

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024375.D
 Acq On : 21 Sep 2021 02:17
 Operator : JC/MD
 Sample : M3782-16DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20210915DL

Quant Time: Sep 21 08:46:01 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)

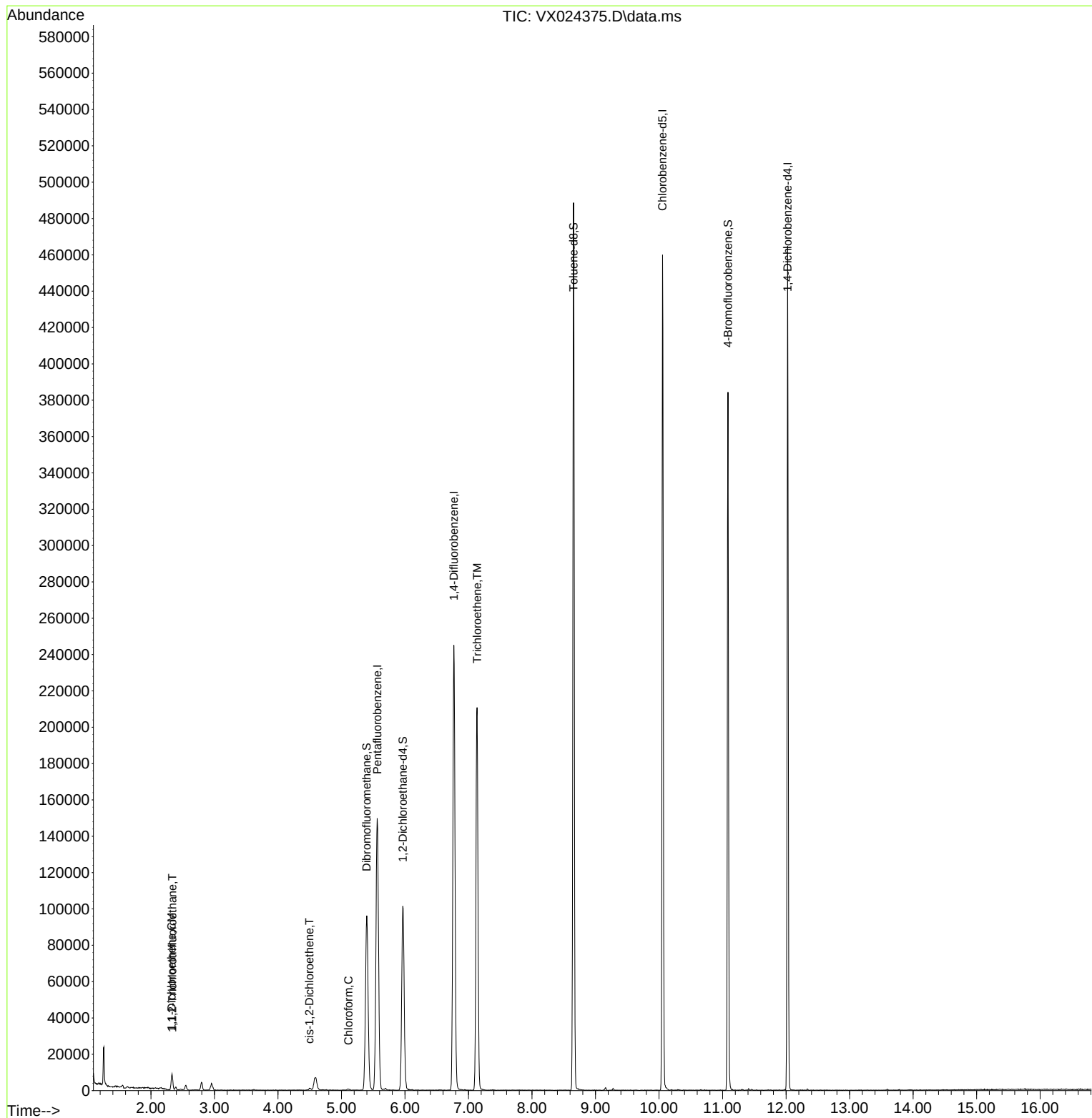
Internal Standards						
1) Pentafluorobenzene	5.562	168	139165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104325	52.571	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.140%		
35) Dibromofluoromethane	5.397	113	84091	50.911	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.820%		
50) Toluene-d8	8.653	98	276911	46.020	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 92.040%		
62) 4-Bromofluorobenzene	11.085	95	96009	41.000	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 82.000%#		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	2299	1.678	ug/l	95
12) 1,1-Dichloroethene	2.325	96	1285	1.001	ug/l #	74
27) cis-1,2-Dichloroethene	4.495	96	799	0.493	ug/l	90
30) Chloroform	5.111	83	911	0.319	ug/l	84
44) Trichloroethene	7.135	130	83254	45.624	ug/l	98

