Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100819\
Data File : VX012912.D
Acq On : 09 Oct 2019 01:12
Operator : JC/SP
Sample : K5190-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FC-MW10I1-20191002

Quant Time: Oct 09 03:46:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	185964	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	313683	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	270937	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108782	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	121349	52.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.42%				
35) Dibromofluoromethane	5.49	113	92600	51.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.86%				
50) Toluene-d8	8.71	98	367658	52.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.72%				
62) 4-Bromofluorobenzene	11.14	95	129915	47.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.24%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	733	0.355	ug/l	#	84
5) Bromomethane	1.64	94	366	0.414	ug/l		89
6) Chloroethane	1.69	64	327	0.617	ug/l	#	43
10) Methyl Iodide	2.51	142	106	5.127	ug/l	#	40
11) Tert butyl alcohol	3.01	59	853	1.384	ug/l	#	72
16) Acetone	2.43	43	5647	4.609	ug/l		98
31) Cyclohexane	5.65	56	3929	1.165	ug/l	#	13
36) 1,1-Dichloropropene	5.65	75	14732	5.342	ug/l	#	50
38) Carbon Tetrachloride	5.65	117	19536	7.278	ug/l	#	18
51) 4-Methyl-2-Pentanone	8.70	43	1831	0.593	ug/l	#	1
56) Ethyl methacrylate	9.21	69	191	1.881	ug/l	#	59
65) Chlorobenzene	10.14	112	6916	1.285	ug/l		99
71) Bromoform	11.12	173	35	3.153	ug/l	#	29
73) Isopropylbenzene	11.01	105	6565	0.821	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.28	83	581	0.218	ug/l	#	25
76) 1,2,3-Trichloropropane	11.14	75	65788	27.267	ug/l	#	32
78) n-propylbenzene	11.35	91	1964	0.223	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.14	75	65788	68.472	ug/l	#	10
83) tert-Butylbenzene	11.76	119	4296	0.659	ug/l		81
84) 1,2,4-Trimethylbenzene	11.94	105	9854	1.457	ug/l	#	32
85) sec-Butylbenzene	11.94	105	9854	1.306	ug/l		99
86) p-Isopropyltoluene	12.23	119	5768	0.824	ug/l		92
87) 1,3-Dichlorobenzene	12.02	146	3795	1.084	ug/l		96
88) 1,4-Dichlorobenzene	12.09	146	13817	3.898	ug/l		93
89) n-Butylbenzene	12.38	91	1931	0.328	ug/l	#	42
90) Hexachloroethane	12.67	117	560	2.532	ug/l	#	13
91) 1,2-Dichlorobenzene	12.39	146	5110	1.489	ug/l		98

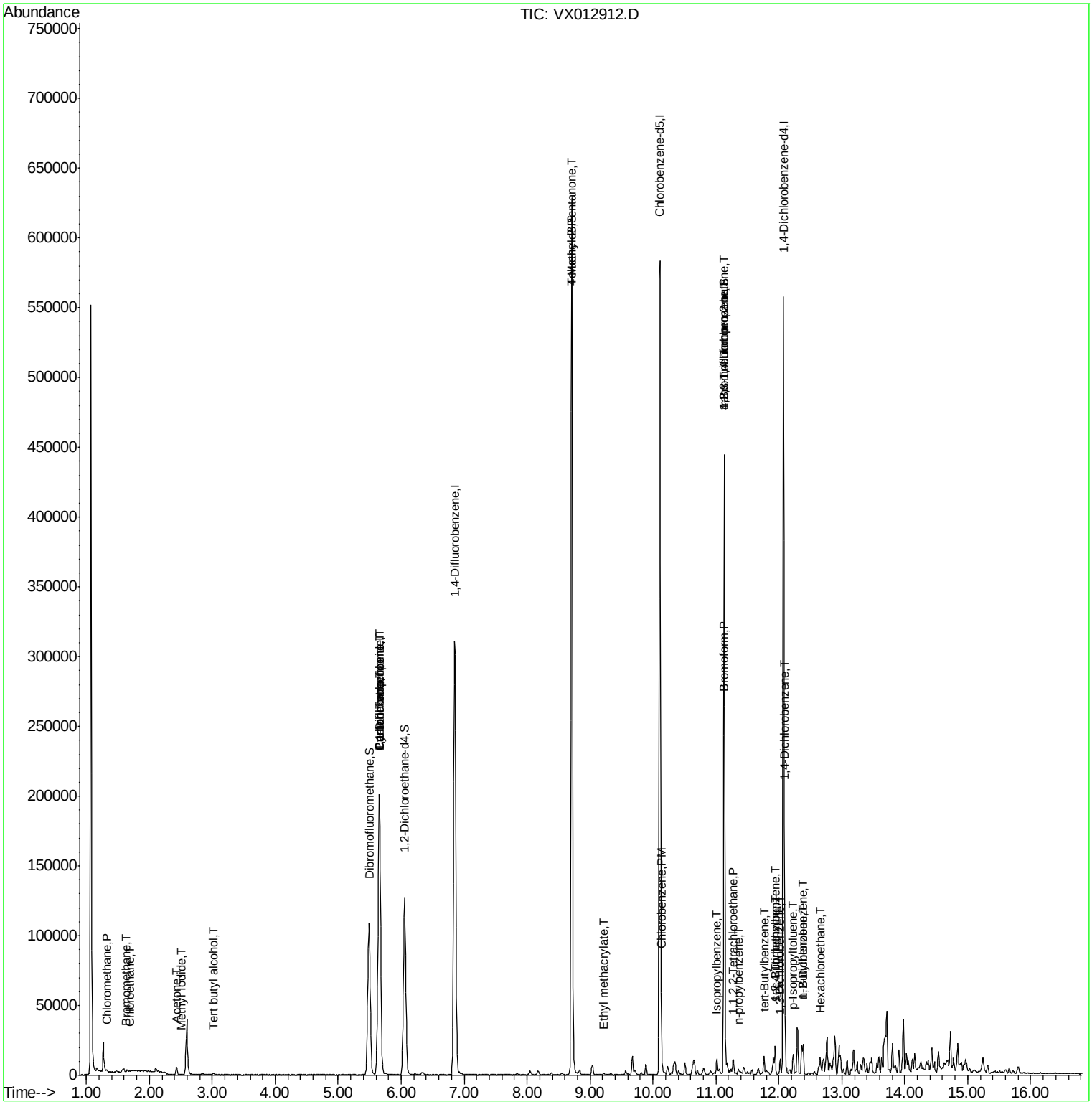
(#) = qualifier out of range (m) = manual integration (+) = signals summed

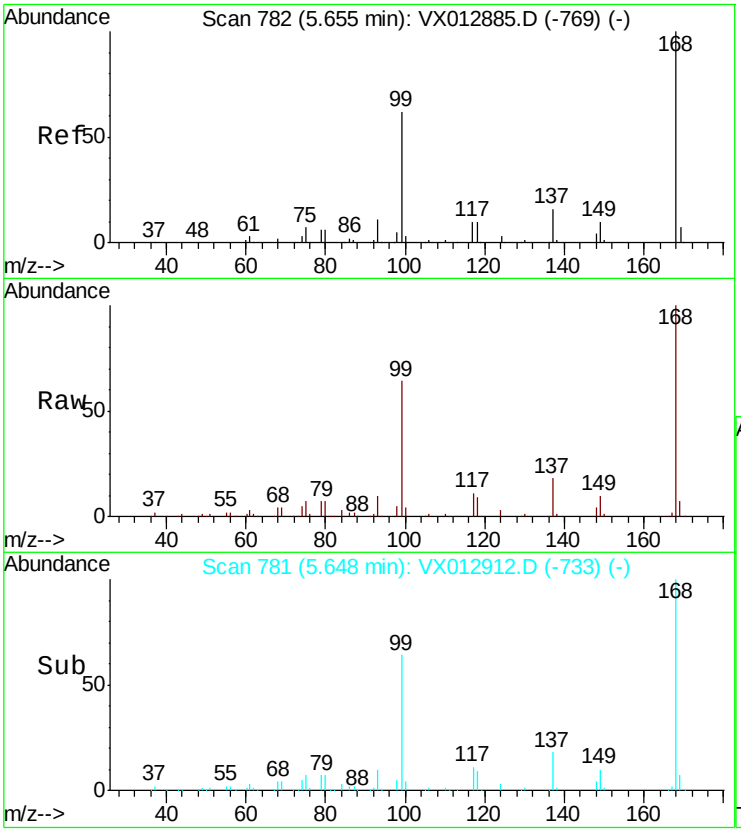
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100819\
Data File : VX012912.D
Acq On : 09 Oct 2019 01:12
Operator : JC/SP
Sample : K5190-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Quant Time: Oct 09 03:46:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration



