

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021359.D
 Acq On : 22 Mar 2021 15:36
 Operator : JC/MD
 Sample : M1735-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20210316

Quant Time: Mar 23 02:01:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

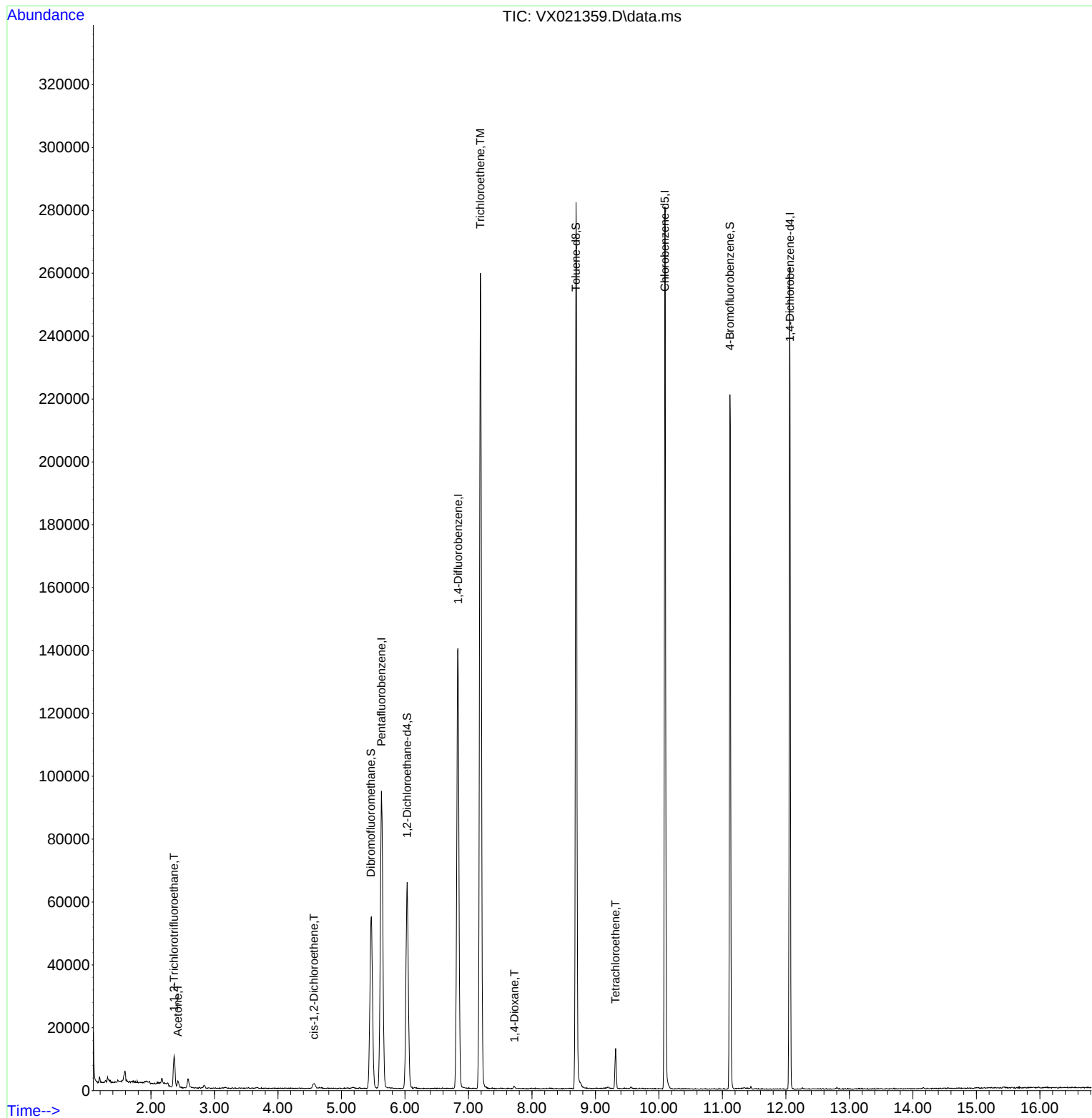
Internal Standards						
1) Pentafluorobenzene	5.629	168	80282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	131299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	47688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	63275	48.05	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.10%
35) Dibromofluoromethane	5.464	113	44712	50.04	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.08%
50) Toluene-d8	8.694	98	162390	50.09	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.18%
62) 4-Bromofluorobenzene	11.118	95	57950	46.03	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.06%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.364	101	3444	4.10	ug/l	97
16) Acetone	2.423	43	2116	4.37	ug/l #	83
27) cis-1,2-Dichloroethene	4.564	96	1168	1.11	ug/l	98
44) Trichloroethene	7.188	130	92469	95.48	ug/l	99
49) 1,4-Dioxane	7.723	88	459	9.12	ug/l #	78
64) Tetrachloroethene	9.318	164	2056	2.38	ug/l #	89

