

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
 Data File : VX019889.D
 Acq On : 11 Dec 2020 20:53
 Operator : JC/MD
 Sample : L4996-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20201207

Quant Time: Dec 12 00:04:35 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)

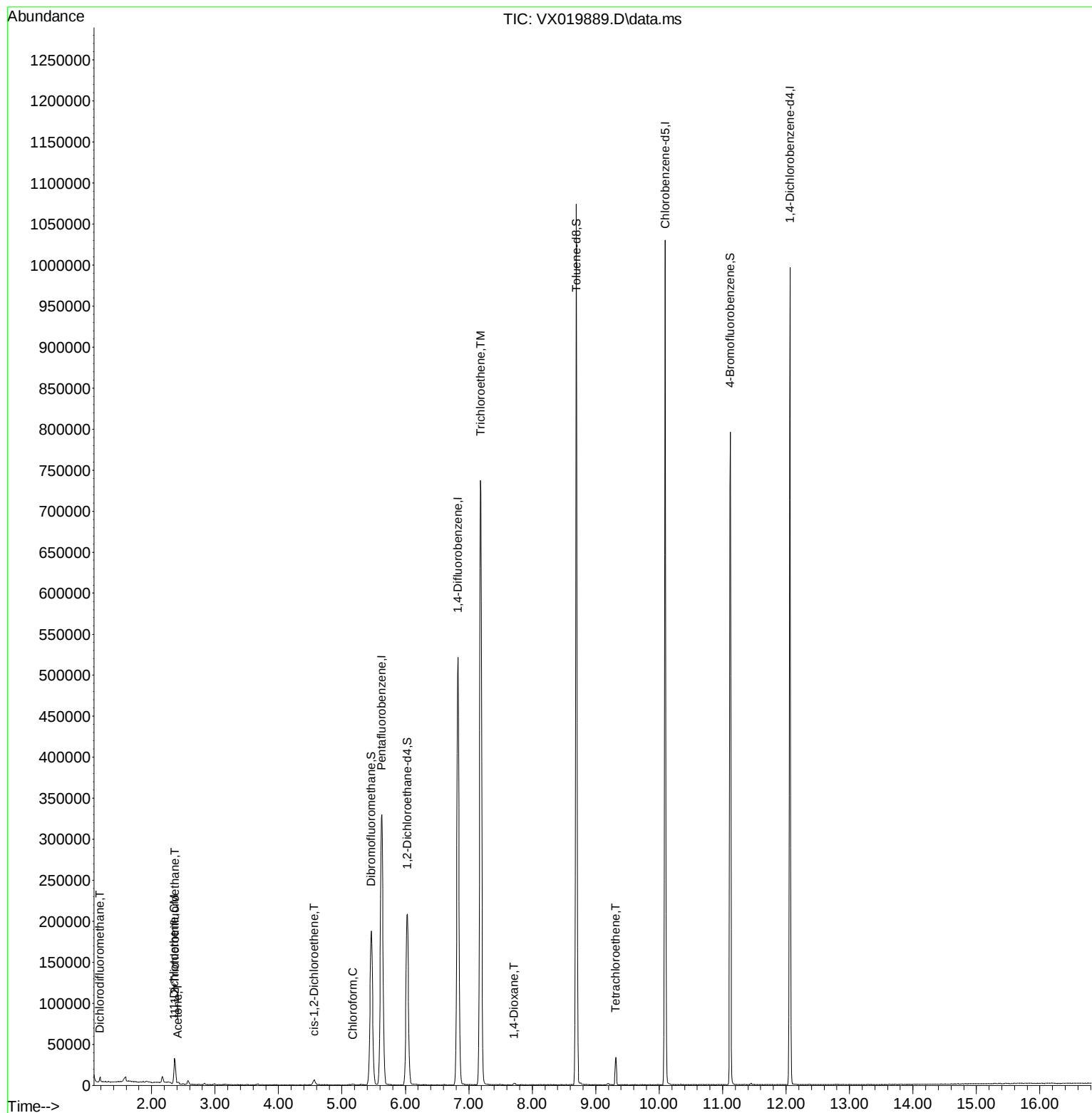
Internal Standards						
1) Pentafluorobenzene	5.629	168	317111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	527488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	475779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	204457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	200763	48.17	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	96.34%	
35) Dibromofluoromethane	5.464	113	163063	47.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	95.66%	
50) Toluene-d8	8.696	98	642477	49.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.122	95	220192	44.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	88.90%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	2131	0.73	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.367	101	11875	4.13	ug/l	99
12) 1,1-Dichloroethene	2.355	96	1674	0.58	ug/l #	94
16) Acetone	2.416	43	2082	1.33	ug/l	91
27) cis-1,2-Dichloroethene	4.562	96	3924	0.99	ug/l	95
30) Chloroform	5.172	83	1250	0.20	ug/l	95
44) Trichloroethene	7.184	130	292297	76.51	ug/l	98
49) 1,4-Dioxane	7.714	88	1605	17.22	ug/l #	91
64) Tetrachloroethene	9.317	164	6443	2.02	ug/l	91