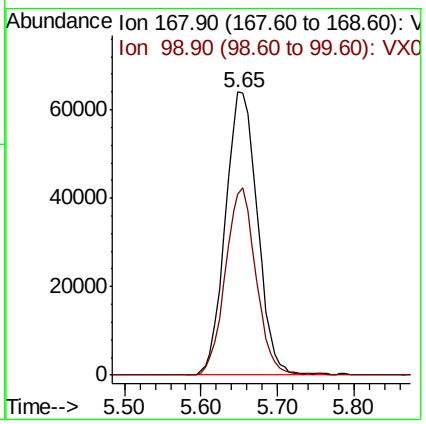


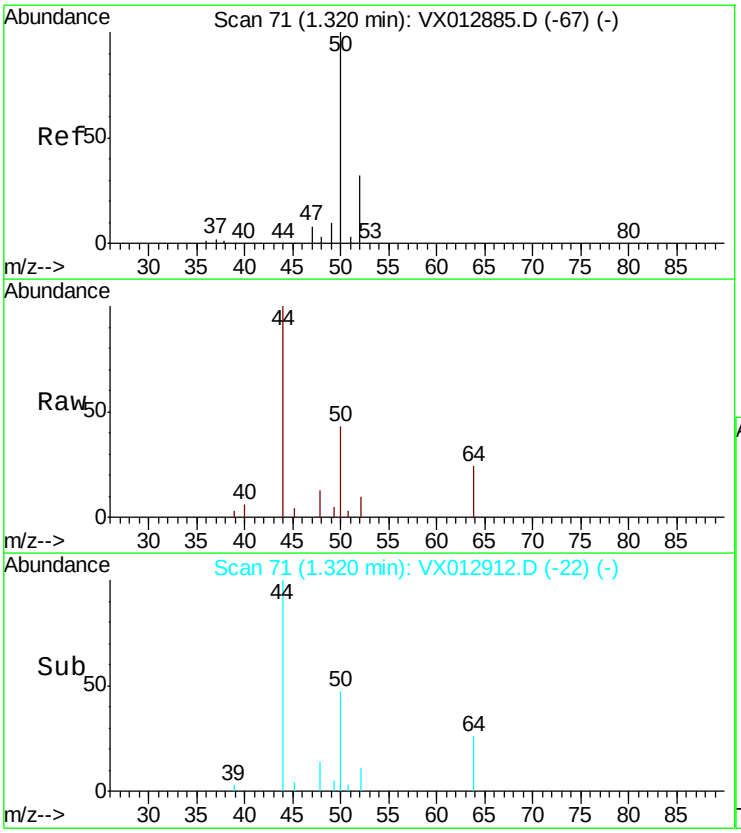
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion:168 Resp: 185964

Ion	Ratio	Lower	Upper
168	100		
99	63.9	49.4	74.0

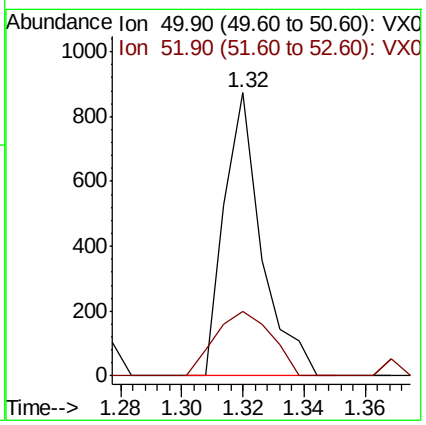


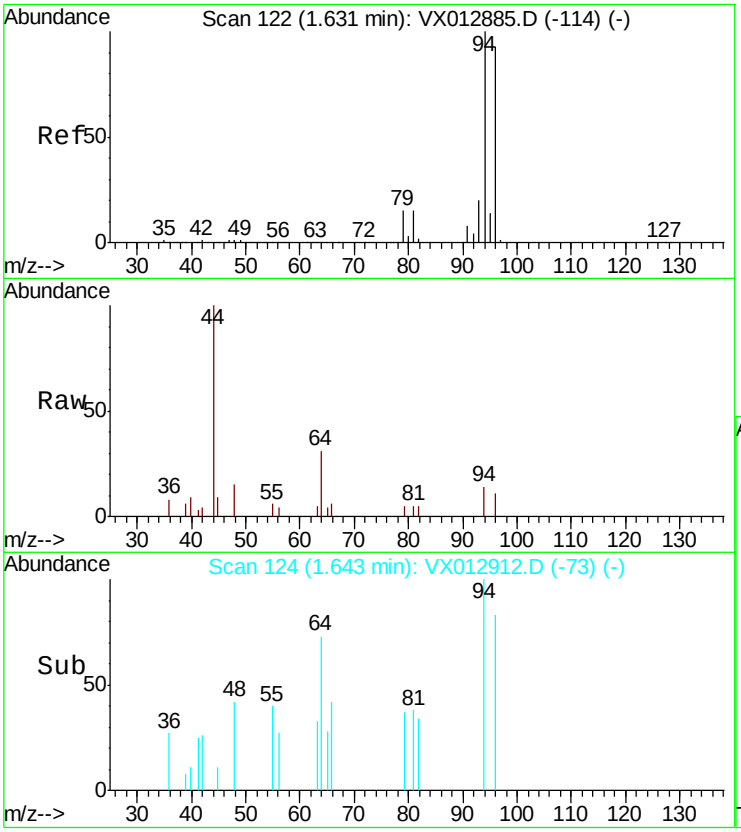


#3
Chloromethane
Concen: 0.355 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion: 50 Resp: 733

Ion	Ratio	Lower	Upper
50	100		
52	22.9	25.2	37.8#



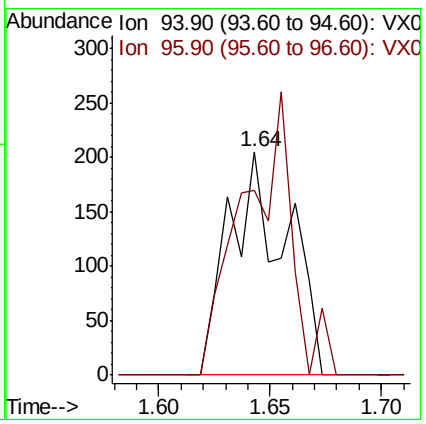


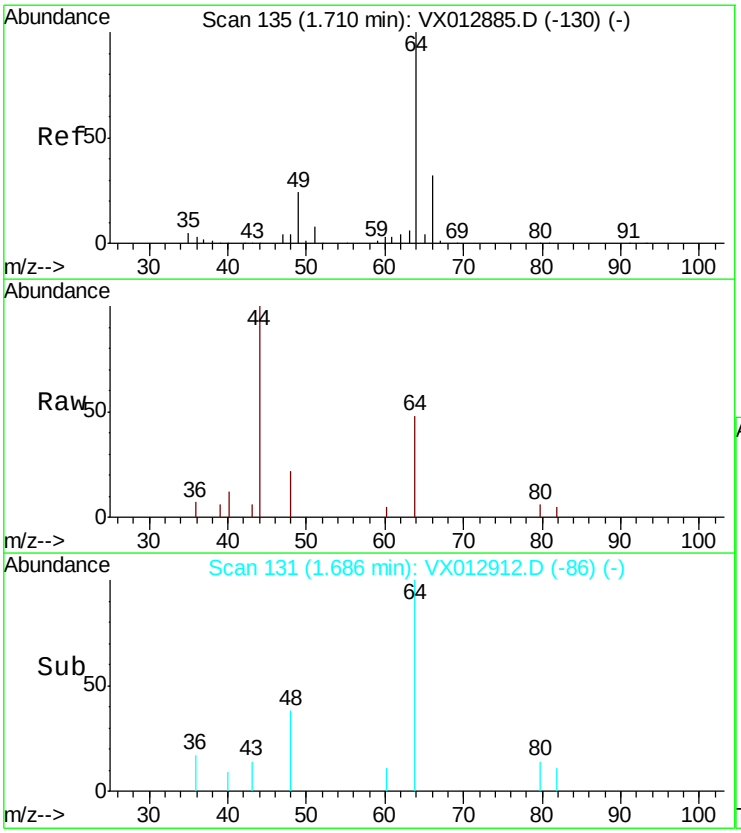
#5
Bromomethane
Concen: 0.414 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion: 94 Resp: 366

