

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024418.D
 Acq On : 22 Sep 2021 04:59
 Operator : JC/MD
 Sample : M3833-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20210920

Quant Time: Sep 22 06:57:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

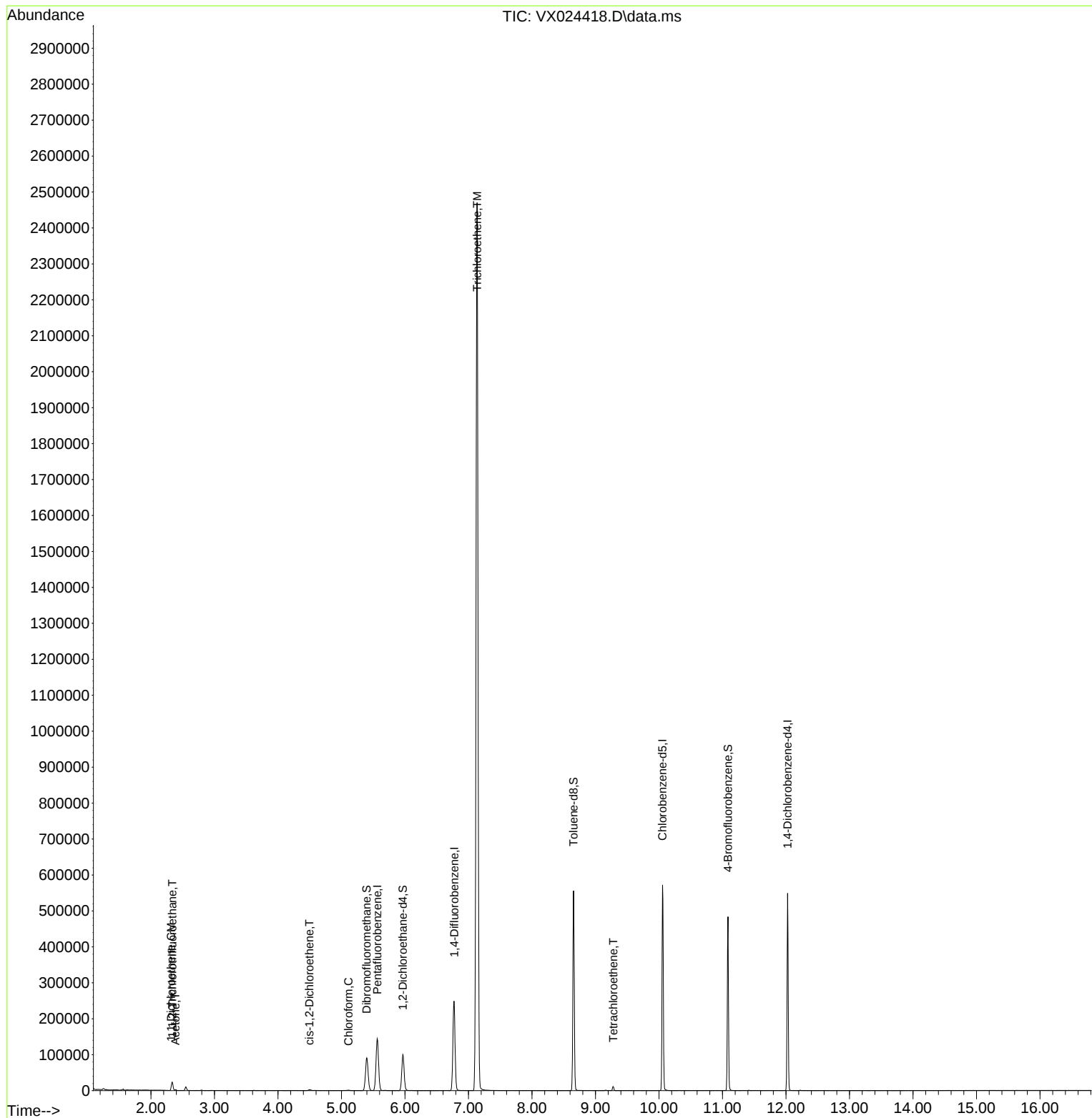
Internal Standards						
1) Pentafluorobenzene	5.562	168	132831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	248003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99701	52.637	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.280%	
35) Dibromofluoromethane	5.397	113	77155	46.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.780%	
50) Toluene-d8	8.653	98	311462	51.405	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.800%	
62) 4-Bromofluorobenzene	11.085	95	122802	52.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.160%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	8997	6.880	ug/l	97
12) 1,1-Dichloroethene	2.319	96	764	0.624	ug/l	100
16) Acetone	2.386	43	2644	3.274	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	1690	1.091	ug/l	94
30) Chloroform	5.111	83	1558	0.571	ug/l	96
44) Trichloroethene	7.135	130	945447	514.540	ug/l	100
64) Tetrachloroethene	9.281	164	2156	1.071	ug/l #	85

