

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032135.D
 Acq On : 14 Oct 2022 15:30
 Operator : JC/MD
 Sample : N5145-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7-101322

Quant Time: Oct 17 02:25:34 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)

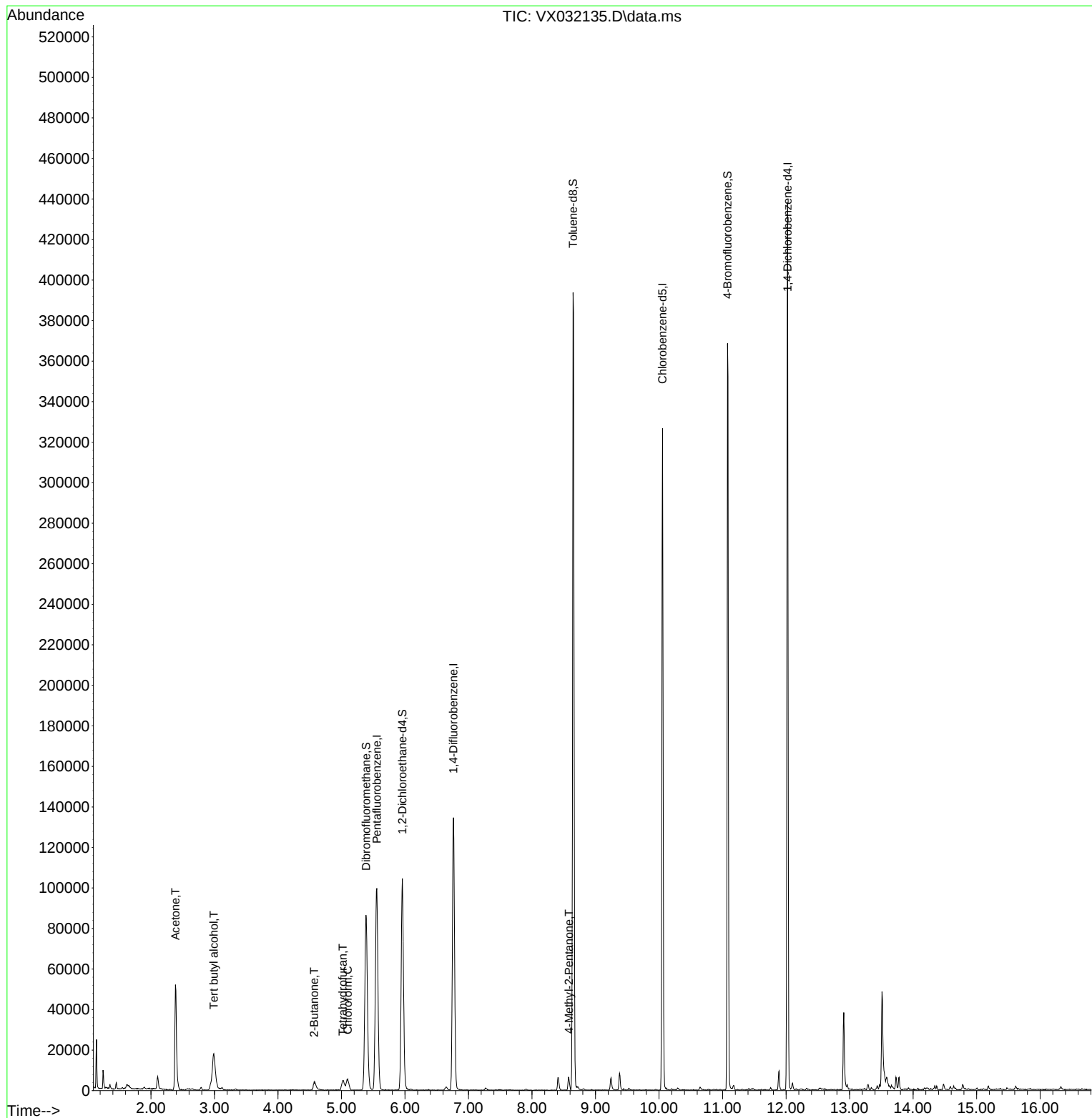
Internal Standards						
1) Pentafluorobenzene	5.556	168	88600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	133452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98364	53.757	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.520%			
35) Dibromofluoromethane	5.385	113	72692	48.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.240%			
50) Toluene-d8	8.646	98	232774	42.823	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 85.640%#			
62) 4-Bromofluorobenzene	11.079	95	93636	48.727	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.460%			
Target Compounds						
11) Tert butyl alcohol	2.989	59	29079	127.733	ug/l	100
16) Acetone	2.385	43	58357	93.841	ug/l	93
25) 2-Butanone	4.568	43	5620	5.781	ug/l	97
29) Tetrahydrofuran	5.019	42	4503	7.179	ug/l	98
30) Chloroform	5.098	83	6239	2.165	ug/l	99
51) 4-Methyl-2-Pentanone	8.579	43	3937	2.076	ug/l	96