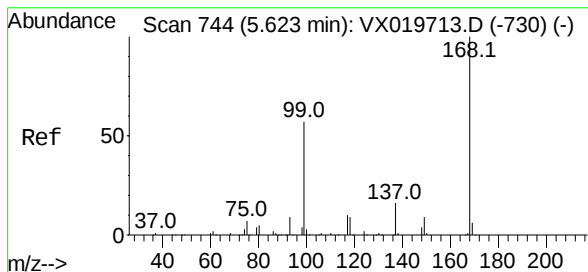
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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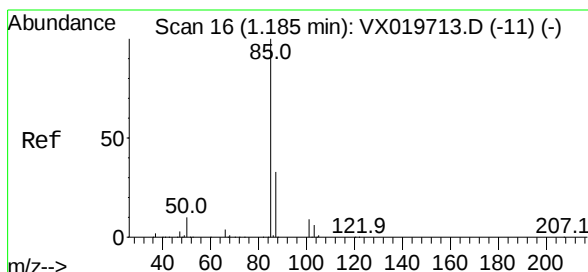
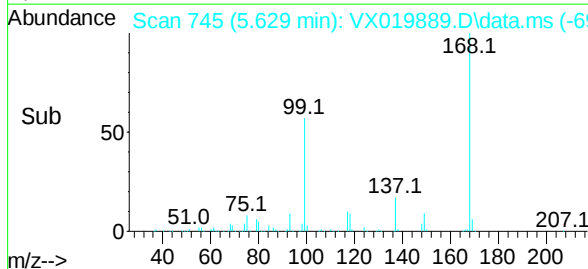
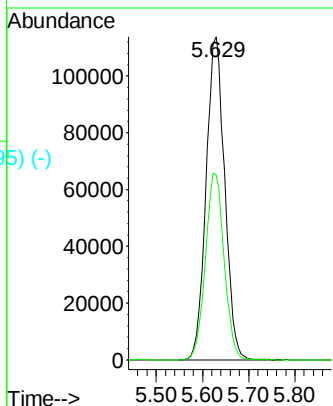
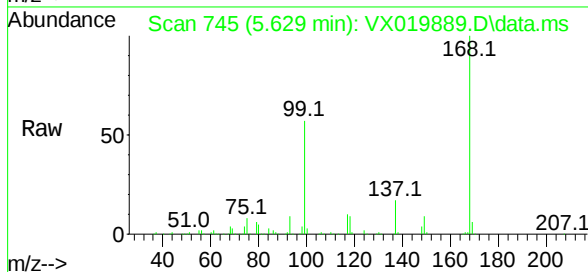




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

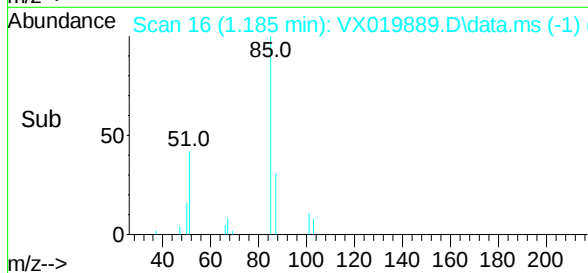
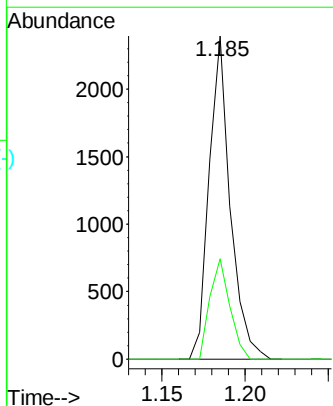
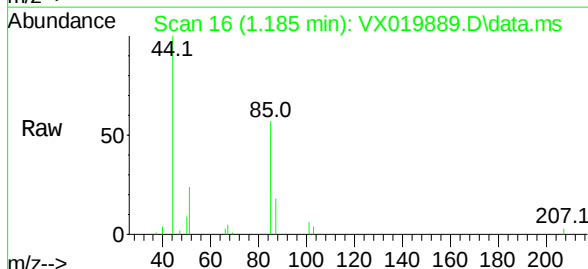
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

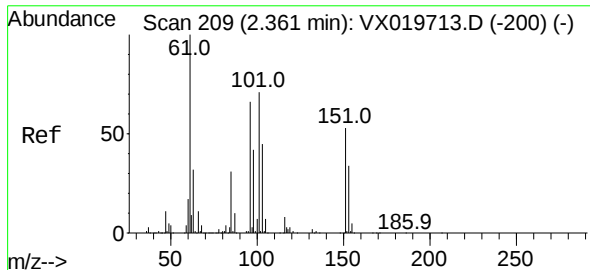
Tgt Ion:168 Resp: 317111
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.73 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Tgt Ion: 85 Resp: 2131
Ion Ratio Lower Upper
85 100
87 31.1 16.4 49.2

