

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
 Data File : VX019893.D
 Acq On : 11 Dec 2020 22:26
 Operator : JC/MD
 Sample : L4996-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D2-20201208

Quant Time: Dec 12 00:05:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : Sw846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

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

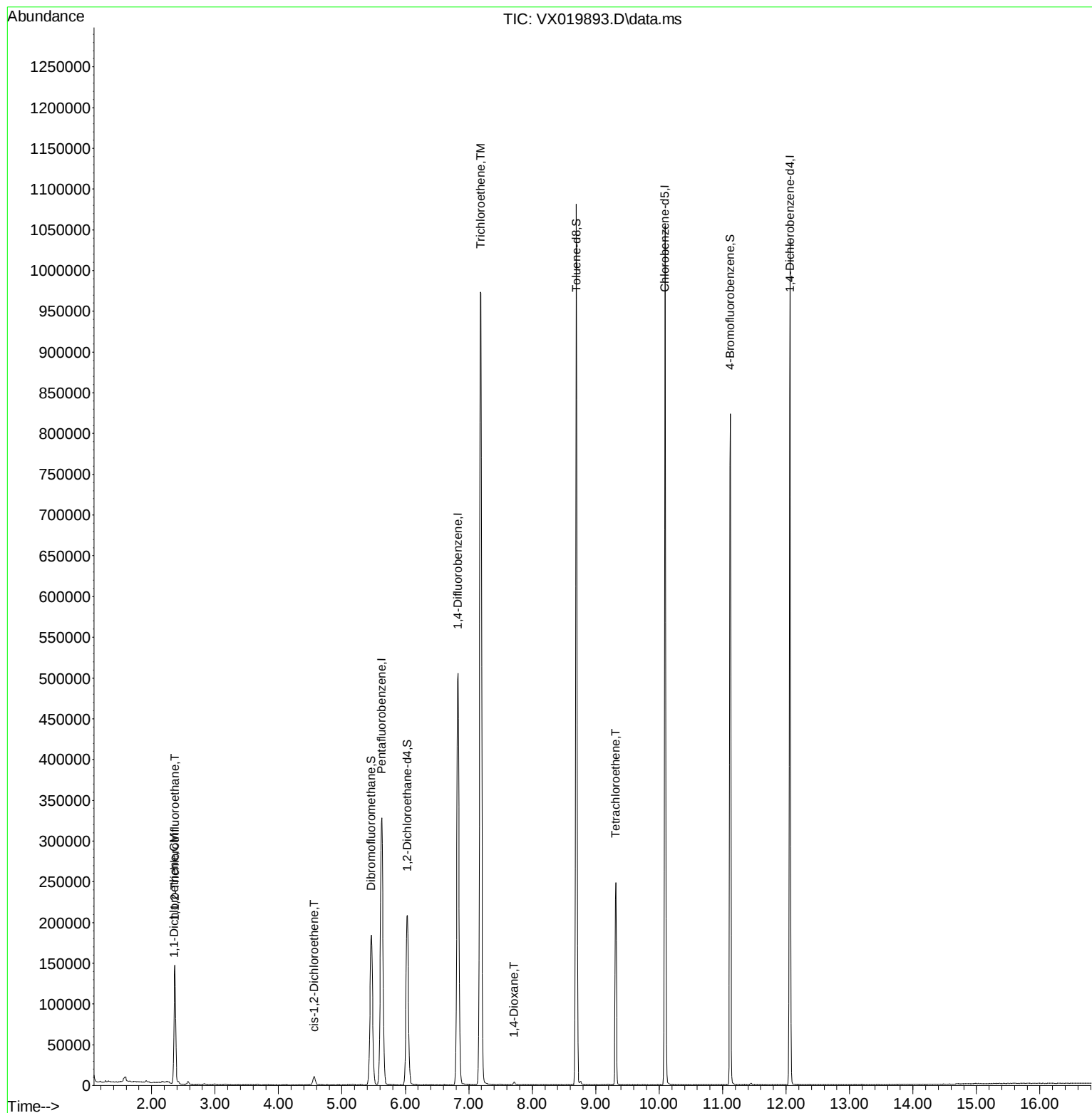
Internal Standards						
1) Pentafluorobenzene	5.629	168	316361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	531845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	485708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	212955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	199530	47.99	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	95.98%	
35) Dibromofluoromethane	5.464	113	161506	46.99	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	93.98%	
50) Toluene-d8	8.696	98	644805	49.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.122	95	227380	45.53	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	91.06%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.367	101	58780	20.50	ug/l	99
12) 1,1-Dichloroethene	2.355	96	1534	0.53	ug/l	92
27) cis-1,2-Dichloroethene	4.562	96	6783	1.72	ug/l	98
44) Trichloroethene	7.190	130	385071	99.97	ug/l	99
49) 1,4-Dioxane	7.714	88	2118	22.53	ug/l #	78
64) Tetrachloroethene	9.317	164	48459	14.88	ug/l	98

