

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032507.D
 Acq On : 01 Nov 2022 12:52
 Operator : JC/MD
 Sample : N5391-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31845

Quant Time: Nov 02 05:28:20 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)

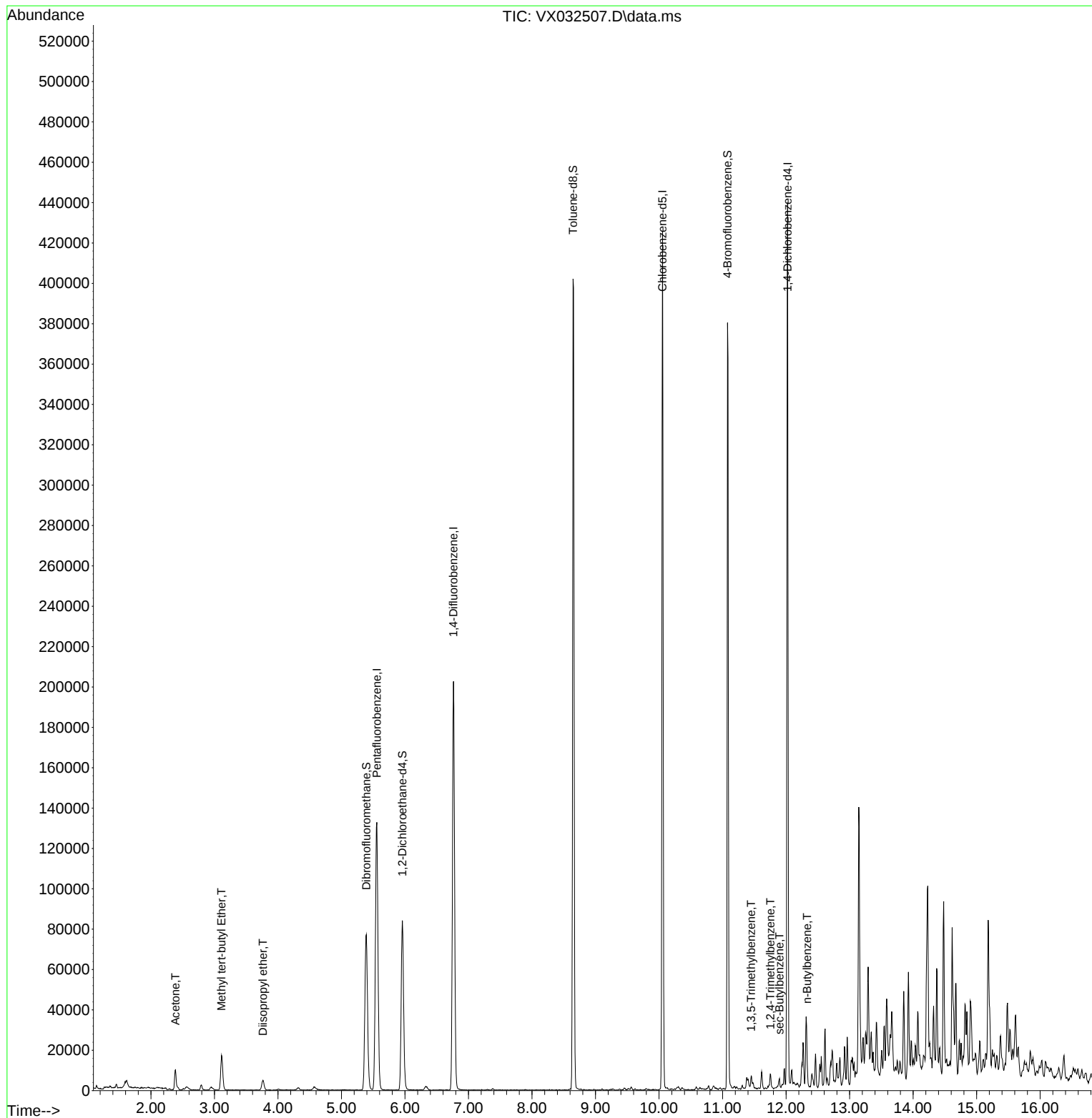
Internal Standards						
1) Pentafluorobenzene	5.556	168	124889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83309	48.008	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.020%
35) Dibromofluoromethane	5.391	113	66414	45.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.647	98	241803	47.819	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.640%
62) 4-Bromofluorobenzene	11.079	95	96112	48.658	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.320%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	10836	17.181	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	18566	4.218	ug/l	99
22) Diisopropyl ether	3.763	45	4990	1.155	ug/l #	83
80) 1,3,5-Trimethylbenzene	11.451	105	2749	0.457	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	3121	0.522	ug/l	91
85) sec-Butylbenzene	11.896	105	2545	0.352	ug/l	88
89) n-Butylbenzene	12.329	91	5007	0.939	ug/l #	27

