

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022806.D
 Acq On : 21 Jun 2021 19:44
 Operator : JC/MD
 Sample : M2783-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20210617

Quant Time: Jun 22 01:16:27 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)

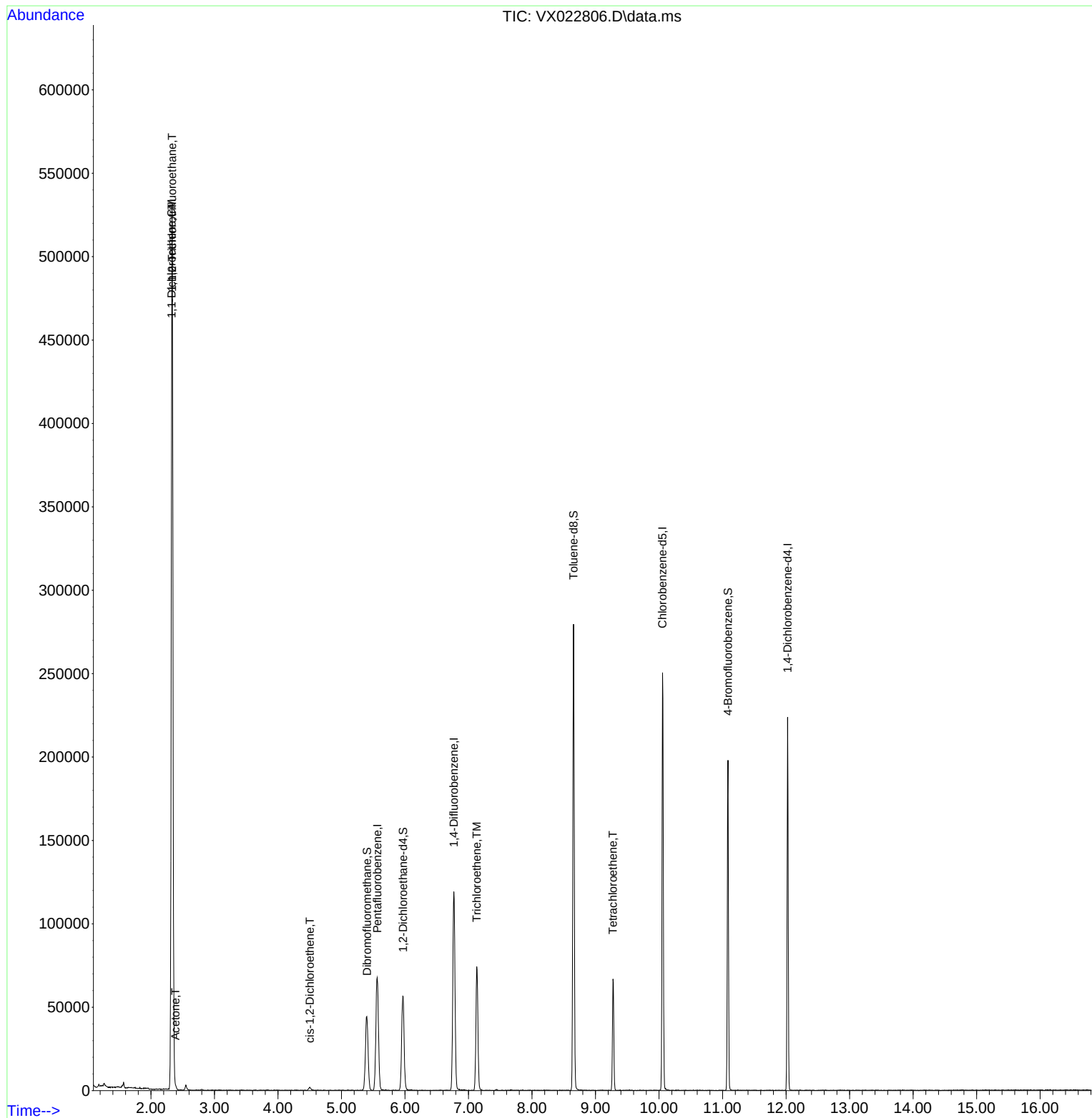
Internal Standards						
1) Pentafluorobenzene	5.562	168	57264	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	117109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	54796	53.206	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.420%	
35) Dibromofluoromethane	5.403	113	38747	51.857	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.720%	
50) Toluene-d8	8.653	98	152137	51.652	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.300%	
62) 4-Bromofluorobenzene	11.085	95	52264	46.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.840%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	205271	292.849	ug/l	90
12) 1,1-Dichloroethene	2.325	96	1500	2.158	ug/l	90
16) Acetone	2.386	43	1250	2.711	ug/l	# 84
27) cis-1,2-Dichloroethene	4.501	96	1158	1.234	ug/l	86
44) Trichloroethene	7.129	130	26754	32.830	ug/l	96
64) Tetrachloroethene	9.275	164	10741	16.206	ug/l	88

