

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024419.D
 Acq On : 22 Sep 2021 05:22
 Operator : JC/MD
 Sample : M3833-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20210920

Quant Time: Sep 22 06:58:01 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)

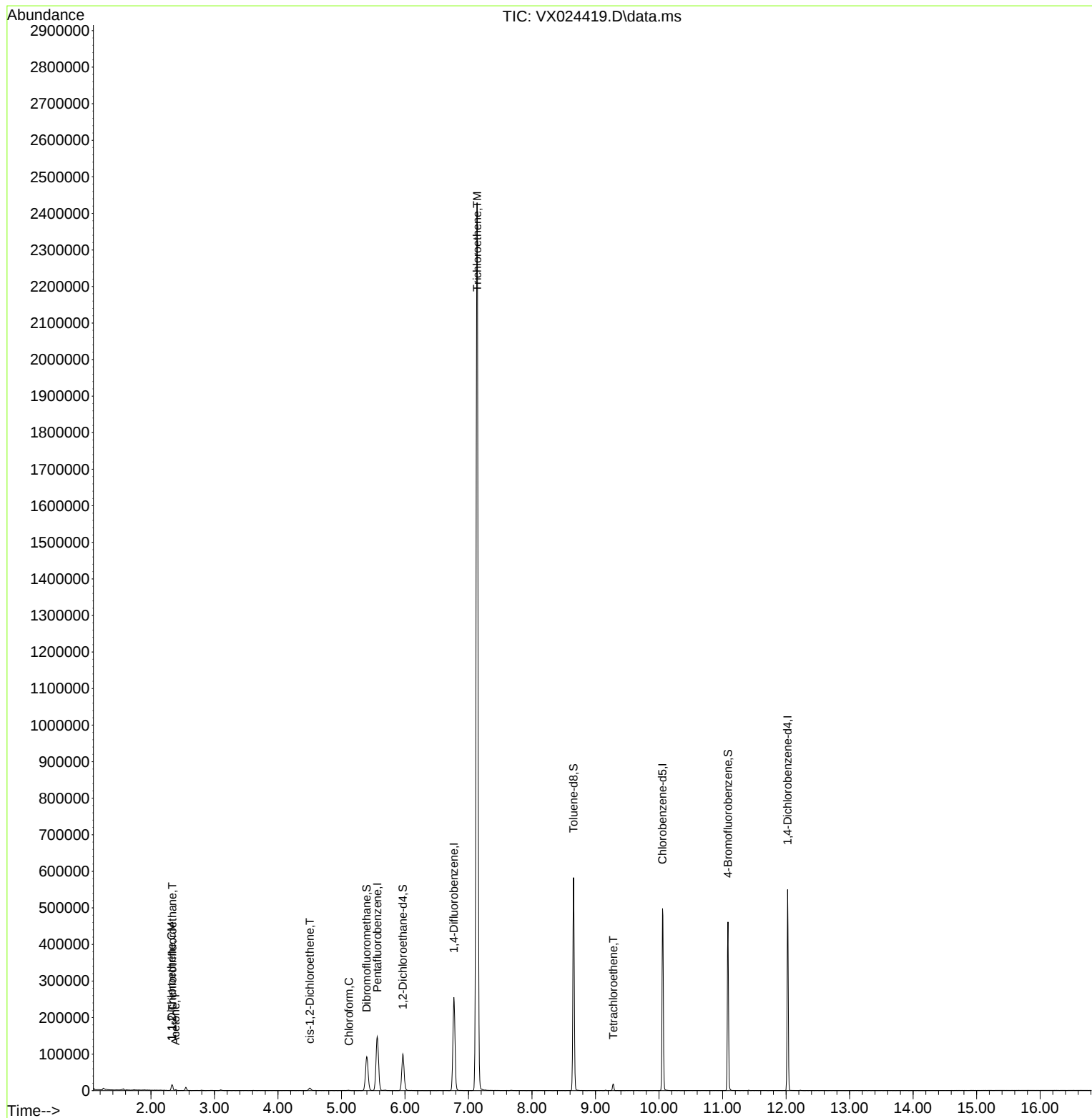
Internal Standards						
1) Pentafluorobenzene	5.562	168	136535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98795	50.744	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.480%	
35) Dibromofluoromethane	5.397	113	79016	47.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.140%	
50) Toluene-d8	8.653	98	330815	54.674	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.340%	
62) 4-Bromofluorobenzene	11.085	95	118724	50.420	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.840%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	5649	4.203	ug/l	95
12) 1,1-Dichloroethene	2.325	96	1324	1.052	ug/l #	74
16) Acetone	2.386	43	2173	2.618	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	4357	2.737	ug/l	90
30) Chloroform	5.117	83	1176	0.419	ug/l	84
44) Trichloroethene	7.135	130	902898	492.064	ug/l	98
64) Tetrachloroethene	9.281	164	3249	1.900	ug/l #	86