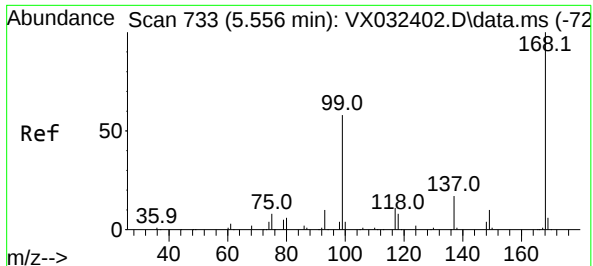
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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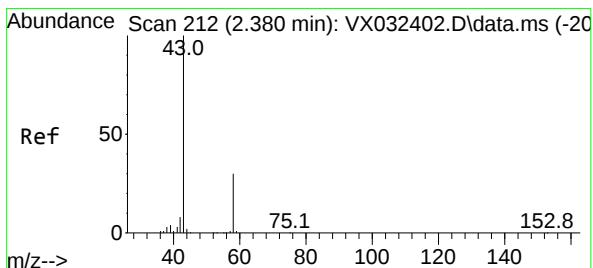
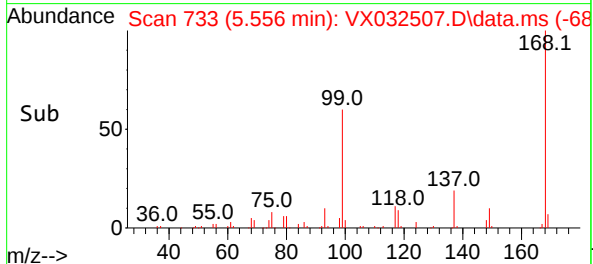
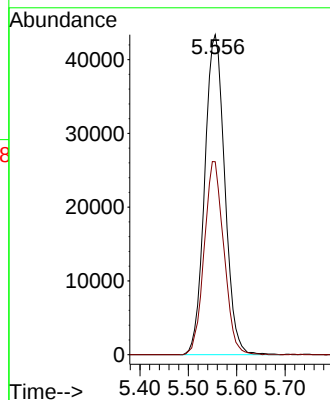
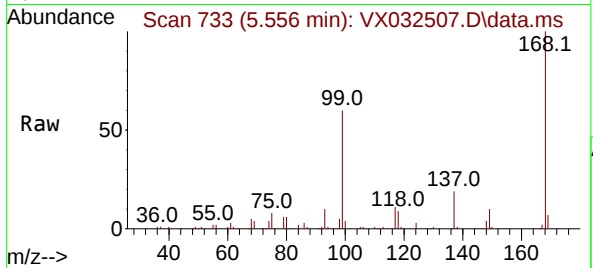




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032507.D
Acq: 01 Nov 2022 12:52

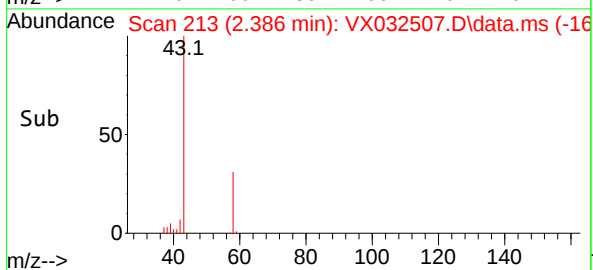
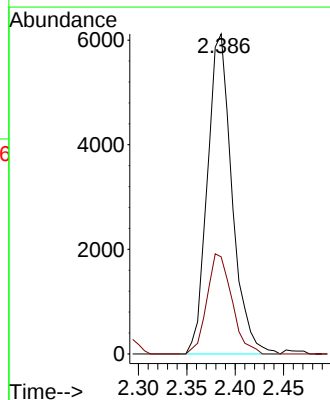
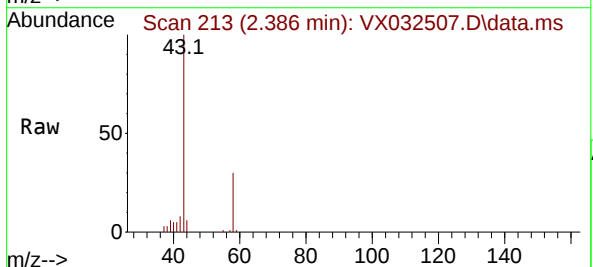
Instrument :
MSVOA_X
ClientSampleId :
31845

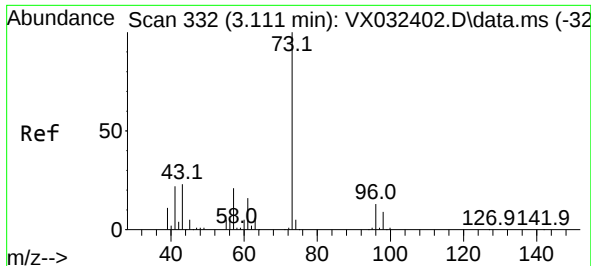
Tgt Ion:168 Resp: 124889
Ion Ratio Lower Upper
168 100
99 60.3 46.1 69.1