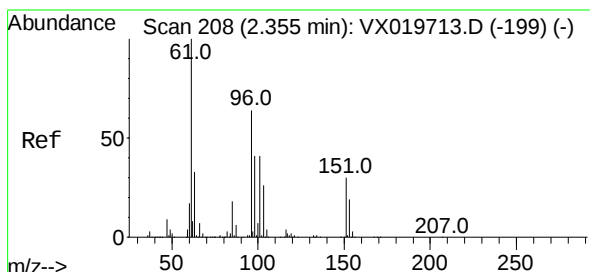
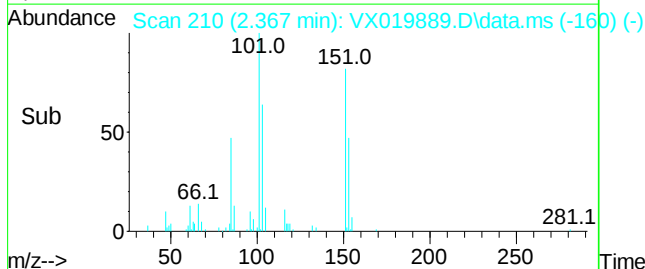
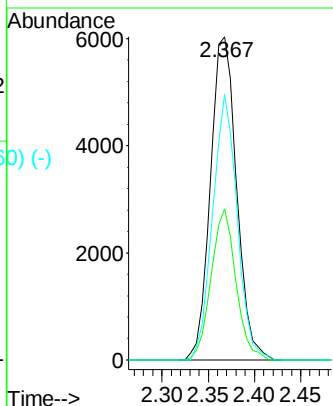
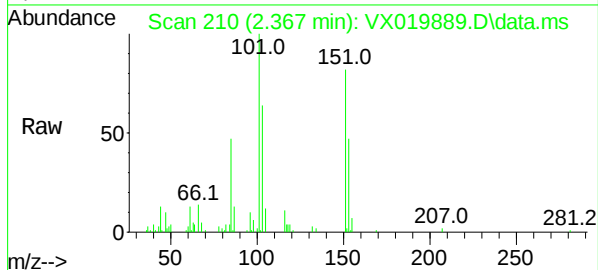




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.13 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

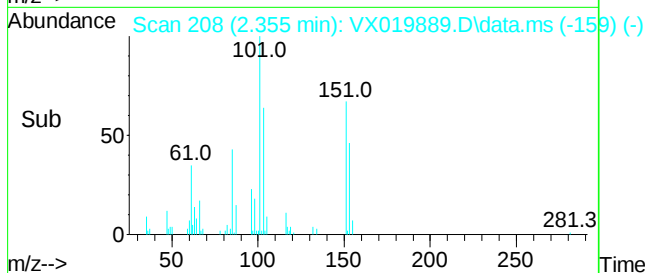
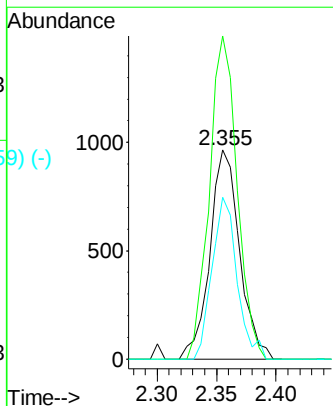
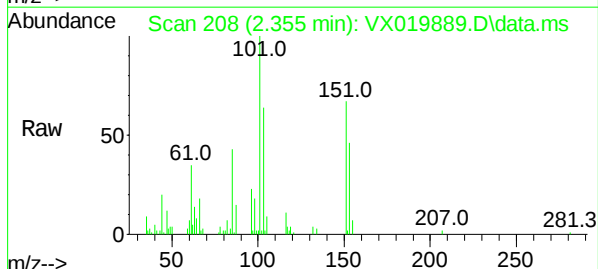
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

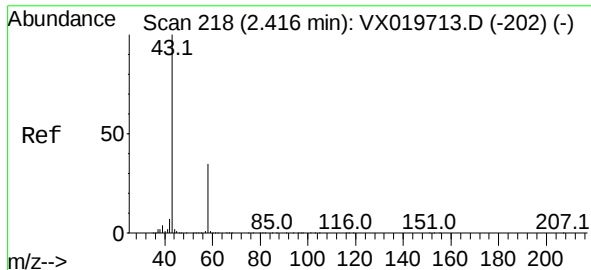
Tgt Ion:	101	Resp:	11875
Ion	Ratio	Lower	Upper
101	100		
85	44.2	34.9	52.3
151	77.0	61.4	92.2



#12
1,1-Dichloroethene
Concen: 0.58 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Tgt Ion:	96	Resp:	1674
Ion	Ratio	Lower	Upper
96	100		
61	154.7	124.6	187.0
98	77.5	50.6	76.0#





#16

Acetone

Concen: 1.33 ug/l

RT: 2.416 min Scan# 218

Delta R.T. 0.000 min

Lab File: VX019889.D

Acq: 11 Dec 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

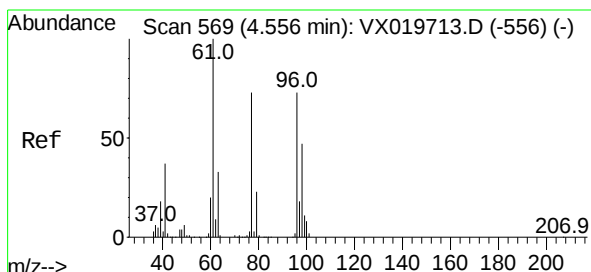
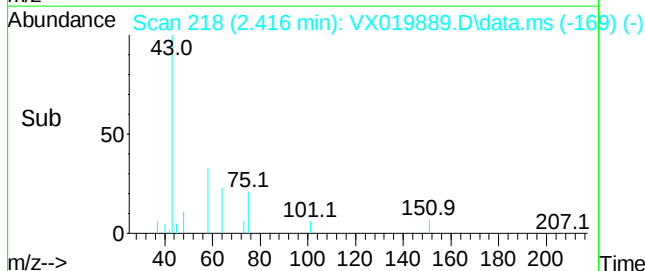
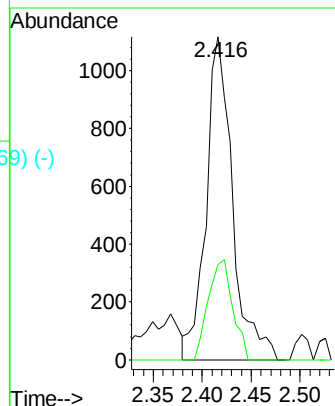
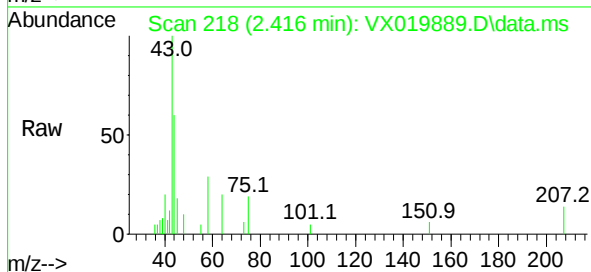
RE132D3-20201207

