

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027154.D
 Acq On : 23 Feb 2022 18:33
 Operator : JC/MD
 Sample : N1648-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-3

Quant Time: Feb 24 03:33:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

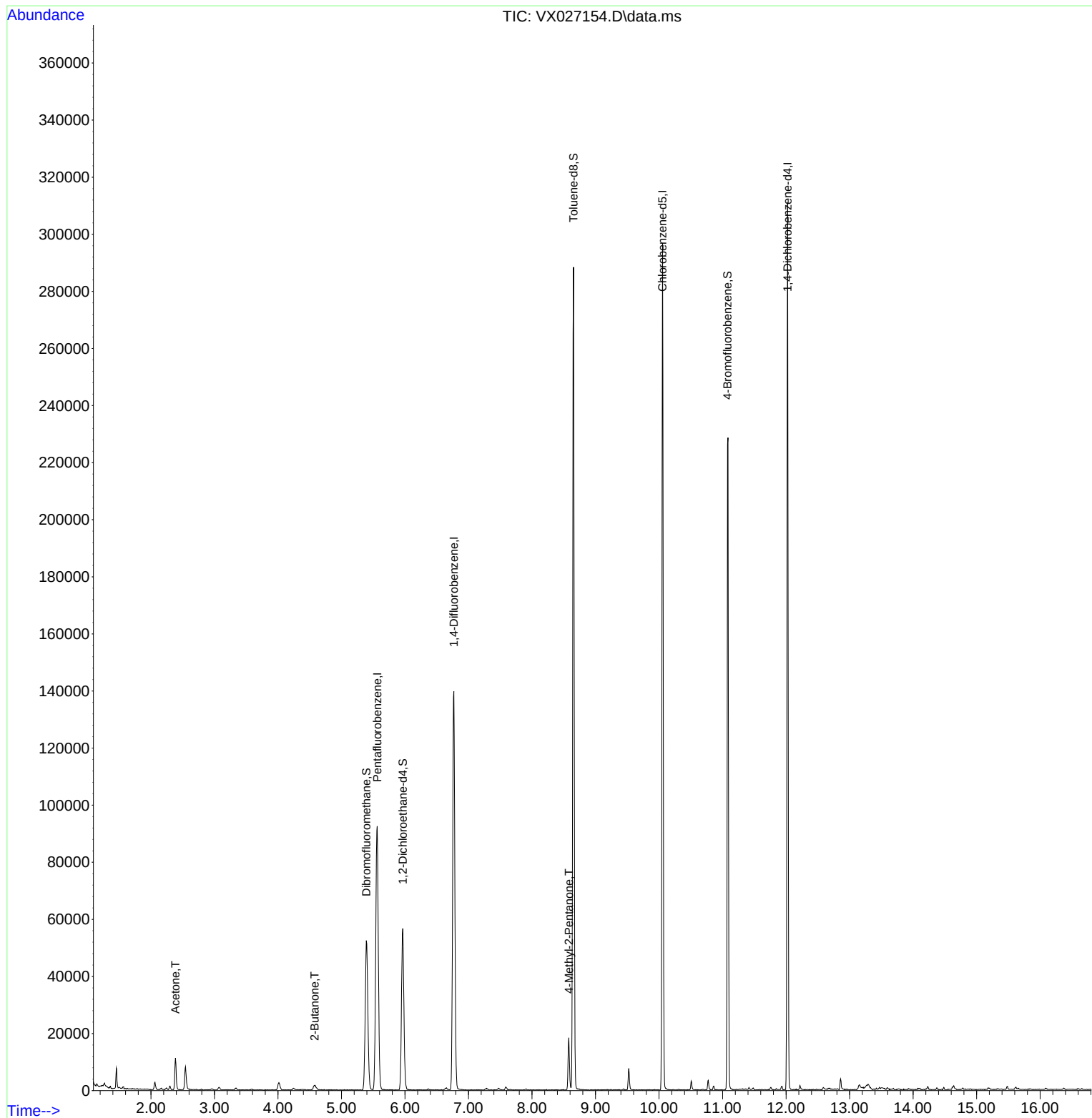
Internal Standards						
1) Pentafluorobenzene	5.562	168	91075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	149756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53360	48.783	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.560%
35) Dibromofluoromethane	5.391	113	46424	49.942	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.880%
50) Toluene-d8	8.653	98	172478	49.623	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.240%
62) 4-Bromofluorobenzene	11.079	95	65013	48.729	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.460%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	11465	23.873	ug/l	91
25) 2-Butanone	4.574	43	3260	4.262	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	11127	7.471	ug/l	98