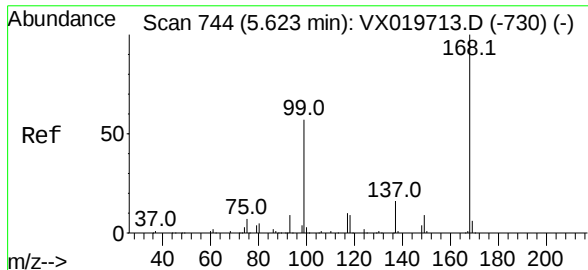
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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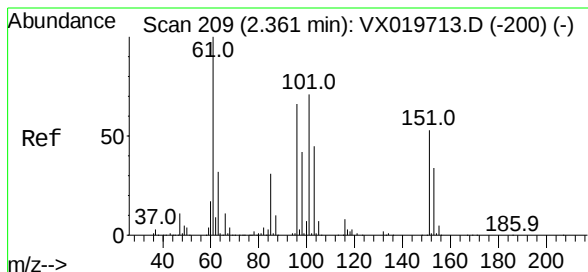
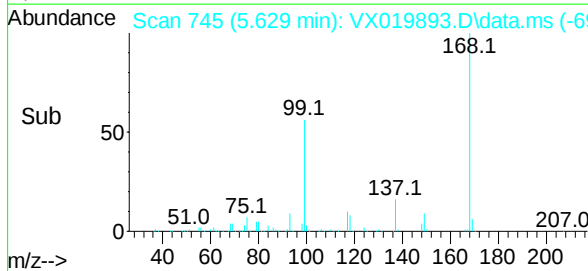
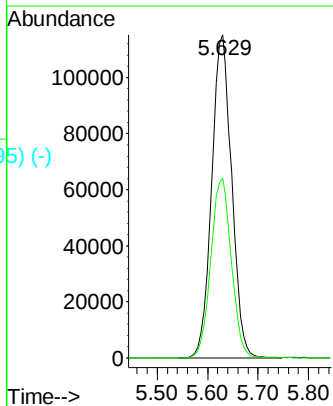
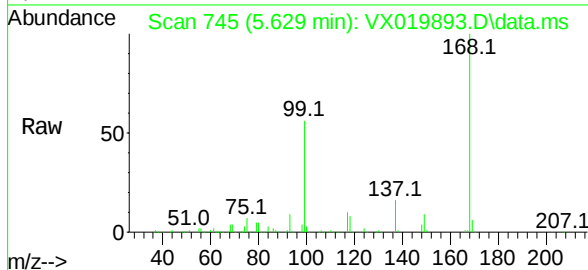




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

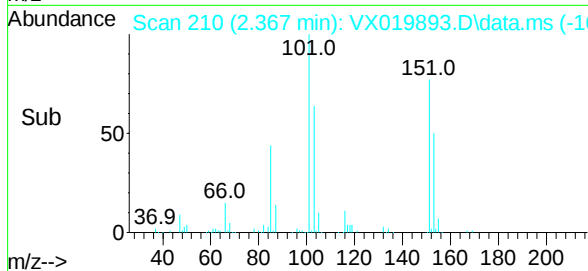
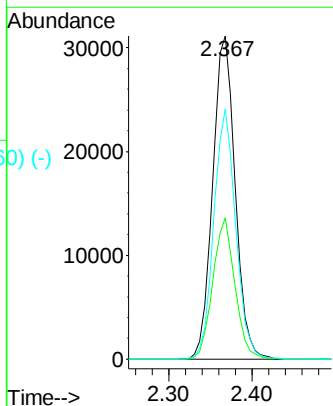
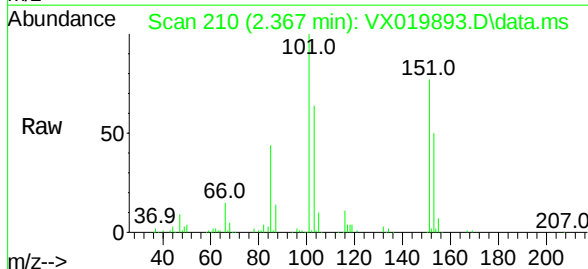
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

