

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024235.D
 Acq On : 15 Sep 2021 02:54
 Operator : JC/MD
 Sample : M3724-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31190

Quant Time: Sep 15 07:31:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

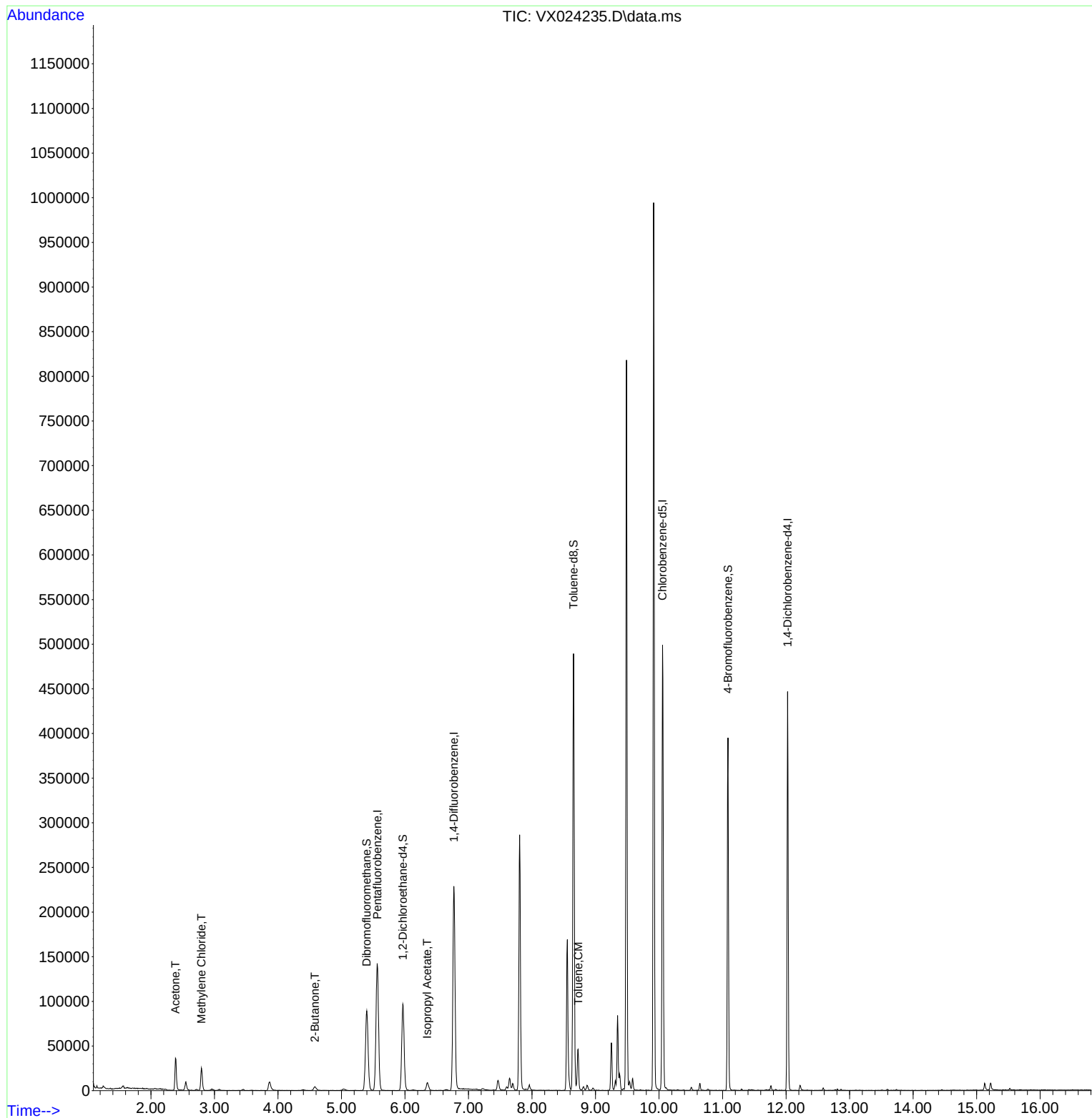
Internal Standards						
1) Pentafluorobenzene	5.562	168	131670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	226208	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99408	52.945	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.880%		
35) Dibromofluoromethane	5.397	113	76755	50.595	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.180%		
50) Toluene-d8	8.653	98	286753	51.887	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.780%		
62) 4-Bromofluorobenzene	11.085	95	102230	47.532	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.060%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	38289	47.826	ug/l	90
20) Methylene Chloride	2.794	84	10683	6.949	ug/l	84
25) 2-Butanone	4.580	43	6504	5.516	ug/l	98
43) Isopropyl Acetate	6.348	43	11626	3.014	ug/l	93
52) Toluene	8.726	92	16171	4.136	ug/l	96

