

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032506.D
 Acq On : 01 Nov 2022 12:28
 Operator : JC/MD
 Sample : N5391-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31846

Quant Time: Nov 02 05:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

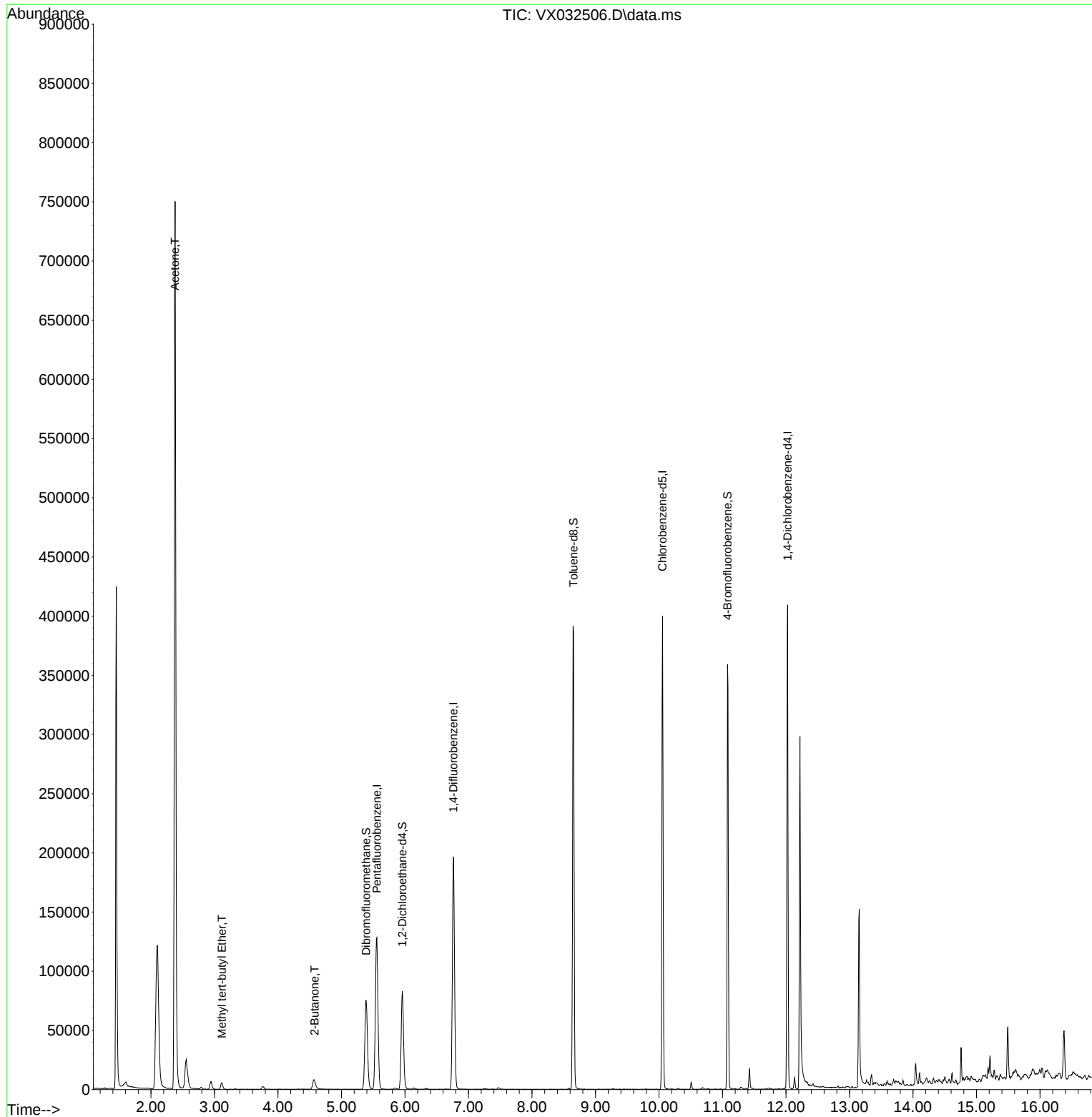
Internal Standards						
1) Pentafluorobenzene	5.556	168	121900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81173	47.924	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.840%		
35) Dibromofluoromethane	5.385	113	65244	46.584	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.160%		
50) Toluene-d8	8.653	98	235081	48.270	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.540%		
62) 4-Bromofluorobenzene	11.079	95	89389	46.988	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.980%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	796906	1294.505	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	5942	1.383	ug/l	100
25) 2-Butanone	4.574	43	7150	7.497	ug/l	97