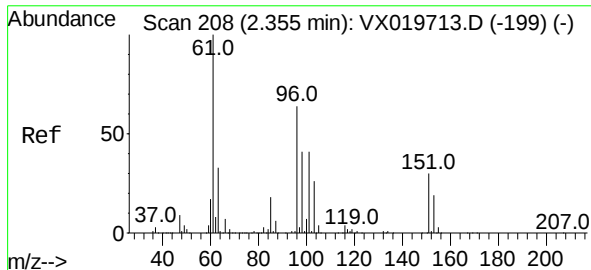
Tgt Ion:168 Resp: 316361
Ion Ratio Lower Upper
168 100
99 55.7 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.50 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion:101 Resp: 58780
Ion Ratio Lower Upper
101 100
85 42.9 34.9 52.3
151 75.6 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.53 ug/l

RT: 2.355 min Scan# 208

Delta R.T. 0.000 min

Lab File: VX019893.D

Acq: 11 Dec 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20201208

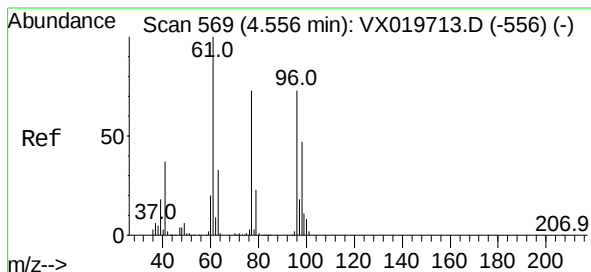
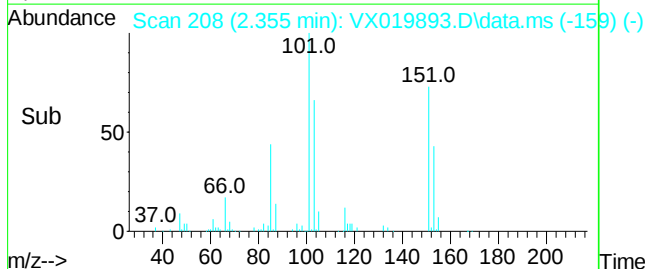
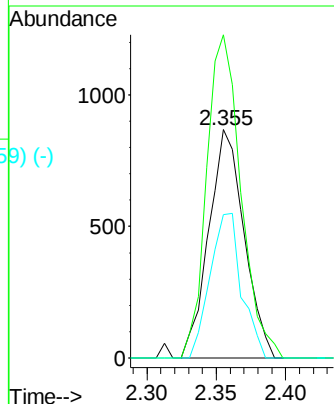
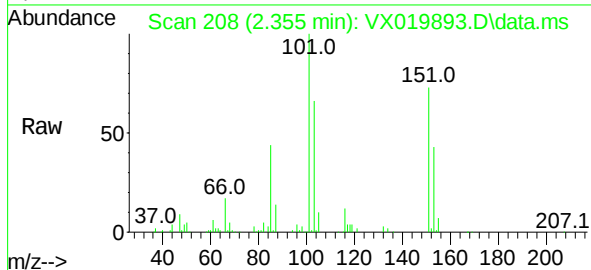
Tgt Ion: 96 Resp: 1534