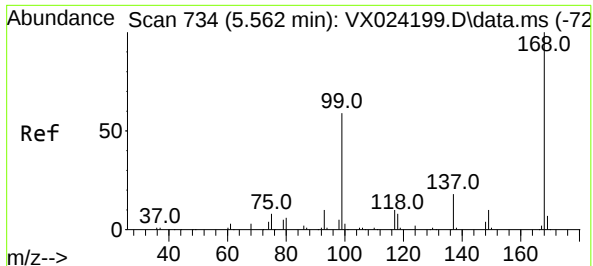
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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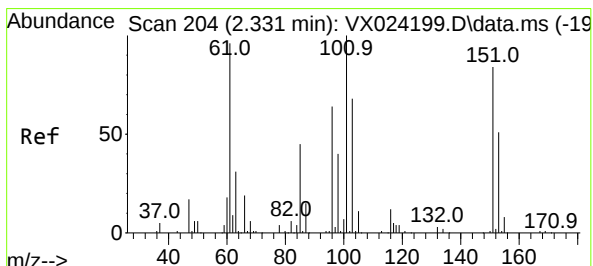
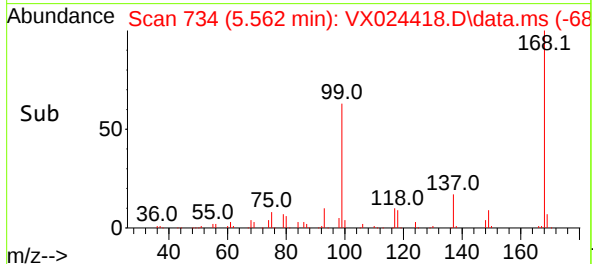
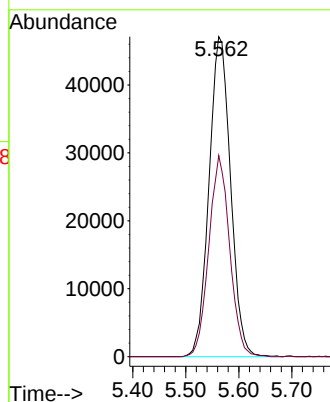
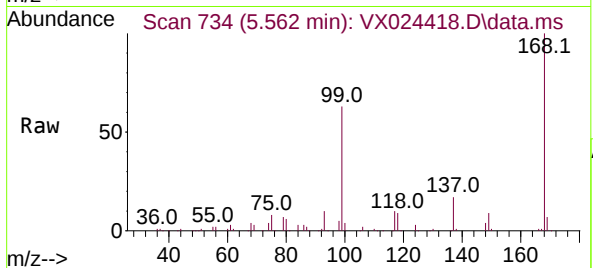




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024418.D
Acq: 22 Sep 2021 04:59

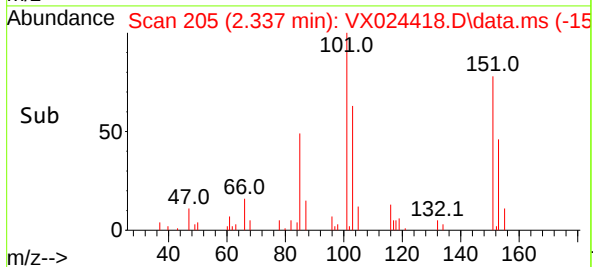
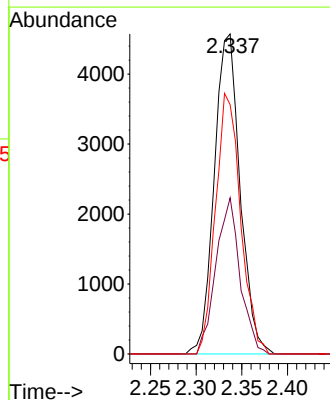
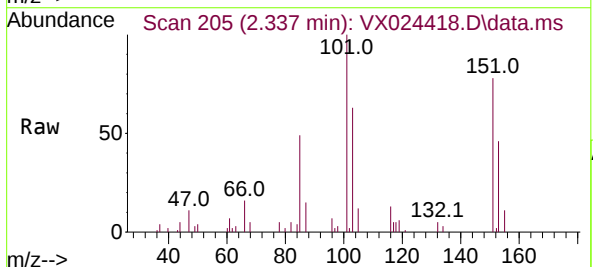
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210920

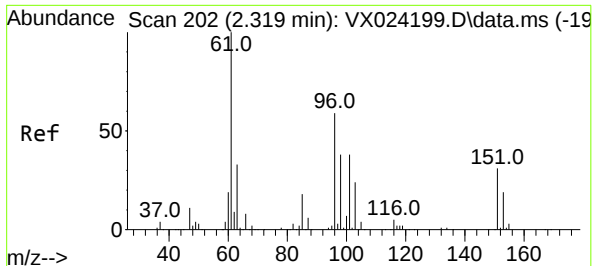
Tgt Ion:168 Resp: 132831
Ion Ratio Lower Upper
168 100
99 62.8 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.880 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024418.D
Acq: 22 Sep 2021 04:59