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

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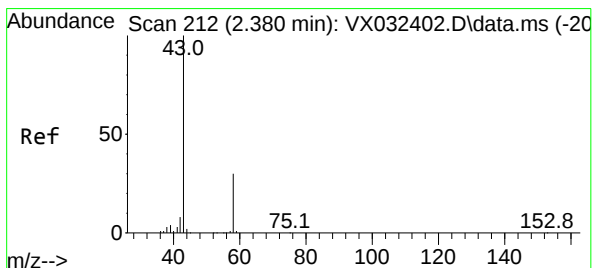
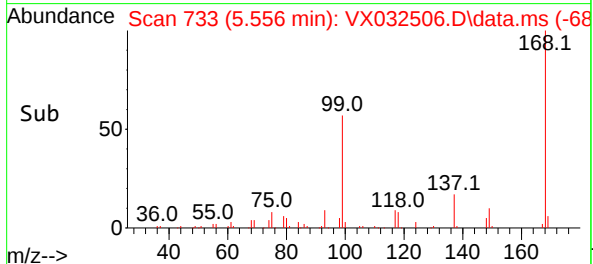
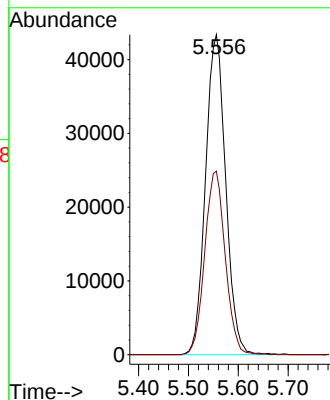
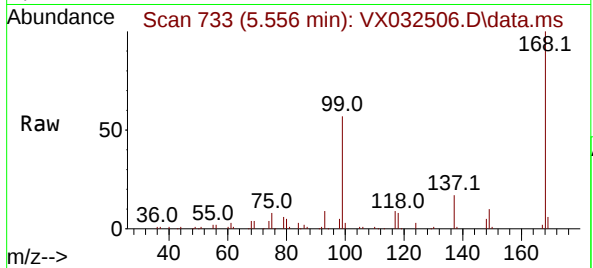




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032506.D
Acq: 01 Nov 2022 12:28

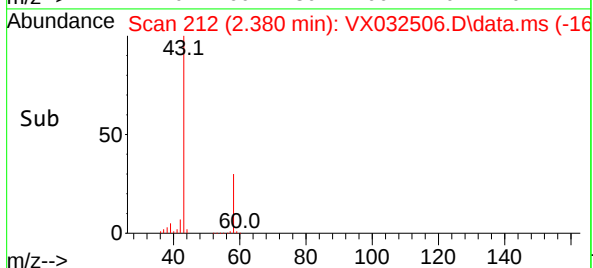
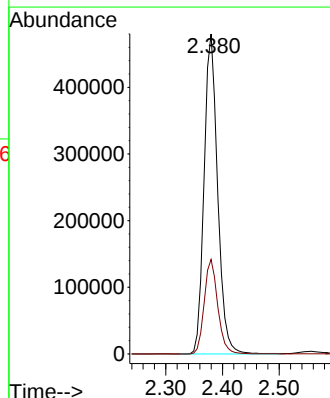
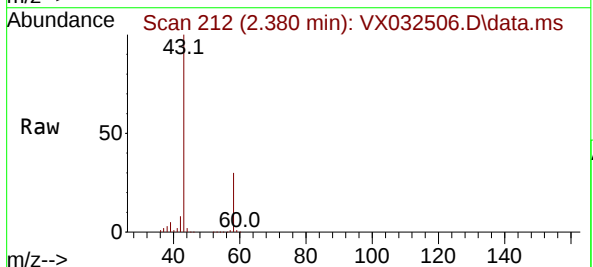
Instrument :
MSVOA_X
ClientSampleId :
31846