Ion Ratio Lower Upper

96 100

61 141.6 124.6 187.0

98 62.9 50.6 76.0



#27

cis-1,2-Dichloroethene

Concen: 1.72 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX019893.D

Acq: 11 Dec 2020 22:26

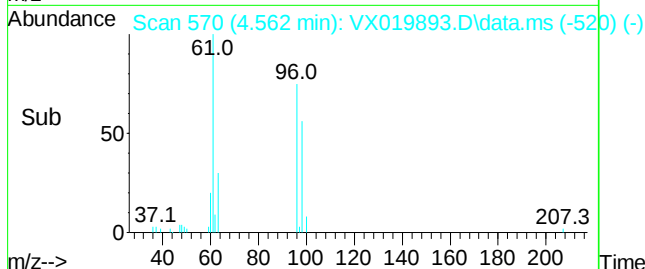
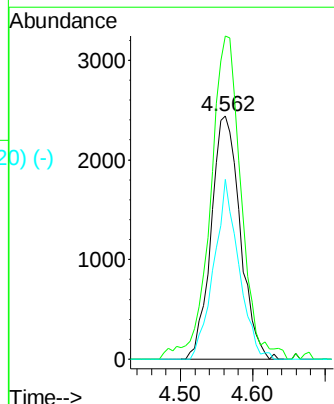
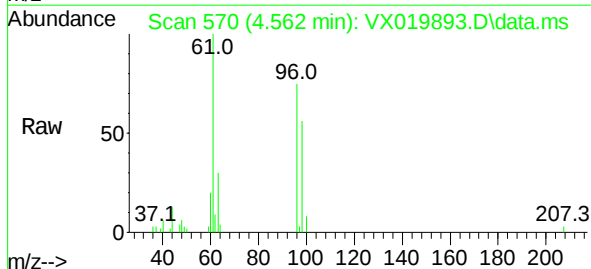
Tgt Ion: 96 Resp: 6783

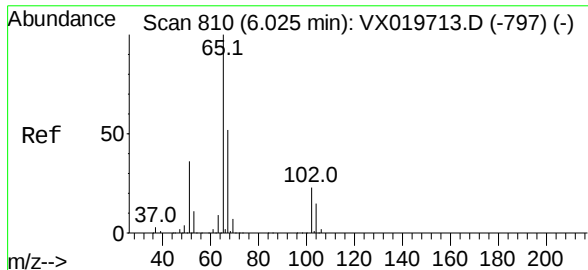
Ion Ratio Lower Upper

96 100

61 140.5 0.0 285.6

98 63.6 0.0 129.6

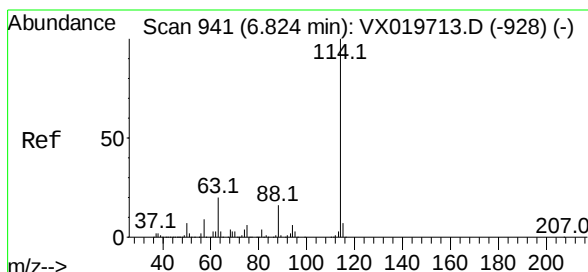
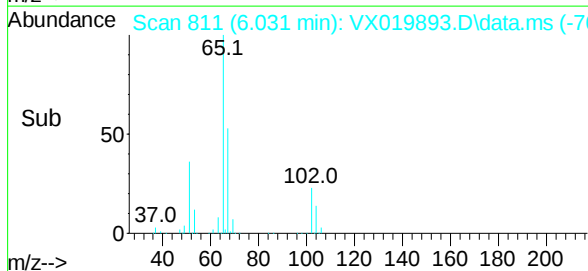
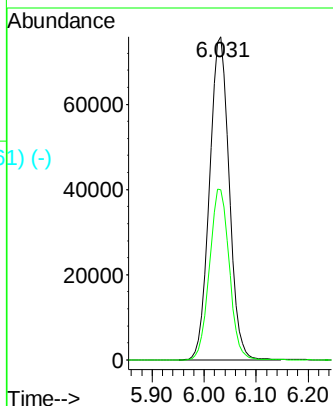
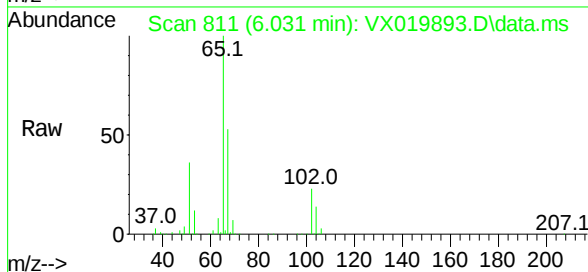




#33
1,2-Dichloroethane-d4
Concen: 47.99 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

