

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
 Data File : VX019891.D
 Acq On : 11 Dec 2020 21:39
 Operator : JC/MD
 Sample : L4996-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20201207

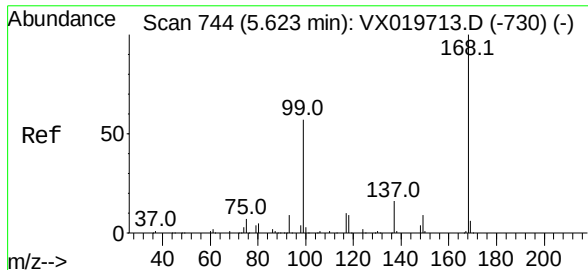
Quant Time: Dec 12 00:04:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : Sw846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	323359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	540436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	498686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	219368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	206692	48.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	97.26%	
35) Dibromofluoromethane	5.465	113	167109	47.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	95.68%	
50) Toluene-d8	8.696	98	648282	48.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.122	95	229844	45.29	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	90.58%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	1283	0.43	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.368	101	94678	32.31	ug/l	99
12) 1,1-Dichloroethene	2.355	96	33085	11.17	ug/l	99
24) 1,1-Dichloroethane	3.672	63	11718	1.92	ug/l	98
27) cis-1,2-Dichloroethene	4.556	96	14775	3.66	ug/l	92
29) Tetrahydrofuran	5.111	42	1531	0.97	ug/l #	83