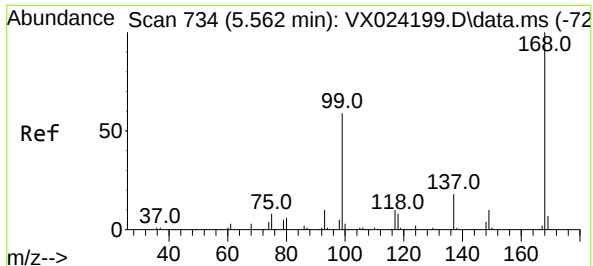
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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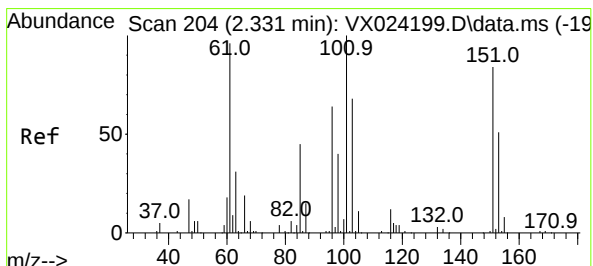
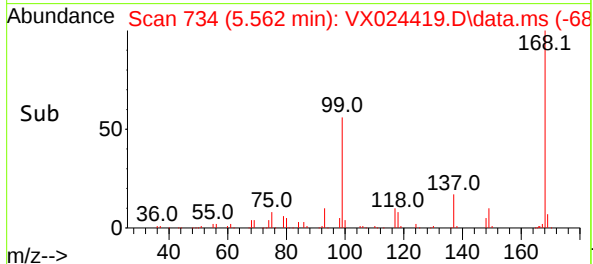
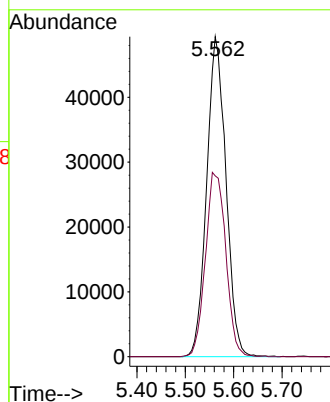
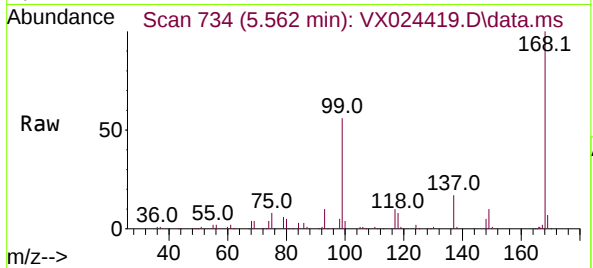




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024419.D
Acq: 22 Sep 2021 05:22

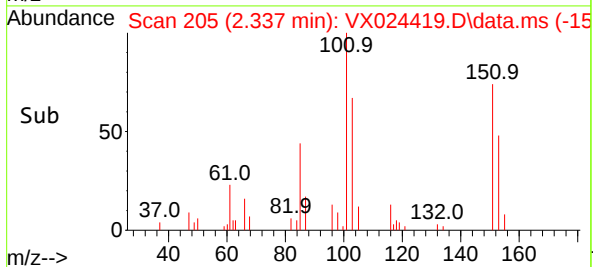
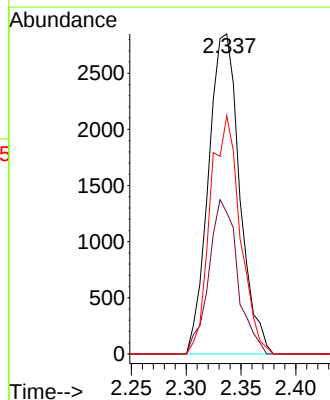
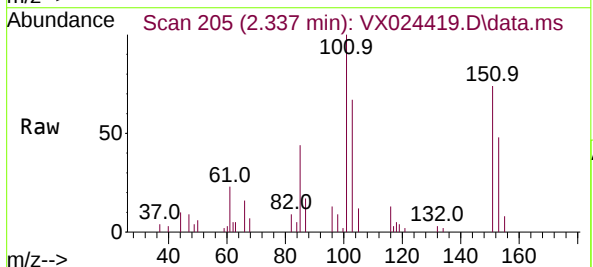
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210920

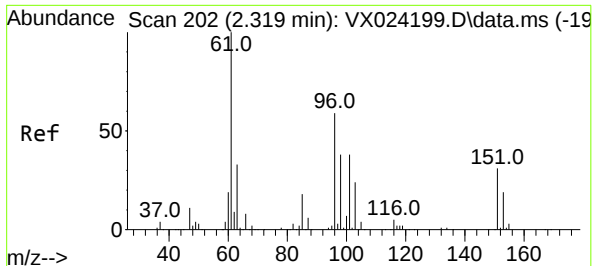
Tgt Ion:168 Resp: 136535
Ion Ratio Lower Upper
168 100
99 56.5 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.203 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024419.D
Acq: 22 Sep 2021 05:22

