

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022744.D
 Acq On : 17 Jun 2021 16:39
 Operator : JC/MD
 Sample : M2750-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20210615

Quant Time: Jun 18 01:18:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

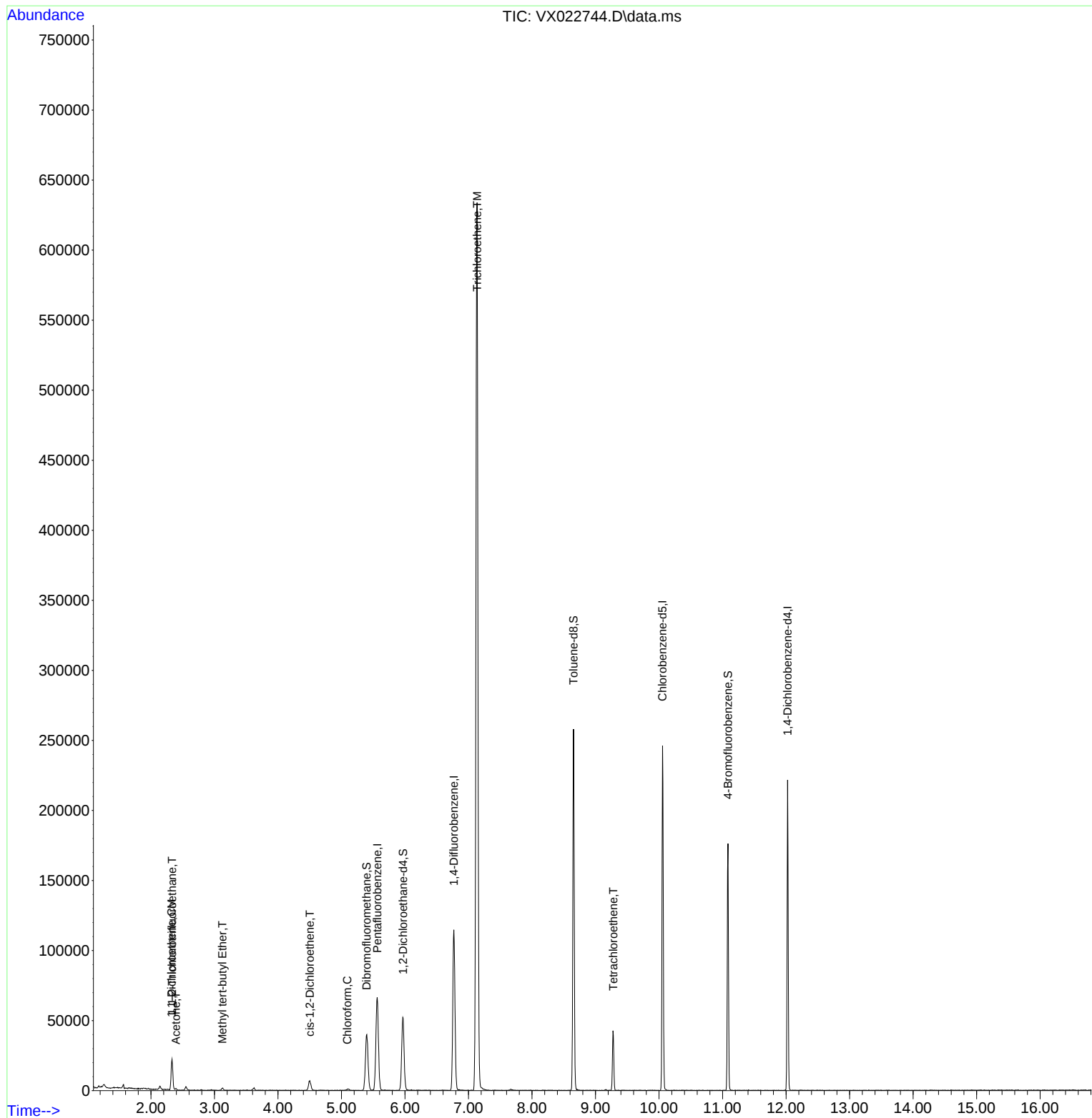
Internal Standards						
1) Pentafluorobenzene	5.562	168	55640	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	48383	48.351	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.700%
35) Dibromofluoromethane	5.397	113	34292	47.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.480%
50) Toluene-d8	8.653	98	138355	48.861	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.720%
62) 4-Bromofluorobenzene	11.085	95	47624	44.470	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.940%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	7471	10.970	ug/l	87
12) 1,1-Dichloroethene	2.325	96	1711	2.533	ug/l	# 86
16) Acetone	2.392	43	859	1.917	ug/l	# 83
19) Methyl tert-butyl Ether	3.123	73	1657	0.707	ug/l	93
27) cis-1,2-Dichloroethene	4.501	96	4233	4.641	ug/l	90
30) Chloroform	5.093	83	1227	0.821	ug/l	93
44) Trichloroethene	7.135	130	219634	280.347	ug/l	93
64) Tetrachloroethene	9.281	164	7103	11.135	ug/l	92