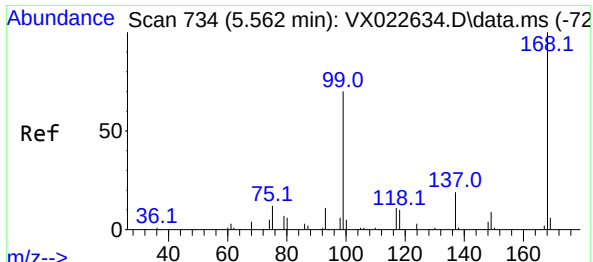
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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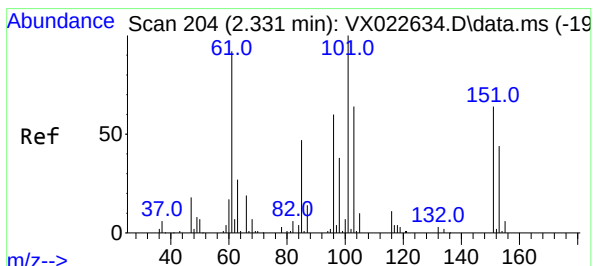
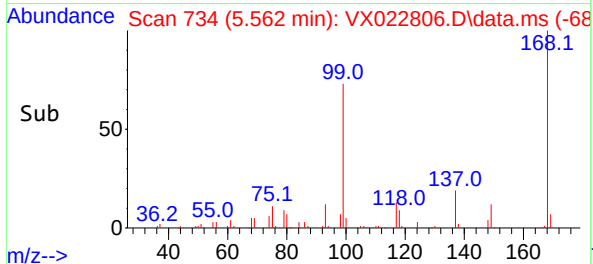
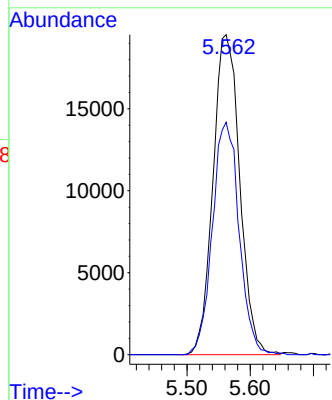
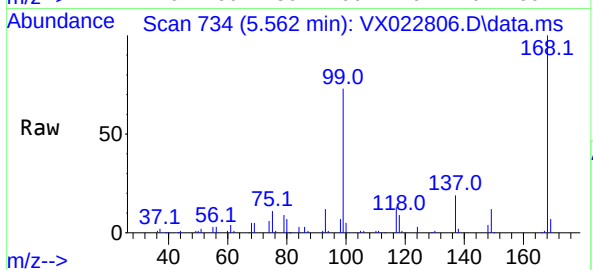




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

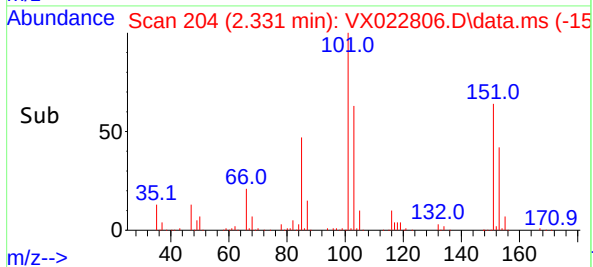
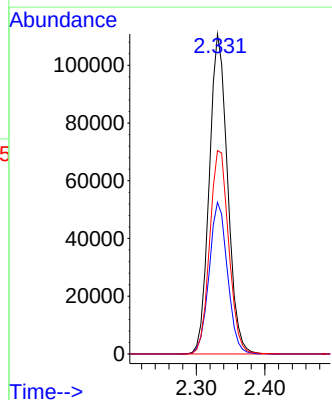
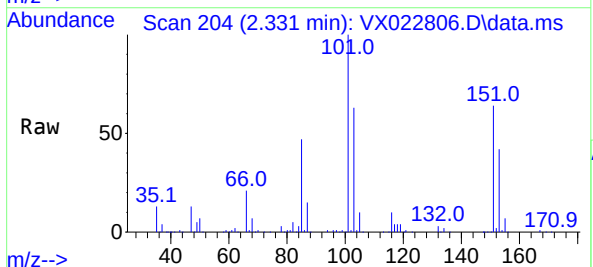
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210617

