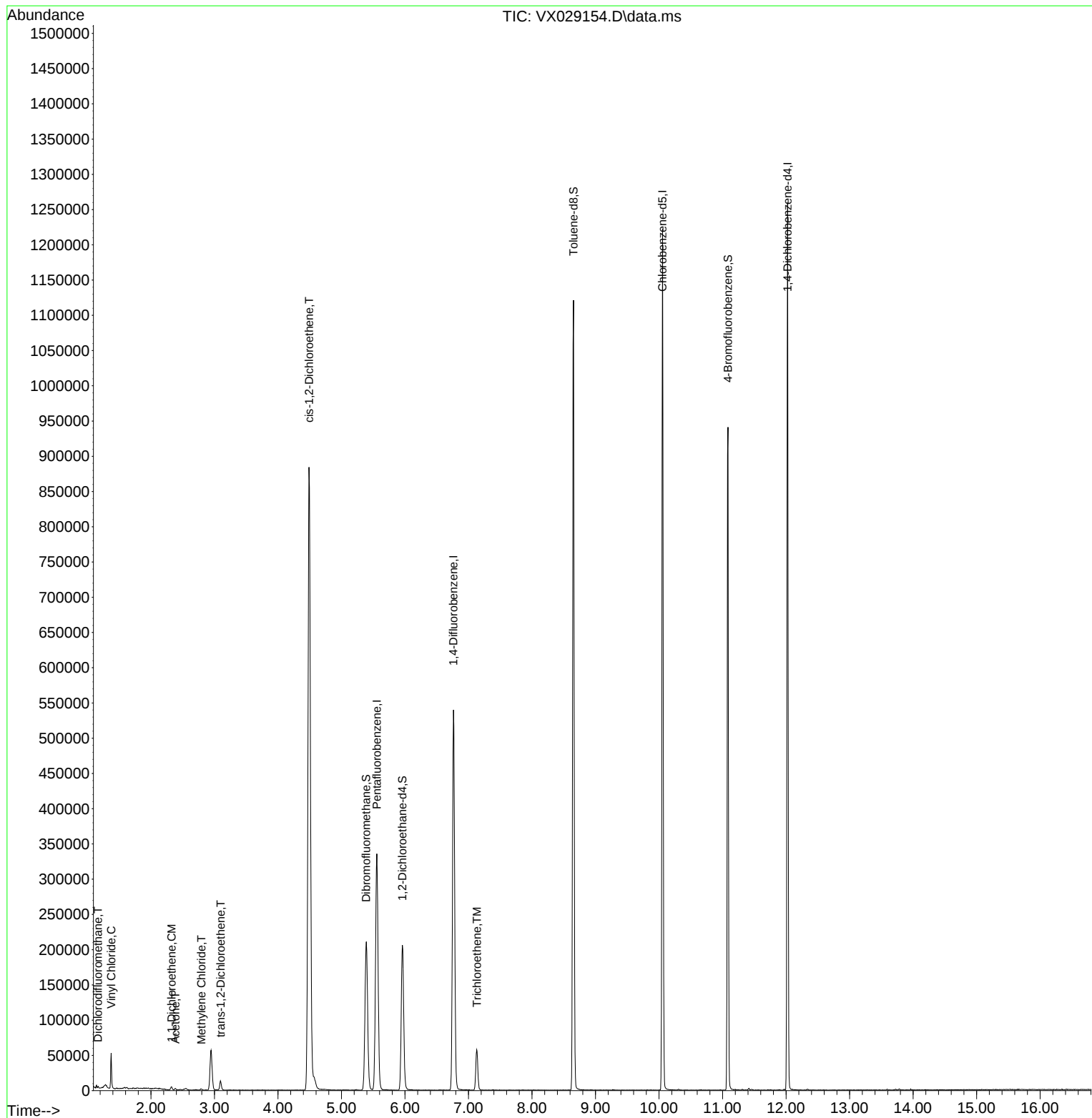
Internal Standards						
1) Pentafluorobenzene	5.556	168	312069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	571997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	551872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	255270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	202837	57.640	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.280%
35) Dibromofluoromethane	5.385	113	188760	49.682	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.360%
50) Toluene-d8	8.653	98	673240	48.449	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.900%
62) 4-Bromofluorobenzene	11.085	95	267512	49.803	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.600%
Target Compounds						
2) Dichlorodifluoromethane	1.166	85	1524	0.562	ug/l	90
4) Vinyl Chloride	1.374	62	30351	9.721	ug/l	97
12) 1,1-Dichloroethene	2.325	96	1734	0.616	ug/l	89
16) Acetone	2.386	43	2305	1.663	ug/l	88
20) Methylene Chloride	2.794	84	862	0.267	ug/l #	75
21) trans-1,2-Dichloroethene	3.099	96	5253	1.655	ug/l #	85
27) cis-1,2-Dichloroethene	4.489	96	597533	157.901	ug/l	85
44) Trichloroethene	7.135	130	23857	4.925	ug/l	95