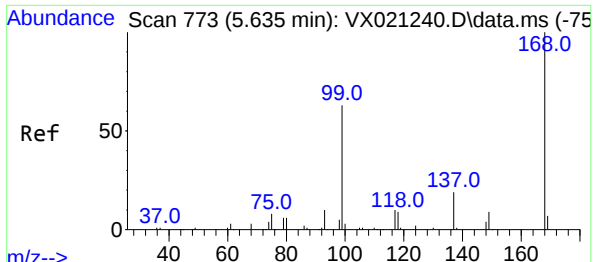
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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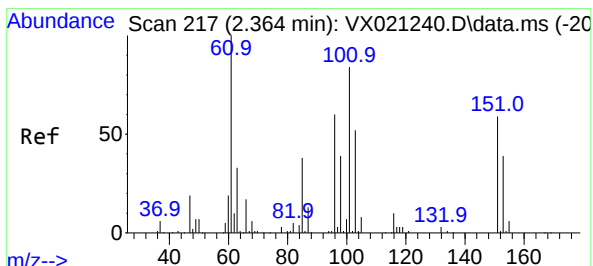
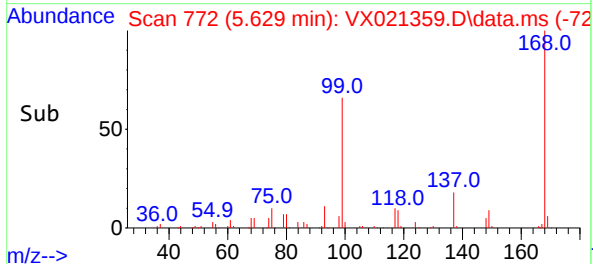
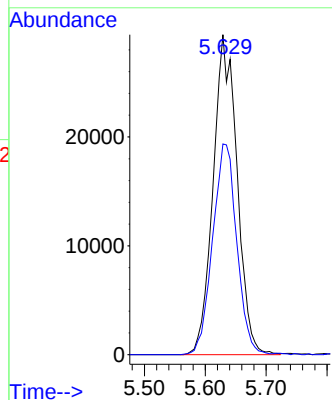
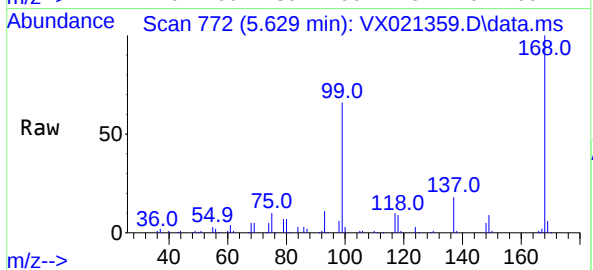




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021359.D
Acq: 22 Mar 2021 15:36

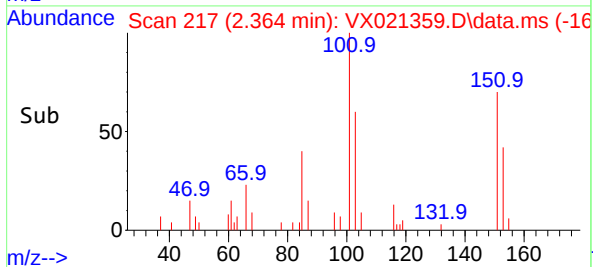
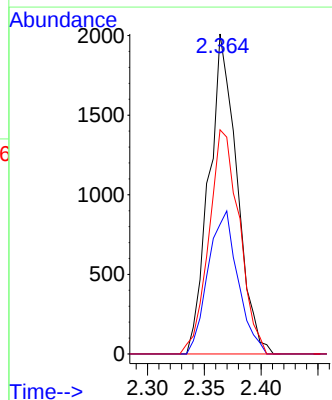
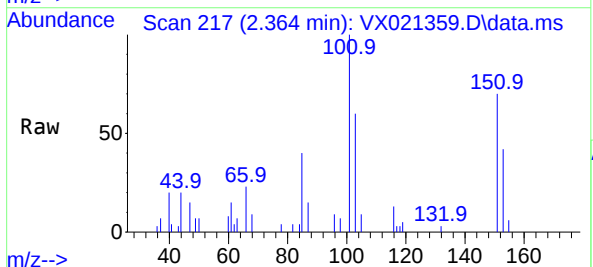
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210316

