

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024376.D
 Acq On : 21 Sep 2021 02:40
 Operator : JC/MD
 Sample : M3782-18DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20210915DL

Quant Time: Sep 21 08:46:11 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)

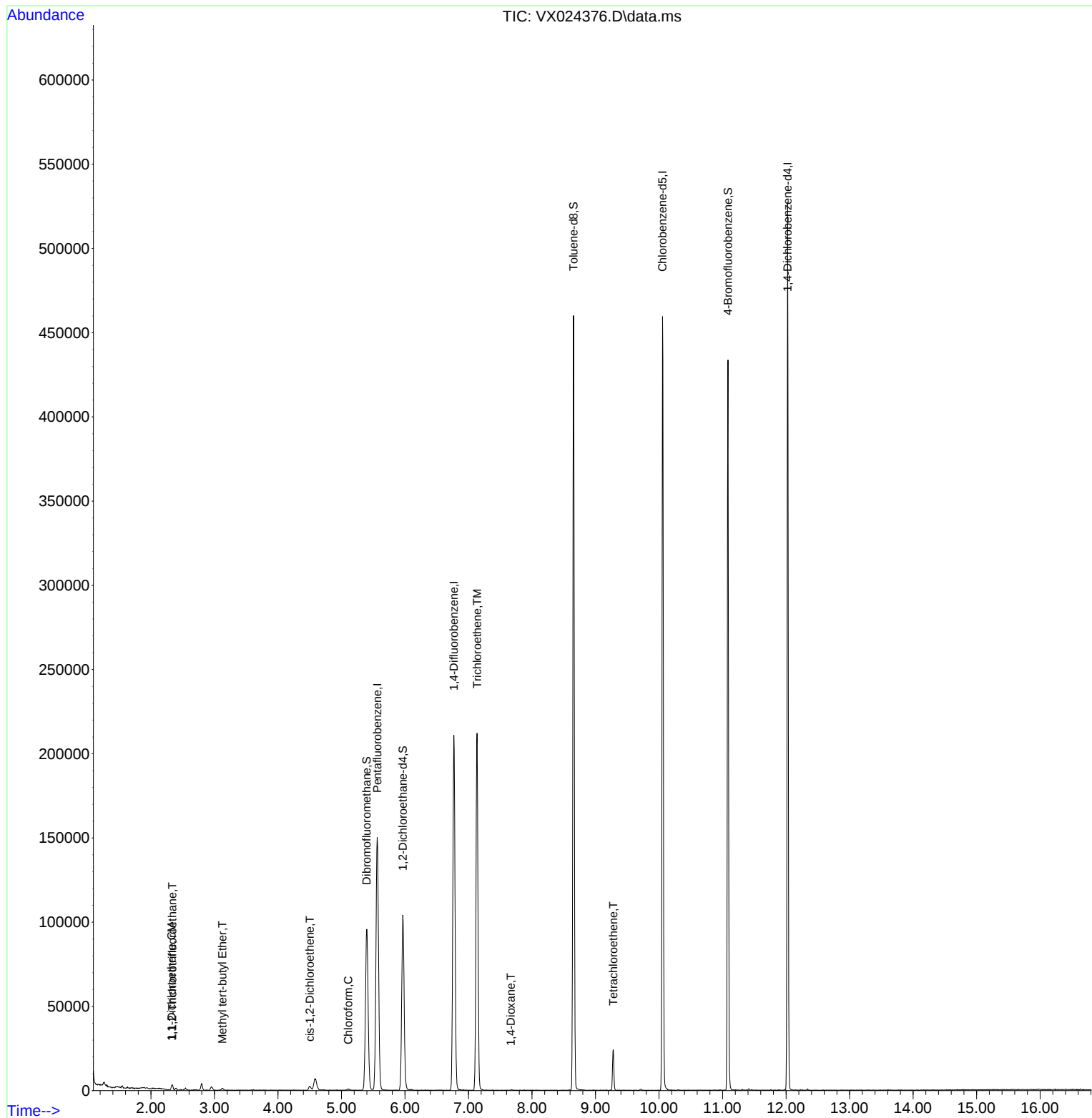
Internal Standards						
1) Pentafluorobenzene	5.562	168	140603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	210151	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104848	52.294	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.580%		
35) Dibromofluoromethane	5.397	113	83222	59.049	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 118.100%		
50) Toluene-d8	8.653	98	257656	50.184	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.360%		
62) 4-Bromofluorobenzene	11.085	95	114946	57.528	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 115.060%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	1098	0.793	ug/l #	86
12) 1,1-Dichloroethene	2.325	96	329	0.254	ug/l #	88
19) Methyl tert-butyl Ether	3.123	73	1135	0.238	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	1711	1.044	ug/l	84
30) Chloroform	5.105	83	1044	0.362	ug/l #	75
44) Trichloroethene	7.135	130	78984	50.728	ug/l	96
49) 1,4-Dioxane	7.665	88	225	6.009	ug/l	91
64) Tetrachloroethene	9.281	164	4593	2.946	ug/l	97

