

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029199.D
 Acq On : 03 Jun 2022 18:45
 Operator : JC/MD
 Sample : N3164-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 37S-20220531

Quant Time: Jun 06 02:36:41 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)

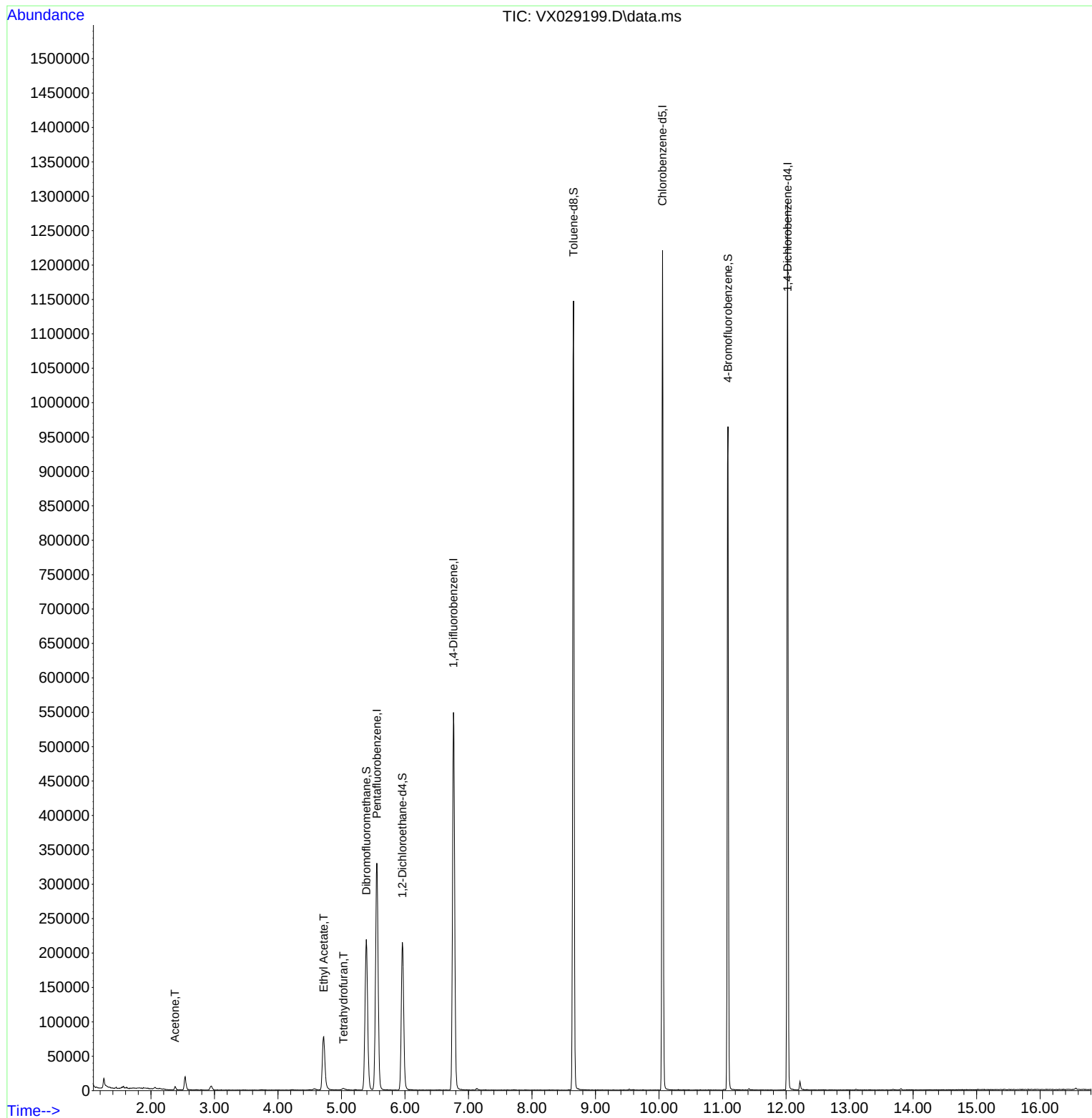
Internal Standards						
1) Pentafluorobenzene	5.556	168	310044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	583619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	571929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	209609	59.954	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	119.900%
35) Dibromofluoromethane	5.391	113	194563	50.190	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.380%
50) Toluene-d8	8.653	98	694324	48.972	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.940%
62) 4-Bromofluorobenzene	11.085	95	278306	50.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.560%
Target Compounds						
						Qvalue
16) Acetone	2.379	43	5088	3.696	ug/l	95
29) Tetrahydrofuran	5.031	42	2364	1.660	ug/l #	69
37) Ethyl Acetate	4.721	43	132739	27.459	ug/l	99