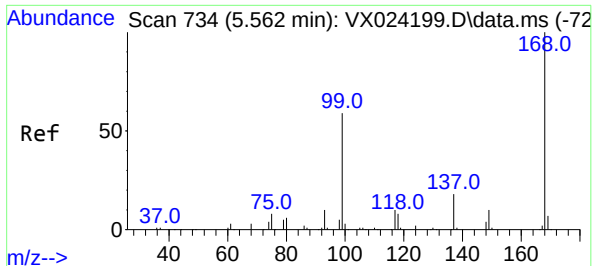
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
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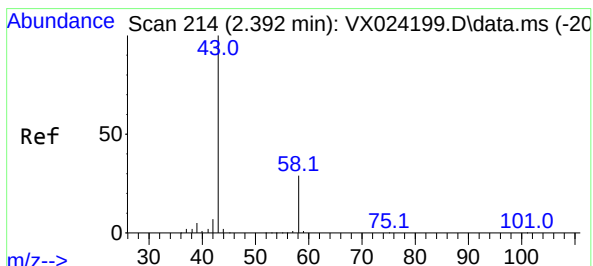
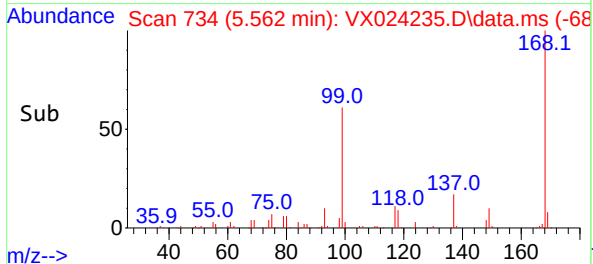
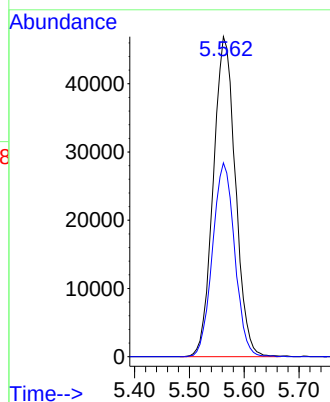
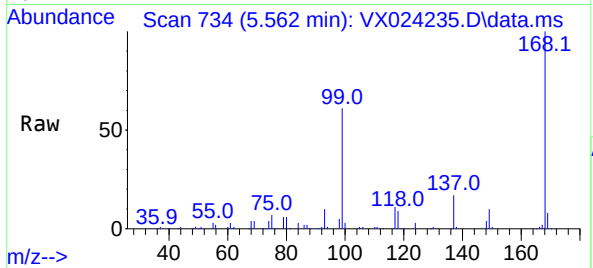




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024235.D
Acq: 15 Sep 2021 02:54

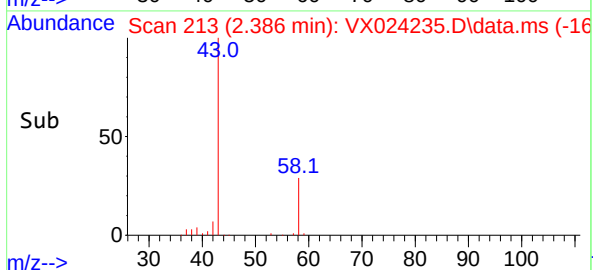
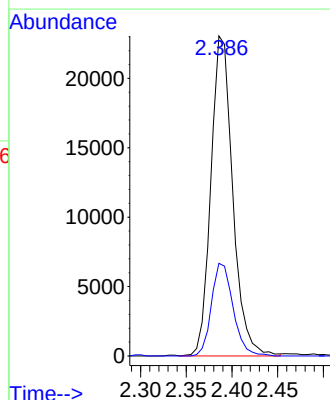
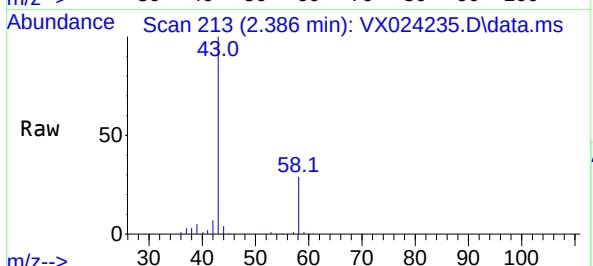
Instrument :
MSVOA_X
ClientSampleId :
31190