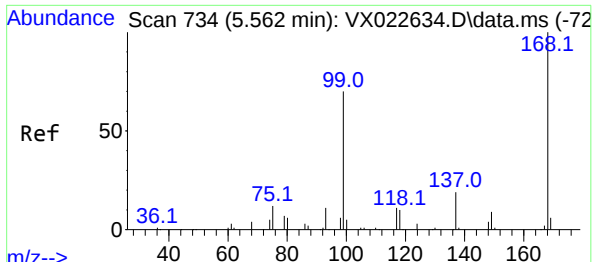
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

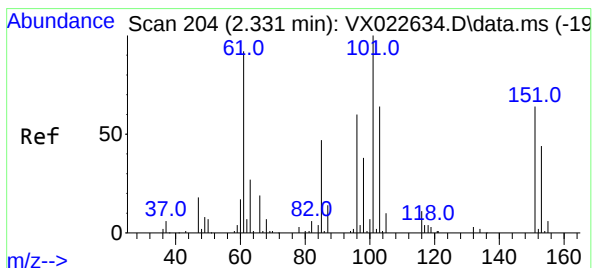
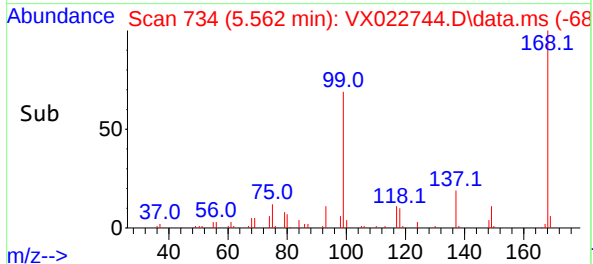
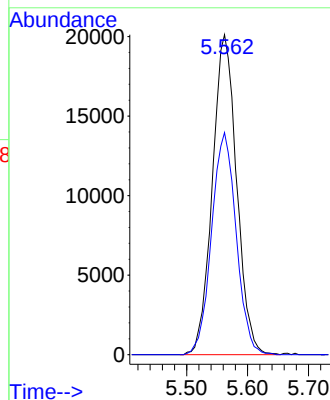
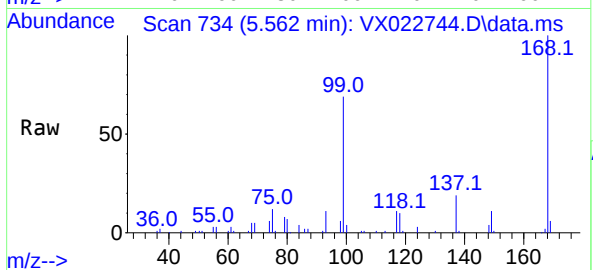




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

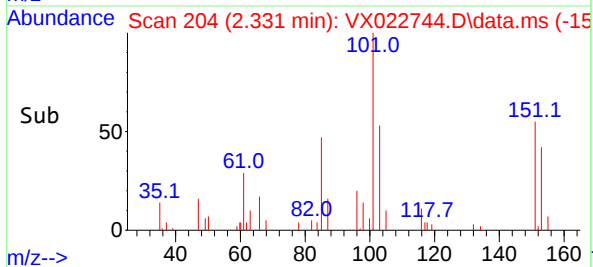
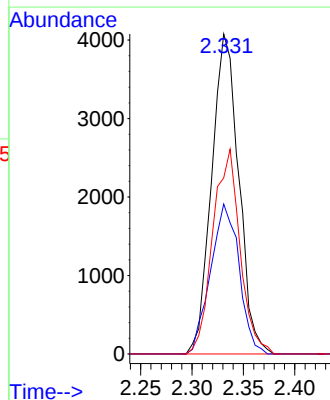
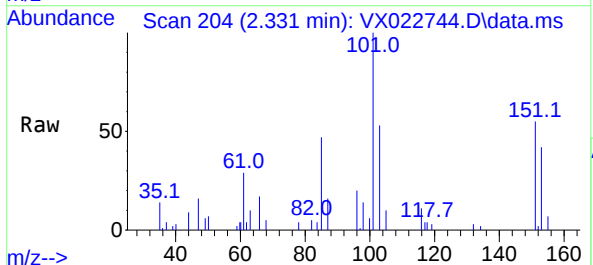
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

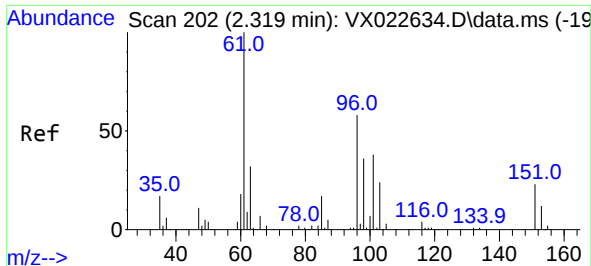
Tgt Ion:168 Resp: 55640
Ion Ratio Lower Upper
168 100
99 69.4 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.970 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion:101 Resp: 7471
Ion Ratio Lower Upper
101 100
85 49.3 34.9 52.3
151 64.2 61.4 92.2





