

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032799.D
 Acq On : 14 Nov 2022 16:59
 Operator : JC/MD
 Sample : N5572-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31915

Quant Time: Nov 15 05:09:14 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)

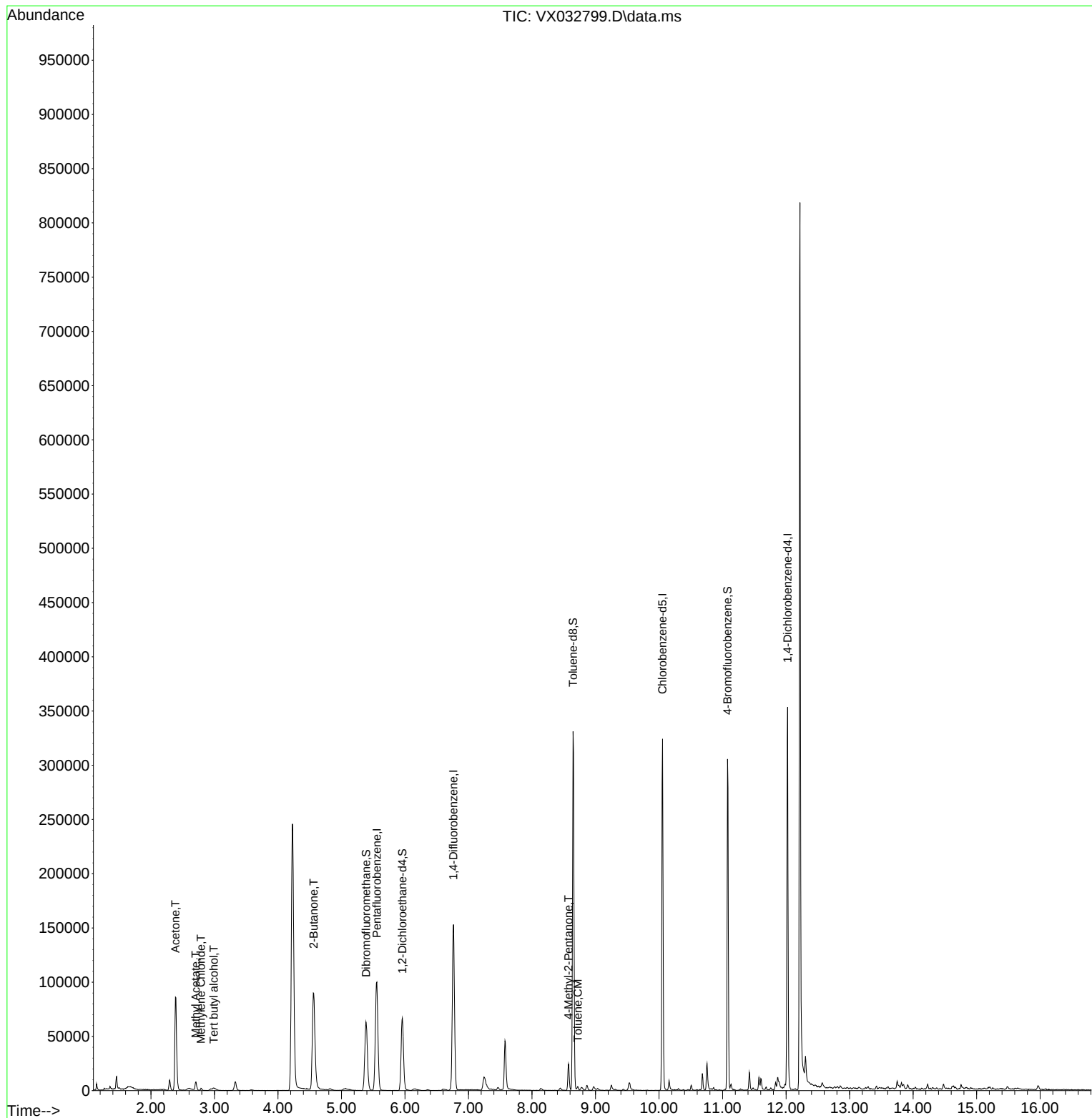
Internal Standards						
1) Pentafluorobenzene	5.556	168	95736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67273	50.573	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.140%	
35) Dibromofluoromethane	5.385	113	54429	48.302	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.600%	
50) Toluene-d8	8.647	98	195528	49.901	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	11.079	95	76799	50.176	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	5335	27.555	ug/l #	89
16) Acetone	2.385	43	108665	224.758	ug/l	98
18) Methyl Acetate	2.702	43	9616	6.116	ug/l	99
20) Methylene Chloride	2.788	84	851	0.768	ug/l #	92
25) 2-Butanone	4.562	43	162305	216.684	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	14409	9.121	ug/l	98
52) Toluene	8.720	92	1018	0.351	ug/l	94