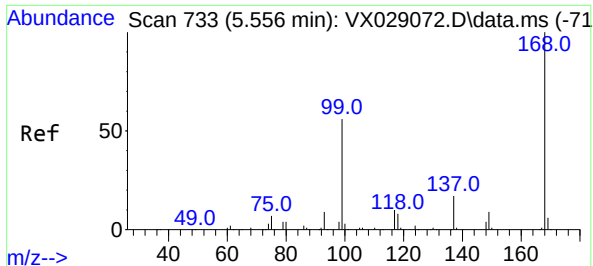
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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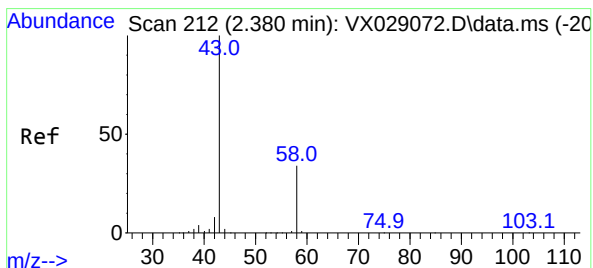
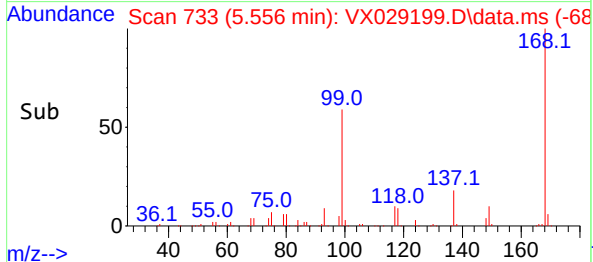
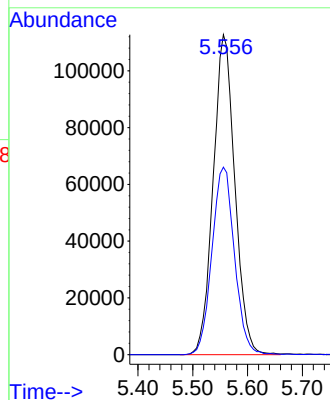
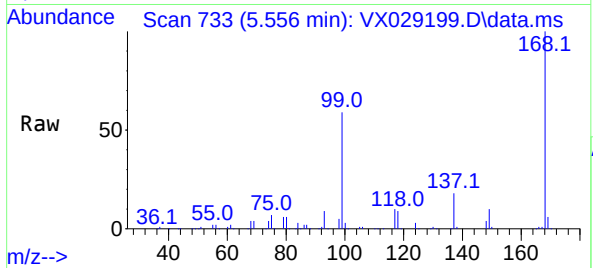




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029199.D
Acq: 03 Jun 2022 18:45

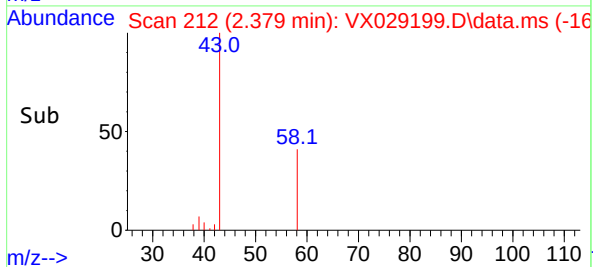
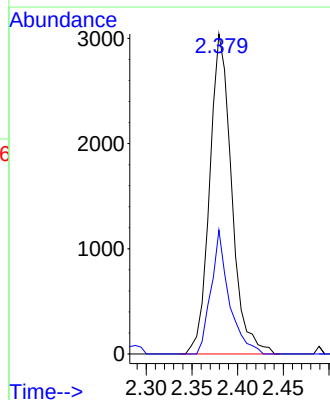
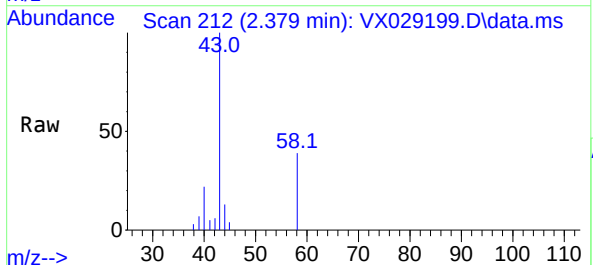
Instrument :
MSVOA_X
ClientSampleId :
37S-20220531

