

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
 Data File : VX019898.D
 Acq On : 12 Dec 2020 00:22
 Operator : JC/MD
 Sample : L4996-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20201207

Quant Time: Dec 12 02:07:32 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)

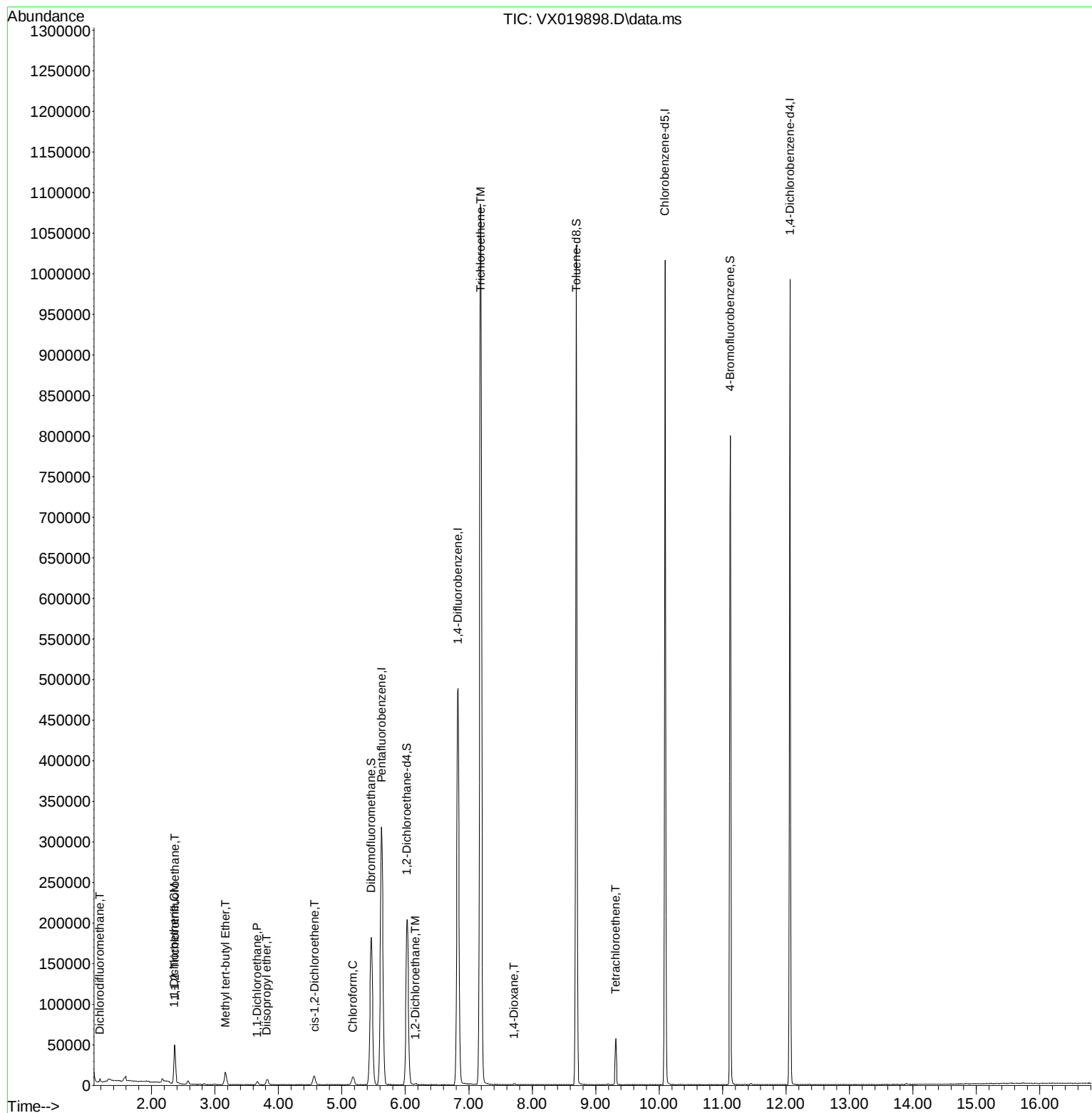
Internal Standards						
1) Pentafluorobenzene	5.623	168	304608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	505654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	473100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	205995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	196626	49.11	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.22%			
35) Dibromofluoromethane	5.465	113	159944	48.94	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.88%			
50) Toluene-d8	8.696	98	614421	49.25	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.50%			
62) 4-Bromofluorobenzene	11.122	95	221135	46.57	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.14%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	1199	0.43	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.368	101	17449	6.32	ug/l	99
12) 1,1-Dichloroethene	2.355	96	3557	1.27	ug/l	96
19) Methyl tert-butyl Ether	3.166	73	17664	1.74	ug/l	95
22) Diisopropyl ether	3.818	45	6952	0.73	ug/l #	79
24) 1,1-Dichloroethane	3.666	63	4319	0.75	ug/l	99
27) cis-1,2-Dichloroethene	4.568	96	7468	1.96	ug/l	97
30) Chloroform	5.172	83	12657	2.14	ug/l	92
42) 1,2-Dichloroethane	6.160	62	1459	0.31	ug/l	77
44) Trichloroethene	7.184	130	428602	117.03	ug/l	98
49) 1,4-Dioxane	7.714	88	1054	11.79	ug/l #	91
64) Tetrachloroethene	9.317	164	11167	3.52	ug/l	95