Tgt Ion: 43 Resp: 2082

Ion Ratio Lower Upper

43 100

58 29.4 27.8 41.8



#27

cis-1,2-Dichloroethene

Concen: 0.99 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX019889.D

Acq: 11 Dec 2020 20:53

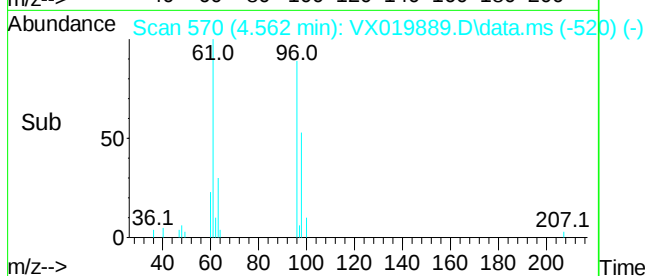
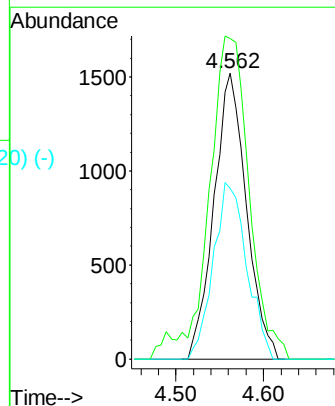
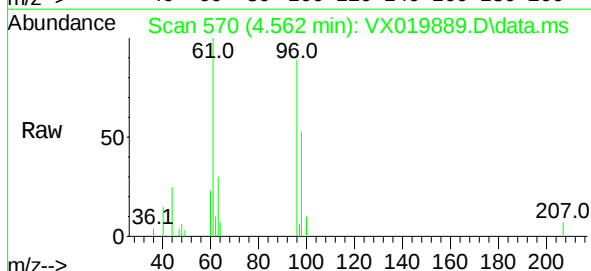
Tgt Ion: 96 Resp: 3924

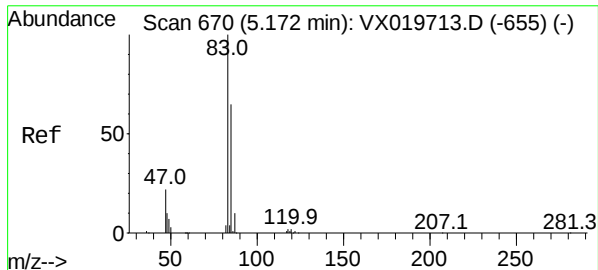
Ion Ratio Lower Upper

96 100

61 135.2 0.0 285.6

98 63.6 0.0 129.6

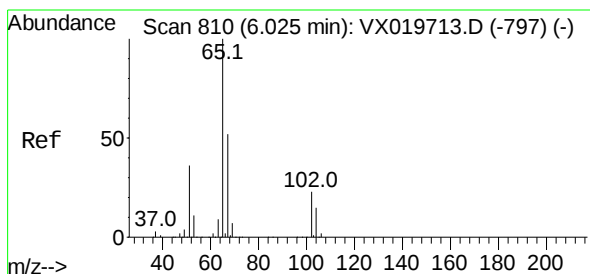
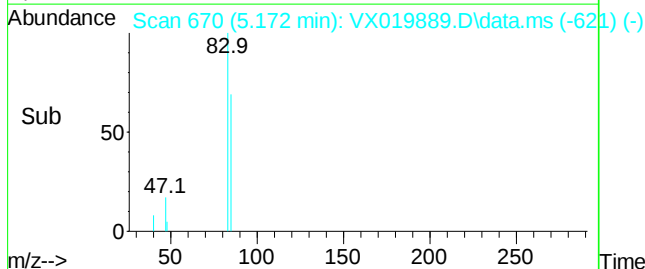
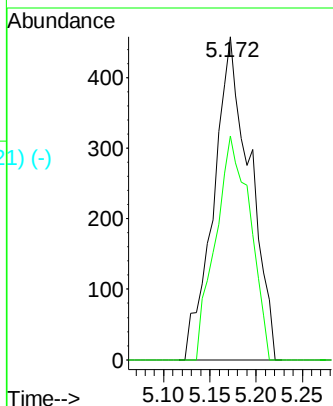
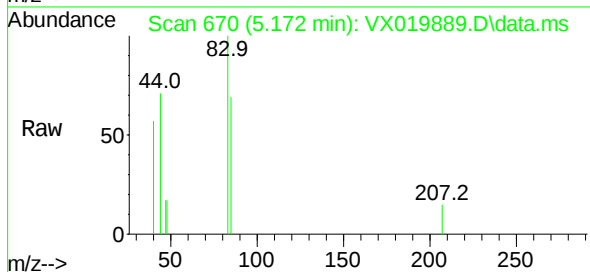