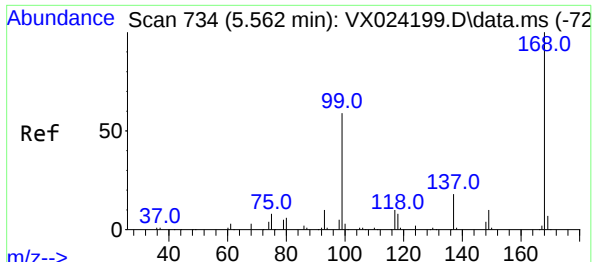
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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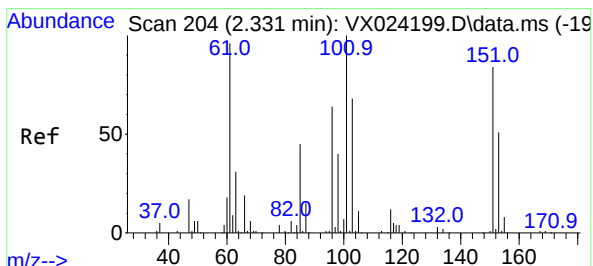
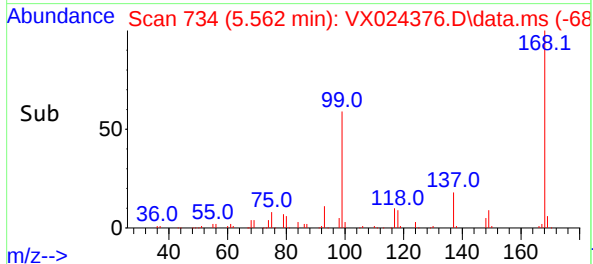
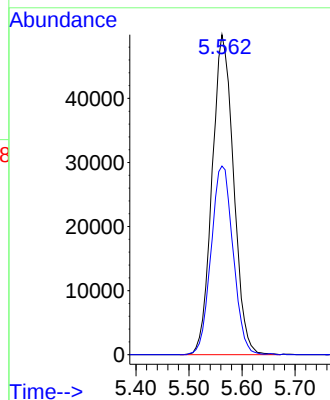
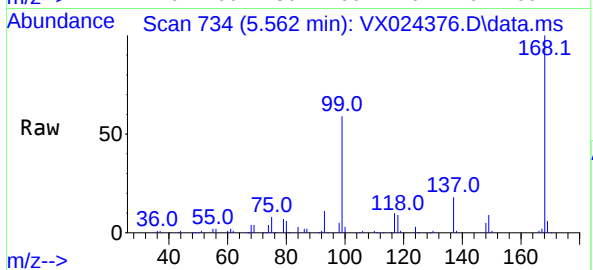




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024376.D
Acq: 21 Sep 2021 02:40

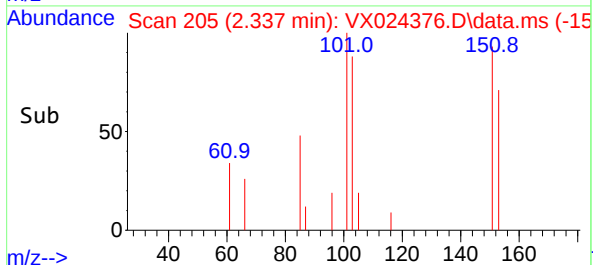
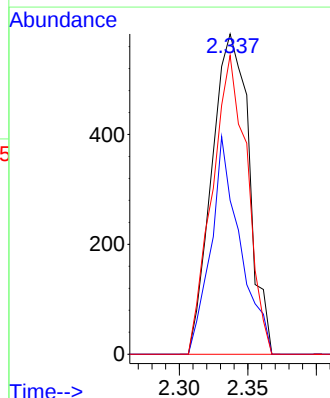
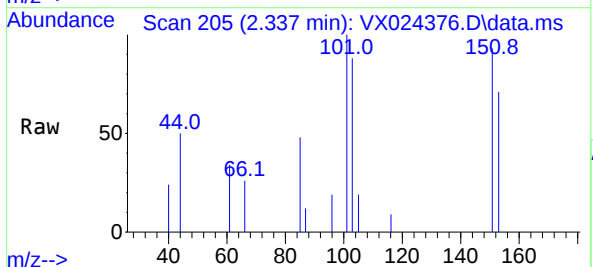
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20210915DL

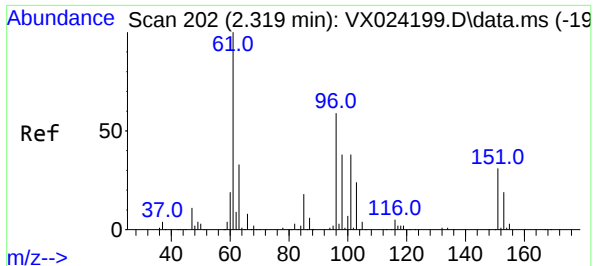
Tgt Ion:168 Resp: 140603
Ion Ratio Lower Upper
168 100
99 58.9 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.793 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024376.D
Acq: 21 Sep 2021 02:40

Tgt Ion:101 Resp: 1098
Ion Ratio Lower Upper
101 100
85 53.6 34.9 52.3#
151 87.5 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.254 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX024376.D