Tgt Ion:101 Resp: 8997
Ion Ratio Lower Upper
101 100
85 45.6 34.9 52.3
151 78.9 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.624 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX024418.D

Acq: 22 Sep 2021 04:59

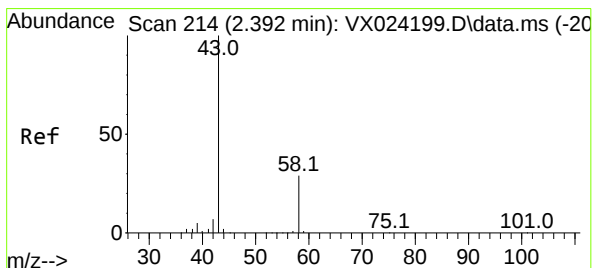
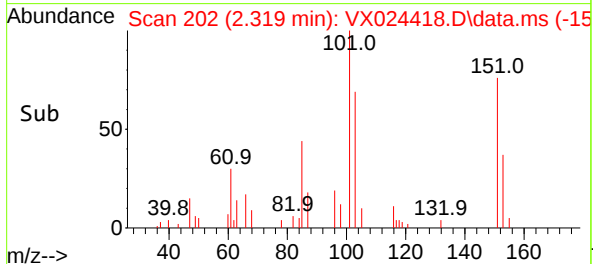
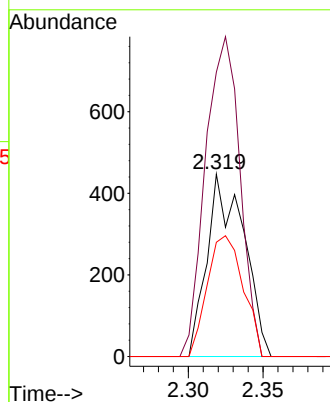
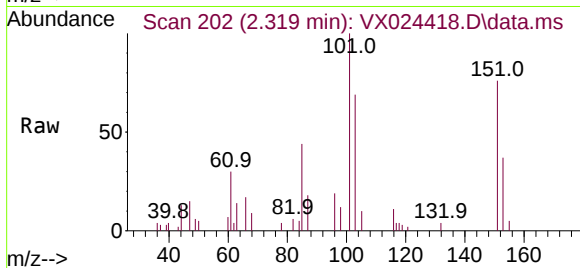
Tgt Ion: 96 Resp: 764

Ion Ratio Lower Upper

96 100

61 155.9 124.6 187.0

98 62.6 50.6 76.0



#16

Acetone

Concen: 3.274 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX024418.D

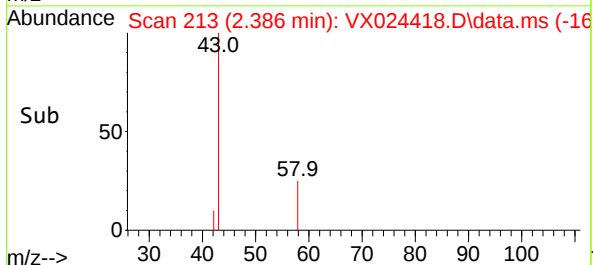
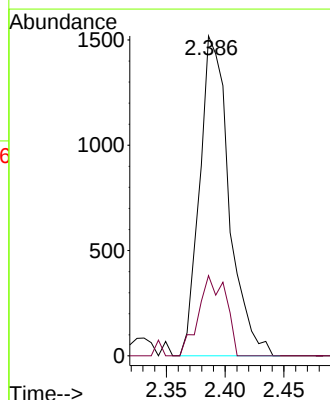
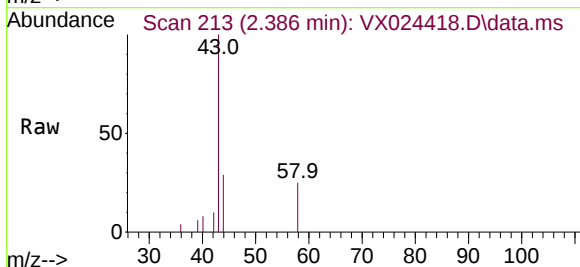
Acq: 22 Sep 2021 04:59