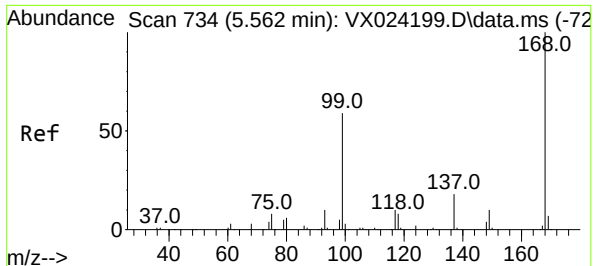
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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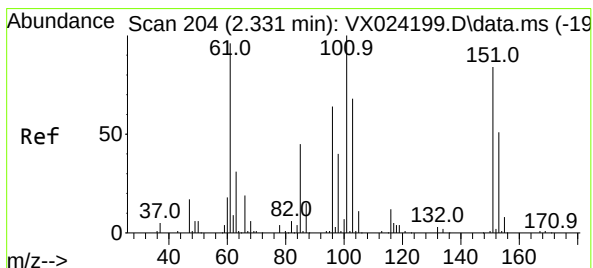
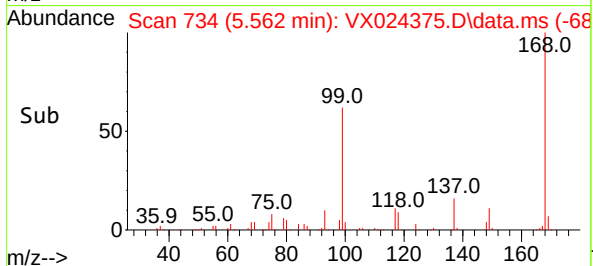
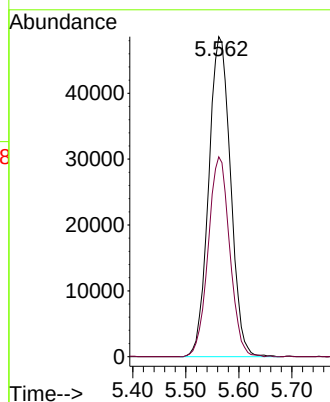
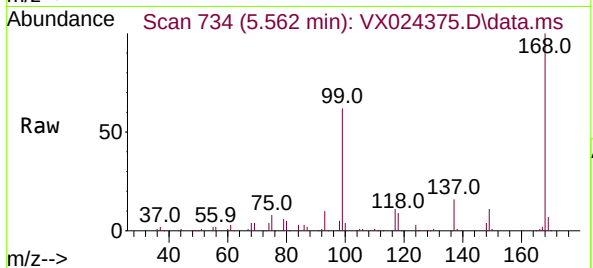