#30
Chloroform
Concen: 0.20 ug/l
RT: 5.172 min Scan# 670
Delta R.T. 0.000 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

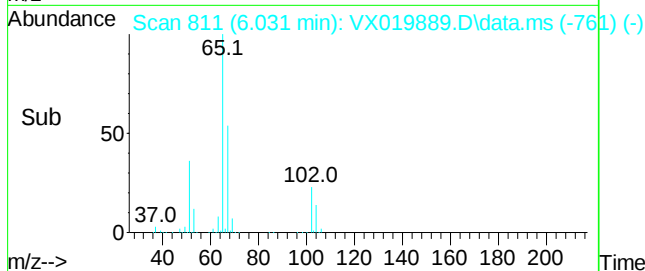
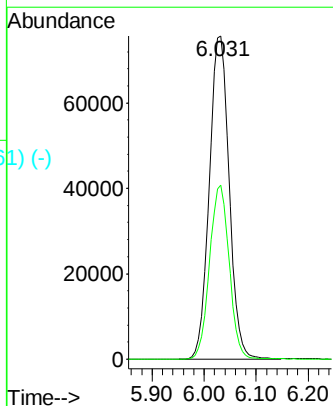
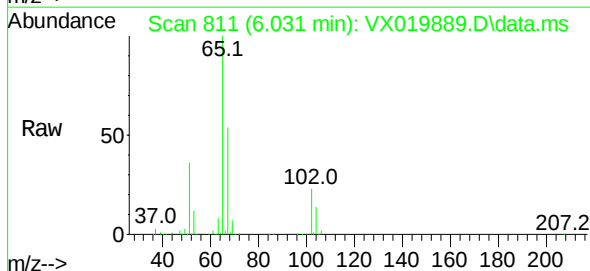
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

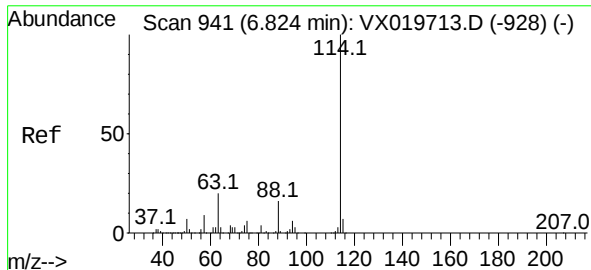
Tgt Ion: 83 Resp: 1250
Ion Ratio Lower Upper
83 100
85 69.2 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 48.17 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Tgt Ion: 65 Resp: 200763
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: VX019889.D

Acq: 11 Dec 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20201207

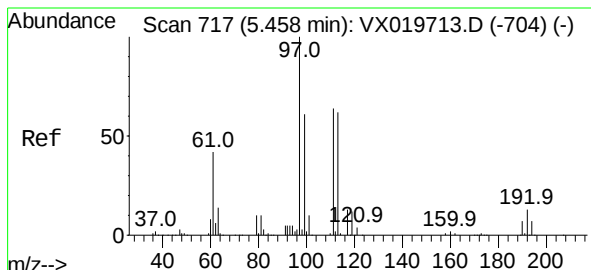
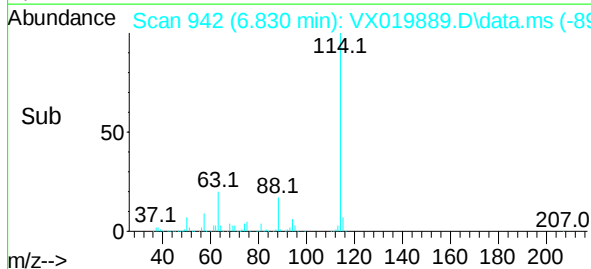
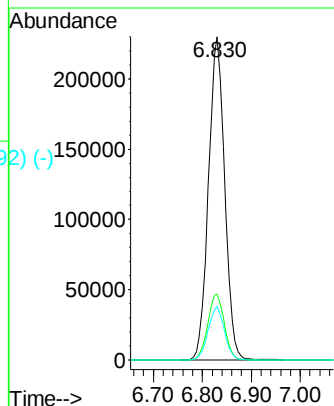
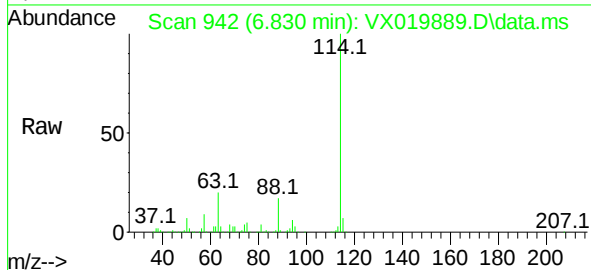
Tgt Ion:114 Resp: 527488

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 16.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.83 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX019889.D

