Quantitation Report (Not Reviewed)

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 00:06:38 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	317111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	527488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	200763	48.17	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.34%			
35) Dibromofluoromethane	5.46	113	163063	47.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.66%			
50) Toluene-d8	8.70	98	642477	49.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.72%			
62) 4-Bromofluorobenzene	11.12	95	220192	44.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	2131	0.734	ug/l	97
5) Bromomethane	1.64	94	585	0.489	ug/l #	63
9) 1,1,2-Trichlorotrifluoroet	2.37	101	11875	4.132	ug/l	99
11) Tert butyl alcohol	3.00	59	683	Below Cal	#	73
12) 1,1-Dichloroethene	2.36	96	1674	0.576	ug/l #	94
16) Acetone	2.42	43	2082	1.329	ug/l	91
20) Methylene Chloride	2.84	84	773	Below Cal		92
24) 1,1-Dichloroethane	3.67	63	1360	0.227	ug/l #	81
27) cis-1,2-Dichloroethene	4.56	96	3924	0.990	ug/l	95
30) Chloroform	5.17	83	1250	0.203	ug/l	95
31) Cyclohexane	5.62	56	6105	1.178	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	24680	5.178	ug/l #	48
38) Carbon Tetrachloride	5.63	117	31143	6.672	ug/l #	17
39) Methylcyclohexane	7.18	83	3391	0.606	ug/l #	1
44) Trichloroethene	7.18	130	292297	76.511	ug/l	98
49) 1,4-Dioxane	7.71	88	1605	17.217	ug/l #	91
60) Dibromochloromethane	9.32	129	6066	1.627	ug/l #	11
64) Tetrachloroethene	9.32	164	6443	2.019	ug/l	91
76) 1,2,3-Trichloropropane	11.12	75	107725	23.492	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	107725	67.911	ug/l #	12

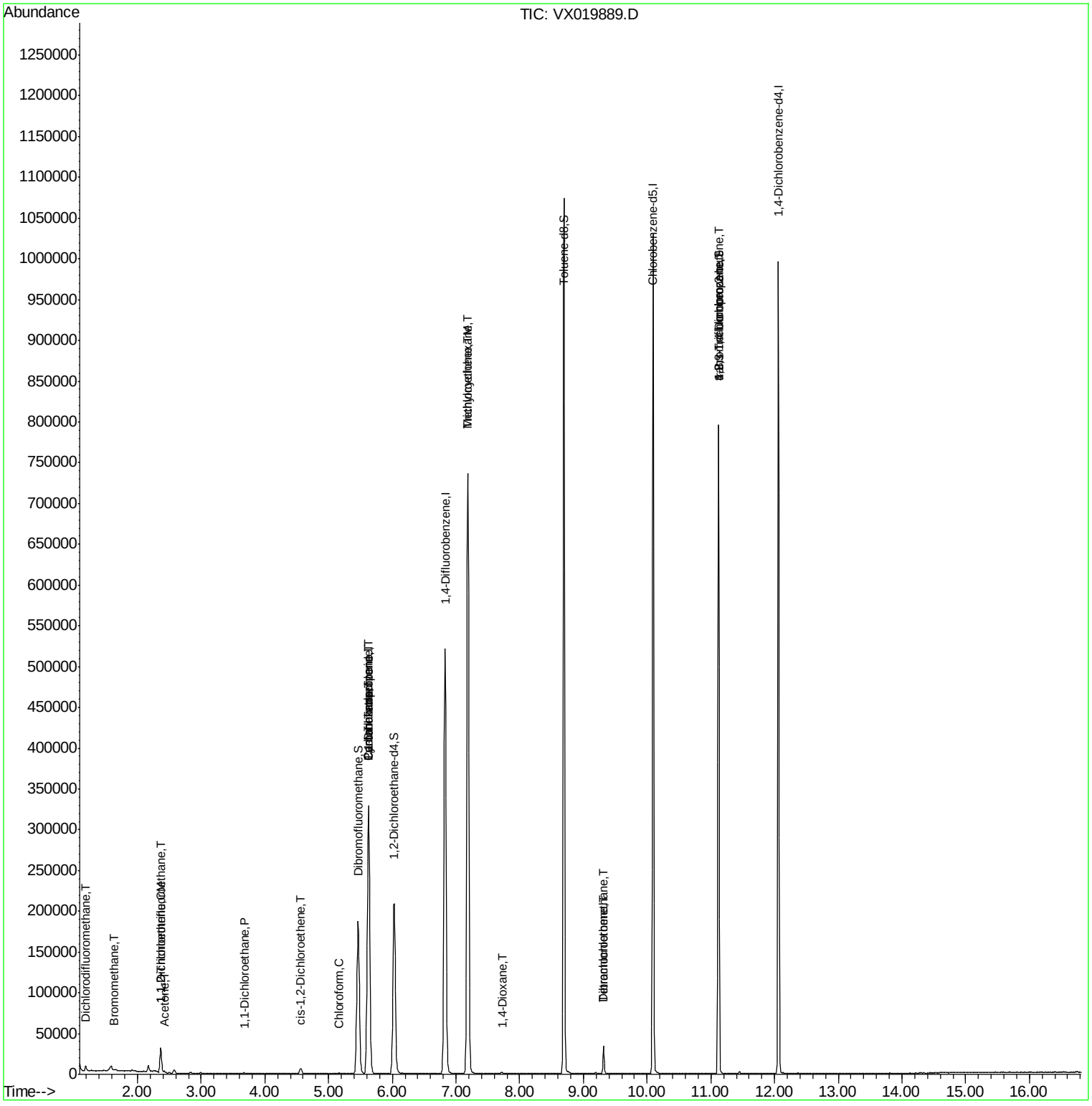
(#) = qualifier out of range (m) = manual integration (+) = signals summed

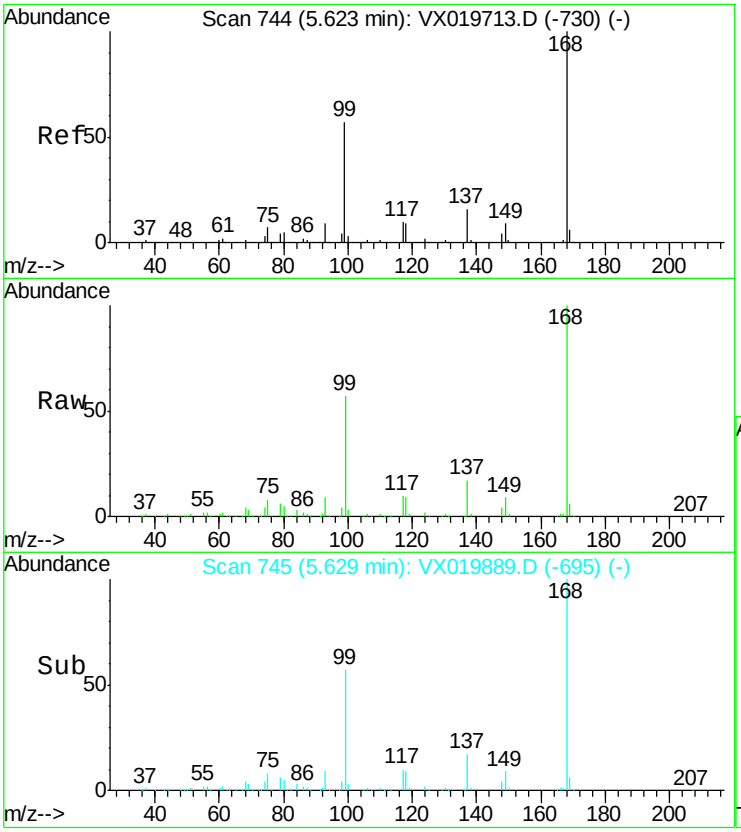
Quantitation Report (Not Reviewed)

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 00:06:38 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



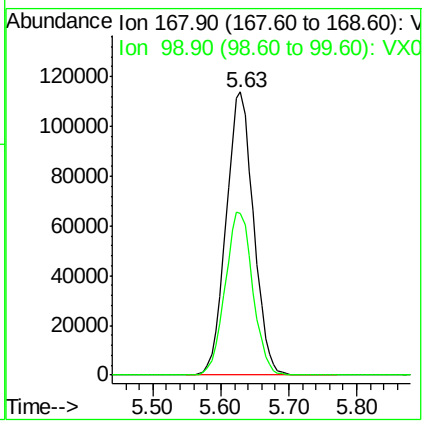


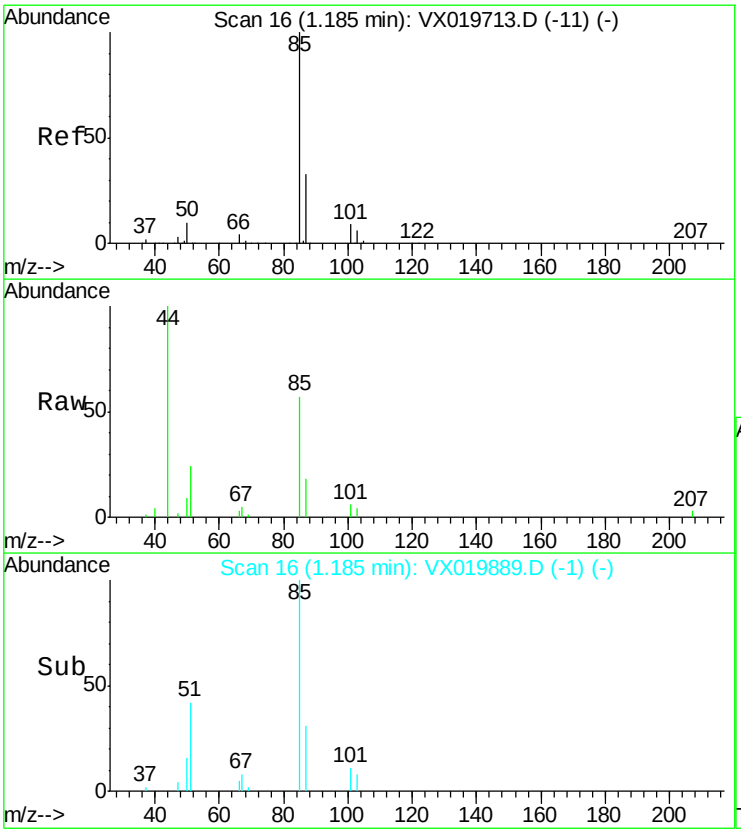
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