Tgt Ion:101 Resp: 5649
Ion Ratio Lower Upper
101 100
85 44.3 34.9 52.3
151 71.1 61.4 92.2

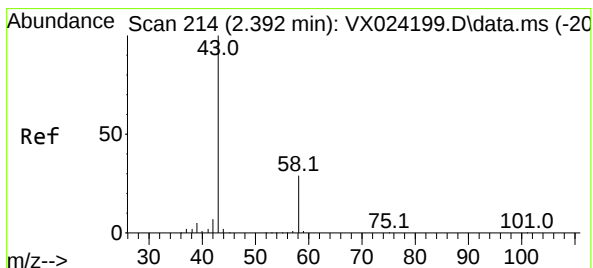
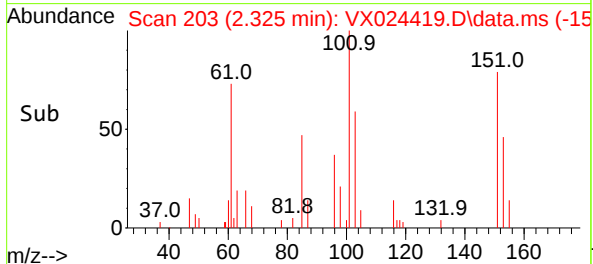
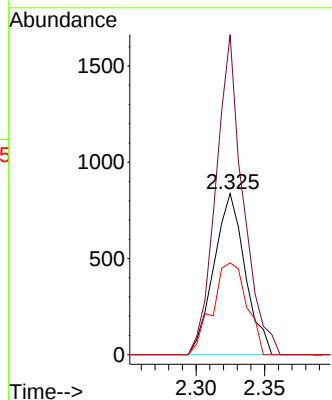
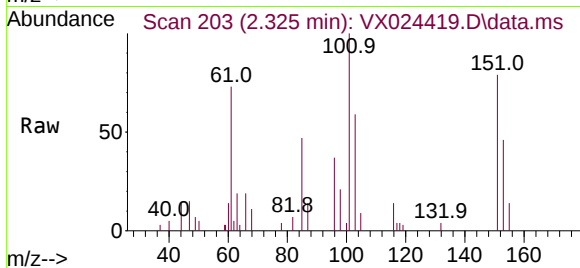




#12
1,1-Dichloroethene
Concen: 1.052 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX024419.D
Acq: 22 Sep 2021 05:22

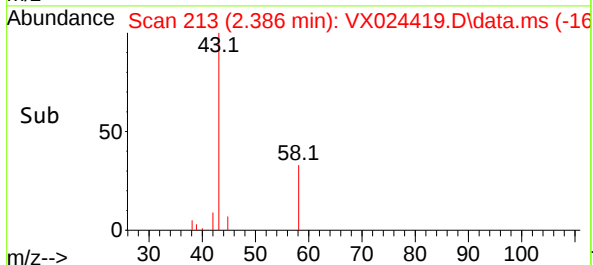
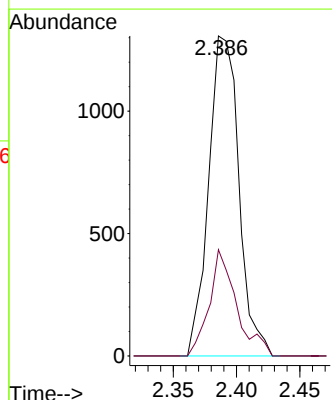
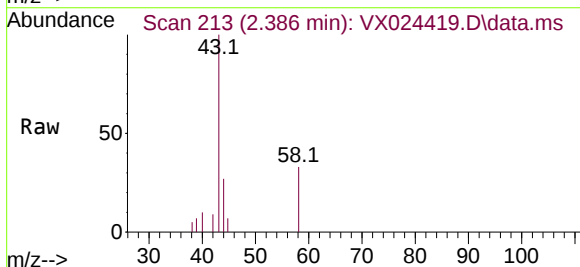
Instrument :
MSVOA_X
ClientSampleId :
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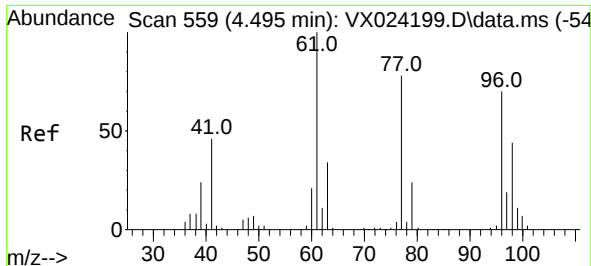
Tgt Ion: 96 Resp: 1324
Ion Ratio Lower Upper
96 100
61 198.7 124.6 187.0#
98 57.0 50.6 76.0