30) Chloroform	5.172	83	7551	1.20	ug/l	98
38) Carbon Tetrachloride	5.751	117	6392	1.34	ug/l	94
42) 1,2-Dichloroethane	6.160	62	1873	0.37	ug/l	94
44) Trichloroethene	7.190	130	5992889	1531.11	ug/l	99
49) 1,4-Dioxane	7.720	88	1502	15.73	ug/l #	81
55) 1,1,2-Trichloroethane	9.196	97	4341	1.15	ug/l	97
64) Tetrachloroethene	9.318	164	12356	3.69	ug/l	86

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

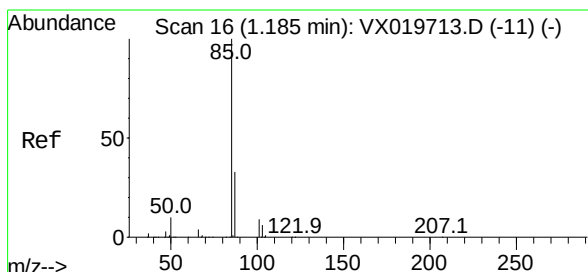
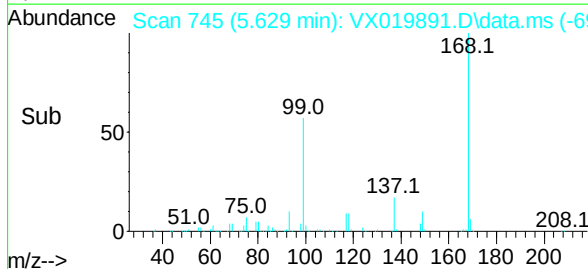
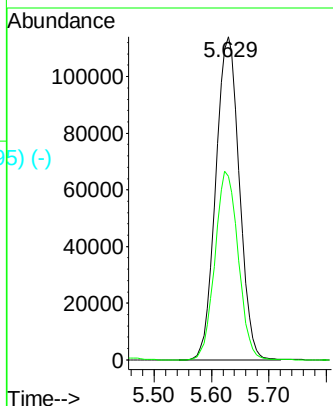
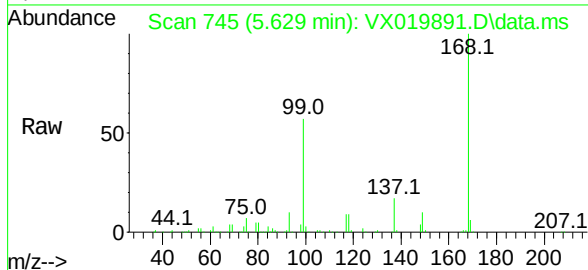
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
Data File : VX019891.D
Acq On    : 11 Dec 2020   21:39
Operator  : JC/MD
Sample    : L4996-15
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 28   Sample Multiplier: 1
```



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX019891.D
Acq: 11 Dec 2020 21:39

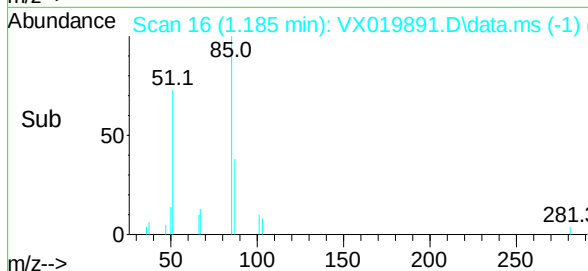
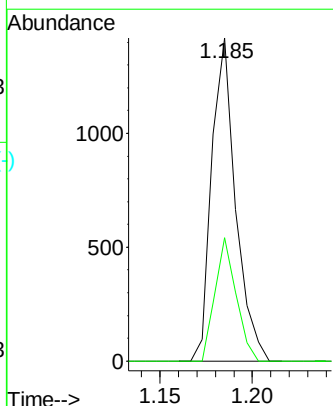
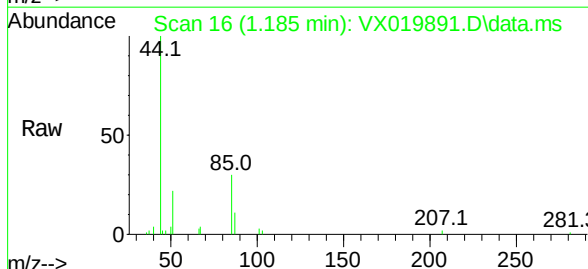
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20201207

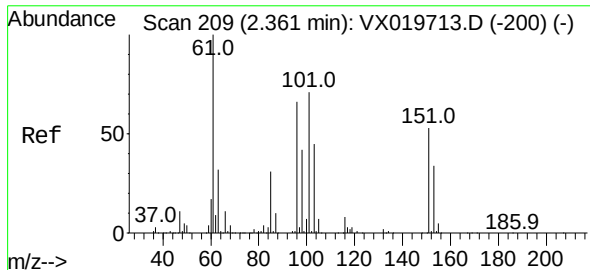
Tgt Ion:168 Resp: 323359
Ion Ratio Lower Upper
168 100
99 56.8 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.43 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX019891.D
Acq: 11 Dec 2020 21:39