Tgt Ion:168 Resp: 317111

Ion	Ratio	Lower	Upper
168	100		
99	57.1	45.8	68.6

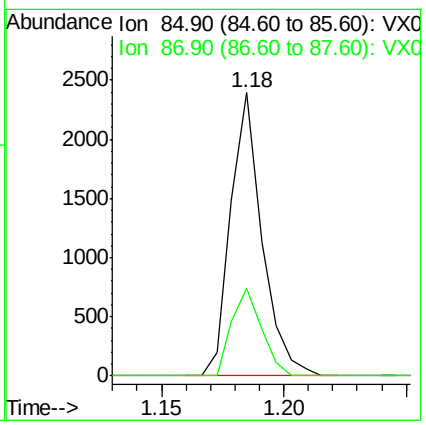


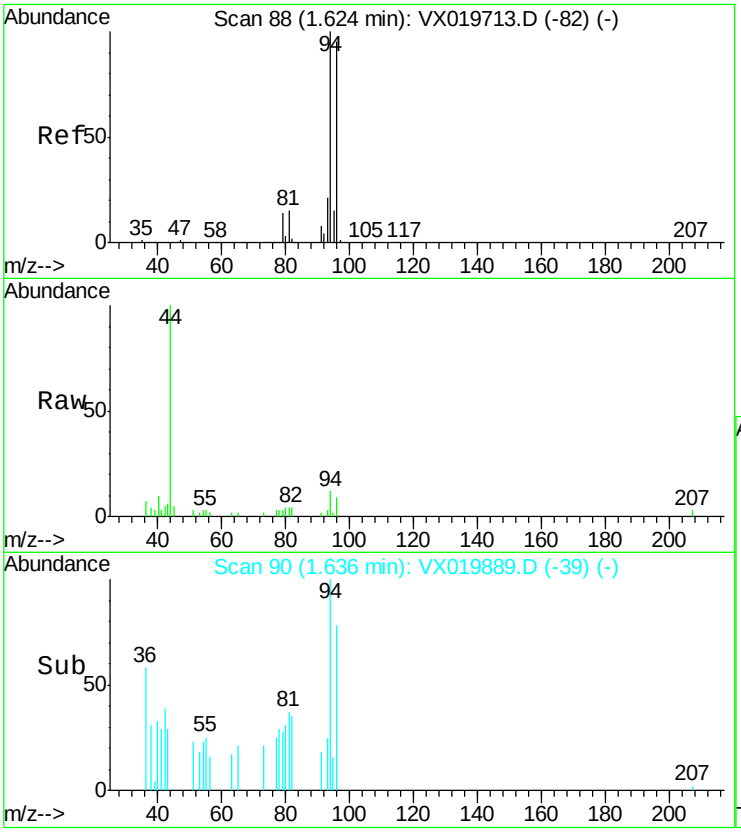


#2
Dichlorodifluoromethane
Concen: 0.734 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Tgt Ion: 85 Resp: 2131

Ion	Ratio	Lower	Upper
85	100		
87	31.1	16.4	49.2



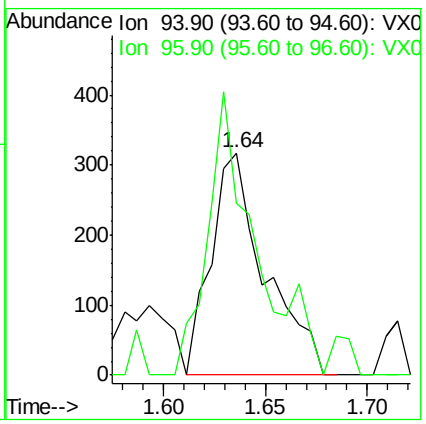


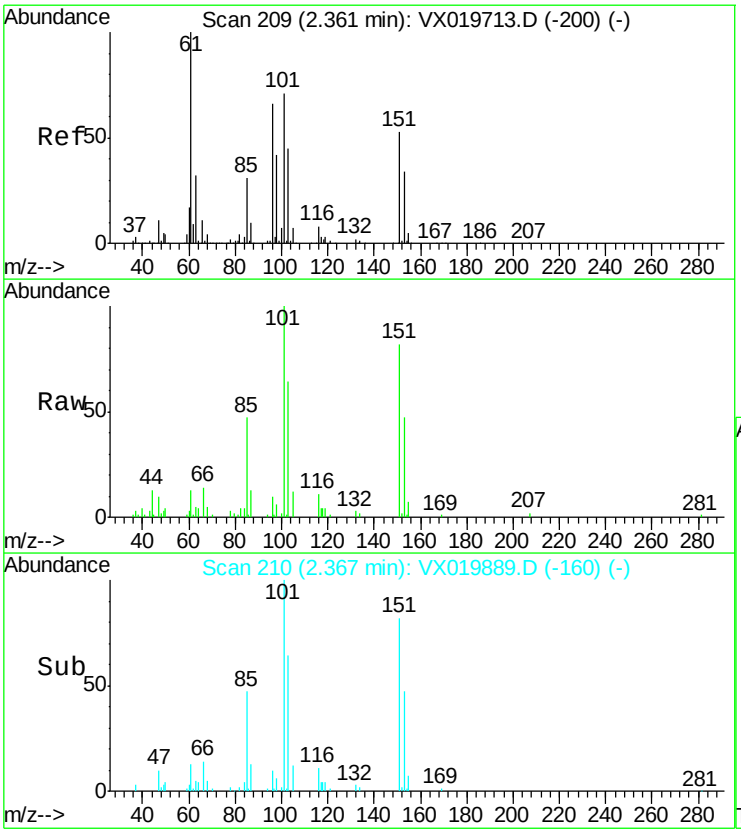
#5
Bromomethane
Concen: 0.489 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

Tgt Ion: 94 Resp: 585

Ion	Ratio	Lower	Upper
94	100		
96	59.9	76.4	114.6#

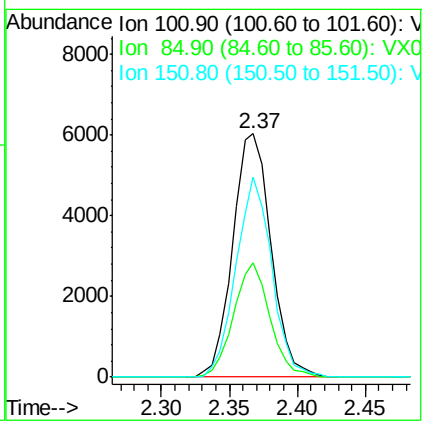


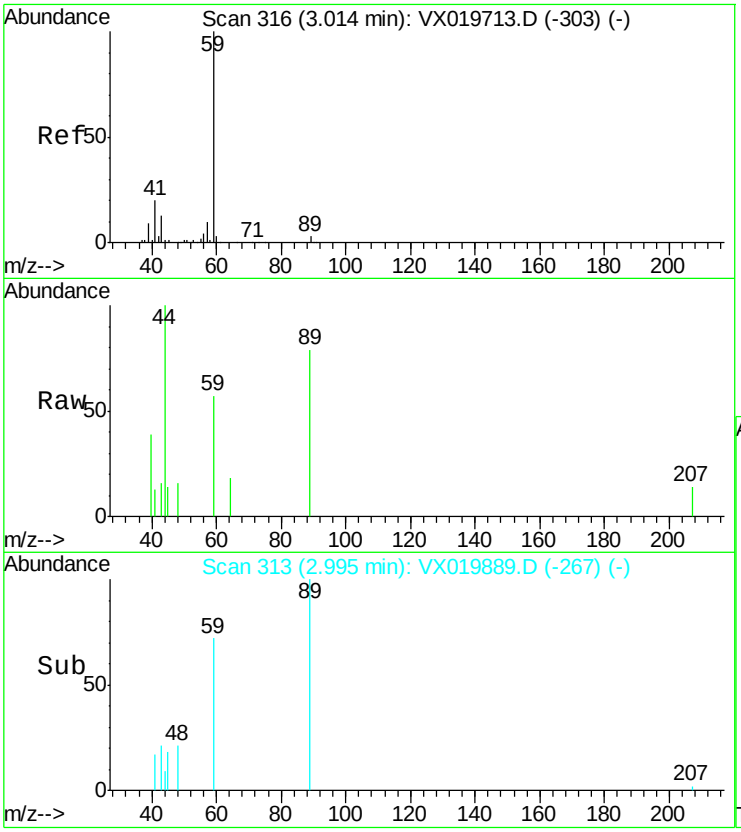


#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.132 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

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



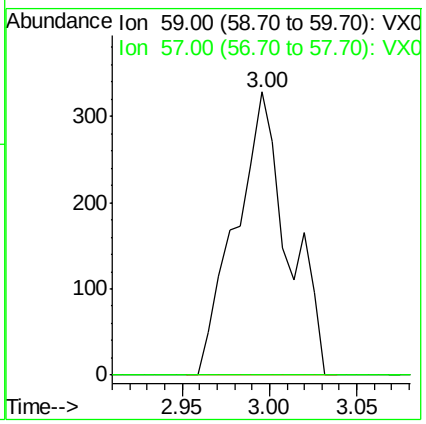


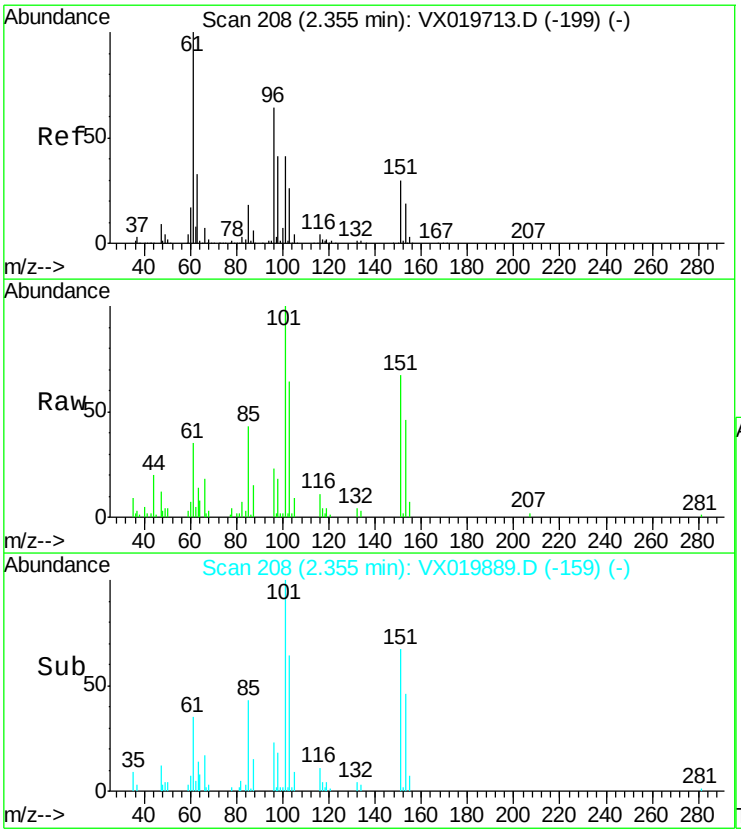
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