#16
Acetone
Concen: 17.181 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032507.D
Acq: 01 Nov 2022 12:52

Tgt Ion: 43 Resp: 10836
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.8





#19

Methyl tert-butyl Ether

Concen: 4.218 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX032507.D

Acq: 01 Nov 2022 12:52

Instrument :

MSVOA_X

ClientSampleId :

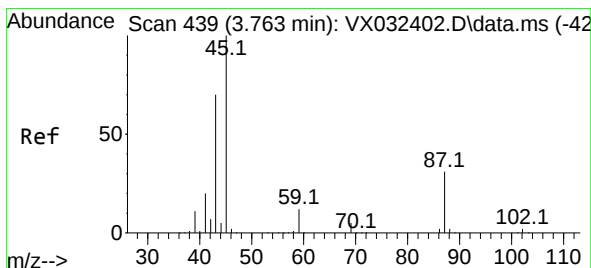
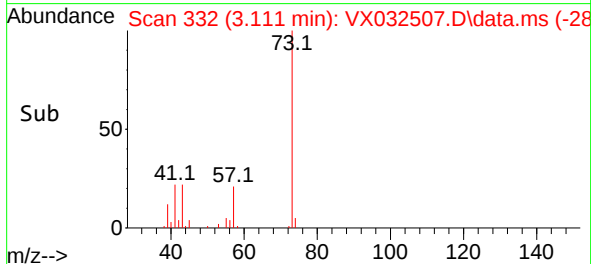
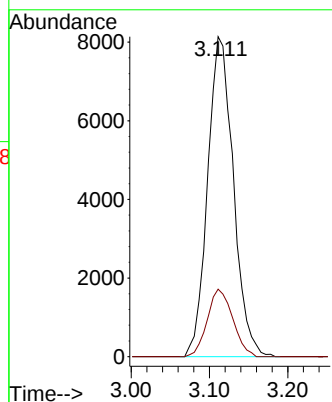
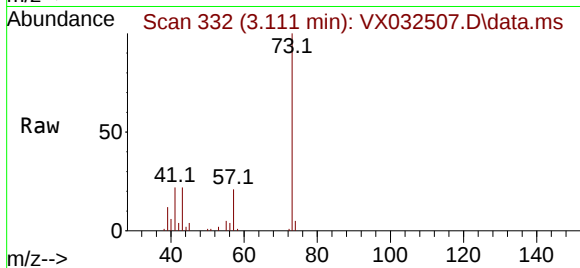
31845

Tgt Ion: 73 Resp: 18566

Ion Ratio Lower Upper

73 100

57 21.1 16.6 25.0



#22

Diisopropyl ether

Concen: 1.155 ug/l

RT: 3.763 min Scan# 439

Delta R.T. -0.000 min

Lab File: VX032507.D

Acq: 01 Nov 2022 12:52

Tgt Ion: 45 Resp: 4990

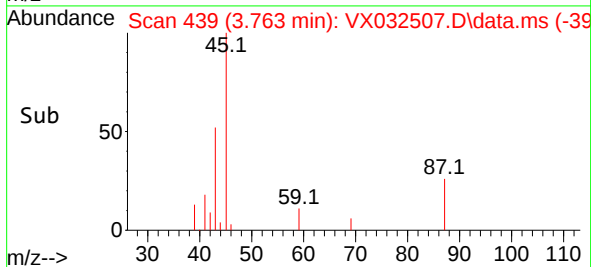
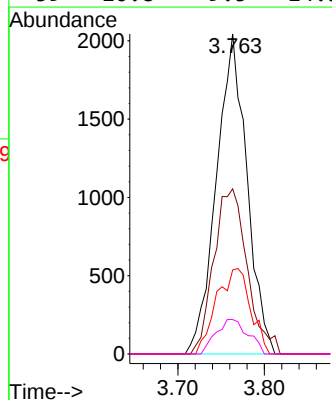
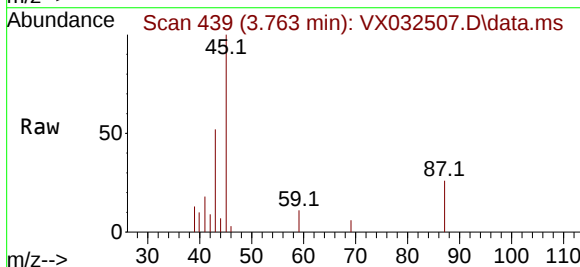
Ion Ratio Lower Upper