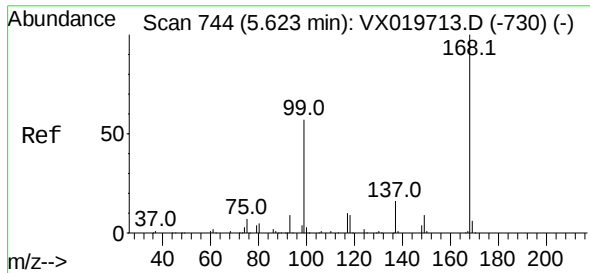
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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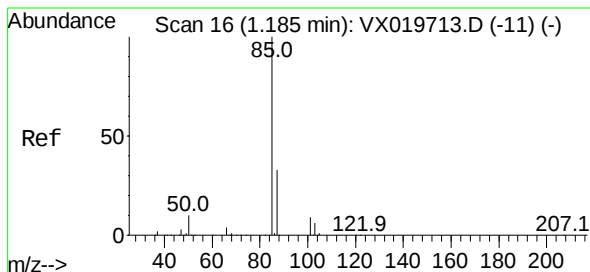
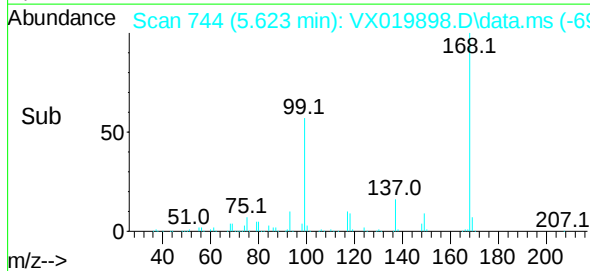
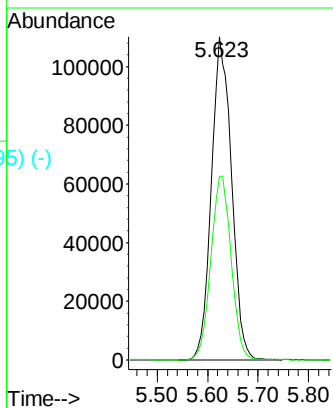
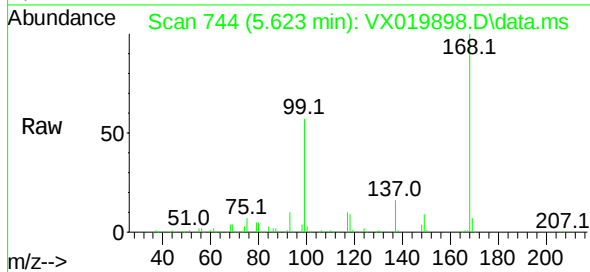




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

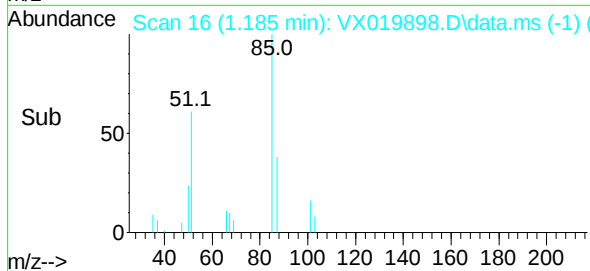
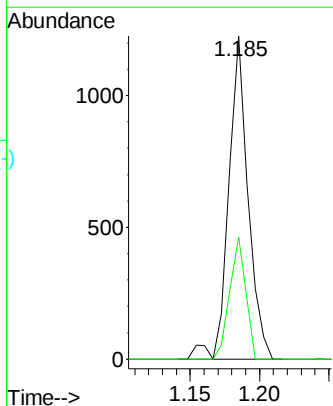
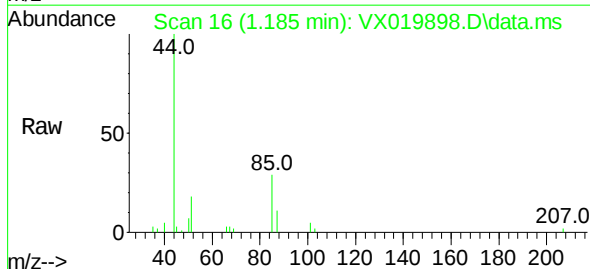
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20201207

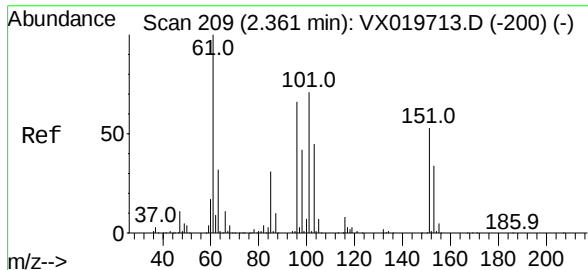
Tgt Ion:168 Resp: 304608
Ion Ratio Lower Upper
168 100
99 56.8 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.43 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

Tgt Ion: 85 Resp: 1199
Ion Ratio Lower Upper
85 100
87 37.8 16.4 49.2

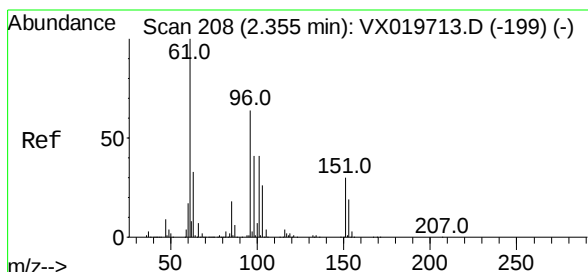
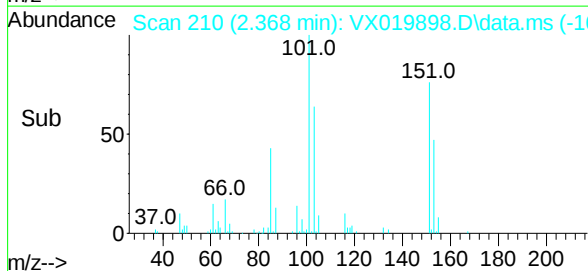
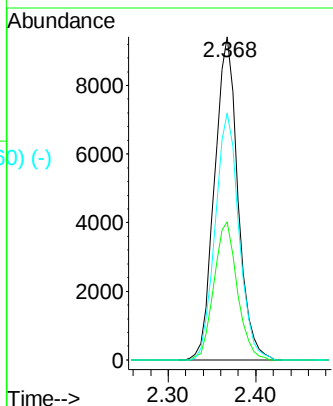
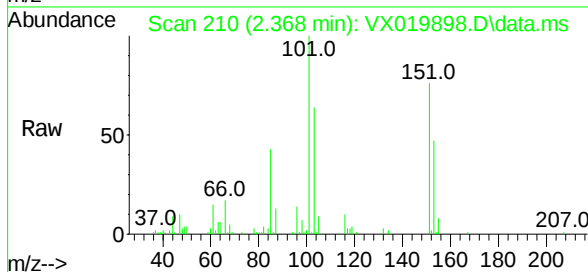




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.32 ug/l
RT: 2.368 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