#16
Acetone
Concen: 2.618 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024419.D
Acq: 22 Sep 2021 05:22

Tgt Ion: 43 Resp: 2173
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8





#27

cis-1,2-Dichloroethene

Concen: 2.737 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX024419.D

Acq: 22 Sep 2021 05:22

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20210920

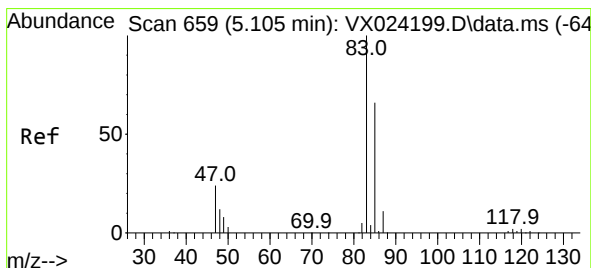
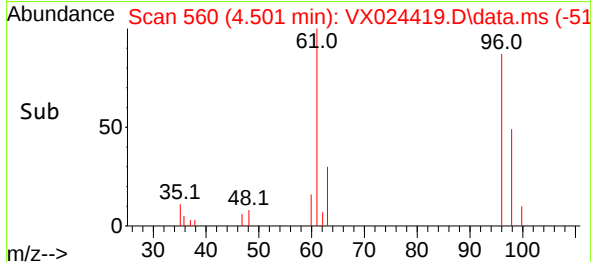
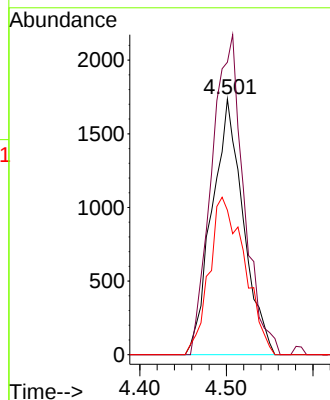
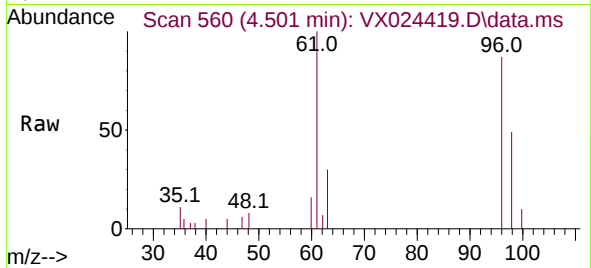
Tgt Ion: 96 Resp: 4357

Ion Ratio Lower Upper

96 100

61 128.7 0.0 285.6

98 69.7 0.0 129.6



#30

Chloroform

Concen: 0.419 ug/l

RT: 5.117 min Scan# 661

Delta R.T. 0.012 min

Lab File: VX024419.D

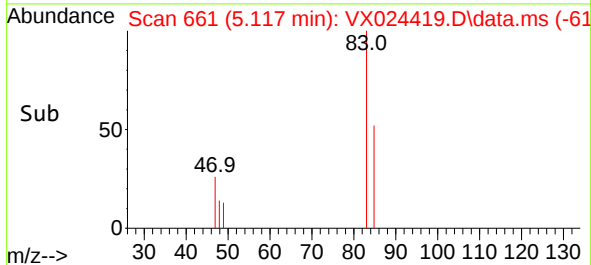
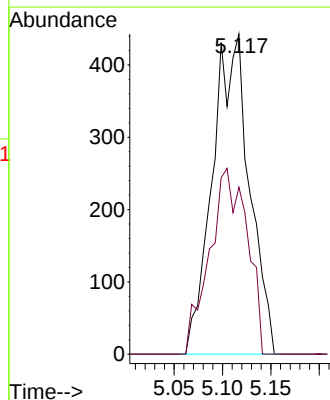
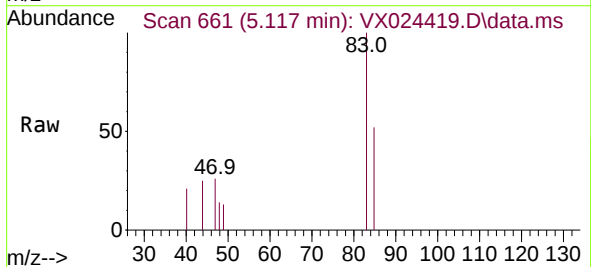
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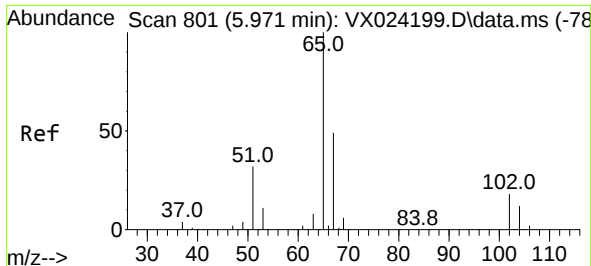
Tgt Ion: 83 Resp: 1176