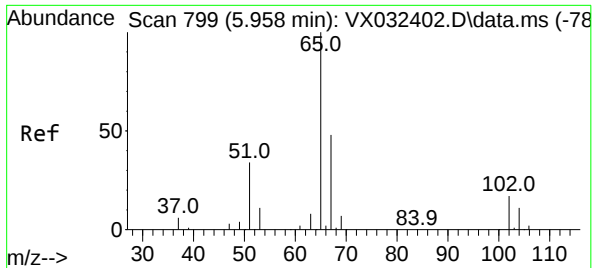
45 100

43 51.6 56.4 84.6#

87 26.3 24.4 36.6

59 10.8 9.5 14.3





#33

1,2-Dichloroethane-d4

Concen: 48.008 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032507.D

Acq: 01 Nov 2022 12:52

Instrument :

MSVOA_X

ClientSampleId :

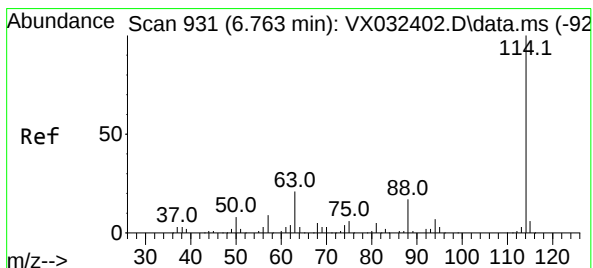
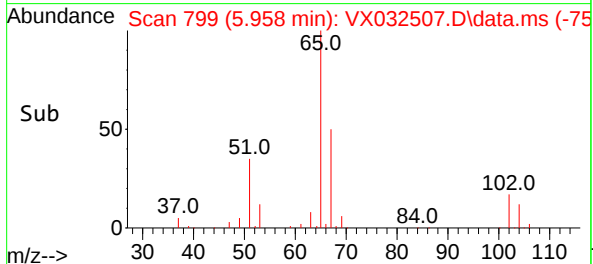
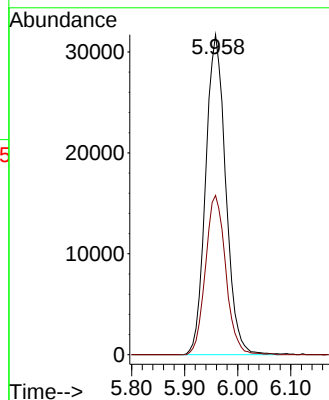
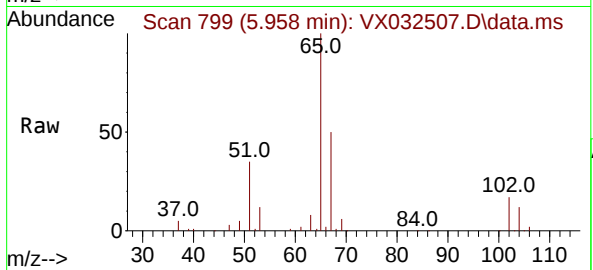
31845

Tgt Ion: 65 Resp: 83309

Ion Ratio Lower Upper

65 100

67 50.3 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: VX032507.D

Acq: 01 Nov 2022 12:52

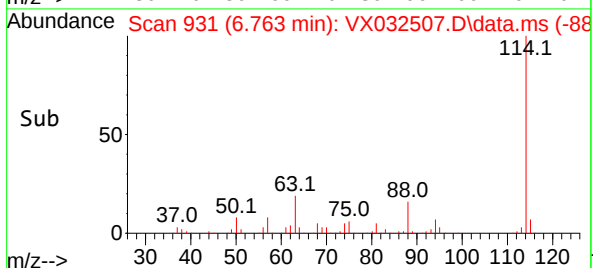
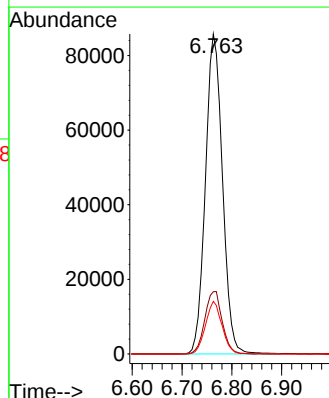
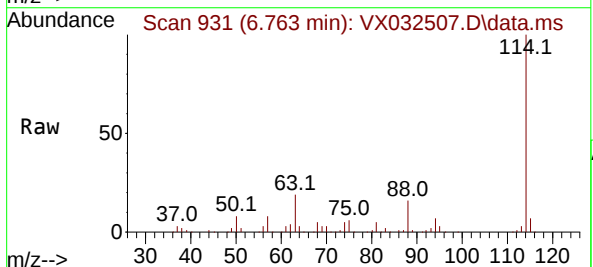
Tgt Ion: 114 Resp: 203870