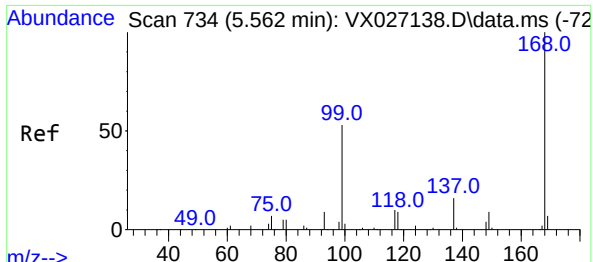
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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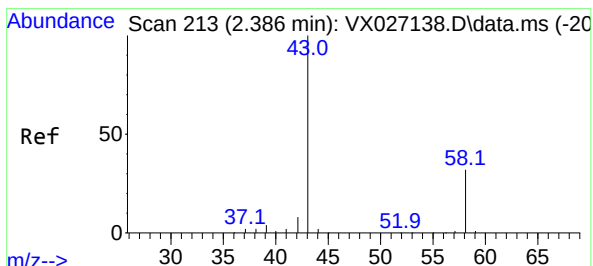
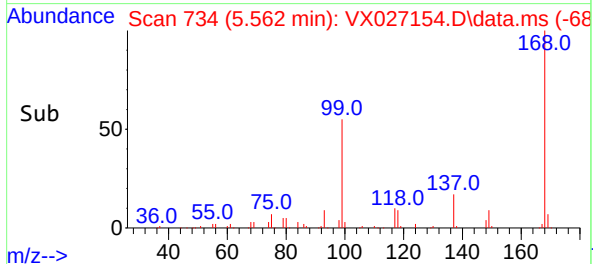
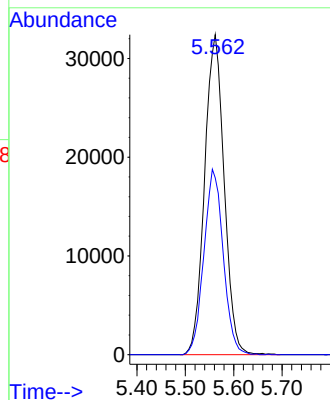
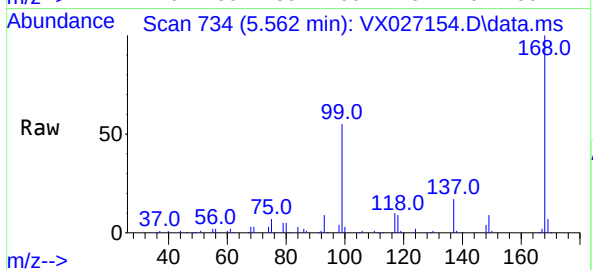




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027154.D
Acq: 23 Feb 2022 18:33

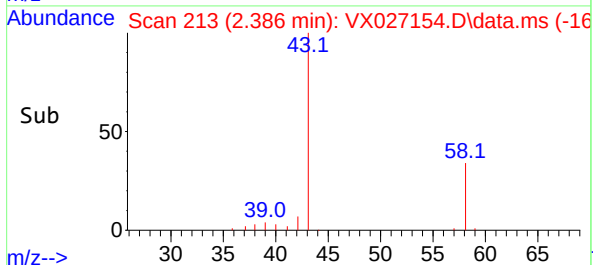
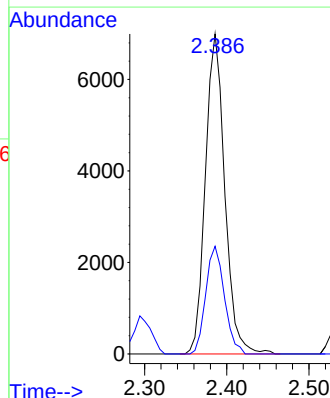
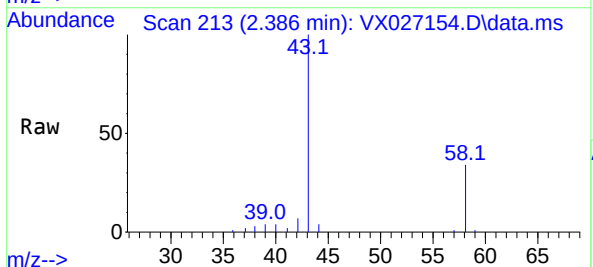
Instrument :
MSVOA_X
ClientSampleId :
OF-3