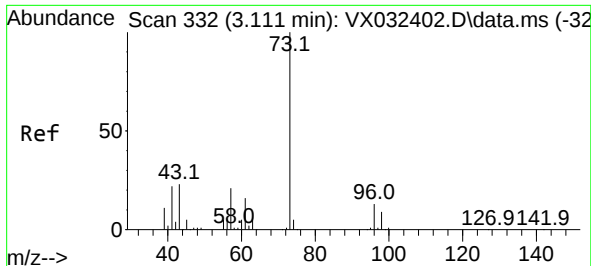
Tgt Ion:168 Resp: 121900
Ion Ratio Lower Upper
168 100
99 57.4 46.1 69.1



#16
Acetone
Concen: 1294.505 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032506.D
Acq: 01 Nov 2022 12:28

Tgt Ion: 43 Resp: 796906
Ion Ratio Lower Upper
43 100
58 29.5 23.8 35.8





#19

Methyl tert-butyl Ether

Concen: 1.383 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX032506.D

Acq: 01 Nov 2022 12:28

Instrument :

MSVOA_X

ClientSampleId :

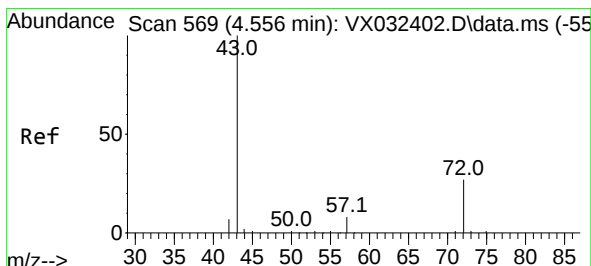
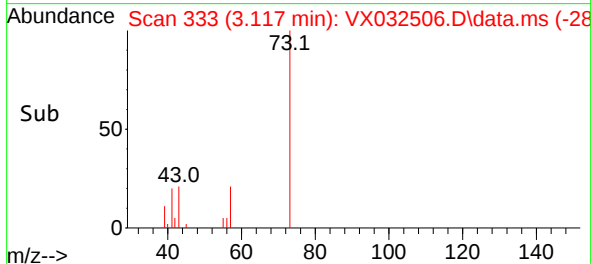
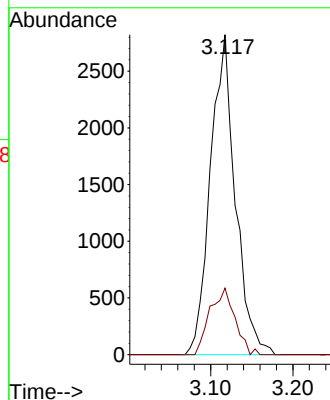
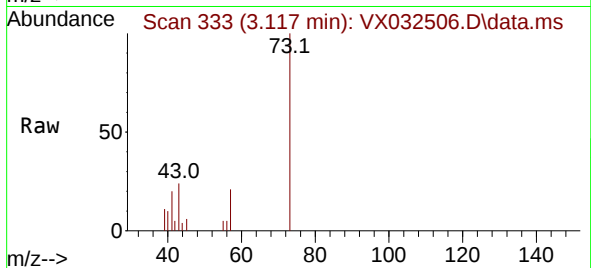
31846