Tgt Ion: 59 Resp: 683

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

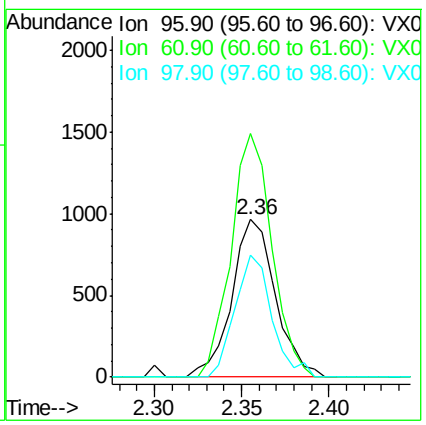


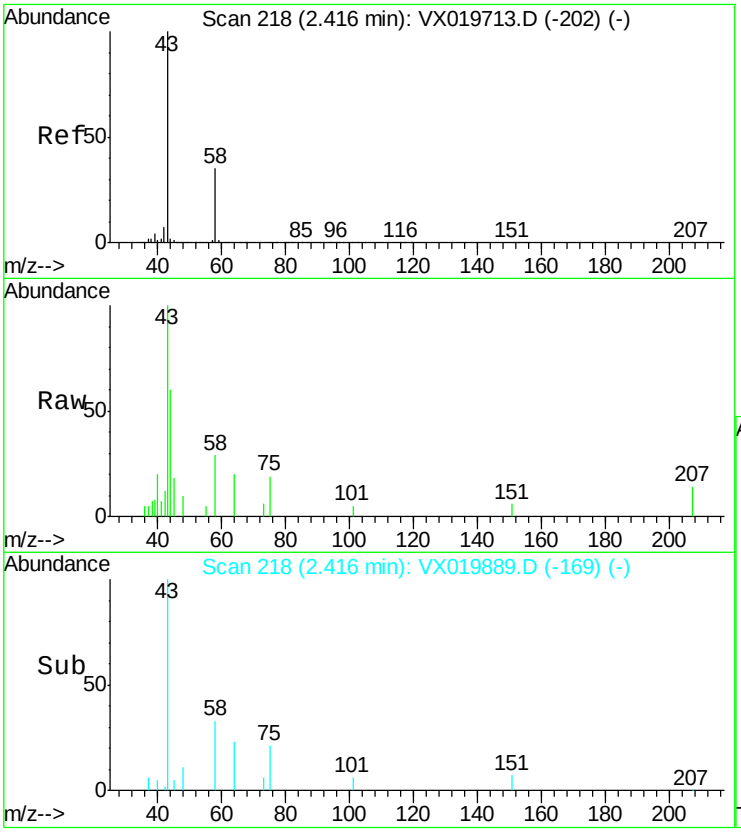


#12
1,1-Dichloroethene
Concen: 0.576 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

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#



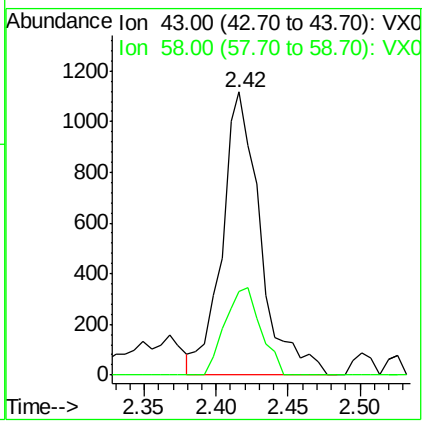


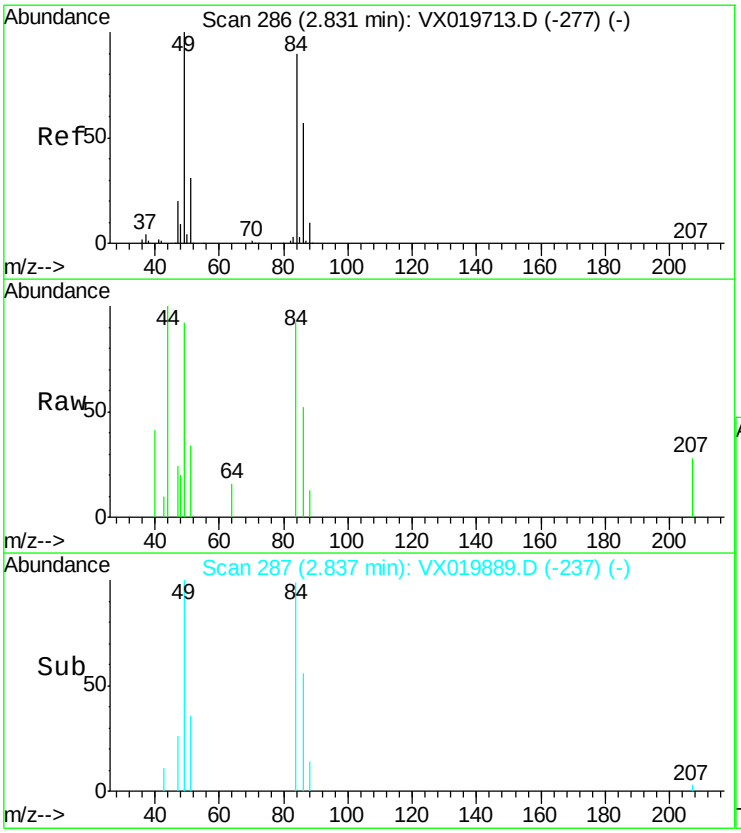
#16
Acetone
Concen: 1.329 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

Tgt Ion: 43 Resp: 2082

Ion	Ratio	Lower	Upper
43	100		
58	29.4	27.8	41.8

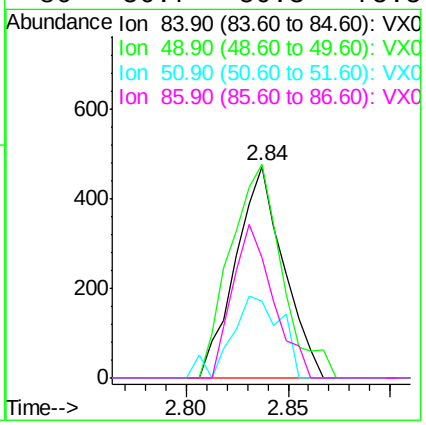


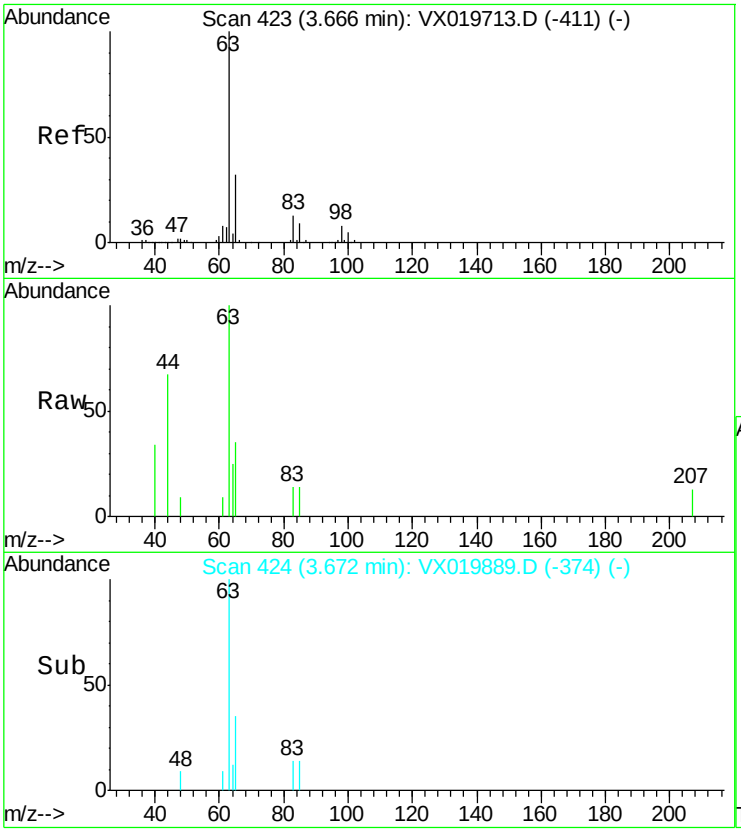


#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Tgt Ion: 84 Resp: 773

Ion	Ratio	Lower	Upper
84	100		
49	100.8	88.6	132.8
51	36.6	27.0	40.6
86	56.7	50.3	75.5