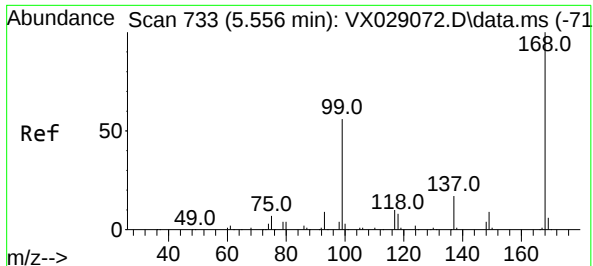
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
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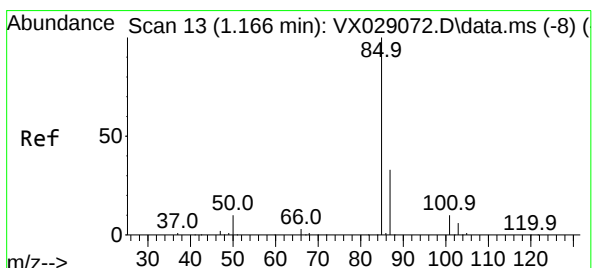
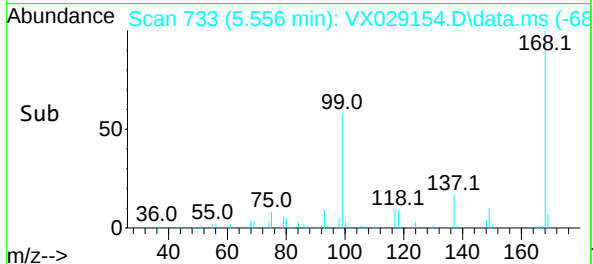
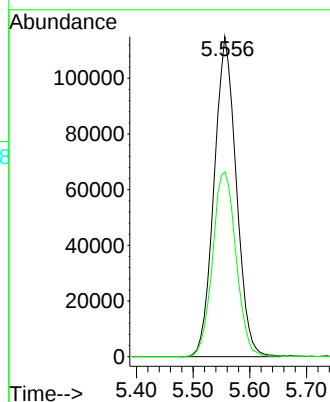
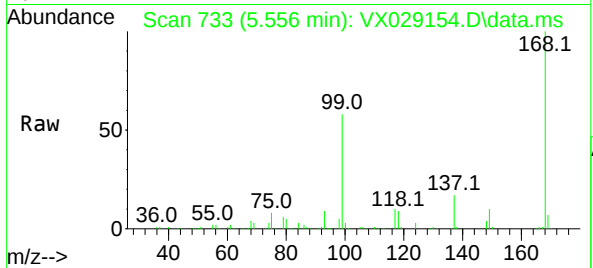




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029154.D
Acq: 02 Jun 2022 22:56

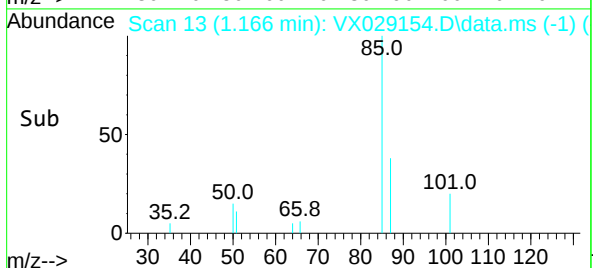
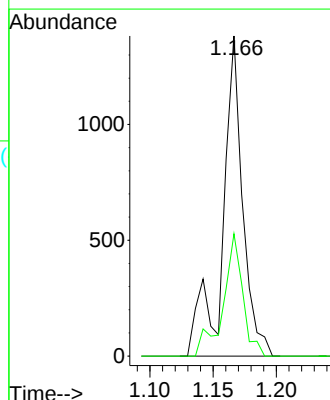
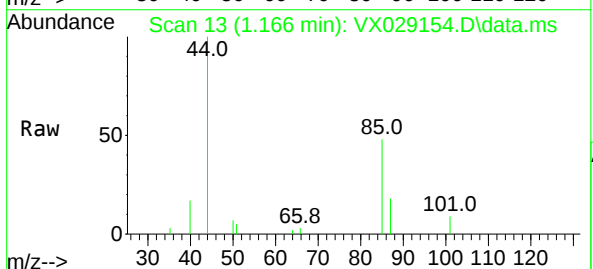
Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531

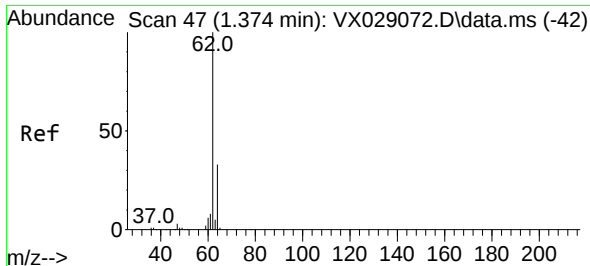
Tgt Ion:168 Resp: 312069
Ion Ratio Lower Upper
168 100
99 57.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.562 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029154.D
Acq: 02 Jun 2022 22:56