Tgt Ion: 85 Resp: 1283
Ion Ratio Lower Upper
85 100
87 38.2 16.4 49.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 32.31 ug/l

RT: 2.368 min Scan# 210

Delta R.T. 0.006 min

Lab File: VX019891.D

Acq: 11 Dec 2020 21:39

Tgt Ion:101 Resp: 94678

Ion Ratio Lower Upper

101 100

85 43.1 34.9 52.3

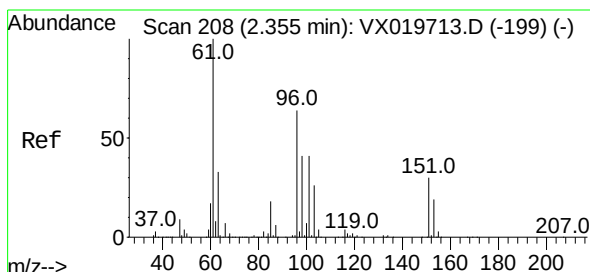
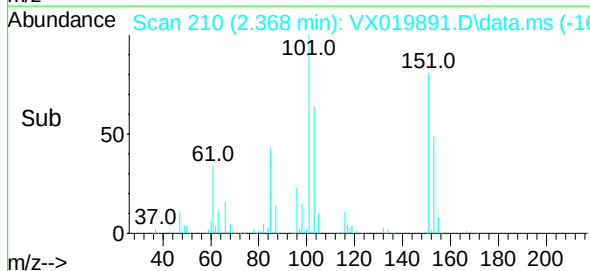
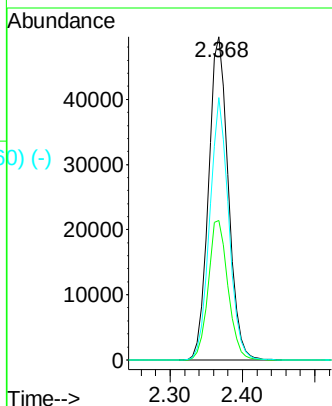
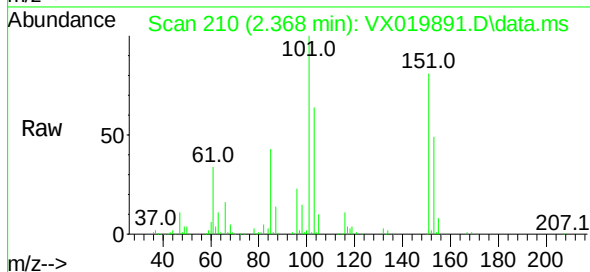
151 77.4 61.4 92.2

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20201207



#12

1,1-Dichloroethene

Concen: 11.17 ug/l

RT: 2.355 min Scan# 208

Delta R.T. 0.000 min

Lab File: VX019891.D

Acq: 11 Dec 2020 21:39

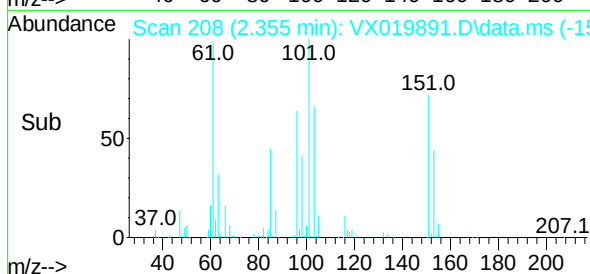
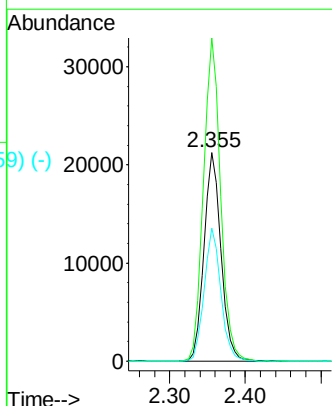
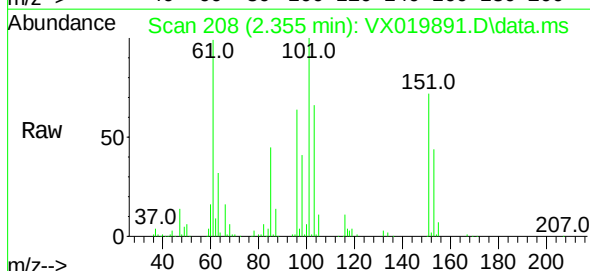
Tgt Ion: 96 Resp: 33085

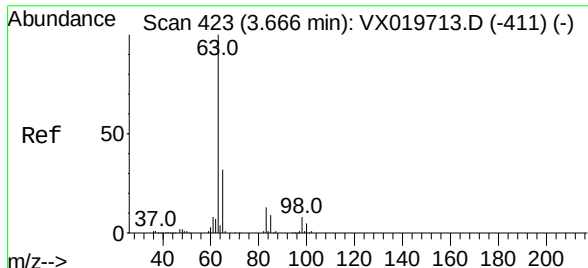
Ion Ratio Lower Upper

96 100

61 154.8 124.6 187.0

98 63.6 50.6 76.0





#24

1,1-Dichloroethane

Concen: 1.92 ug/l

RT: 3.672 min Scan# 424

Delta R.T. 0.006 min

Lab File: VX019891.D

Acq: 11 Dec 2020 21:39

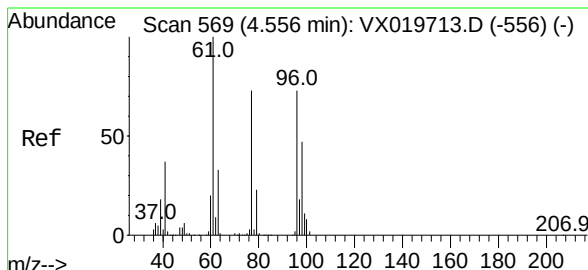
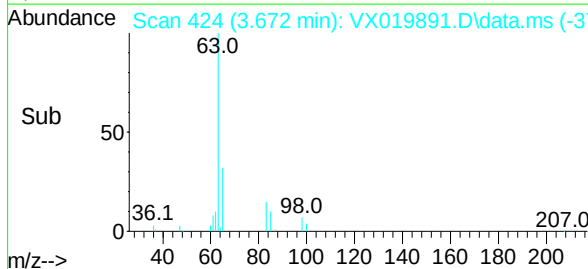
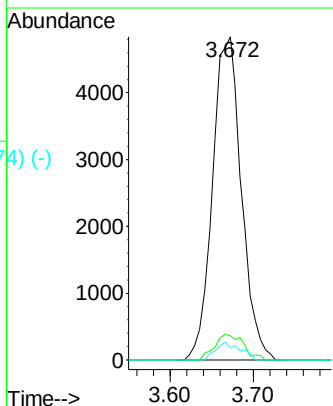
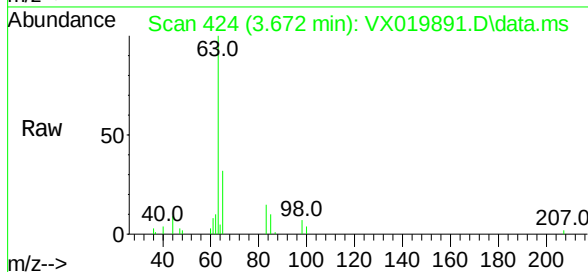
Tgt Ion: 63 Resp: 11718

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