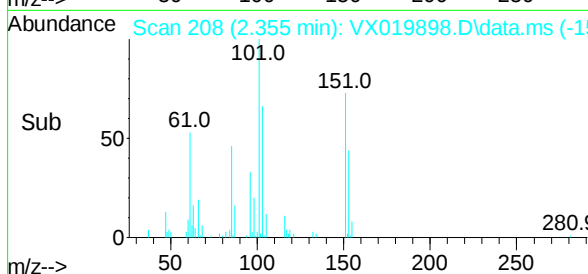
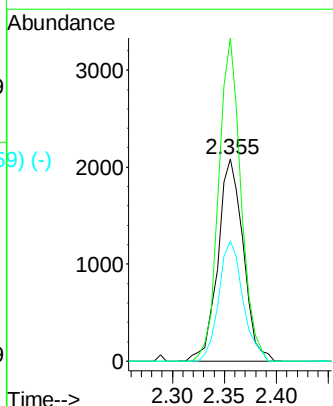
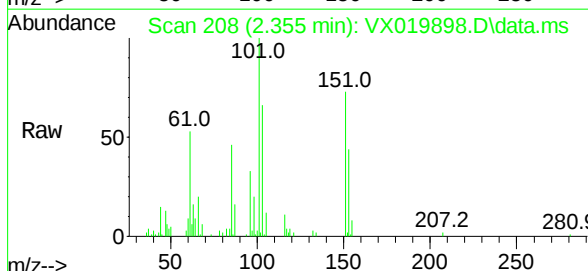
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20201207

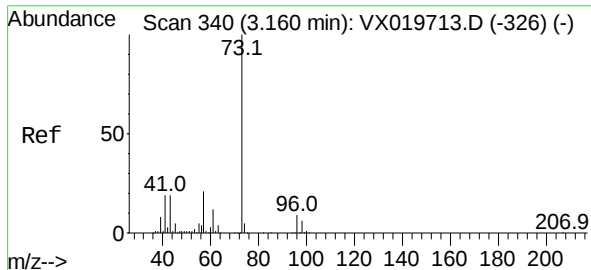
Tgt Ion:	101	Resp:	17449
Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.9	52.3
151	77.7	61.4	92.2



#12
1,1-Dichloroethene
Concen: 1.27 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

Tgt Ion:	96	Resp:	3557
Ion	Ratio	Lower	Upper
96	100		
61	159.9	124.6	187.0
98	59.5	50.6	76.0



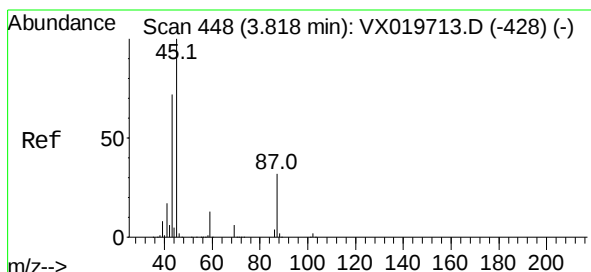
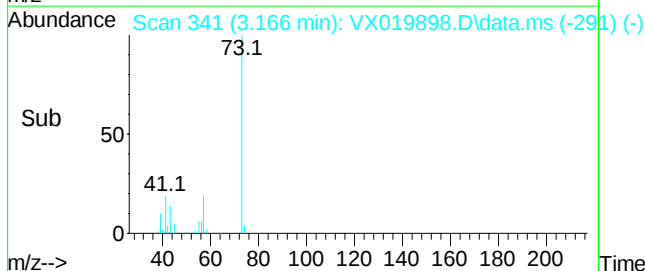
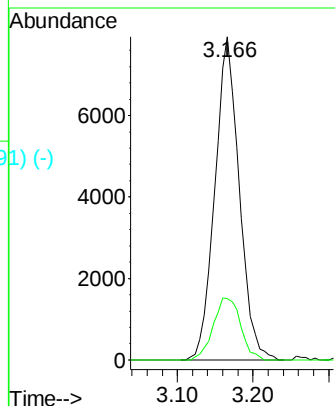
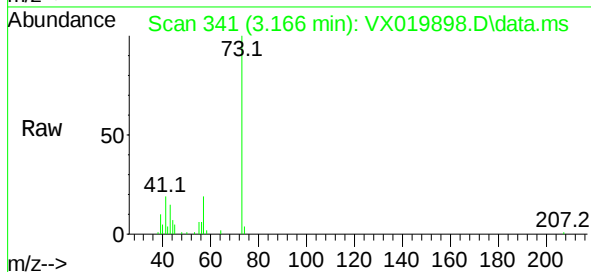


#19

Methyl tert-butyl Ether
Concen: 1.74 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20201207

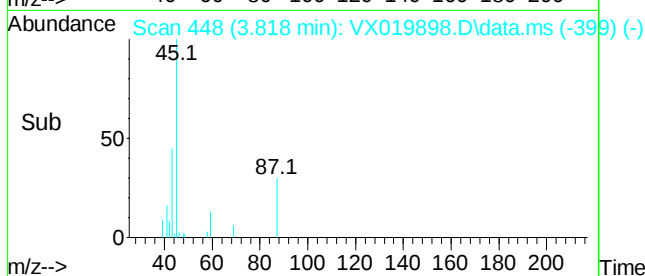
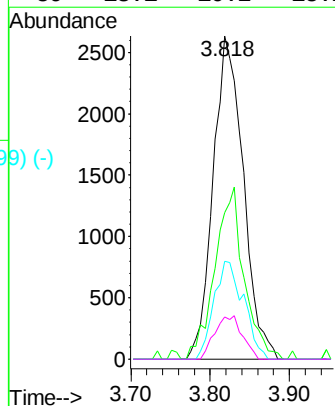
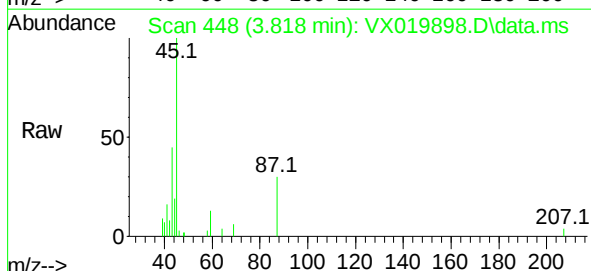
Tgt Ion: 73 Resp: 17664
Ion Ratio Lower Upper
73 100
57 18.9 17.1 25.7