Acq: 21 Sep 2021 02:40

Tgt Ion: 96 Resp: 329

Ion Ratio Lower Upper

96 100

61 144.5 124.6 187.0

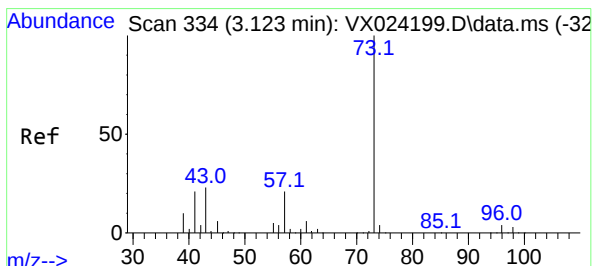
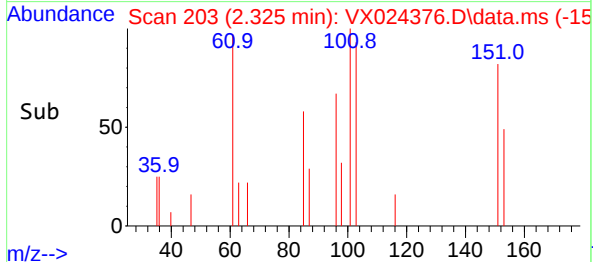
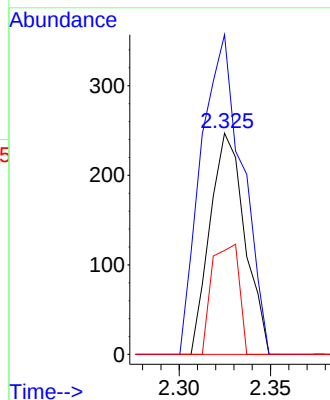
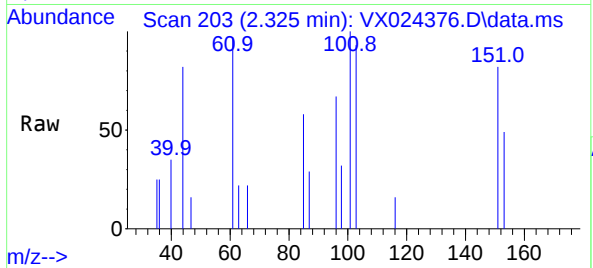
98 47.0 50.6 76.0#

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20210915DL



#19

Methyl tert-butyl Ether

Concen: 0.238 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.000 min

Lab File: VX024376.D

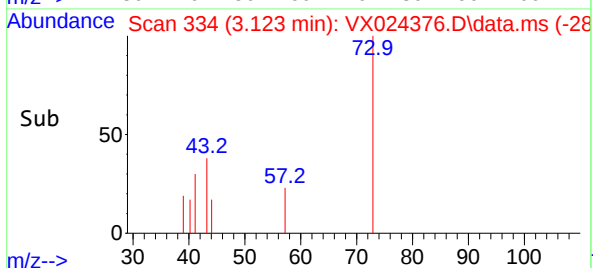
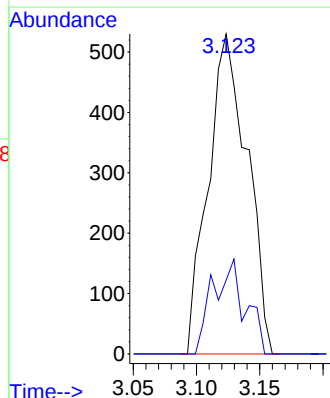
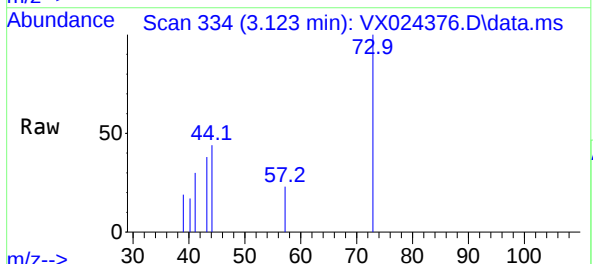
Acq: 21 Sep 2021 02:40