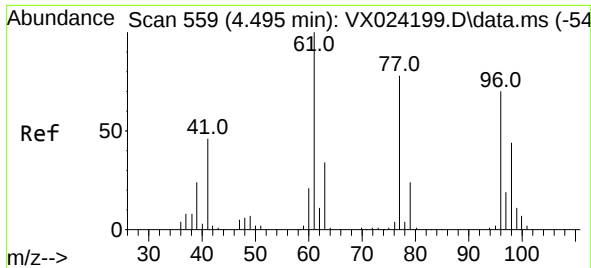
Tgt Ion: 43 Resp: 2644

Ion Ratio Lower Upper

43 100

58 25.1 27.8 41.8#





#27

cis-1,2-Dichloroethene

Concen: 1.091 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX024418.D

Acq: 22 Sep 2021 04:59

Tgt Ion: 96 Resp: 1690

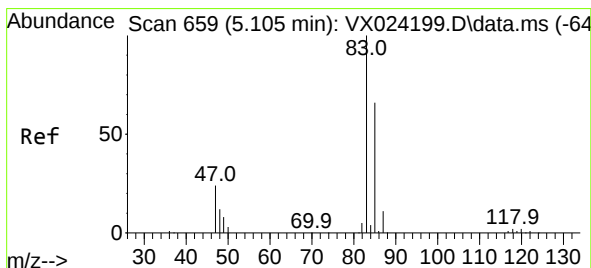
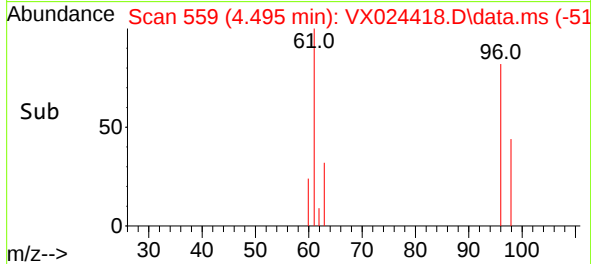
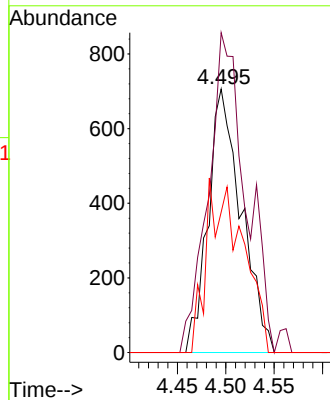
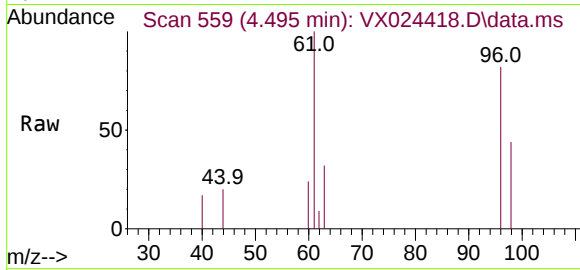
Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	285.6
98	71.8	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

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#30

Chloroform

Concen: 0.571 ug/l

RT: 5.111 min Scan# 660

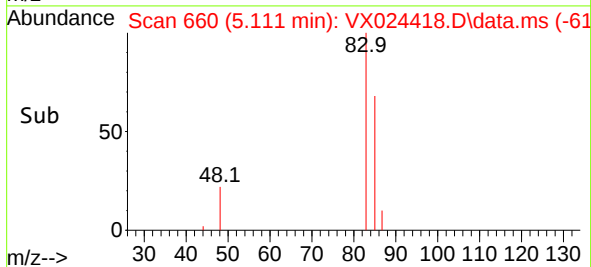
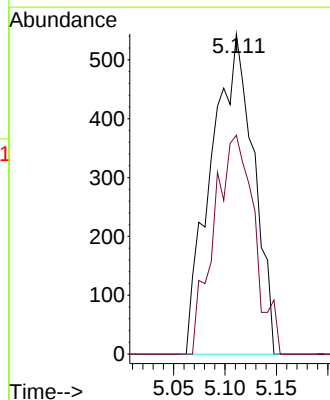
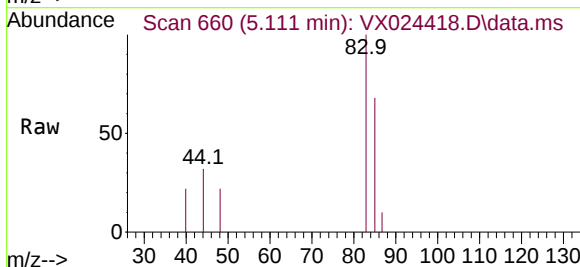
Delta R.T. 0.006 min