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

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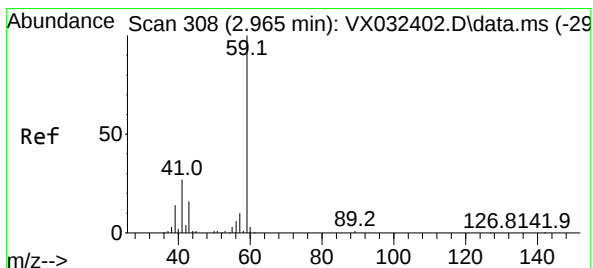
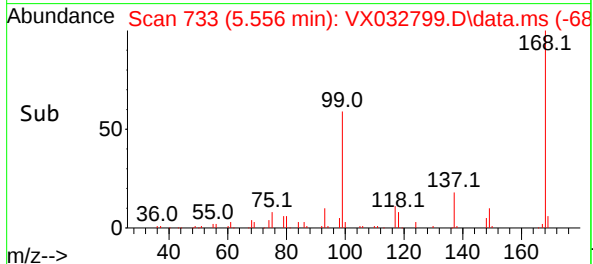
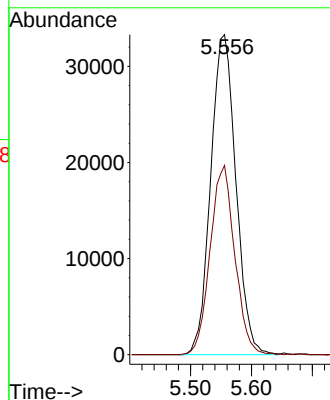
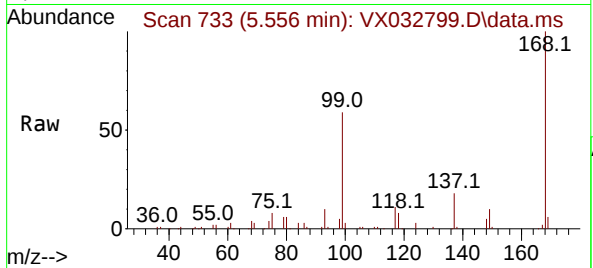




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

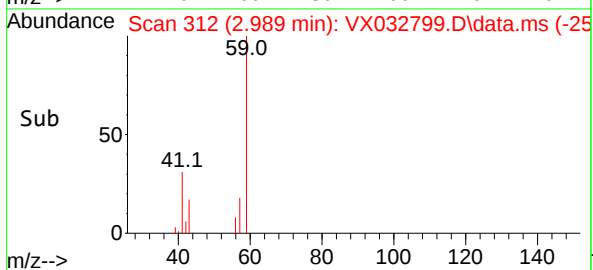
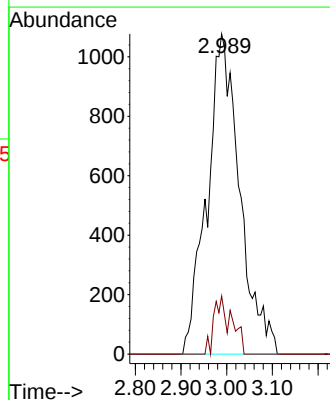
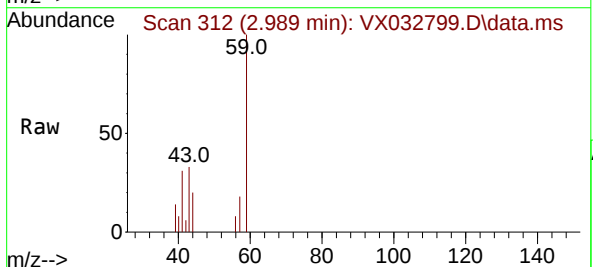
Instrument :
MSVOA_X
ClientSampleId :
31915

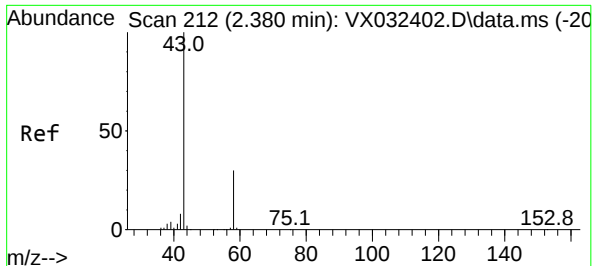
Tgt Ion:168 Resp: 95736
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 27.555 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Tgt Ion: 59 Resp: 5335
Ion Ratio Lower Upper
59 100
57 6.2 8.2 12.4#