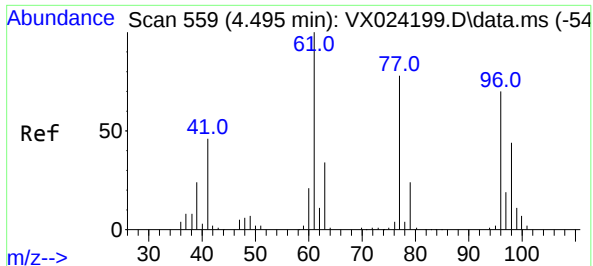
Tgt Ion: 73 Resp: 1135

Ion Ratio Lower Upper

73 100

57 23.0 17.1 25.7



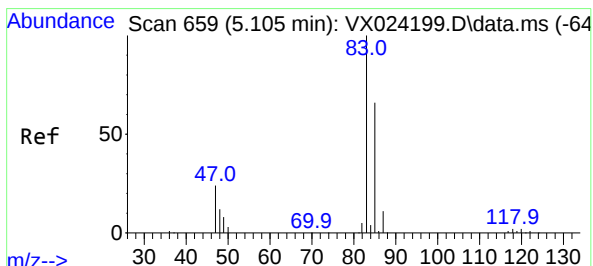
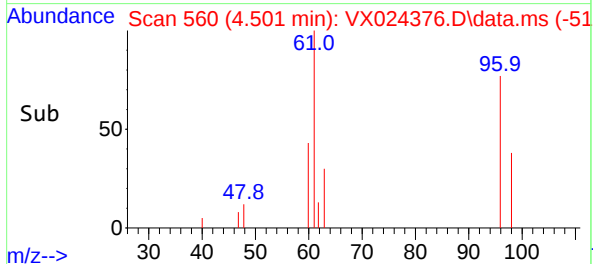
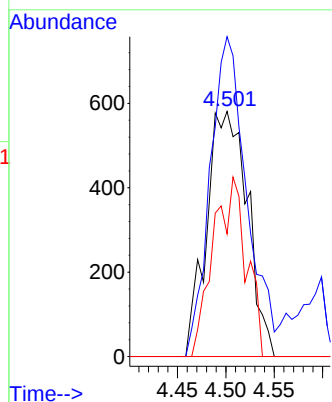
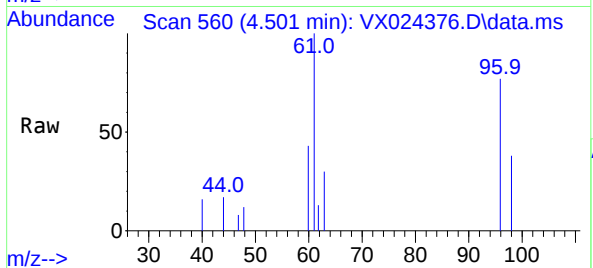


#27
cis-1,2-Dichloroethene
Concen: 1.044 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX024376.D
Acq: 21 Sep 2021 02:40

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20210915DL

Tgt Ion: 96 Resp: 1711

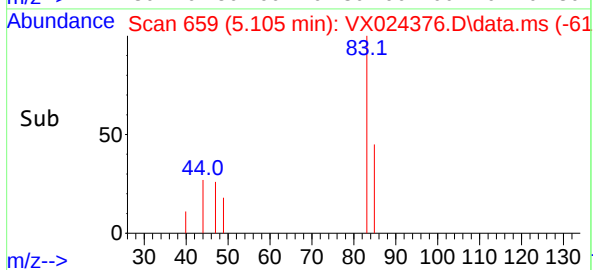
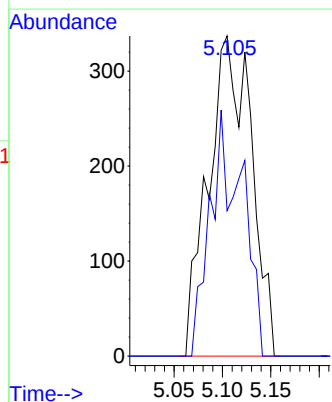
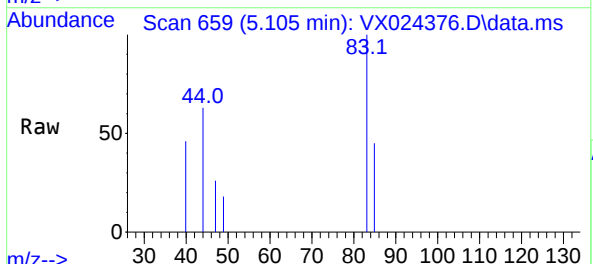
Ion	Ratio	Lower	Upper
96	100		
61	117.9	0.0	285.6
98	59.1	0.0	129.6

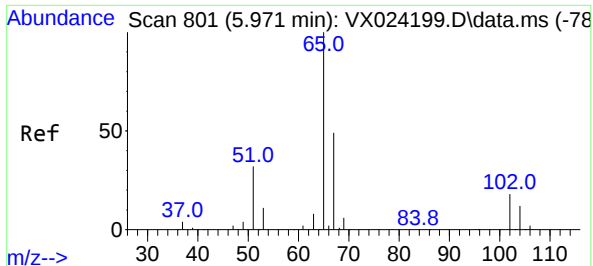


#30
Chloroform
Concen: 0.362 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX024376.D
Acq: 21 Sep 2021 02:40