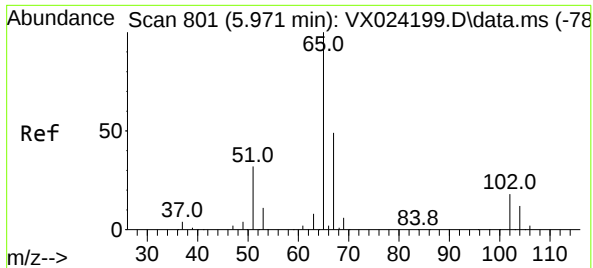
Lab File: VX024418.D

Acq: 22 Sep 2021 04:59

Tgt Ion: 83 Resp: 1558

Ion	Ratio	Lower	Upper
83	100		
85	68.4	52.0	78.0

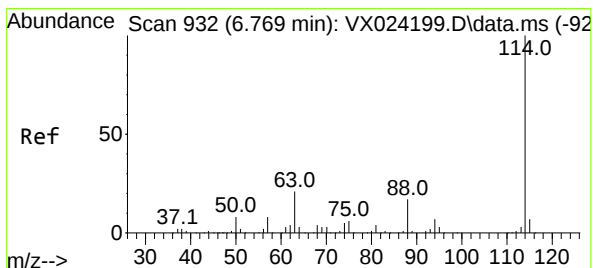
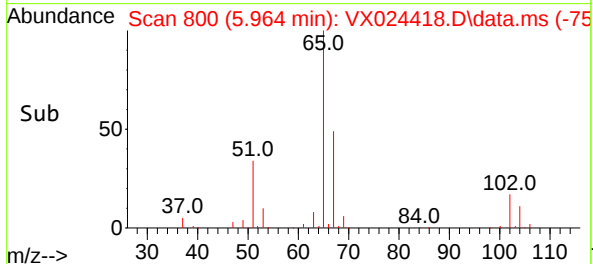
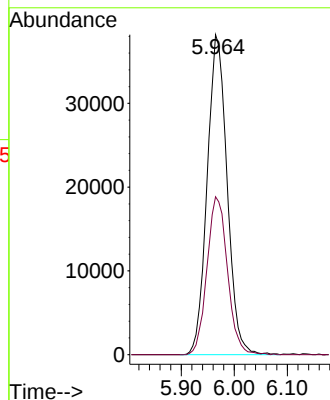
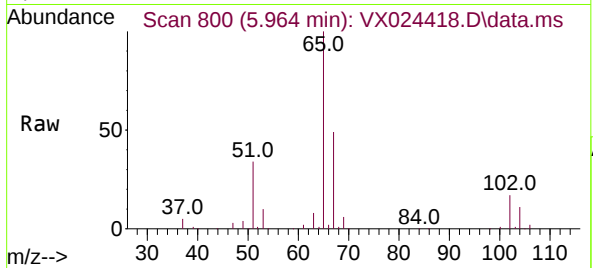




#33
 1,2-Dichloroethane-d4
 Concen: 52.637 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.007 min
 Lab File: VX024418.D
 Acq: 22 Sep 2021 04:59

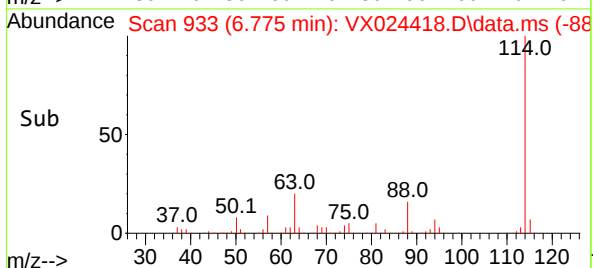
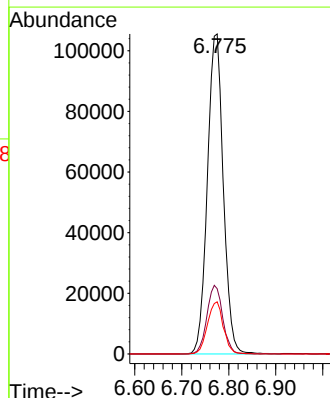
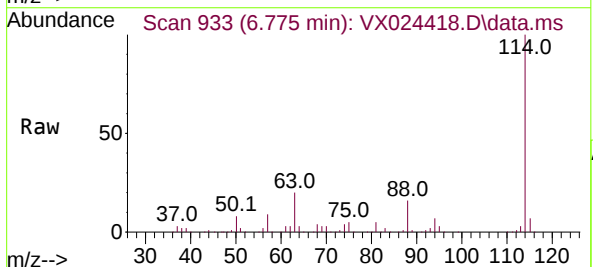
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20210920

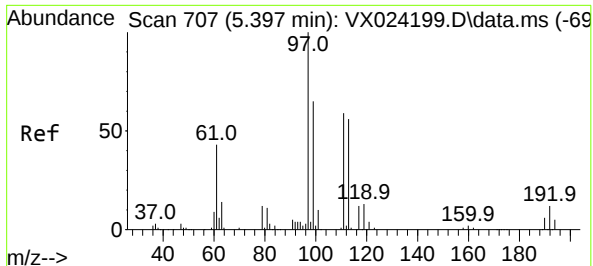
Tgt Ion: 65 Resp: 99701
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.006 min
 Lab File: VX024418.D
 Acq: 22 Sep 2021 04:59