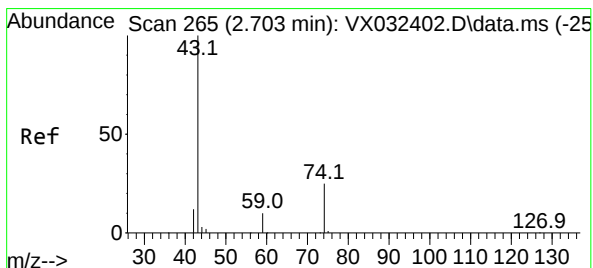
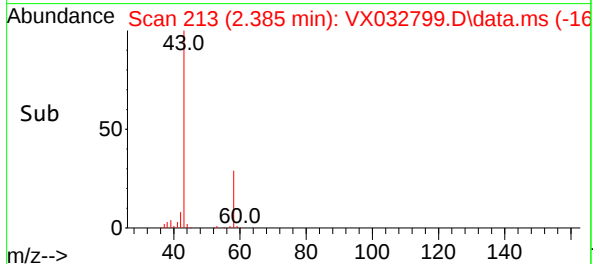
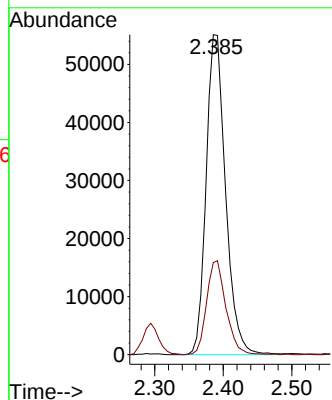
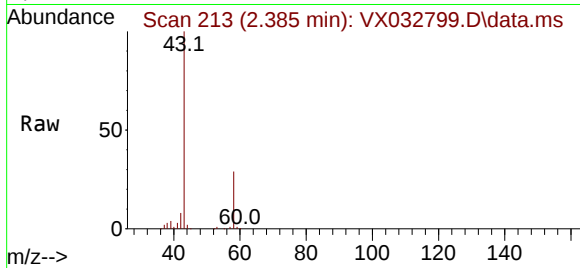




#16
Acetone
Concen: 224.758 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

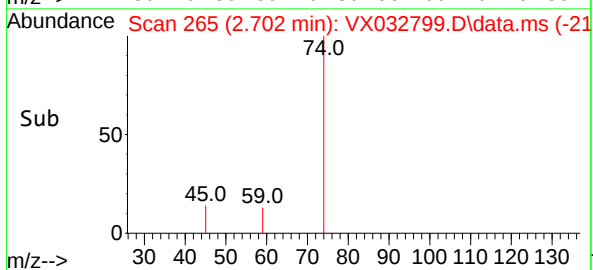
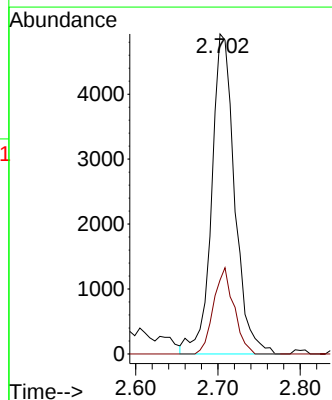
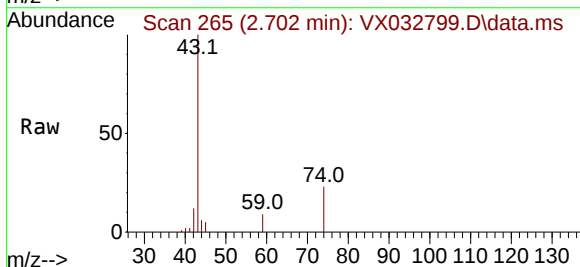
Instrument :
MSVOA_X
ClientSampleId :
31915

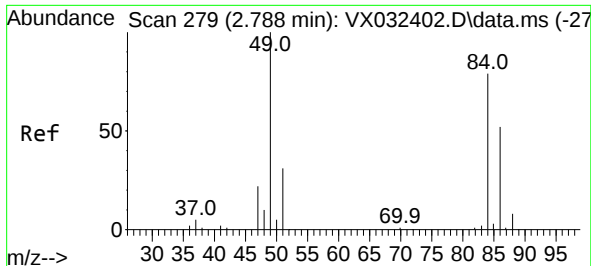
Tgt Ion: 43 Resp: 108665
Ion Ratio Lower Upper
43 100
58 28.8 23.8 35.8



#18
Methyl Acetate
Concen: 6.116 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Tgt Ion: 43 Resp: 9616
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.0





#20

Methylene Chloride

Concen: 0.768 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX032799.D

Acq: 14 Nov 2022 16:59

Instrument :

MSVOA_X

ClientSampleId :