Tgt Ion: 85 Resp: 1524
Ion Ratio Lower Upper
85 100
87 38.2 16.2 48.6

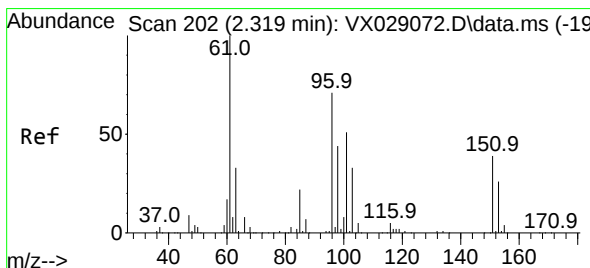
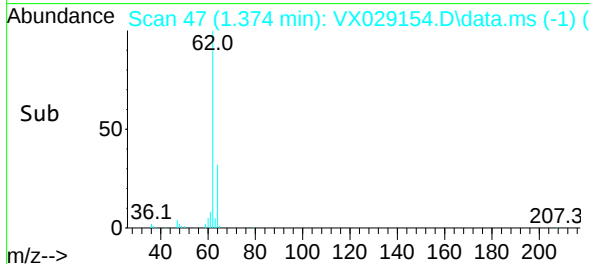
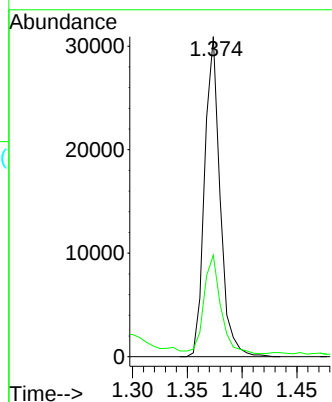
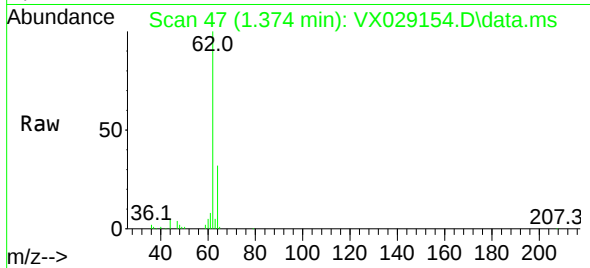




#4
 Vinyl Chloride
 Concen: 9.721 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029154.D
 Acq: 02 Jun 2022 22:56

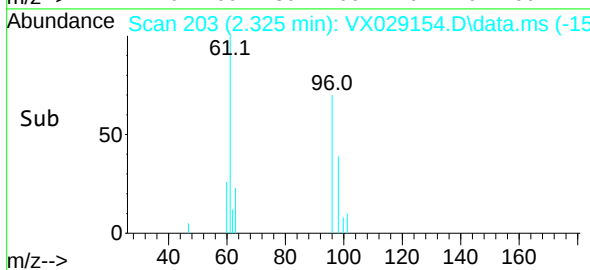
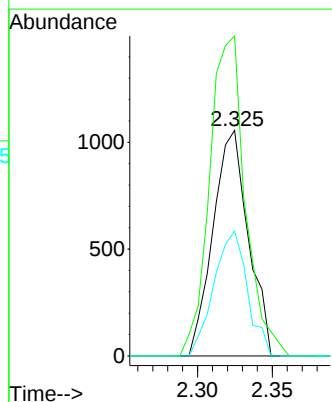
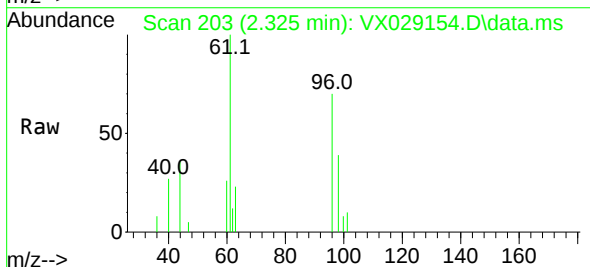
Instrument :
 MSVOA_X
 ClientSampleId :
 07BR-20220531

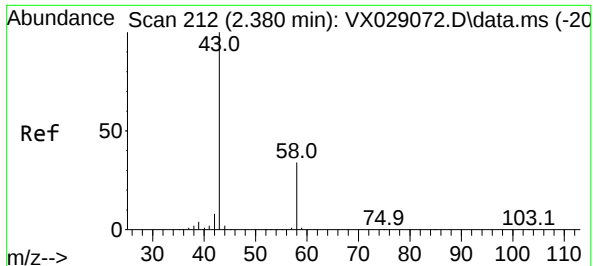
Tgt Ion: 62 Resp: 30351
 Ion Ratio Lower Upper
 62 100
 64 30.4 25.5 38.3



#12
 1,1-Dichloroethene
 Concen: 0.616 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX029154.D
 Acq: 02 Jun 2022 22:56

Tgt Ion: 96 Resp: 1734
 Ion Ratio Lower Upper
 96 100
 61 141.9 124.6 187.0
 98 55.4 51.0 76.4