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

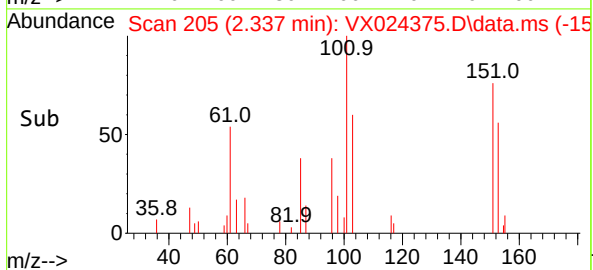
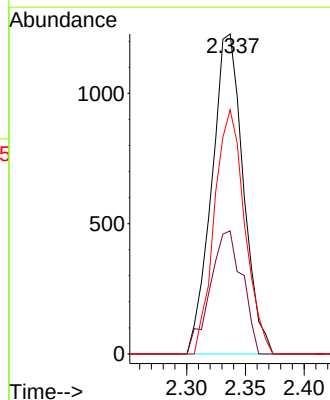
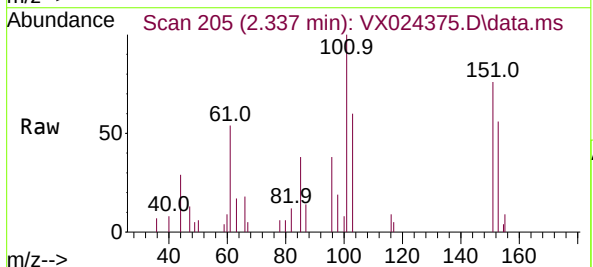
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL

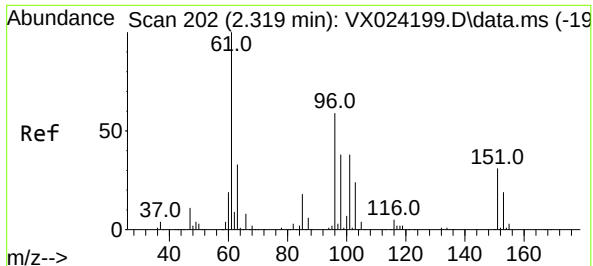
Tgt Ion:168 Resp: 139165
Ion Ratio Lower Upper
168 100
99 62.5 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.678 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Tgt Ion:101 Resp: 2299
Ion Ratio Lower Upper
101 100
85 38.9 34.9 52.3
151 73.1 61.4 92.2





#12

1,1-Dichloroethene

Concen: 1.001 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX024375.D

Acq: 21 Sep 2021 02:17

Tgt Ion: 96 Resp: 1285

Ion Ratio Lower Upper

96 100

61 197.2 124.6 187.0#

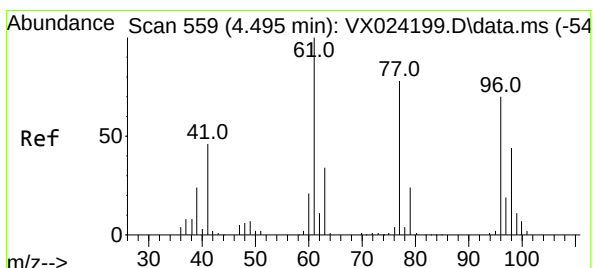
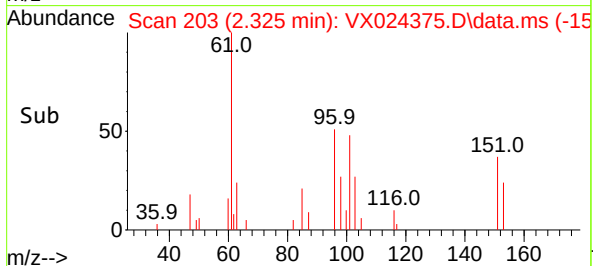
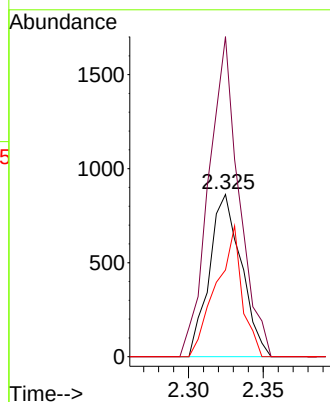
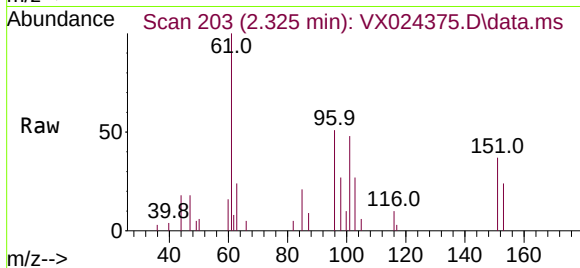
98 53.4 50.6 76.0

Instrument :

MSVOA_X

ClientSampleId :