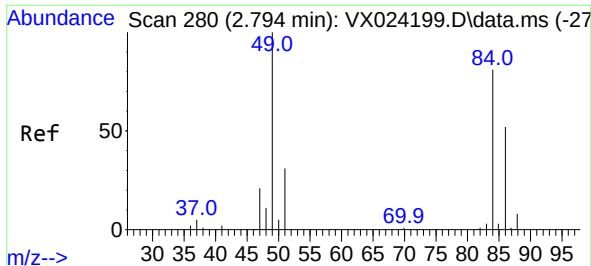
Tgt Ion:168 Resp: 131670
Ion Ratio Lower Upper
168 100
99 60.5 45.8 68.6



#16
Acetone
Concen: 47.826 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024235.D
Acq: 15 Sep 2021 02:54

Tgt Ion: 43 Resp: 38289
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8





#20

Methylene Chloride

Concen: 6.949 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024235.D

Acq: 15 Sep 2021 02:54

Instrument :

MSVOA_X

ClientSampleId :

31190

Tgt Ion: 84 Resp: 10683

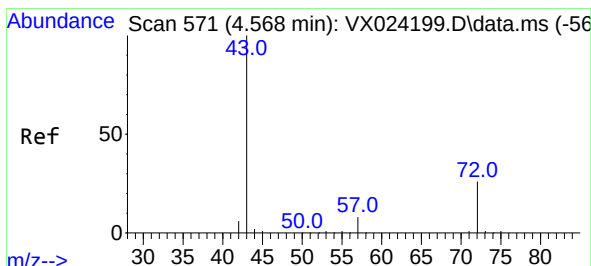
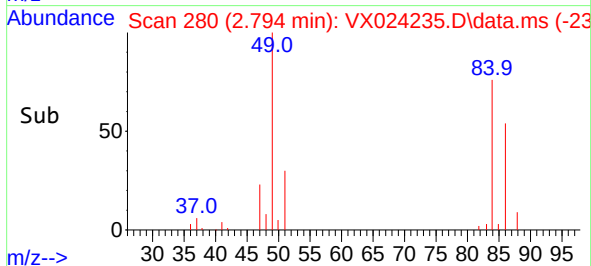
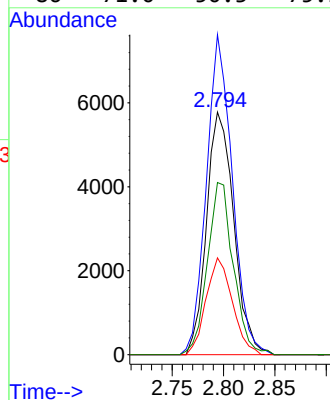
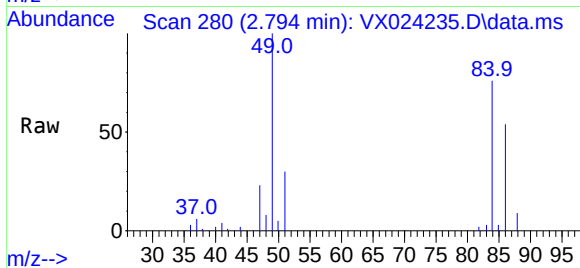
Ion Ratio Lower Upper