Tgt Ion: 73 Resp: 5942

Ion Ratio Lower Upper

73 100

57 20.8 16.6 25.0



#25

2-Butanone

Concen: 7.497 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX032506.D

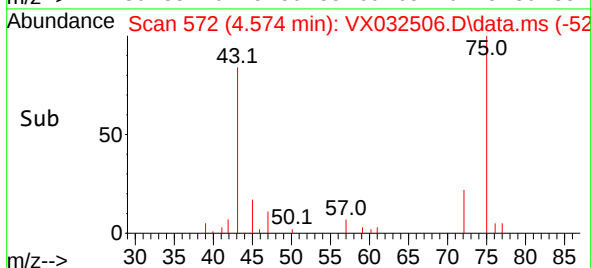
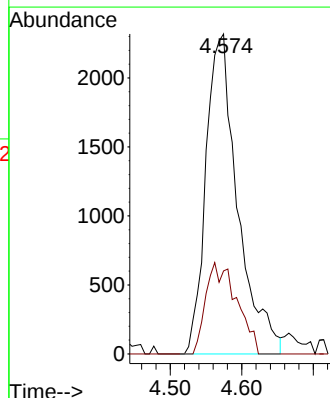
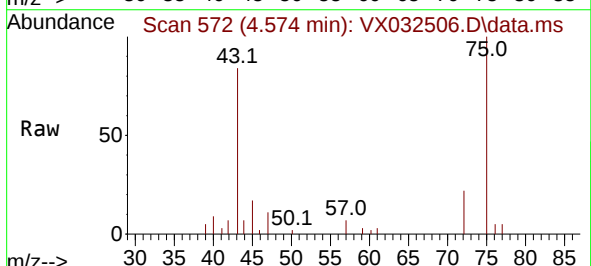
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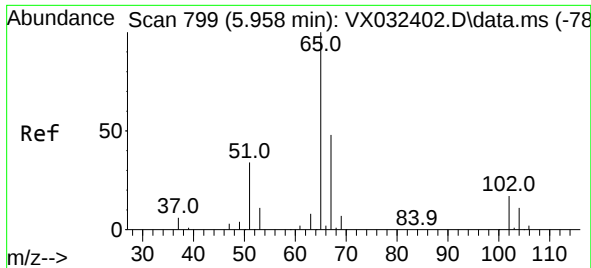
Tgt Ion: 43 Resp: 7150

Ion Ratio Lower Upper

43 100

72 26.0 22.2 33.2

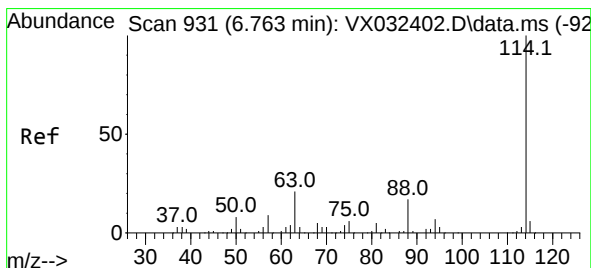
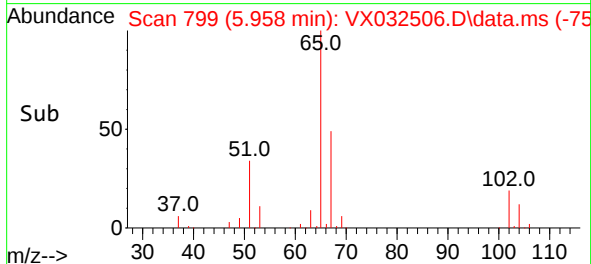
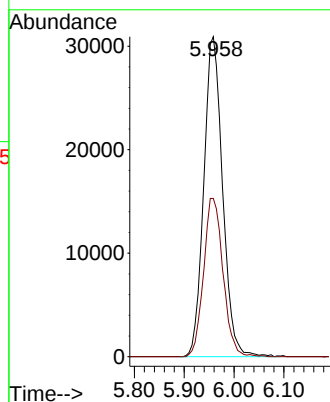
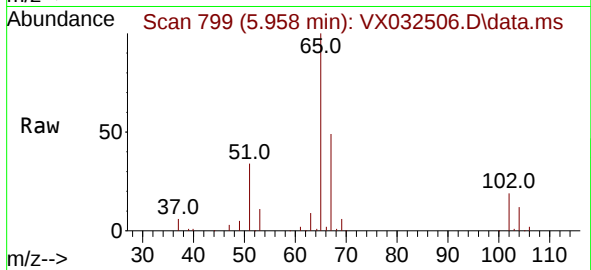




#33
 1,2-Dichloroethane-d4
 Concen: 47.924 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032506.D
 Acq: 01 Nov 2022 12:28