Tgt Ion: 114 Resp: 248003
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.3 0.0 32.8

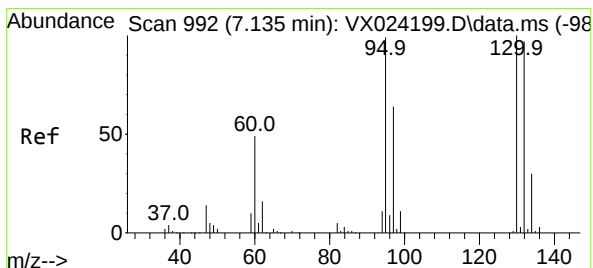
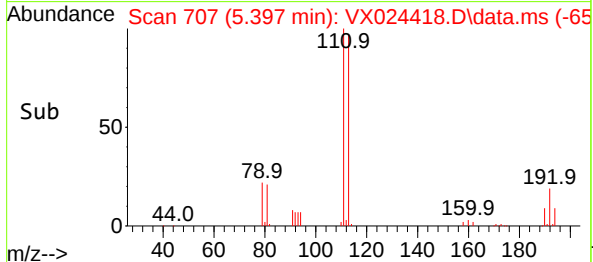
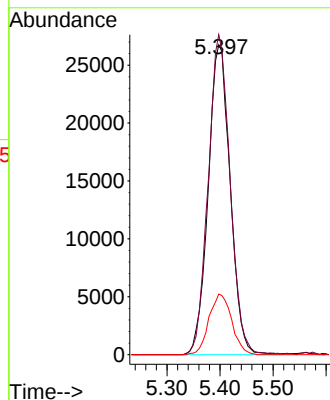
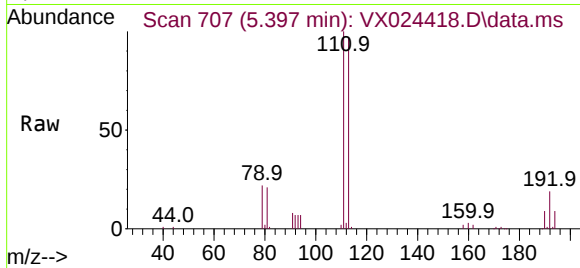




#35
Dibromofluoromethane
Concen: 46.389 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024418.D
Acq: 22 Sep 2021 04:59

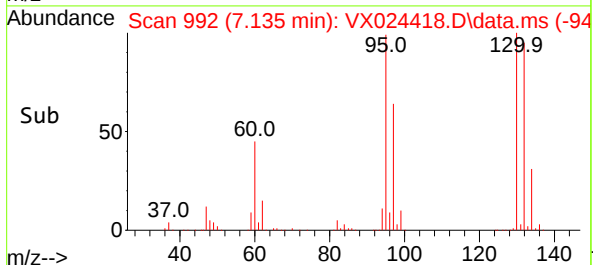
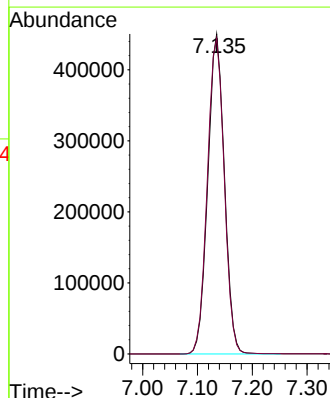
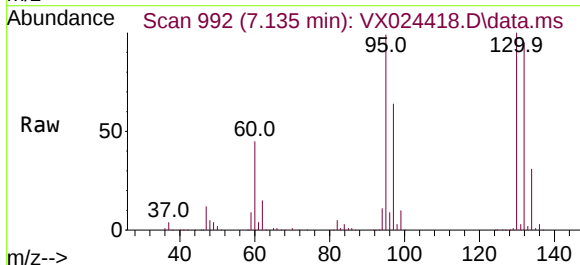
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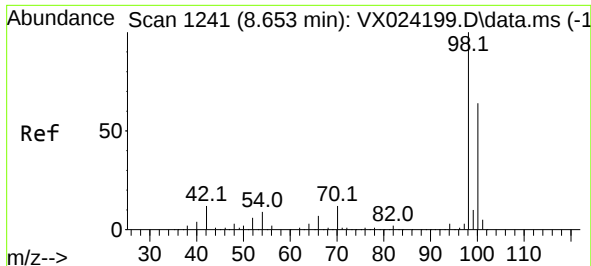
Tgt Ion:113 Resp: 77155
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.2 16.7 25.1



#44
Trichloroethene
Concen: 514.540 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024418.D
Acq: 22 Sep 2021 04:59