100 3.7 2.5 7.5



#27

cis-1,2-Dichloroethene

Concen: 3.66 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX019891.D

Acq: 11 Dec 2020 21:39

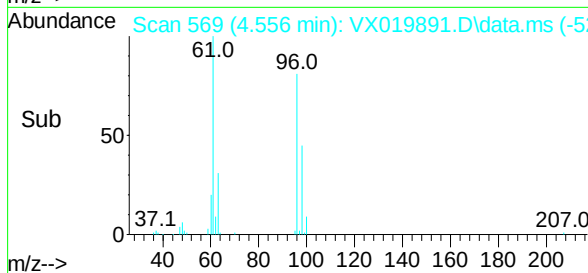
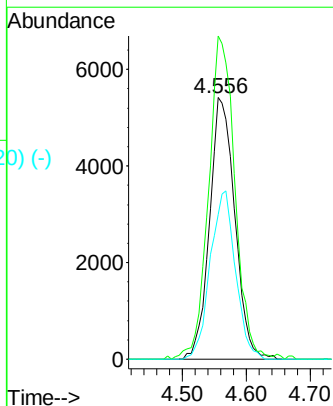
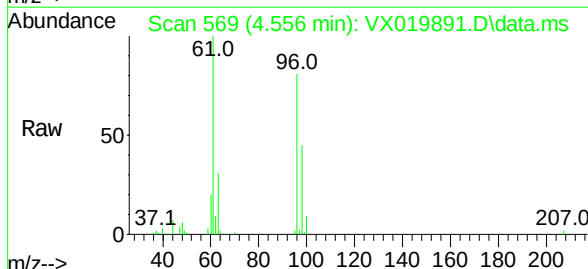
Tgt Ion: 96 Resp: 14775

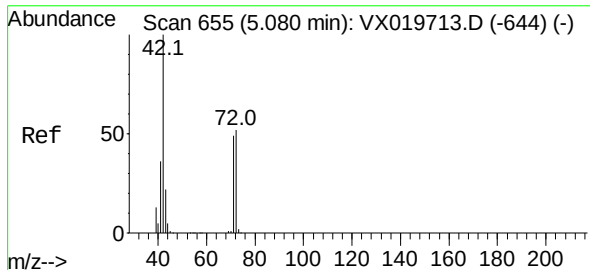
Ion Ratio Lower Upper

96 100

61 128.8 0.0 285.6

98 64.3 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.97 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.031 min

Lab File: VX019891.D

Acq: 11 Dec 2020 21:39

Instrument :

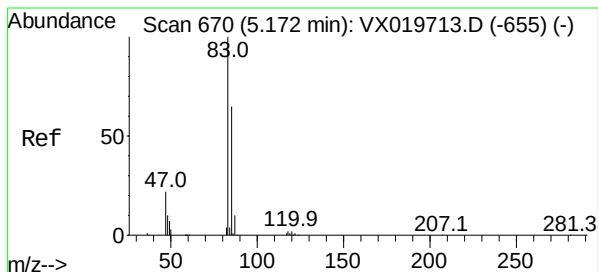
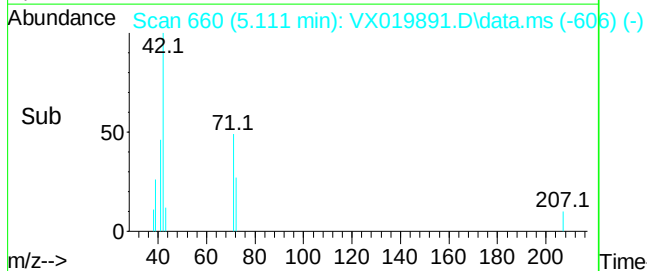
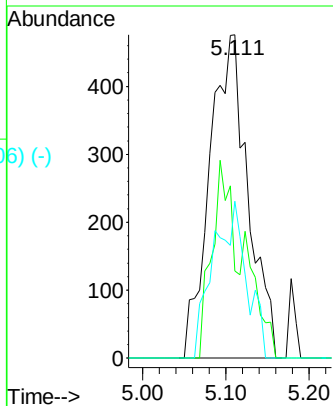
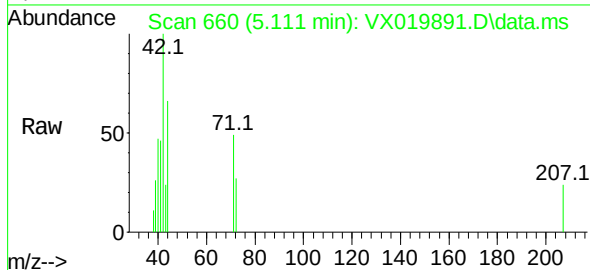
MSVOA_X

ClientSampleId :

RE132D6-20201207

Tgt Ion: 42 Resp: 1531

Ion	Ratio	Lower	Upper
42	100		
72	34.9	41.7	62.5#
71	42.3	38.4	57.6



#30

Chloroform

Concen: 1.20 ug/l

RT: 5.172 min Scan# 670

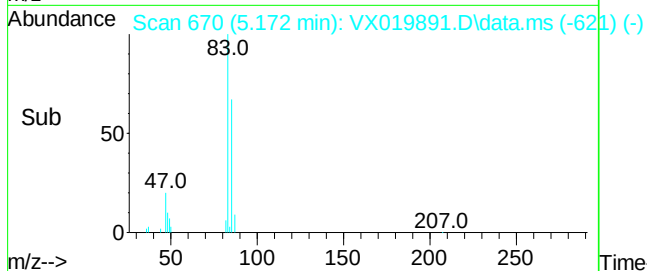
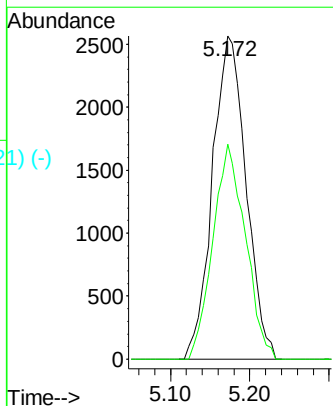
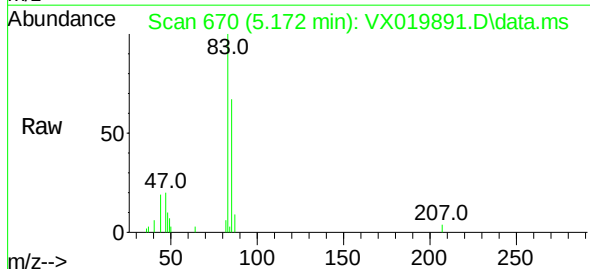
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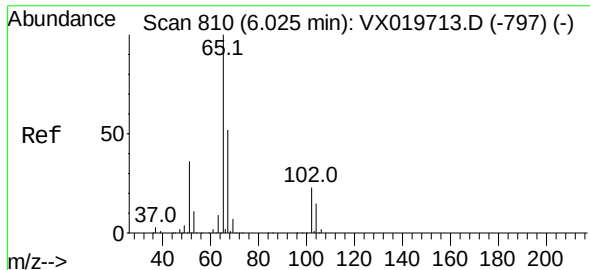
Lab File: VX019891.D

Acq: 11 Dec 2020 21:39

Tgt Ion: 83 Resp: 7551

Ion	Ratio	Lower	Upper
83	100		
85	66.6	52.0	78.0





#33

1,2-Dichloroethane-d4