RE139D1-20210915DL



#27

cis-1,2-Dichloroethene

Concen: 0.493 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX024375.D

Acq: 21 Sep 2021 02:17

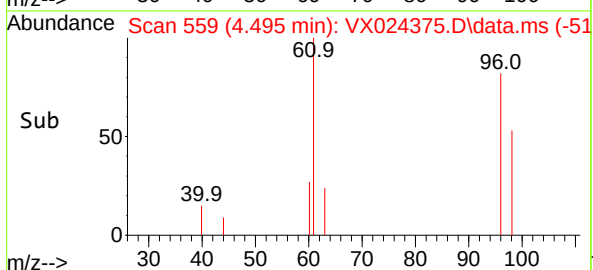
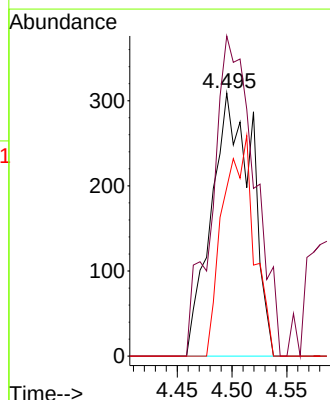
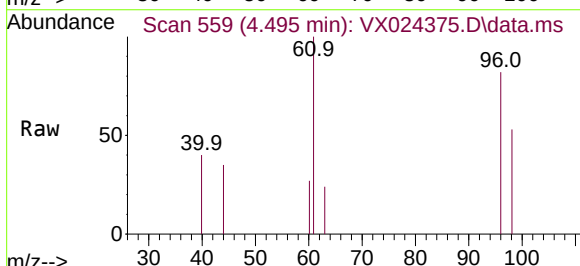
Tgt Ion: 96 Resp: 799

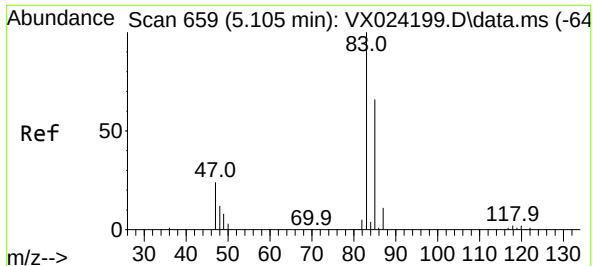
Ion Ratio Lower Upper

96 100

61 126.0 0.0 285.6

98 64.1 0.0 129.6





#30

Chloroform

Concen: 0.319 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX024375.D

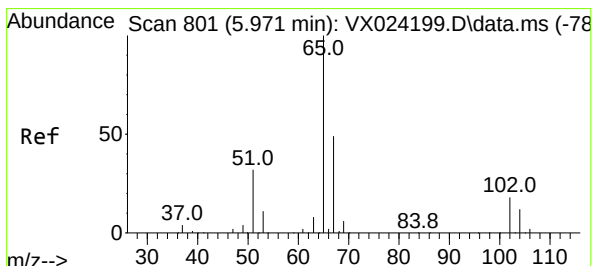
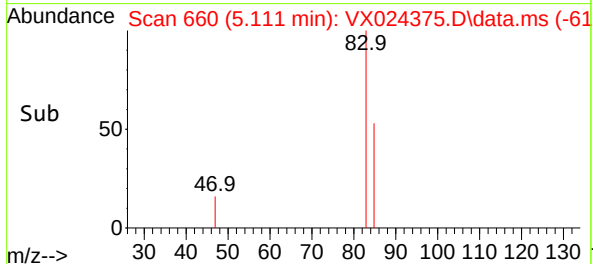
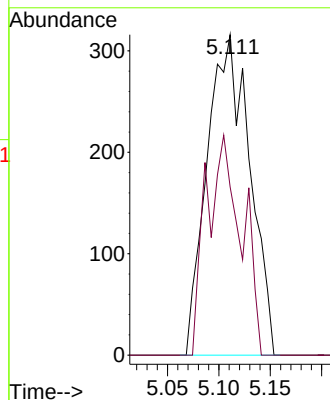
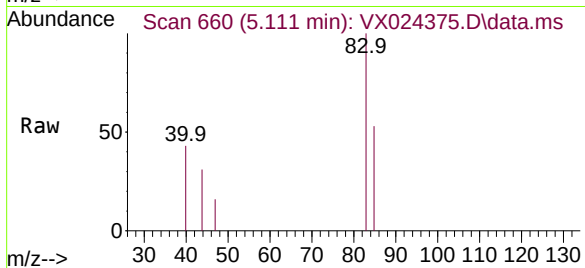
Acq: 21 Sep 2021 02:17