84 100

49 132.0 88.6 132.8

51 39.9 27.0 40.6

86 71.0 50.3 75.5



#25

2-Butanone

Concen: 5.516 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX024235.D

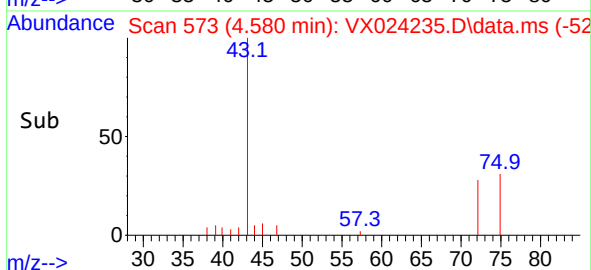
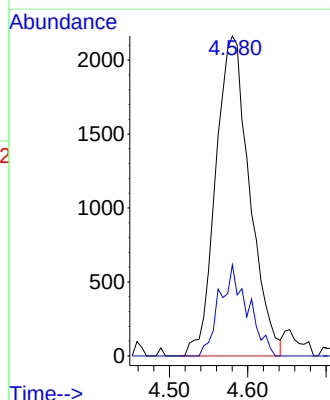
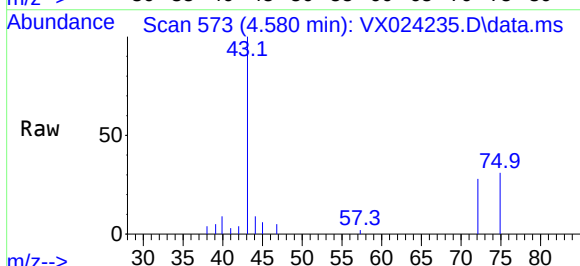
Acq: 15 Sep 2021 02:54

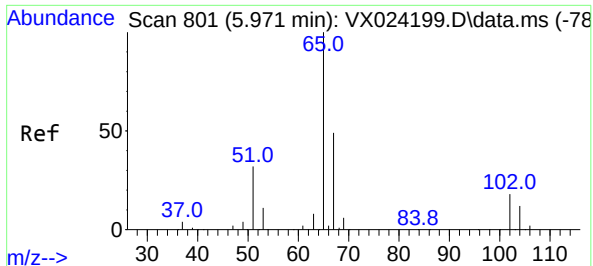
Tgt Ion: 43 Resp: 6504

Ion Ratio Lower Upper

43 100

72 28.4 23.7 35.5



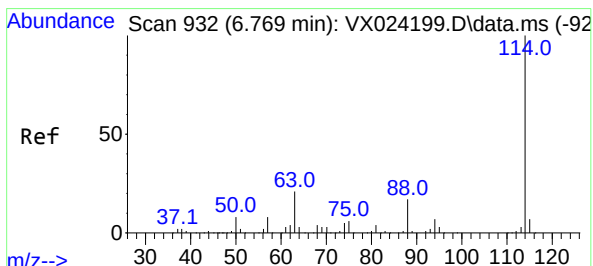
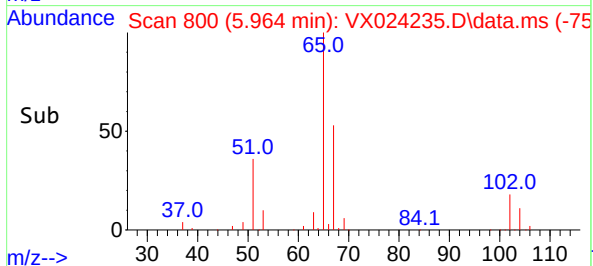
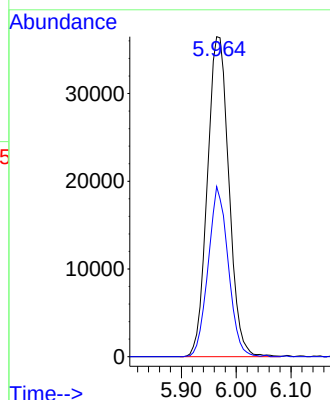
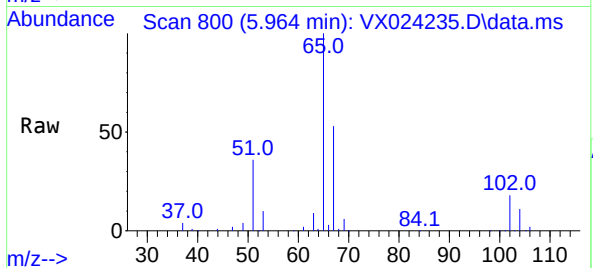