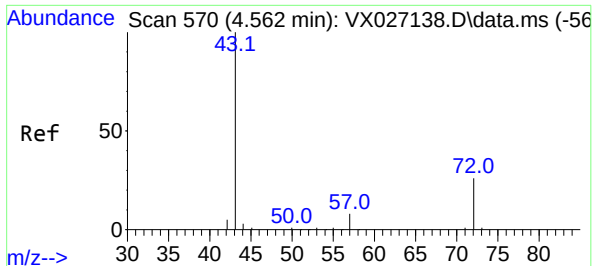
Tgt Ion:168 Resp: 91075
Ion Ratio Lower Upper
168 100
99 55.2 50.3 75.5



#16
Acetone
Concen: 23.873 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027154.D
Acq: 23 Feb 2022 18:33

Tgt Ion: 43 Resp: 11465
Ion Ratio Lower Upper
43 100
58 33.6 23.0 34.6





#25

2-Butanone

Concen: 4.262 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX027154.D

Acq: 23 Feb 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :

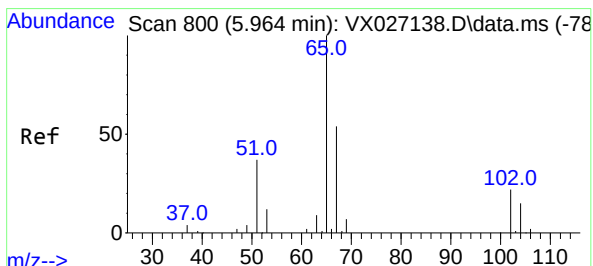
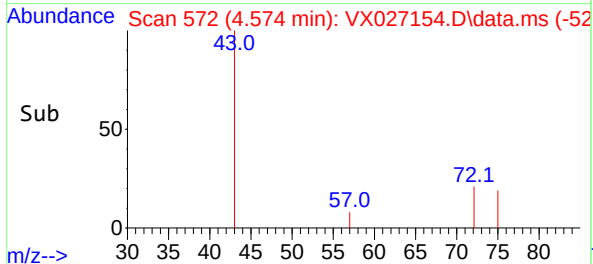
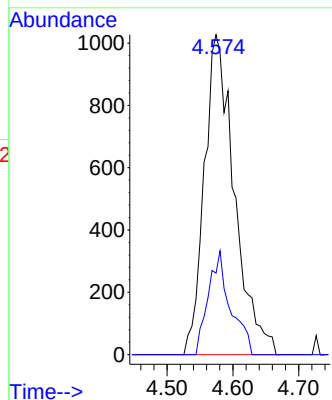
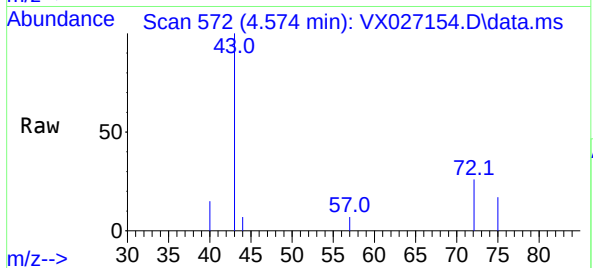
OF-3