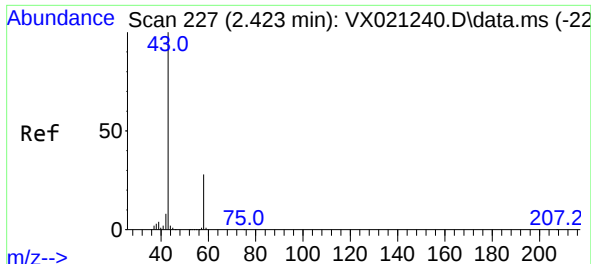
Tgt Ion:168 Resp: 80282
Ion Ratio Lower Upper
168 100
99 65.9 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.10 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX021359.D
Acq: 22 Mar 2021 15:36

Tgt Ion:101 Resp: 3444
Ion Ratio Lower Upper
101 100
85 47.7 34.9 52.3
151 76.2 61.4 92.2

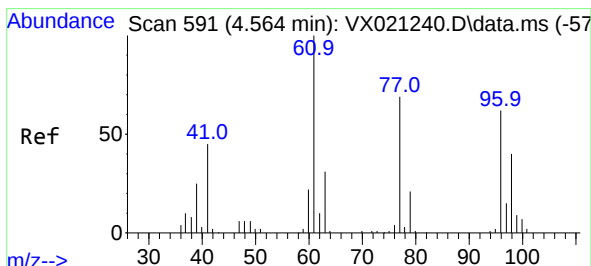
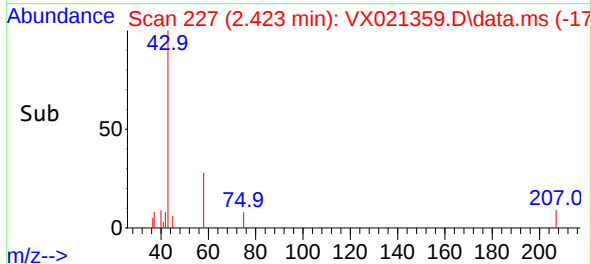
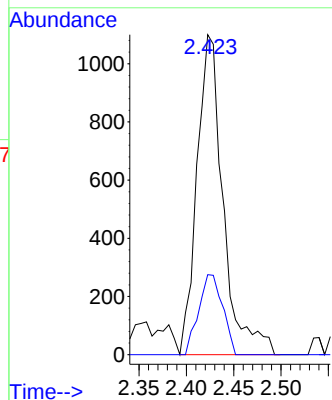
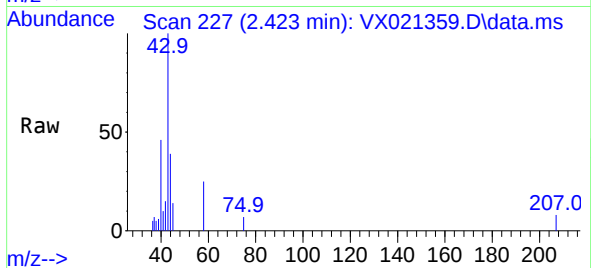




#16
Acetone
Concen: 4.37 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021359.D
Acq: 22 Mar 2021 15:36

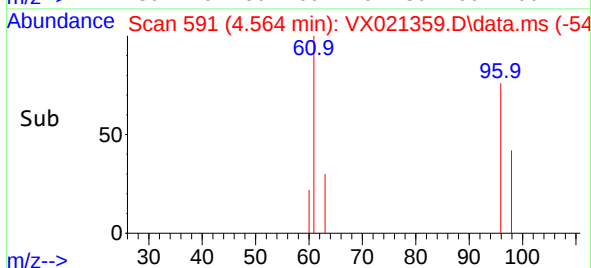
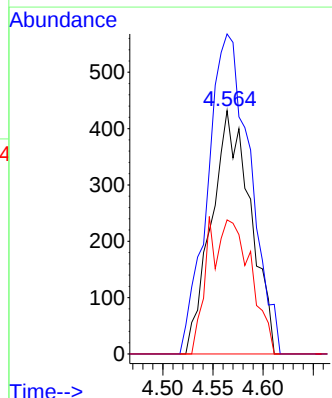
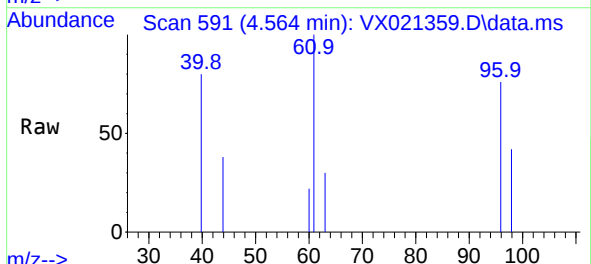
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210316