#12

1,1-Dichloroethene

Concen: 2.533 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022744.D

Acq: 17 Jun 2021 16:39

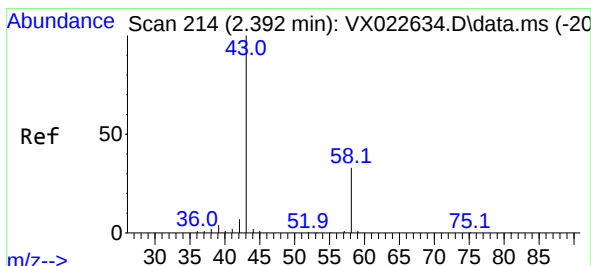
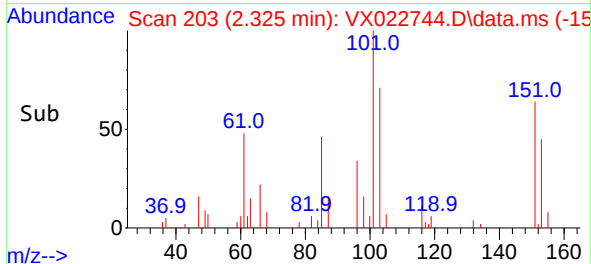
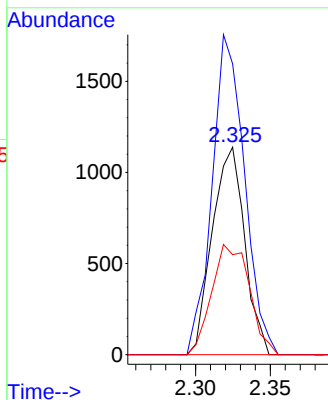
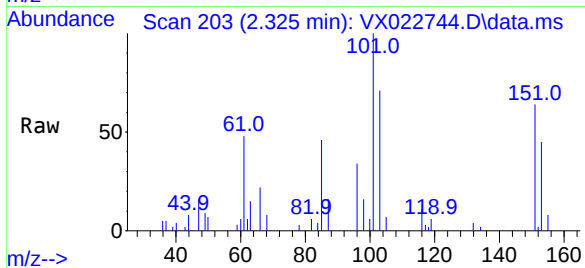
Tgt Ion: 96 Resp: 1711

Ion Ratio Lower Upper

96 100

61 140.1 124.6 187.0

98 48.2 50.6 76.0#



#16

Acetone

Concen: 1.917 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX022744.D

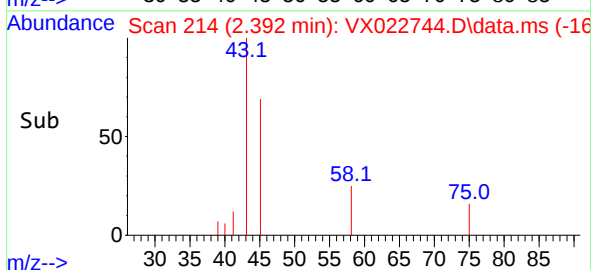
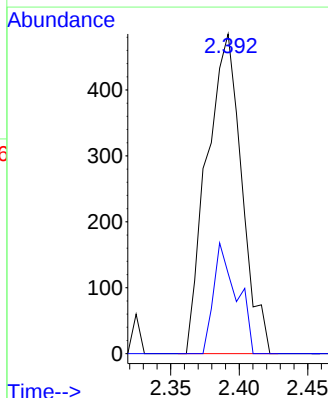
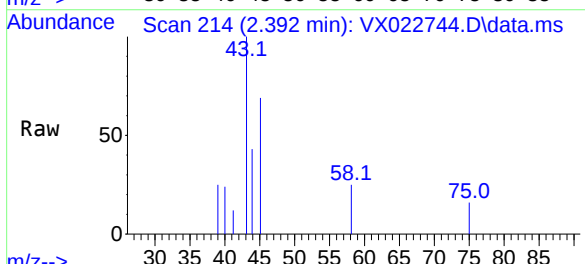
Acq: 17 Jun 2021 16:39