Acq: 11 Dec 2020 20:53

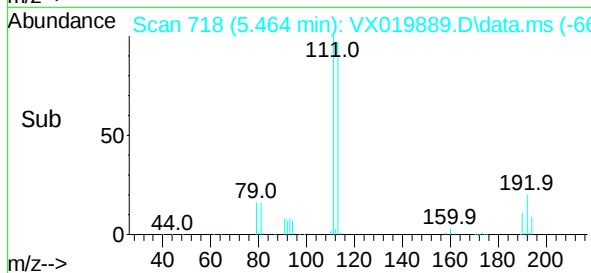
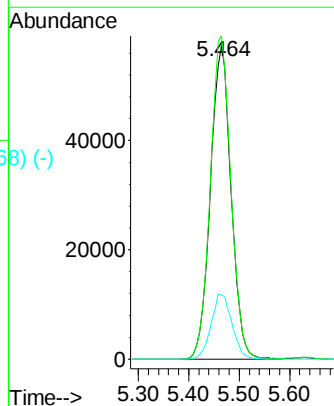
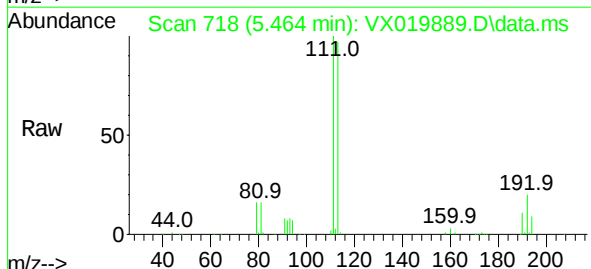
Tgt Ion:113 Resp: 163063

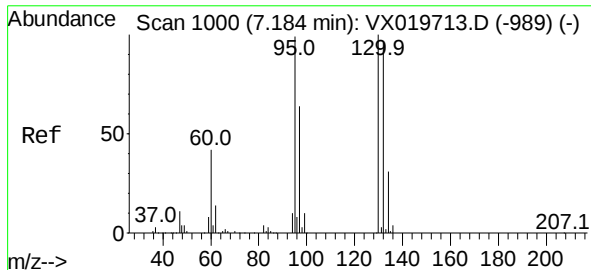
Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

192 20.8 16.7 25.1

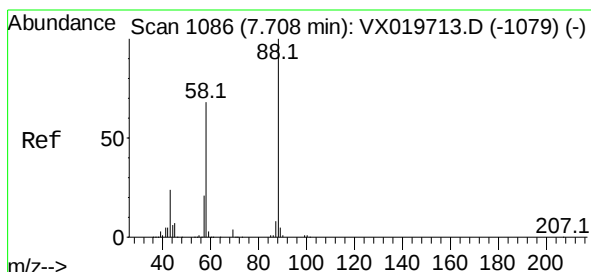
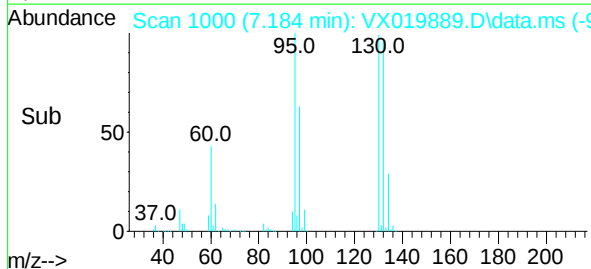
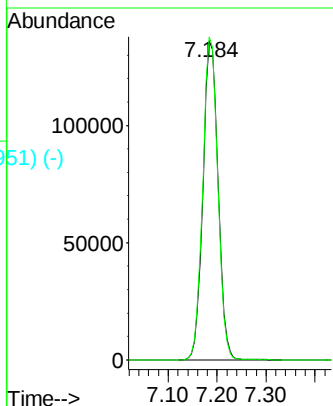
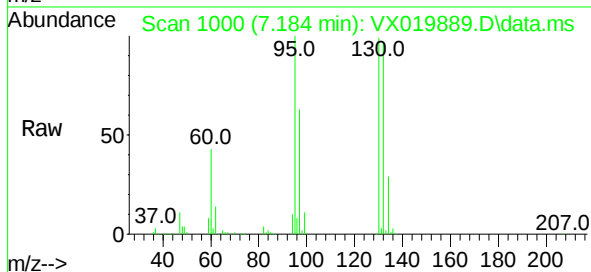




#44
Trichloroethene
Concen: 76.51 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