Tgt Ion: 83 Resp: 911

Ion Ratio Lower Upper

83 100

85 52.5 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 52.571 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024375.D

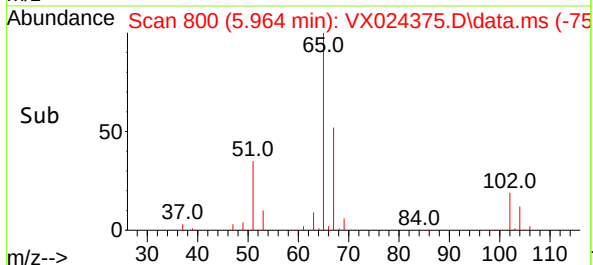
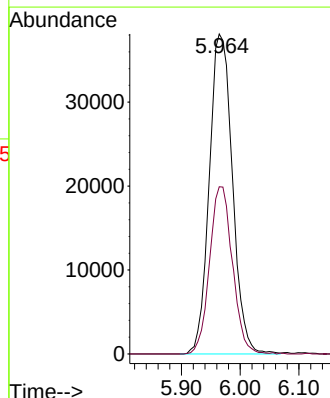
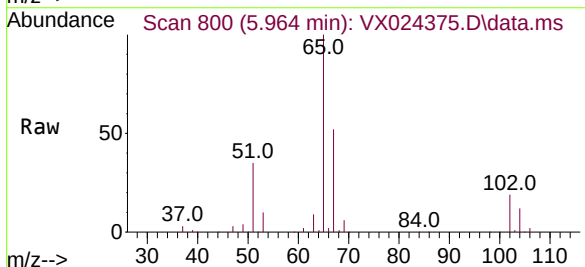
Acq: 21 Sep 2021 02:17

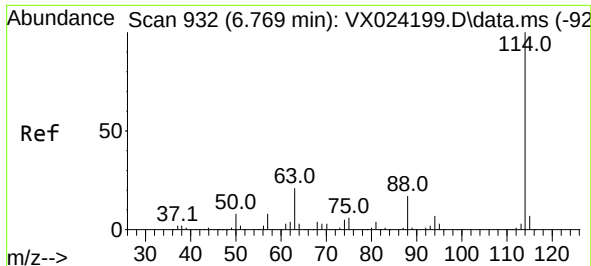
Tgt Ion: 65 Resp: 104325

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.4

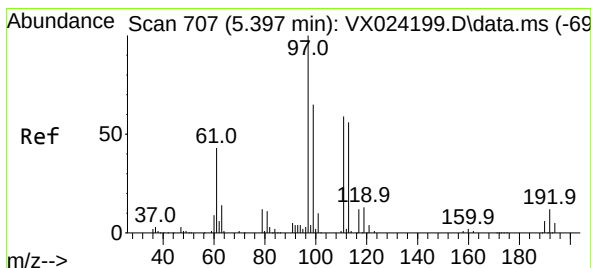
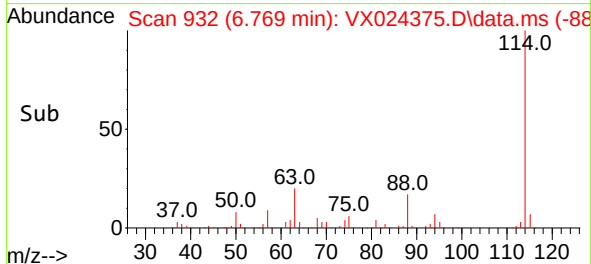
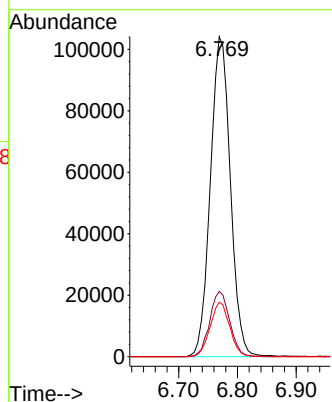
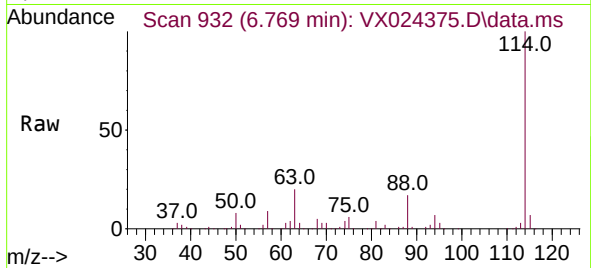