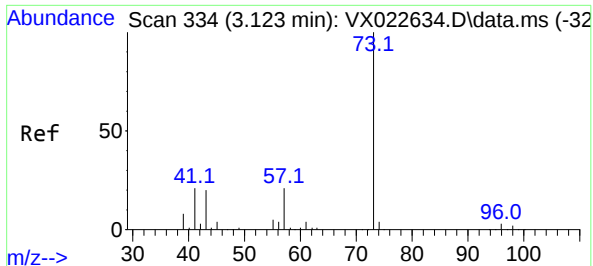
Tgt Ion: 43 Resp: 859

Ion Ratio Lower Upper

43 100

58 25.2 27.8 41.8#



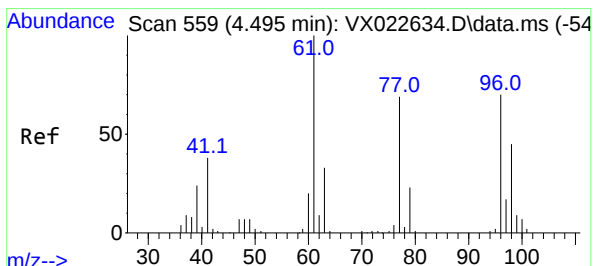
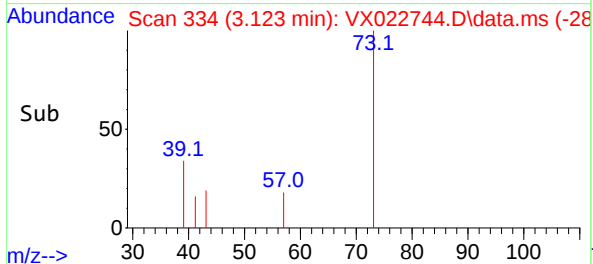
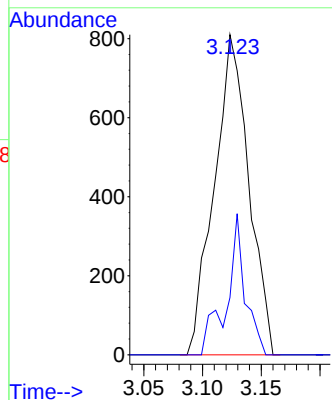
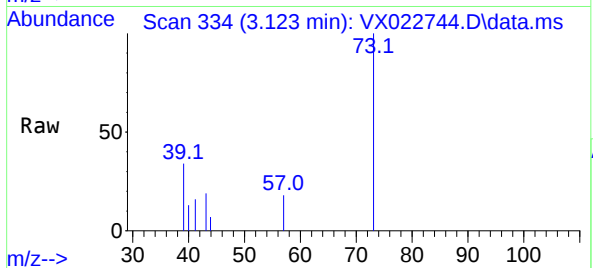


#19

Methyl tert-butyl Ether
Concen: 0.707 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

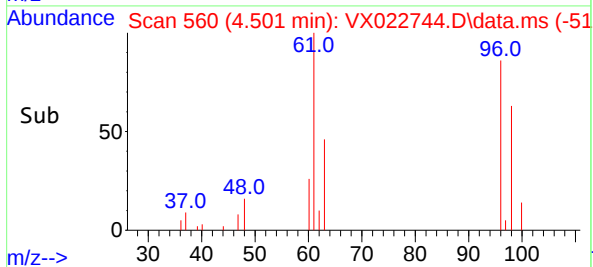
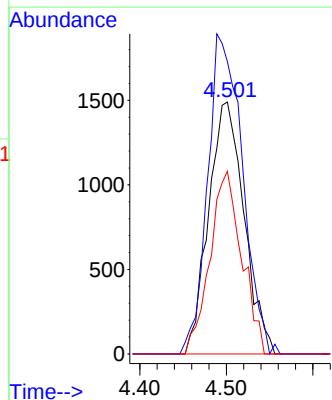
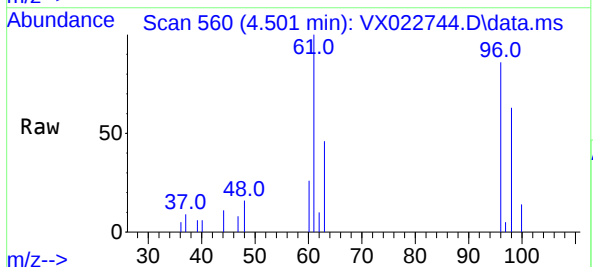
Tgt Ion: 73 Resp: 1657
Ion Ratio Lower Upper
73 100
57 17.9 17.1 25.7

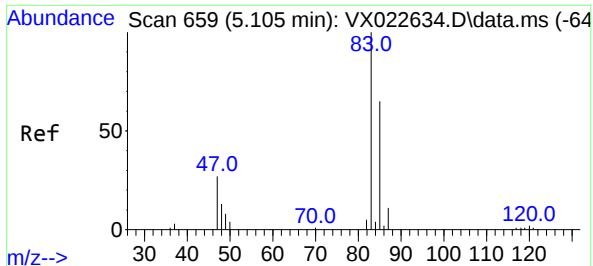


#27

cis-1,2-Dichloroethene
Concen: 4.641 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion: 96 Resp: 4233
Ion Ratio Lower Upper
96 100
61 124.4 0.0 285.6
98 65.3 0.0 129.6





