

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032068.D
 Acq On : 12 Oct 2022 07:47
 Operator : JC/MD
 Sample : N5066-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-4(12-13)

Quant Time: Oct 12 13:26:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

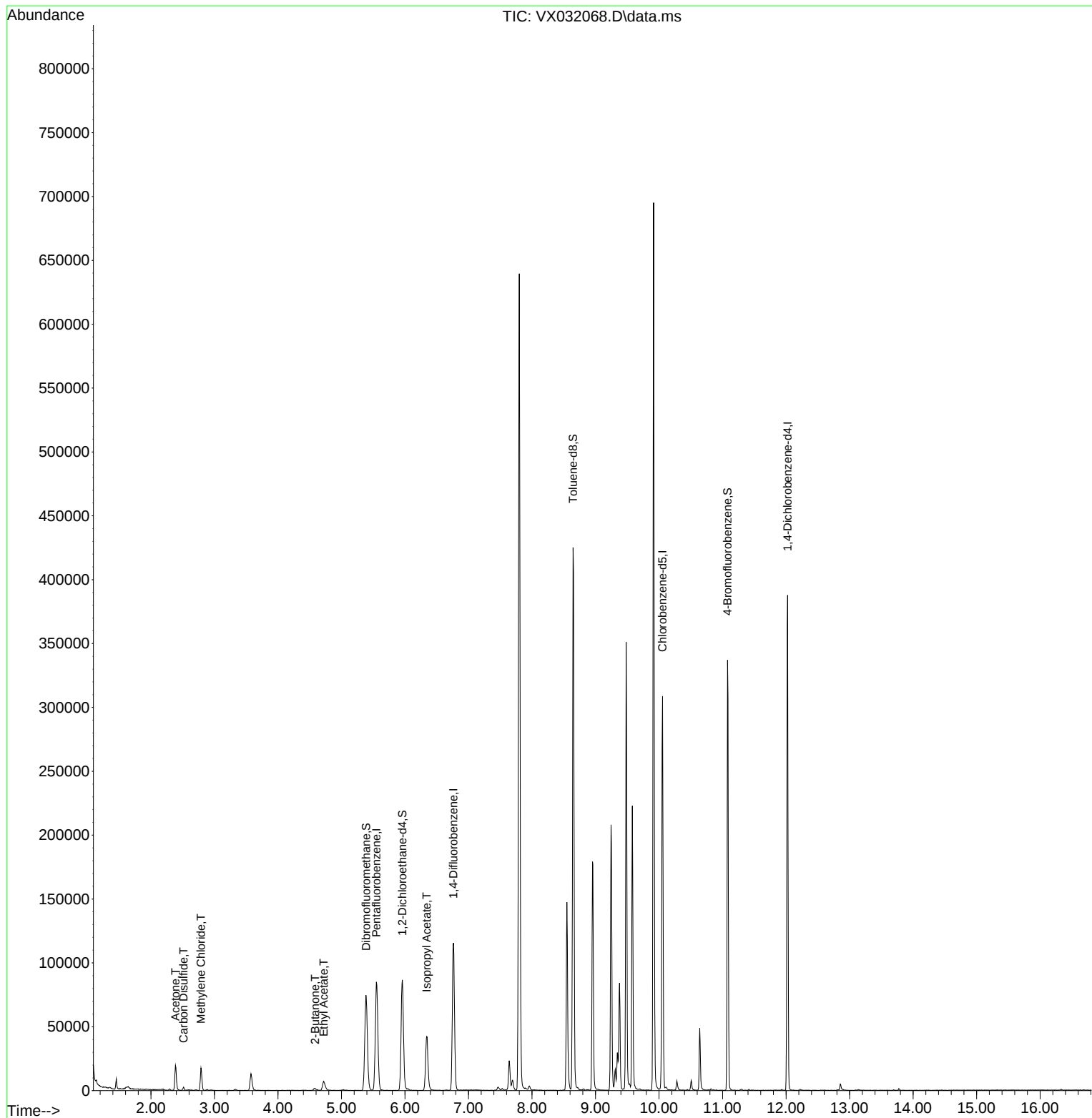
Internal Standards						
1) Pentafluorobenzene	5.550	168	76696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	116650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83479	52.704	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.400%	
35) Dibromofluoromethane	5.385	113	62471	47.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.620%	
50) Toluene-d8	8.647	98	245852	51.744	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	11.079	95	83629	49.788	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.580%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	22026	40.916	ug/l	99
17) Carbon Disulfide	2.514	76	2878	1.147	ug/l	100
20) Methylene Chloride	2.788	84	7420	5.245	ug/l	# 85
25) 2-Butanone	4.587	43	3229	3.837	ug/l	93
37) Ethyl Acetate	4.721	43	12545	7.610	ug/l	98
43) Isopropyl Acetate	6.342	43	59064	23.616	ug/l	98