Tgt Ion: 43 Resp: 3260

Ion Ratio Lower Upper

43 100

72 25.5 20.4 30.6



#33

1,2-Dichloroethane-d4

Concen: 48.783 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027154.D

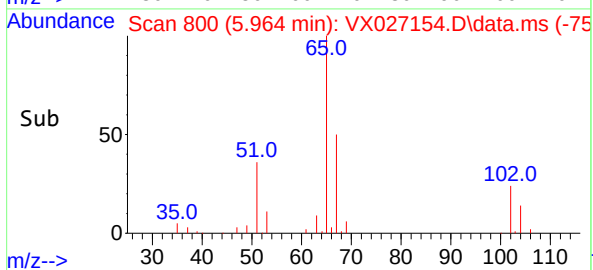
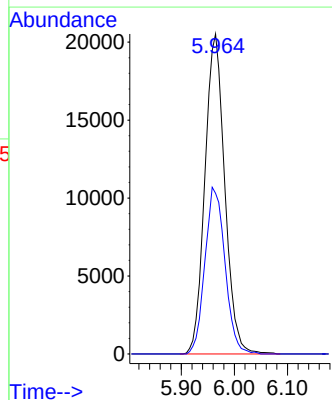
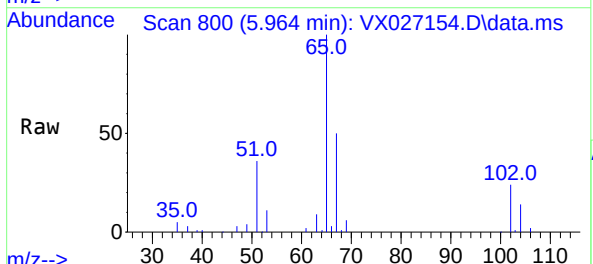
Acq: 23 Feb 2022 18:33

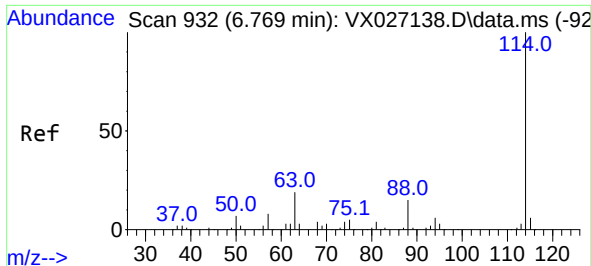
Tgt Ion: 65 Resp: 53360

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.8

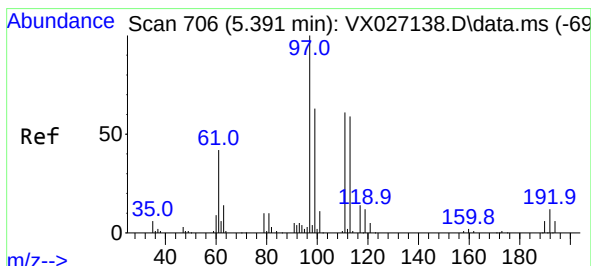
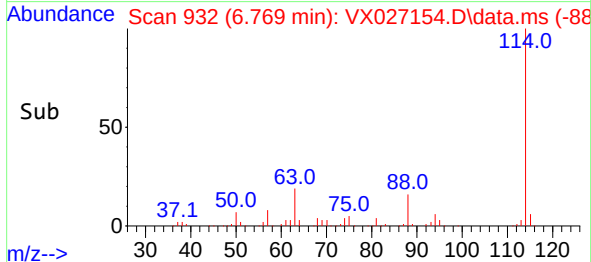
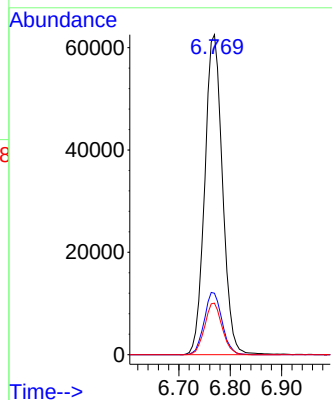
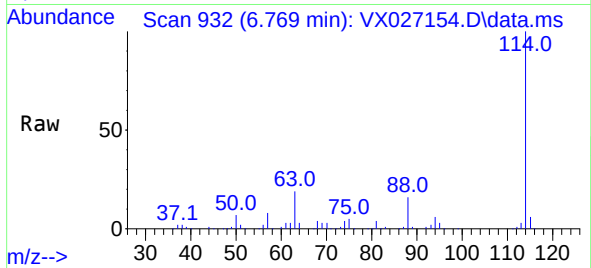




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027154.D
Acq: 23 Feb 2022 18:33