31915

Tgt Ion: 84 Resp: 851

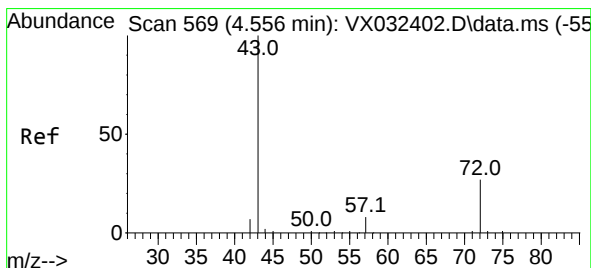
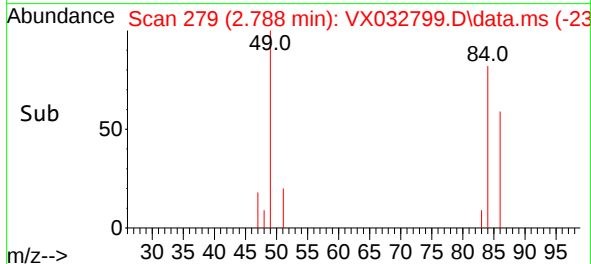
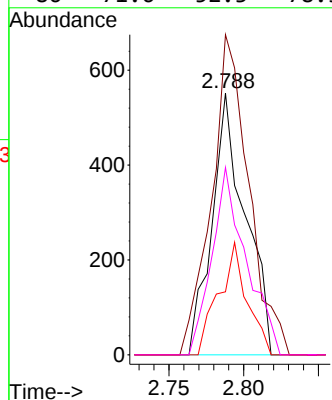
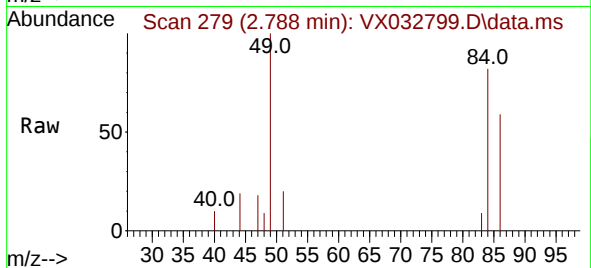
Ion Ratio Lower Upper

84 100

49 122.3 101.0 151.6

51 24.1 31.1 46.7#

86 71.6 52.3 78.5



#25

2-Butanone

Concen: 216.684 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX032799.D

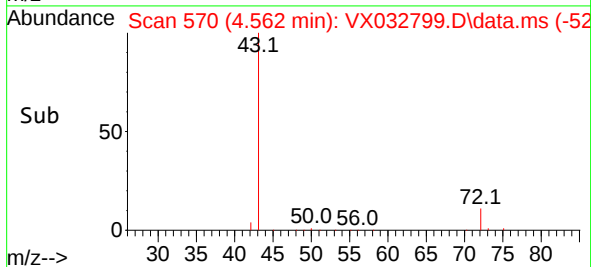
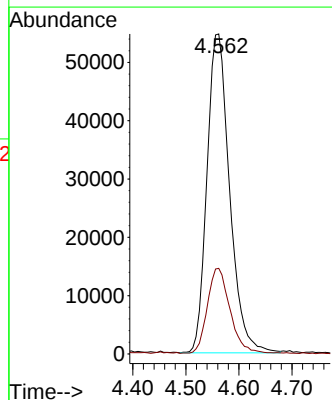
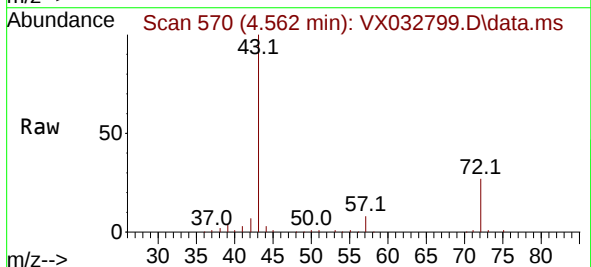
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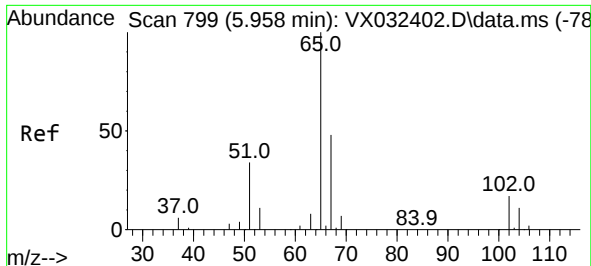
Tgt Ion: 43 Resp: 162305