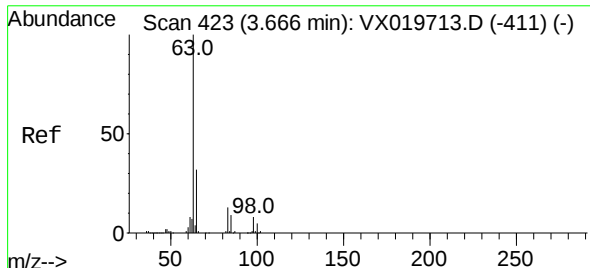


#22

Diisopropyl ether
Concen: 0.73 ug/l
RT: 3.818 min Scan# 448
Delta R.T. 0.000 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

Tgt Ion: 45 Resp: 6952
Ion Ratio Lower Upper
45 100
43 45.3 58.0 87.0#
87 30.3 25.4 38.0
59 13.1 10.2 15.2

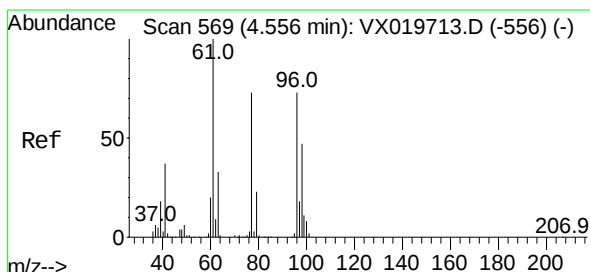
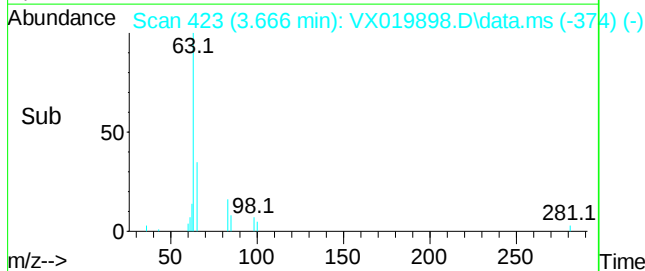
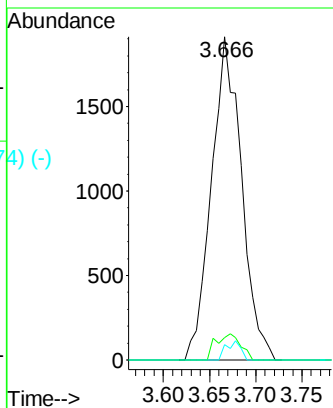
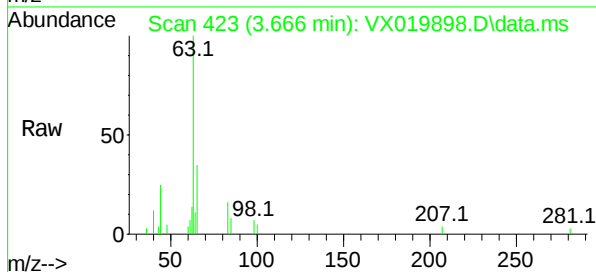




#24
1,1-Dichloroethane
Concen: 0.75 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

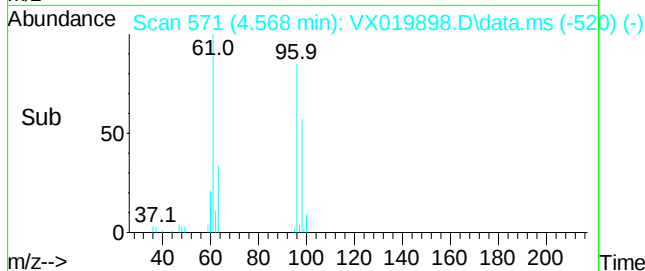
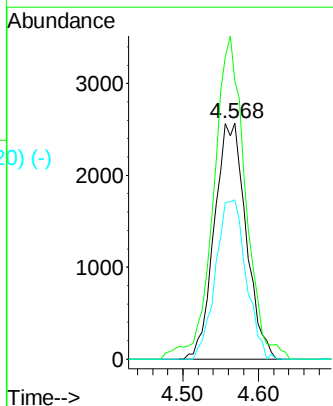
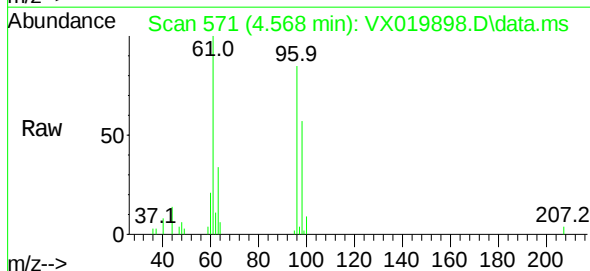
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20201207

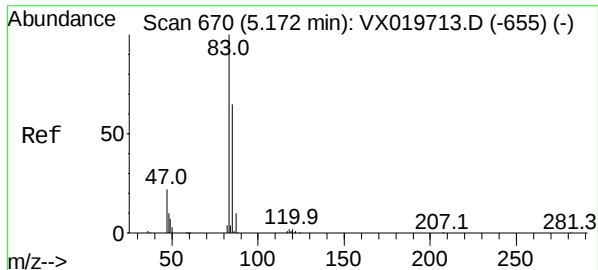
Tgt Ion:	63	Resp:	4319
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.8	11.2
100	4.7	2.5	7.5



#27
cis-1,2-Dichloroethene
Concen: 1.96 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

Tgt Ion:	96	Resp:	7468
Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	285.6
98	64.9	0.0	129.6