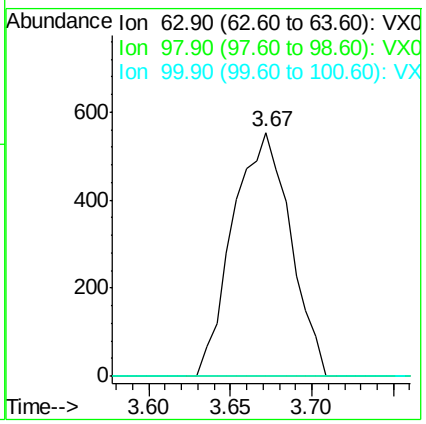


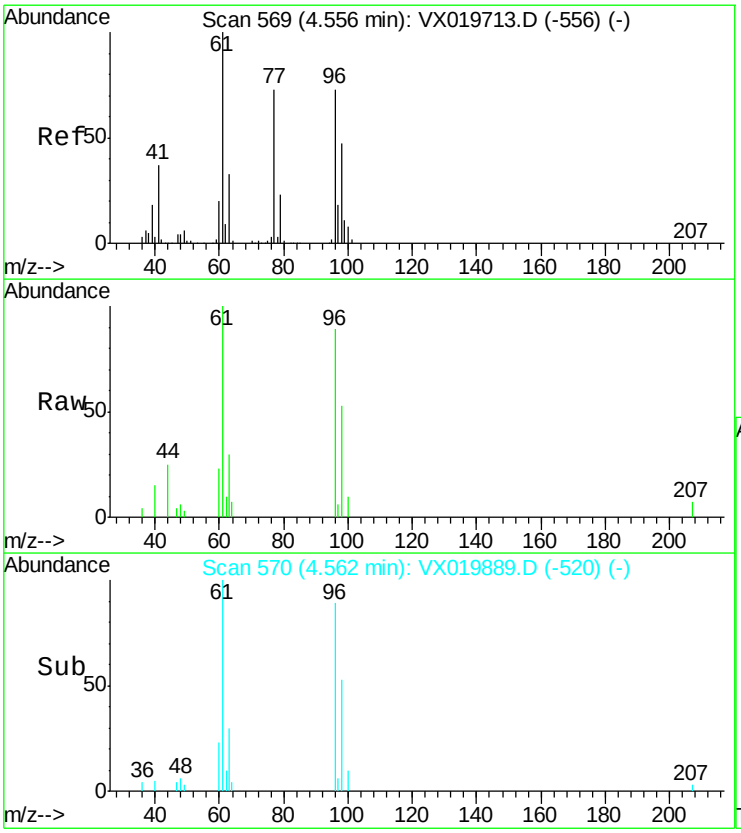
#24
1,1-Dichloroethane
Concen: 0.227 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

Tgt Ion: 63 Resp: 1360

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.8	11.2#
100	0.0	2.5	7.5#

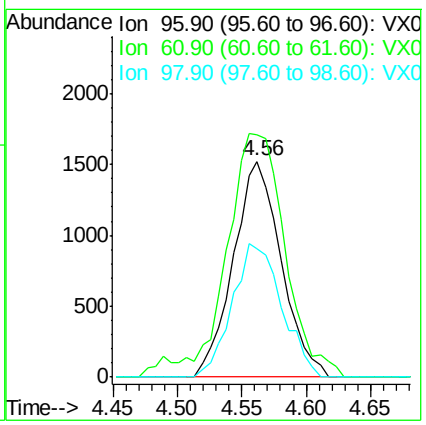


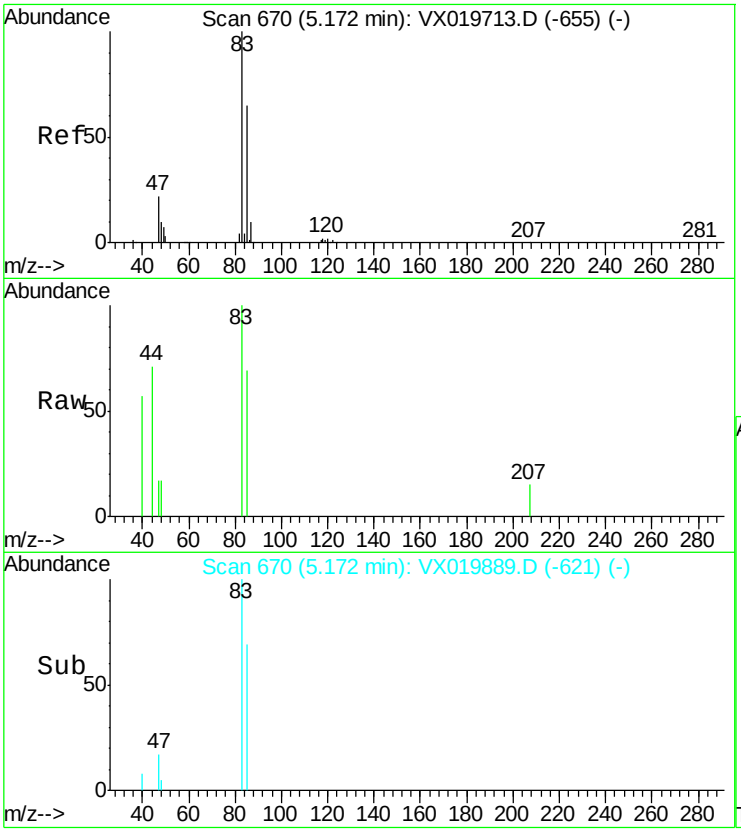


#27
cis-1,2-Dichloroethene
Concen: 0.990 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

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



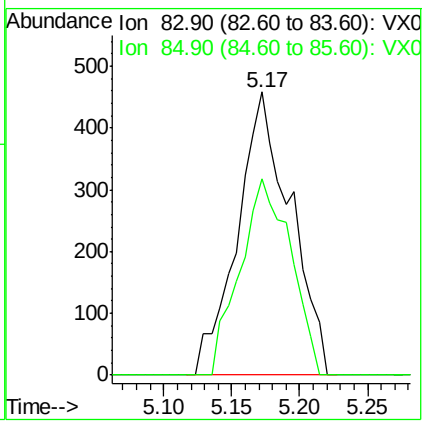


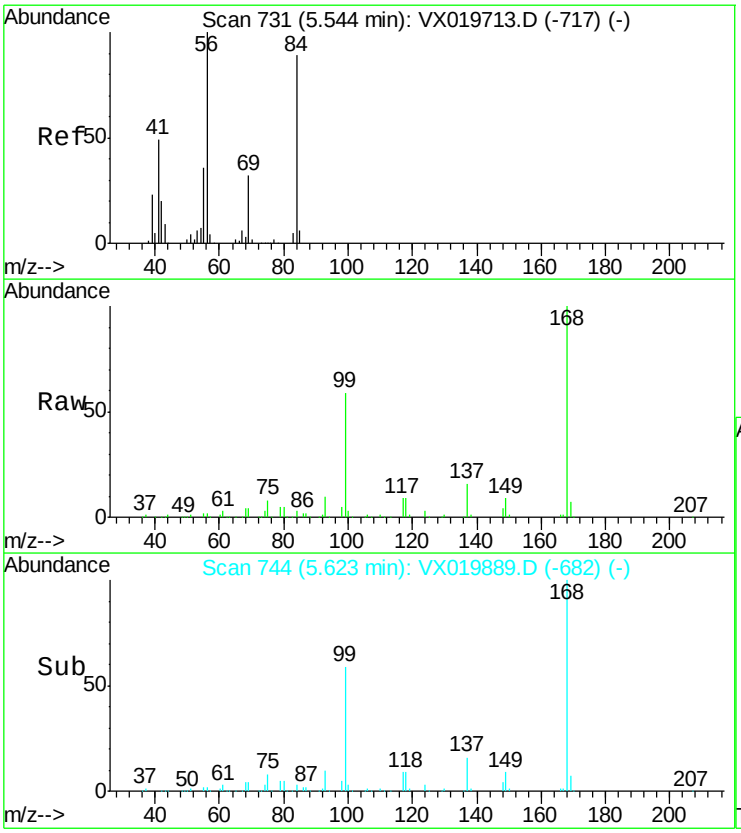
#30
Chloroform
Concen: 0.203 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

Tgt Ion: 83 Resp: 1250

Ion	Ratio	Lower	Upper
83	100		
85	69.2	52.0	78.0

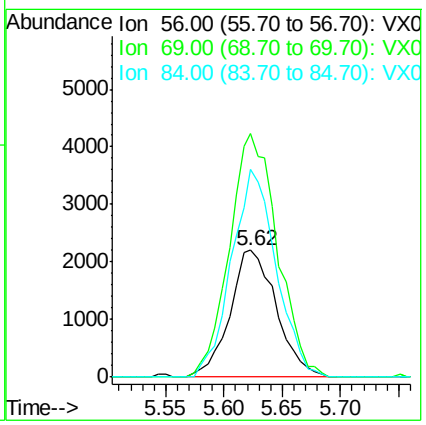


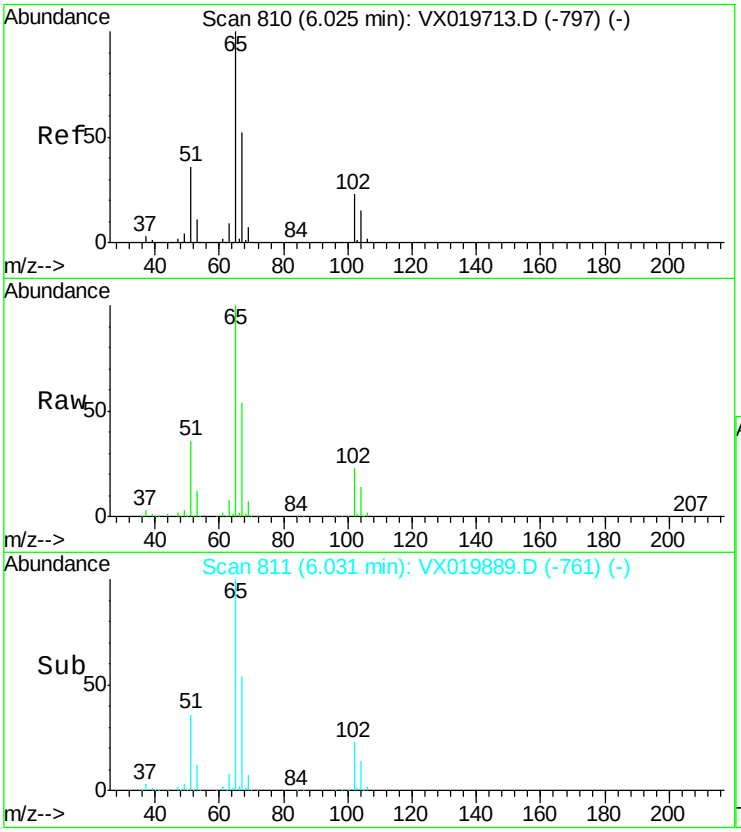


#31
Cyclohexane
Concen: 1.178 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Tgt Ion: 56 Resp: 6105