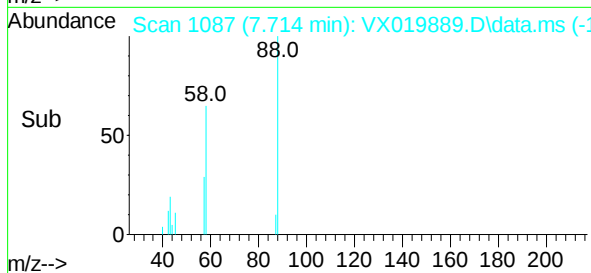
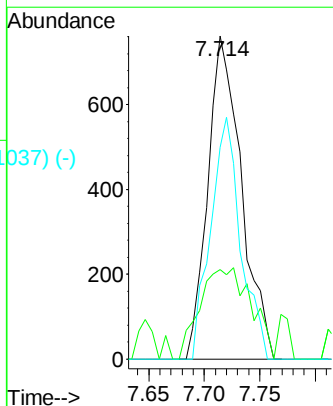
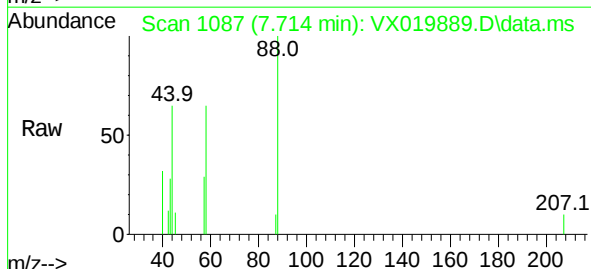
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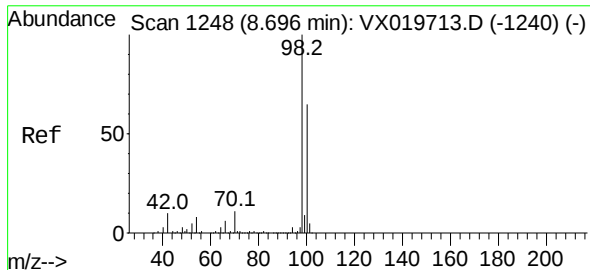
Tgt Ion:130 Resp: 292297
Ion Ratio Lower Upper
130 100
95 101.2 0.0 198.0



#49
1,4-Dioxane
Concen: 17.22 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Tgt Ion: 88 Resp: 1605
Ion Ratio Lower Upper
88 100
43 42.9 23.2 34.8#
58 67.0 55.0 82.4

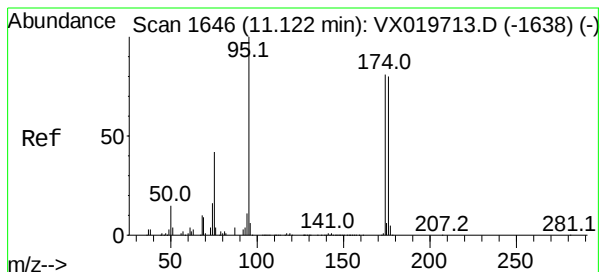
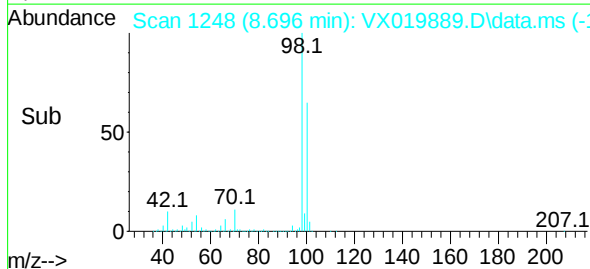
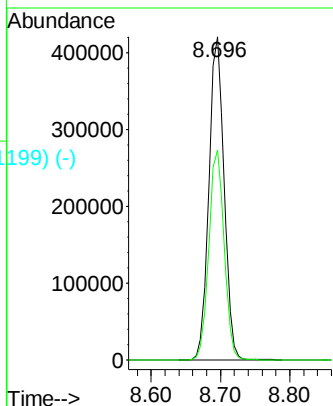
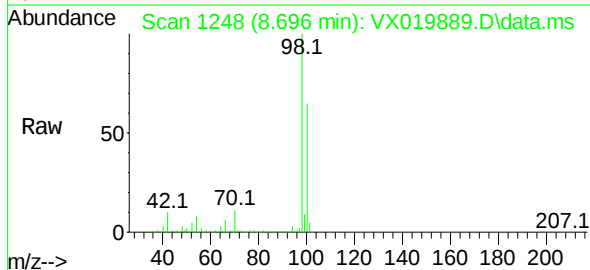




#50
Toluene-d8
Concen: 49.36 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

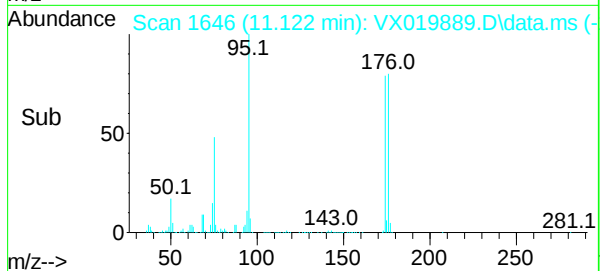
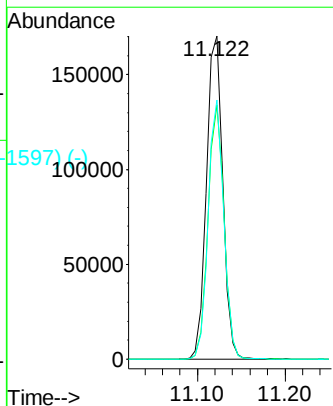
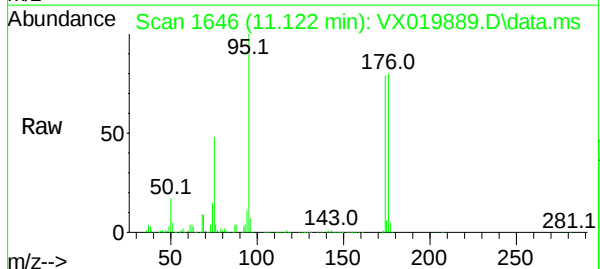
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