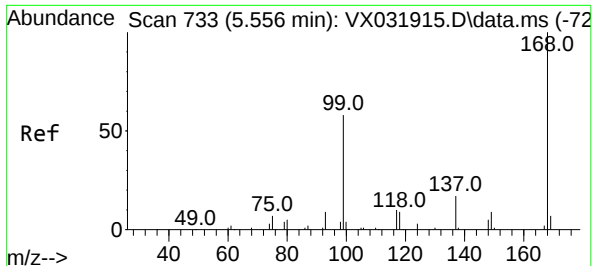
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032068.D
Acq: 12 Oct 2022 07:47

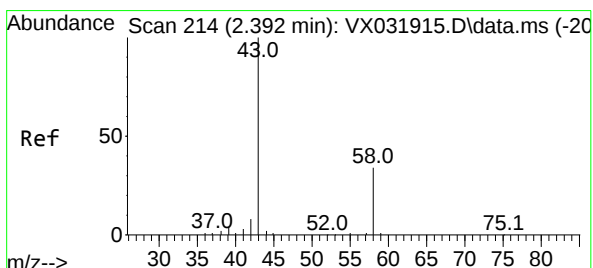
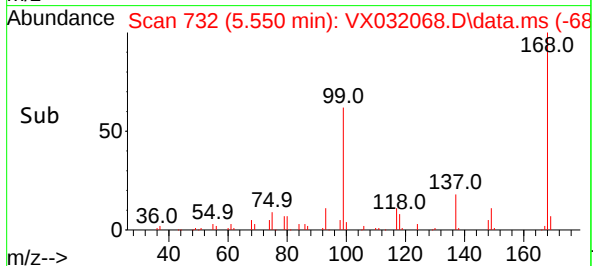
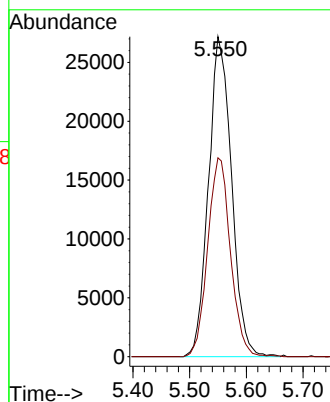
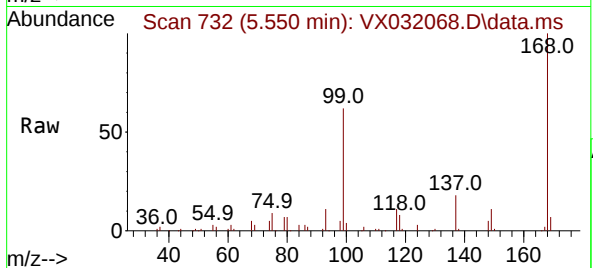
Instrument :

MSVOA_X

ClientSampleId :

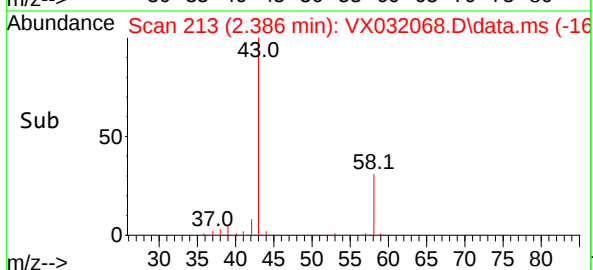
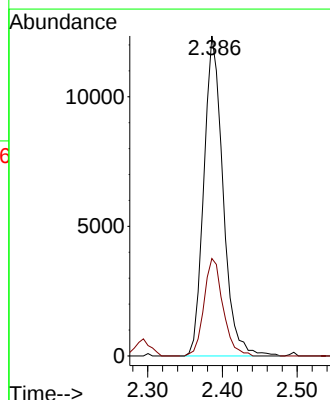
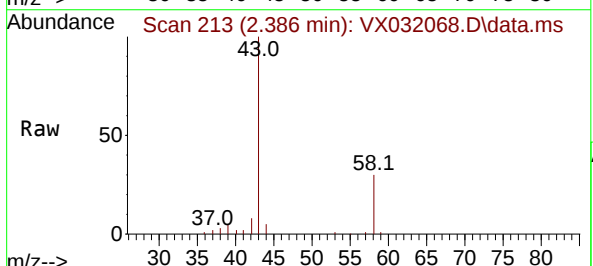
B-4(12-13)