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

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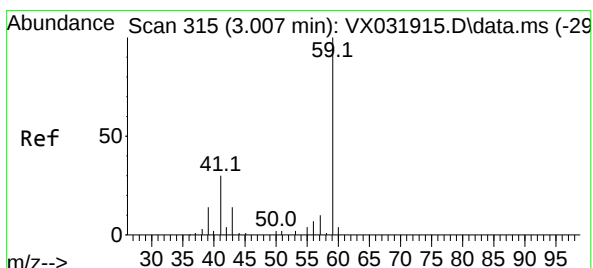
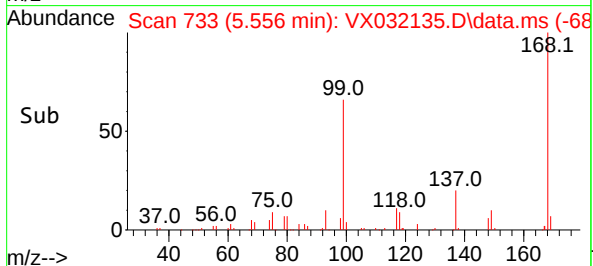
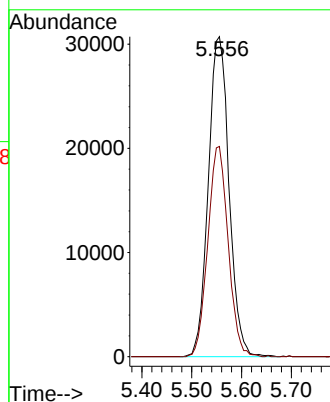
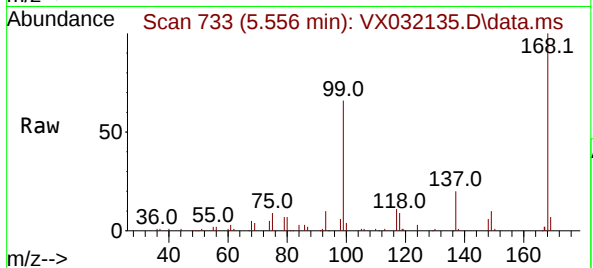




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX032135.D
Acq: 14 Oct 2022 15:30

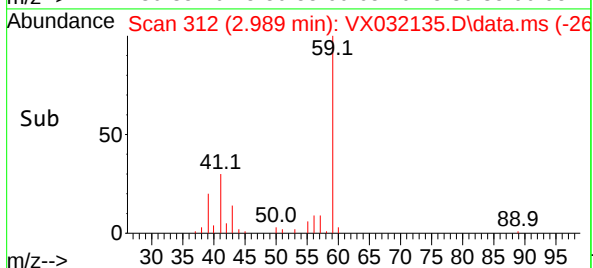
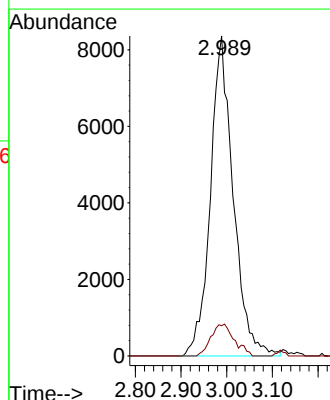
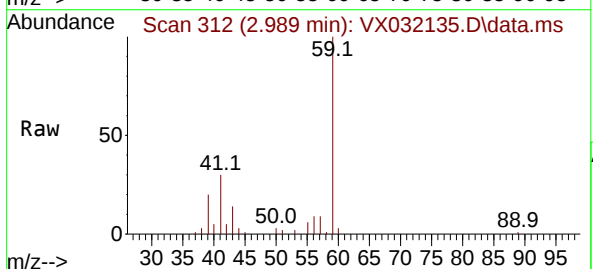
Instrument :
MSVOA_X
ClientSampleId :
MW-7-101322