Ion	Ratio	Lower	Upper
56	100		
69	192.4	25.3	37.9#
84	164.2	71.4	107.0#



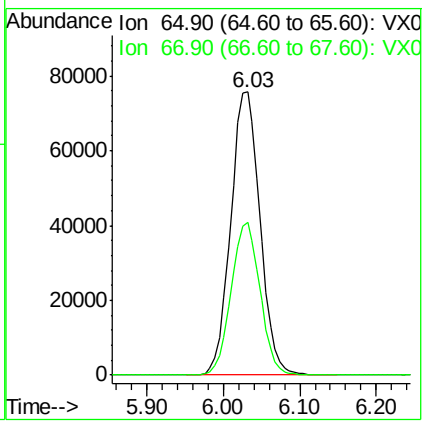


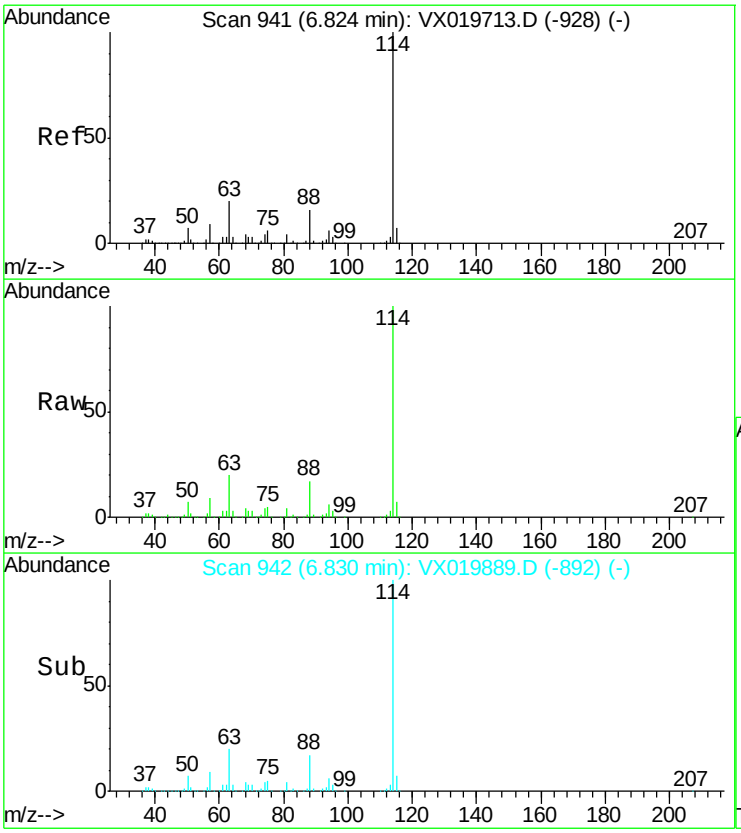
#33
1,2-Dichloroethane-d4
Concen: 48.170 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

Tgt Ion: 65 Resp: 200763

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.4

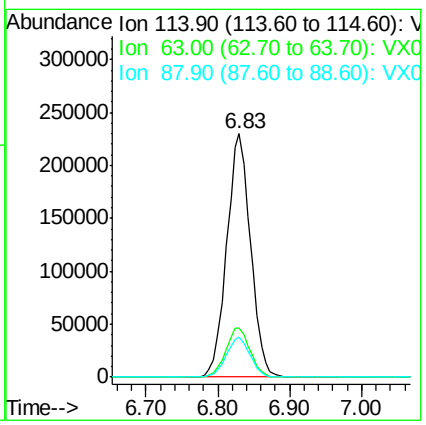


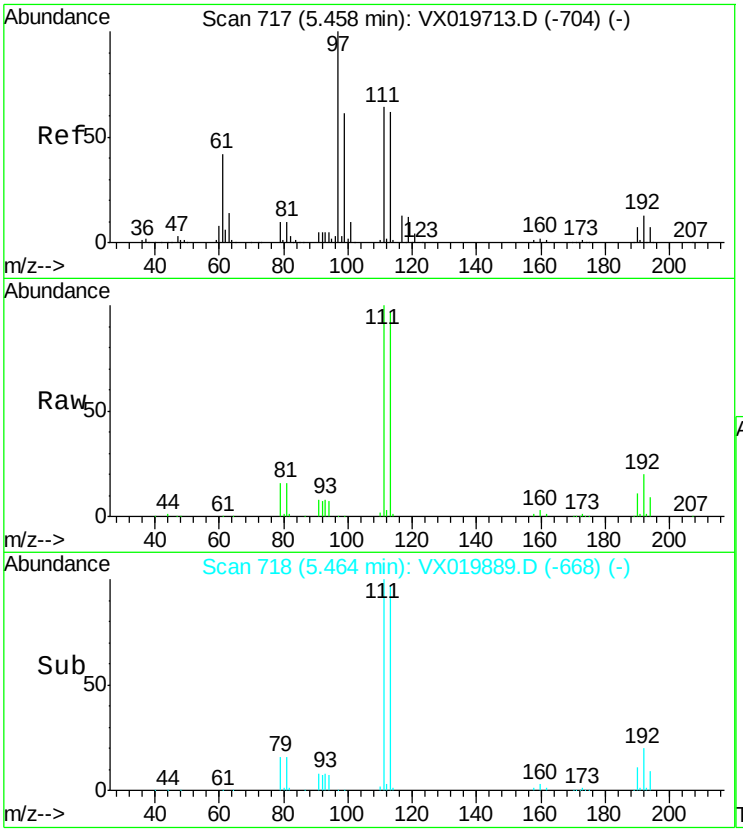


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

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



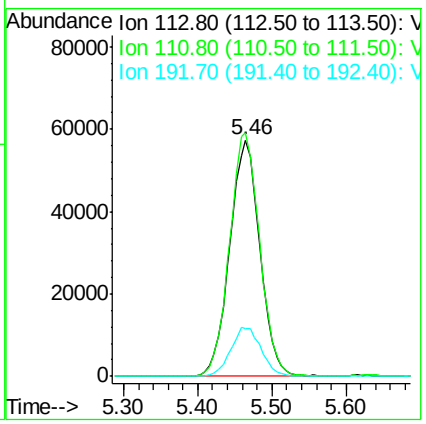


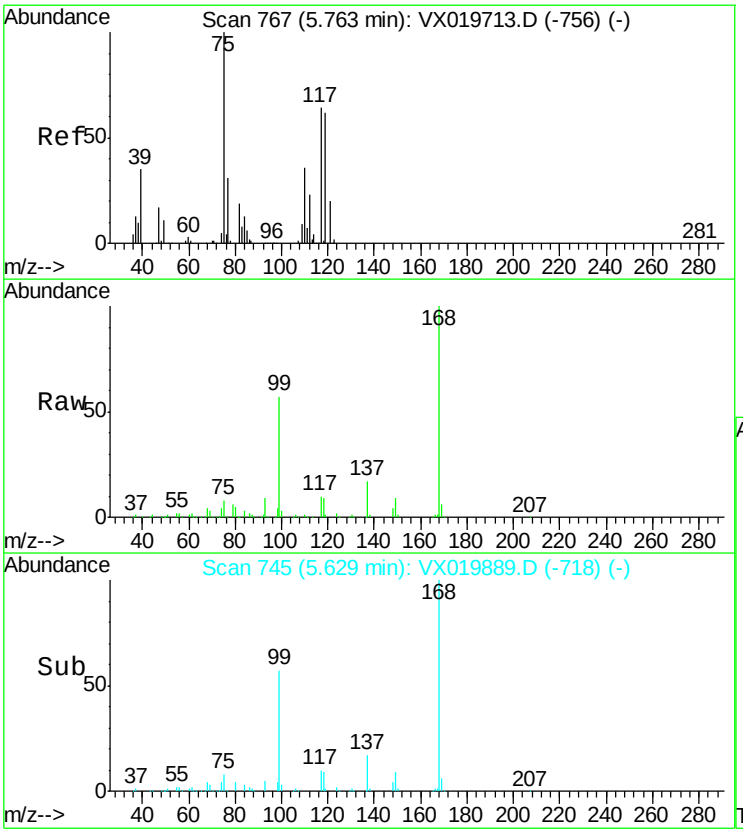
#35
Dibromofluoromethane
Concen: 47.832 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

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

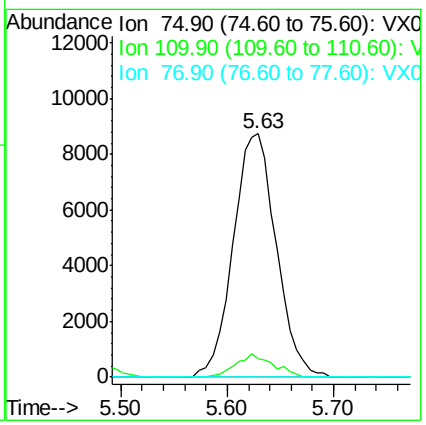


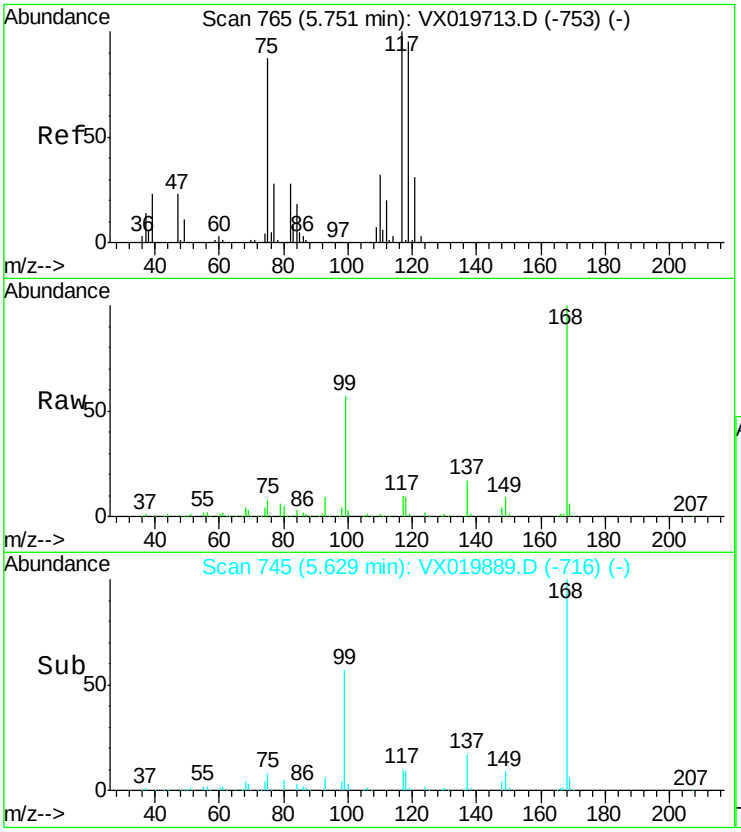


#36
1,1-Dichloropropene
Concen: 5.178 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Tgt Ion: 75 Resp: 24680

Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.4#
77	0.0	25.3	37.9#



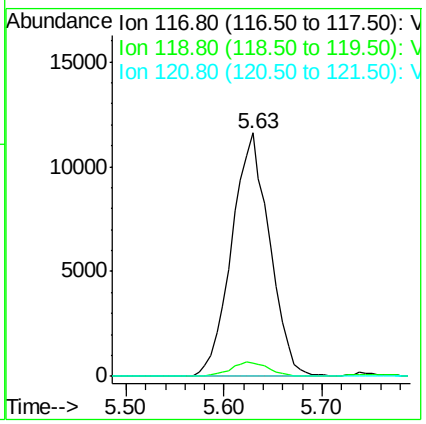


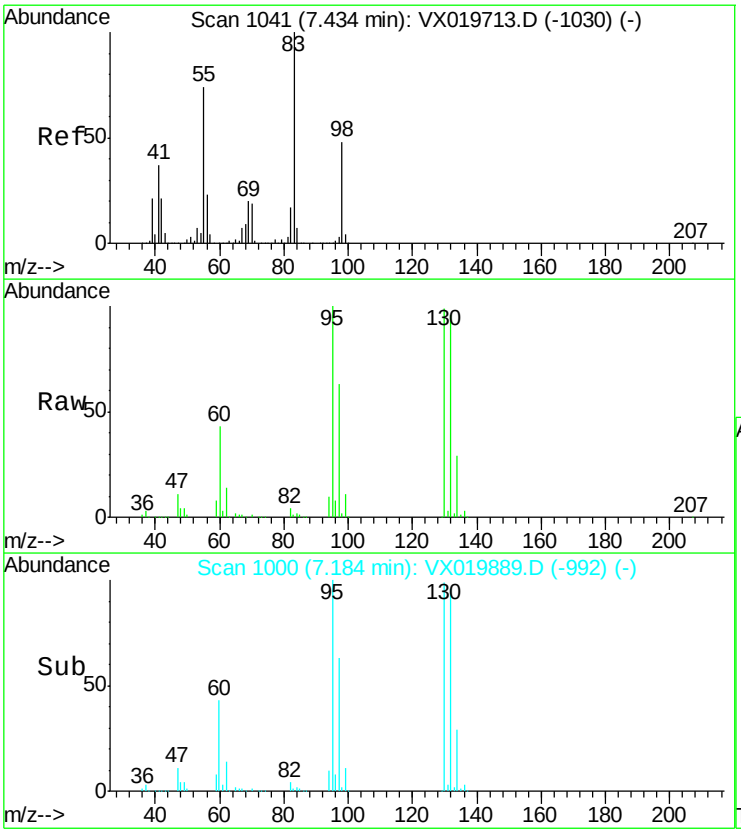
#38
Carbon Tetrachloride
Concen: 6.672 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

Tgt Ion:117 Resp: 31143

Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.2	114.2#
121	0.0	24.8	37.2#

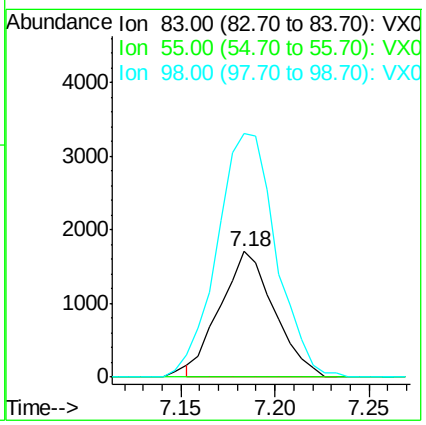


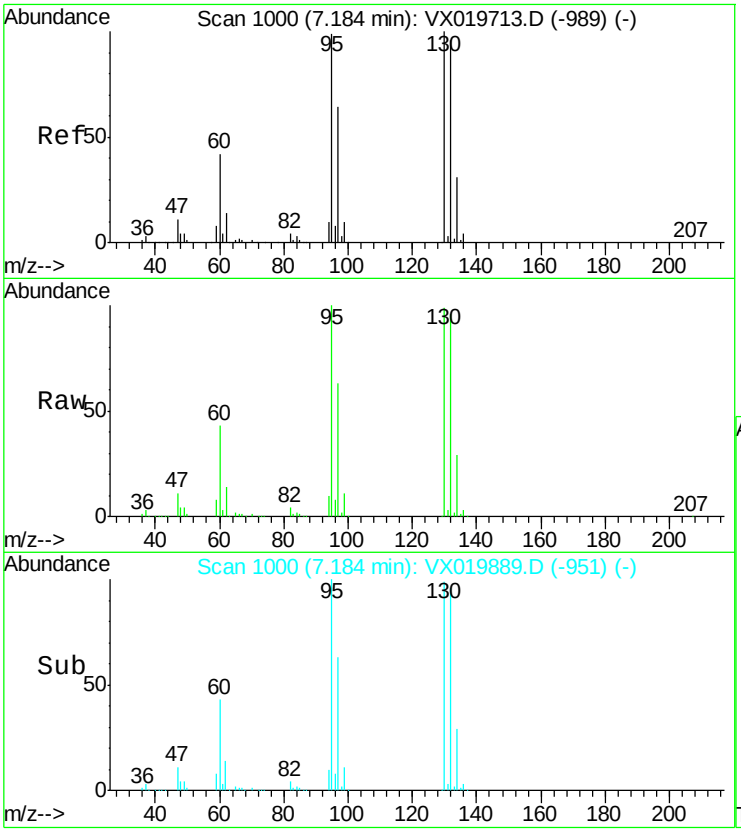


#39
Methylcyclohexane
Concen: 0.606 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.25 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Tgt Ion: 83 Resp: 3391

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	190.1	38.1	57.1#



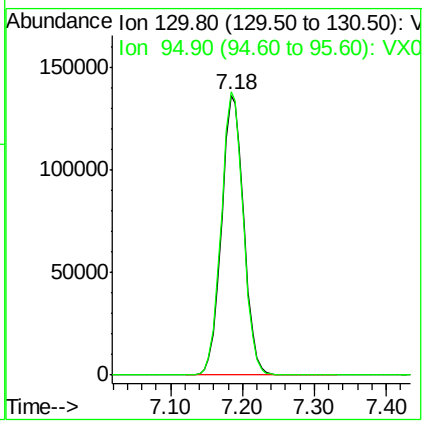


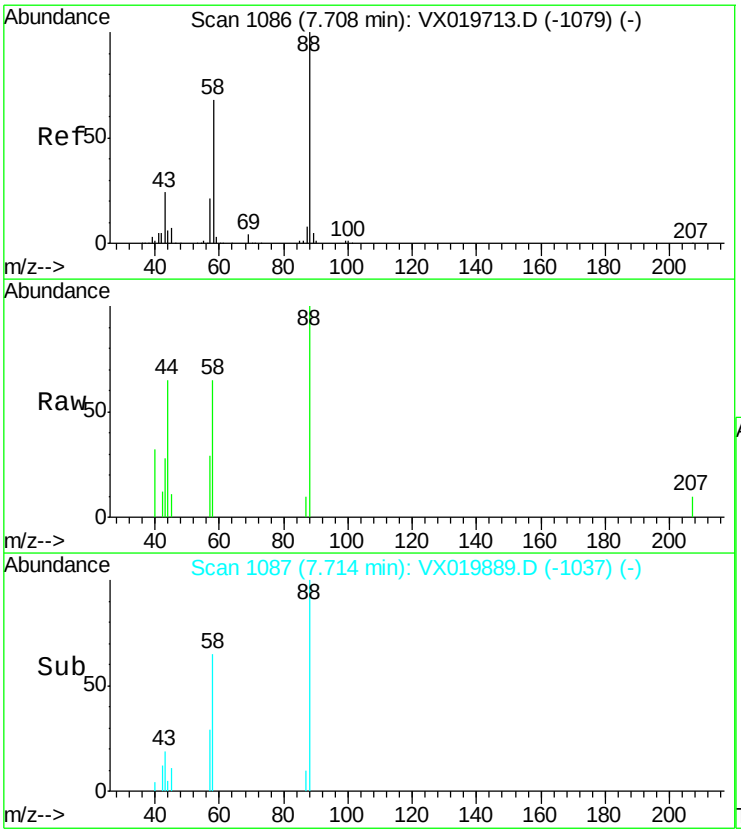
#44
Trichloroethene
Concen: 76.511 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