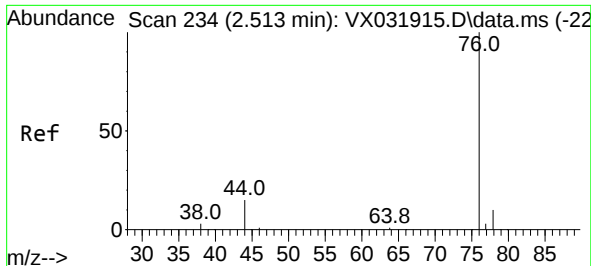
Tgt Ion:168 Resp: 76696
Ion Ratio Lower Upper
168 100
99 62.2 48.8 73.2



#16
Acetone
Concen: 40.916 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032068.D
Acq: 12 Oct 2022 07:47

Tgt Ion: 43 Resp: 22026
Ion Ratio Lower Upper
43 100
58 30.4 23.8 35.8





#17

Carbon Disulfide

Concen: 1.147 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX032068.D

Acq: 12 Oct 2022 07:47

Instrument :

MSVOA_X

ClientSampleId :

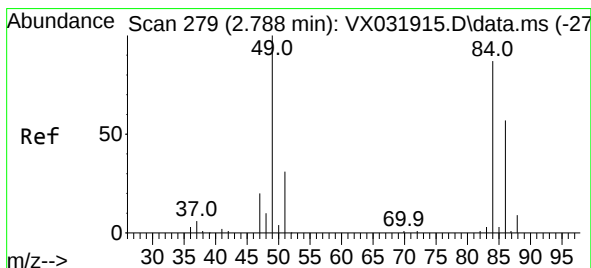
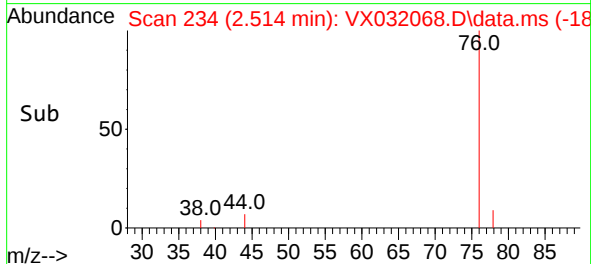
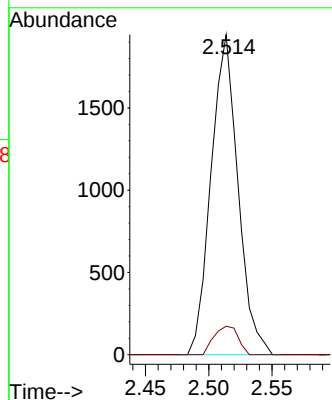
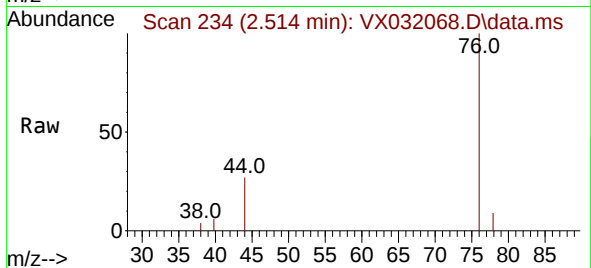
B-4(12-13)

Tgt Ion: 76 Resp: 2878

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



#20

Methylene Chloride

Concen: 5.245 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX032068.D

Acq: 12 Oct 2022 07:47

Tgt Ion: 84 Resp: 7420

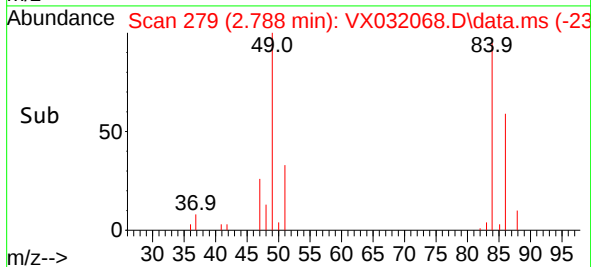
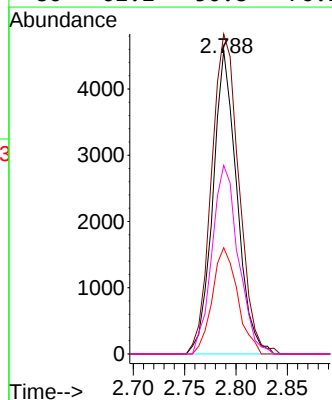
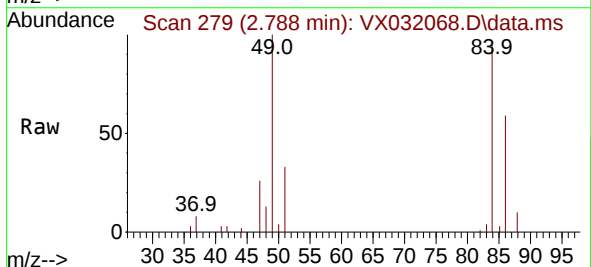
Ion Ratio Lower Upper