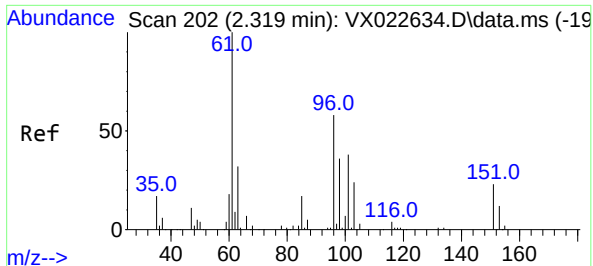
Tgt Ion:168 Resp: 57264
Ion Ratio Lower Upper
168 100
99 72.7 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 292.849 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Tgt Ion:101 Resp: 205271
Ion Ratio Lower Upper
101 100
85 47.5 34.9 52.3
151 66.3 61.4 92.2





#12

1,1-Dichloroethene

Concen: 2.158 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022806.D

Acq: 21 Jun 2021 19:44

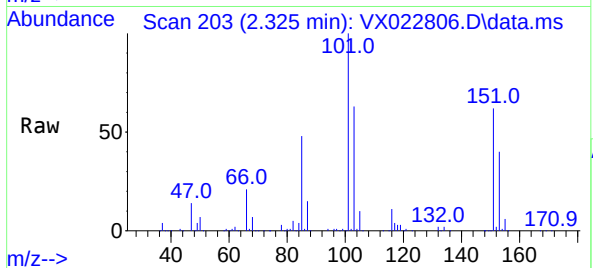
Tgt Ion: 96 Resp: 1500

Ion Ratio Lower Upper

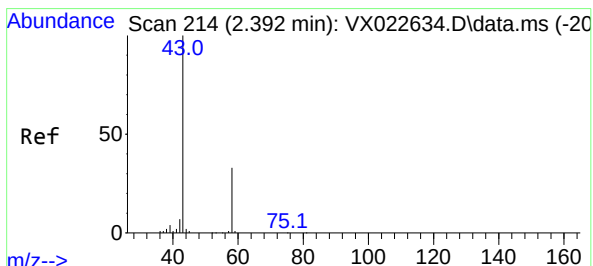
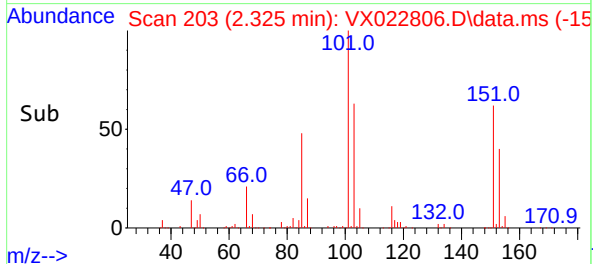
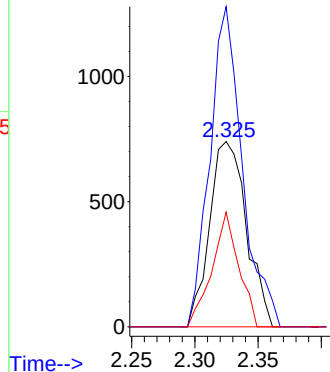
96 100