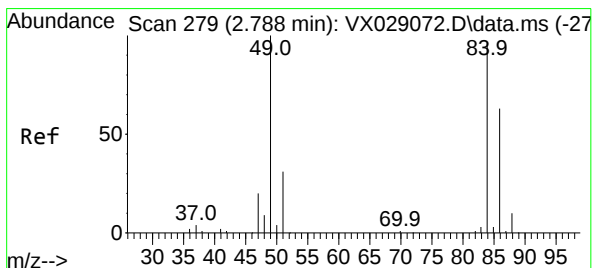
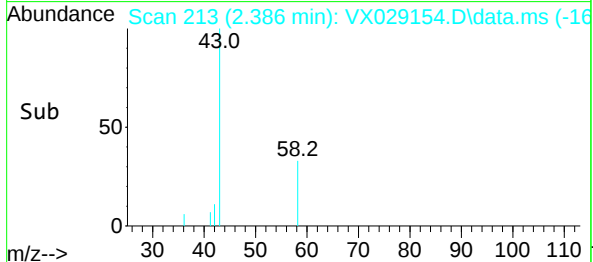
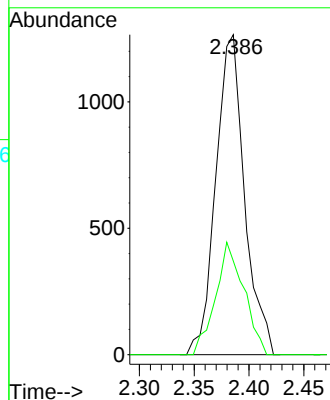
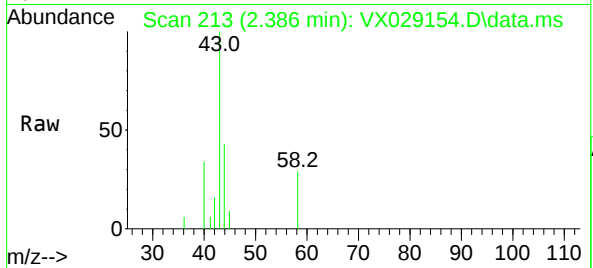




#16
Acetone
Concen: 1.663 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029154.D
Acq: 02 Jun 2022 22:56

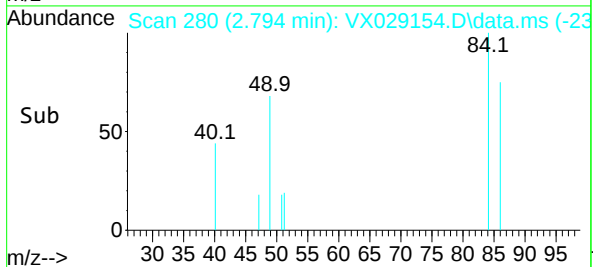
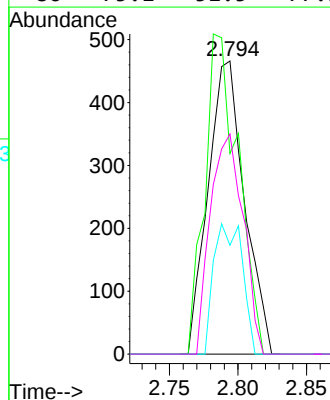
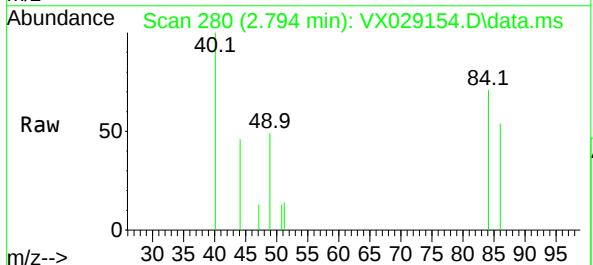
Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531

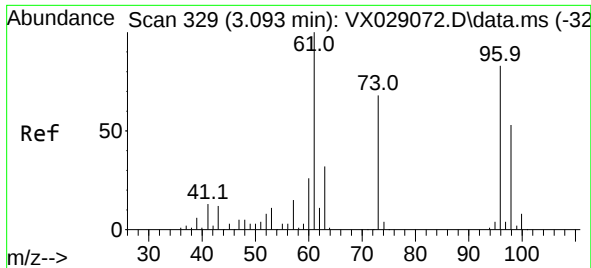
Tgt Ion: 43 Resp: 2305
Ion Ratio Lower Upper
43 100
58 29.2 28.8 43.2



#20
Methylene Chloride
Concen: 0.267 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029154.D
Acq: 02 Jun 2022 22:56

Tgt Ion: 84 Resp: 862
Ion Ratio Lower Upper
84 100
49 68.5 85.5 128.3#
51 37.1 26.6 39.8
86 75.1 51.5 77.3