Ion Ratio Lower Upper

43 100

72 26.6 22.2 33.2

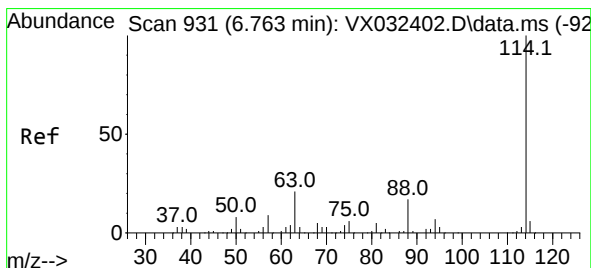
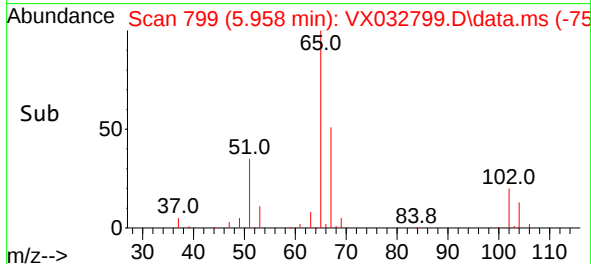
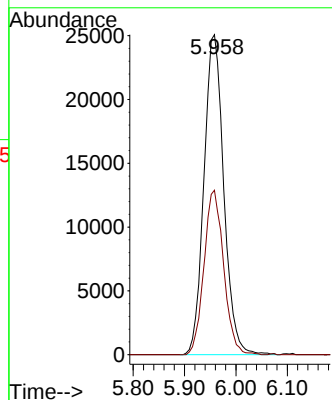
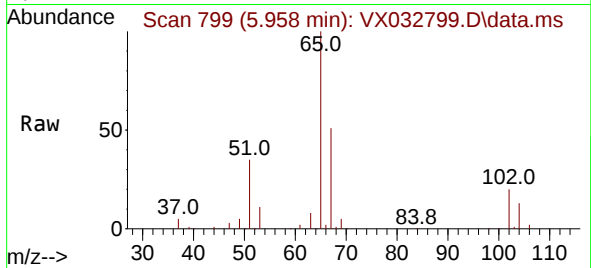




#33
 1,2-Dichloroethane-d4
 Concen: 50.573 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX032799.D
 Acq: 14 Nov 2022 16:59

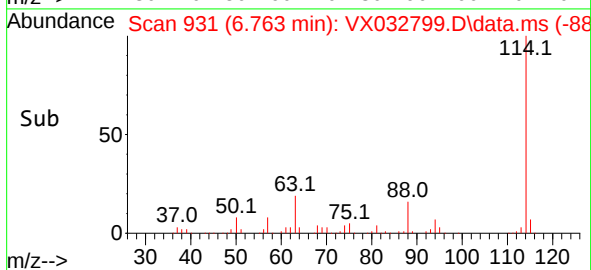
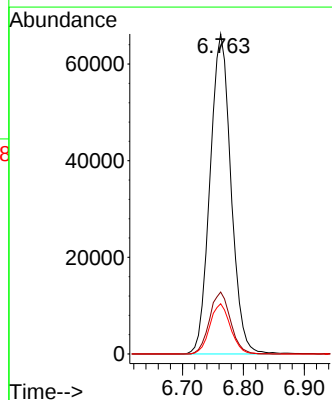
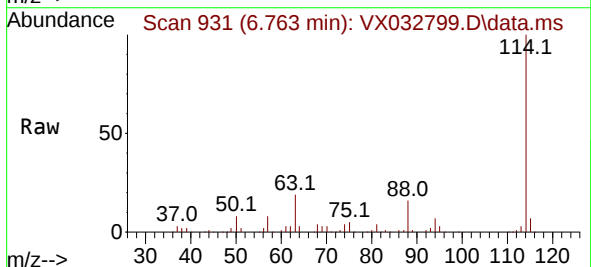
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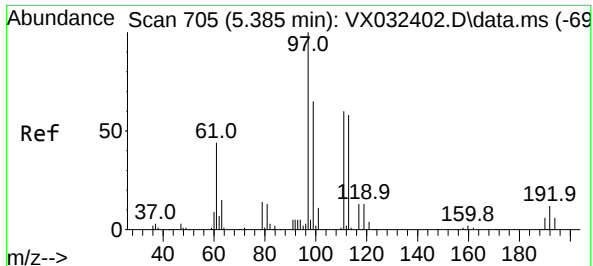
Tgt Ion: 65 Resp: 67273
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032799.D
 Acq: 14 Nov 2022 16:59

Tgt Ion: 114 Resp: 157975
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.6
 88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.302 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032799.D

Acq: 14 Nov 2022 16:59

Instrument :

MSVOA_X

ClientSampleId :