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

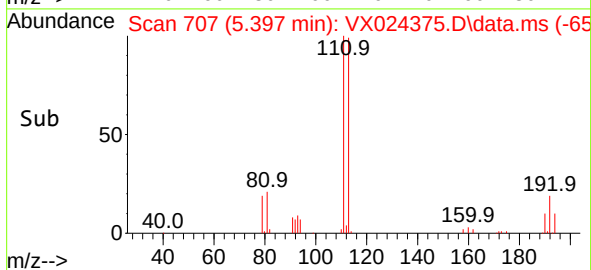
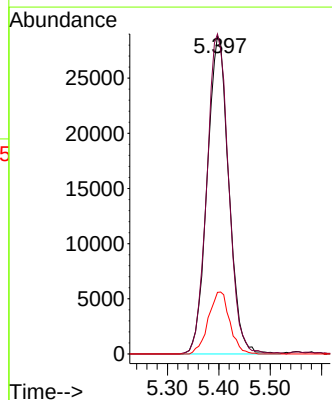
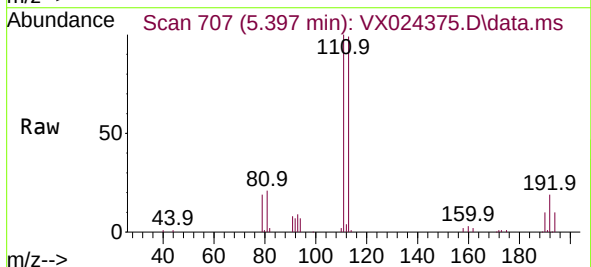
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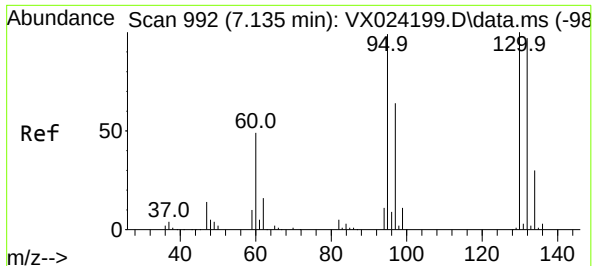
Tgt Ion:114 Resp: 246290
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.911 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Tgt Ion:113 Resp: 84091
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 19.2 16.7 25.1