Ion Ratio Lower Upper

83 100

85 52.1 52.0 78.0

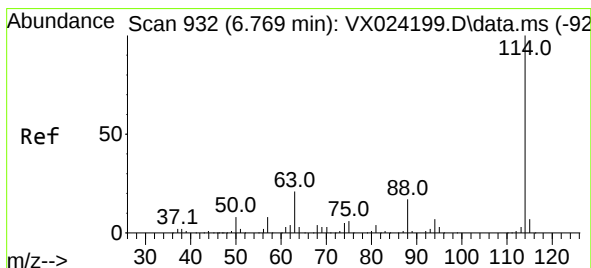
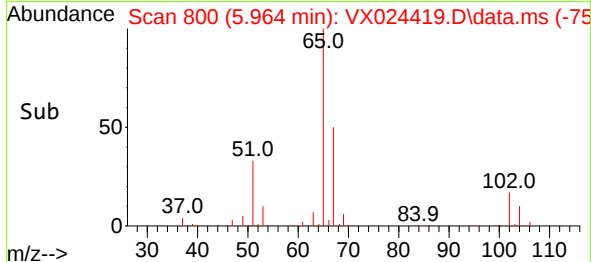
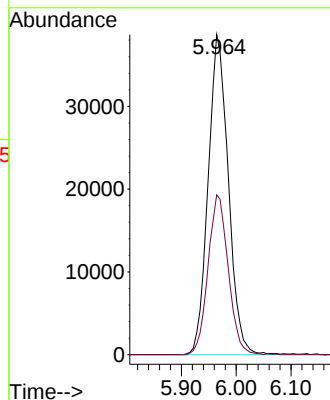
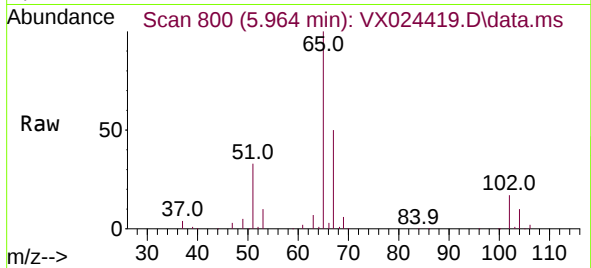




#33
 1,2-Dichloroethane-d4
 Concen: 50.744 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.007 min
 Lab File: VX024419.D
 Acq: 22 Sep 2021 05:22

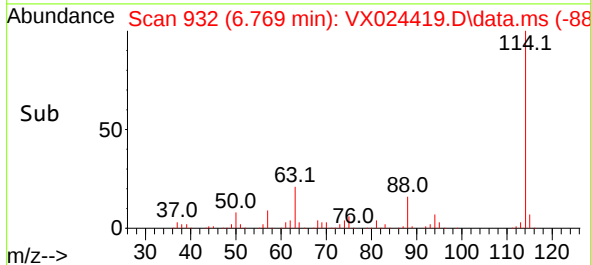
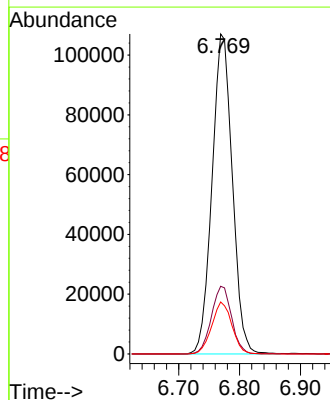
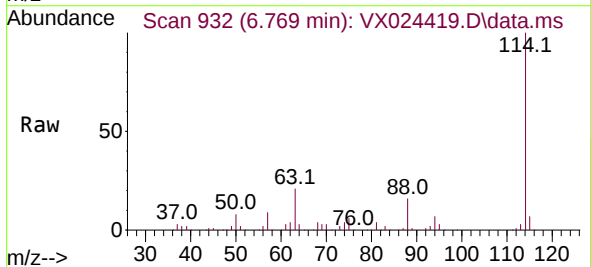
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20210920

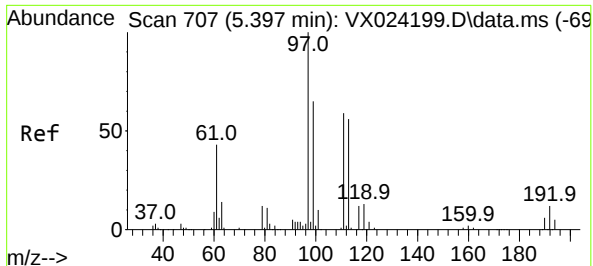
Tgt Ion: 65 Resp: 98795
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX024419.D
 Acq: 22 Sep 2021 05:22