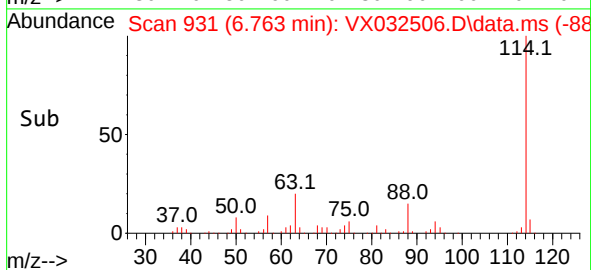
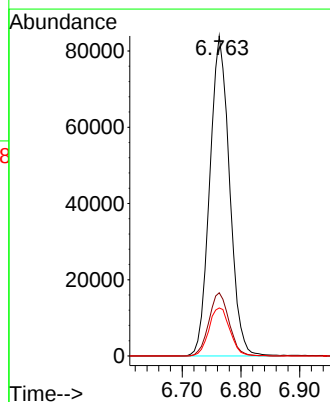
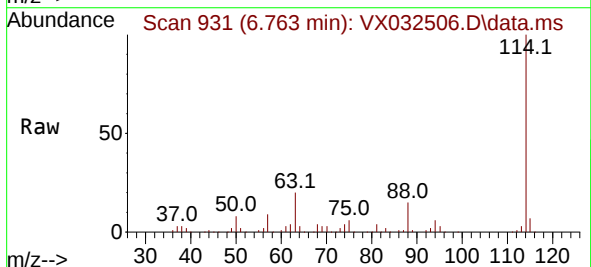
Instrument :
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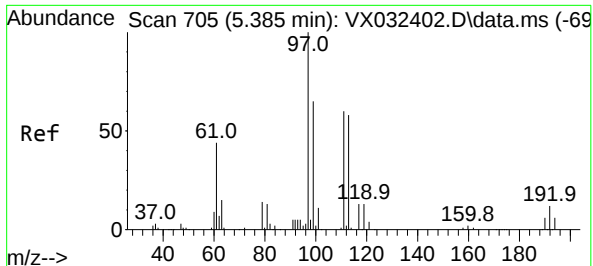
Tgt Ion: 65 Resp: 81173
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032506.D
 Acq: 01 Nov 2022 12:28

Tgt Ion: 114 Resp: 196348
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.6
 88 15.0 0.0 33.4

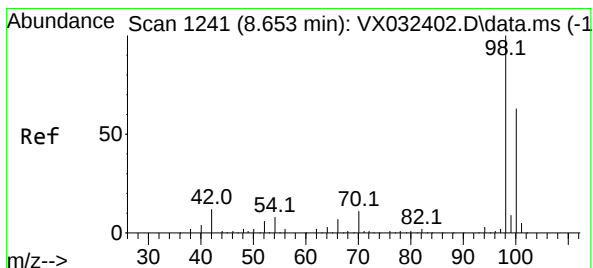
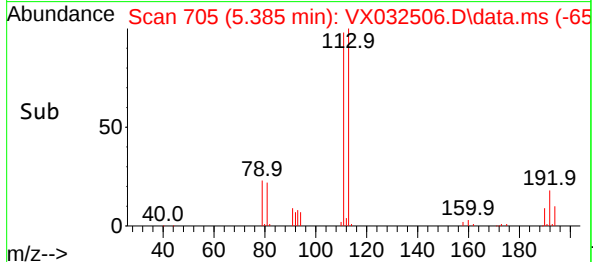
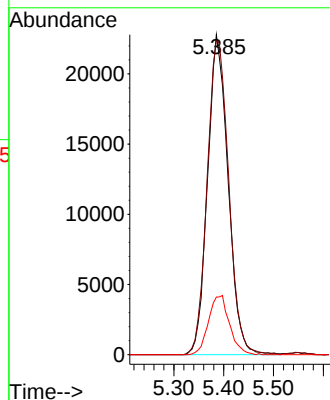
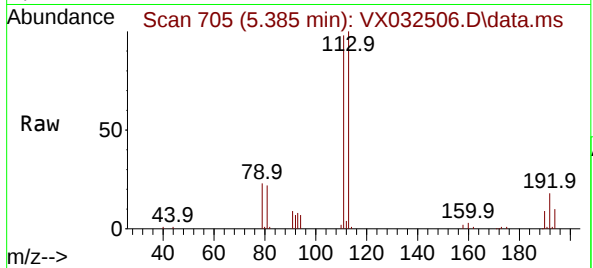