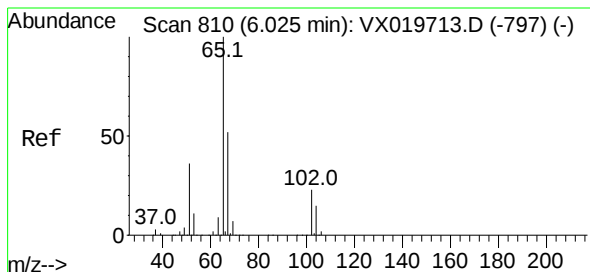
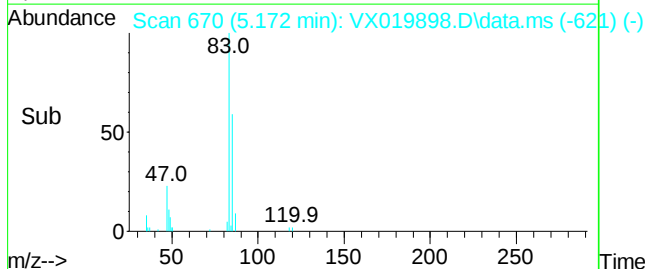
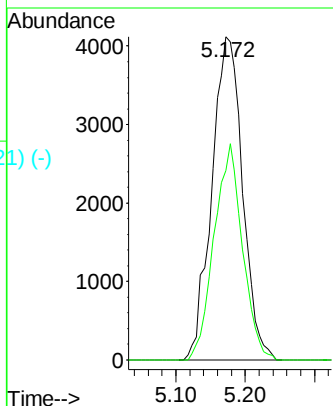
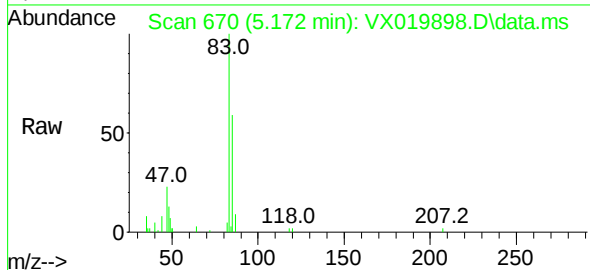




#30
Chloroform
Concen: 2.14 ug/l
RT: 5.172 min Scan# 670
Delta R.T. 0.000 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

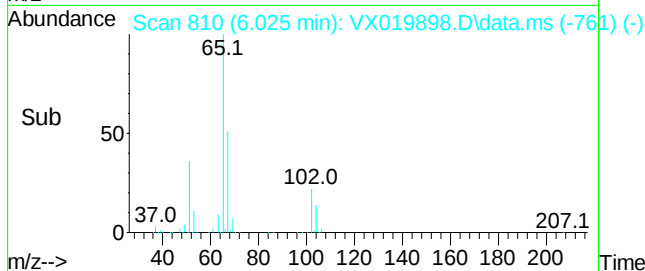
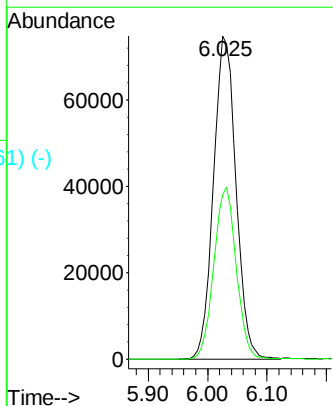
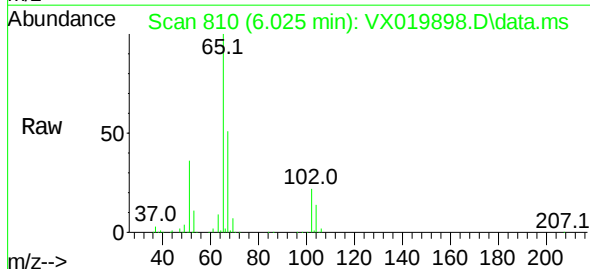
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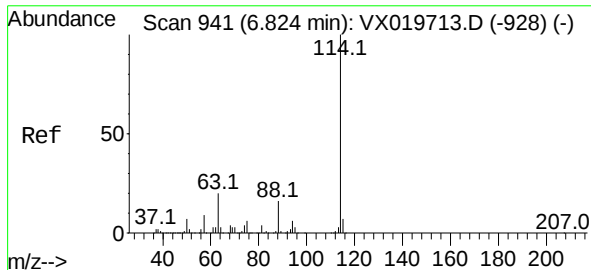
Tgt Ion: 83 Resp: 12657
Ion Ratio Lower Upper
83 100
85 58.6 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 49.11 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

Tgt Ion: 65 Resp: 196626
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

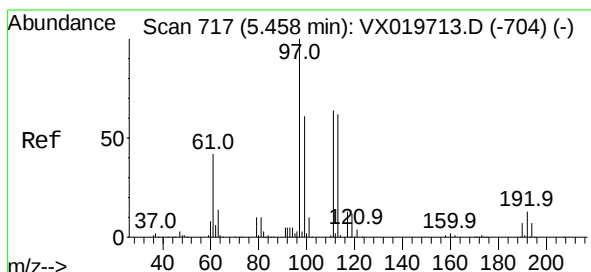
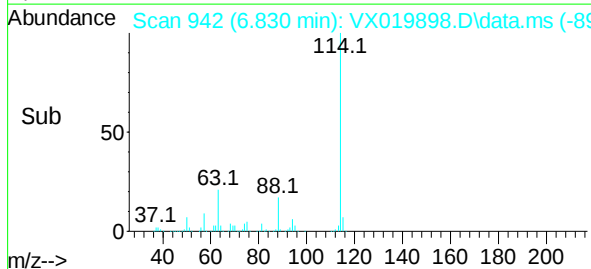
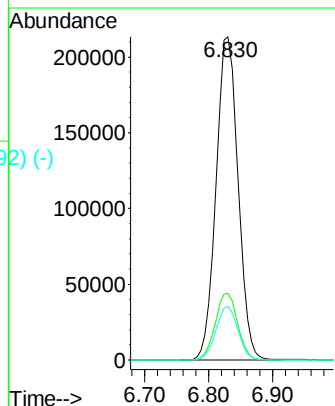
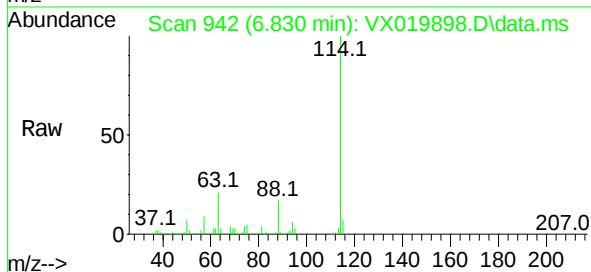