Tgt Ion:130 Resp: 945447
Ion Ratio Lower Upper
130 100
95 98.7 0.0 198.0

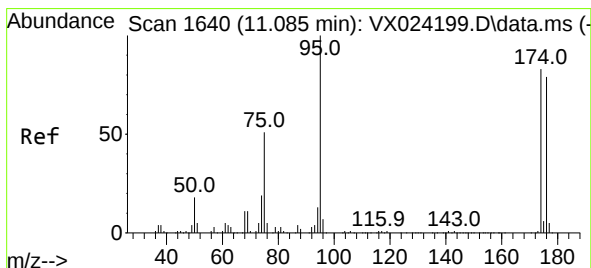
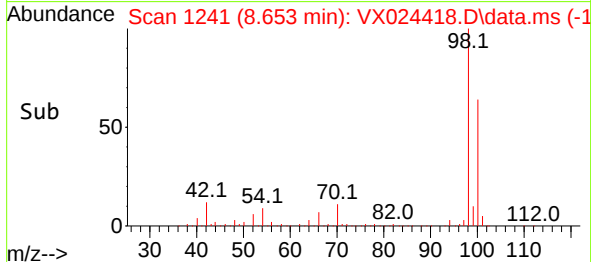
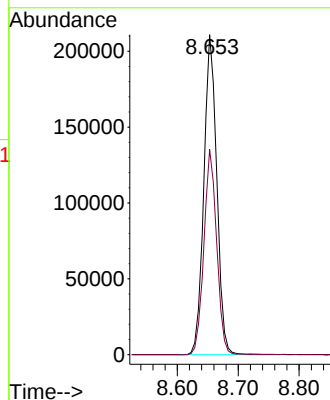
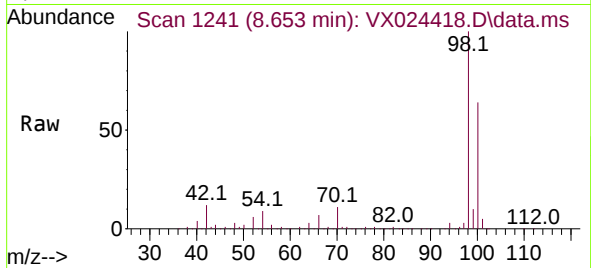




#50
Toluene-d8
Concen: 51.405 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024418.D
Acq: 22 Sep 2021 04:59

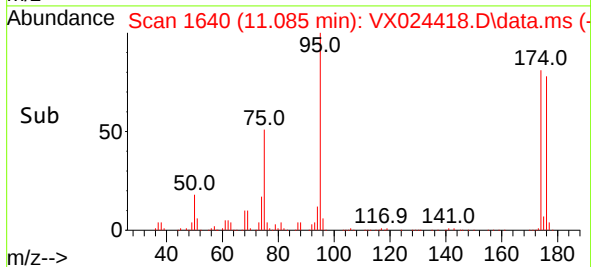
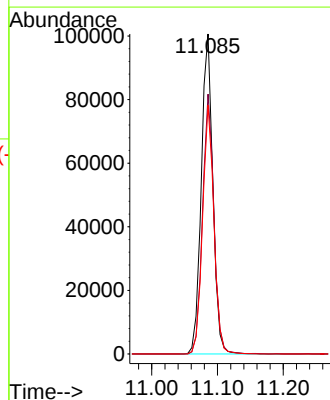
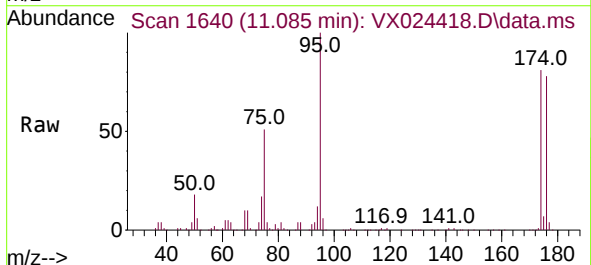
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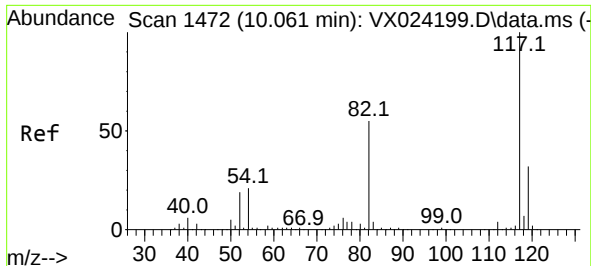
Tgt Ion: 98 Resp: 311462
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.080 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024418.D
Acq: 22 Sep 2021 04:59

Tgt Ion: 95 Resp: 122802
Ion Ratio Lower Upper
95 100
174 80.1 0.0 154.6
176 76.2 0.0 155.8