Concen: 48.63 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX019891.D

Acq: 11 Dec 2020 21:39

Tgt Ion: 65 Resp: 206692

Ion Ratio Lower Upper

65 100

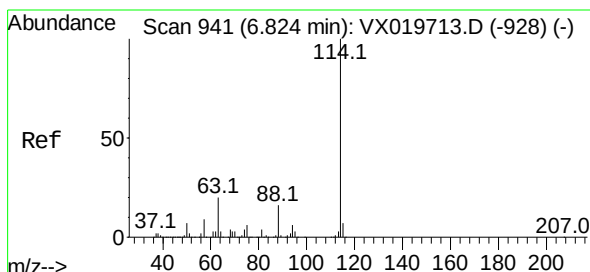
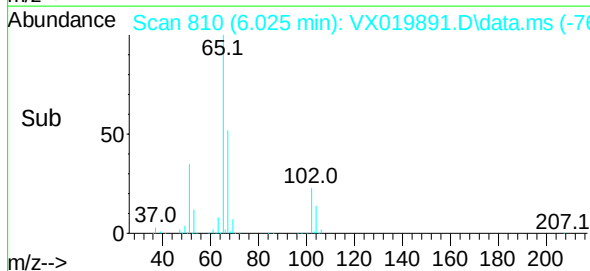
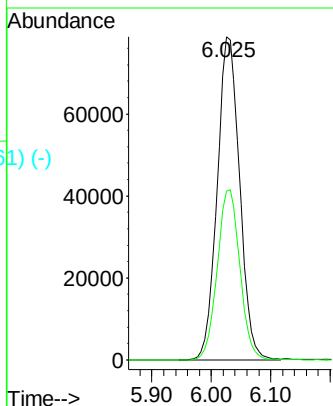
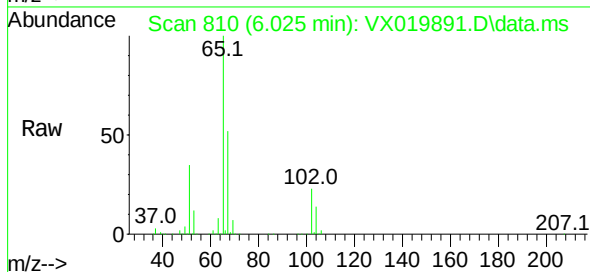
67 53.1 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20201207



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX019891.D

Acq: 11 Dec 2020 21:39

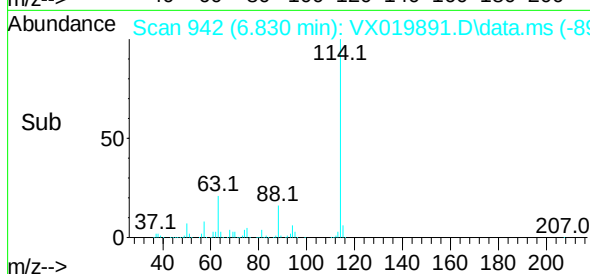
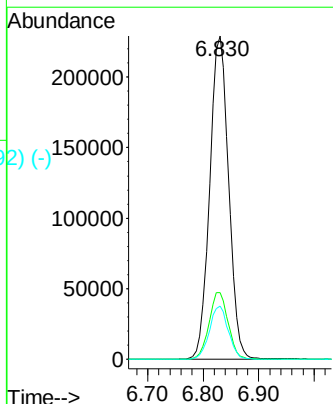
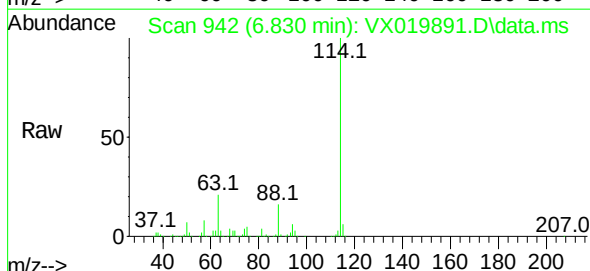
Tgt Ion:114 Resp: 540436

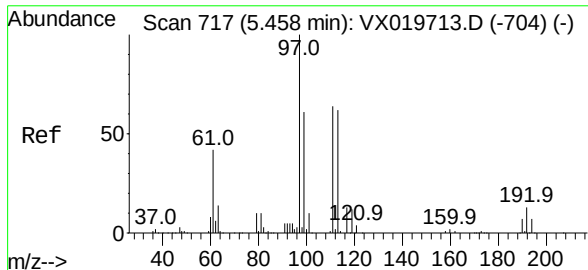
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 16.4 0.0 32.8

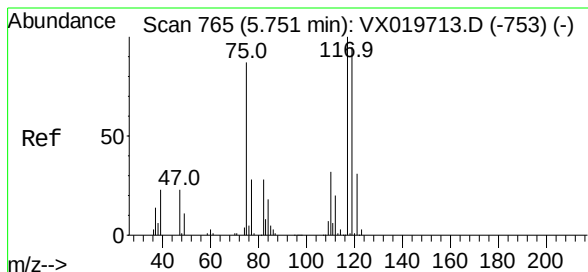
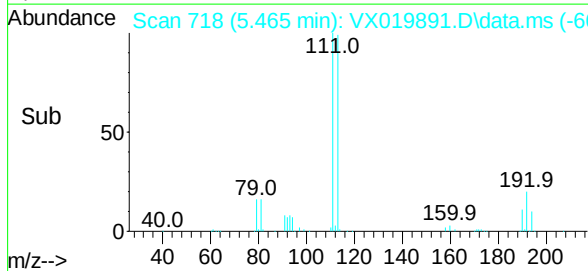
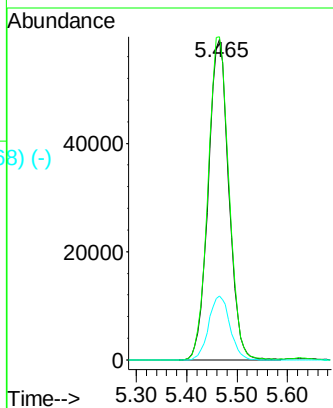
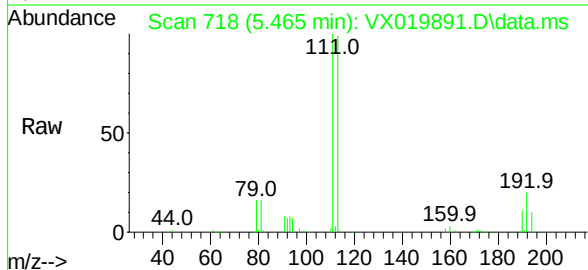




#35
Dibromofluoromethane
Concen: 47.84 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX019891.D
Acq: 11 Dec 2020 21:39

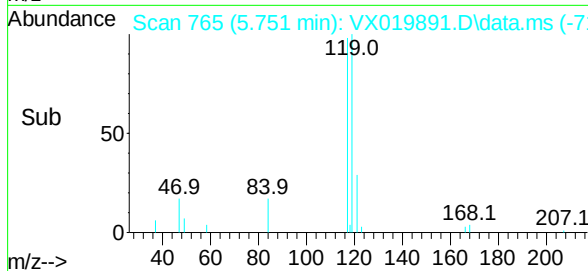
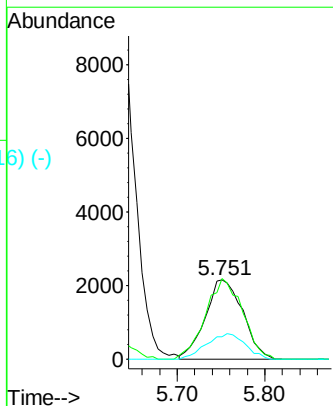
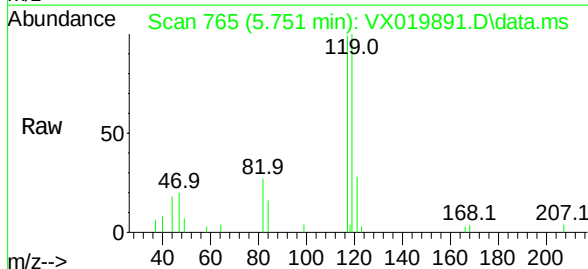
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MSVOA_X
ClientSampleId :
RE132D6-20201207

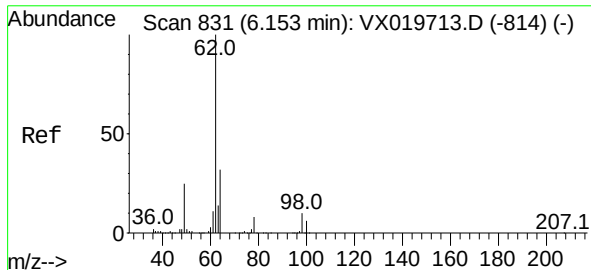
Tgt Ion:113 Resp: 167109