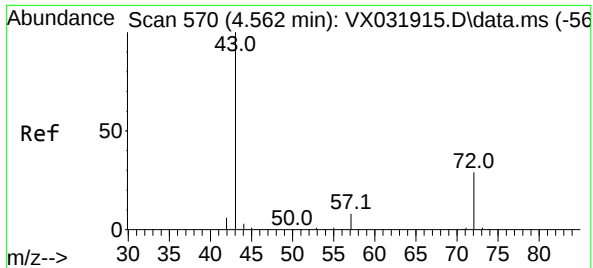
84 100

49 105.4 105.9 158.9#

51 35.0 32.2 48.2

86 62.2 50.8 76.2

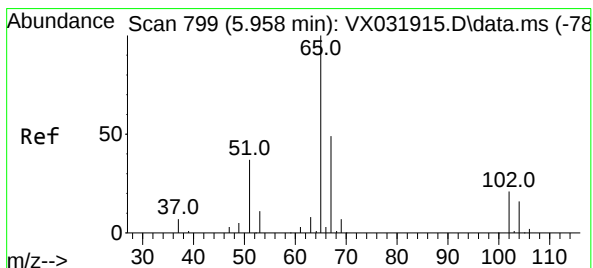
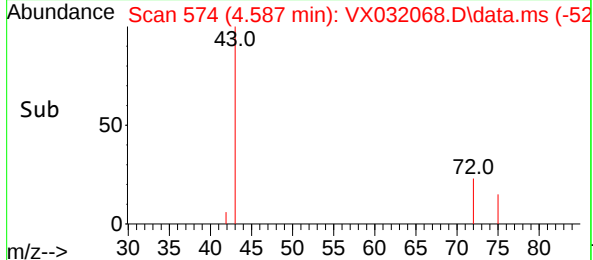
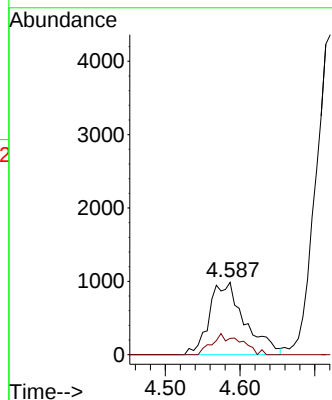
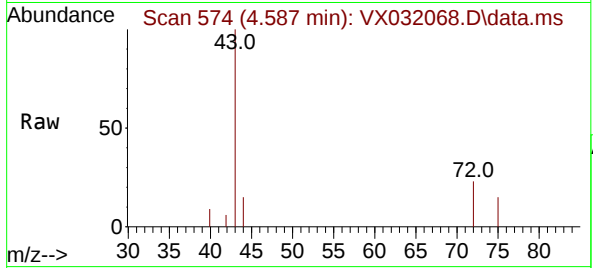




#25
2-Butanone
Concen: 3.837 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX032068.D
Acq: 12 Oct 2022 07:47

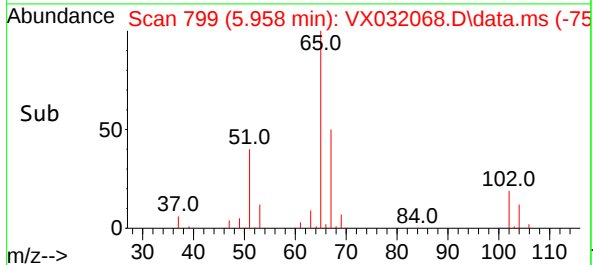
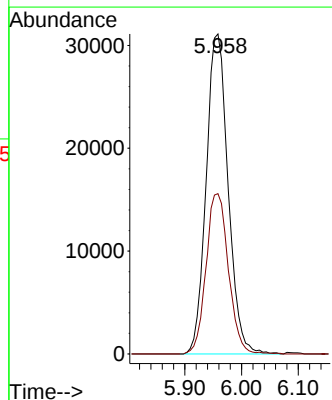
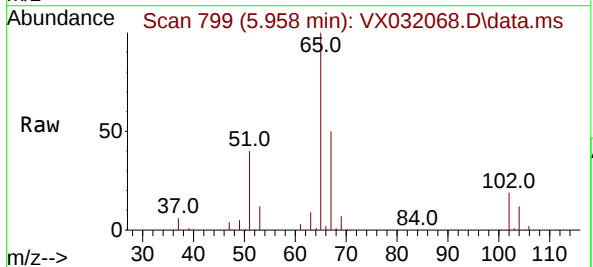
Instrument :
MSVOA_X
ClientSampleId :
B-4(12-13)