#33

1,2-Dichloroethane-d4
Concen: 52.945 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024235.D
Acq: 15 Sep 2021 02:54

Instrument :
MSVOA_X
ClientSampleId :
31190

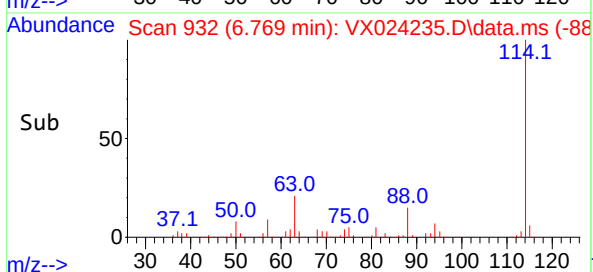
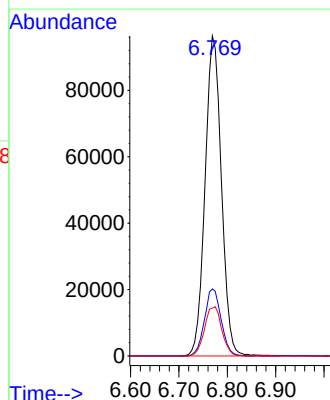
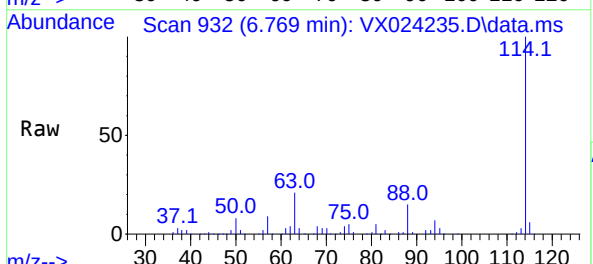
Tgt Ion: 65 Resp: 99408
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.4

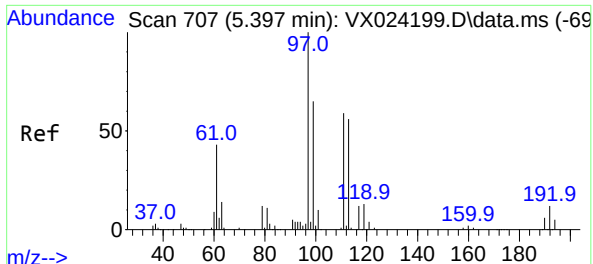


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024235.D
Acq: 15 Sep 2021 02:54

Tgt Ion: 114 Resp: 226208
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 15.0 0.0 32.8

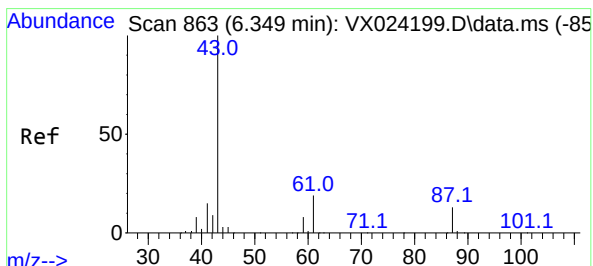
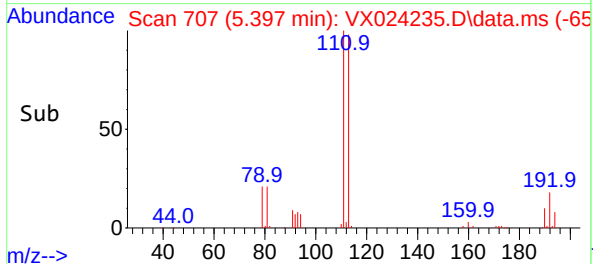
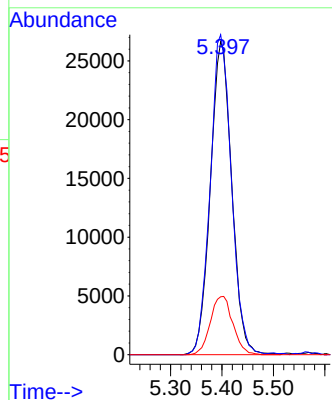
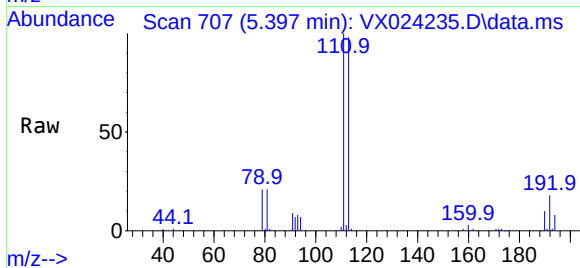