#30

Chloroform

Concen: 0.821 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.012 min

Lab File: VX022744.D

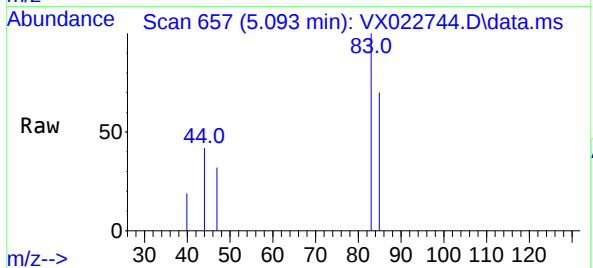
Acq: 17 Jun 2021 16:39

Tgt Ion: 83 Resp: 1227

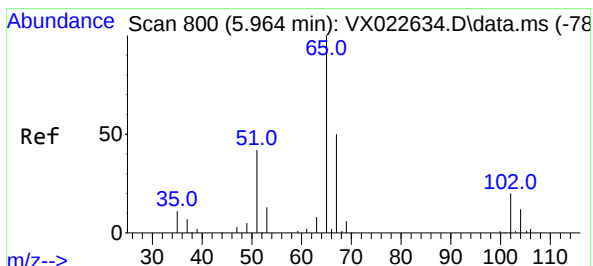
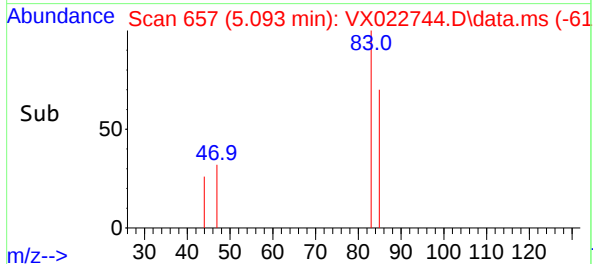
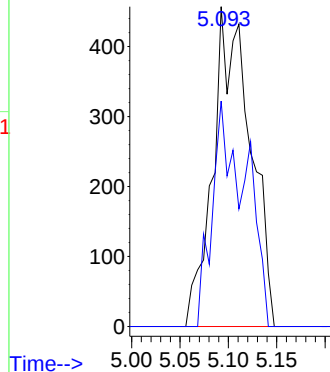
Ion Ratio Lower Upper

83 100

85 70.5 52.0 78.0



Abundance



#33

1,2-Dichloroethane-d4

Concen: 48.351 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX022744.D

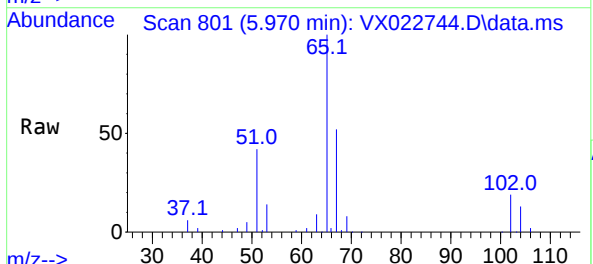
Acq: 17 Jun 2021 16:39

Tgt Ion: 65 Resp: 48383

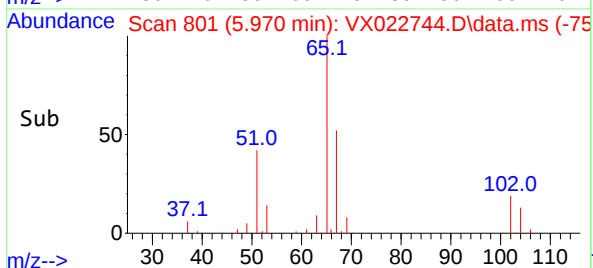
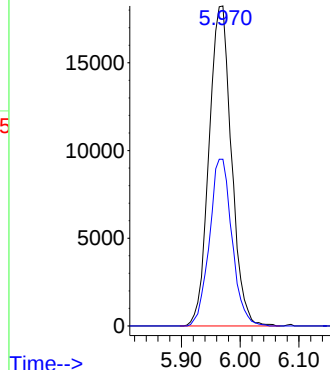
Ion Ratio Lower Upper