Tgt Ion: 83 Resp: 1044

Ion	Ratio	Lower	Upper
83	100		
85	45.4	52.0	78.0#



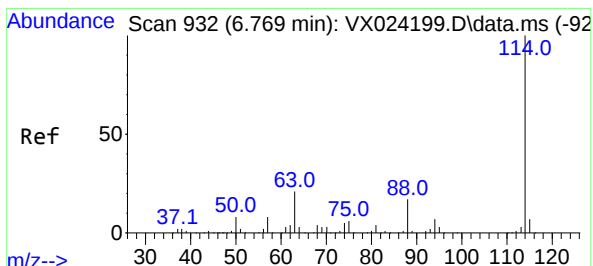
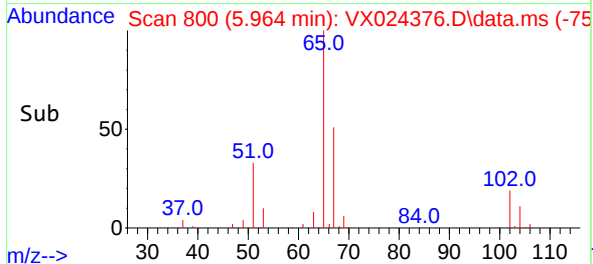
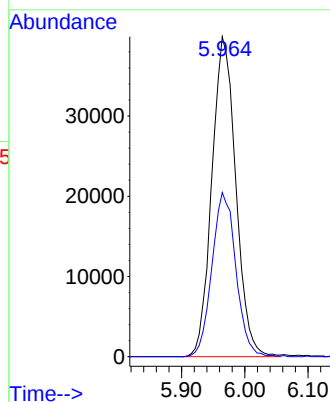
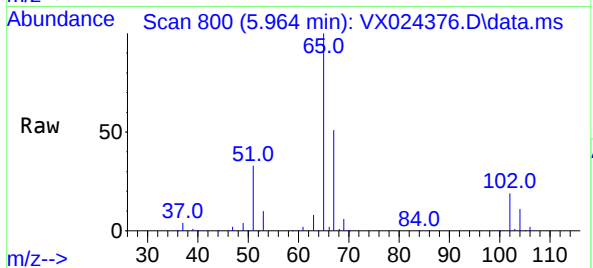


#33

1,2-Dichloroethane-d4
Concen: 52.294 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024376.D
Acq: 21 Sep 2021 02:40

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20210915DL

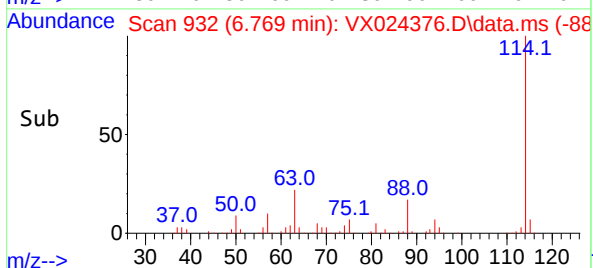
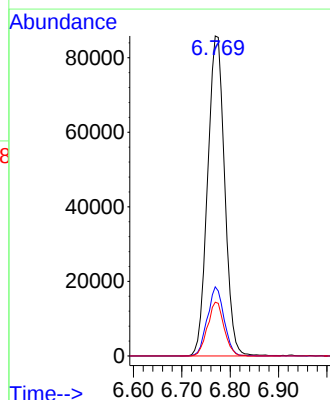
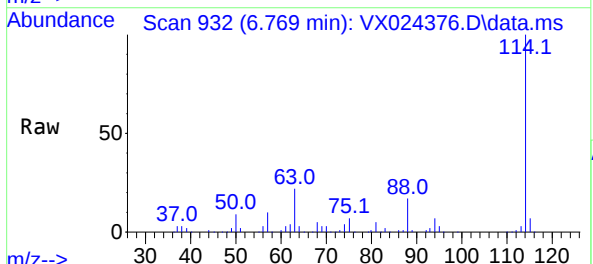
Tgt Ion: 65 Resp: 104848
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

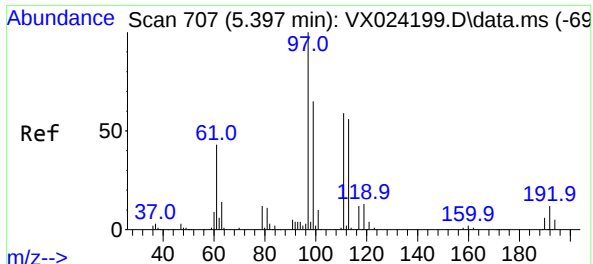


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024376.D
Acq: 21 Sep 2021 02:40

Tgt Ion: 114 Resp: 210151
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 16.8 0.0 32.8



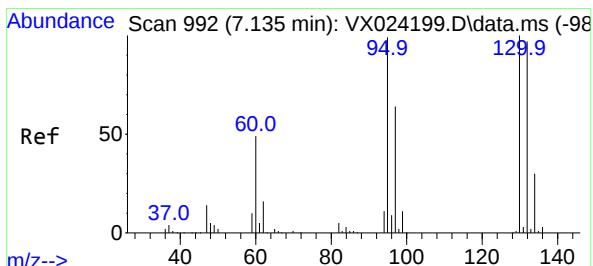
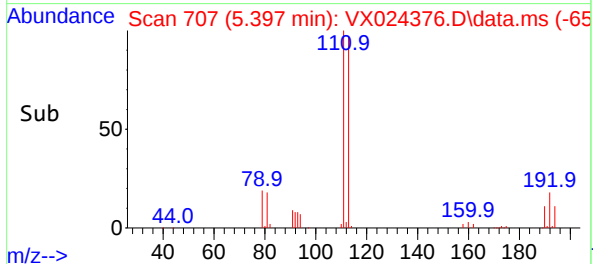
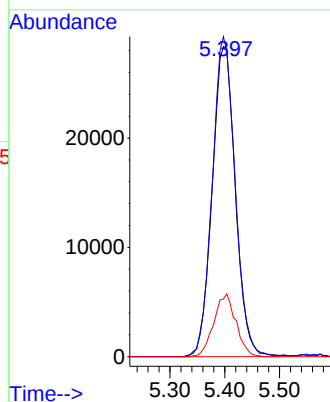
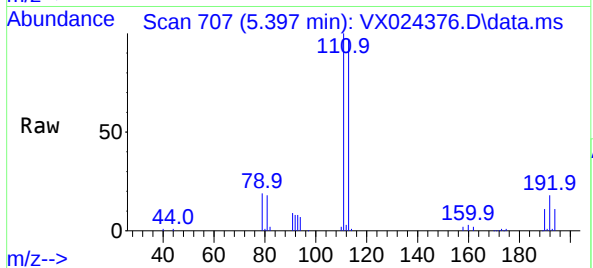