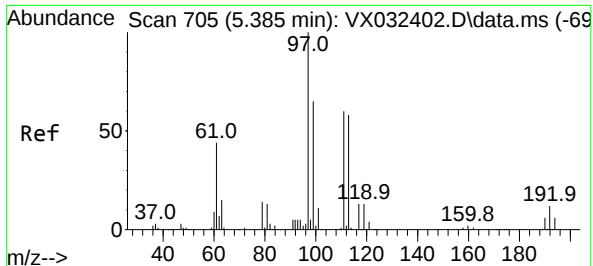
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.670 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032507.D

Acq: 01 Nov 2022 12:52

Instrument :

MSVOA_X

ClientSampleId :

31845

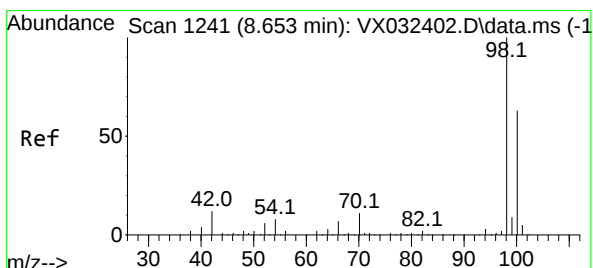
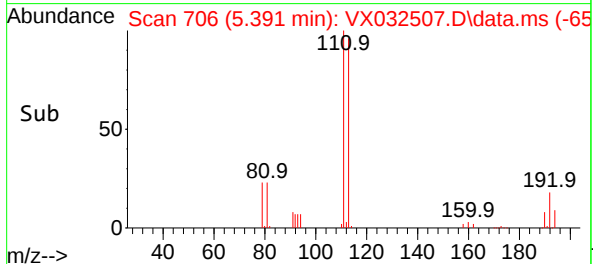
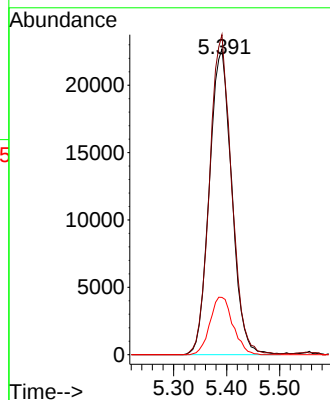
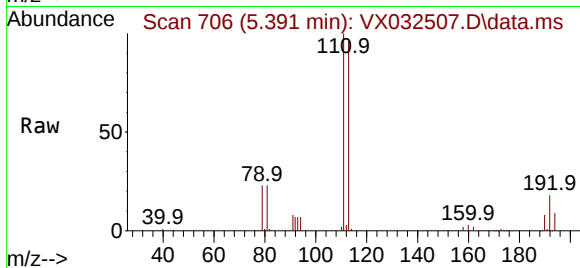
Tgt Ion:113 Resp: 66414

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 19.3 15.4 23.2



#50

Toluene-d8

Concen: 47.819 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032507.D

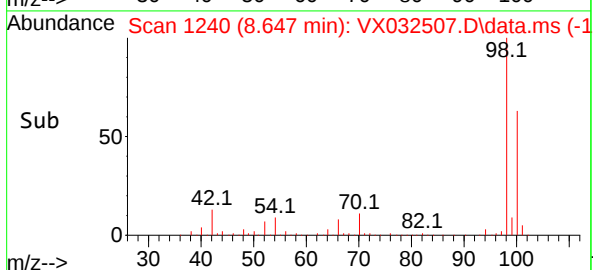
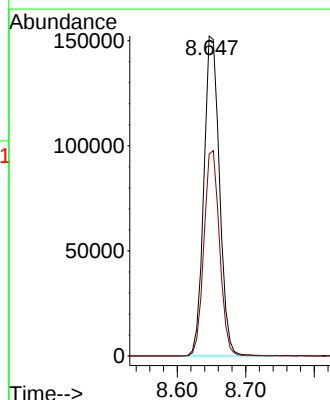
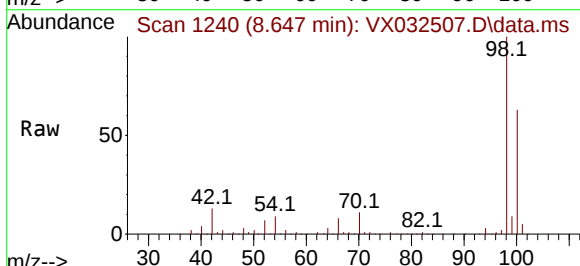
Acq: 01 Nov 2022 12:52