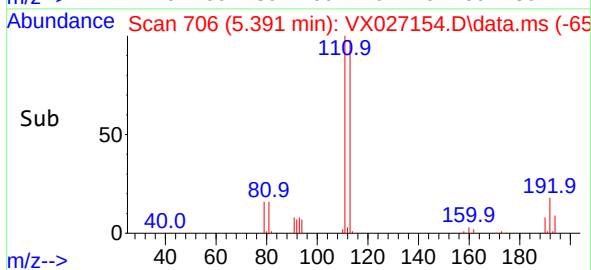
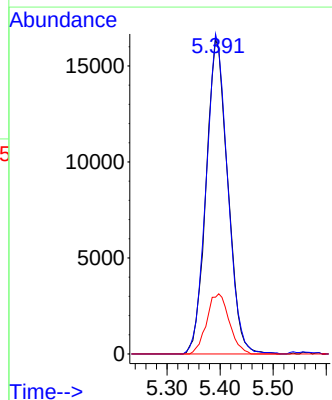
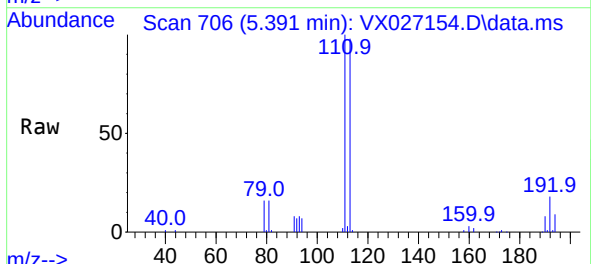
Instrument :
MSVOA_X
ClientSampleId :
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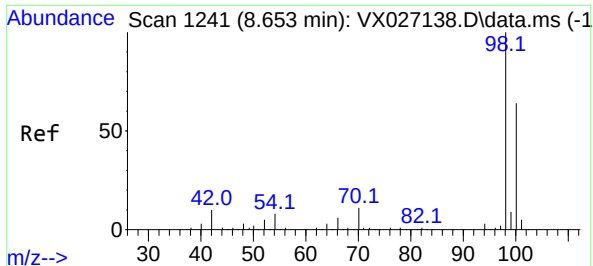
Tgt Ion:114 Resp: 149756
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.8
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.942 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027154.D
Acq: 23 Feb 2022 18:33

Tgt Ion:113 Resp: 46424
Ion Ratio Lower Upper
113 100
111 100.7 81.2 121.8
192 19.8 15.0 22.4

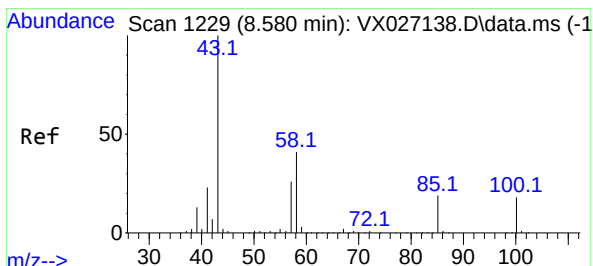
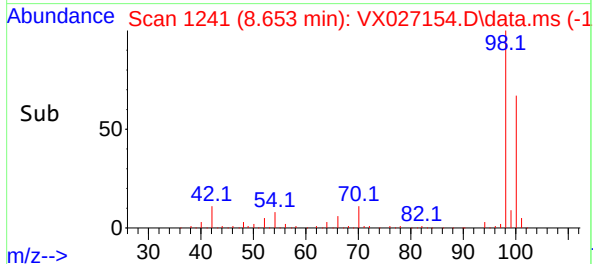
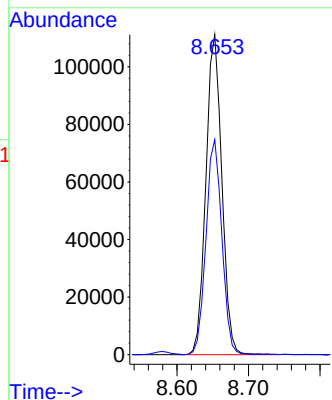
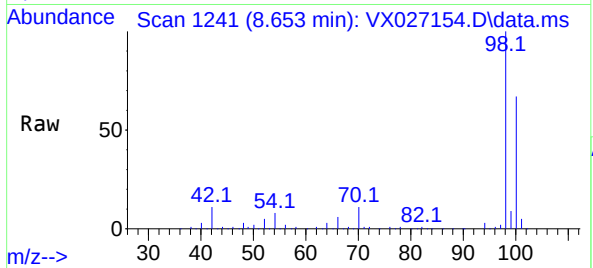