Tgt Ion: 114 Resp: 247660
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.574 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024419.D

Acq: 22 Sep 2021 05:22

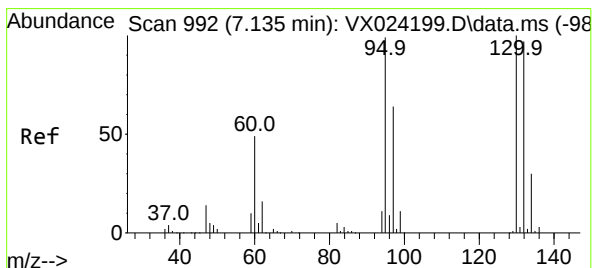
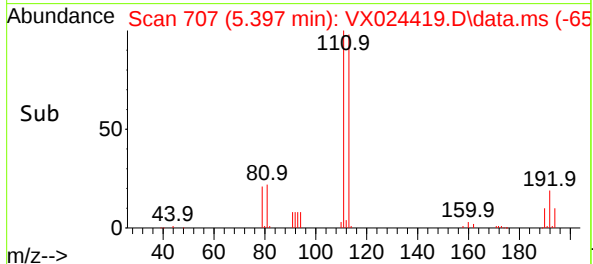
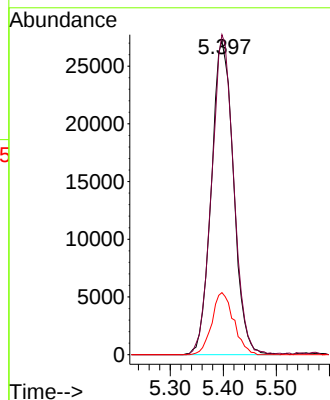
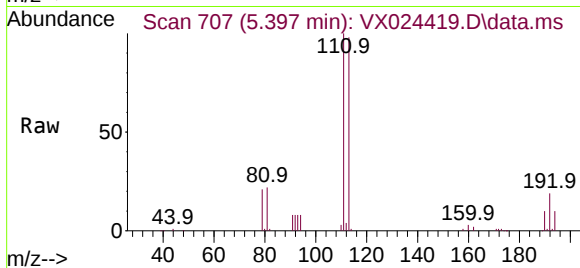
Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20210920

Tgt Ion:	113	Resp:	79016
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.9	122.9
192	19.5	16.7	25.1



#44

Trichloroethene

Concen: 492.064 ug/l

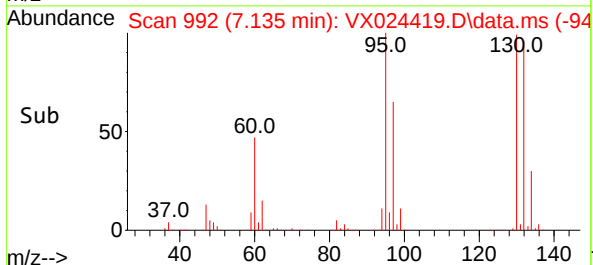
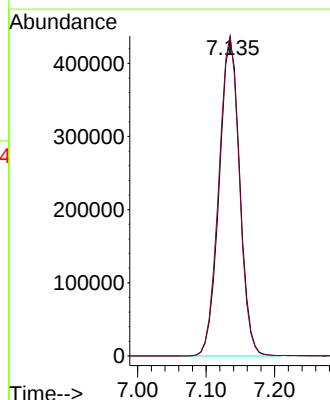
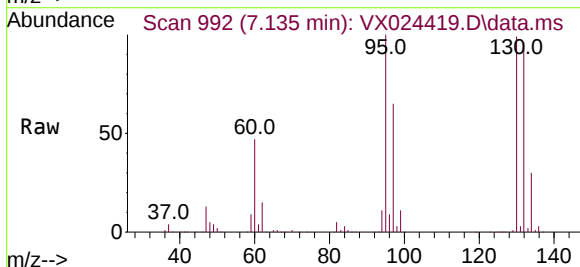
RT: 7.135 min Scan# 992

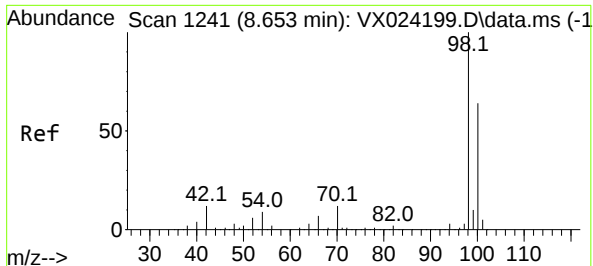
Delta R.T. -0.000 min

Lab File: VX024419.D

Acq: 22 Sep 2021 05:22

Tgt Ion:	130	Resp:	902898
Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	198.0