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.6 16.7 25.1



#38
Carbon Tetrachloride
Concen: 1.34 ug/l
RT: 5.751 min Scan# 765
Delta R.T. 0.000 min
Lab File: VX019891.D
Acq: 11 Dec 2020 21:39

Tgt Ion:117 Resp: 6392
Ion Ratio Lower Upper
117 100
119 101.3 76.2 114.2
121 28.0 24.8 37.2





#42

1,2-Dichloroethane

Concen: 0.37 ug/l

RT: 6.160 min Scan# 832

Delta R.T. 0.006 min

Lab File: VX019891.D

Acq: 11 Dec 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

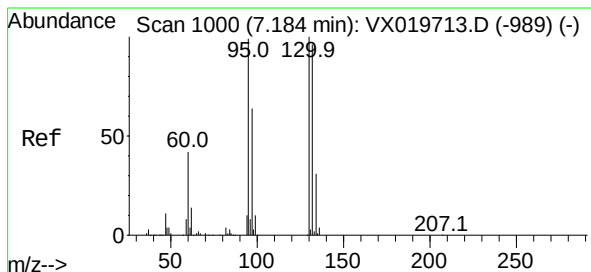
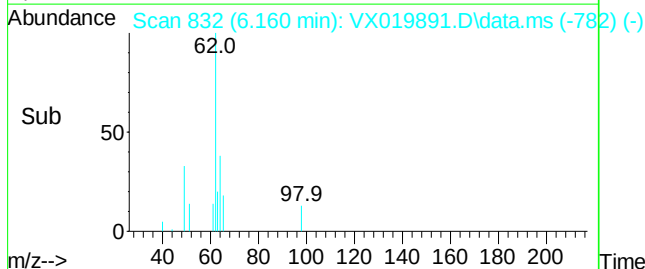
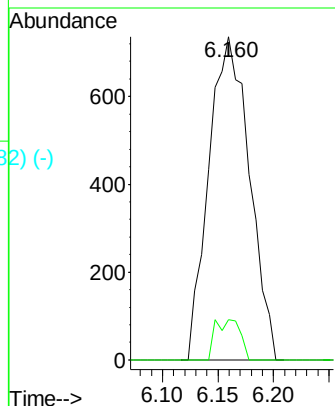
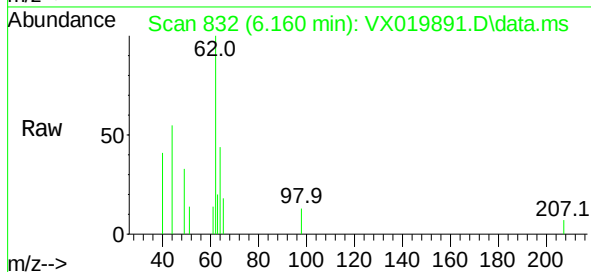
RE132D6-20201207

Tgt Ion: 62 Resp: 1873

Ion Ratio Lower Upper

62 100

98 7.7 0.0 20.2



#44

Trichloroethene

Concen: 1531.11 ug/l

RT: 7.190 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VX019891.D

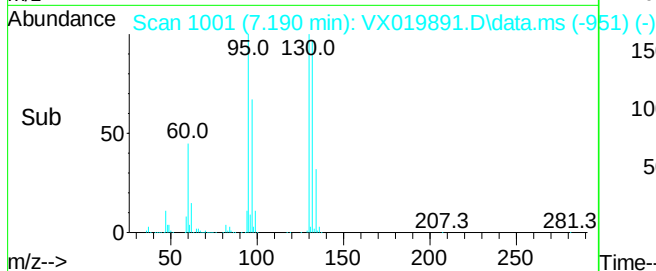
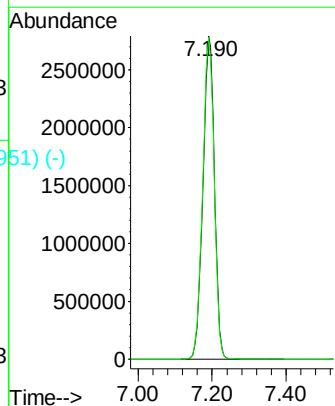
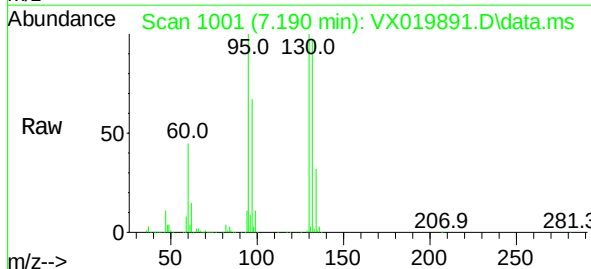
Acq: 11 Dec 2020 21:39

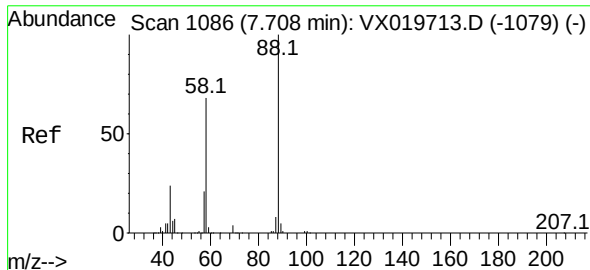
Tgt Ion:130 Resp: 5992889

Ion Ratio Lower Upper

130 100

95 99.7 0.0 198.0

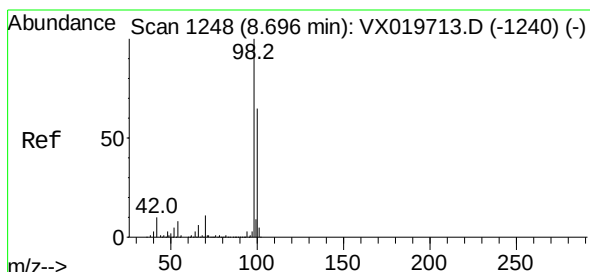
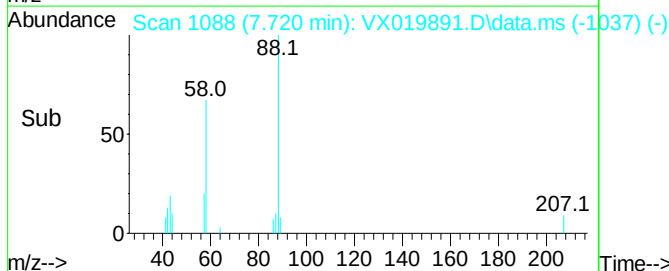
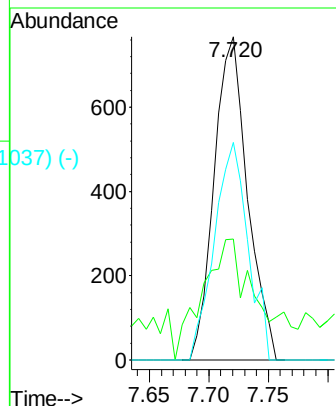
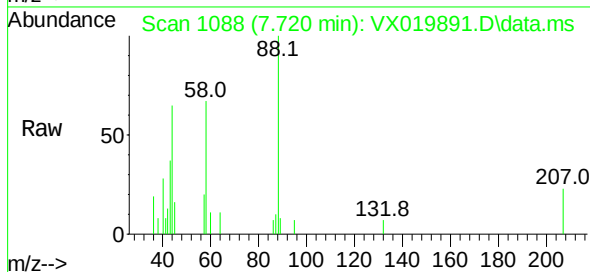




#49
1,4-Dioxane