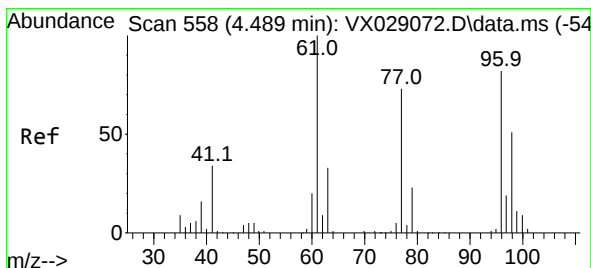
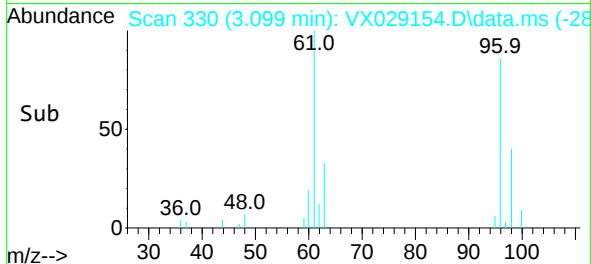
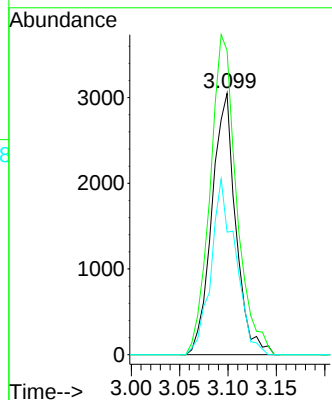
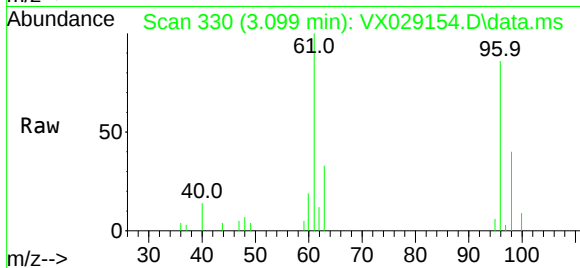




#21
trans-1,2-Dichloroethene
Concen: 1.655 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX029154.D
Acq: 02 Jun 2022 22:56

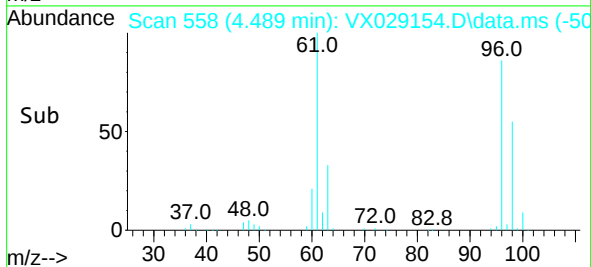
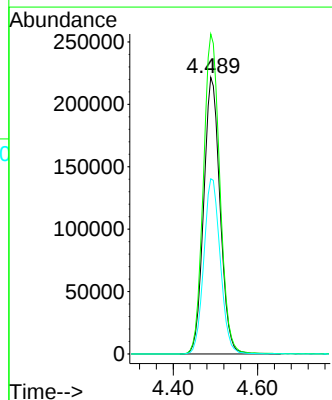
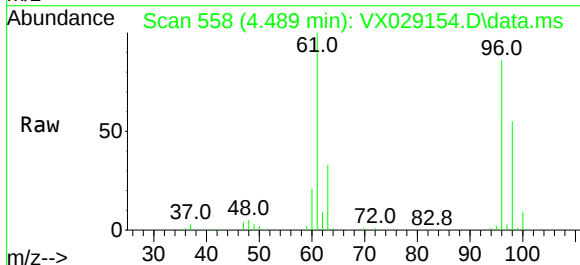
Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531

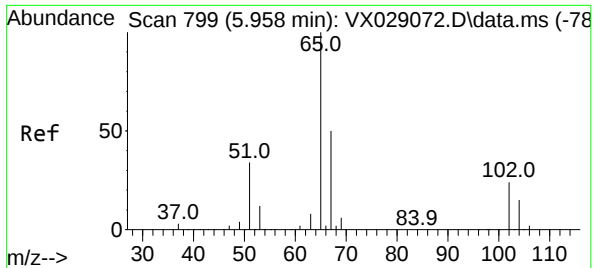
Tgt Ion: 96 Resp: 5253
Ion Ratio Lower Upper
96 100
61 116.4 105.4 158.2
98 46.9 50.0 75.0#



#27
cis-1,2-Dichloroethene
Concen: 157.901 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX029154.D
Acq: 02 Jun 2022 22:56

Tgt Ion: 96 Resp: 597533
Ion Ratio Lower Upper
96 100
61 116.7 0.0 283.8
98 63.9 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 57.640 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029154.D

Acq: 02 Jun 2022 22:56

Instrument :

MSVOA_X

ClientSampleId :