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

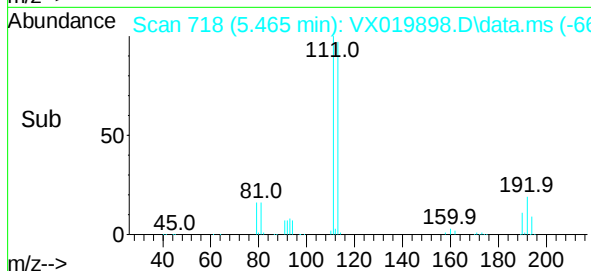
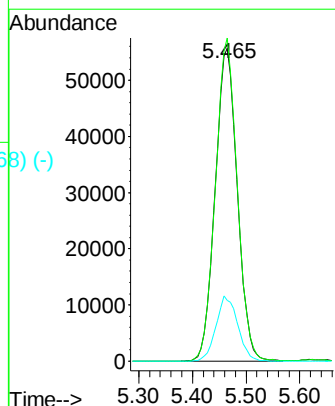
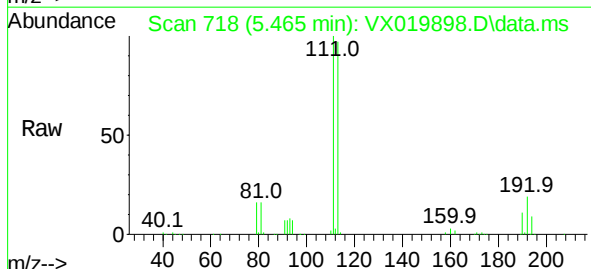
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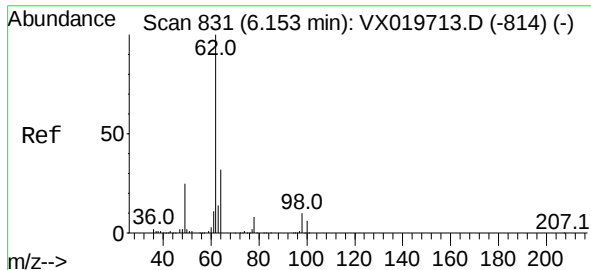
Tgt Ion:114	Resp: 505654
Ion Ratio	Lower Upper
114 100	
63 20.6	0.0 40.8
88 16.6	0.0 32.8



#35
Dibromofluoromethane
Concen: 48.94 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

Tgt Ion:113	Resp: 159944
Ion Ratio	Lower Upper
113 100	
111 101.4	81.9 122.9
192 20.3	16.7 25.1





#42

1,2-Dichloroethane

Concen: 0.31 ug/l

RT: 6.160 min Scan# 832

Delta R.T. 0.006 min

Lab File: VX019898.D

Acq: 12 Dec 2020 00:22

Tgt Ion: 62 Resp: 1459

Ion Ratio Lower Upper

62 100

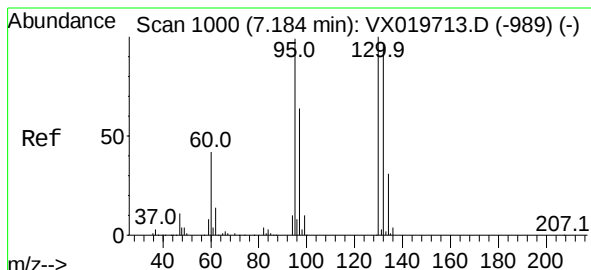
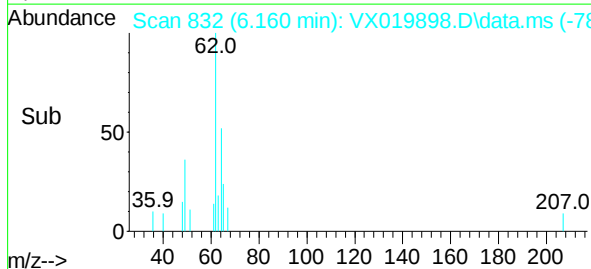
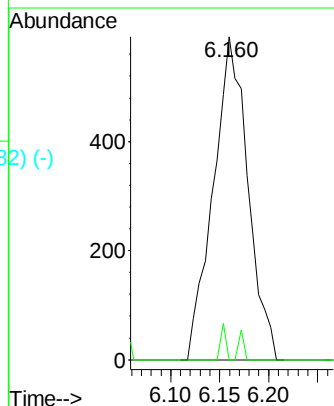
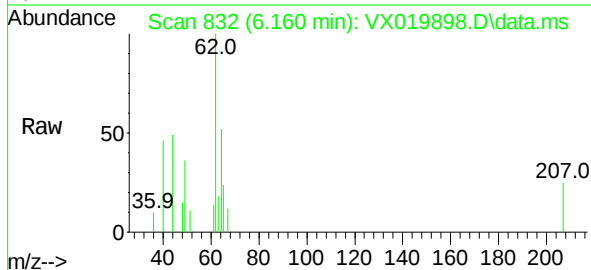
98 1.6 0.0 20.2

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20201207



#44

Trichloroethene

Concen: 117.03 ug/l

RT: 7.184 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VX019898.D

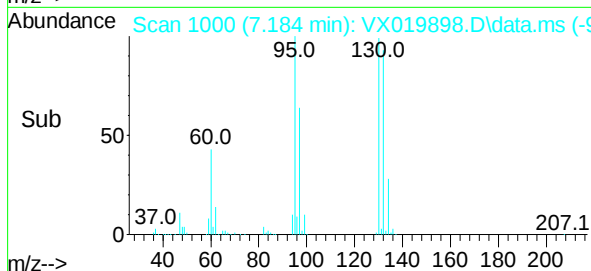
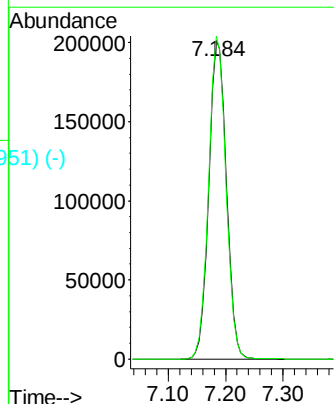
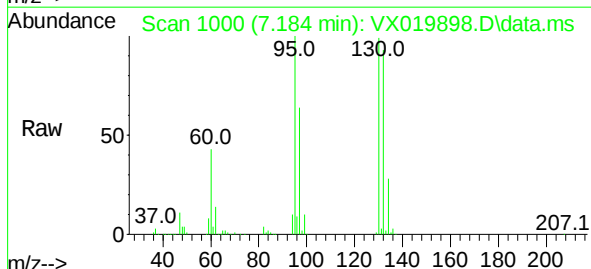
Acq: 12 Dec 2020 00:22