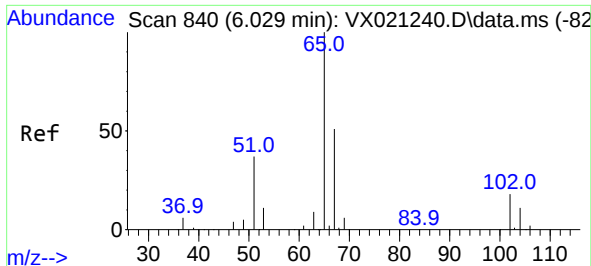
Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
58 25.0 27.8 41.8#



#27
cis-1,2-Dichloroethene
Concen: 1.11 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.000 min
Lab File: VX021359.D
Acq: 22 Mar 2021 15:36

Tgt Ion: 96 Resp: 1168
Ion Ratio Lower Upper
96 100
61 143.5 0.0 285.6
98 60.4 0.0 129.6



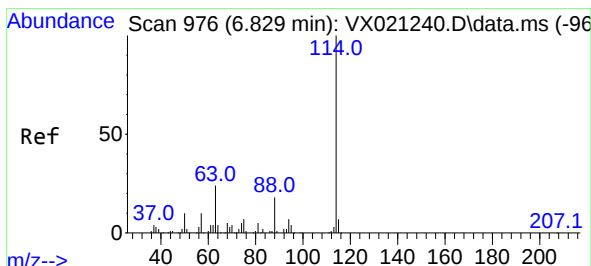
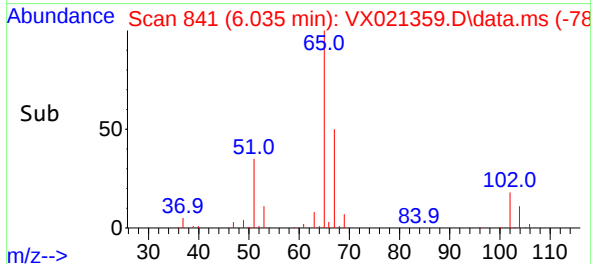
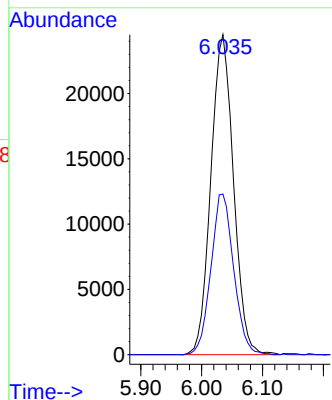
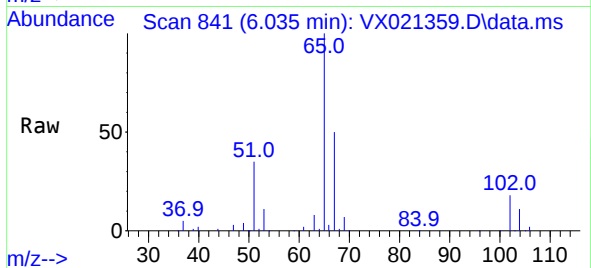


#33

1,2-Dichloroethane-d4
Concen: 48.05 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021359.D
Acq: 22 Mar 2021 15:36

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210316

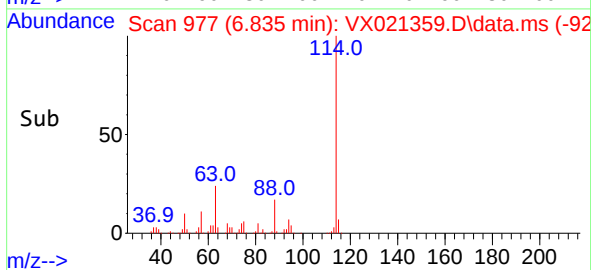
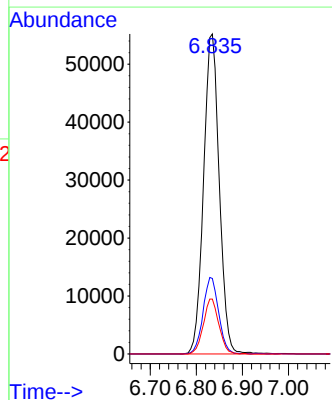
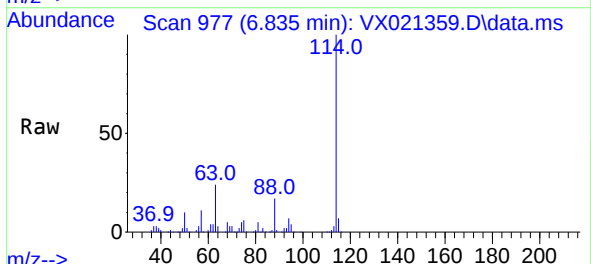
Tgt Ion: 65 Resp: 63275
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