Tgt Ion:130 Resp: 292297

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	198.0

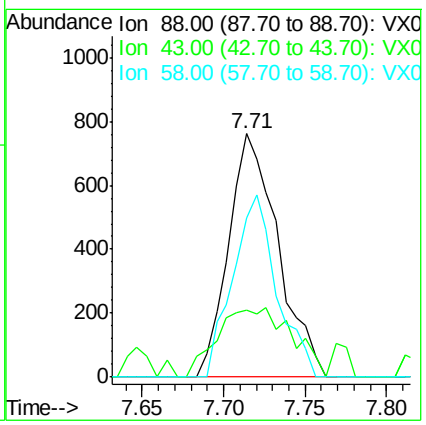


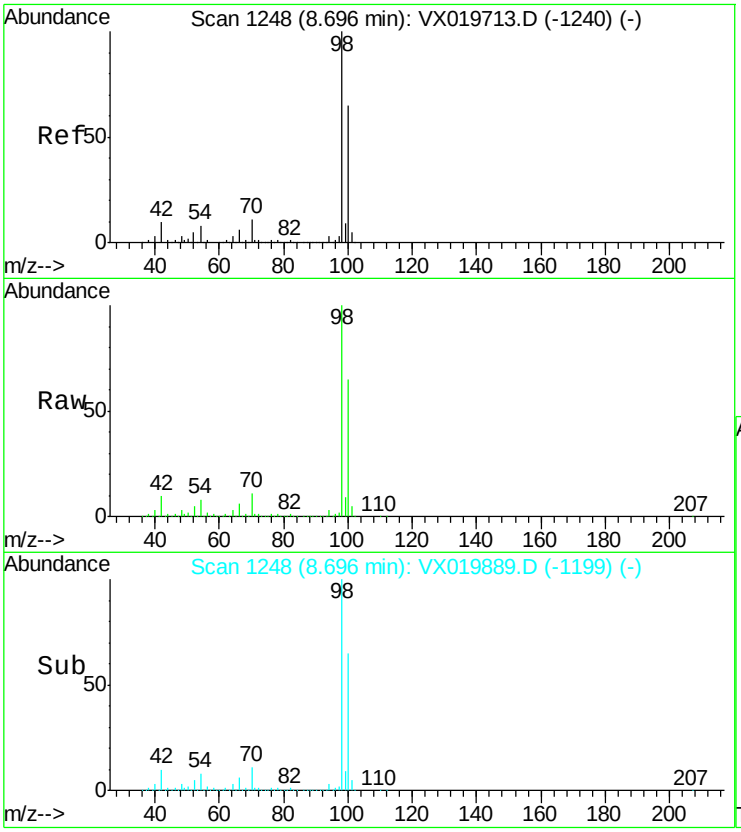


#49
1,4-Dioxane
Concen: 17.217 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

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



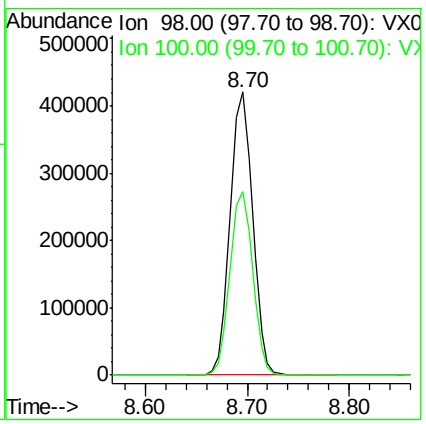


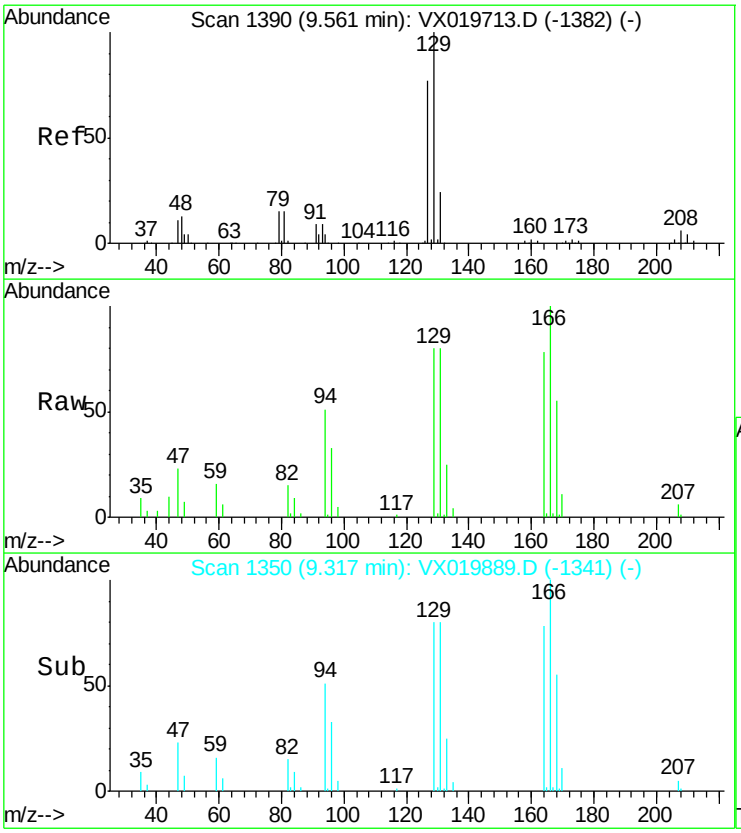
#50
Toluene-d8
Concen: 49.364 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

Tgt Ion: 98 Resp: 642477

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.9	77.9

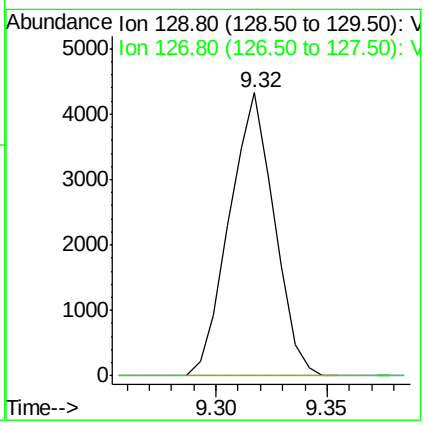


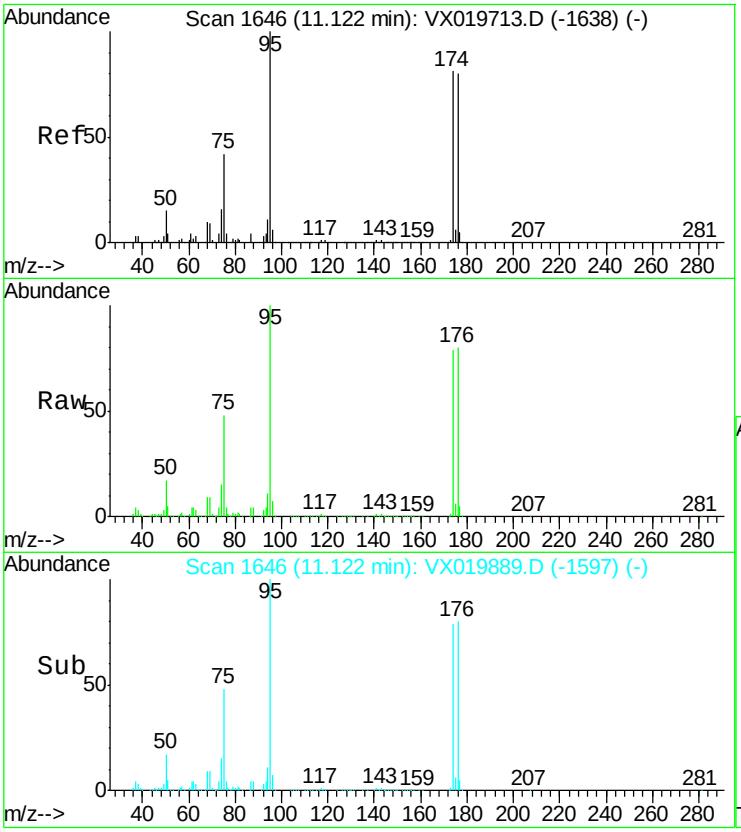


#60
Dibromochloromethane
Concen: 1.627 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.24 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Tgt Ion:129 Resp: 6066

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#



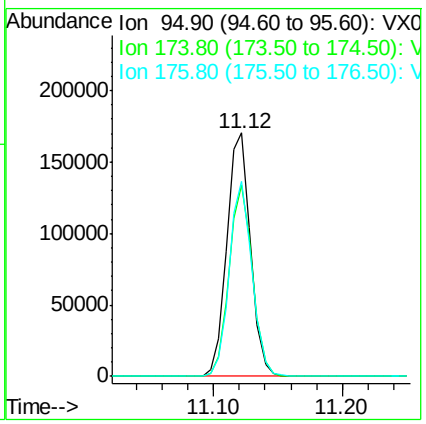


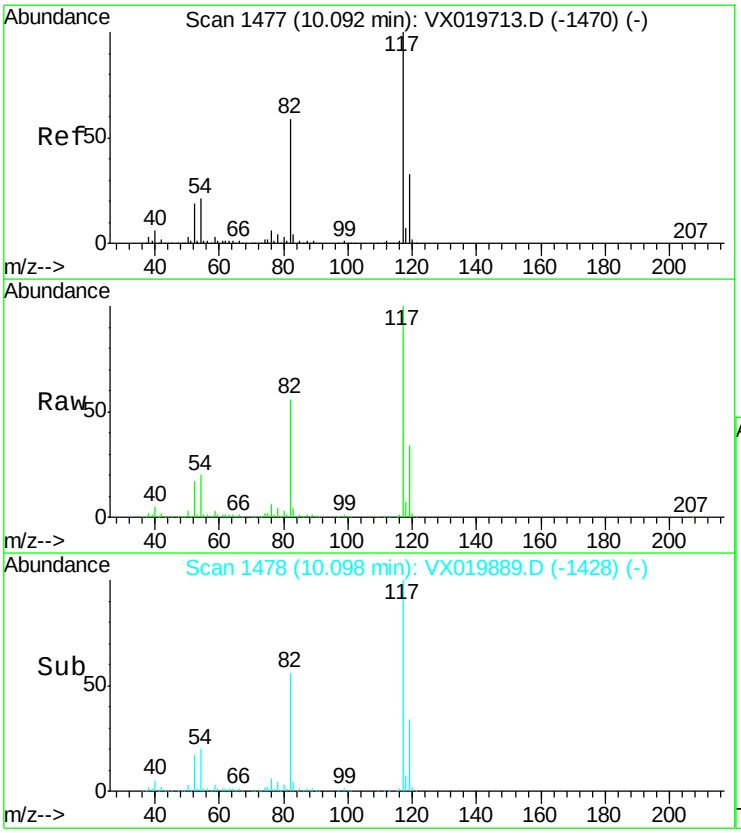
#62
4-Bromofluorobenzene
Concen: 44.450 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument : MSVOA_X
ClientSampleId : RE132D3-20201207