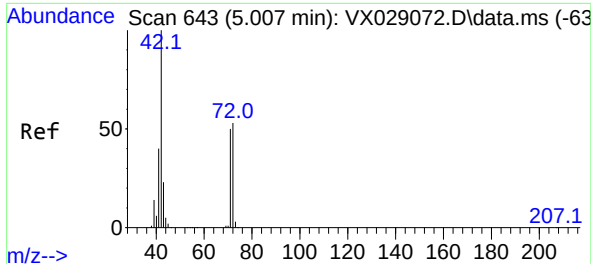
Tgt Ion:168 Resp: 310044
Ion Ratio Lower Upper
168 100
99 58.6 41.7 62.5



#16
Acetone
Concen: 3.696 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX029199.D
Acq: 03 Jun 2022 18:45

Tgt Ion: 43 Resp: 5088
Ion Ratio Lower Upper
43 100
58 38.7 28.8 43.2





#29

Tetrahydrofuran

Concen: 1.660 ug/l

RT: 5.031 min Scan# 643

Delta R.T. 0.024 min

Lab File: VX029199.D

Acq: 03 Jun 2022 18:45

Instrument :

MSVOA_X

ClientSampleId :

37S-20220531

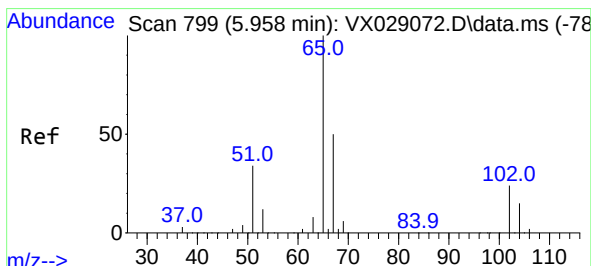
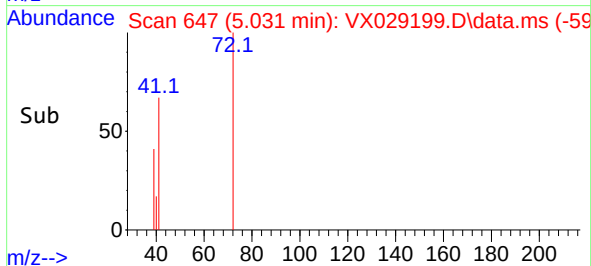
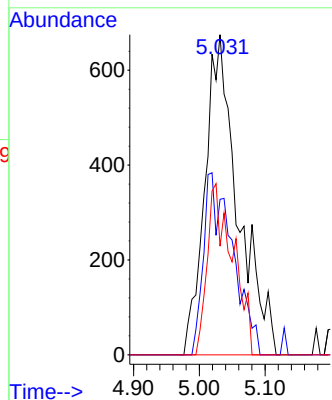
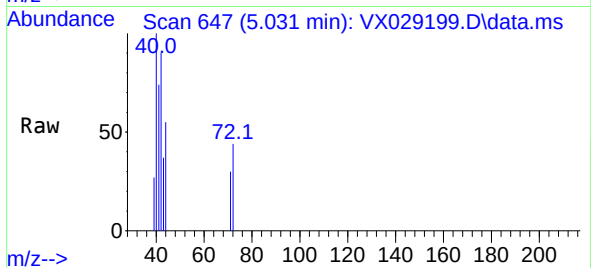
Tgt Ion: 42 Resp: 2364