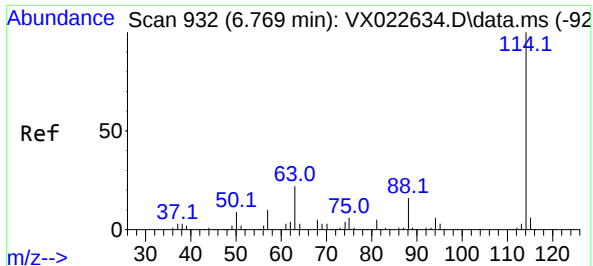
65 100

67 52.3 0.0 105.4



Abundance



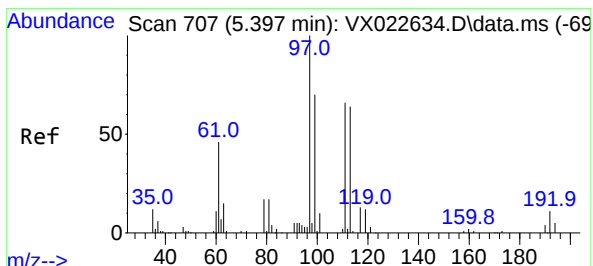
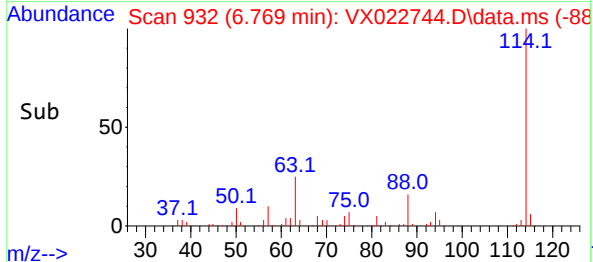
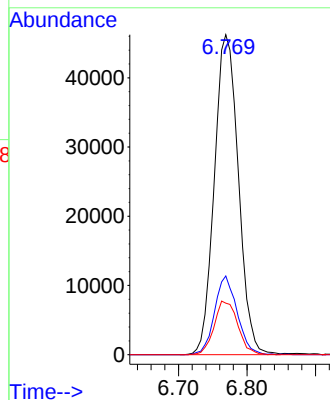
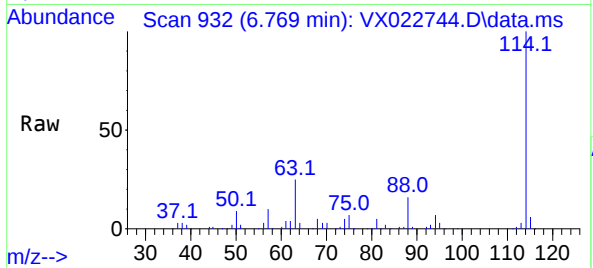


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

Tgt Ion:114 Resp: 112583

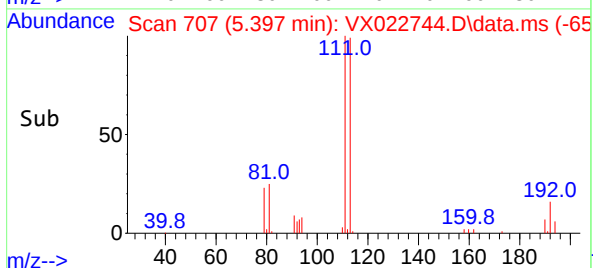
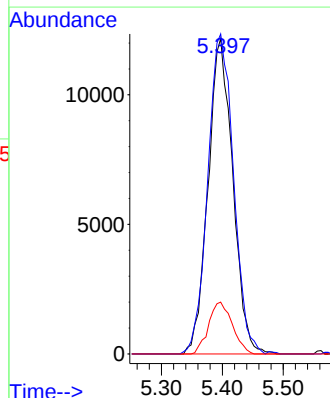
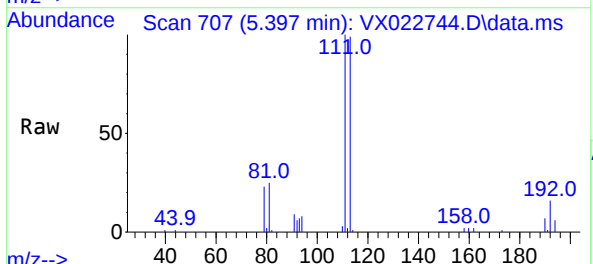
Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	40.8
88	16.1	0.0	32.8

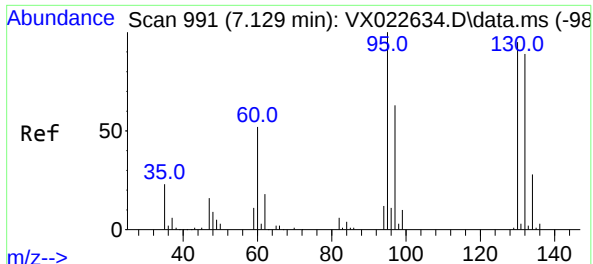


#35
Dibromofluoromethane
Concen: 47.740 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion:113 Resp: 34292

Ion	Ratio	Lower	Upper
113	100		
111	105.7	81.9	122.9
192	15.8	16.7	25.1

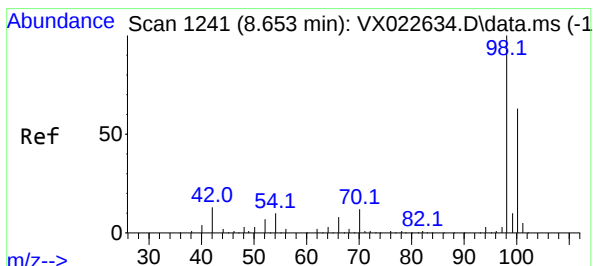
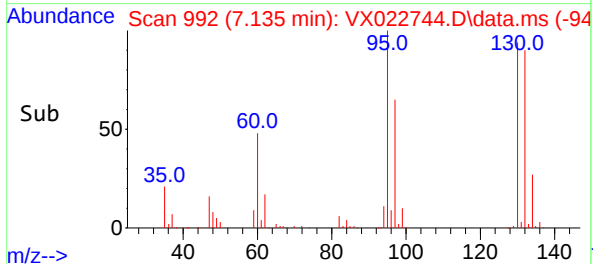
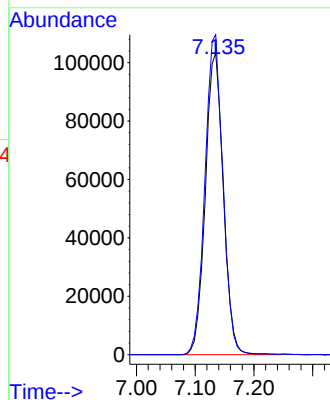
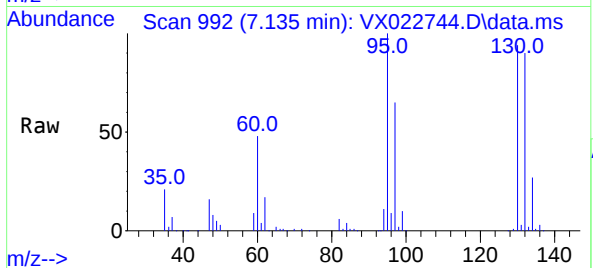