61 172.8 124.6 187.0

98 61.9 50.6 76.0



Abundance



#16

Acetone

Concen: 2.711 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022806.D

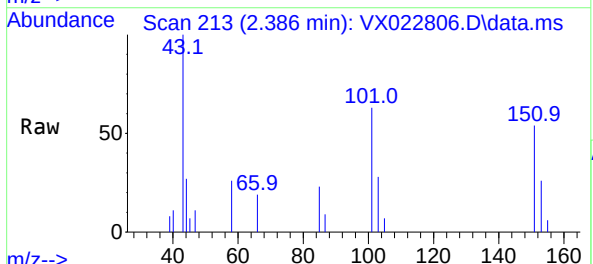
Acq: 21 Jun 2021 19:44

Tgt Ion: 43 Resp: 1250

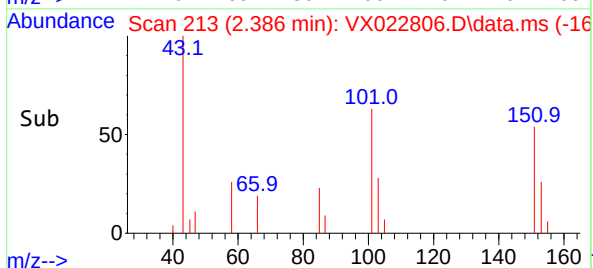
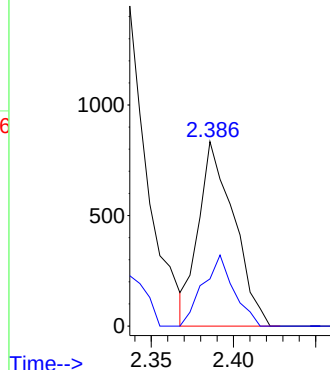
Ion Ratio Lower Upper

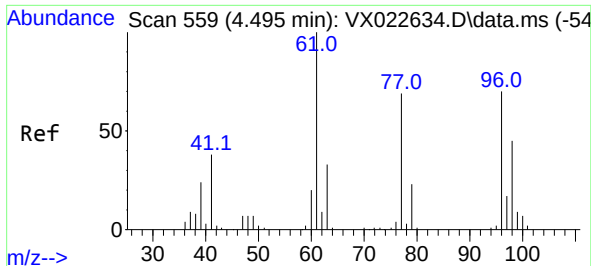
43 100

58 25.5 27.8 41.8#



Abundance



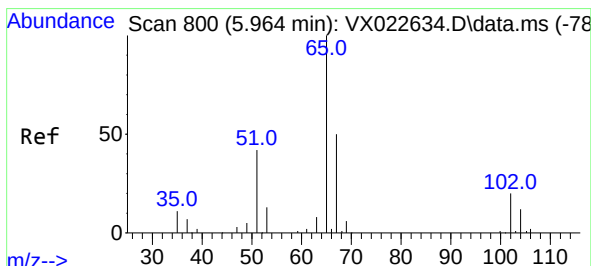
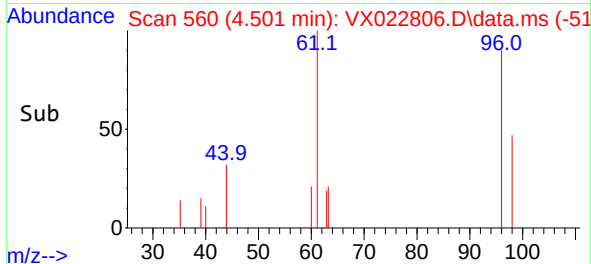
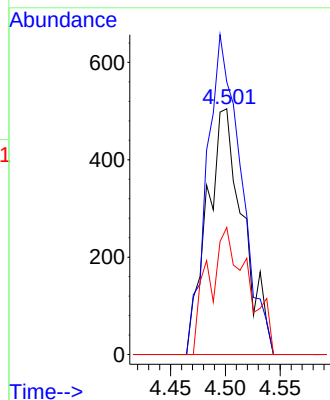
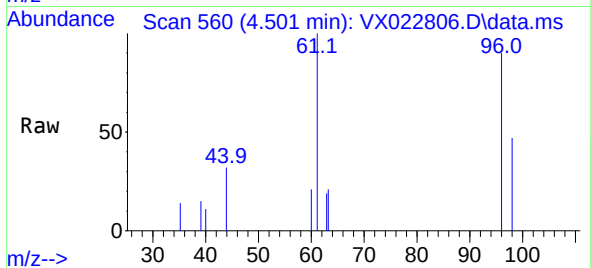


#27

cis-1,2-Dichloroethene
Concen: 1.234 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210617