#35
Dibromofluoromethane
Concen: 50.595 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024235.D
Acq: 15 Sep 2021 02:54

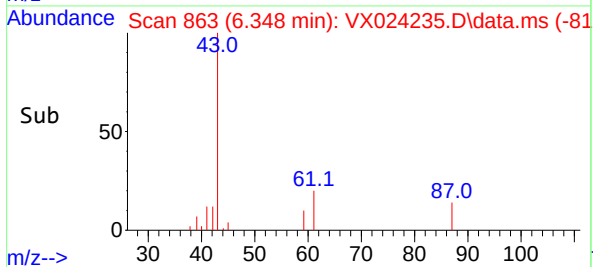
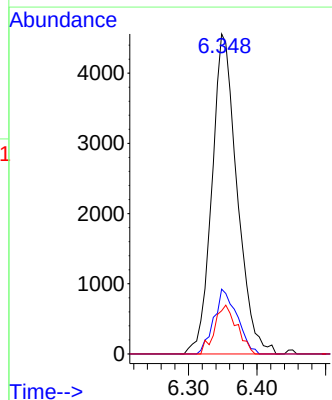
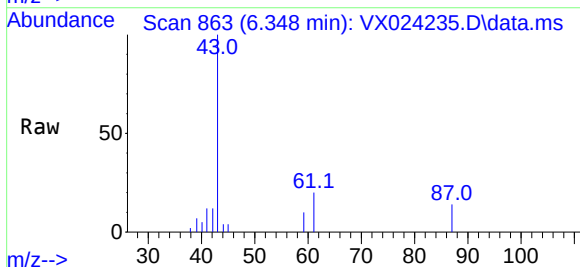
Instrument :
MSVOA_X
ClientSampleId :
31190

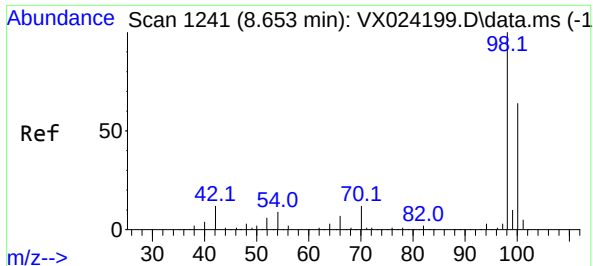
Tgt Ion:	113	Resp:	76755
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	19.6	16.7	25.1



#43
Isopropyl Acetate
Concen: 3.014 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX024235.D
Acq: 15 Sep 2021 02:54

Tgt Ion:	43	Resp:	11626
Ion	Ratio	Lower	Upper
43	100		
61	18.6	18.2	27.4
87	13.5	12.5	18.7





#50

Toluene-d8

Concen: 51.887 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024235.D

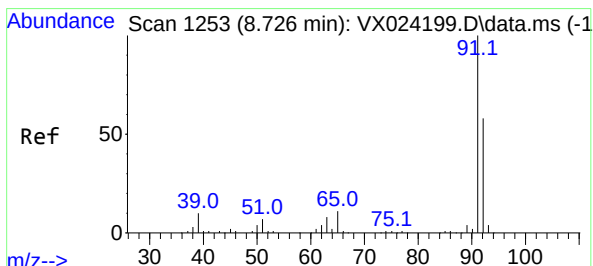
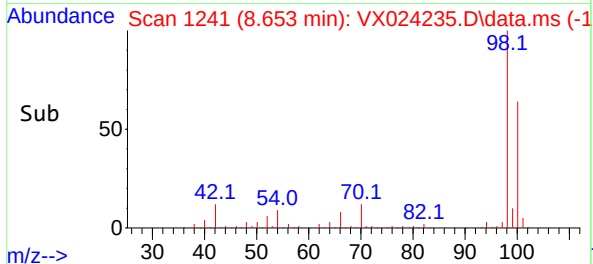
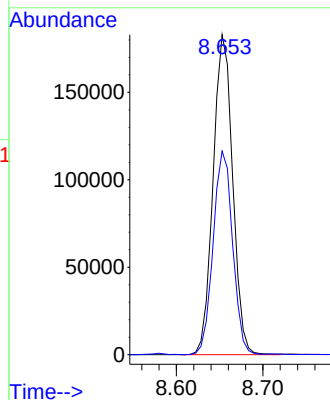
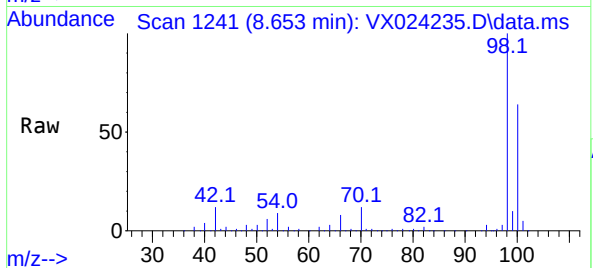
Acq: 15 Sep 2021 02:54