#44
Trichloroethene
Concen: 280.347 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

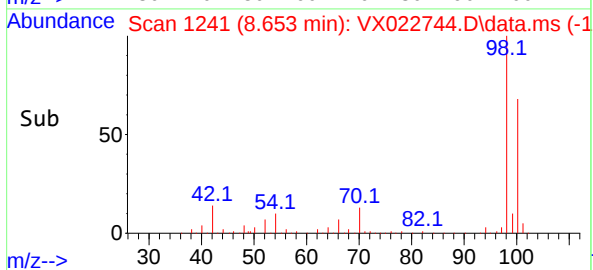
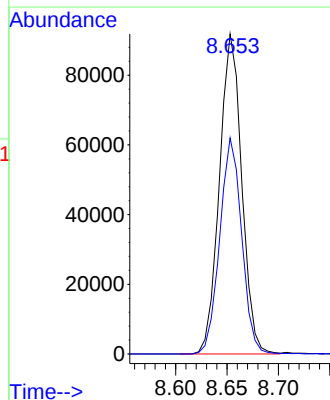
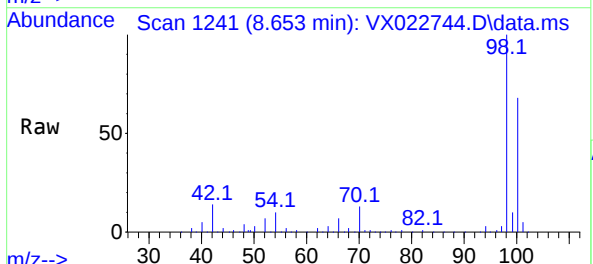
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

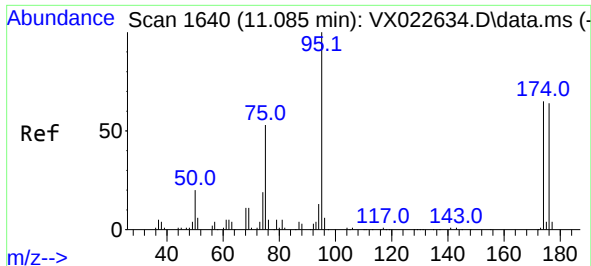
Tgt Ion:130 Resp: 219634
Ion Ratio Lower Upper
130 100
95 106.0 0.0 198.0



#50
Toluene-d8
Concen: 48.861 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion: 98 Resp: 138355
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

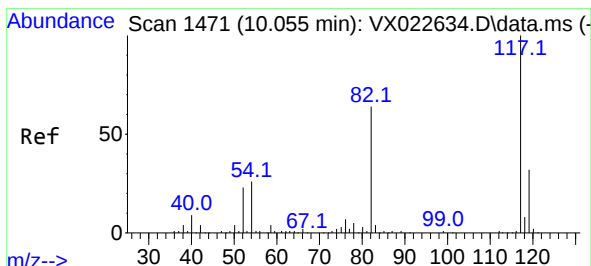
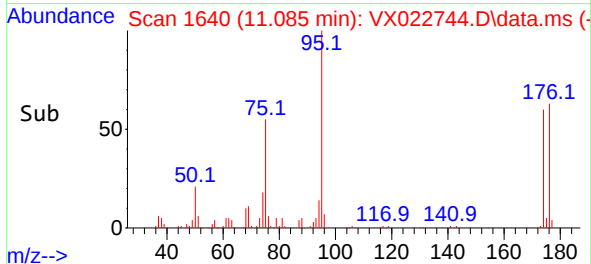
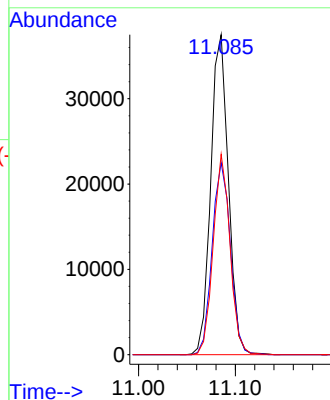
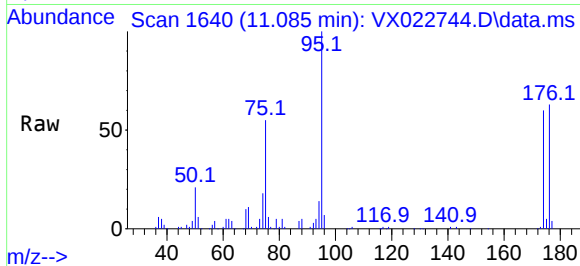