Ion Ratio Lower Upper

42 100

72 21.9 44.1 66.1#

71 41.0 40.5 60.7



#33

1,2-Dichloroethane-d4

Concen: 59.954 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029199.D

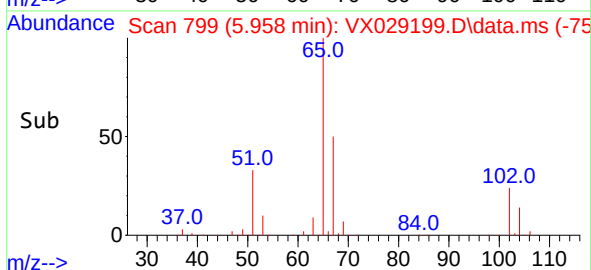
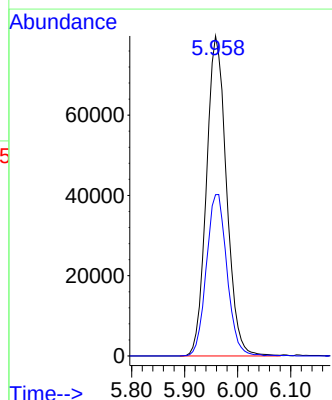
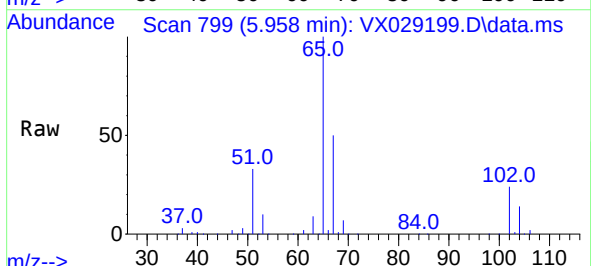
Acq: 03 Jun 2022 18:45

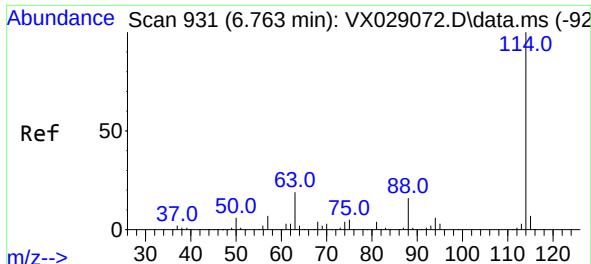
Tgt Ion: 65 Resp: 209609

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4

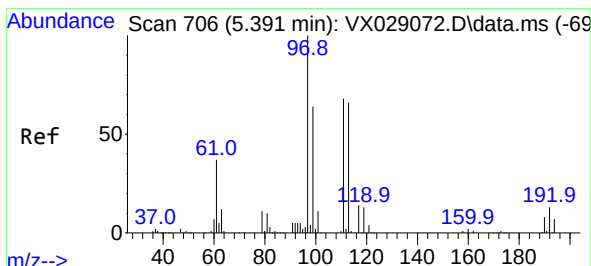
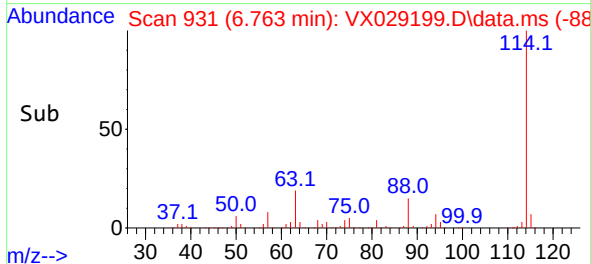
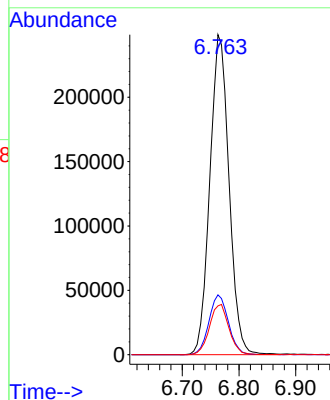
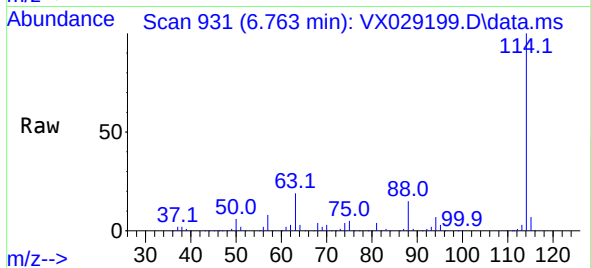