#50

Toluene-d8

Concen: 54.674 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024419.D

Acq: 22 Sep 2021 05:22

Instrument :

MSVOA_X

ClientSampleId :

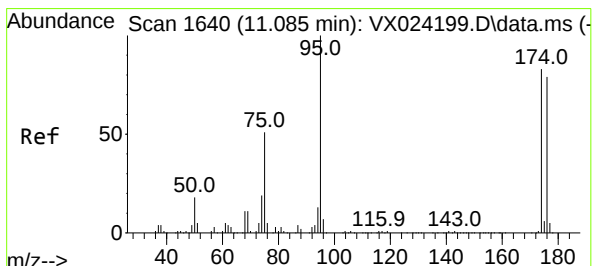
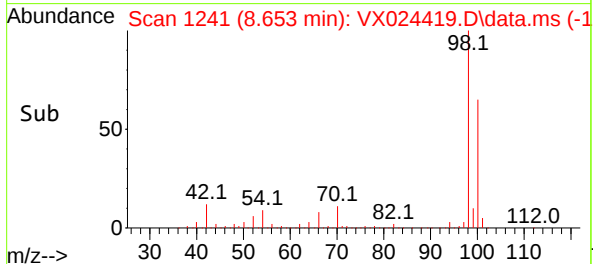
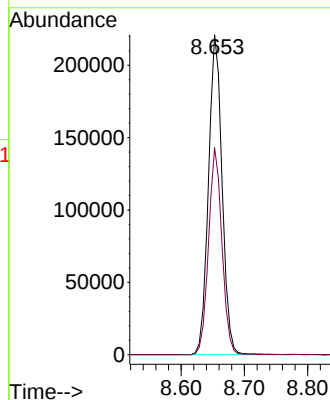
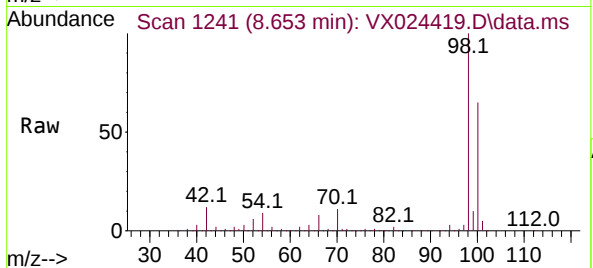
RE122D1-20210920

Tgt Ion: 98 Resp: 330815

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 50.420 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024419.D

Acq: 22 Sep 2021 05:22

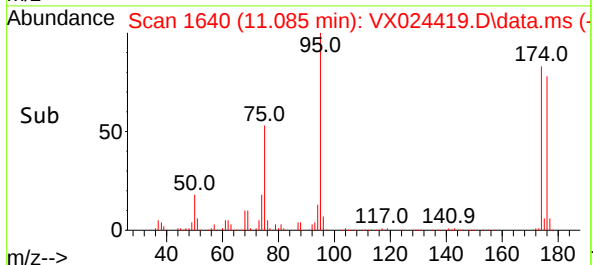
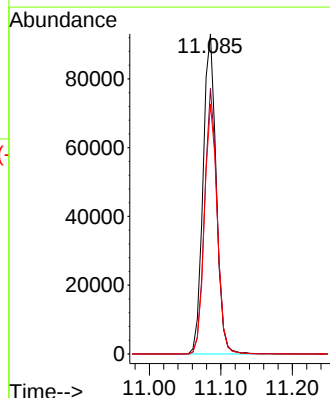
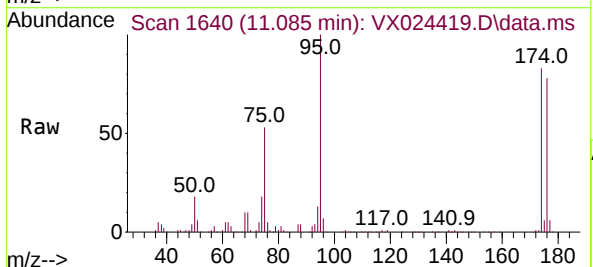
Tgt Ion: 95 Resp: 118724