#35
Dibromofluoromethane
Concen: 46.584 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032506.D
Acq: 01 Nov 2022 12:28

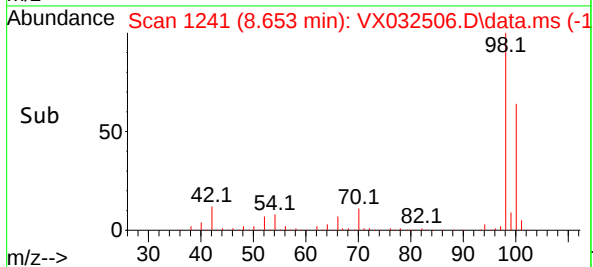
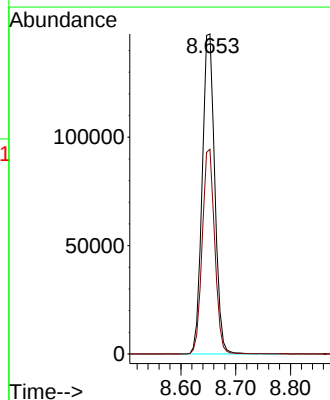
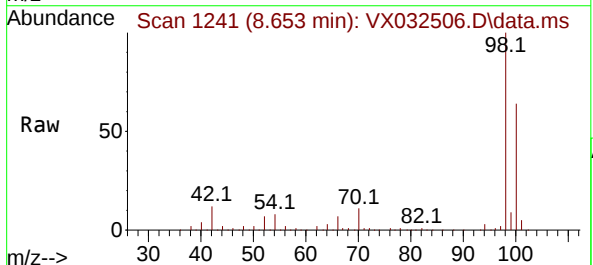
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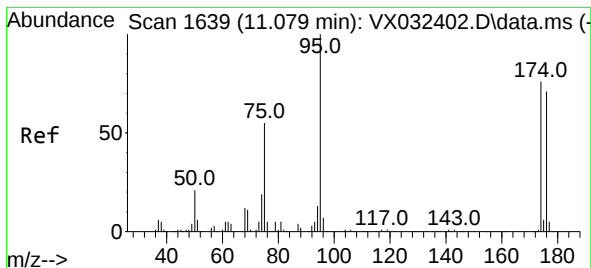
Tgt Ion:113 Resp: 65244
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 18.8 15.4 23.2



#50
Toluene-d8
Concen: 48.270 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032506.D
Acq: 01 Nov 2022 12:28

Tgt Ion: 98 Resp: 235081
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

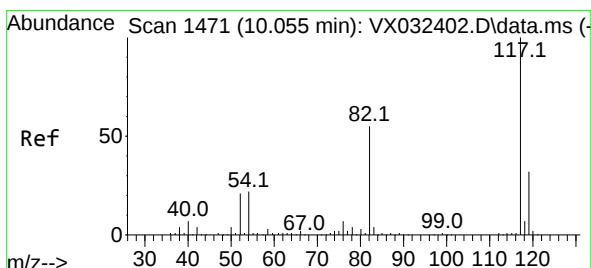
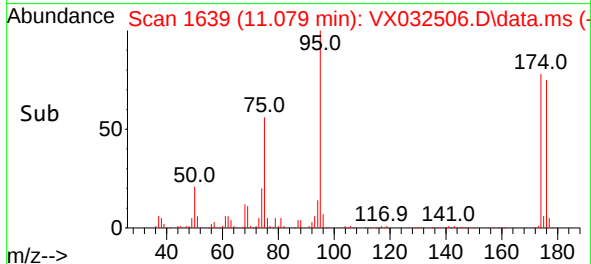
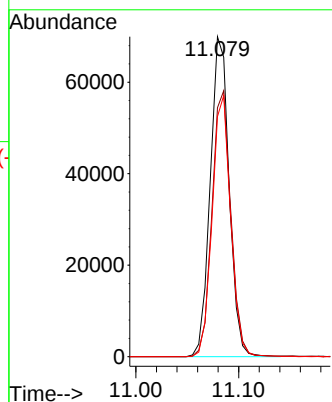
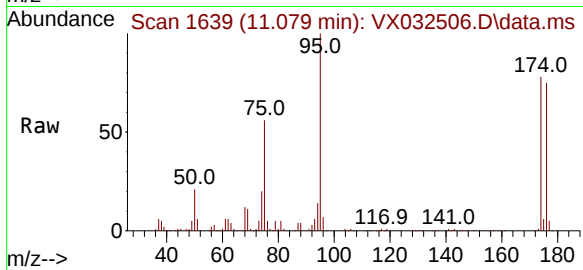