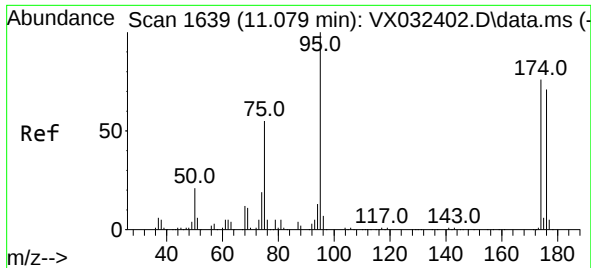
Tgt Ion: 98 Resp: 241803

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3

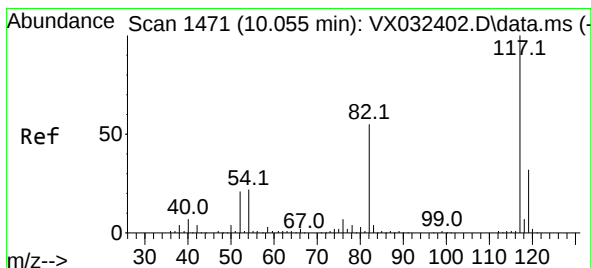
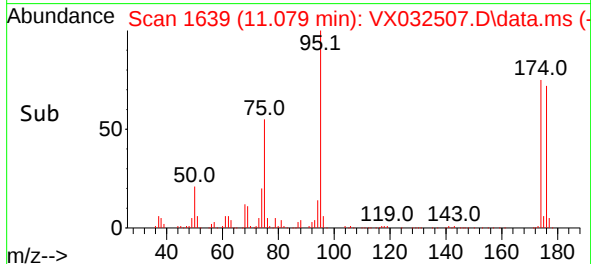
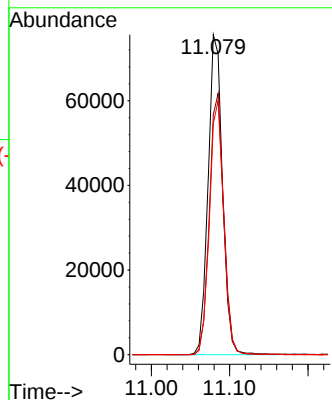
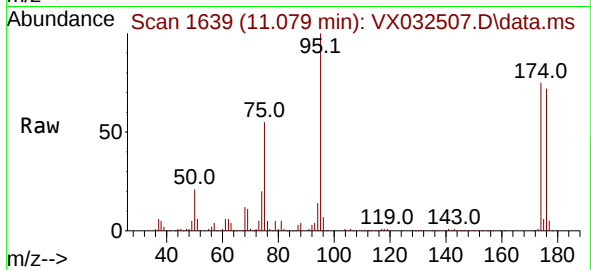




#62
4-Bromofluorobenzene
Concen: 48.658 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032507.D
Acq: 01 Nov 2022 12:52

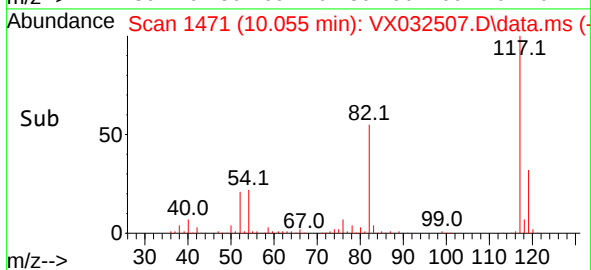
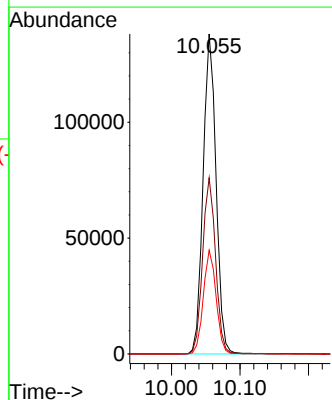
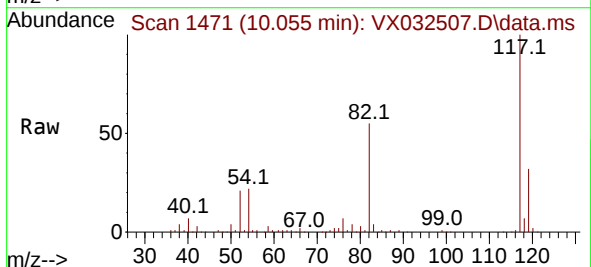
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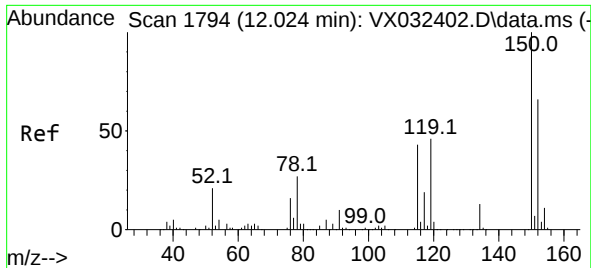
Tgt Ion: 95 Resp: 96112
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 78.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032507.D
Acq: 01 Nov 2022 12:52

Tgt Ion: 117 Resp: 181923
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.4 25.7 38.5