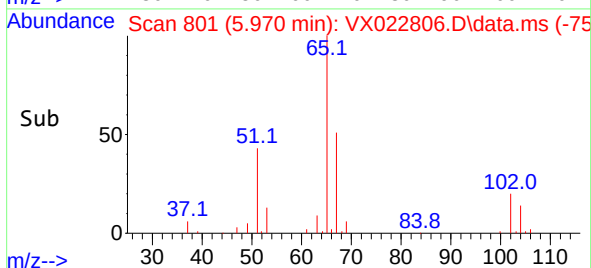
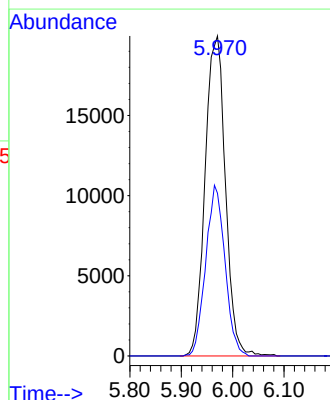
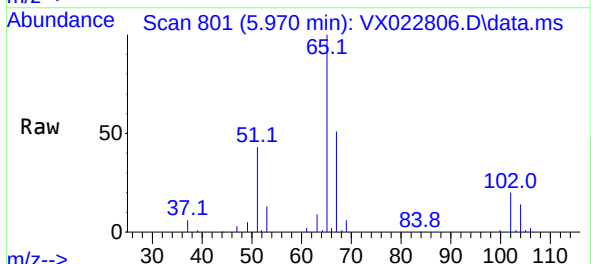
Tgt Ion: 96 Resp: 1158
Ion Ratio Lower Upper
96 100
61 122.9 0.0 285.6
98 56.6 0.0 129.6

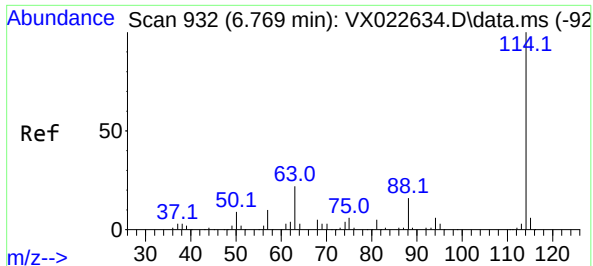


#33

1,2-Dichloroethane-d4
Concen: 53.206 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Tgt Ion: 65 Resp: 54796
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4



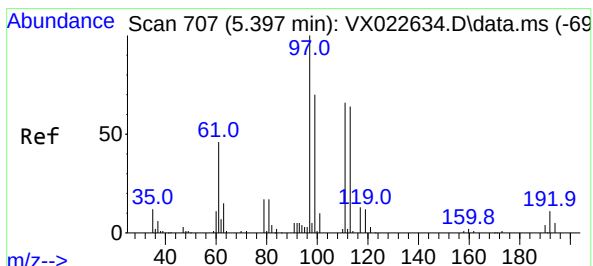
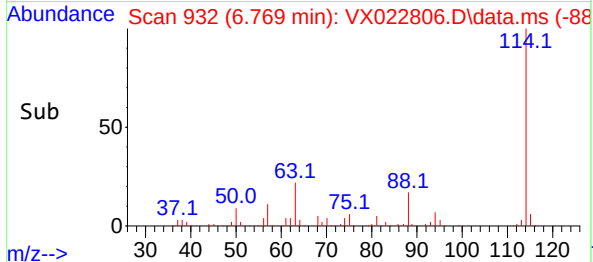
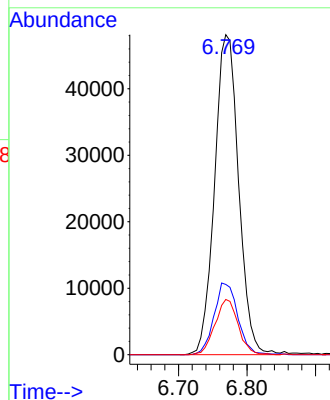
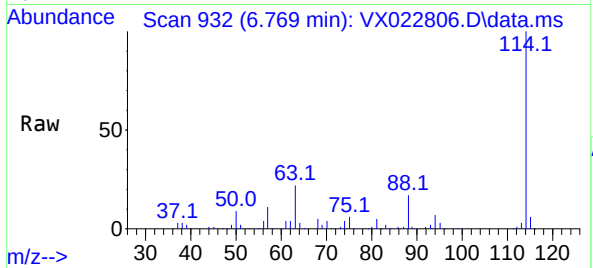