Ion	Ratio	Lower	Upper
94	100		
96	82.9	74.7	112.1

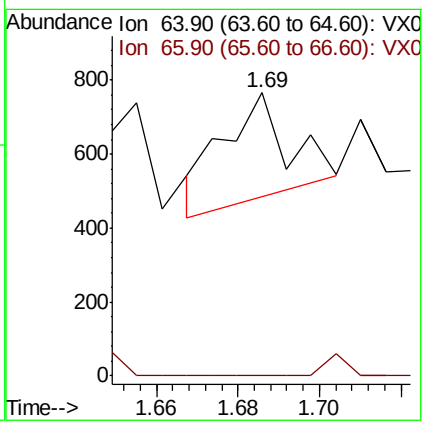


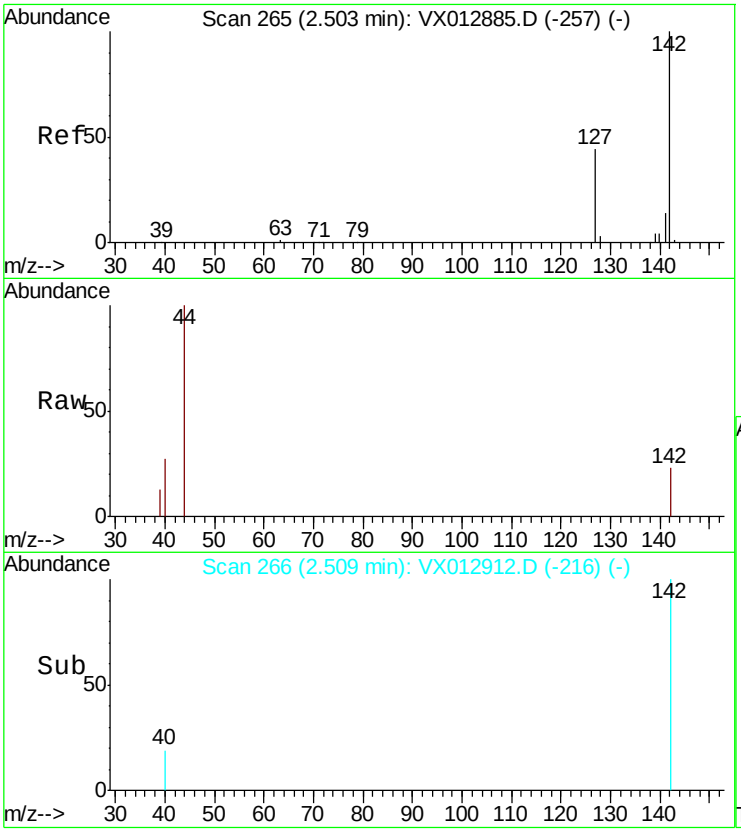


#6
Chloroethane
Concen: 0.617 ug/l
RT: 1.69 min Scan# 131
Delta R.T. -0.02 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion: 64 Resp: 327

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.6	38.4#



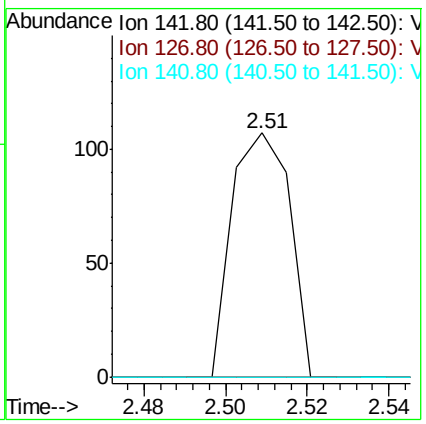


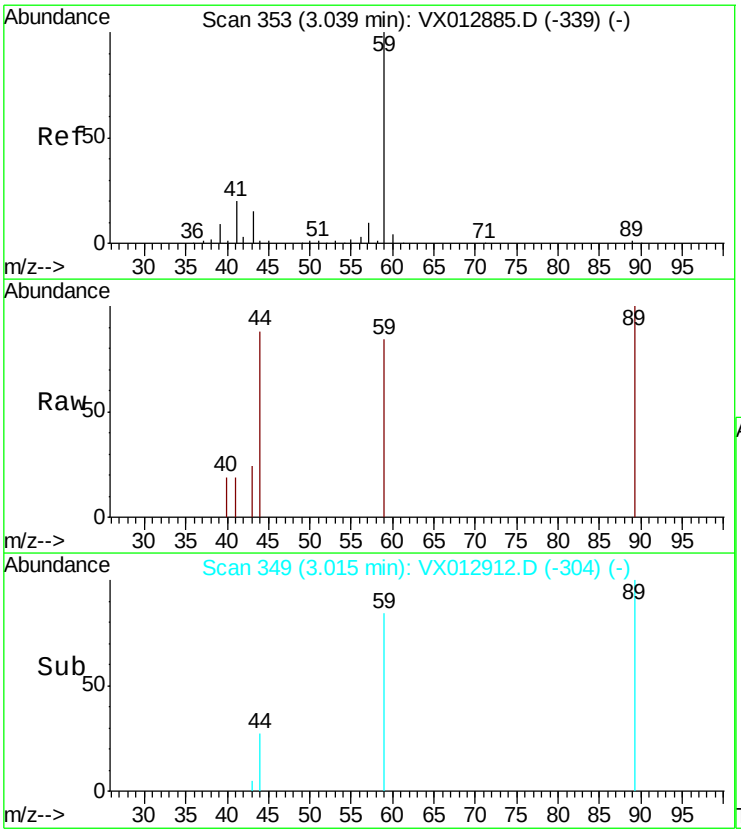
#10
Methyl Iodide
Concen: 5.127 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion:142 Resp: 106

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.9	52.3#
141	0.0	11.6	17.4#

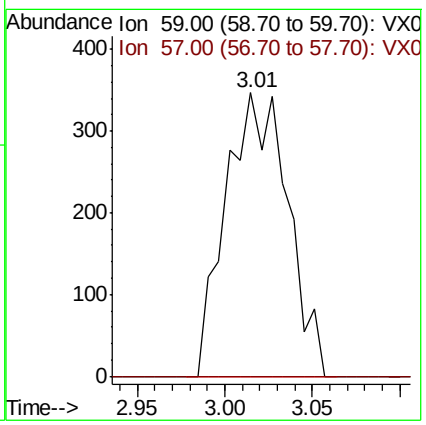


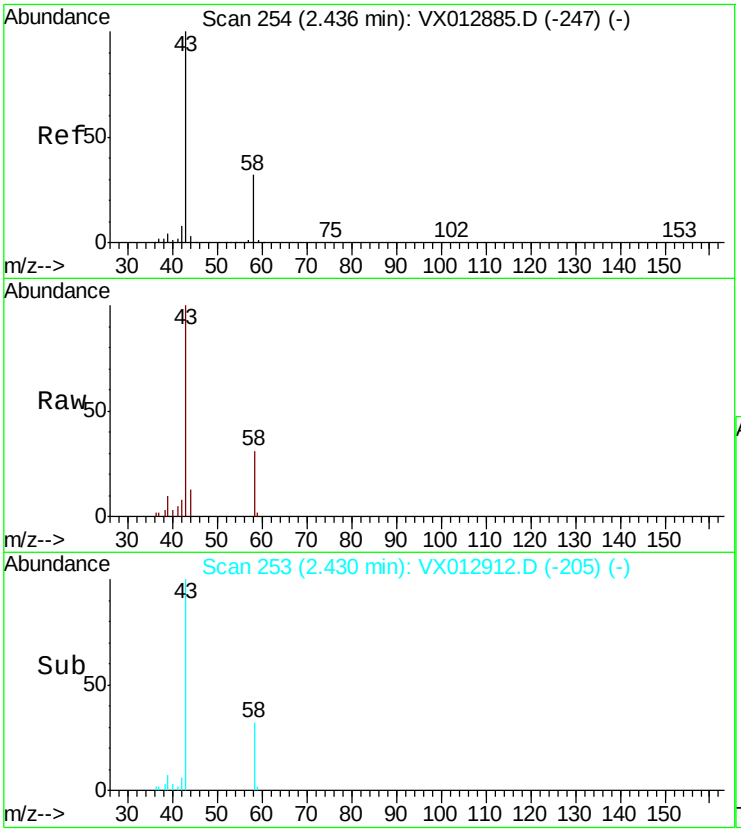


#11
Tert butyl alcohol
Concen: 1.384 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion: 59 Resp: 853