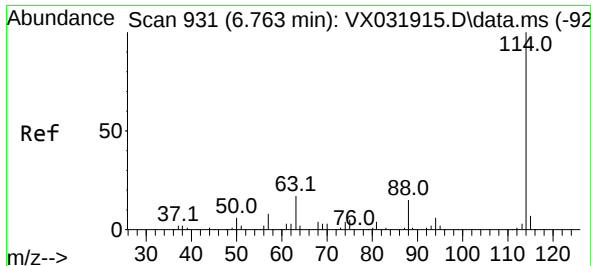
Tgt Ion: 43 Resp: 3229
Ion Ratio Lower Upper
43 100
72 22.6 21.1 31.7



#33
1,2-Dichloroethane-d4
Concen: 52.704 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032068.D
Acq: 12 Oct 2022 07:47

Tgt Ion: 65 Resp: 83479
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.4

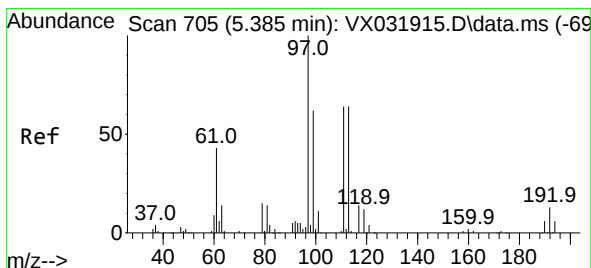
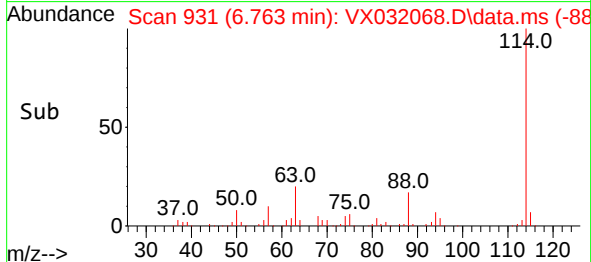
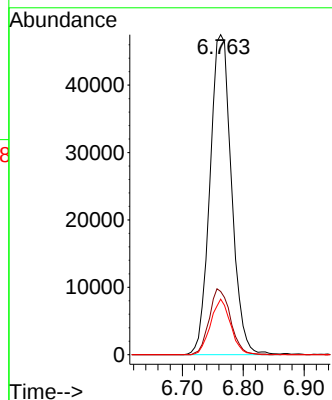
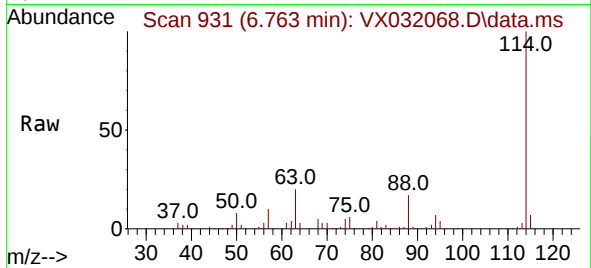




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032068.D
Acq: 12 Oct 2022 07:47

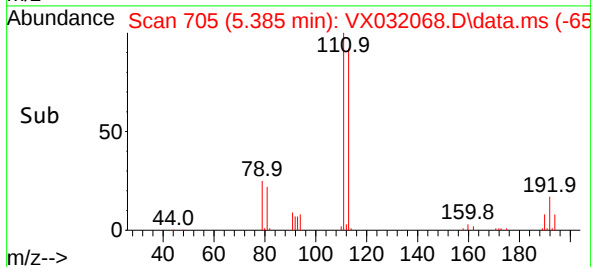
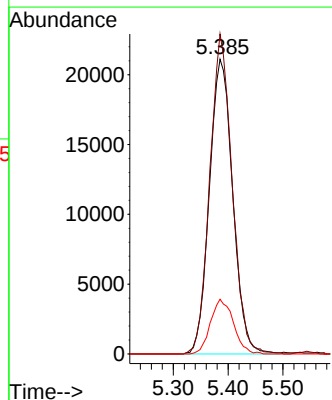
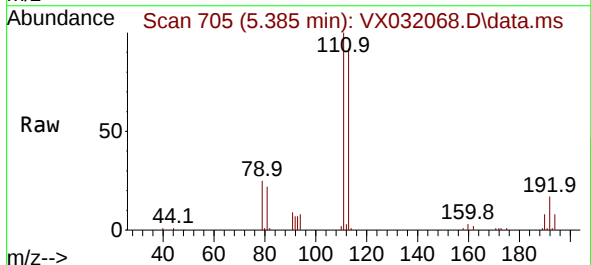
Instrument :
MSVOA_X
ClientSampleId :
B-4(12-13)