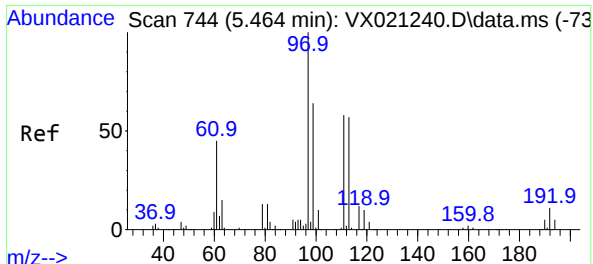


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021359.D
Acq: 22 Mar 2021 15:36

Tgt Ion: 114 Resp: 131299
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.8
88 17.2 0.0 32.8

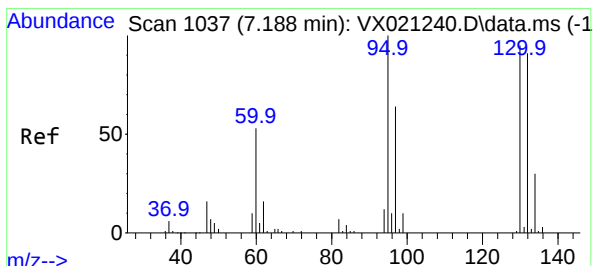
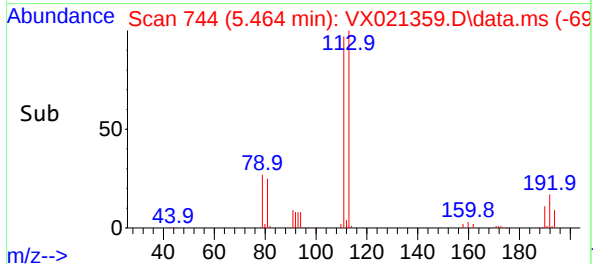
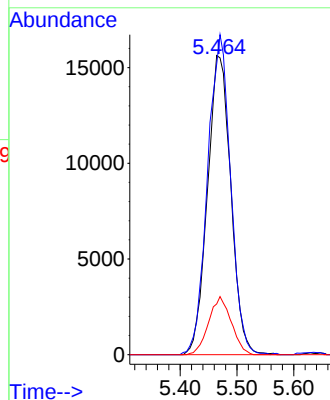
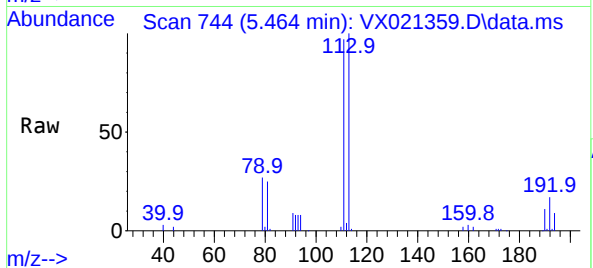




#35
Dibromofluoromethane
Concen: 50.04 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021359.D
Acq: 22 Mar 2021 15:36