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



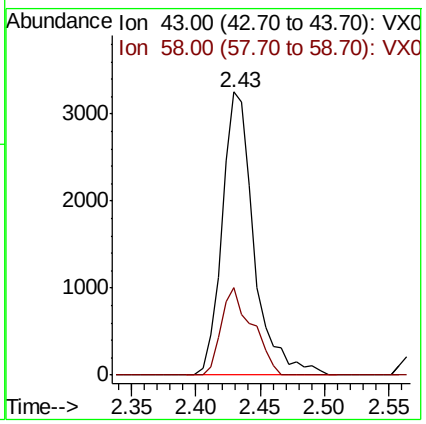


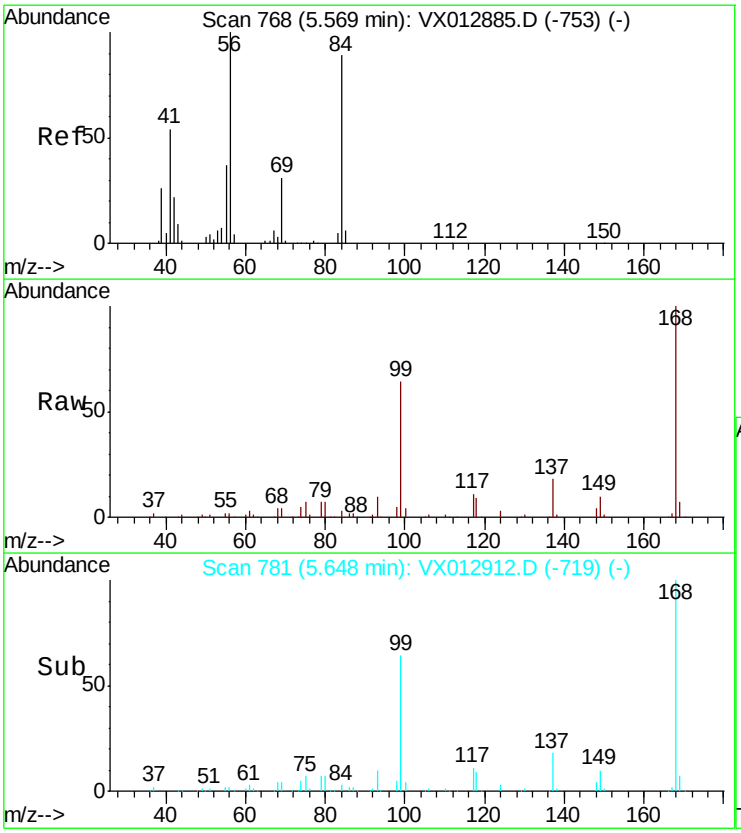
#16
Acetone
Concen: 4.609 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion: 43 Resp: 5647

Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.4	38.2

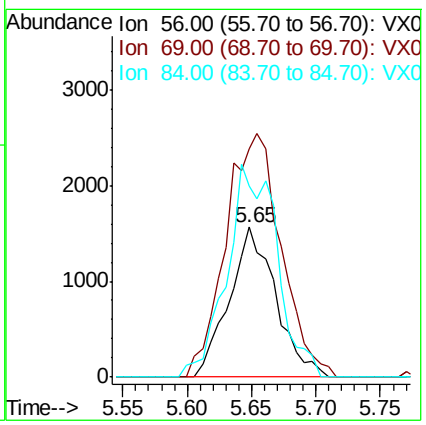


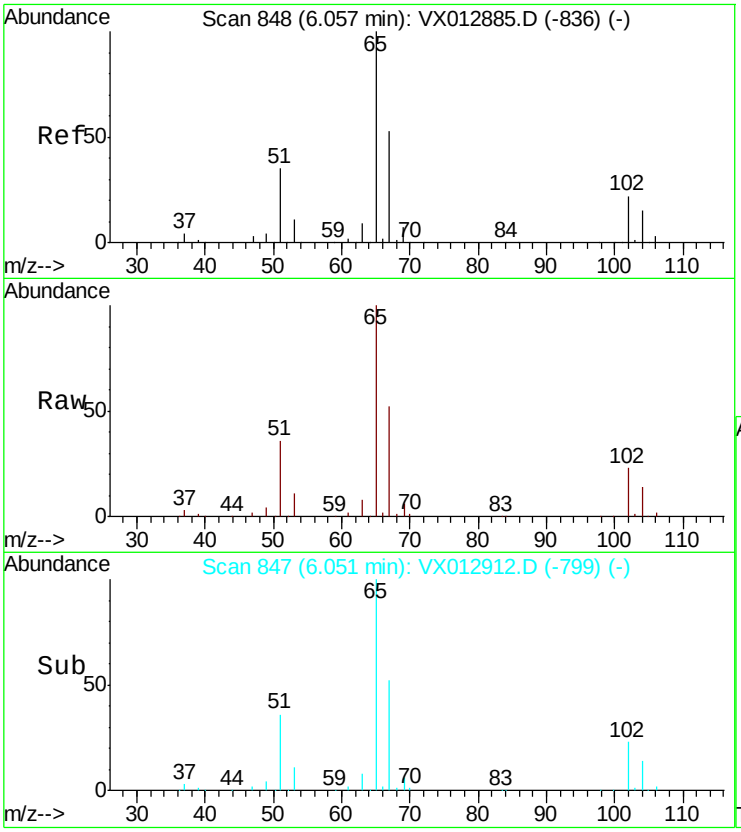


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion: 56 Resp: 3929

Ion	Ratio	Lower	Upper
56	100		
69	152.5	25.2	37.8#
84	127.2	71.3	106.9#



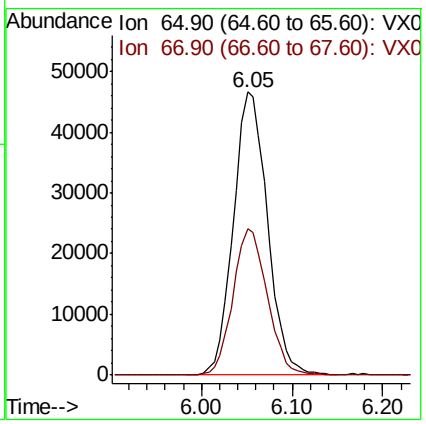


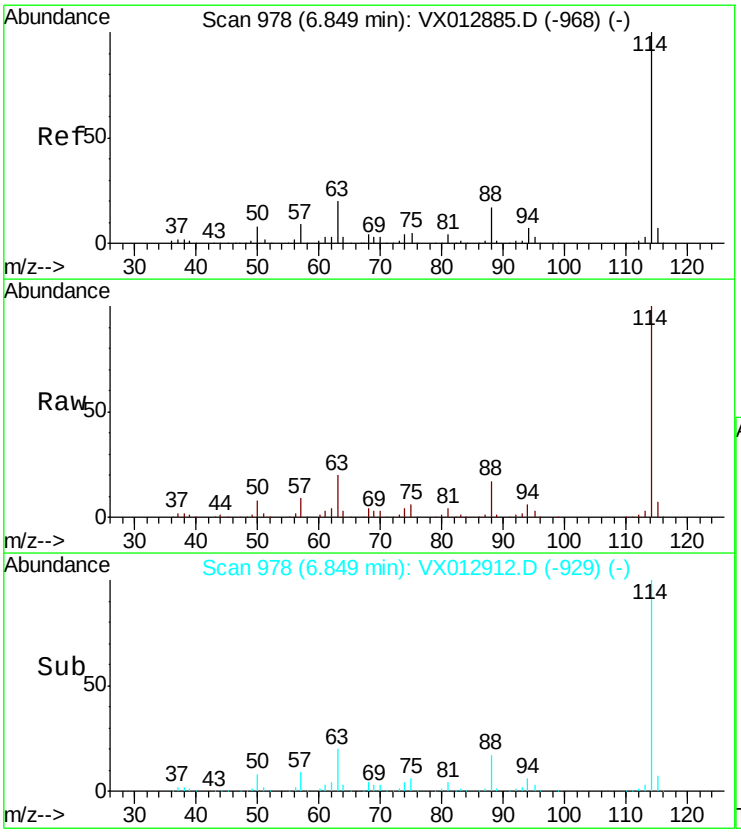
#33
1,2-Dichloroethane-d4
Concen: 52.209 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion: 65 Resp: 121349