Tgt Ion: 98 Resp: 286753

Ion Ratio Lower Upper

98 100

100 63.4 51.9 77.9



#52

Toluene

Concen: 4.136 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. -0.000 min

Lab File: VX024235.D

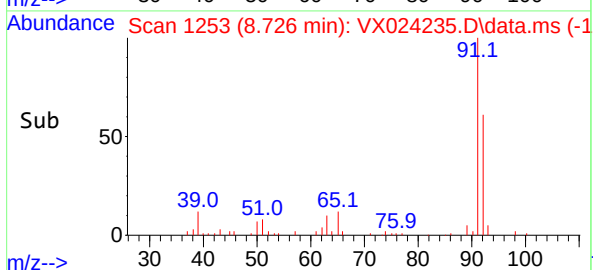
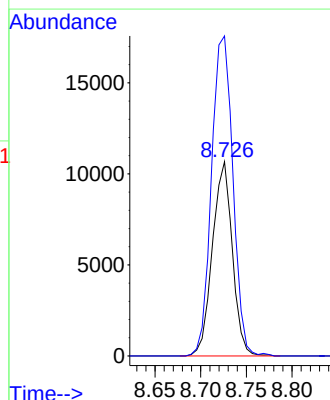
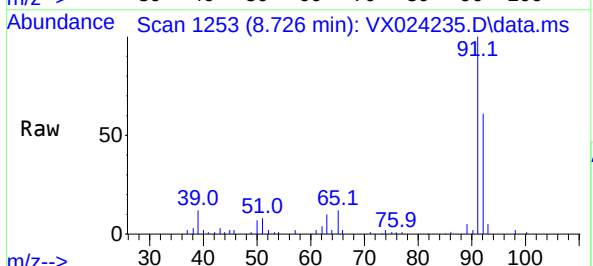
Acq: 15 Sep 2021 02:54