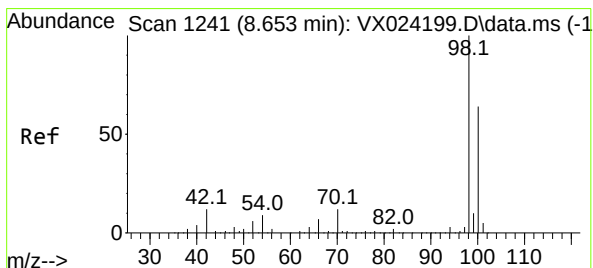
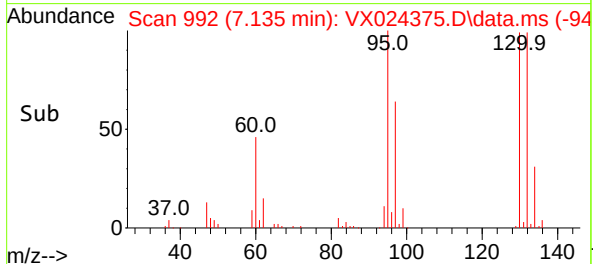
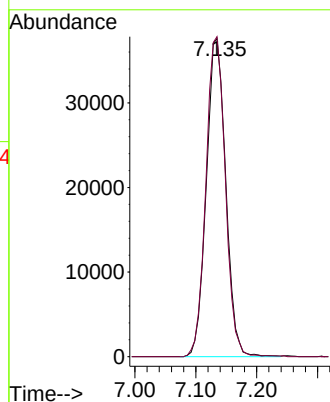
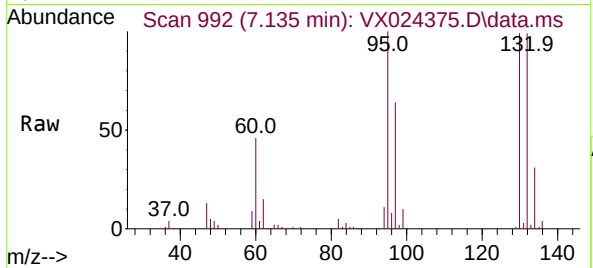




#44
Trichloroethene
Concen: 45.624 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

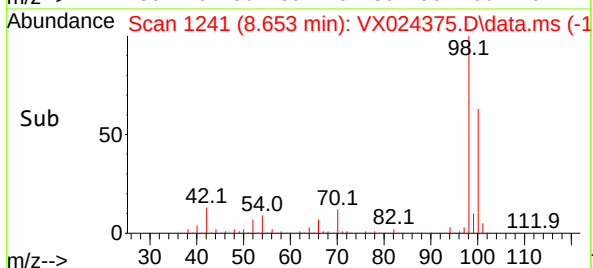
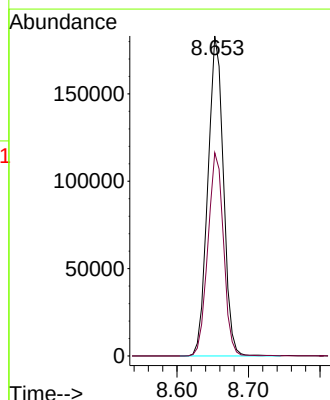
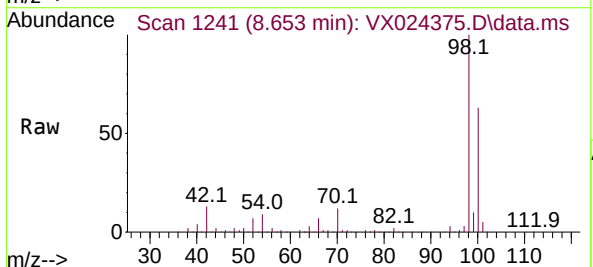
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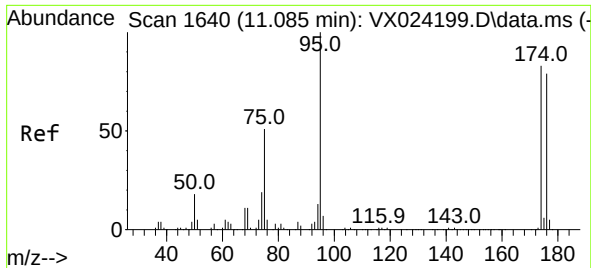
Tgt Ion:130 Resp: 83254
Ion Ratio Lower Upper
130 100
95 100.6 0.0 198.0



#50
Toluene-d8
Concen: 46.020 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Tgt Ion: 98 Resp: 276911
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