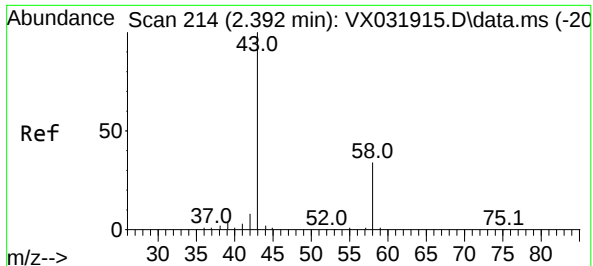
Tgt Ion:168 Resp: 88600
Ion Ratio Lower Upper
168 100
99 65.7 48.8 73.2



#11
Tert butyl alcohol
Concen: 127.733 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.018 min
Lab File: VX032135.D
Acq: 14 Oct 2022 15:30

Tgt Ion: 59 Resp: 29079
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

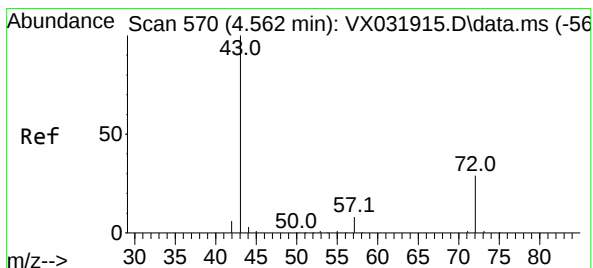
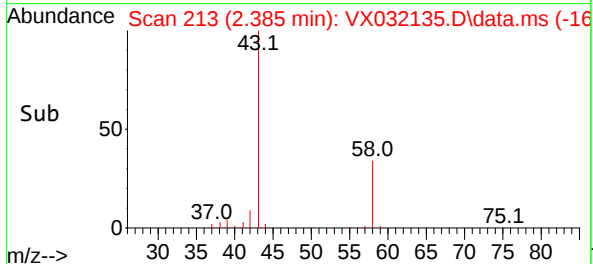
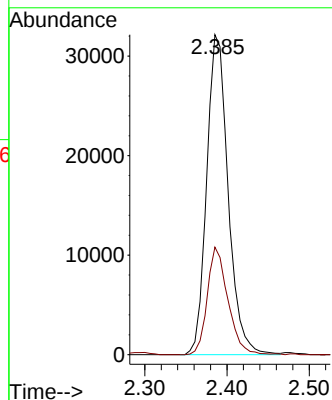
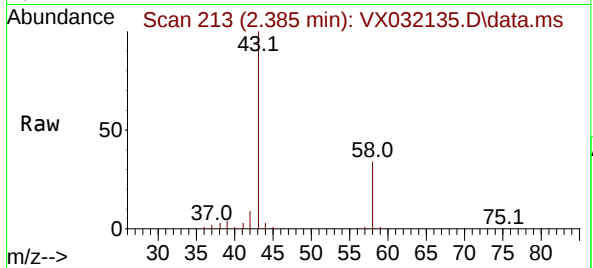




#16
Acetone
Concen: 93.841 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.007 min
Lab File: VX032135.D
Acq: 14 Oct 2022 15:30

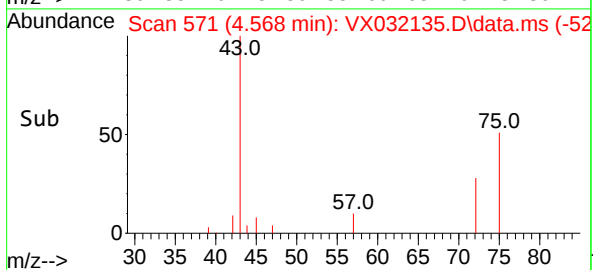
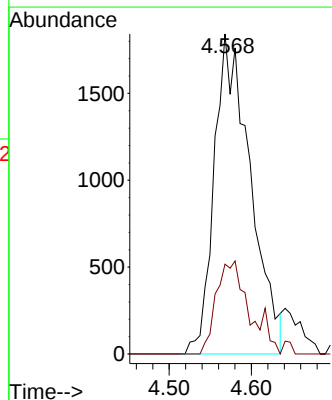
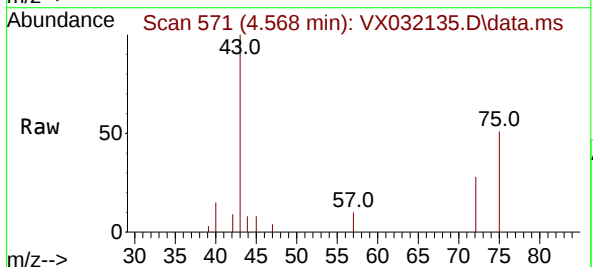
Instrument :
MSVOA_X
ClientSampleId :
MW-7-101322