#35
Dibromofluoromethane
Concen: 59.049 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024376.D
Acq: 21 Sep 2021 02:40

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20210915DL

Tgt Ion:113 Resp: 83222

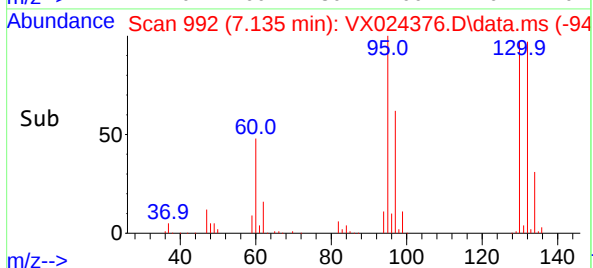
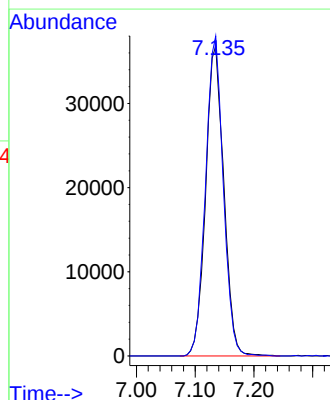
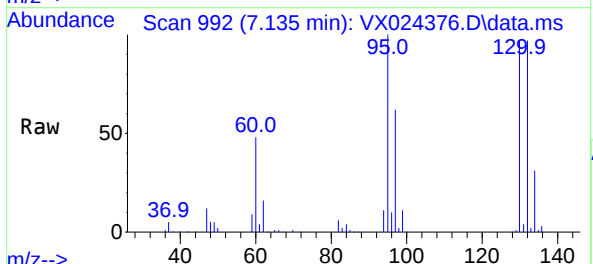
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	19.3	16.7	25.1

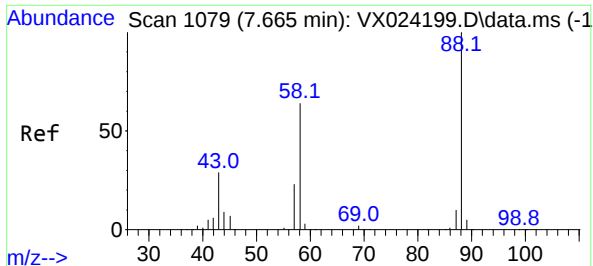


#44
Trichloroethene
Concen: 50.728 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024376.D
Acq: 21 Sep 2021 02:40

Tgt Ion:130 Resp: 78984

Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	198.0



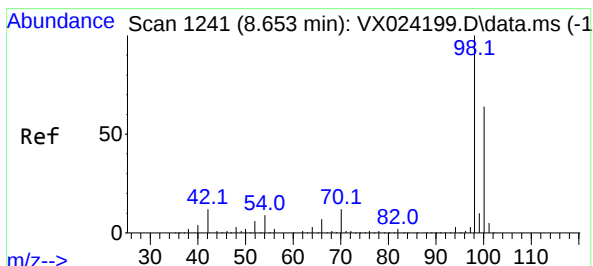
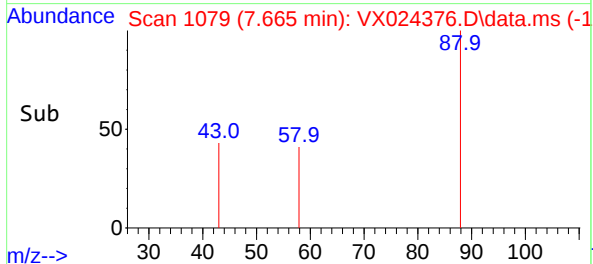
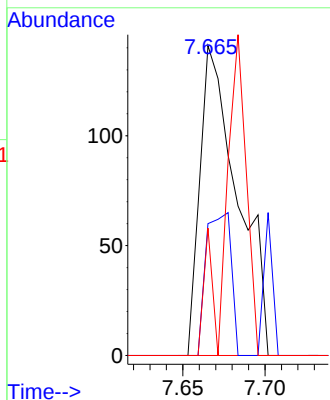
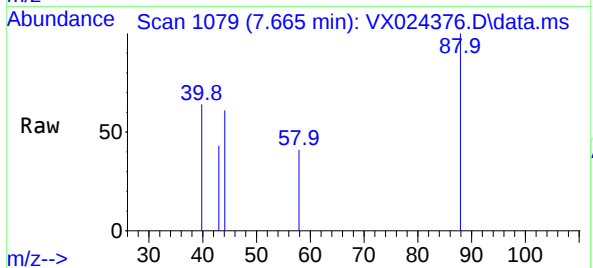