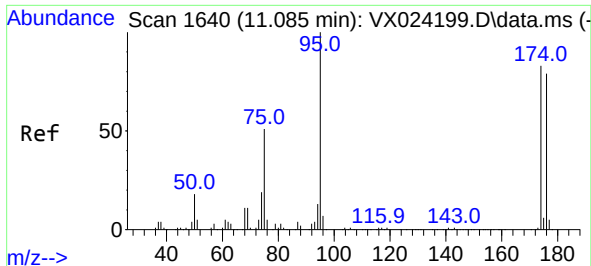
Tgt Ion: 92 Resp: 16171

Ion Ratio Lower Upper

92 100

91 176.9 137.1 205.7

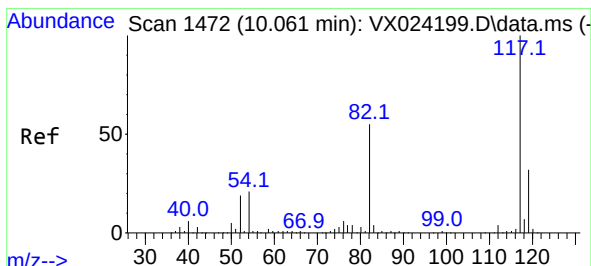
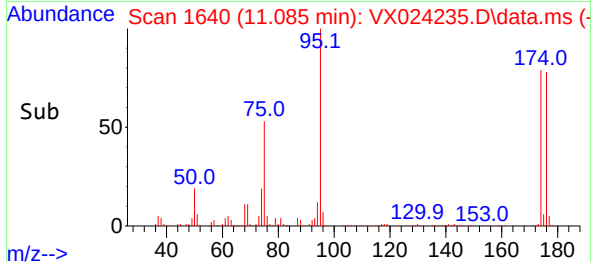
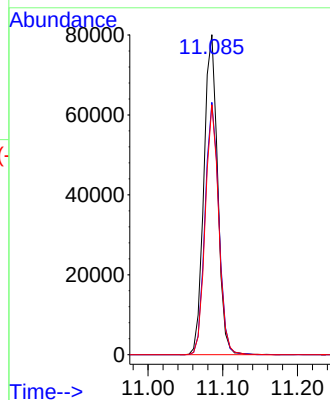
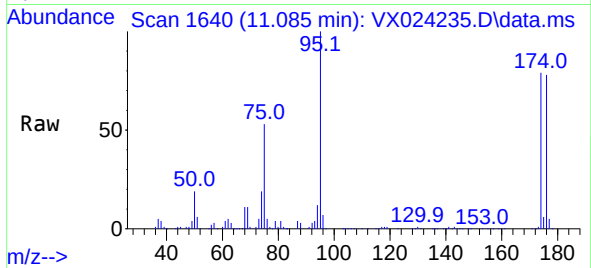




#62
4-Bromofluorobenzene
Concen: 47.532 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024235.D
Acq: 15 Sep 2021 02:54

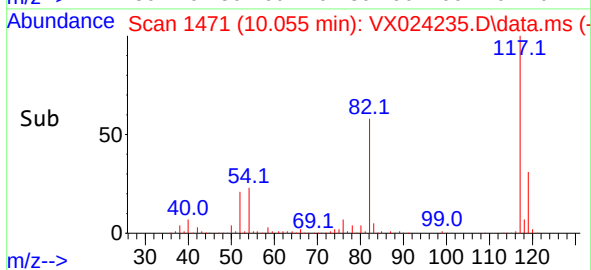
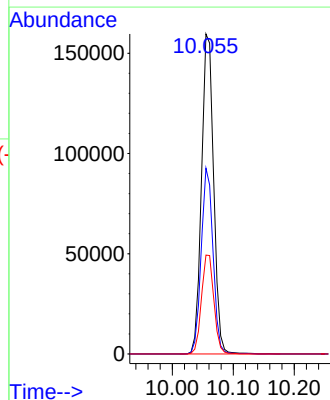
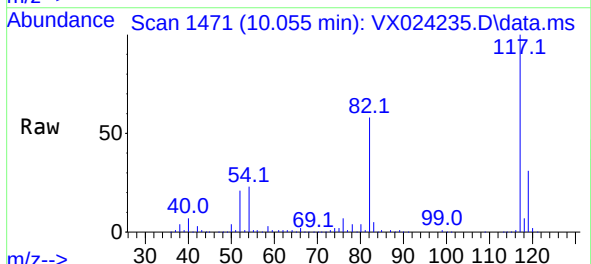
Instrument :
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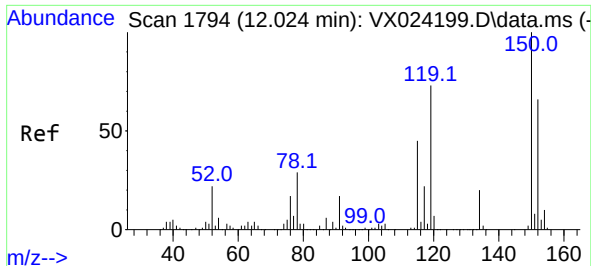
Tgt Ion: 95 Resp: 102230
Ion Ratio Lower Upper
95 100
174 78.7 0.0 154.6
176 76.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024235.D
Acq: 15 Sep 2021 02:54

Tgt Ion: 117 Resp: 221443
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 30.9 26.6 39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024235.D
Acq: 15 Sep 2021 02:54

Instrument :
MSVOA_X
ClientSampled :
31190

Tgt Ion:152 Resp: 88661
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 157.9 0.0 349.0