31915

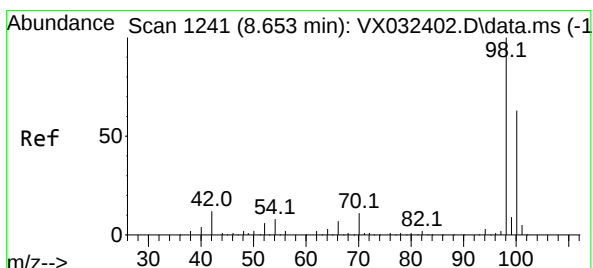
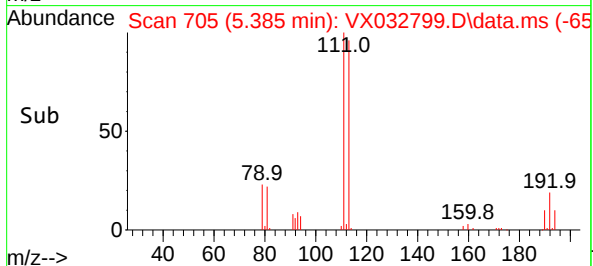
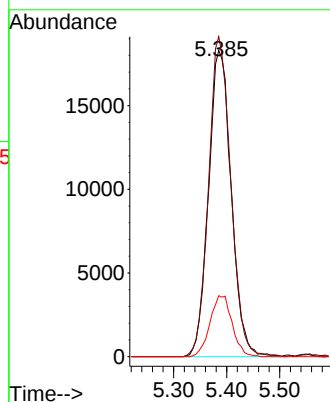
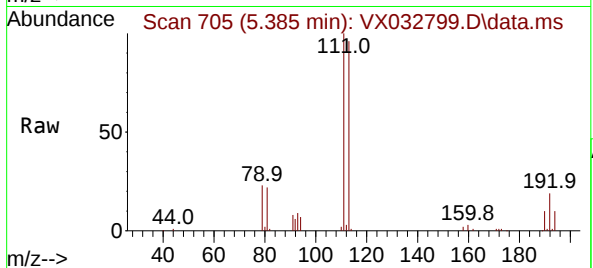
Tgt Ion:113 Resp: 54429

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 19.4 15.4 23.2



#50

Toluene-d8

Concen: 49.901 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032799.D

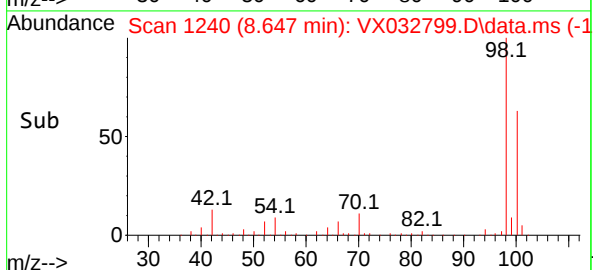
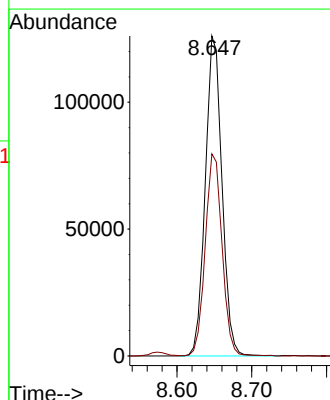
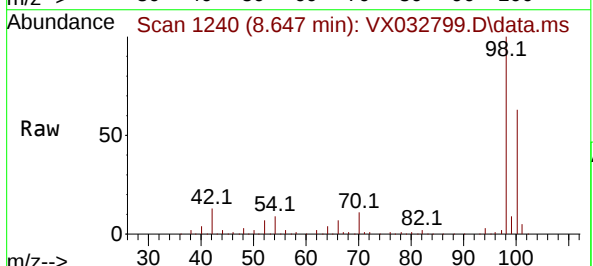
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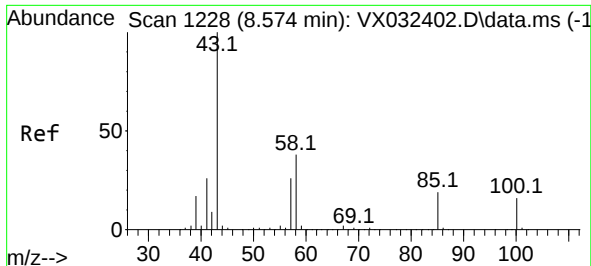
Tgt Ion: 98 Resp: 195528