#49
1,4-Dioxane
Concen: 6.009 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX024376.D
Acq: 21 Sep 2021 02:40

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20210915DL

Tgt Ion: 88 Resp: 225

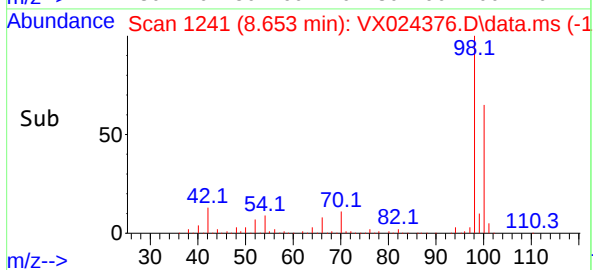
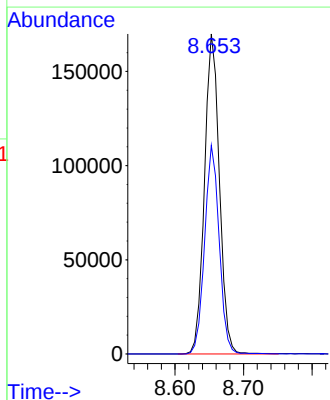
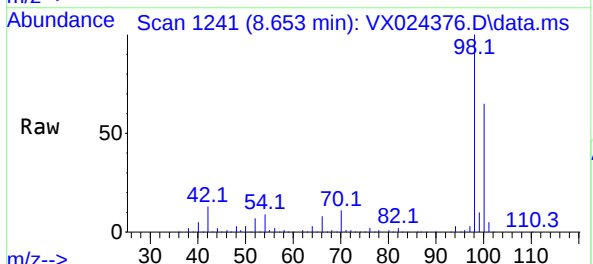
Ion	Ratio	Lower	Upper
88	100		
43	30.2	23.2	34.8
58	59.1	55.0	82.4

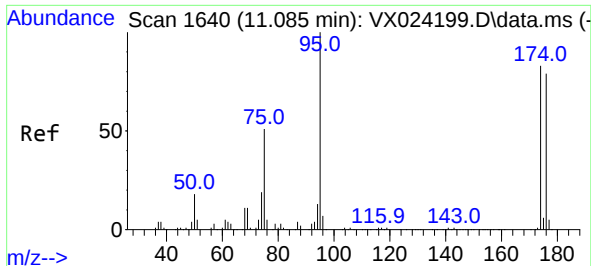


#50
Toluene-d8
Concen: 50.184 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024376.D
Acq: 21 Sep 2021 02:40

Tgt Ion: 98 Resp: 257656

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.9	77.9

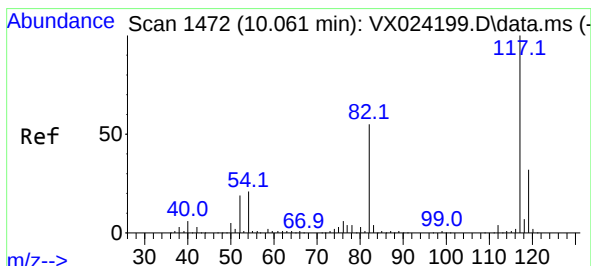
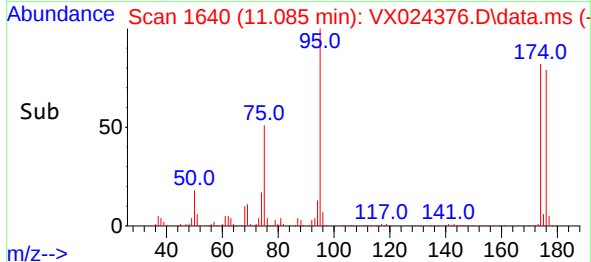
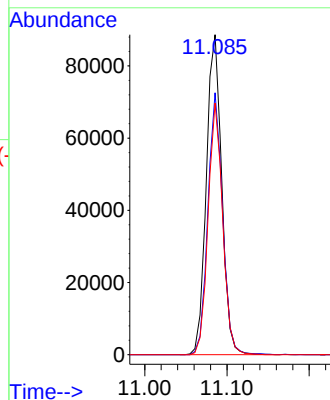
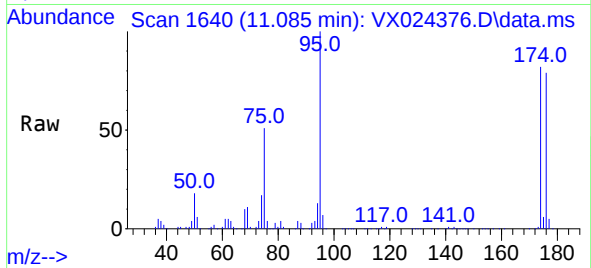