Concen: 15.73 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX019891.D
Acq: 11 Dec 2020 21:39

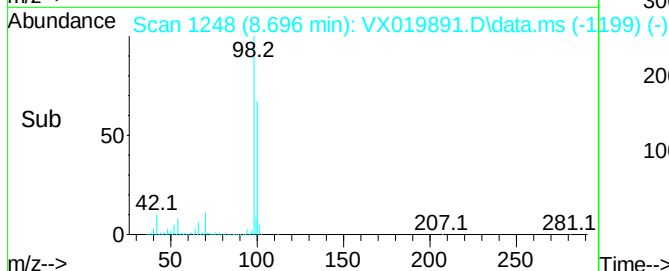
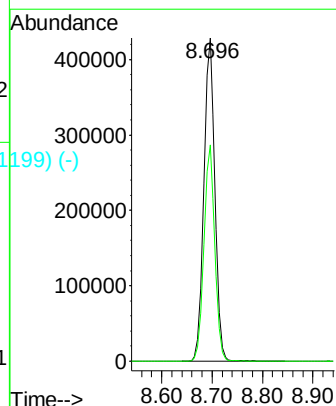
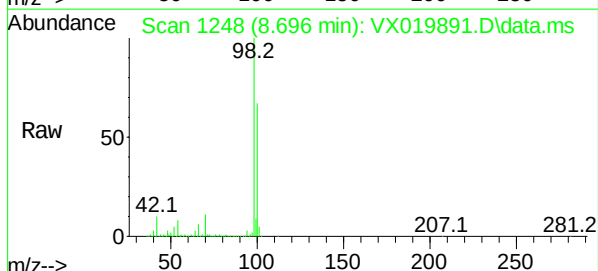
Instrument :
MSVOA_X
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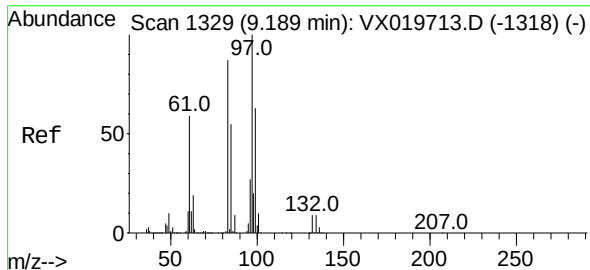
Tgt Ion:	88	Resp:	1502
Ion	Ratio	Lower	Upper
88	100		
43	63.0	23.2	34.8#
58	68.2	55.0	82.4



#50
Toluene-d8
Concen: 48.62 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX019891.D
Acq: 11 Dec 2020 21:39

Tgt Ion:	98	Resp:	648282
Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.9	77.9

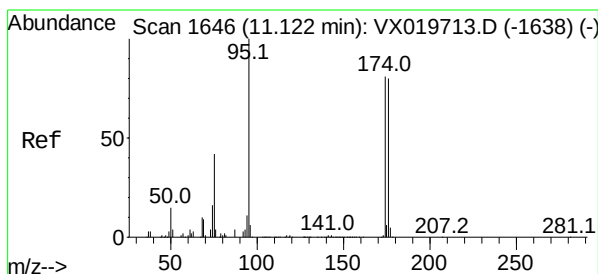
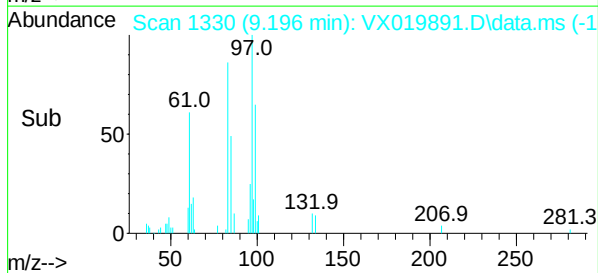
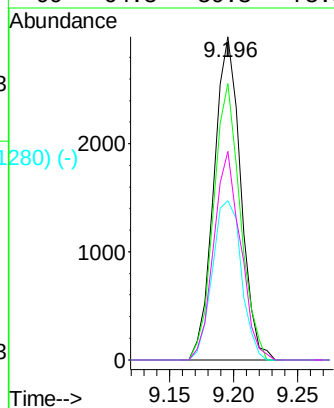
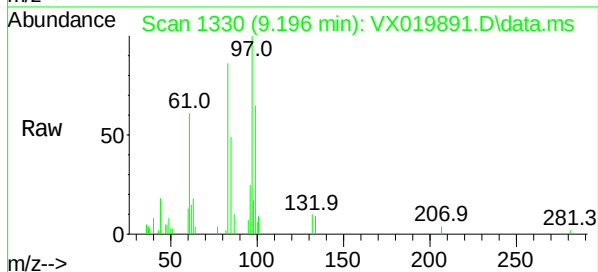




#55
1,1,2-Trichloroethane
Concen: 1.15 ug/l
RT: 9.196 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VX019891.D
Acq: 11 Dec 2020 21:39

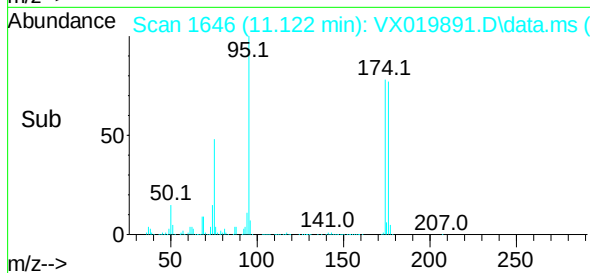
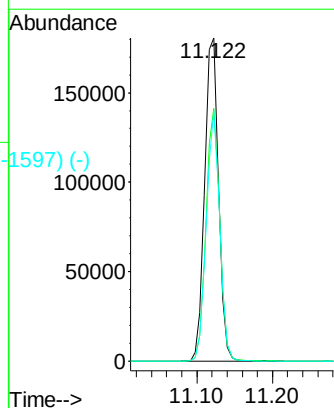
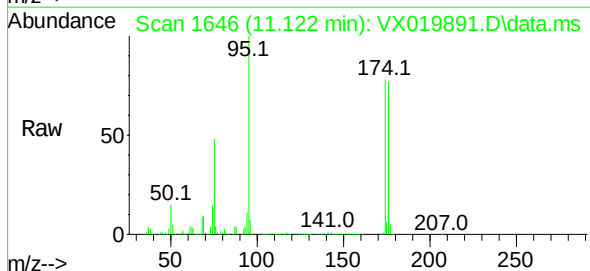
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20201207

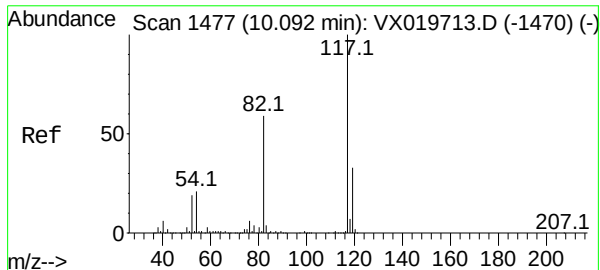
Tgt Ion:	97	Resp:	4341
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.3	103.9
85	49.3	44.3	66.5
99	64.5	50.3	75.5



#62
4-Bromofluorobenzene