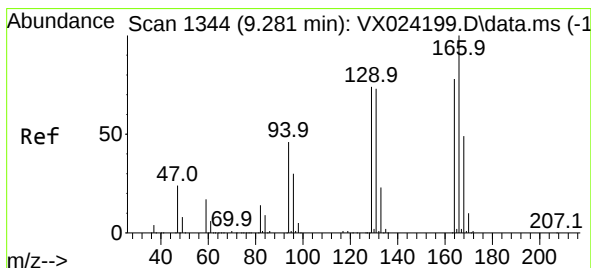
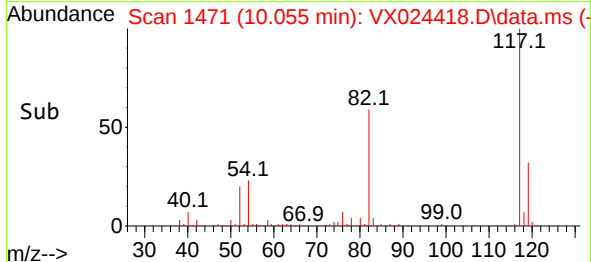
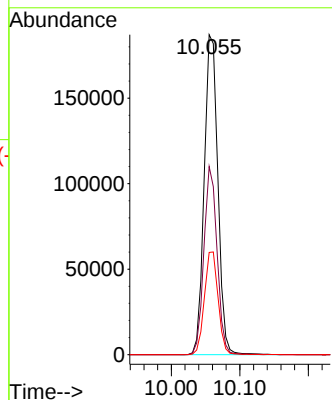
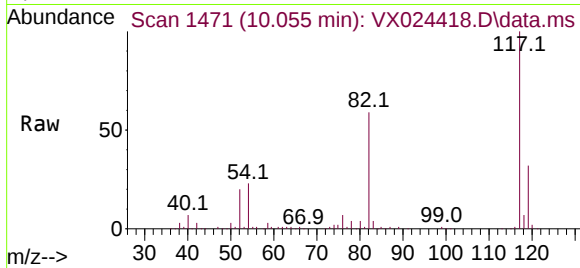




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024418.D
Acq: 22 Sep 2021 04:59

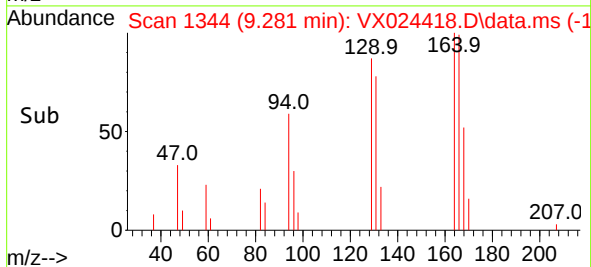
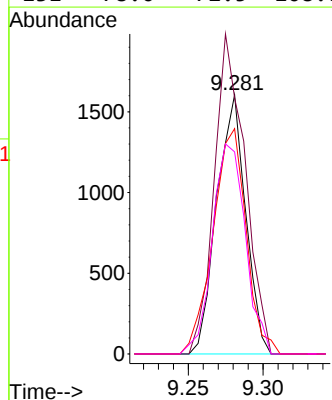
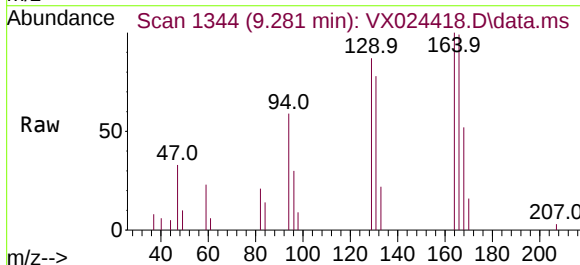
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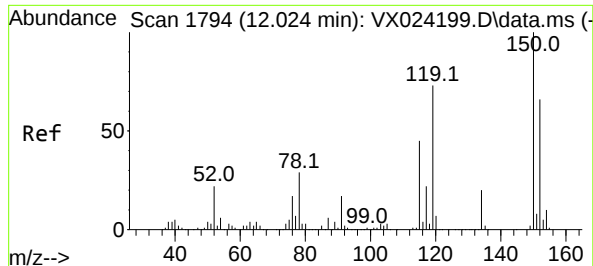
Tgt Ion:117 Resp: 259893
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.0 26.6 39.8



#64
Tetrachloroethene
Concen: 1.071 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024418.D
Acq: 22 Sep 2021 04:59

Tgt Ion:164 Resp: 2156
Ion Ratio Lower Upper
164 100
166 98.8 103.4 155.2#
129 86.9 70.8 106.2
131 78.0 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024418.D
 Acq: 22 Sep 2021 04:59

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20210920

Tgt Ion:152 Resp: 110722
 Ion Ratio Lower Upper
 152 100
 115 61.0 41.1 123.3
 150 157.6 0.0 349.0