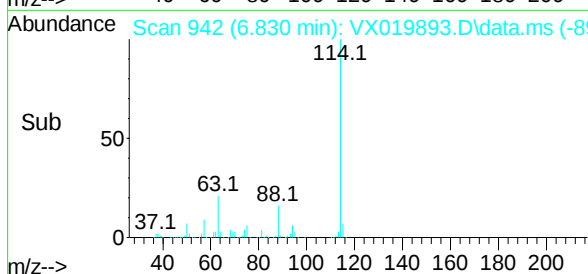
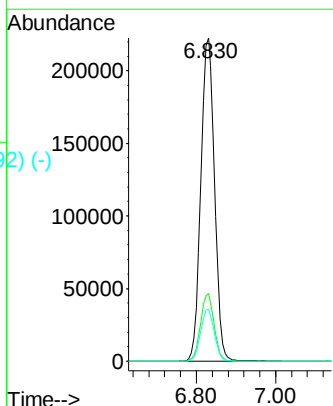
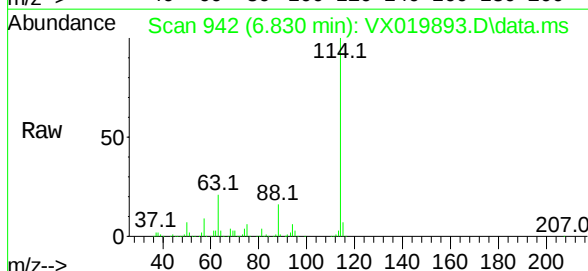
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

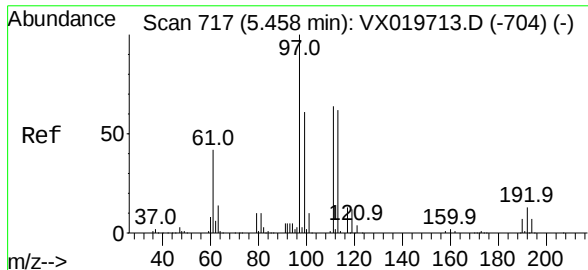
Tgt Ion: 65 Resp: 199530
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

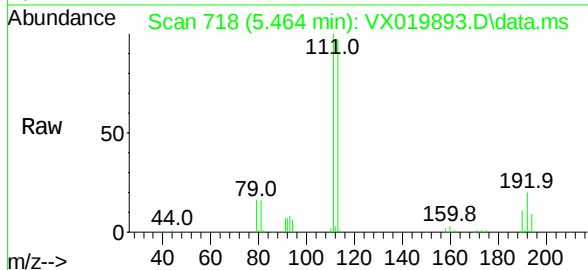
Tgt Ion:114 Resp: 531845
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.1 0.0 32.8



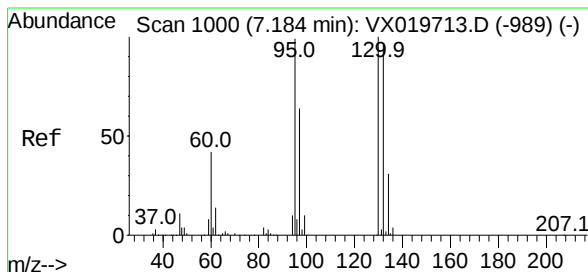
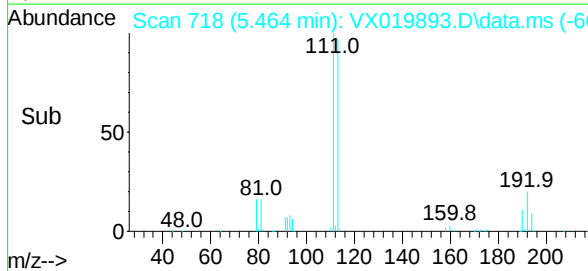
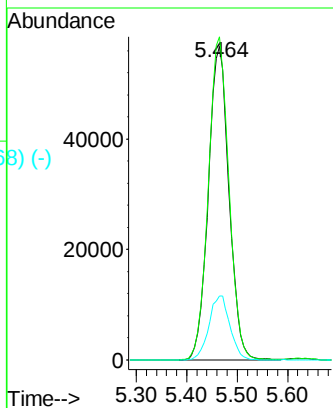


#35
Dibromofluoromethane
Concen: 46.99 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

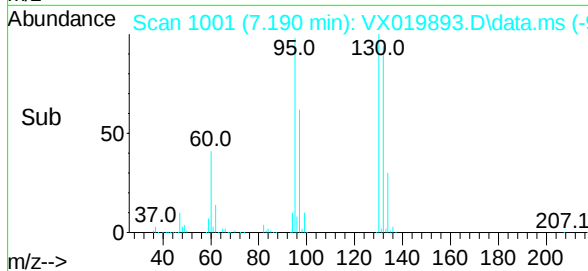
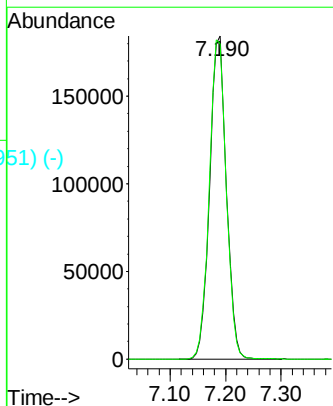
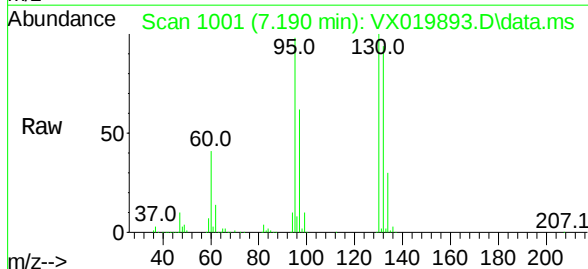