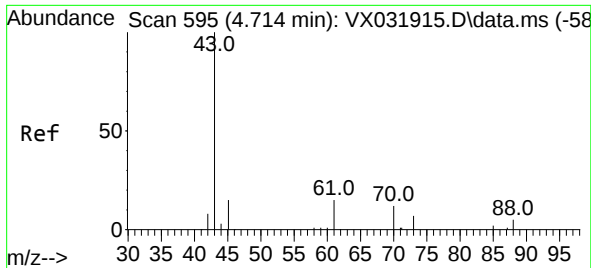
Tgt Ion:114 Resp: 116650
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.6
88 17.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.312 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032068.D
Acq: 12 Oct 2022 07:47

Tgt Ion:113 Resp: 62471
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 18.2 14.1 21.1





#37

Ethyl Acetate

Concen: 7.610 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.007 min

Lab File: VX032068.D

Acq: 12 Oct 2022 07:47

Instrument :

MSVOA_X

ClientSampleId :

B-4(12-13)

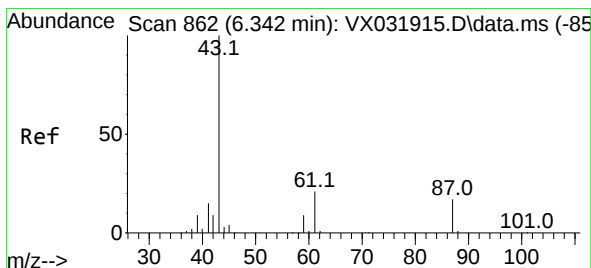
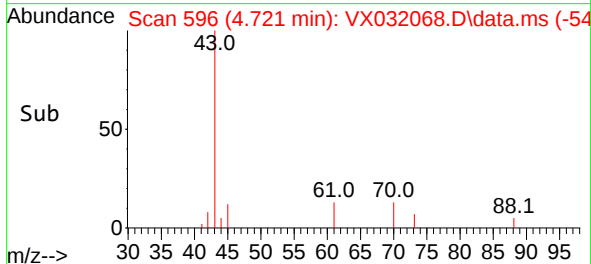
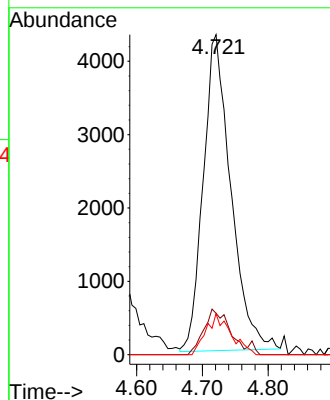
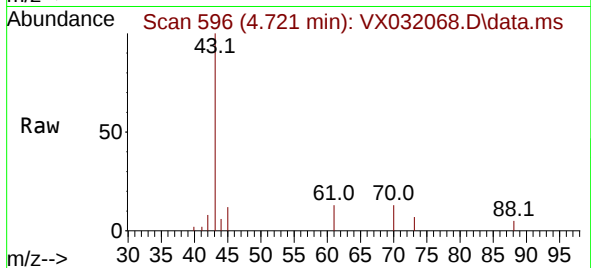
Tgt Ion: 43 Resp: 12545