#50
Toluene-d8
Concen: 49.623 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027154.D
Acq: 23 Feb 2022 18:33

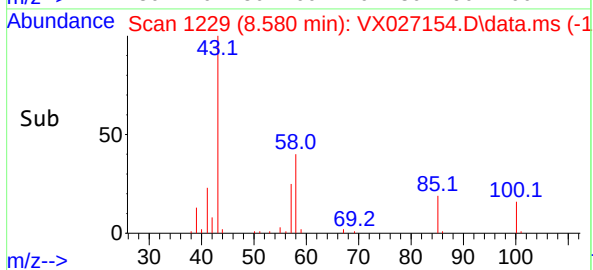
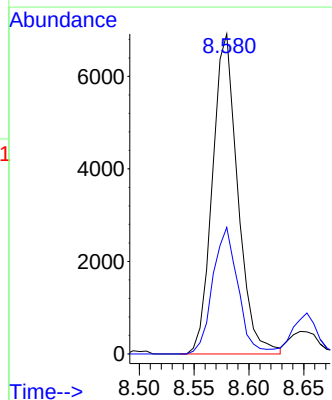
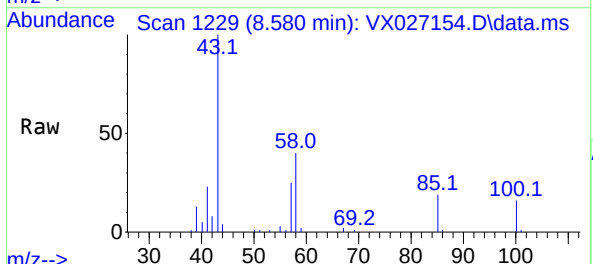
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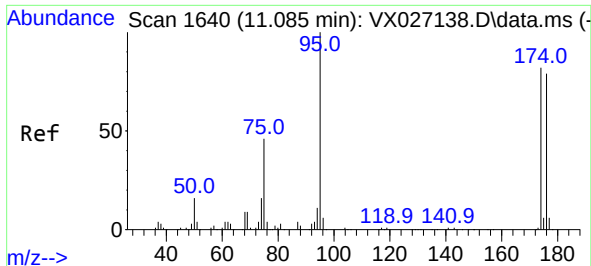
Tgt Ion: 98 Resp: 172478
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 7.471 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX027154.D
Acq: 23 Feb 2022 18:33

Tgt Ion: 43 Resp: 11127
Ion Ratio Lower Upper
43 100
58 39.2 30.5 45.7

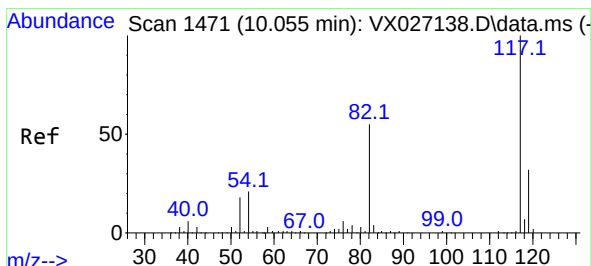
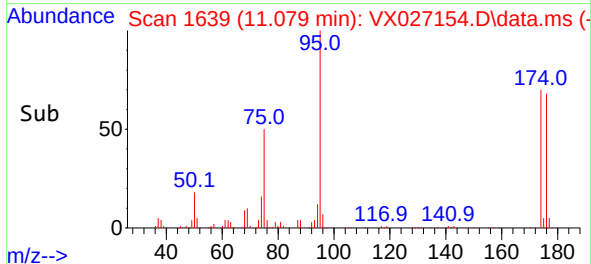
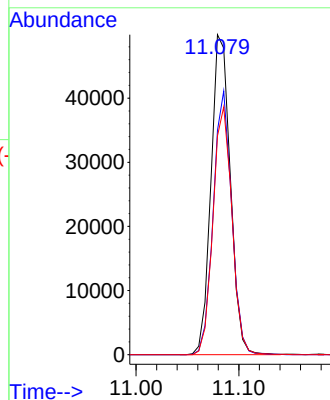
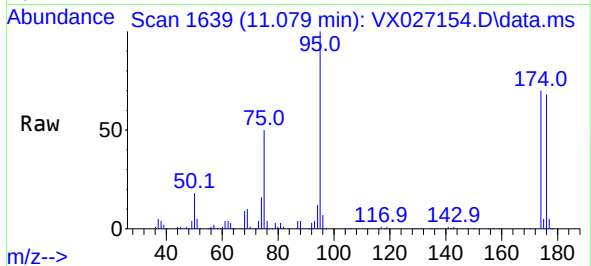