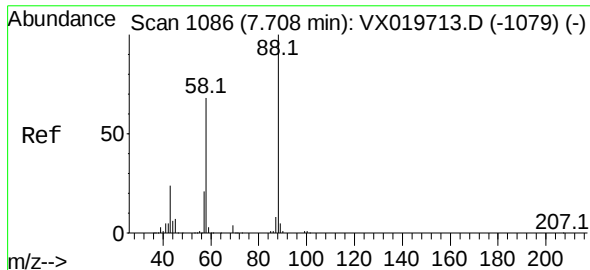
Tgt Ion:113 Resp: 161506
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.7 16.7 25.1



#44
Trichloroethene
Concen: 99.97 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion:130 Resp: 385071
Ion Ratio Lower Upper
130 100
95 97.5 0.0 198.0

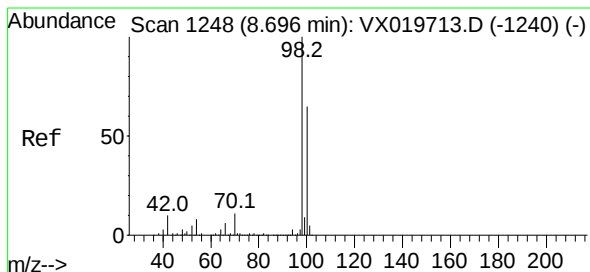
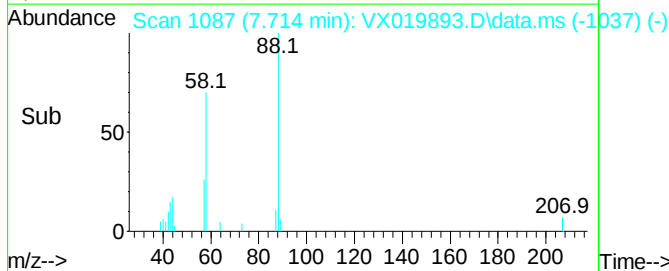
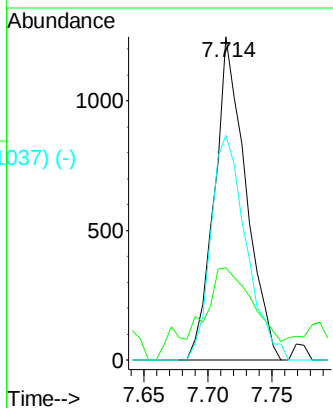
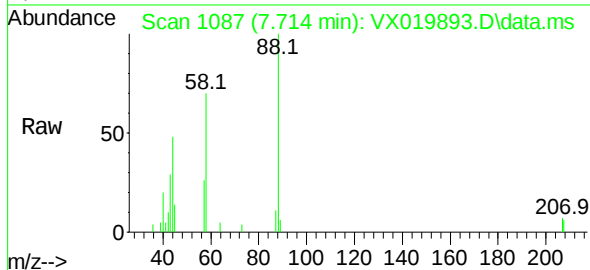




#49
1,4-Dioxane
Concen: 22.53 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