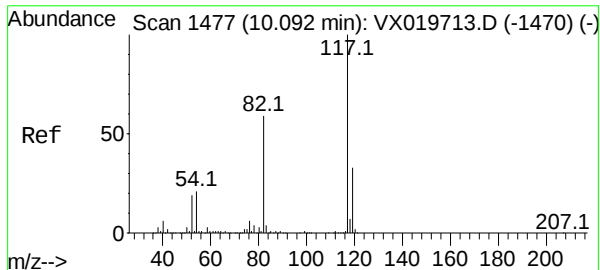
Tgt Ion: 98 Resp: 642477
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.45 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Tgt Ion: 95 Resp: 220192
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.6
176 77.0 0.0 155.8

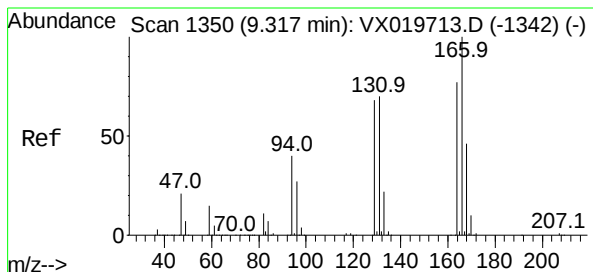
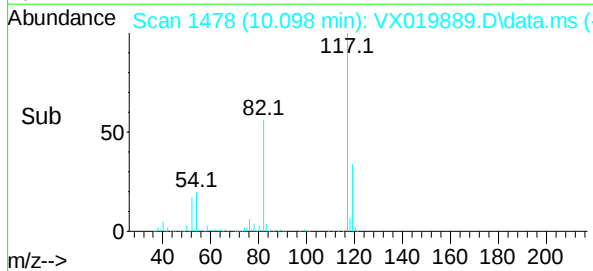
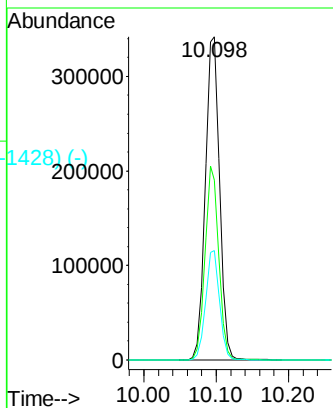
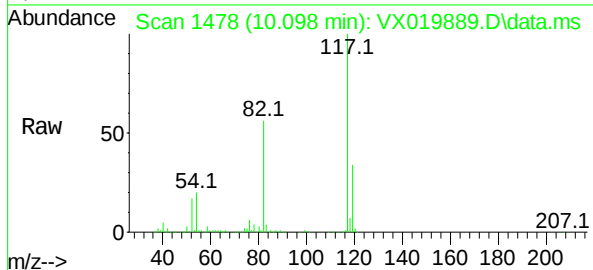




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

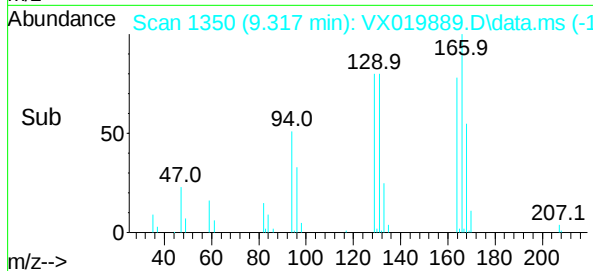
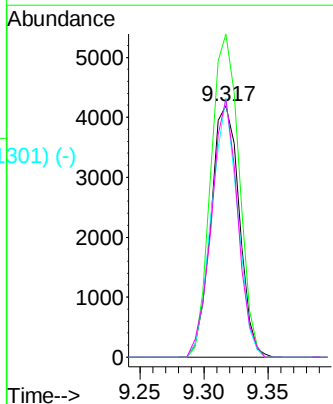
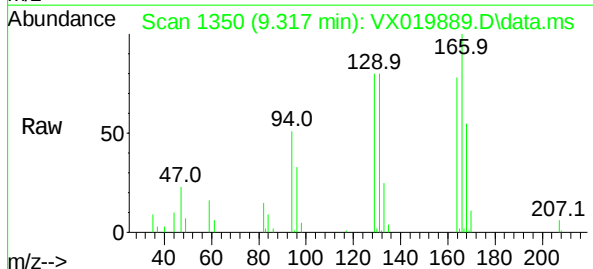
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

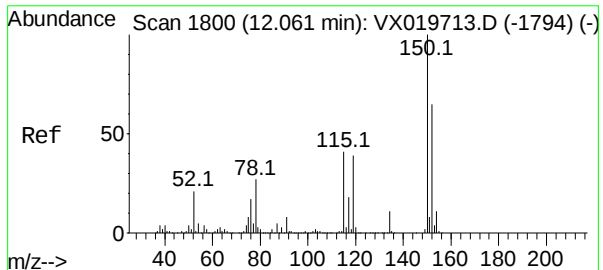
Tgt Ion:	117	Resp:	475779
Ion	Ratio	Lower	Upper
117	100		
82	55.6	47.4	71.2
119	33.8	26.6	39.8



#64
Tetrachloroethene
Concen: 2.02 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Tgt Ion:	164	Resp:	6443
Ion	Ratio	Lower	Upper
164	100		
166	128.5	103.4	155.2
129	103.1	70.8	106.2
131	102.6	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: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

Tgt Ion:	152	Resp:	204457
Ion	Ratio	Lower	Upper
152	100		
115	60.9	41.1	123.3
150	157.4	0.0	349.0