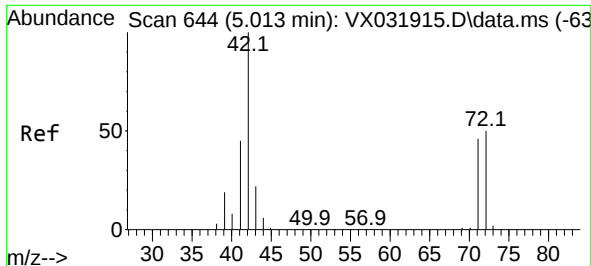
Tgt Ion: 43 Resp: 58357
Ion Ratio Lower Upper
43 100
58 33.6 23.8 35.8



#25
2-Butanone
Concen: 5.781 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX032135.D
Acq: 14 Oct 2022 15:30

Tgt Ion: 43 Resp: 5620
Ion Ratio Lower Upper
43 100
72 28.1 21.1 31.7





#29

Tetrahydrofuran

Concen: 7.179 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX032135.D

Acq: 14 Oct 2022 15:30

Instrument :

MSVOA_X

ClientSampleId :

MW-7-101322

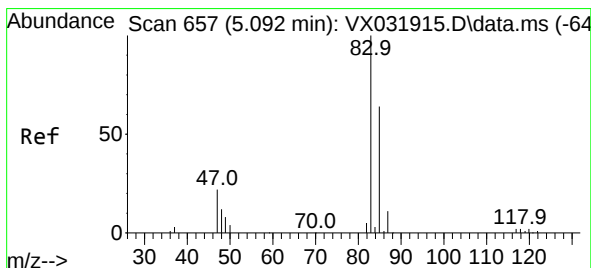
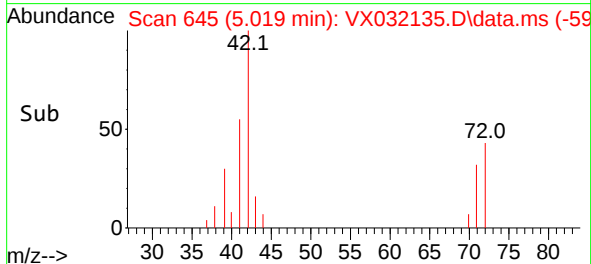
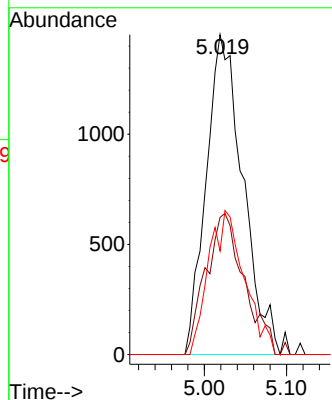
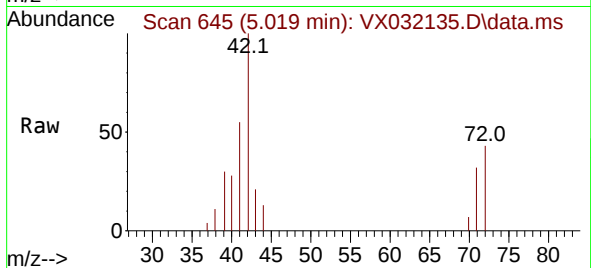
Tgt Ion: 42 Resp: 4503