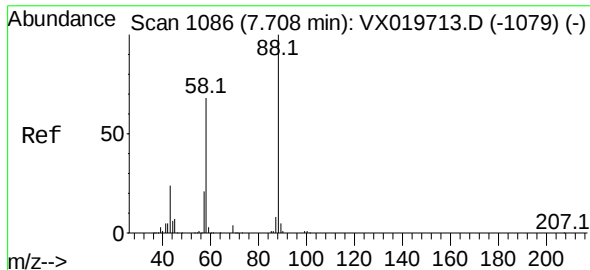
Tgt Ion:130 Resp: 428602

Ion Ratio Lower Upper

130 100

95 101.4 0.0 198.0





#49

1,4-Dioxane

Concen: 11.79 ug/l

RT: 7.714 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VX019898.D

Acq: 12 Dec 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20201207

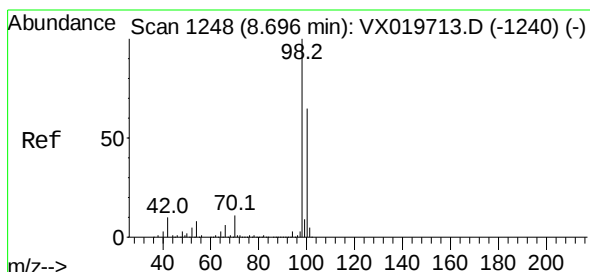
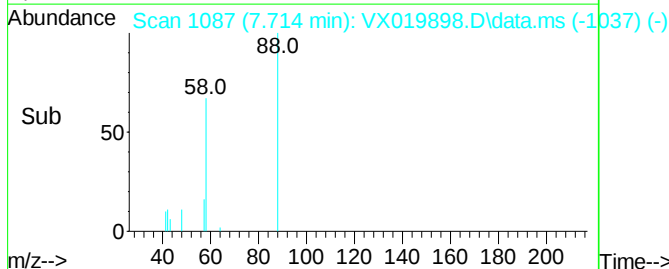
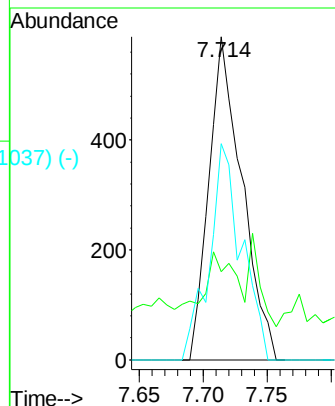
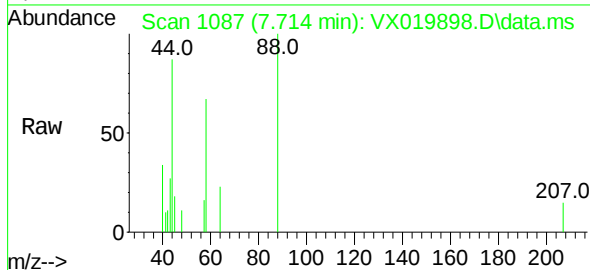
Tgt Ion: 88 Resp: 1054

Ion Ratio Lower Upper

88 100

43 17.4 23.2 34.8#

58 65.3 55.0 82.4



#50

Toluene-d8

Concen: 49.25 ug/l

RT: 8.696 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VX019898.D

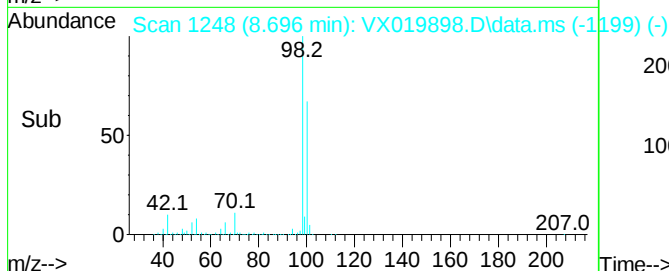
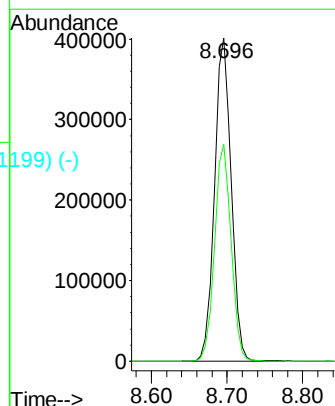
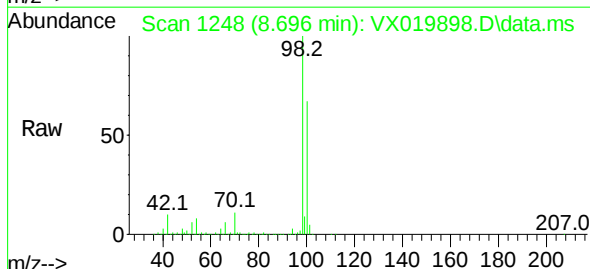
Acq: 12 Dec 2020 00:22