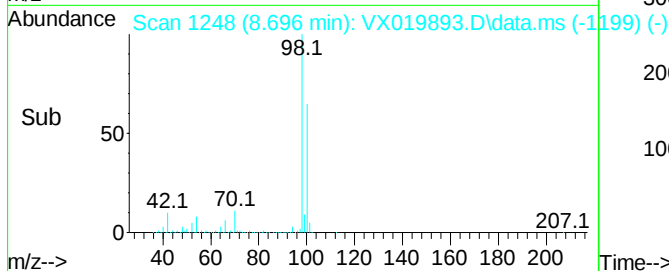
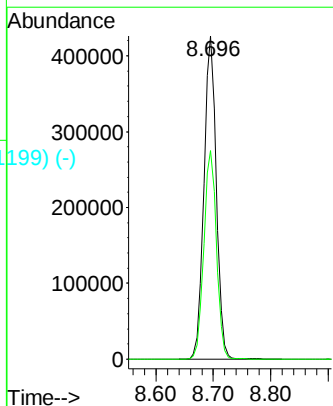
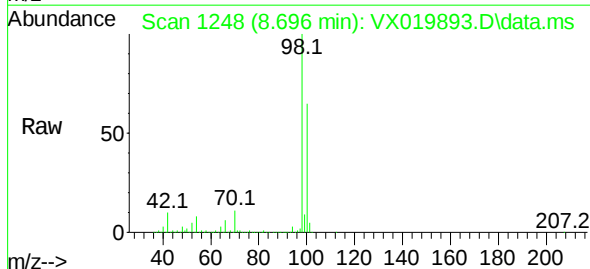
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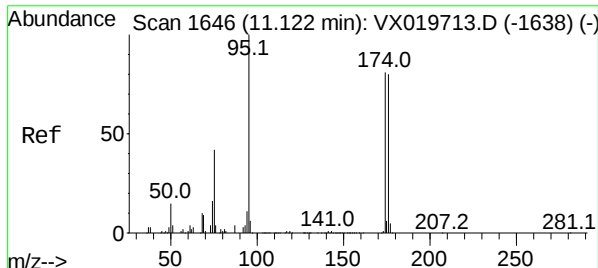
Tgt Ion:	88	Resp:	2118
Ion	Ratio	Lower	Upper
88	100		
43	52.6	23.2	34.8#
58	78.4	55.0	82.4



#50
Toluene-d8
Concen: 49.14 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion:	98	Resp:	644805
Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.9	77.9

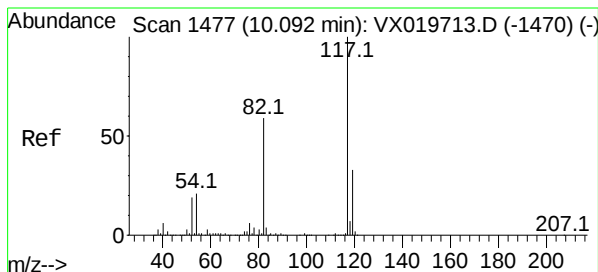
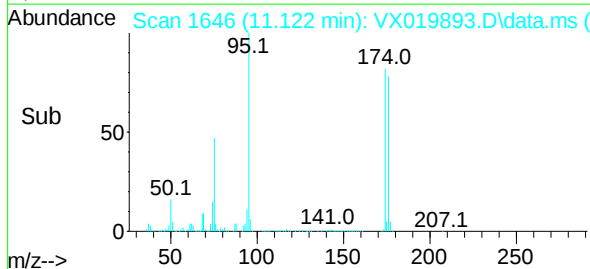
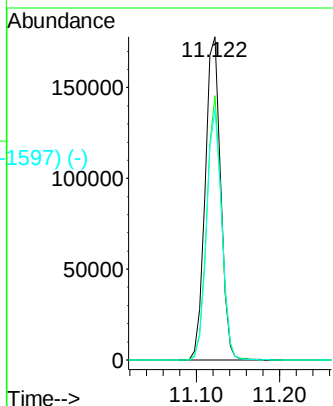
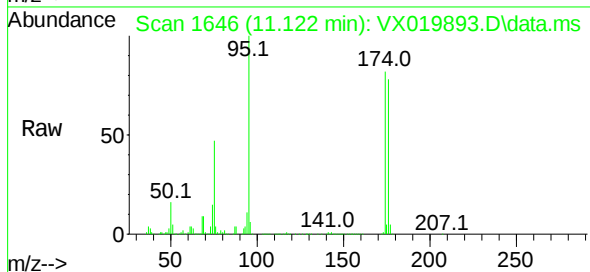




#62
4-Bromofluorobenzene
Concen: 45.53 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