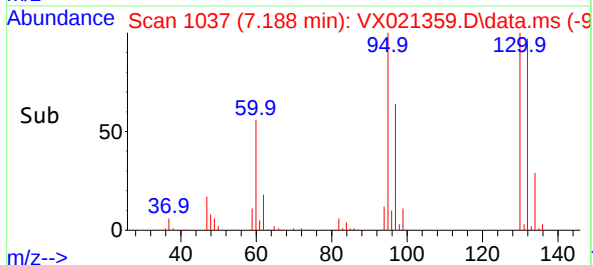
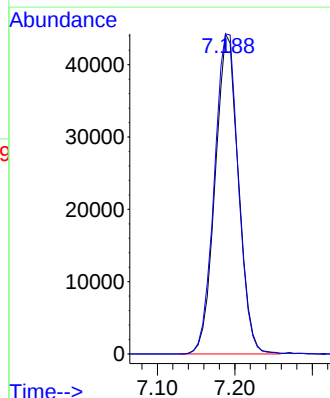
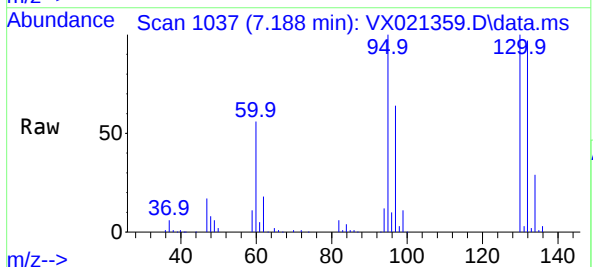
Instrument :
MSVOA_X
ClientSampleId :
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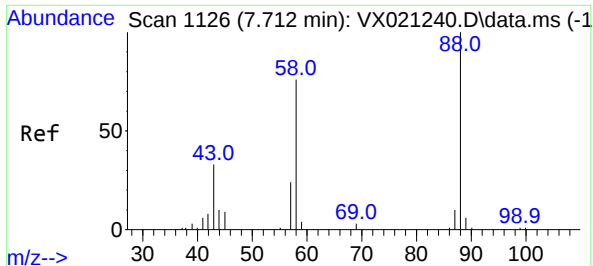
Tgt Ion:113 Resp: 44712
Ion Ratio Lower Upper
113 100
111 105.0 81.9 122.9
192 18.7 16.7 25.1



#44
Trichloroethene
Concen: 95.48 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021359.D
Acq: 22 Mar 2021 15:36

Tgt Ion:130 Resp: 92469
Ion Ratio Lower Upper
130 100
95 100.0 0.0 198.0

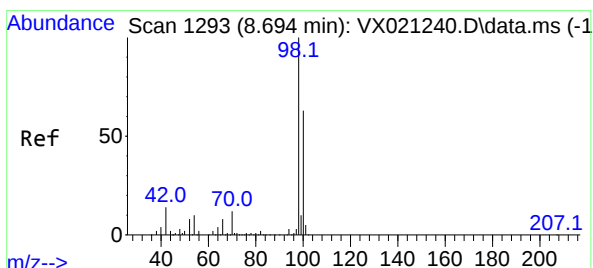
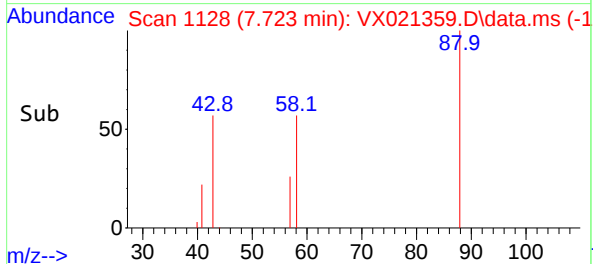
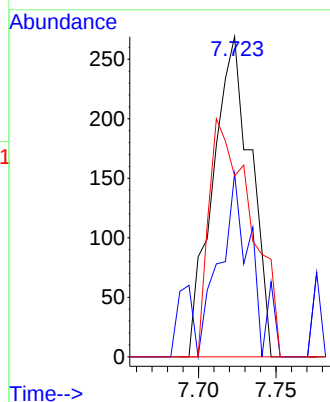
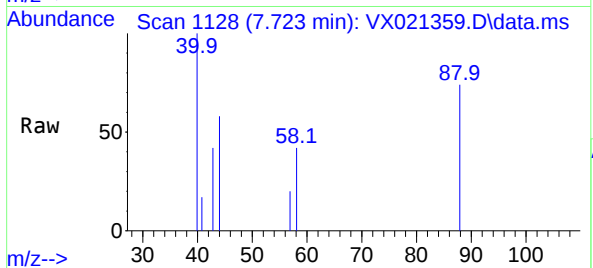




#49
1,4-Dioxane
Concen: 9.12 ug/l
RT: 7.723 min Scan# 1128
Delta R.T. 0.011 min
Lab File: VX021359.D
Acq: 22 Mar 2021 15:36