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3

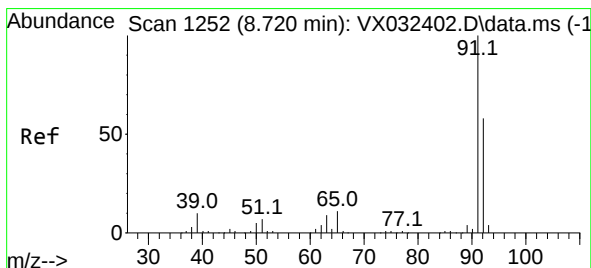
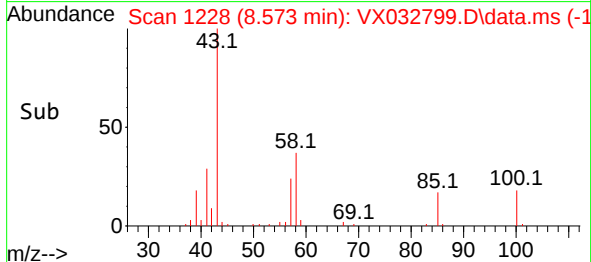
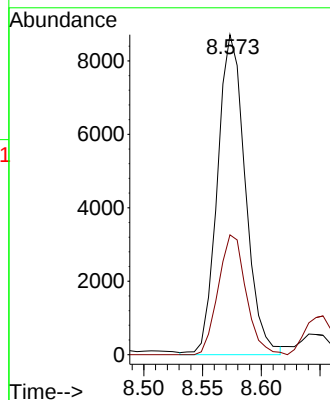
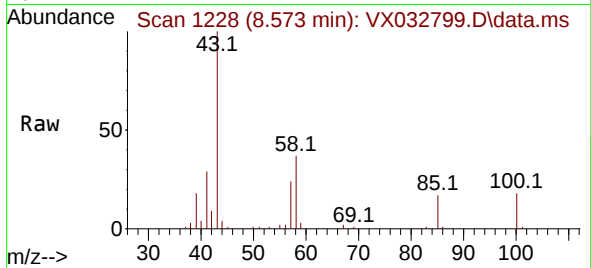




#51
4-Methyl-2-Pentanone
Concen: 9.121 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

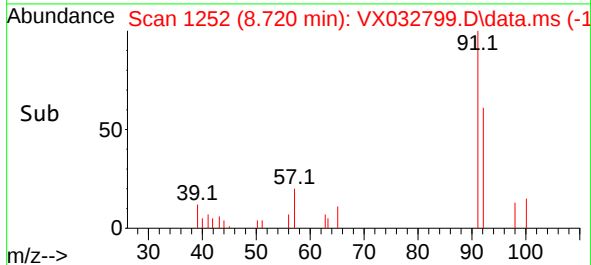
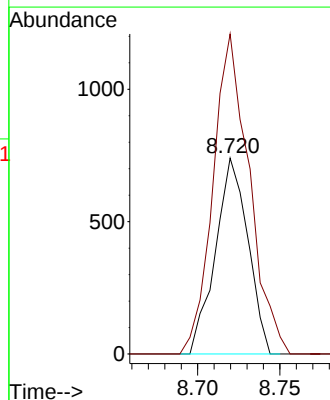
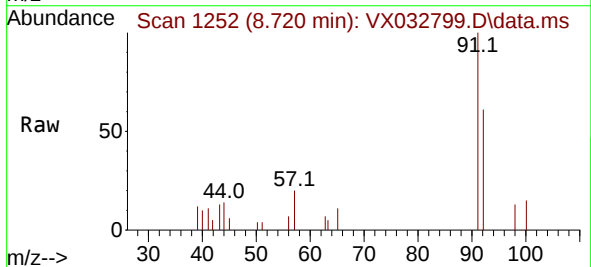
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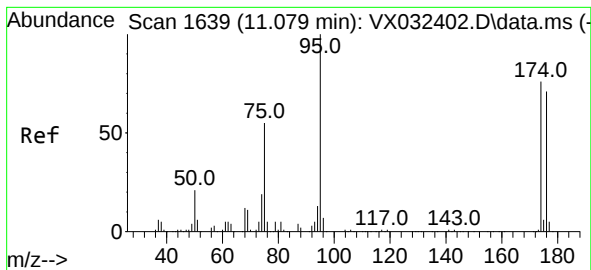
Tgt Ion: 43 Resp: 14409
Ion Ratio Lower Upper
43 100
58 37.2 30.9 46.3



#52
Toluene
Concen: 0.351 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Tgt Ion: 92 Resp: 1018
Ion Ratio Lower Upper
92 100
91 181.7 138.3 207.5