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029199.D
Acq: 03 Jun 2022 18:45

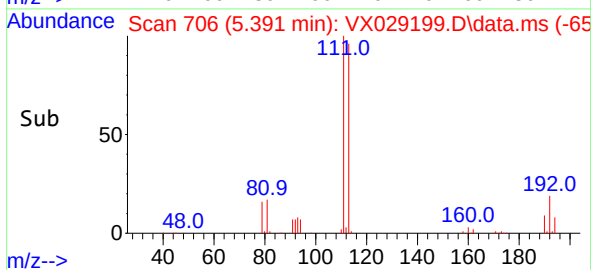
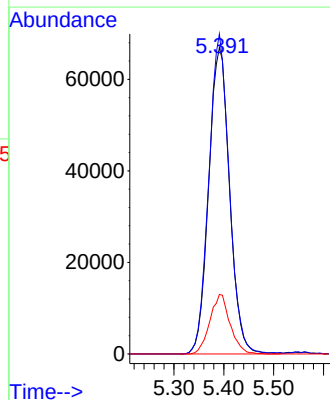
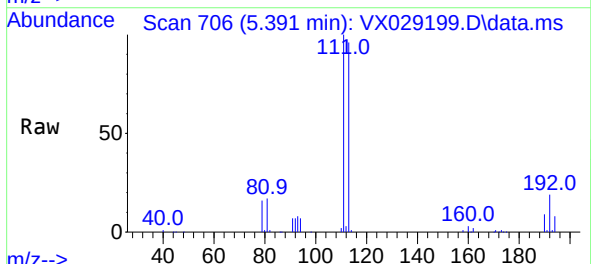
Instrument :
MSVOA_X
ClientSampleId :
37S-20220531

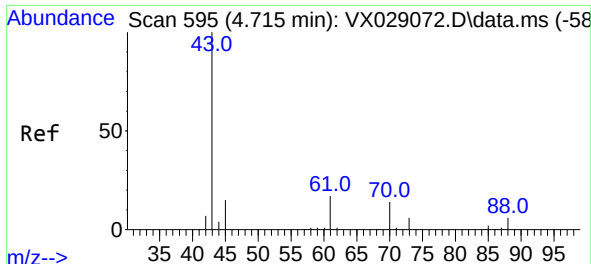
Tgt Ion:114 Resp: 583619
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.190 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029199.D
Acq: 03 Jun 2022 18:45

Tgt Ion:113 Resp: 194563
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 18.8 16.9 25.3

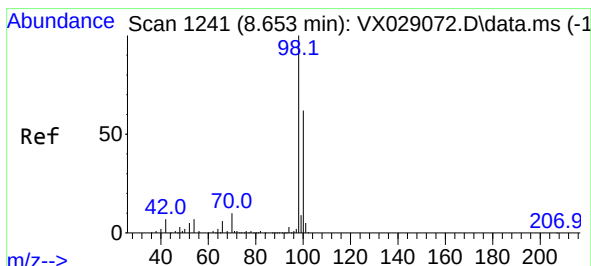
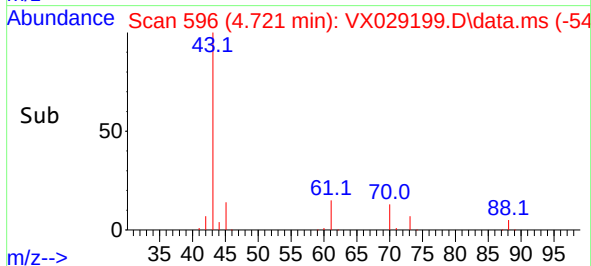
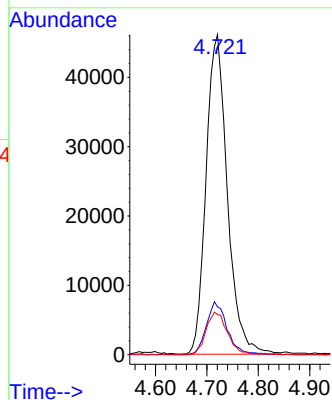
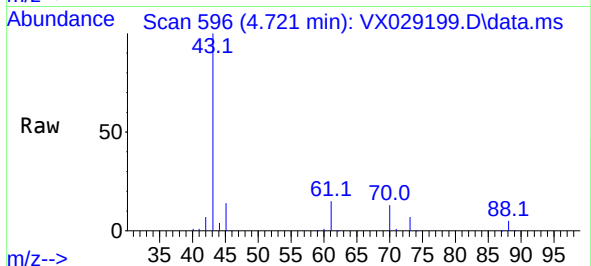