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.4

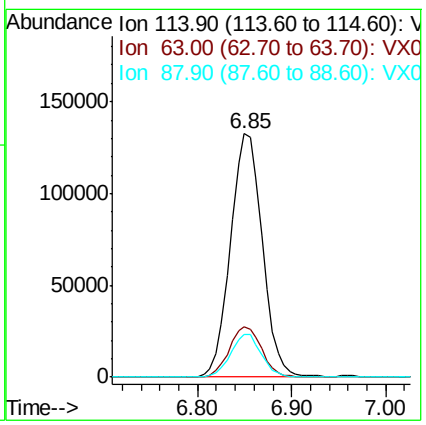


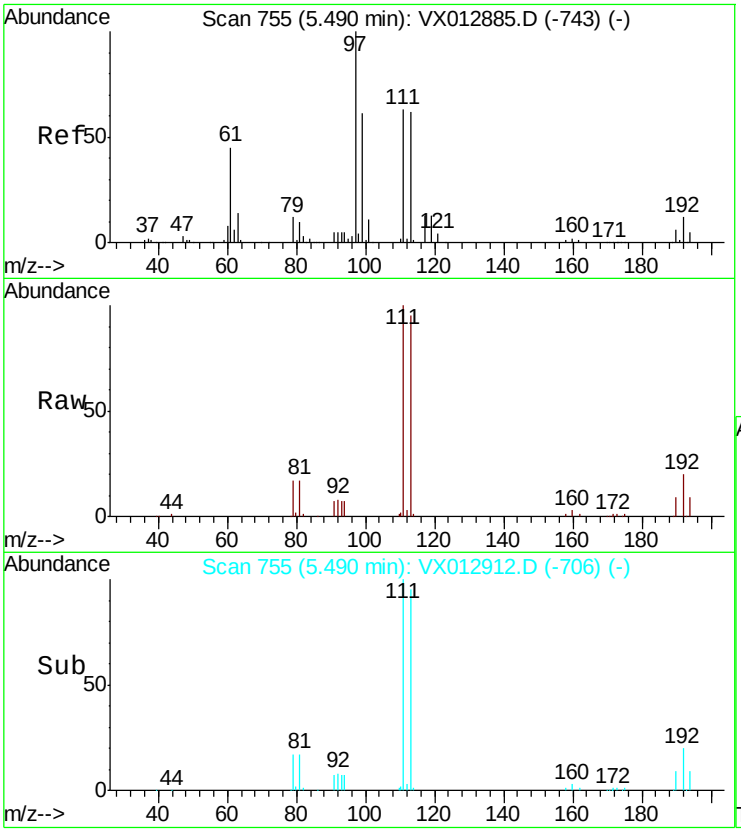


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion:114 Resp: 313683

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	17.5	0.0	33.8



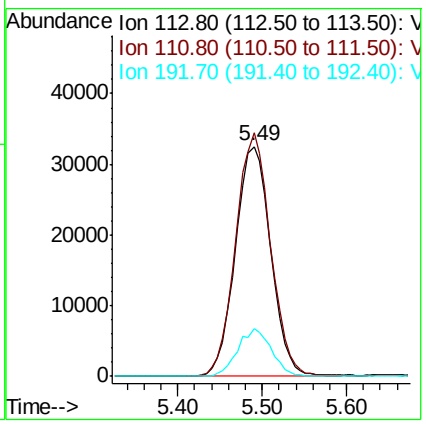


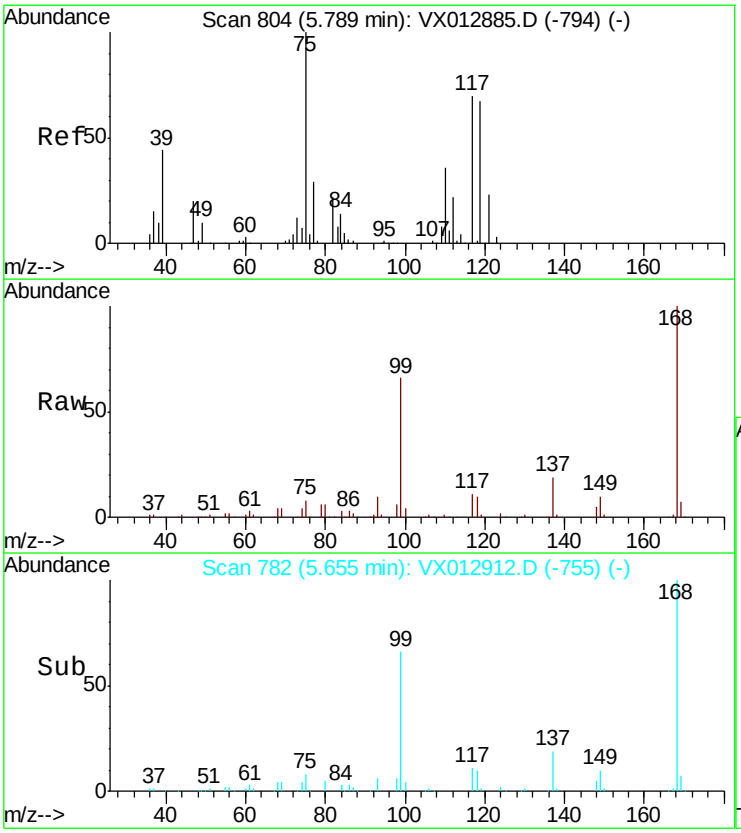
#35
Dibromofluoromethane
Concen: 51.434 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion:113 Resp: 92600

Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.2	124.8
192	19.7	15.4	23.2

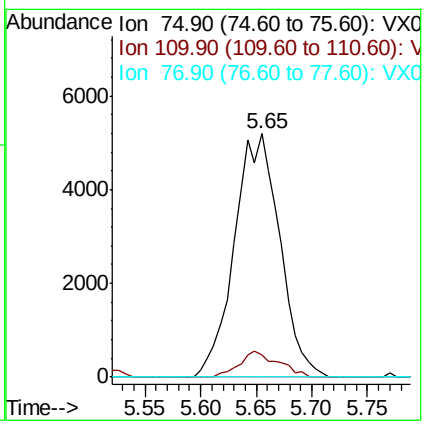


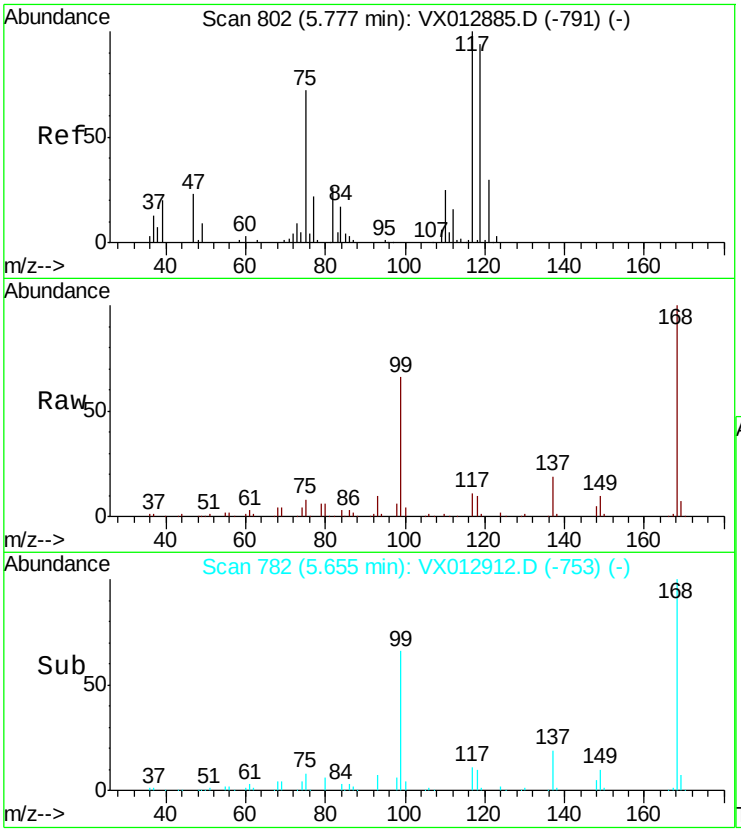


#36
1,1-Dichloropropene
Concen: 5.342 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion: 75 Resp: 14732

Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.6	52.9#
77	0.0	24.4	36.6#



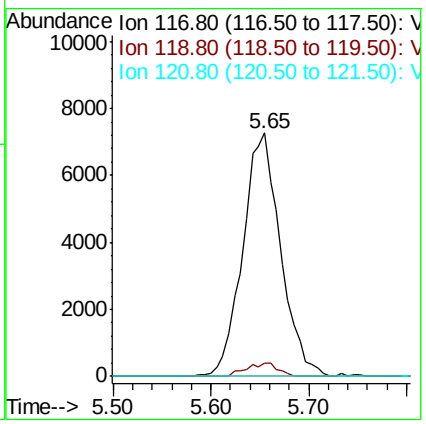


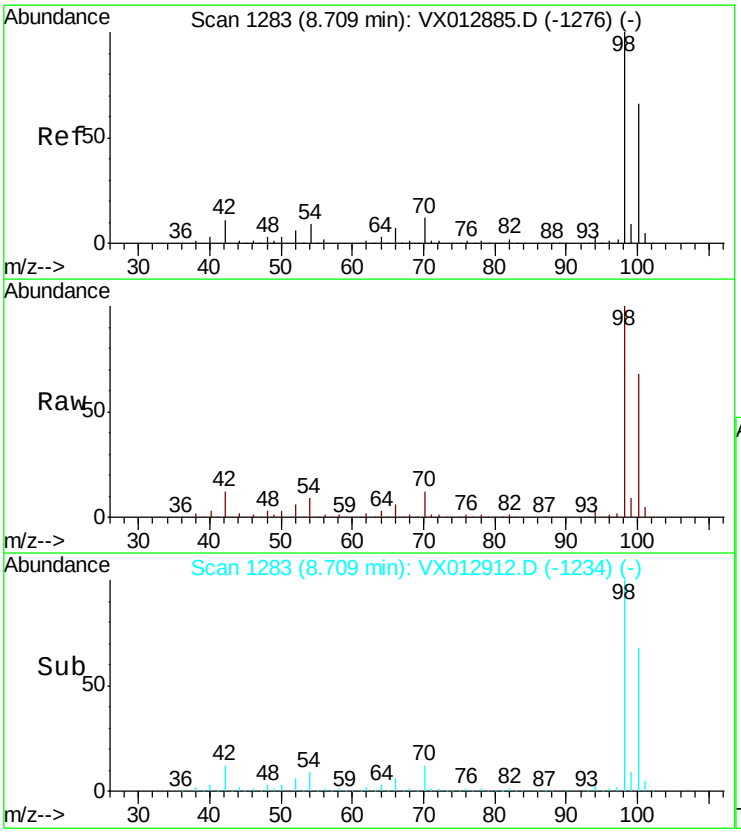
#38
Carbon Tetrachloride
Concen: 7.278 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion:117 Resp: 19536

Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.5	111.7#
121	0.0	24.2	36.4#

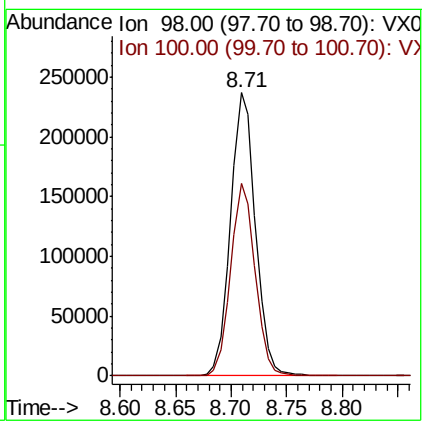


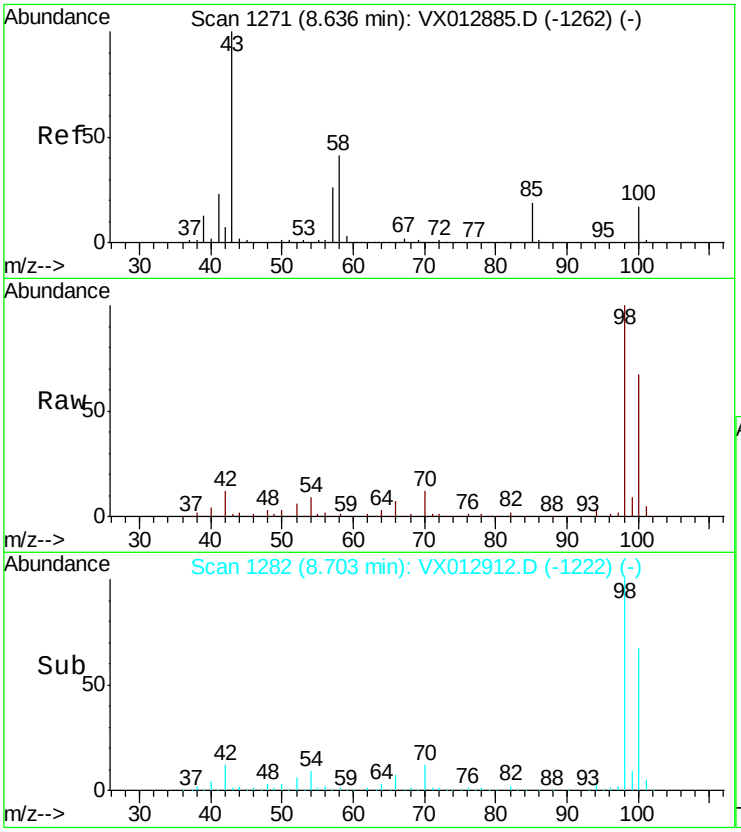


#50
Toluene-d8
Concen: 52.359 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion: 98 Resp: 367658

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.4	80.2



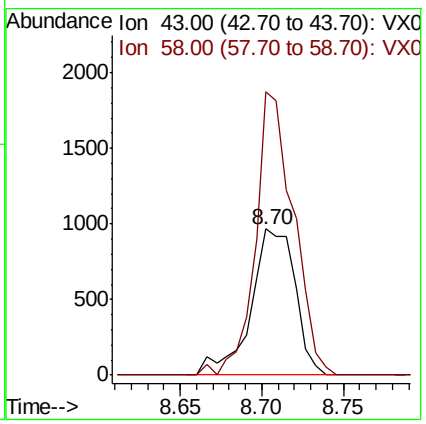


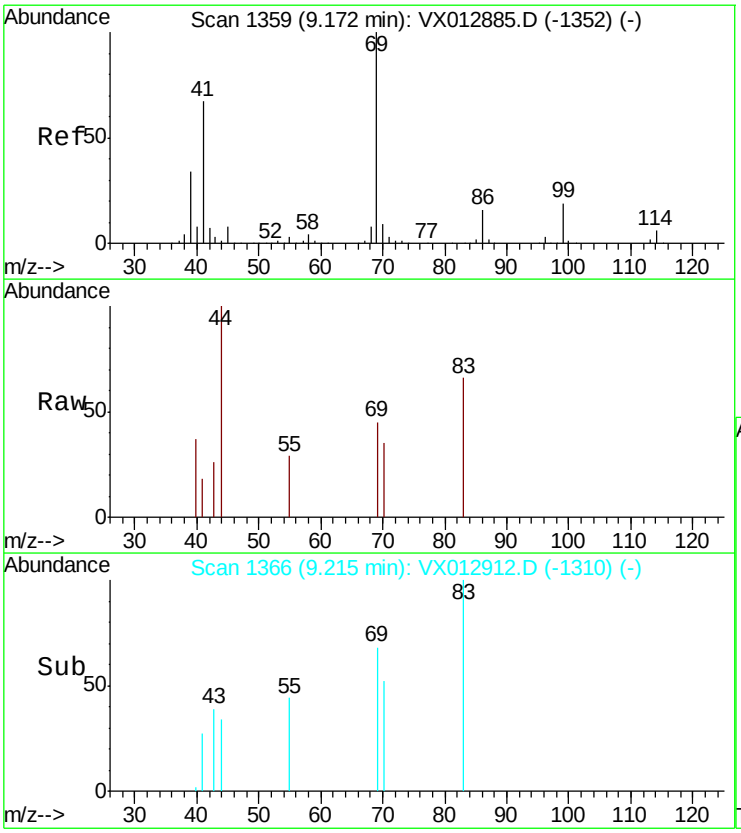
#51
4-Methyl-2-Pentanone
Concen: 0.593 ug/l
RT: 8.70 min Scan# 1282
Delta R.T. 0.07 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion: 43 Resp: 1831