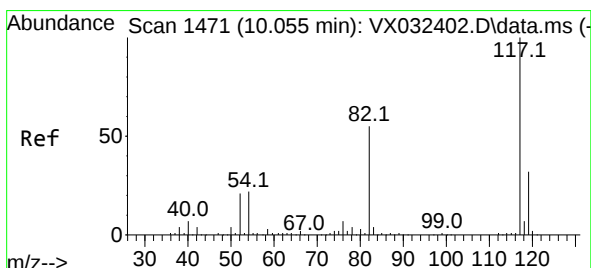
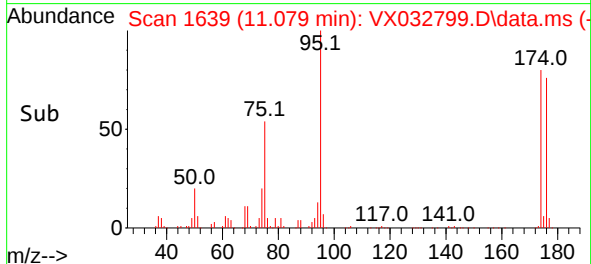
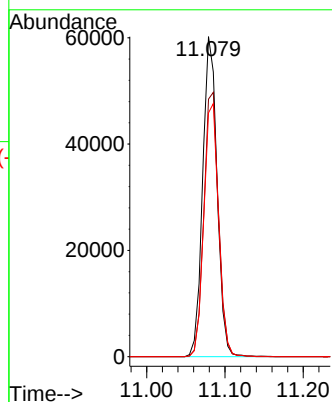
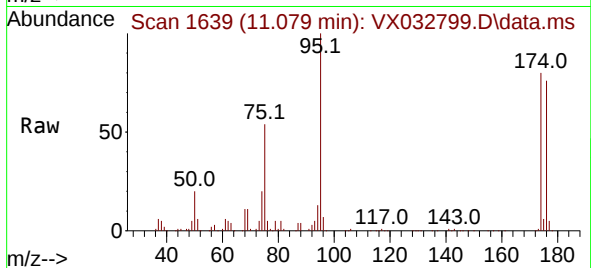




#62
4-Bromofluorobenzene
Concen: 50.176 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

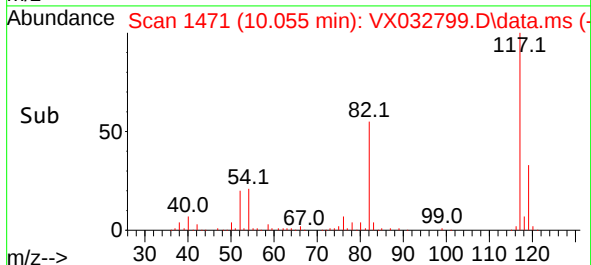
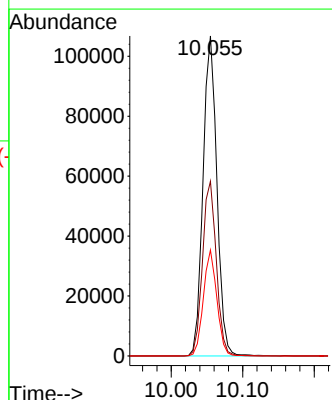
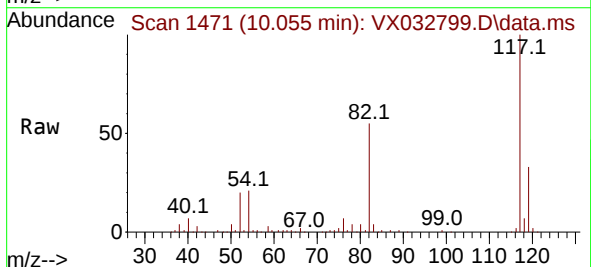
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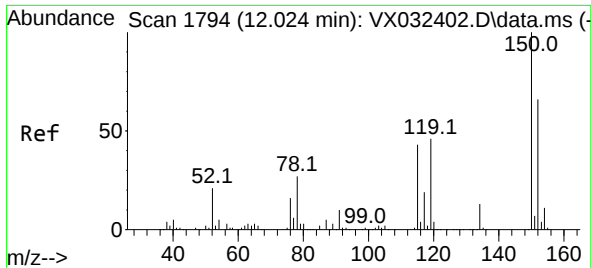
Tgt Ion: 95 Resp: 76799
Ion Ratio Lower Upper
95 100
174 84.5 0.0 164.0
176 81.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Tgt Ion: 117 Resp: 143755
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 33.1 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: VX032799.D

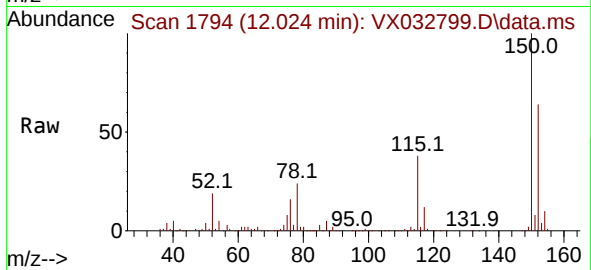
Acq: 14 Nov 2022 16:59

Instrument :

MSVOA_X

ClientSampleId :

31915



Tgt Ion:152 Resp: 71290

Ion Ratio Lower Upper

152 100

115 59.4 44.0 132.0

150 156.2 0.0 351.8