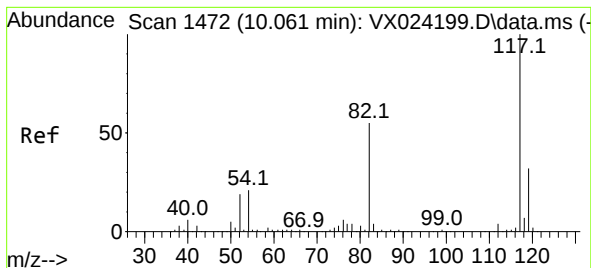
Ion Ratio Lower Upper

95 100

174 79.8 0.0 154.6

176 76.4 0.0 155.8

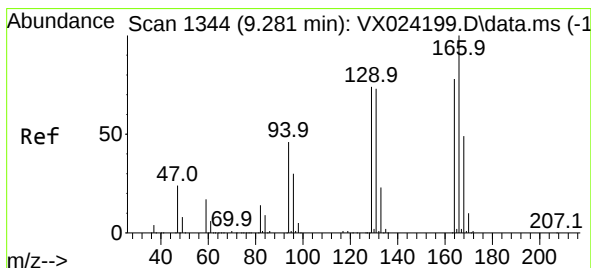
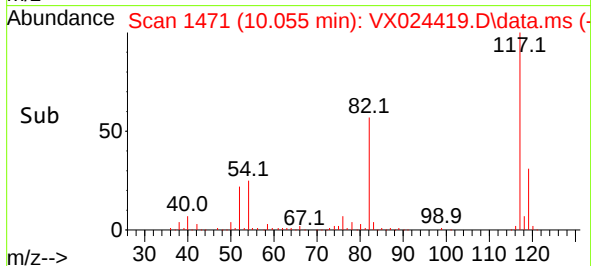
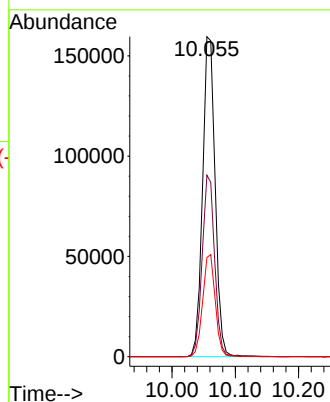
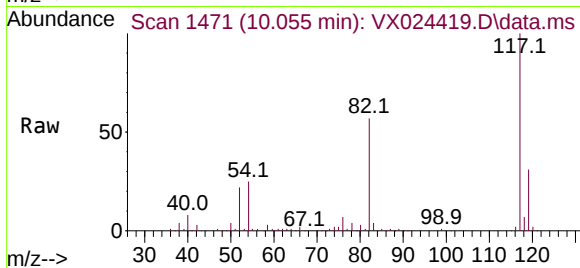




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024419.D
Acq: 22 Sep 2021 05:22

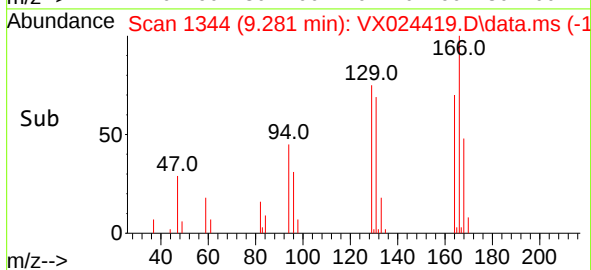
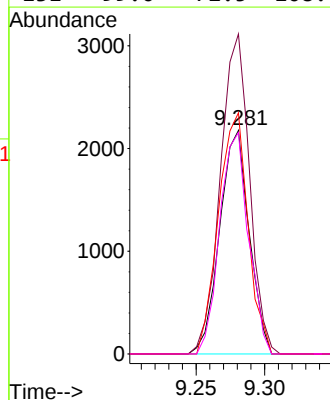
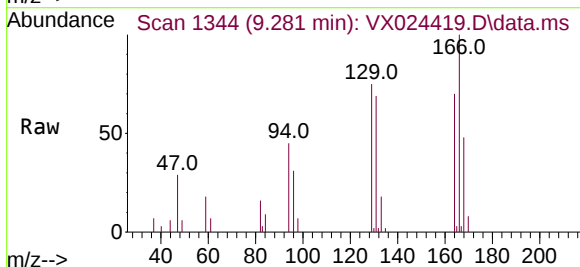
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210920

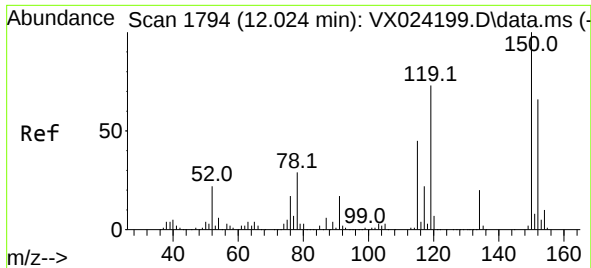
Tgt Ion:117 Resp: 220737
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 31.0 26.6 39.8



#64
Tetrachloroethene
Concen: 1.900 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024419.D
Acq: 22 Sep 2021 05:22

Tgt Ion:164 Resp: 3249
Ion Ratio Lower Upper
164 100
166 143.1 103.4 155.2
129 107.9 70.8 106.2#
131 99.0 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: VX024419.D
 Acq: 22 Sep 2021 05:22

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20210920

Tgt Ion:152 Resp: 109789
 Ion Ratio Lower Upper
 152 100
 115 60.1 41.1 123.3
 150 154.1 0.0 349.0