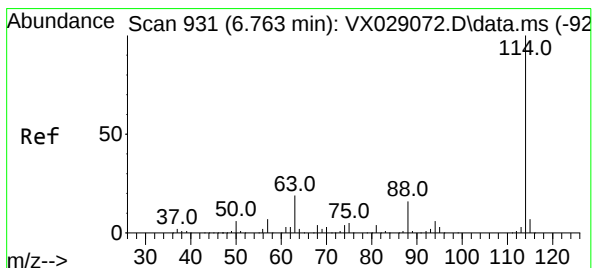
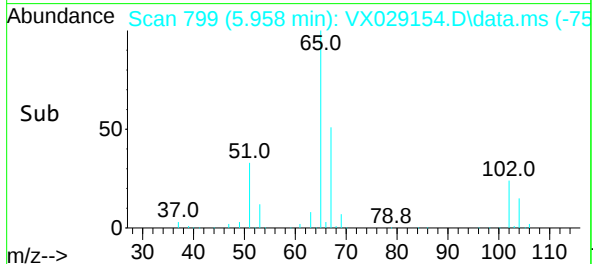
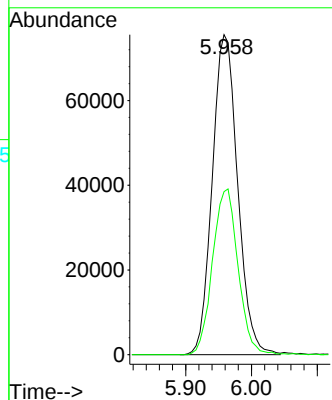
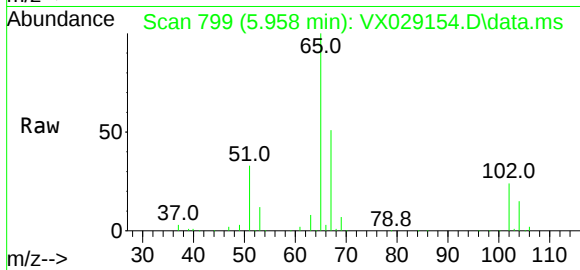
07BR-20220531

Tgt Ion: 65 Resp: 202837

Ion Ratio Lower Upper

65 100

67 52.0 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: VX029154.D

Acq: 02 Jun 2022 22:56

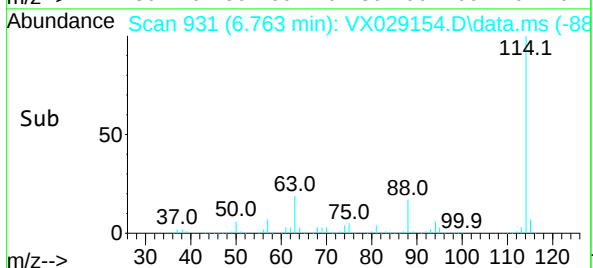
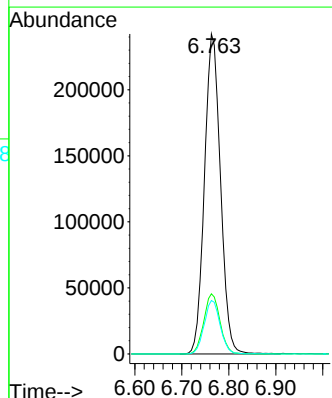
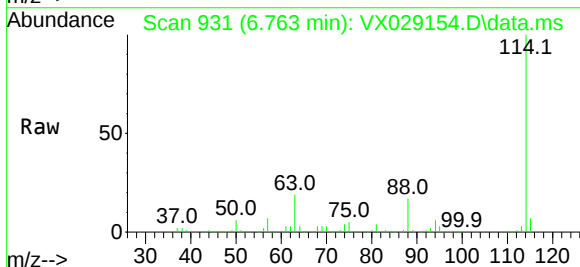
Tgt Ion: 114 Resp: 571997

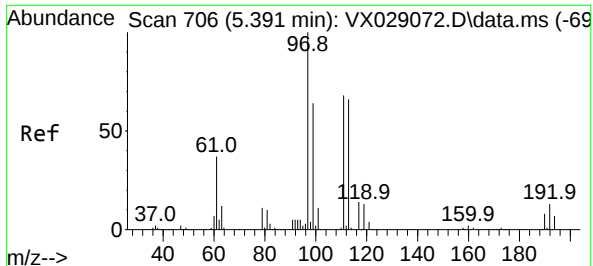
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

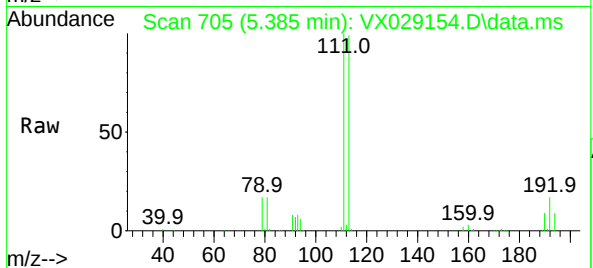
88 16.7 0.0 32.4



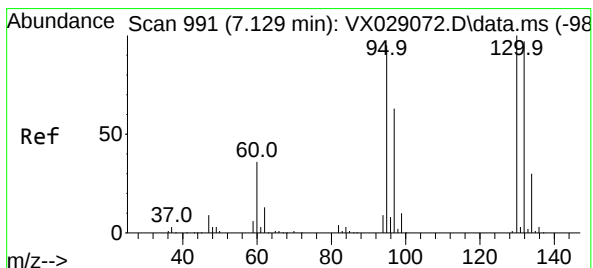
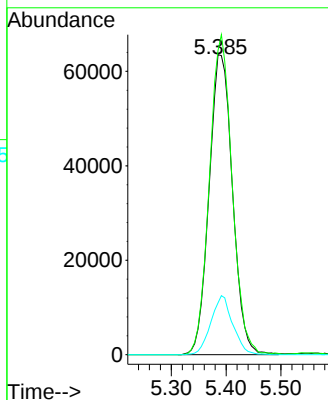
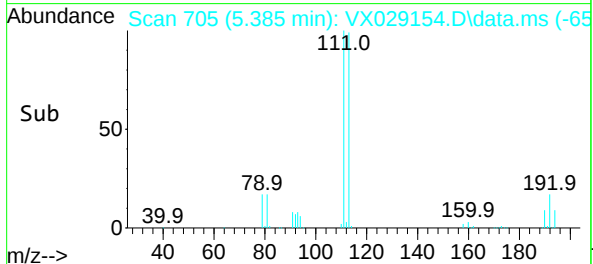