#62
4-Bromofluorobenzene
Concen: 57.528 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024376.D
Acq: 21 Sep 2021 02:40

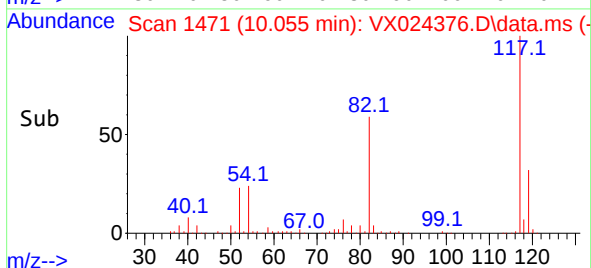
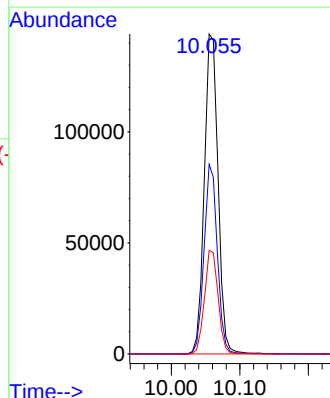
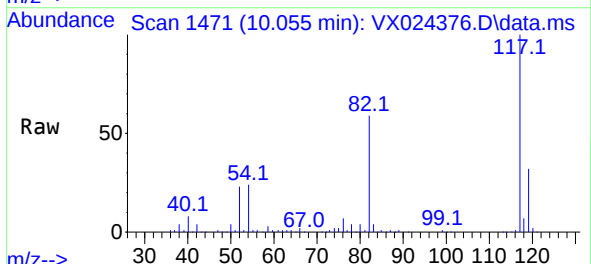
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20210915DL

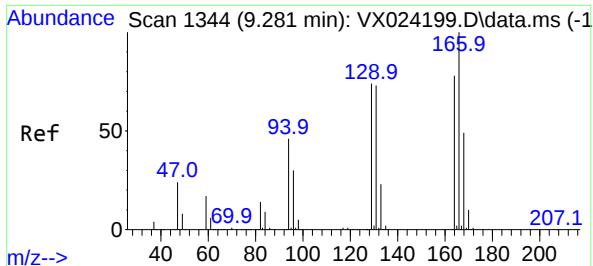
Tgt Ion: 95 Resp: 114946
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 74.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024376.D
Acq: 21 Sep 2021 02:40

Tgt Ion: 117 Resp: 201236
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 32.4 26.6 39.8



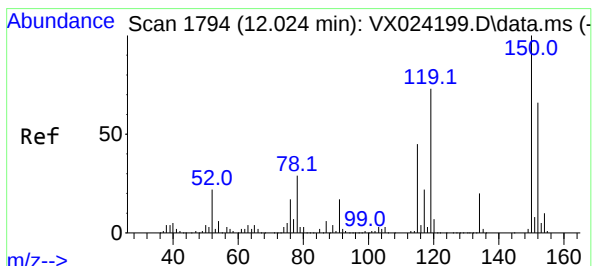
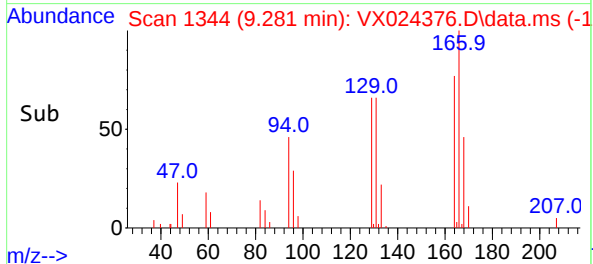
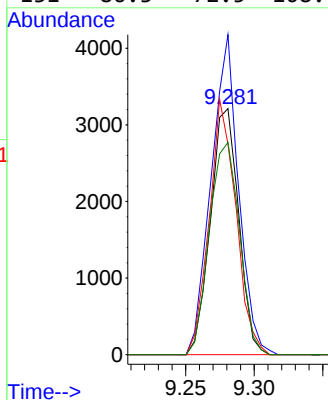
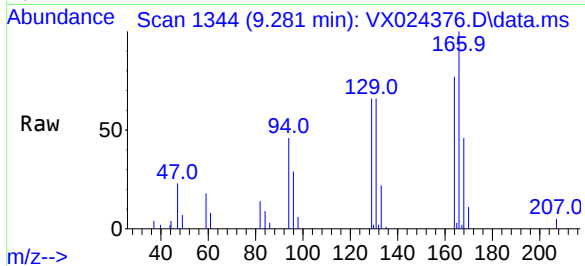


#64
Tetrachloroethene
Concen: 2.946 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024376.D
Acq: 21 Sep 2021 02:40

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20210915DL

Tgt Ion:164 Resp: 4593

Ion	Ratio	Lower	Upper
164	100		
166	130.0	103.4	155.2
129	85.6	70.8	106.2
131	86.3	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: VX024376.D
Acq: 21 Sep 2021 02:40

Tgt Ion:152 Resp: 105262

Ion	Ratio	Lower	Upper
152	100		
115	60.7	41.1	123.3
150	156.2	0.0	349.0