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210617

Tgt Ion:114 Resp: 117109

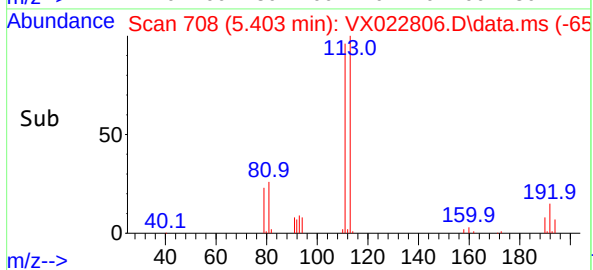
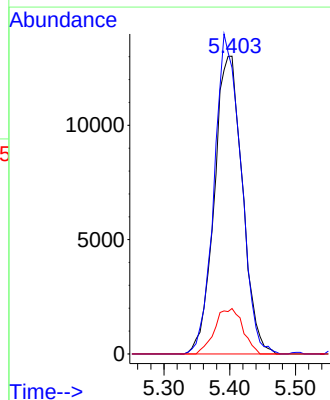
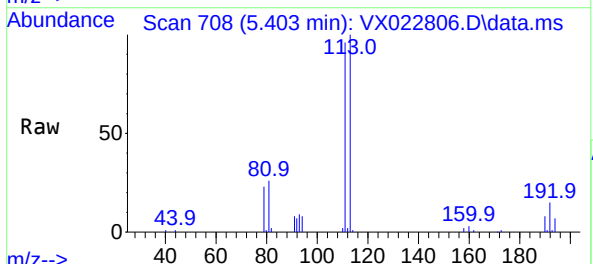
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	40.8
88	17.3	0.0	32.8

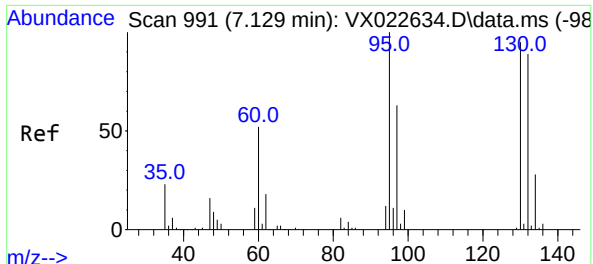


#35
Dibromofluoromethane
Concen: 51.857 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.012 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Tgt Ion:113 Resp: 38747

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	15.1	16.7	25.1

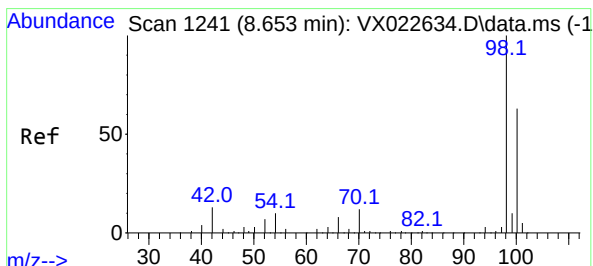
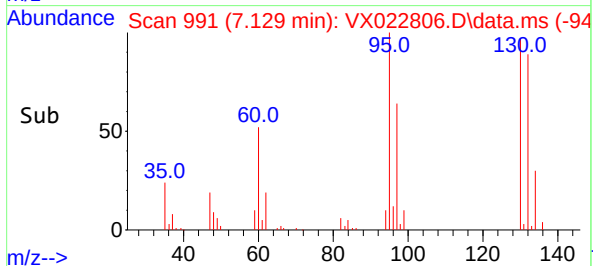
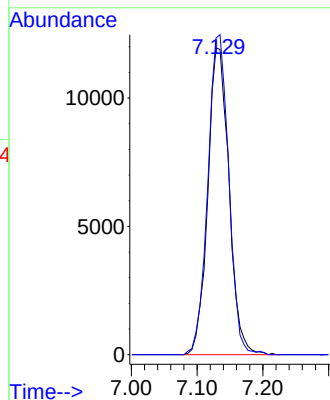
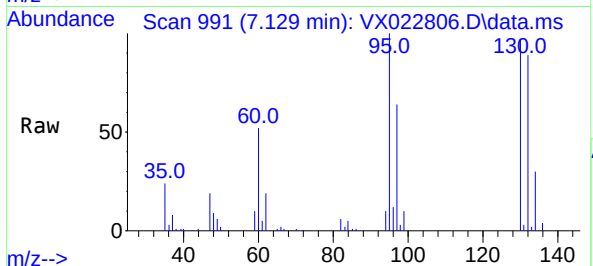




#44
Trichloroethene
Concen: 32.830 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