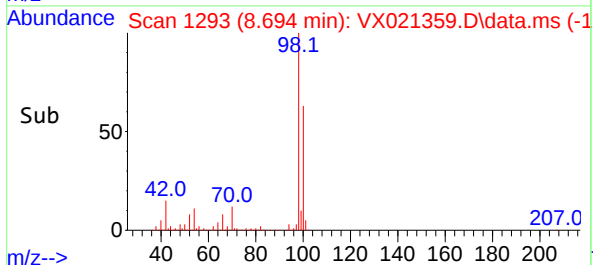
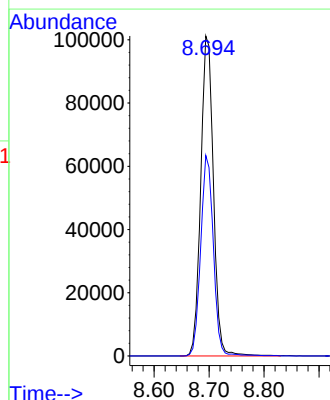
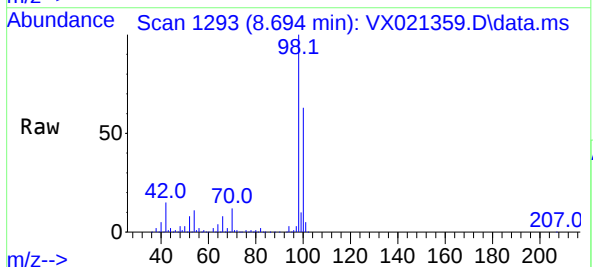
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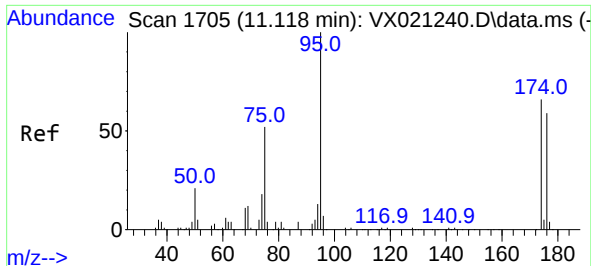
Tgt Ion:	88	Resp:	459
Ion	Ratio	Lower	Upper
88	100		
43	47.5	23.2	34.8#
58	82.4	55.0	82.4



#50
Toluene-d8
Concen: 50.09 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021359.D
Acq: 22 Mar 2021 15:36

Tgt Ion:	98	Resp:	162390
Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.9	77.9

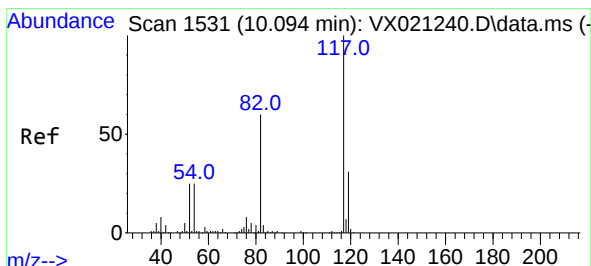
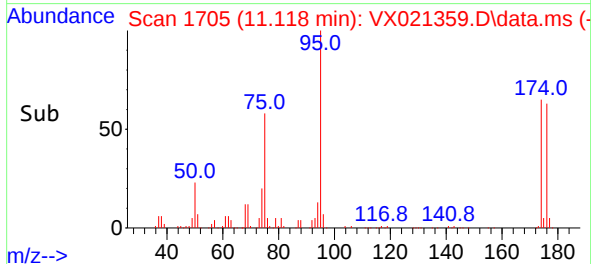
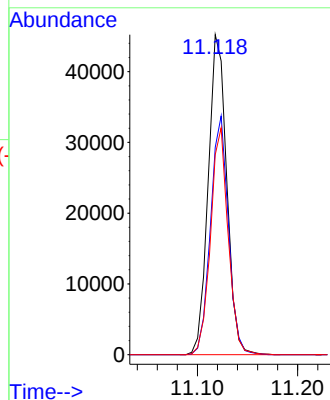
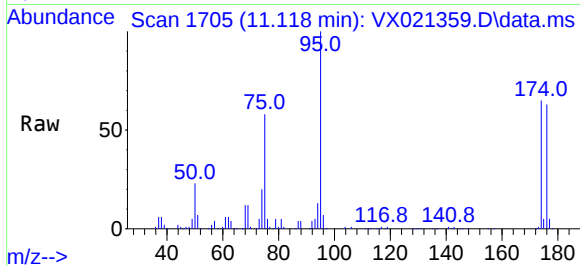




#62
4-Bromofluorobenzene
Concen: 46.03 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021359.D
Acq: 22 Mar 2021 15:36