Ion Ratio Lower Upper

42 100

72 46.0 36.4 54.6

71 44.1 33.5 50.3



#30

Chloroform

Concen: 2.165 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX032135.D

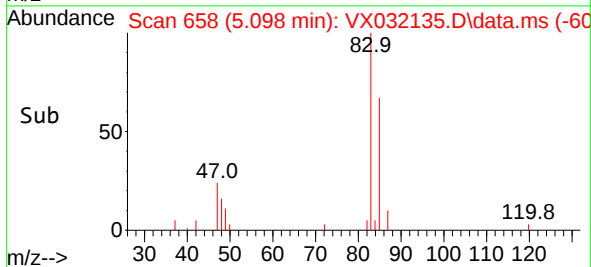
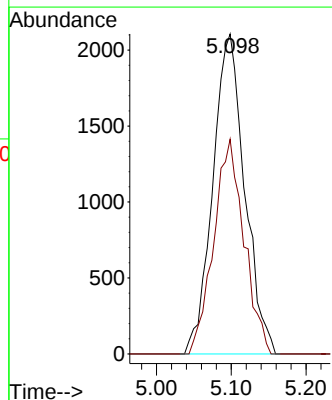
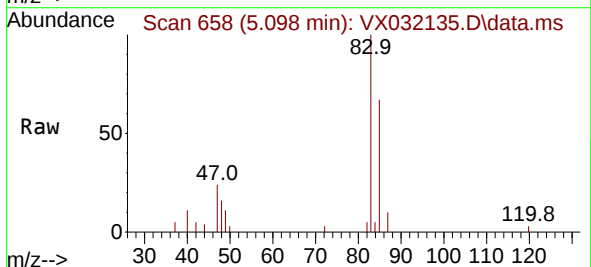
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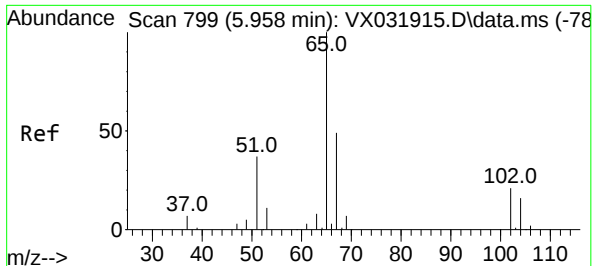
Tgt Ion: 83 Resp: 6239

Ion Ratio Lower Upper

83 100

85 67.1 52.8 79.2





#33

1,2-Dichloroethane-d4

Concen: 53.757 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032135.D

Acq: 14 Oct 2022 15:30

Instrument :

MSVOA_X

ClientSampleId :

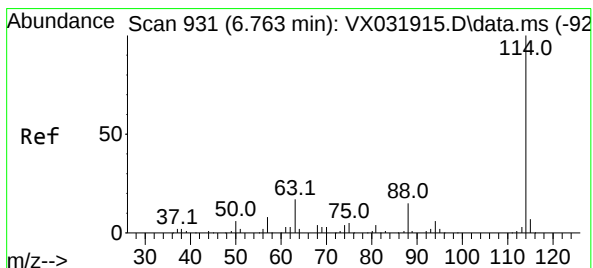
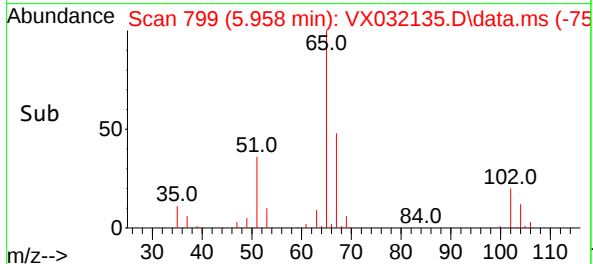
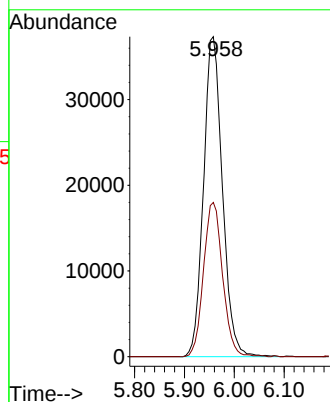
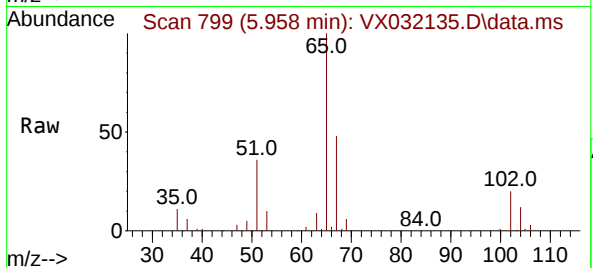
MW-7-101322