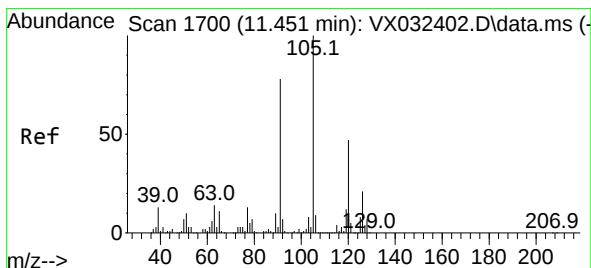
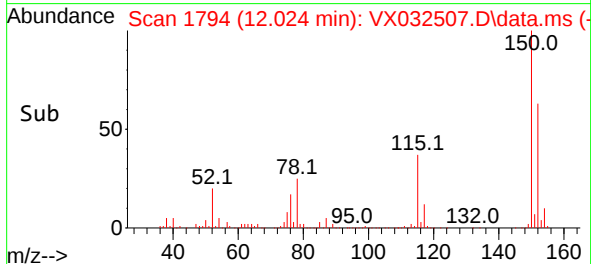
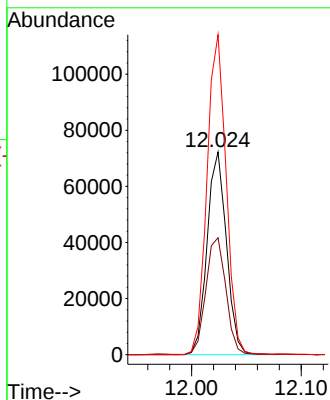
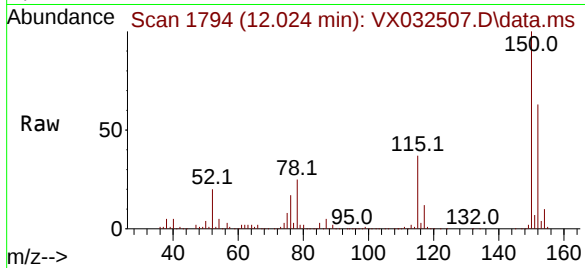




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032507.D
 Acq: 01 Nov 2022 12:52

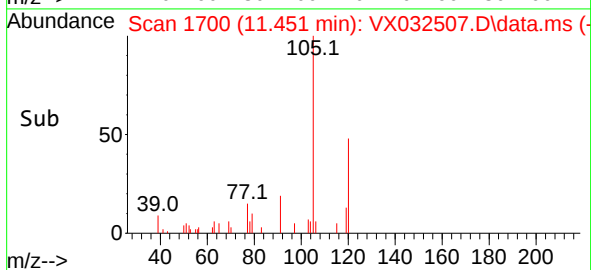
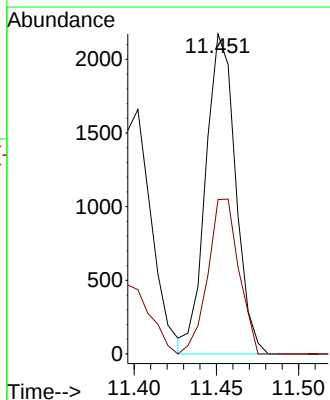
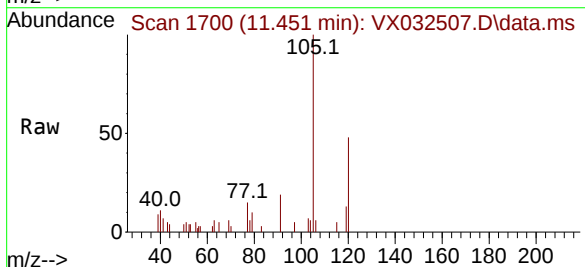
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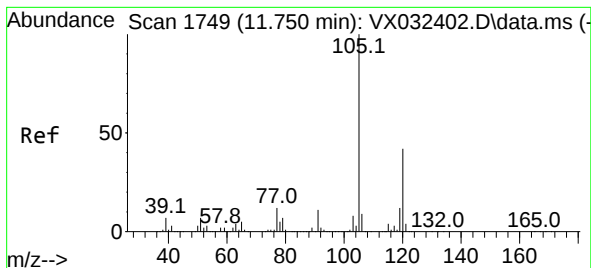
Tgt Ion:152 Resp: 88786
 Ion Ratio Lower Upper
 152 100
 115 59.3 44.0 132.0
 150 156.2 0.0 351.8



#80
 1,3,5-Trimethylbenzene
 Concen: 0.457 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX032507.D
 Acq: 01 Nov 2022 12:52

Tgt Ion:105 Resp: 2749
 Ion Ratio Lower Upper
 105 100
 120 50.0 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 0.522 ug/l

RT: 11.756 min Scan# 11750

Delta R.T. 0.006 min

Lab File: VX032507.D

Acq: 01 Nov 2022 12:52

Instrument :

MSVOA_X

ClientSampleId :