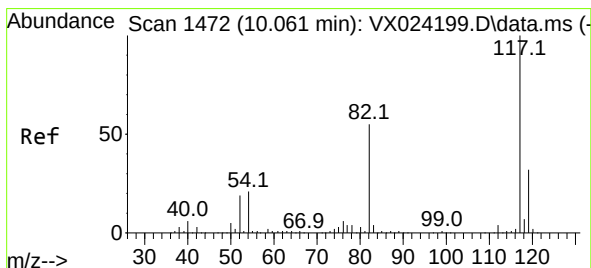
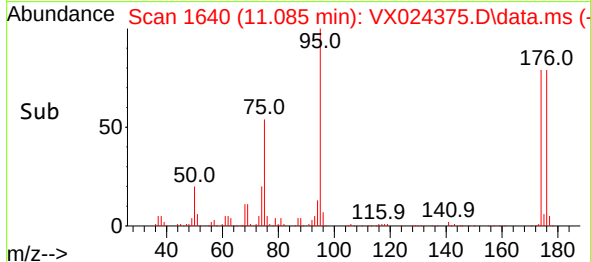
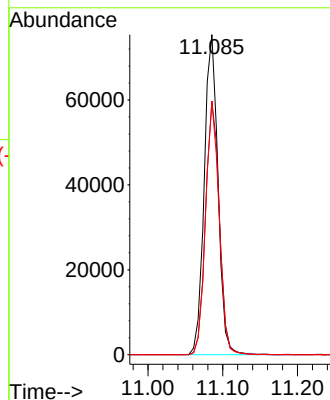
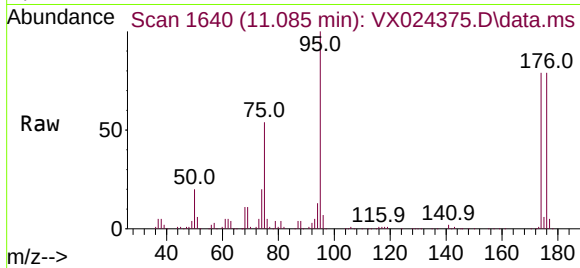




#62
4-Bromofluorobenzene
Concen: 41.000 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

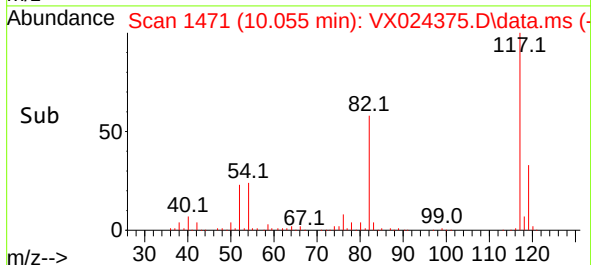
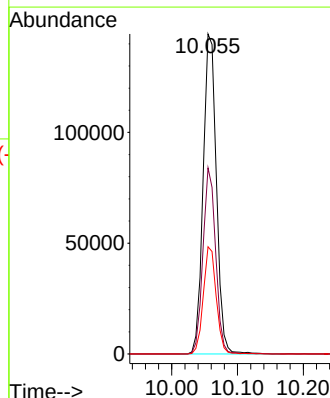
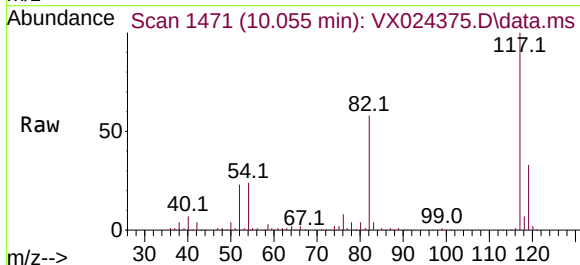
Instrument :
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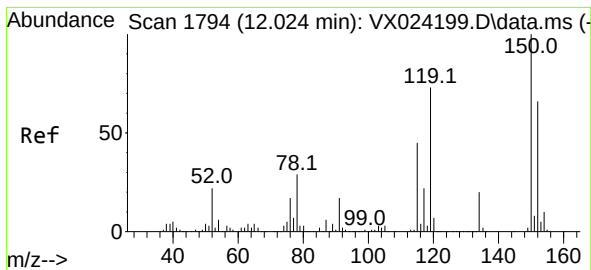
Tgt Ion: 95 Resp: 96009
Ion Ratio Lower Upper
95 100
174 80.0 0.0 154.6
176 78.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Tgt Ion: 117 Resp: 202185
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 33.5 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: VX024375.D
 Acq: 21 Sep 2021 02:17

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20210915DL

Tgt Ion:152 Resp: 89673
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.1 123.3
 150 159.5 0.0 349.0