Tgt Ion: 65 Resp: 98364

Ion Ratio Lower Upper

65 100

67 48.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032135.D

Acq: 14 Oct 2022 15:30

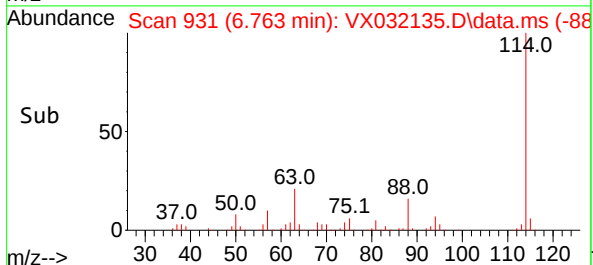
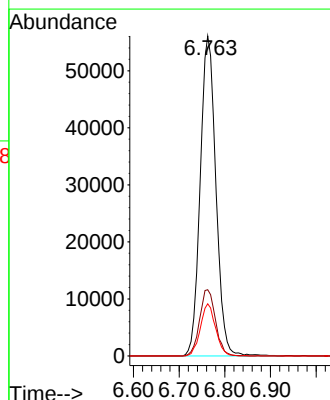
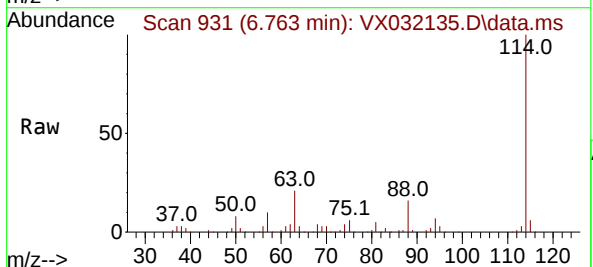
Tgt Ion: 114 Resp: 133452

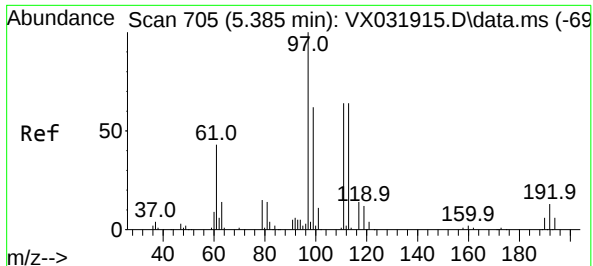
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.121 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032135.D

Acq: 14 Oct 2022 15:30

Instrument :

MSVOA_X

ClientSampleId :

MW-7-101322

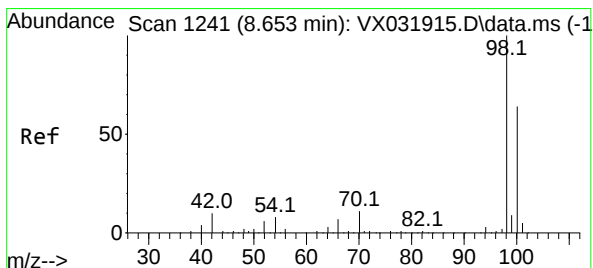
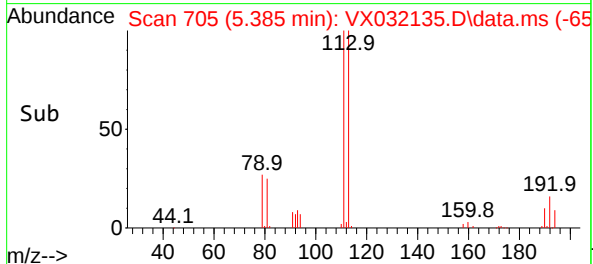
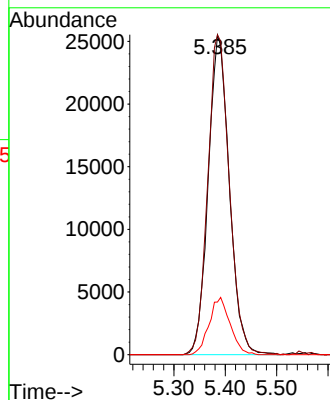
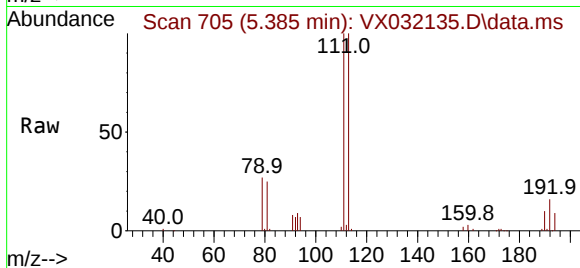
Tgt Ion:113 Resp: 72692