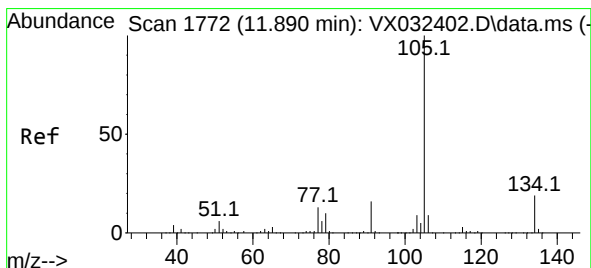
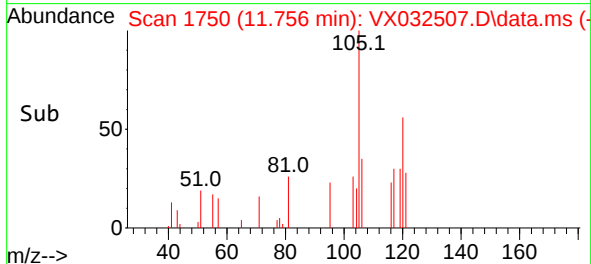
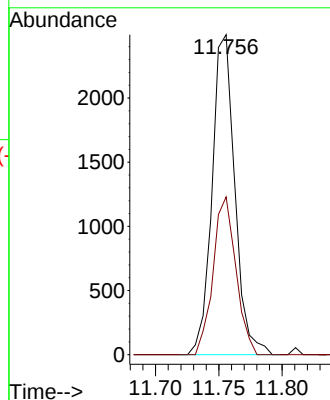
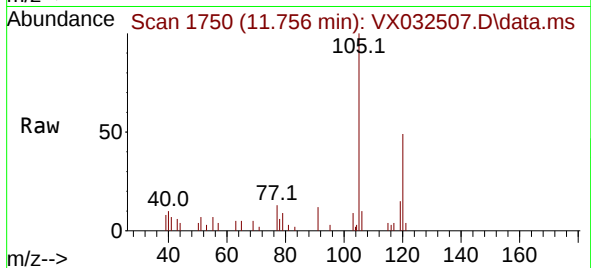
31845

Tgt Ion:105 Resp: 3121

Ion Ratio Lower Upper

105 100

120 49.2 21.9 65.5



#85

sec-Butylbenzene

Concen: 0.352 ug/l

RT: 11.896 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VX032507.D

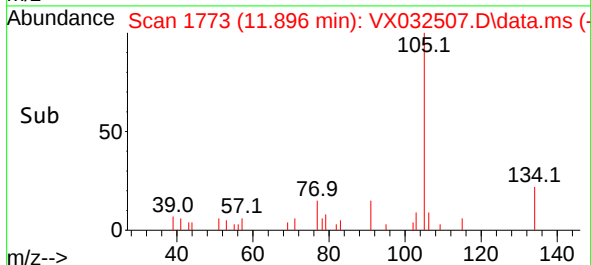
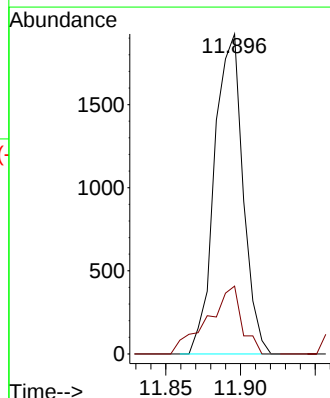
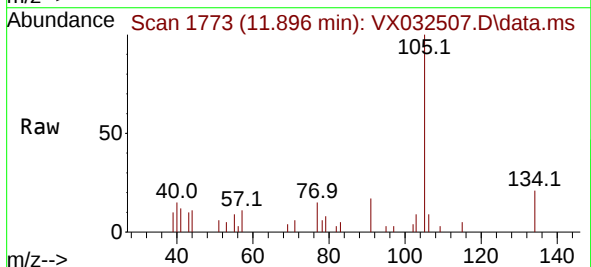
Acq: 01 Nov 2022 12:52

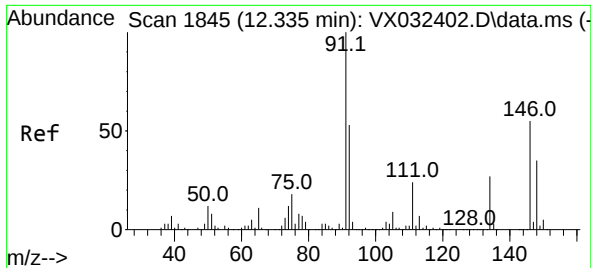
Tgt Ion:105 Resp: 2545

Ion Ratio Lower Upper

105 100

134 25.5 9.9 29.7





#89

n-Butylbenzene

Concen: 0.939 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032507.D

Acq: 01 Nov 2022 12:52

Instrument :

MSVOA_X

ClientSampleId :

31845

Tgt Ion: 91 Resp: 5007

Ion Ratio Lower Upper

91 100

92 27.1 26.2 78.6

134 101.2 12.9 38.6#