#62
4-Bromofluorobenzene
Concen: 44.470 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

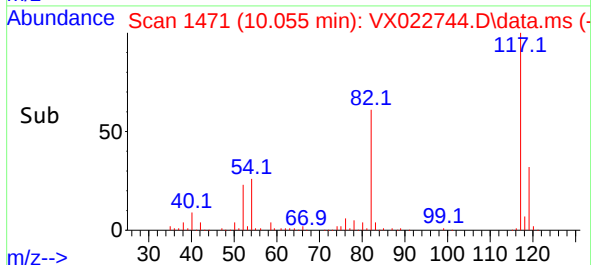
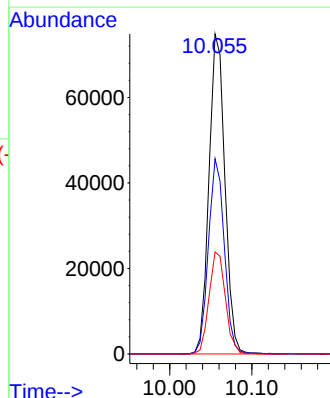
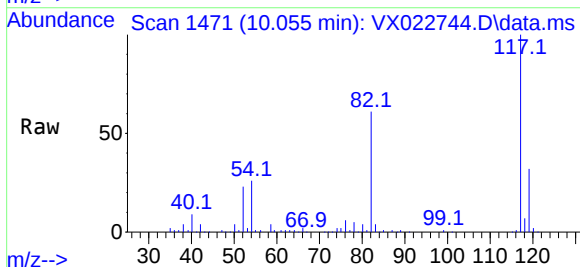
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

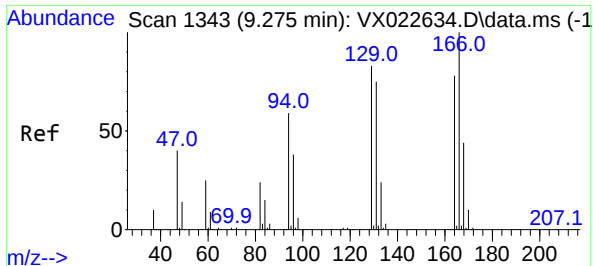
Tgt Ion: 95 Resp: 47624
Ion Ratio Lower Upper
95 100
174 62.2 0.0 154.6
176 59.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion: 117 Resp: 100872
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 31.9 26.6 39.8



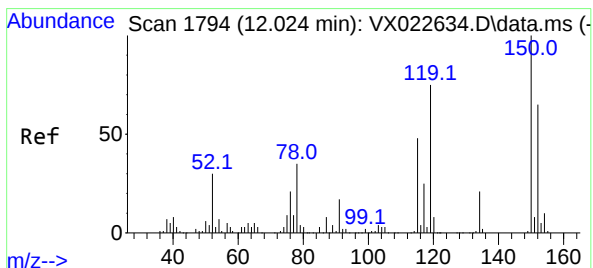
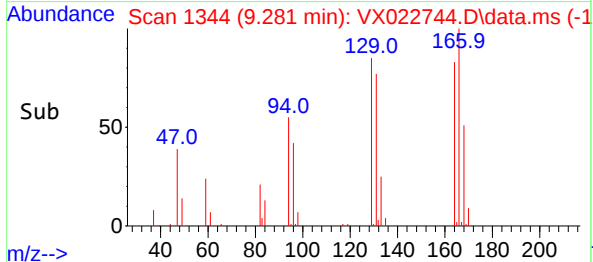
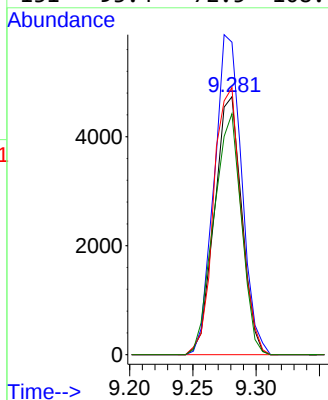
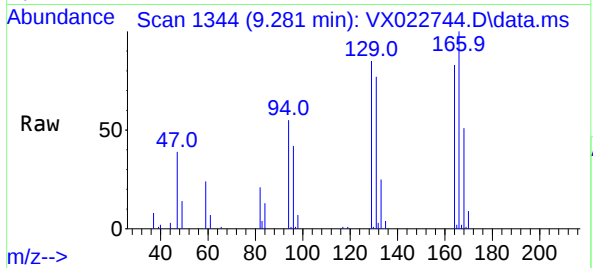


#64
Tetrachloroethene
Concen: 11.135 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

Tgt Ion:164 Resp: 7103

Ion	Ratio	Lower	Upper
164	100		
166	121.2	103.4	155.2
129	103.5	70.8	106.2
131	93.4	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: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion:152 Resp: 38632

Ion	Ratio	Lower	Upper
152	100		
115	66.3	41.1	123.3
150	153.9	0.0	349.0