Concen: 45.29 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX019891.D
Acq: 11 Dec 2020 21:39

Tgt Ion:	95	Resp:	229844
Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	154.6
176	75.1	0.0	155.8

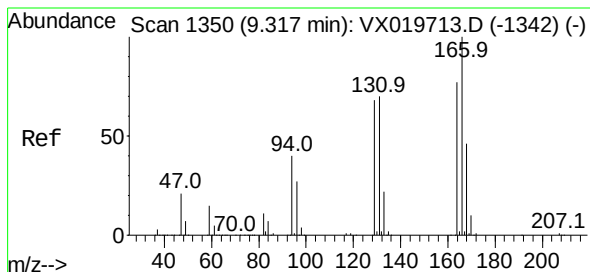
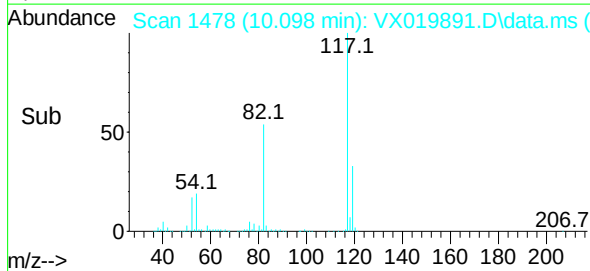
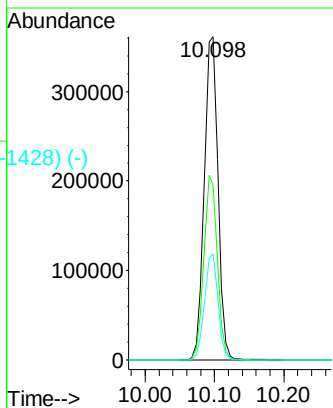
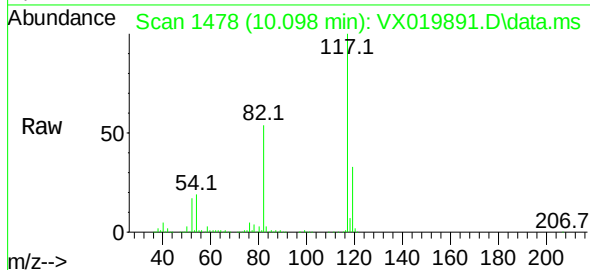




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX019891.D
Acq: 11 Dec 2020 21:39

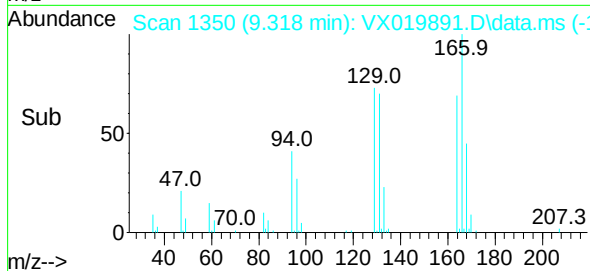
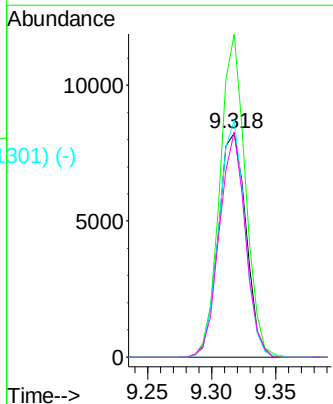
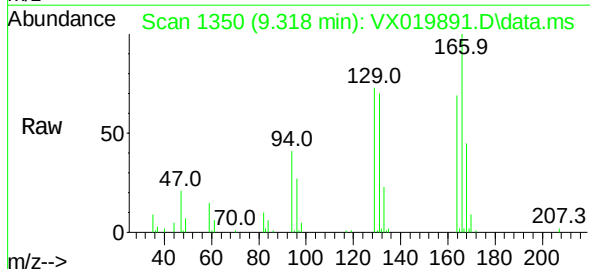
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20201207

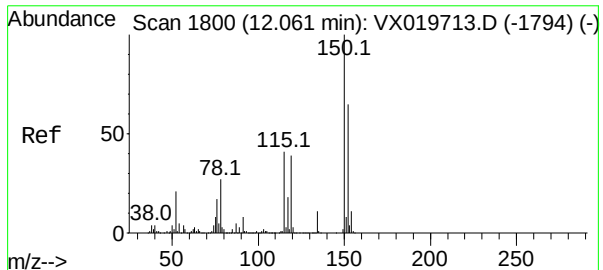
Tgt Ion:	117	Resp:	498686
Ion	Ratio	Lower	Upper
117	100		
82	54.0	47.4	71.2
119	32.8	26.6	39.8



#64
Tetrachloroethene
Concen: 3.69 ug/l
RT: 9.318 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX019891.D
Acq: 11 Dec 2020 21:39

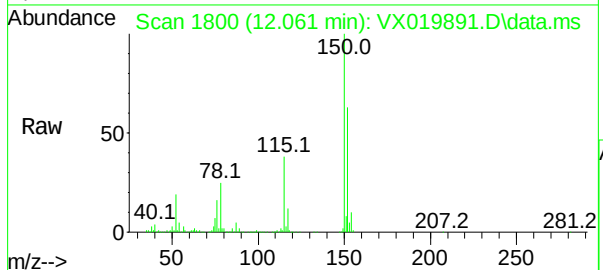
Tgt Ion:	164	Resp:	12356
Ion	Ratio	Lower	Upper
164	100		
166	144.2	103.4	155.2
129	105.8	70.8	106.2
131	100.5	72.5	108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. 0.000 min
 Lab File: VX019891.D
 Acq: 11 Dec 2020 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20201207



Tgt Ion:	152	Resp:	219368
Ion	Ratio	Lower	Upper
152	100		
115	59.7	41.1	123.3
150	154.6	0.0	349.0