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

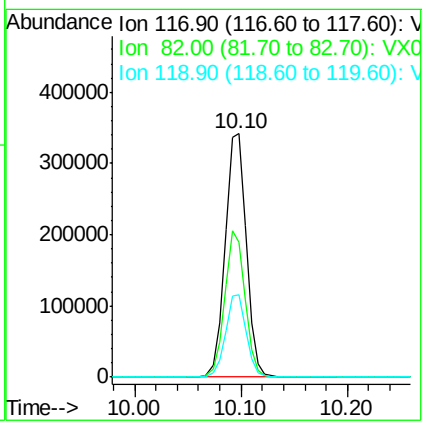


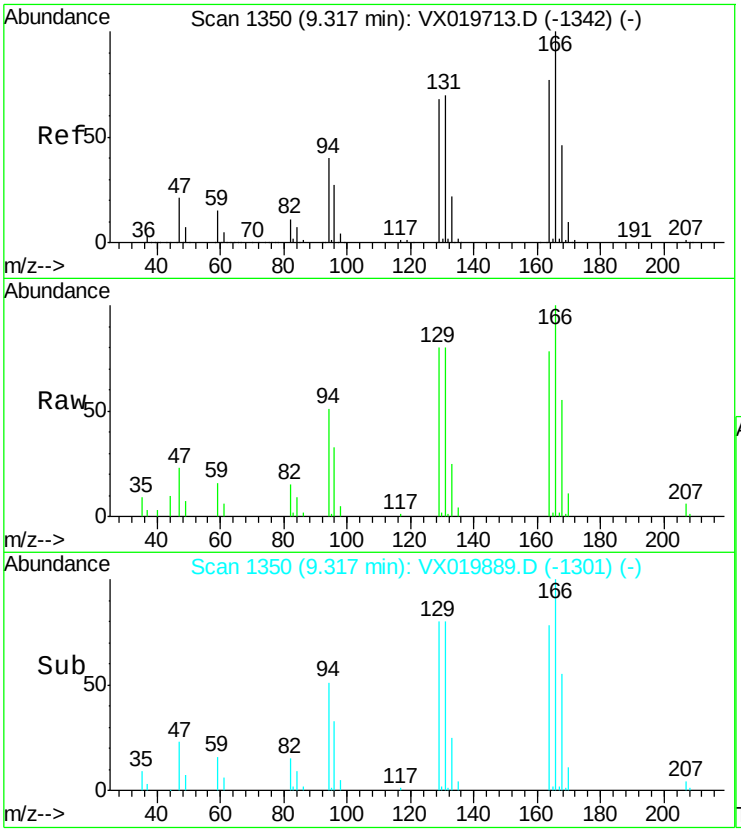


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

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



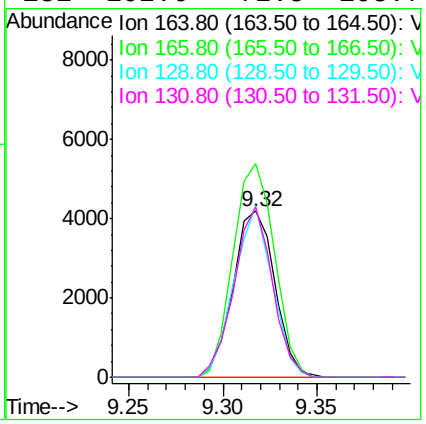


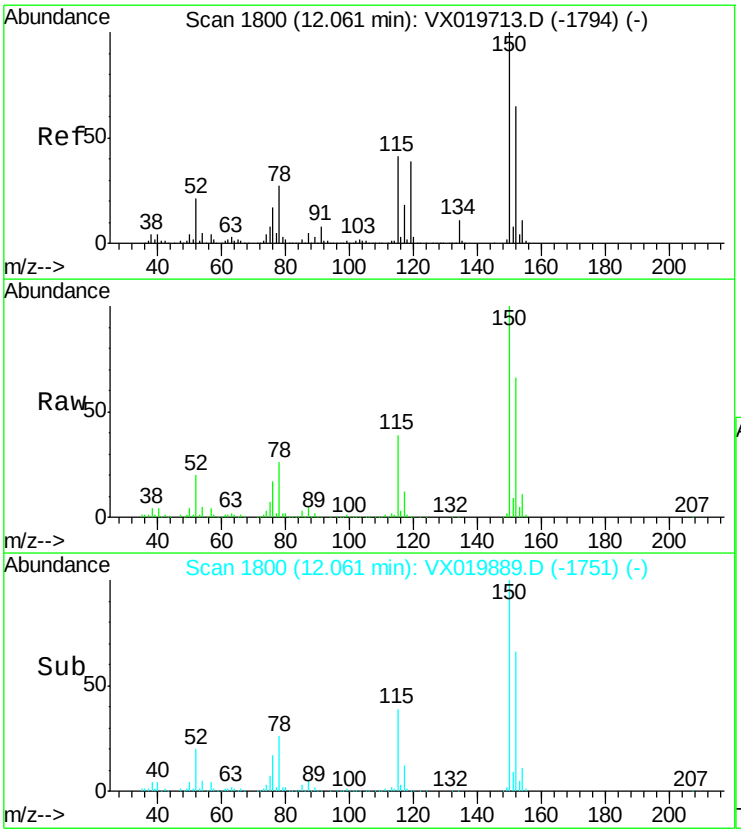
#64
Tetrachloroethene
Concen: 2.019 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

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

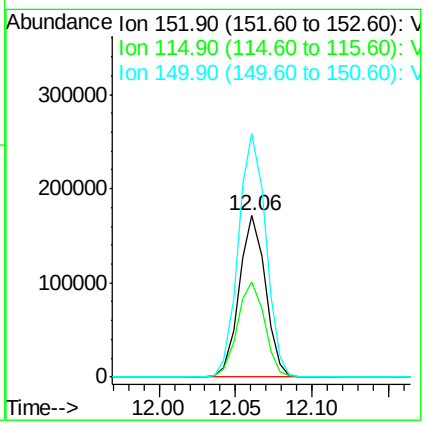


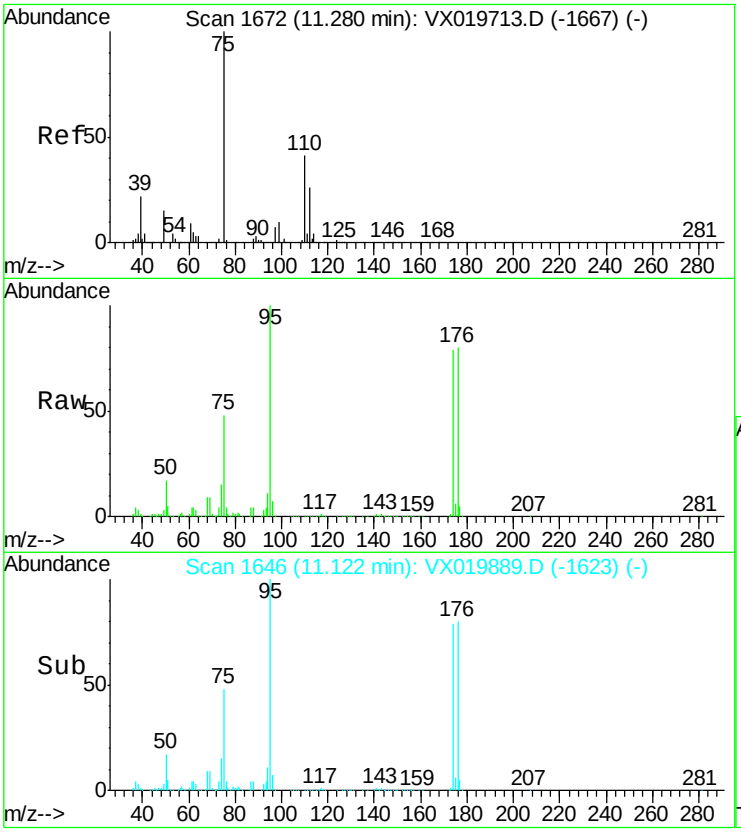


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

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



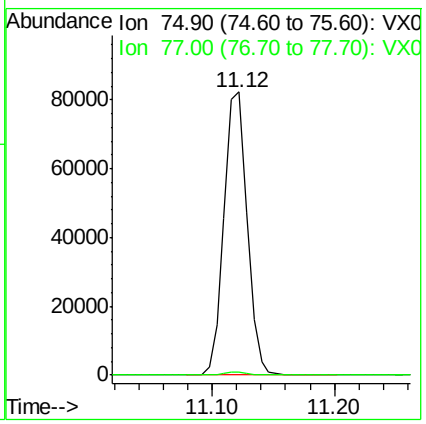


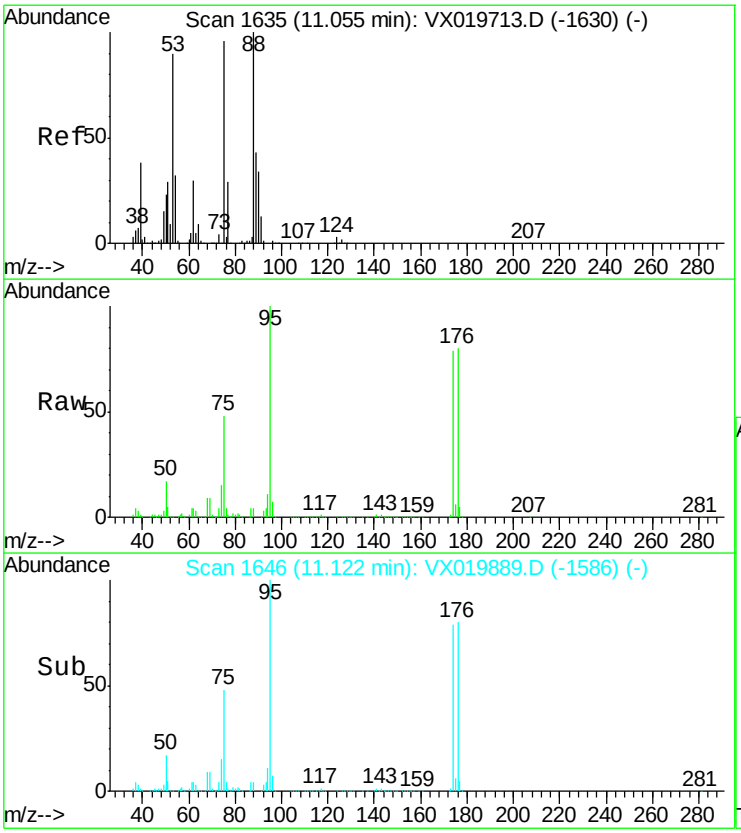
#76
1,2,3-Trichloropropane
Concen: 23.492 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20201207

Tgt Ion: 75 Resp: 107725

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.911 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019889.D
Acq: 11 Dec 2020 20:53

Tgt Ion: 75 Resp: 107725

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#