Ion Ratio Lower Upper

43 100

61 13.3 11.1 16.7

70 11.7 8.6 13.0



#43

Isopropyl Acetate

Concen: 23.616 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX032068.D

Acq: 12 Oct 2022 07:47

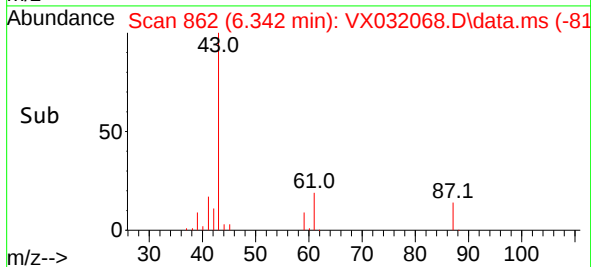
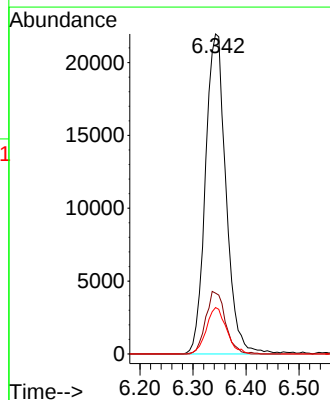
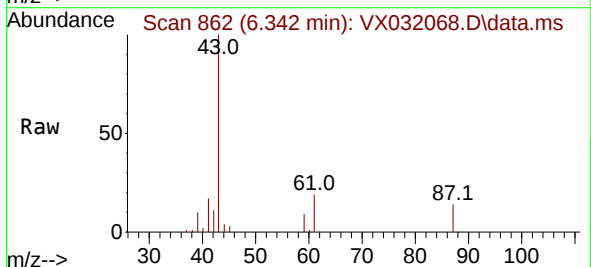
Tgt Ion: 43 Resp: 59064

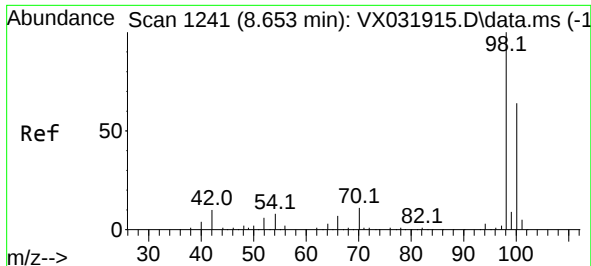
Ion Ratio Lower Upper

43 100

61 18.6 15.3 22.9

87 14.2 10.6 15.8

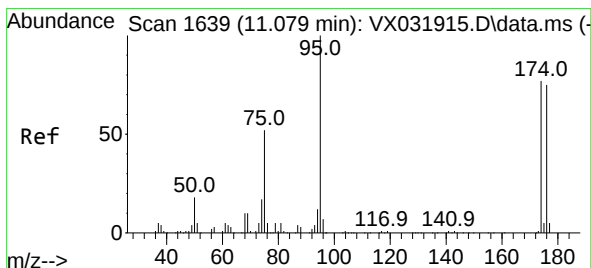
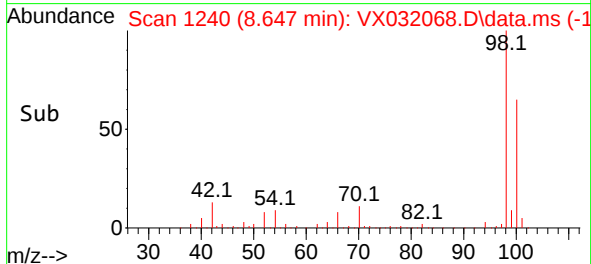
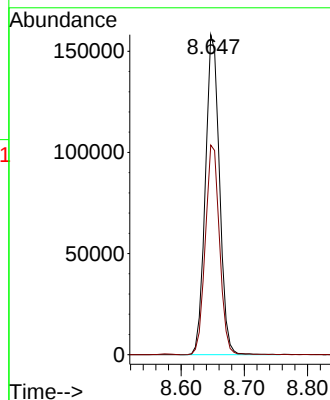
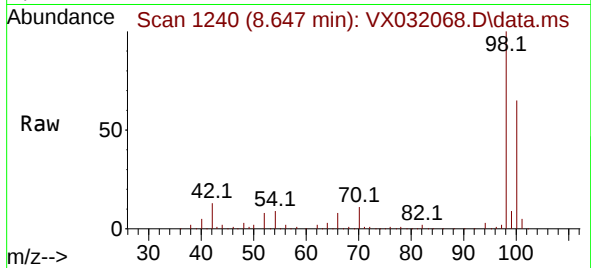




#50
Toluene-d8
Concen: 51.744 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032068.D
Acq: 12 Oct 2022 07:47