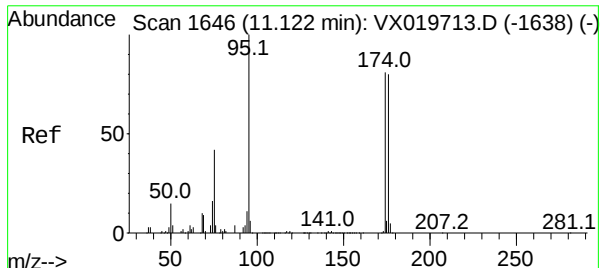
Tgt Ion: 98 Resp: 614421

Ion Ratio Lower Upper

98 100

100 66.6 51.9 77.9

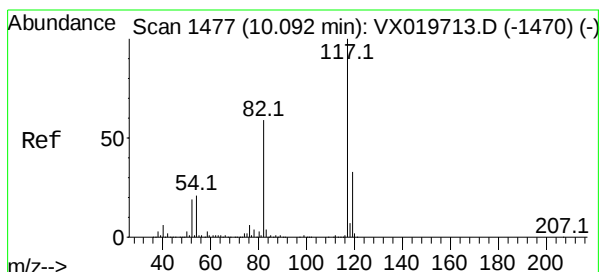
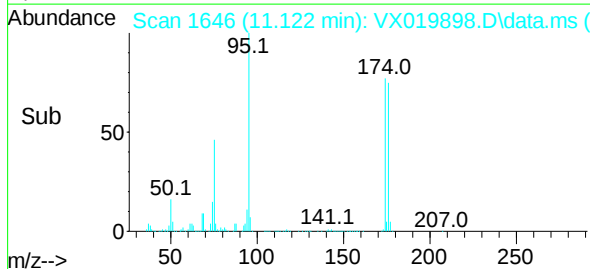
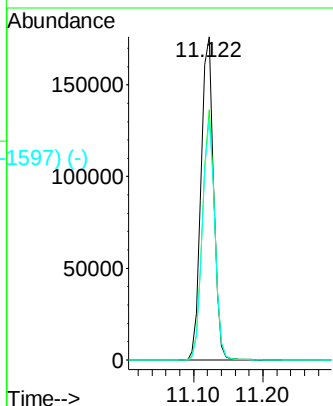
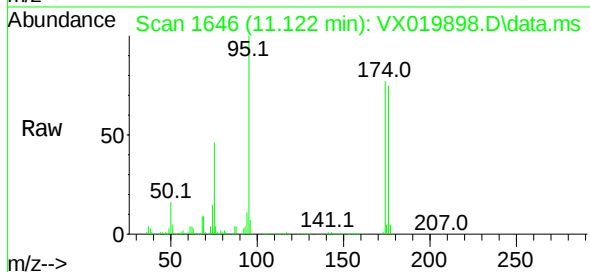




#62
4-Bromofluorobenzene
Concen: 46.57 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

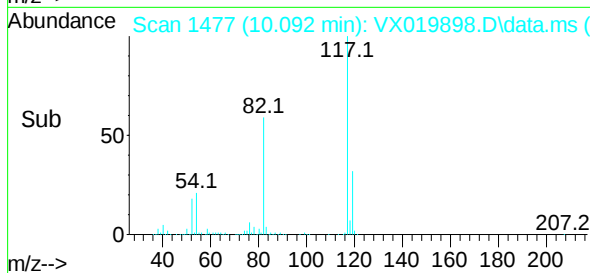
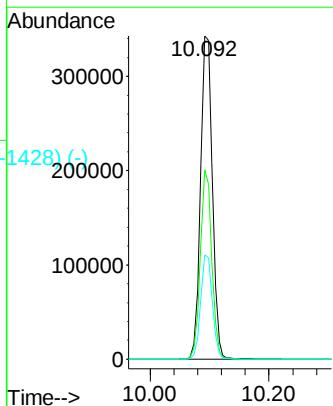
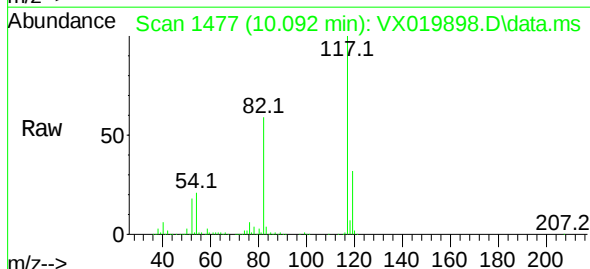
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20201207

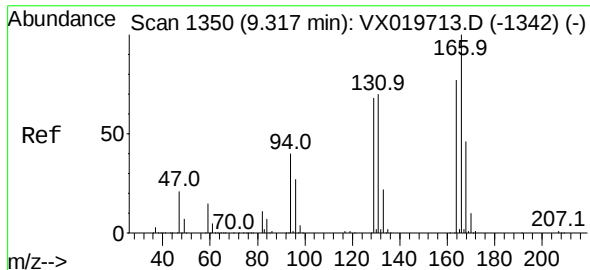
Tgt Ion:	95	Resp:	221135
Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	154.6
176	74.0	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

Tgt Ion:	117	Resp:	473100
Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.4	71.2
119	32.2	26.6	39.8

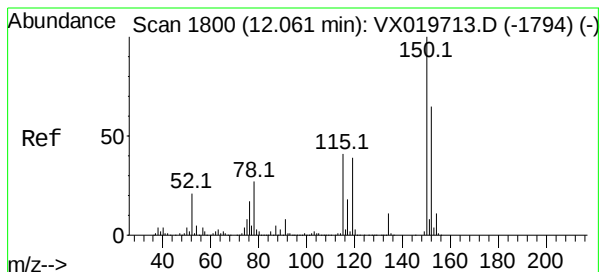
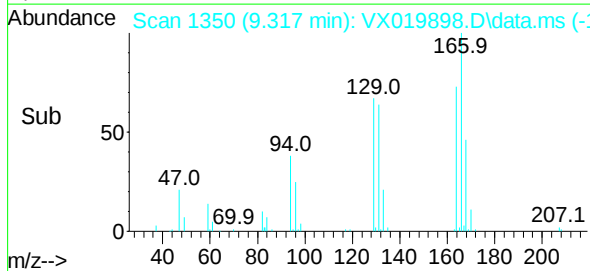
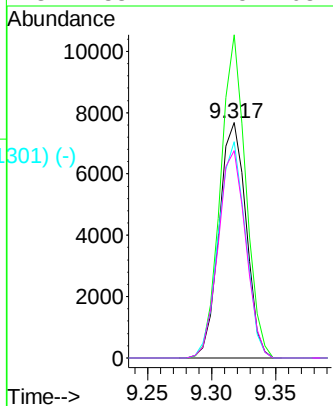
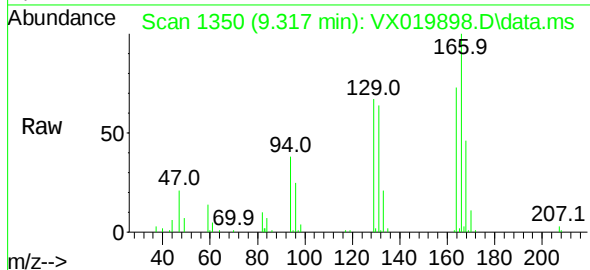




#64
Tetrachloroethene
Concen: 3.52 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX019898.D
Acq: 12 Dec 2020 00:22

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20201207

Tgt Ion:	164	Resp:	11167
Ion	Ratio	Lower	Upper
164	100		
166	137.3	103.4	155.2
129	91.9	70.8	106.2
131	88.1	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: VX019898.D
Acq: 12 Dec 2020 00:22

Tgt Ion:	152	Resp:	205995
Ion	Ratio	Lower	Upper
152	100		
115	59.7	41.1	123.3
150	158.6	0.0	349.0