#37
Ethyl Acetate
Concen: 27.459 ug/l
RT: 4.721 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX029199.D
Acq: 03 Jun 2022 18:45

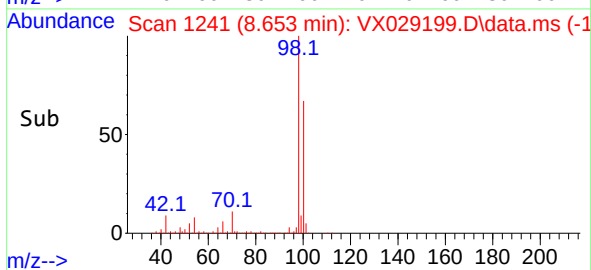
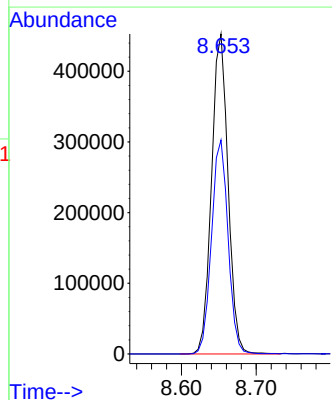
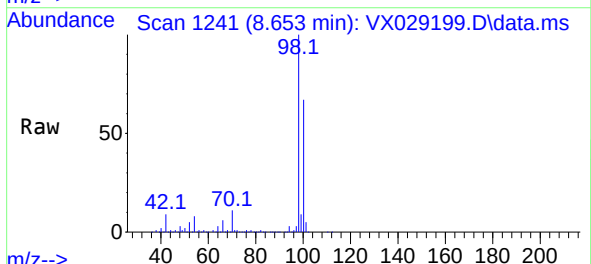
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MSVOA_X
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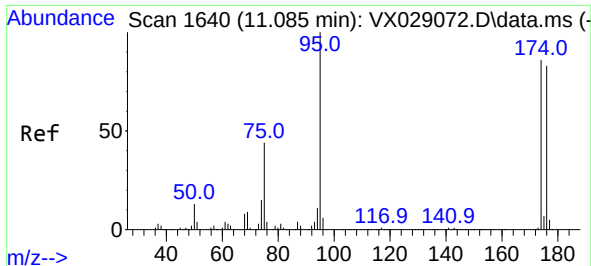
Tgt Ion: 43 Resp: 132739
Ion Ratio Lower Upper
43 100
61 16.1 12.6 19.0
70 13.3 10.2 15.2



#50
Toluene-d8
Concen: 48.972 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029199.D
Acq: 03 Jun 2022 18:45

Tgt Ion: 98 Resp: 694324
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8

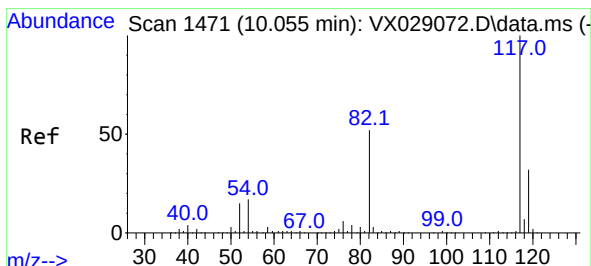
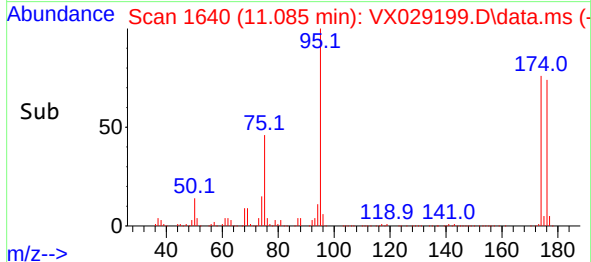
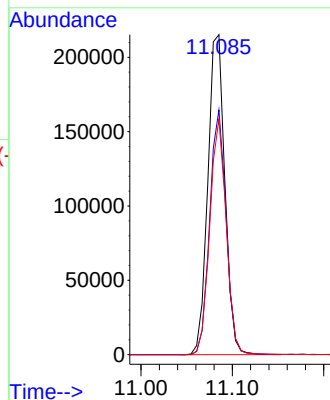
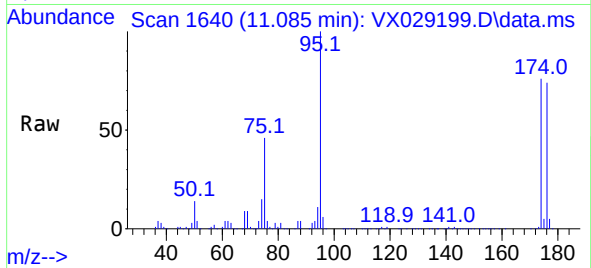