Ion	Ratio	Lower	Upper
43	100		
58	166.3	32.4	48.6#

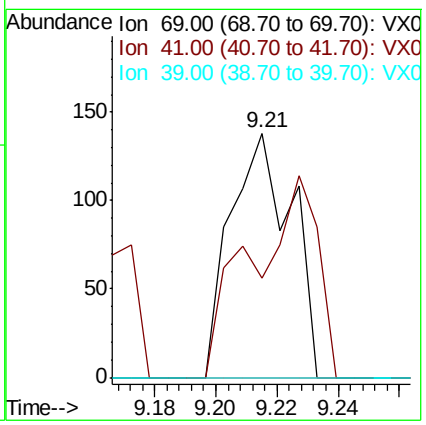


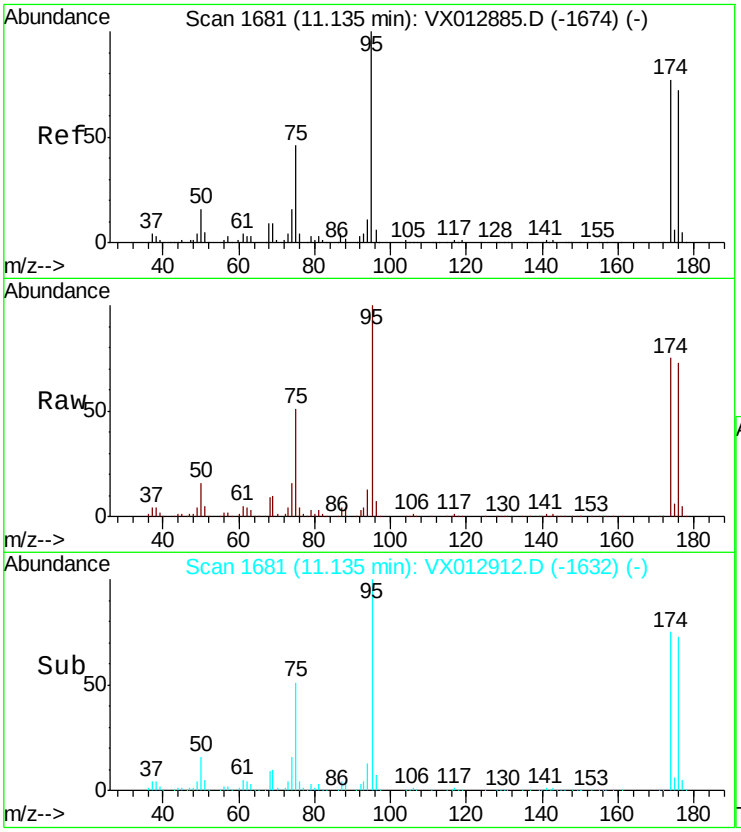


#56
Ethyl methacrylate
Concen: 1.881 ug/l
RT: 9.21 min Scan# 1366
Delta R.T. 0.04 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion: 69 Resp: 191

Ion	Ratio	Lower	Upper
69	100		
41	89.0	52.1	78.1#
39	0.0	27.8	41.8#



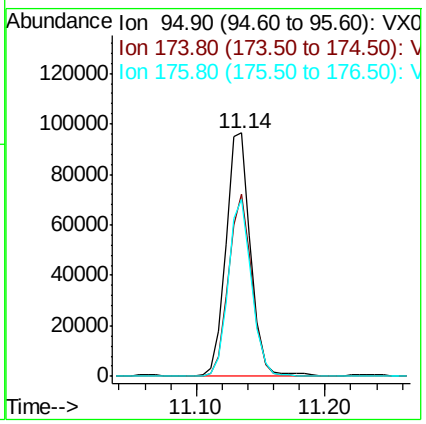


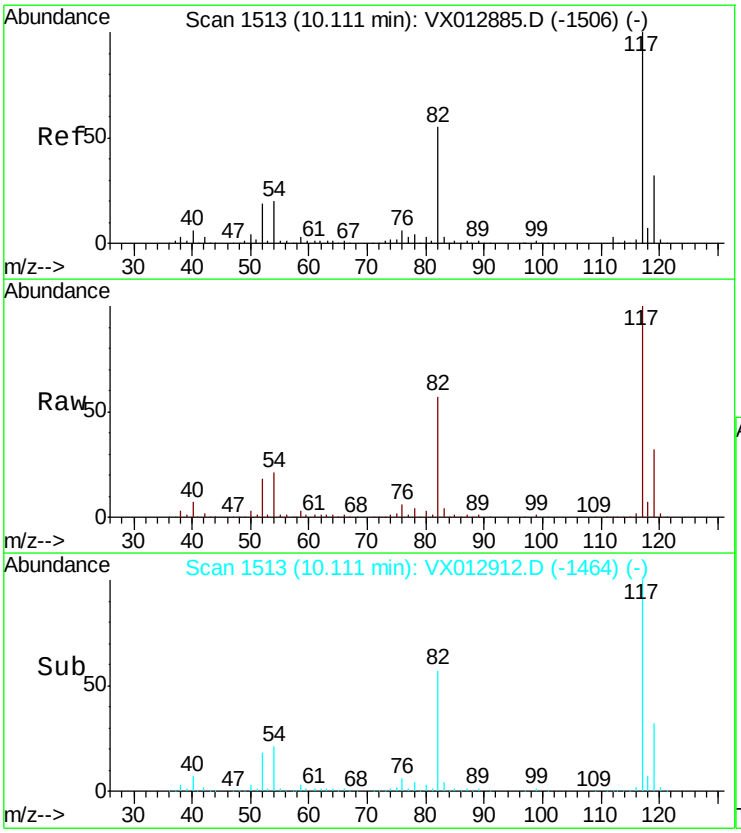
#62
4-Bromofluorobenzene
Concen: 47.616 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion: 95 Resp: 129915