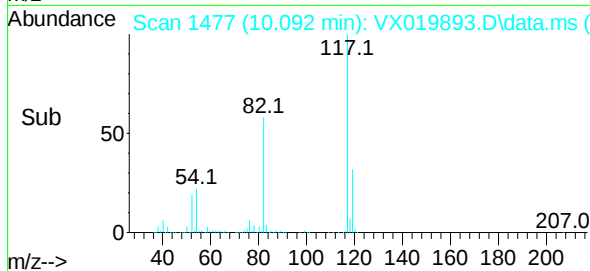
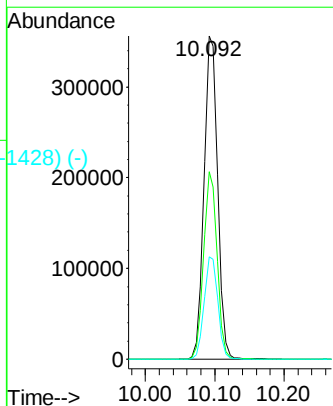
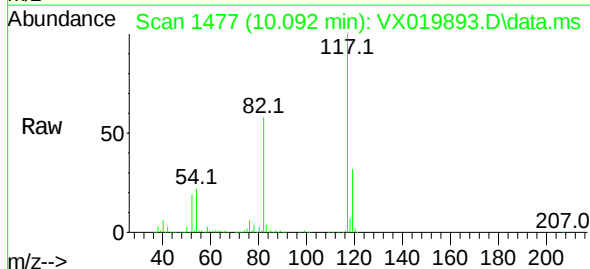
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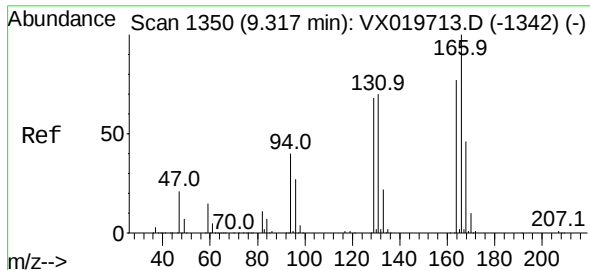
Tgt Ion:	95	Resp:	227380
Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	154.6
176	76.0	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion:	117	Resp:	485708
Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.4	71.2
119	31.8	26.6	39.8

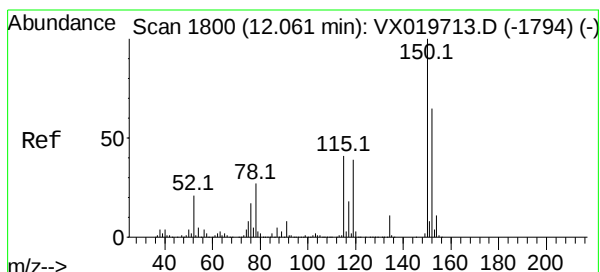
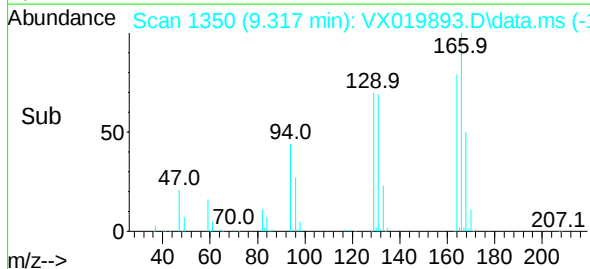
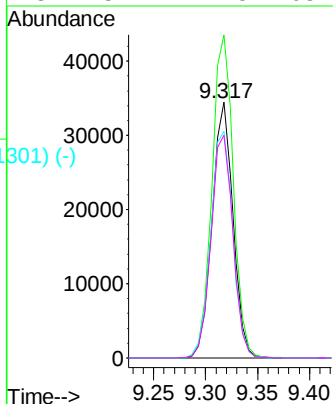
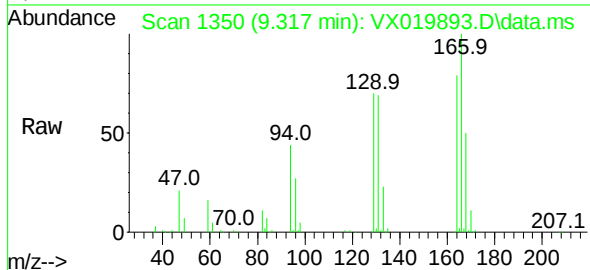




#64
Tetrachloroethene
Concen: 14.88 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:	164	Resp:	48459
Ion	Ratio	Lower	Upper
164	100		
166	126.3	103.4	155.2
129	88.5	70.8	106.2
131	87.1	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion:	152	Resp:	212955
Ion	Ratio	Lower	Upper
152	100		
115	60.9	41.1	123.3
150	158.8	0.0	349.0