#62
4-Bromofluorobenzene
Concen: 50.780 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029199.D
Acq: 03 Jun 2022 18:45

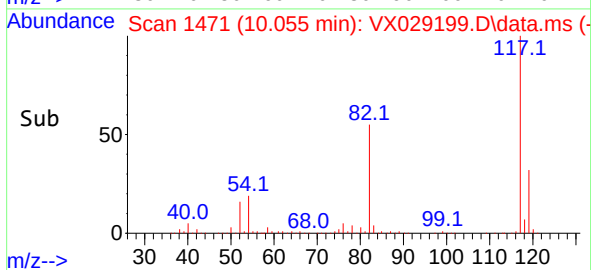
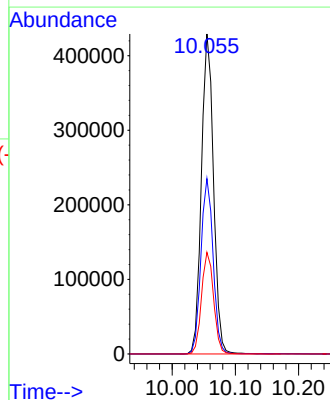
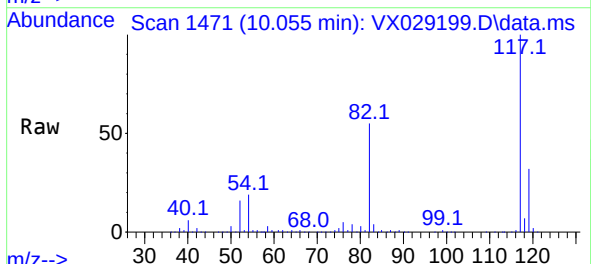
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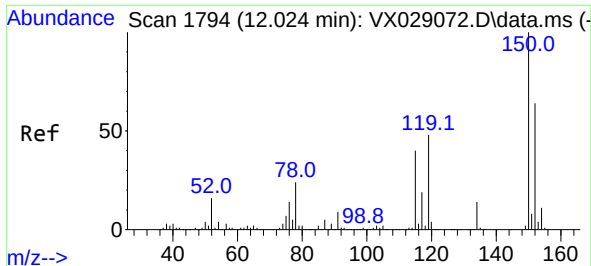
Tgt Ion: 95 Resp: 278306
Ion Ratio Lower Upper
95 100
174 73.7 0.0 163.0
176 70.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029199.D
Acq: 03 Jun 2022 18:45

Tgt Ion: 117 Resp: 571929
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.8
119 31.8 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: VX029199.D

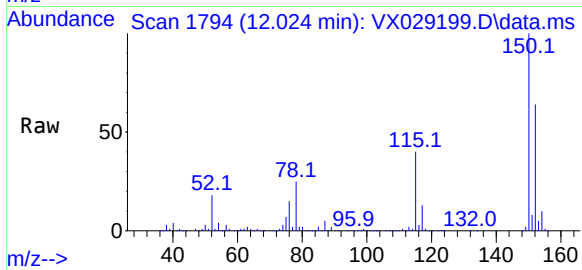
Acq: 03 Jun 2022 18:45

Instrument :

MSVOA_X

ClientSampleId :

37S-20220531



Tgt Ion:152 Resp: 267120

Ion Ratio Lower Upper

152 100

115 63.4 37.5 112.7

150 157.0 0.0 338.2