#62
4-Bromofluorobenzene
Concen: 48.729 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX027154.D
Acq: 23 Feb 2022 18:33

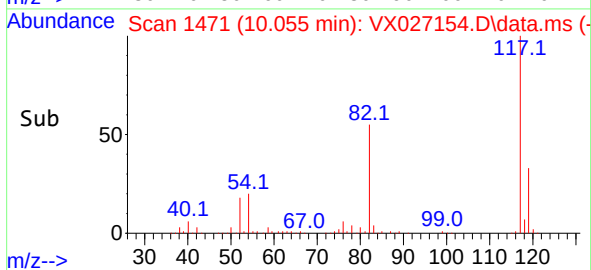
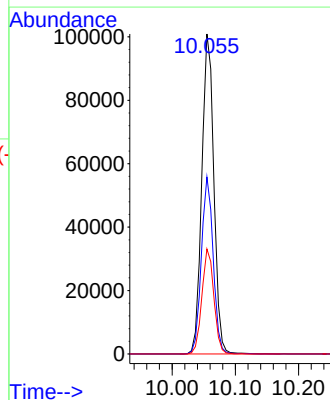
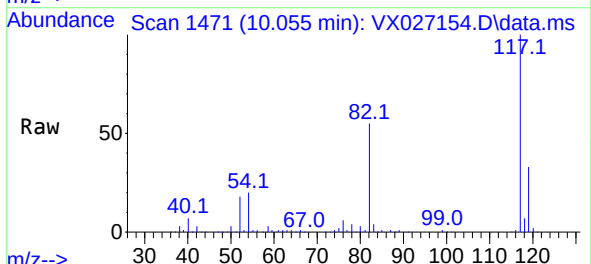
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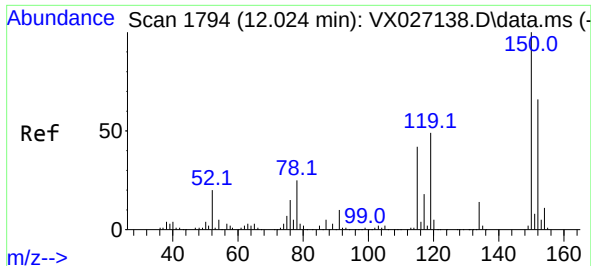
Tgt Ion: 95 Resp: 65013
Ion Ratio Lower Upper
95 100
174 78.5 0.0 148.6
176 76.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027154.D
Acq: 23 Feb 2022 18:33

Tgt Ion: 117 Resp: 134053
Ion Ratio Lower Upper
117 100
82 55.3 45.2 67.8
119 32.8 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027154.D

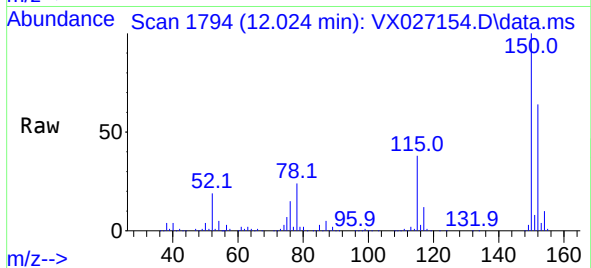
Acq: 23 Feb 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :

OF-3



Tgt Ion:152 Resp: 64423

Ion Ratio Lower Upper

152 100

115 59.2 44.2 132.6

150 154.7 0.0 348.2