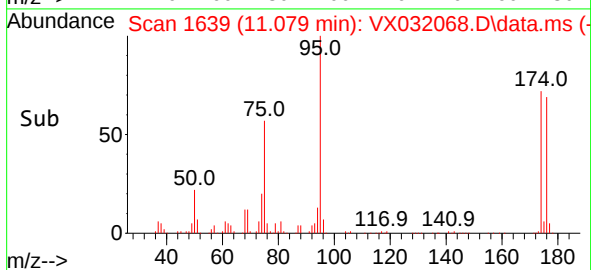
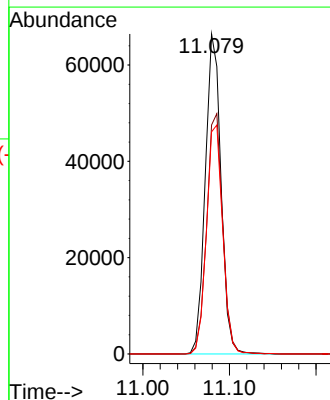
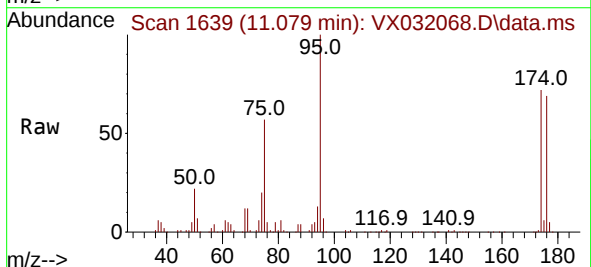
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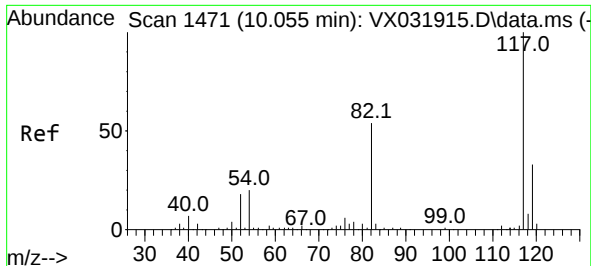
Tgt Ion: 98 Resp: 245852
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.788 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032068.D
Acq: 12 Oct 2022 07:47

Tgt Ion: 95 Resp: 83629
Ion Ratio Lower Upper
95 100
174 76.9 0.0 153.2
176 73.9 0.0 144.0

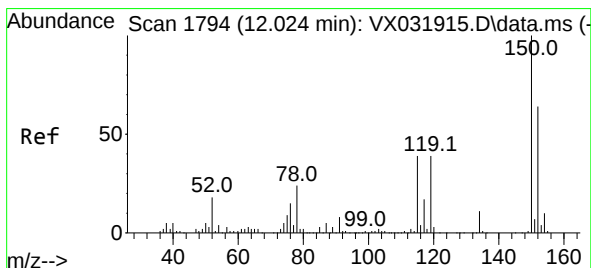
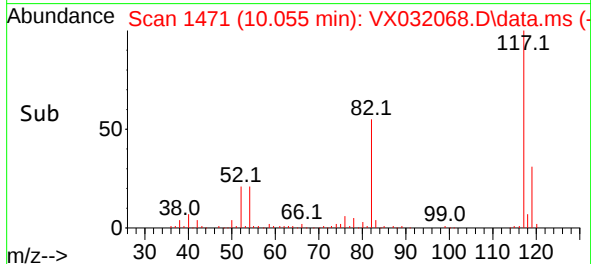
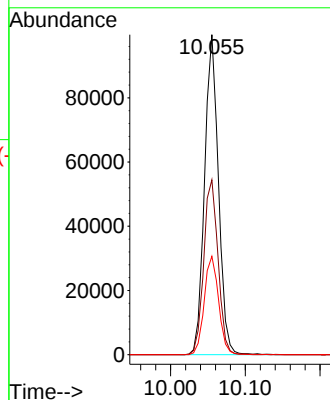
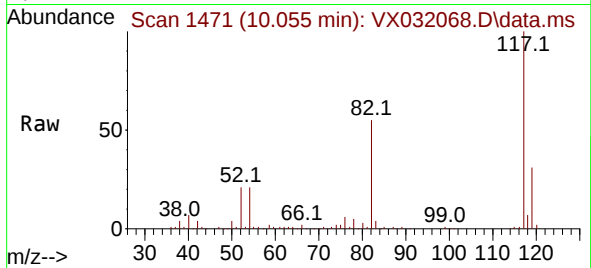




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032068.D
Acq: 12 Oct 2022 07:47

Instrument :
MSVOA_X
ClientSampleId :
B-4(12-13)

Tgt Ion:117 Resp: 128250
Ion Ratio Lower Upper
117 100
82 54.6 46.8 70.2
119 30.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032068.D
Acq: 12 Oct 2022 07:47

Tgt Ion:152 Resp: 74642
Ion Ratio Lower Upper
152 100
115 63.7 43.4 130.1
150 156.9 0.0 346.8