#62
4-Bromofluorobenzene
Concen: 46.988 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032506.D
Acq: 01 Nov 2022 12:28

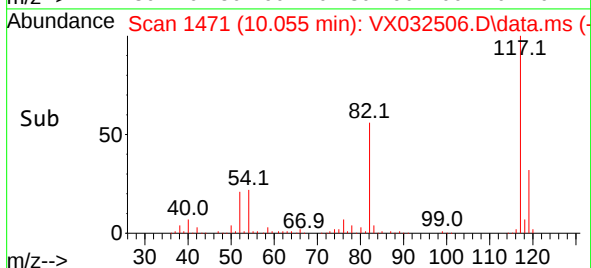
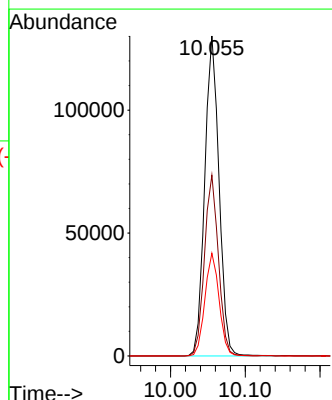
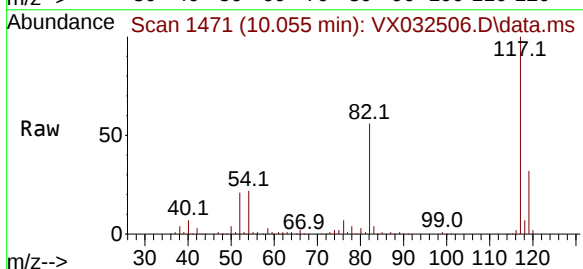
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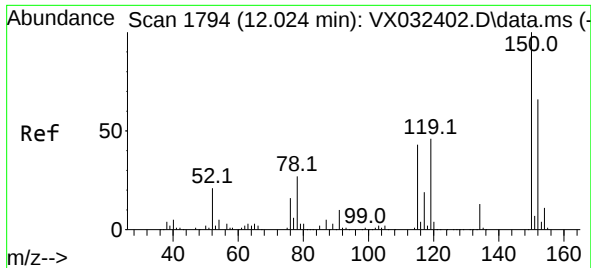
Tgt Ion: 95 Resp: 89389
Ion Ratio Lower Upper
95 100
174 83.4 0.0 164.0
176 80.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032506.D
Acq: 01 Nov 2022 12:28

Tgt Ion: 117 Resp: 172722
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 32.1 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032506.D

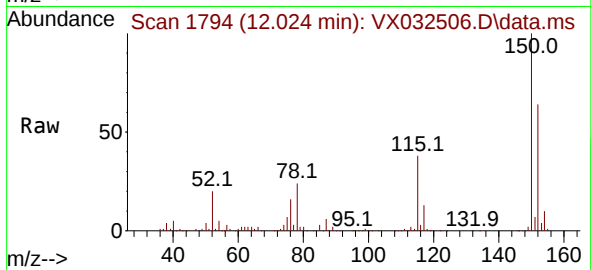
Acq: 01 Nov 2022 12:28

Instrument :

MSVOA_X

ClientSampleId :

31846



Tgt Ion:152 Resp: 80858

Ion Ratio Lower Upper

152 100

115 61.1 44.0 132.0

150 160.0 0.0 351.8