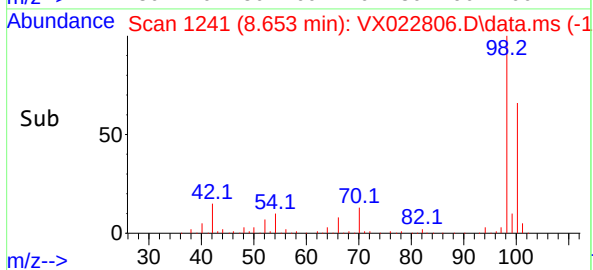
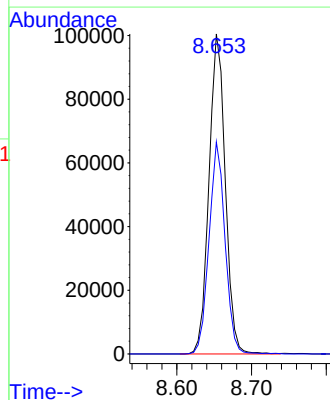
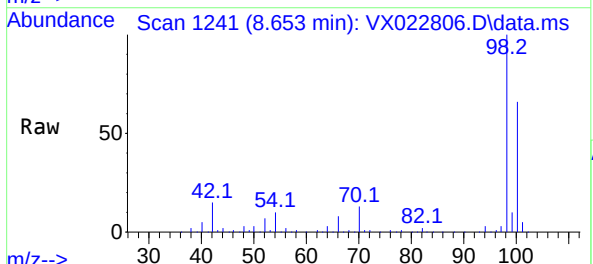
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210617

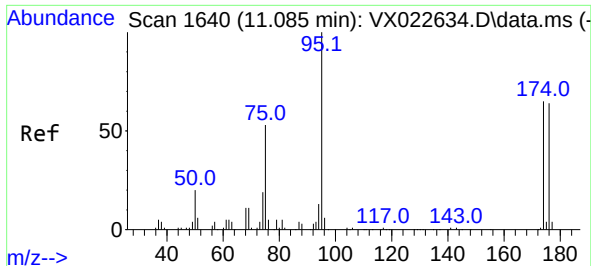
Tgt Ion:130 Resp: 26754
Ion Ratio Lower Upper
130 100
95 103.2 0.0 198.0



#50
Toluene-d8
Concen: 51.652 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Tgt Ion: 98 Resp: 152137
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

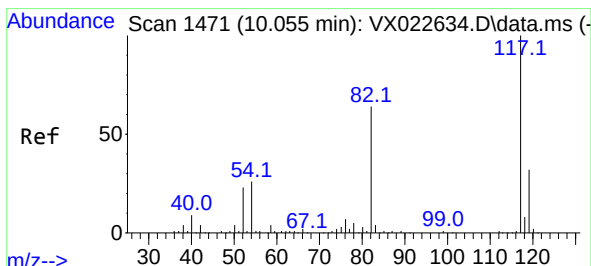
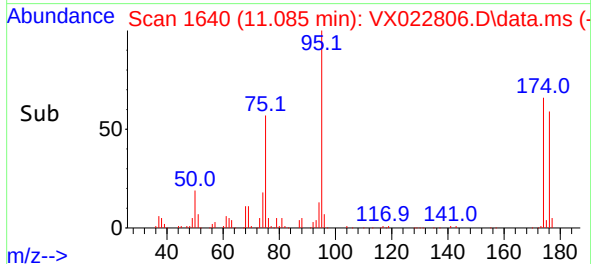
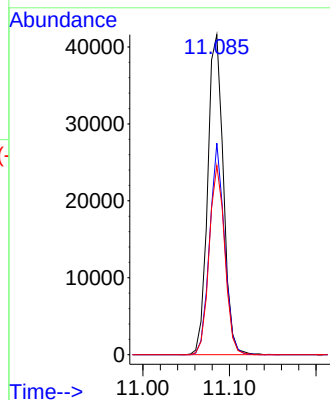
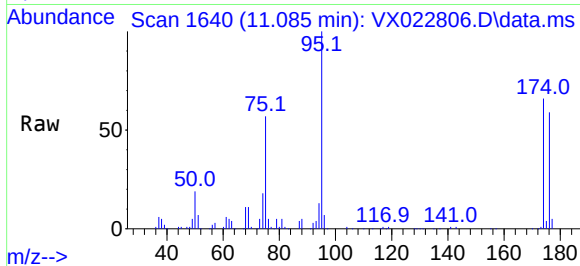




#62
4-Bromofluorobenzene
Concen: 46.917 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