#35
Dibromofluoromethane
Concen: 49.682 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX029154.D
Acq: 02 Jun 2022 22:56

Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531

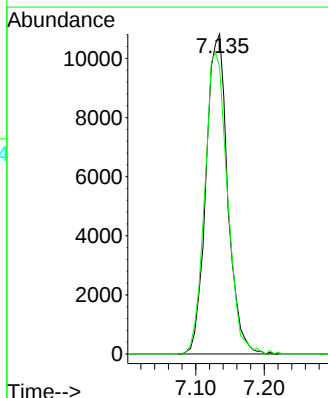
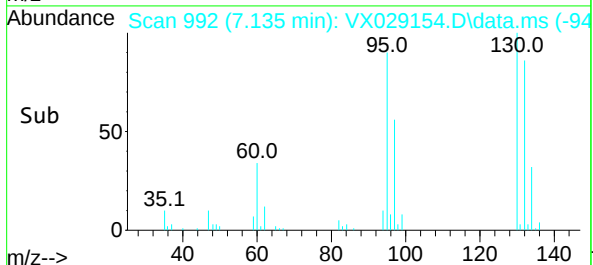
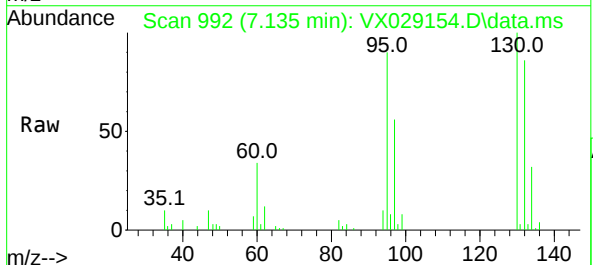


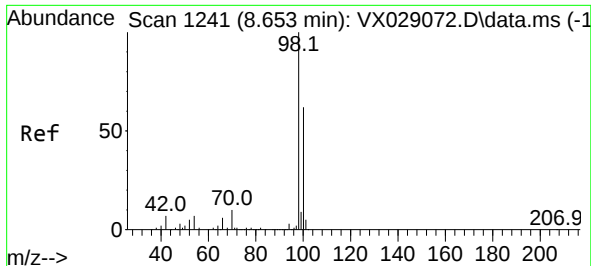
Tgt Ion:113 Resp: 188760
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 18.3 16.9 25.3



#44
Trichloroethene
Concen: 4.925 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029154.D
Acq: 02 Jun 2022 22:56

Tgt Ion:130 Resp: 23857
Ion Ratio Lower Upper
130 100
95 89.7 0.0 188.8

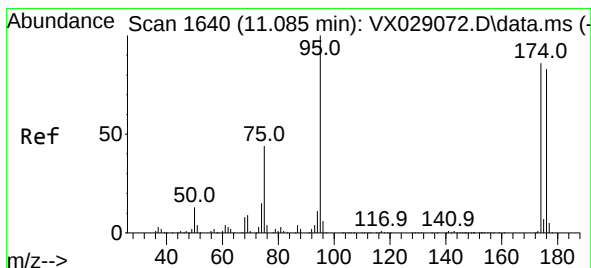
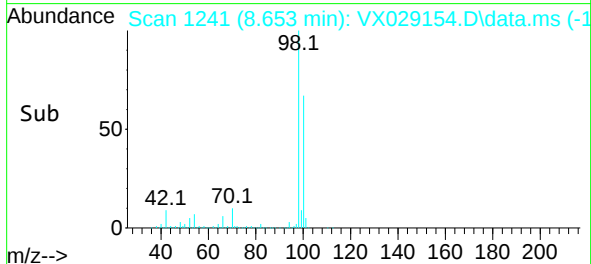
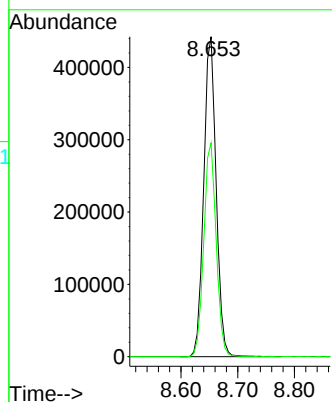
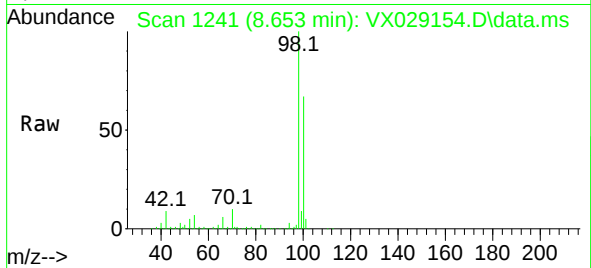