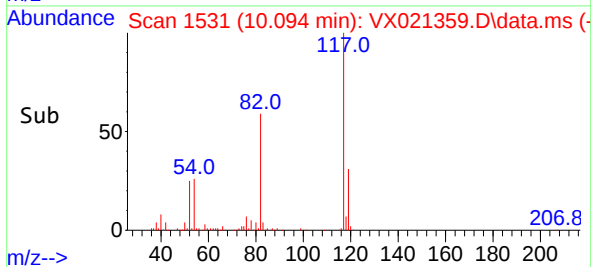
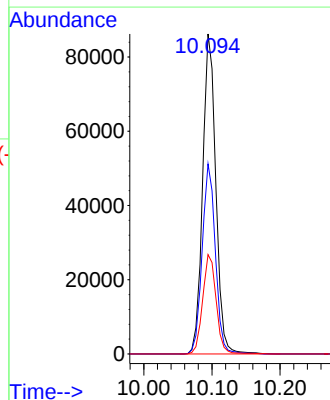
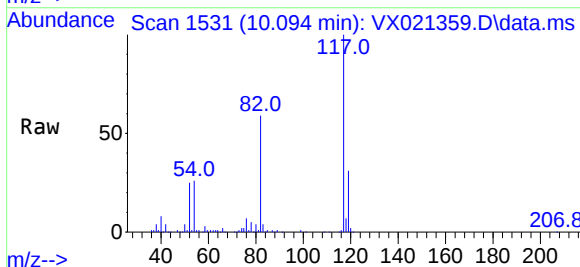
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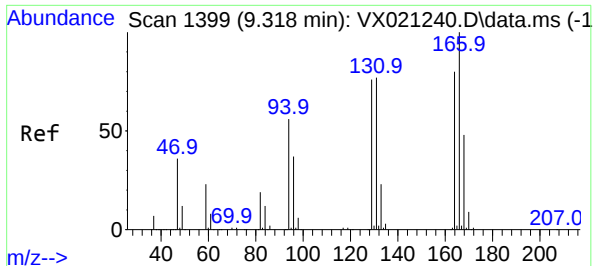
Tgt Ion: 95 Resp: 57950
Ion Ratio Lower Upper
95 100
174 72.3 0.0 154.6
176 67.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021359.D
Acq: 22 Mar 2021 15:36

Tgt Ion:117 Resp: 115874
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.1 26.6 39.8



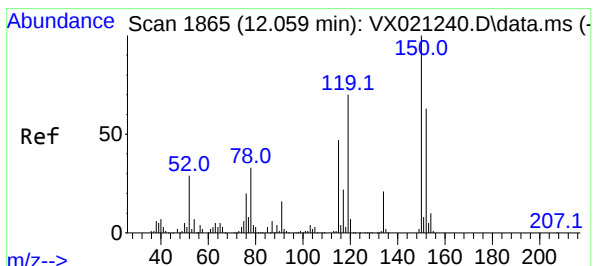
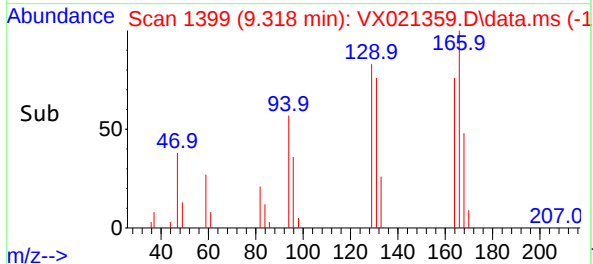
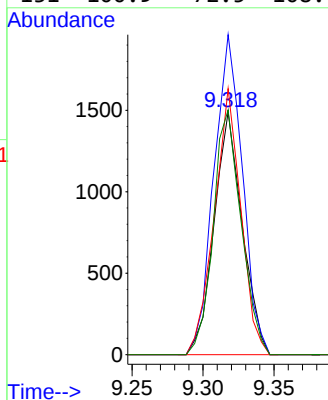
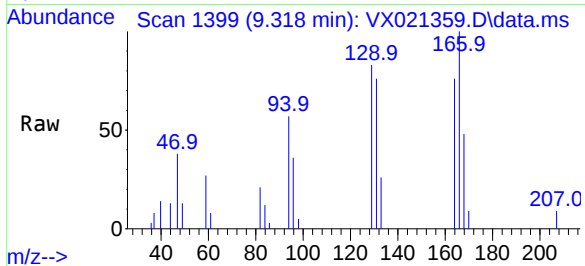


#64
Tetrachloroethene
Concen: 2.38 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021359.D
Acq: 22 Mar 2021 15:36

Instrument :
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Tgt Ion:164 Resp: 2056

Ion	Ratio	Lower	Upper
164	100		
166	131.9	103.4	155.2
129	109.7	70.8	106.2#
131	100.9	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021359.D
Acq: 22 Mar 2021 15:36

Tgt Ion:152 Resp: 47688

Ion	Ratio	Lower	Upper
152	100		
115	62.8	41.1	123.3
150	158.9	0.0	349.0