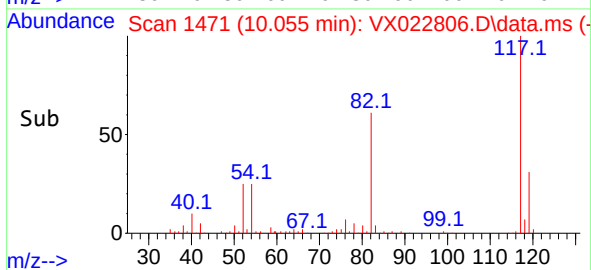
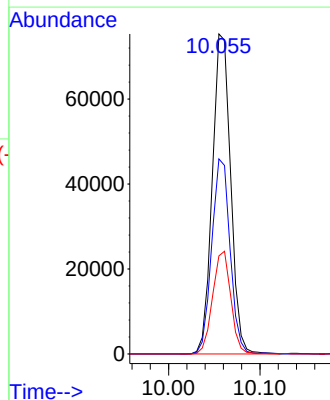
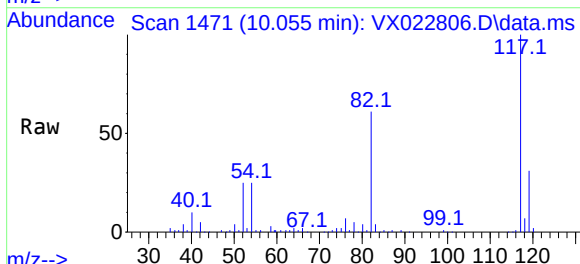
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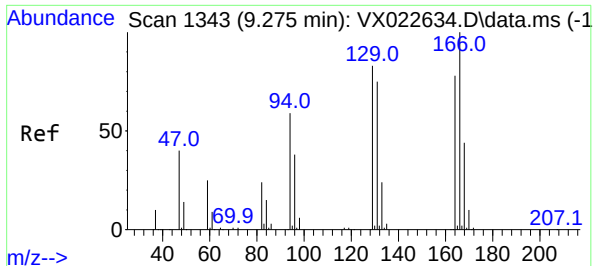
Tgt Ion: 95 Resp: 52264
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 58.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Tgt Ion: 117 Resp: 104803
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 30.7 26.6 39.8



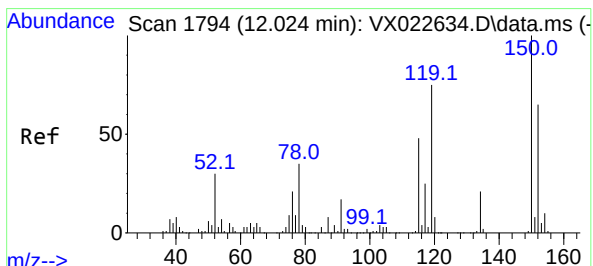
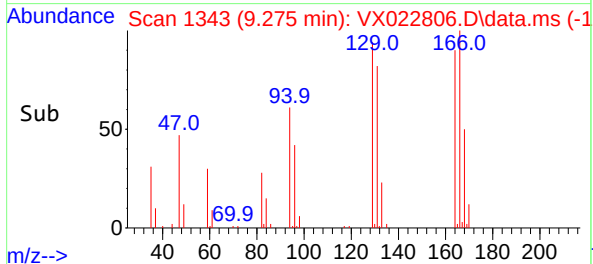
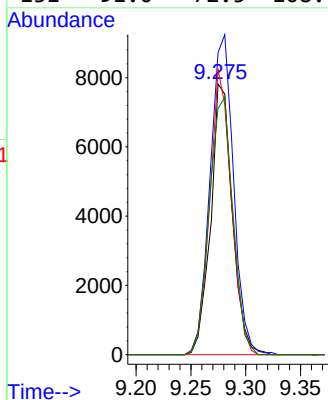
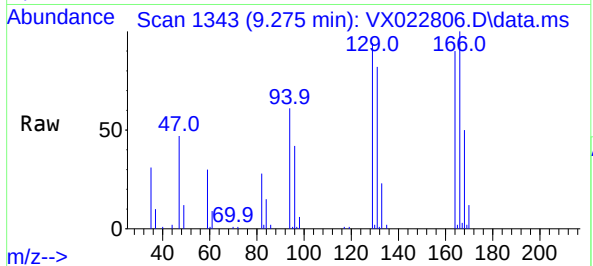


#64
Tetrachloroethene
Concen: 16.206 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210617

Tgt Ion:164 Resp: 10741

Ion	Ratio	Lower	Upper
164	100		
166	111.5	103.4	155.2
129	105.2	70.8	106.2
131	91.0	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: VX022806.D
Acq: 21 Jun 2021 19:44

Tgt Ion:152 Resp: 38864

Ion	Ratio	Lower	Upper
152	100		
115	65.1	41.1	123.3
150	161.2	0.0	349.0