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 17.8 14.1 21.1



#50

Toluene-d8

Concen: 42.823 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.007 min

Lab File: VX032135.D

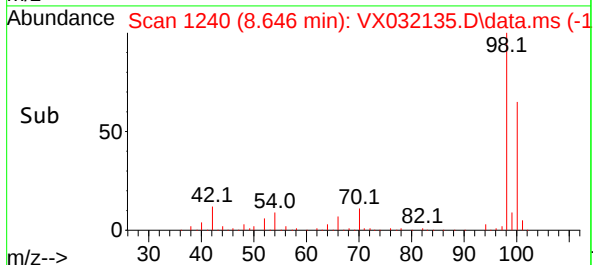
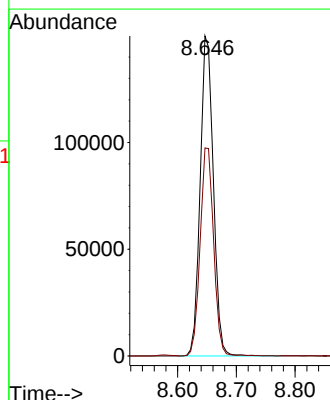
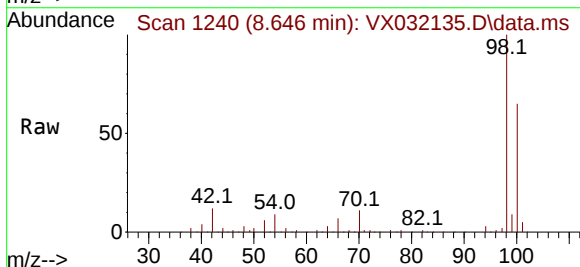
Acq: 14 Oct 2022 15:30

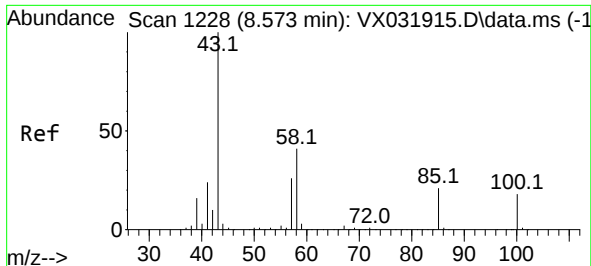
Tgt Ion: 98 Resp: 232774

Ion Ratio Lower Upper

98 100

100 66.5 52.5 78.7

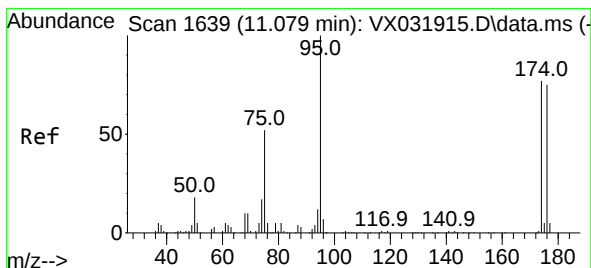
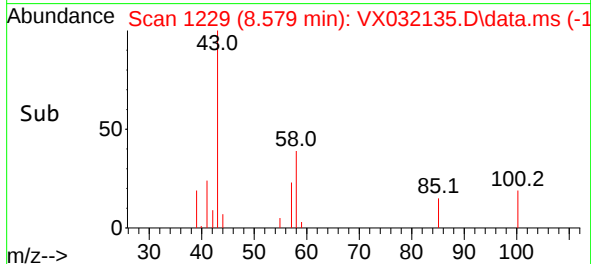
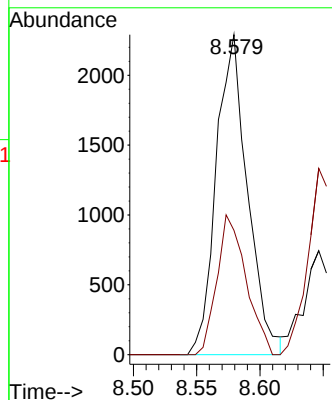
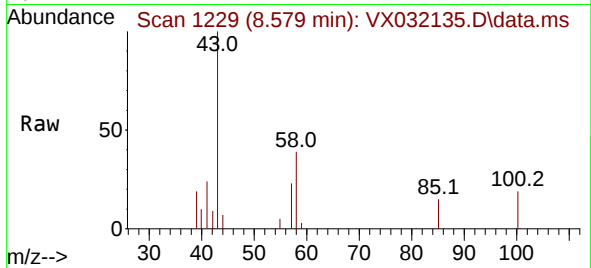




#51
4-Methyl-2-Pentanone
Concen: 2.076 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX032135.D
Acq: 14 Oct 2022 15:30