#50
Toluene-d8
Concen: 48.449 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029154.D
Acq: 02 Jun 2022 22:56

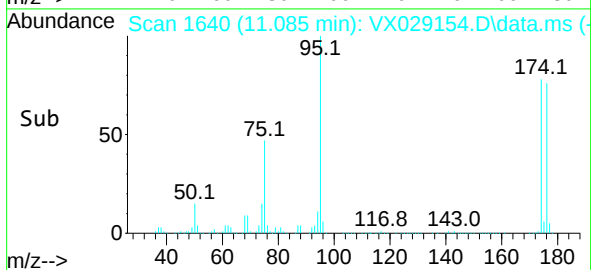
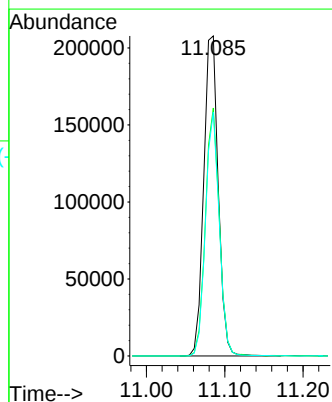
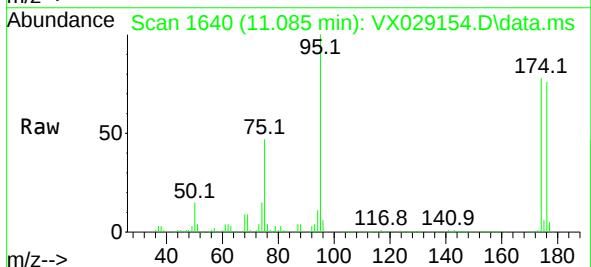
Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531

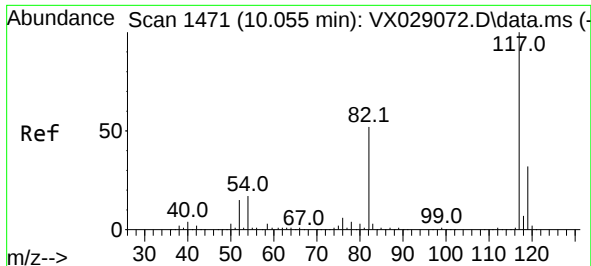
Tgt Ion: 98 Resp: 673240
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.803 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029154.D
Acq: 02 Jun 2022 22:56

Tgt Ion: 95 Resp: 267512
Ion Ratio Lower Upper
95 100
174 74.0 0.0 163.0
176 72.1 0.0 155.0

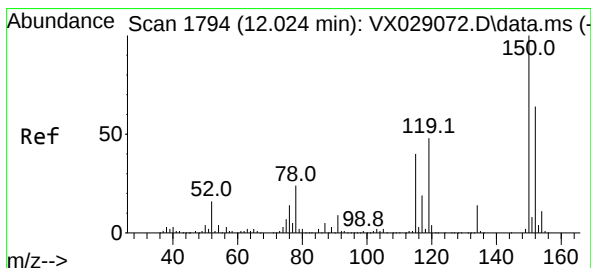
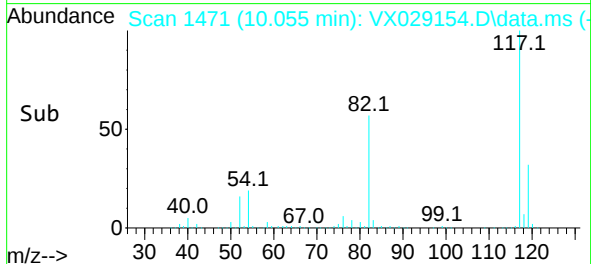
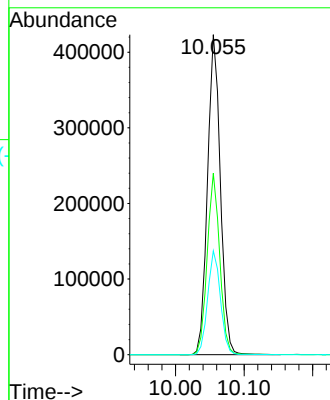
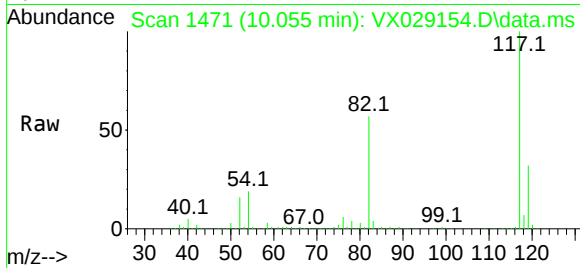




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029154.D
Acq: 02 Jun 2022 22:56

Instrument :
MSVOA_X
ClientSampleId :
07BR-20220531

Tgt Ion:117 Resp: 551872
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 32.4 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: VX029154.D
Acq: 02 Jun 2022 22:56

Tgt Ion:152 Resp: 255270
Ion Ratio Lower Upper
152 100
115 63.2 37.5 112.7
150 158.1 0.0 338.2