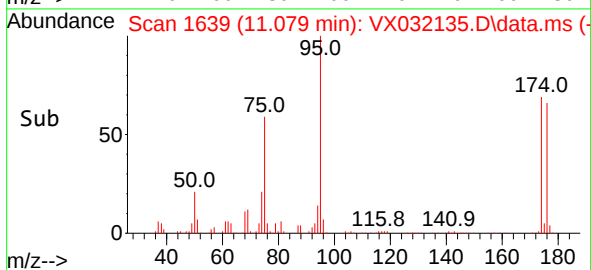
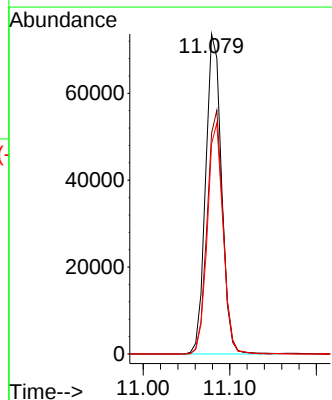
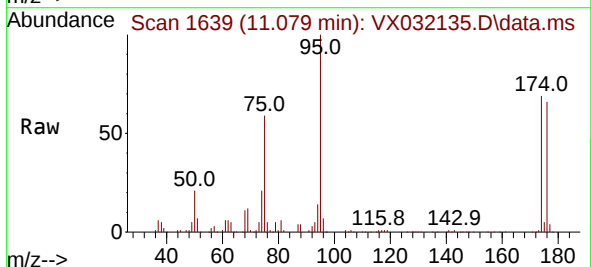
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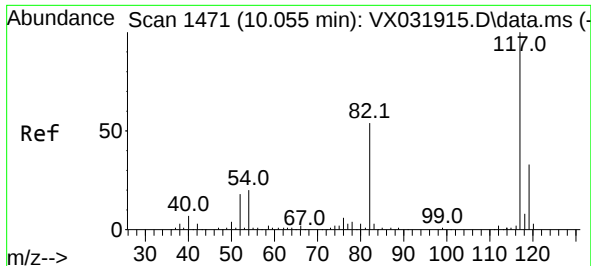
Tgt Ion: 43 Resp: 3937
Ion Ratio Lower Upper
43 100
58 40.7 30.6 46.0



#62
4-Bromofluorobenzene
Concen: 48.727 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032135.D
Acq: 14 Oct 2022 15:30

Tgt Ion: 95 Resp: 93636
Ion Ratio Lower Upper
95 100
174 76.1 0.0 153.2
176 71.7 0.0 144.0

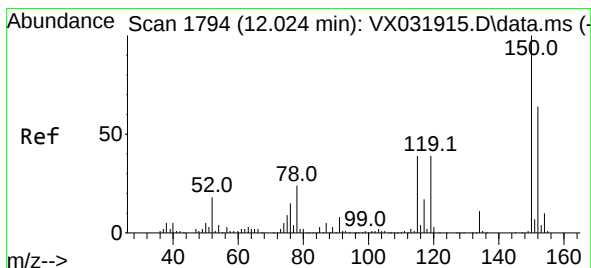
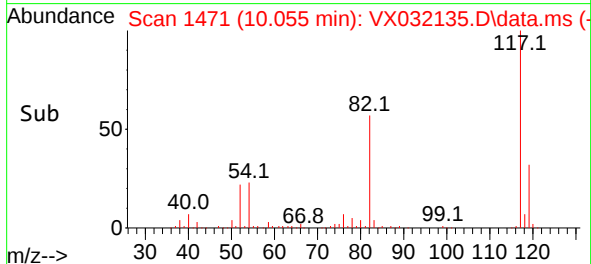
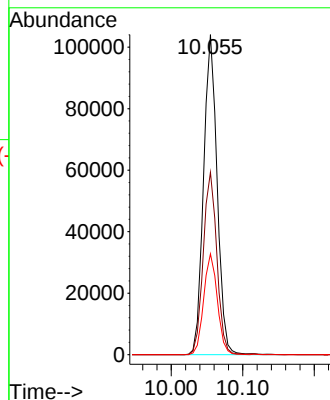
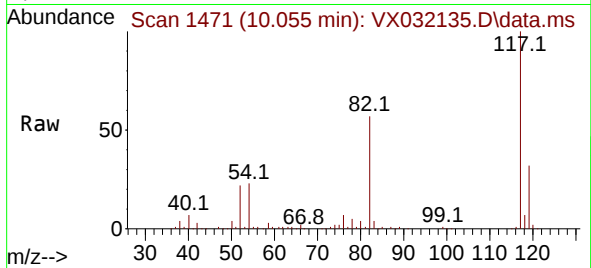




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032135.D
Acq: 14 Oct 2022 15:30

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 137272
Ion Ratio Lower Upper
117 100
82 57.0 46.8 70.2
119 31.5 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: VX032135.D
Acq: 14 Oct 2022 15:30

Tgt Ion:152 Resp: 83832
Ion Ratio Lower Upper
152 100
115 62.1 43.4 130.1
150 155.9 0.0 346.8