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	143.4
176	68.5	0.0	136.0

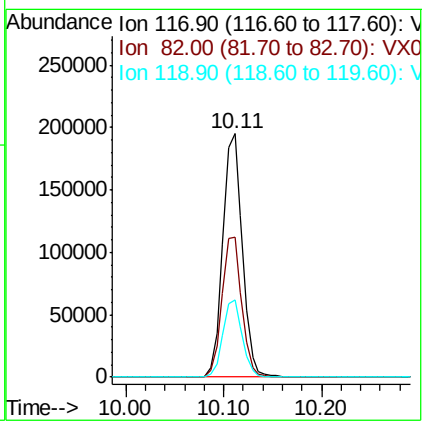


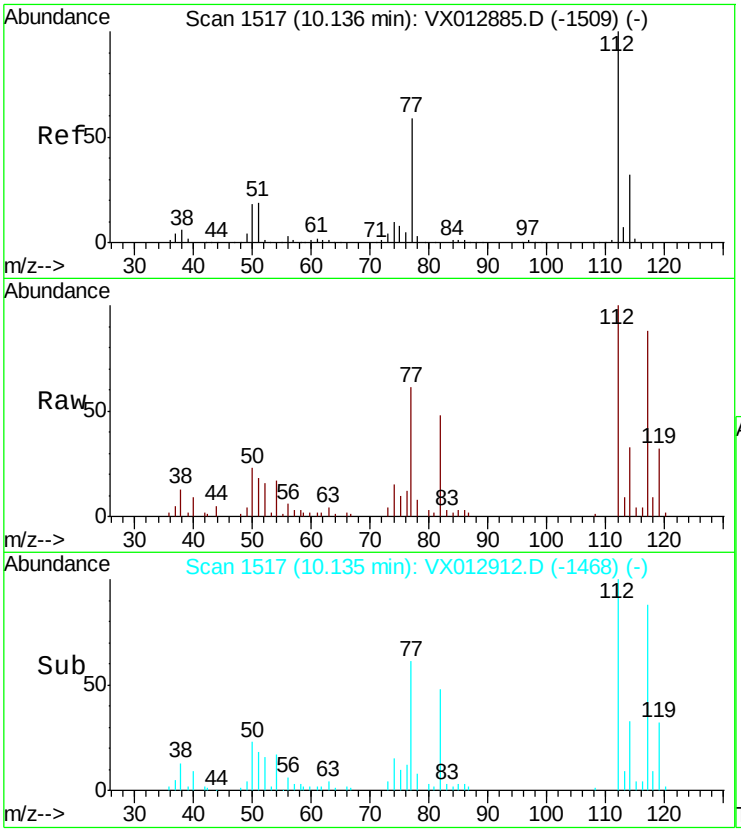


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion:117 Resp: 270937

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.1	66.1
119	31.7	25.8	38.8



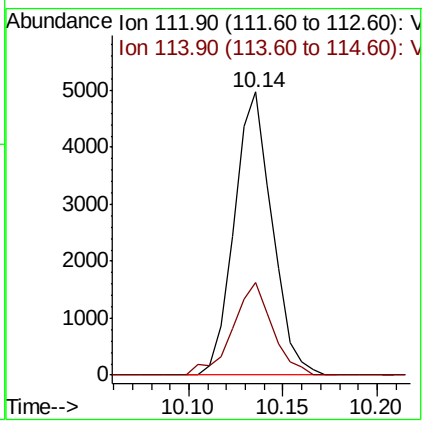


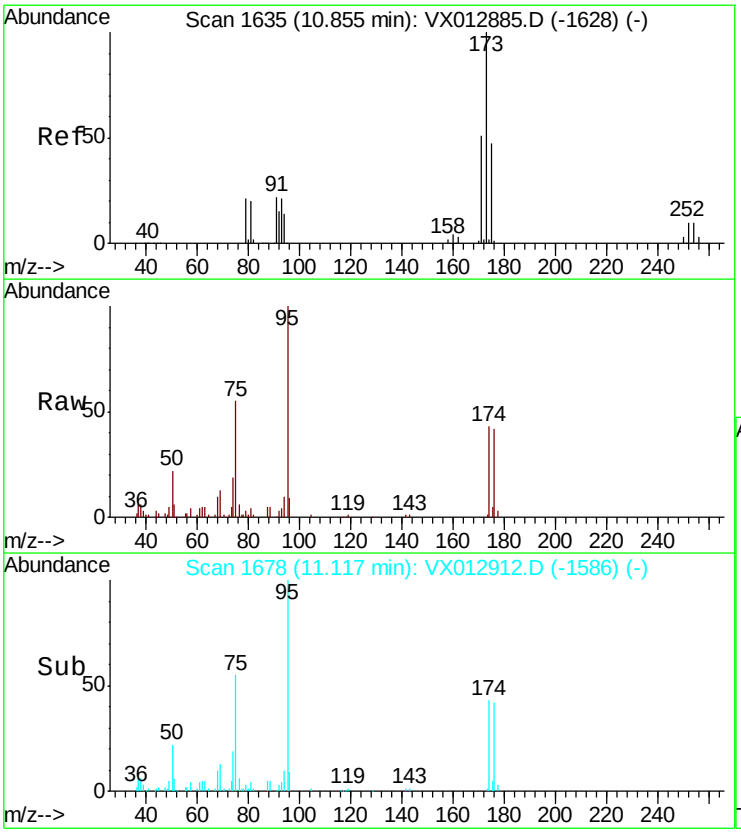
#65
Chlorobenzene
Concen: 1.285 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion:112 Resp: 6916

Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.7	38.5

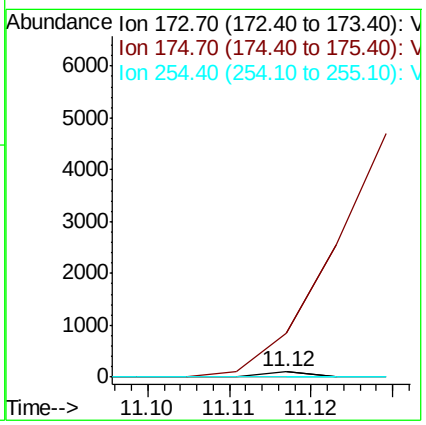


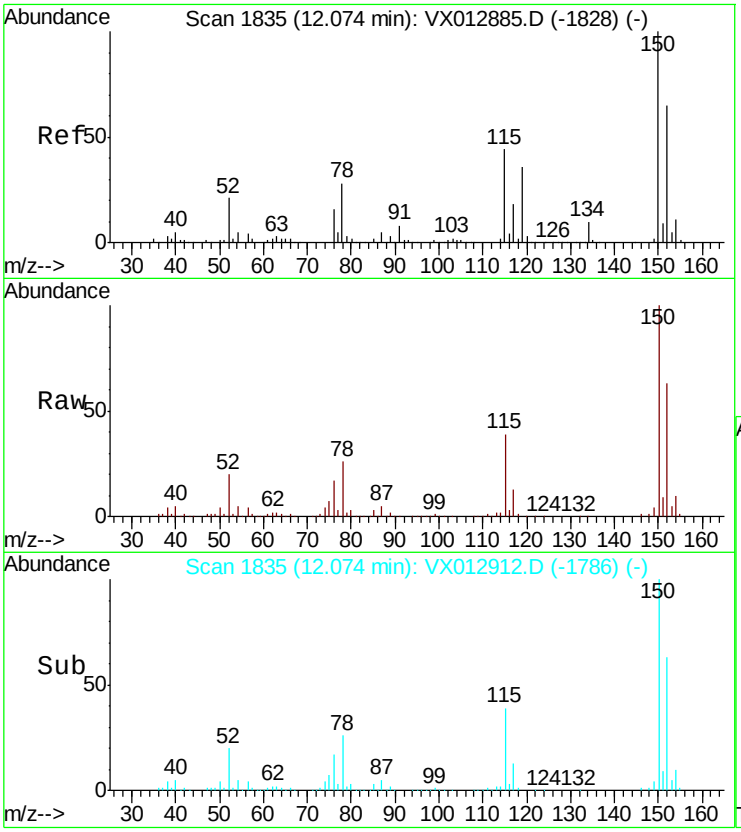


#71
Bromoform
Concen: 3.153 ug/l
RT: 11.12 min Scan# 1678
Delta R.T. 0.26 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion:173 Resp: 35

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.1	72.3#
254	0.0	0.1	0.1#



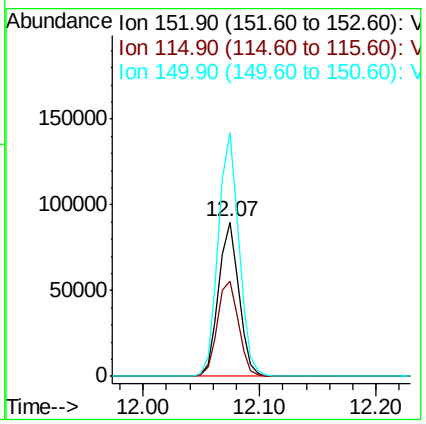


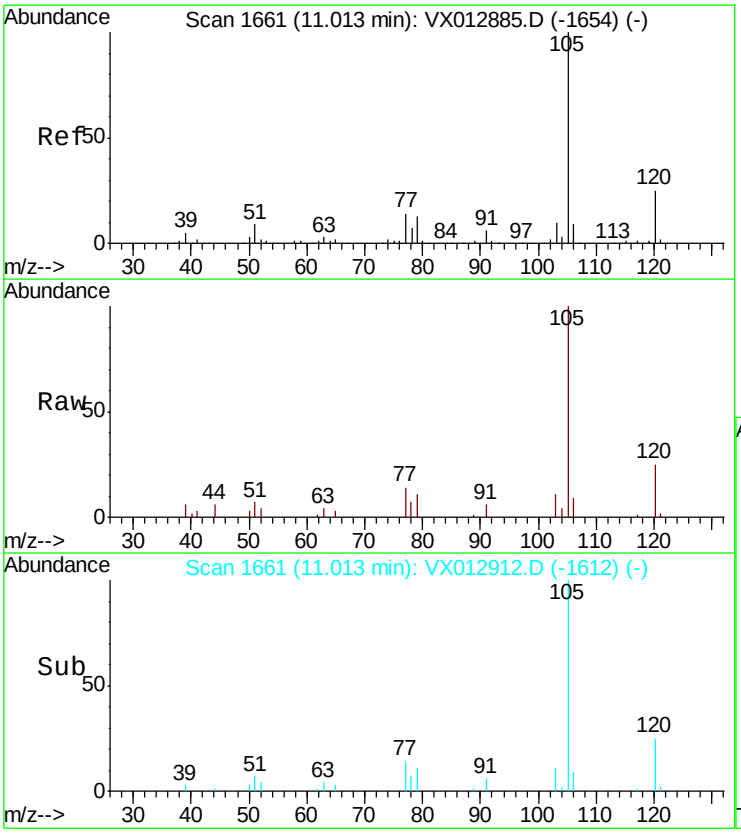
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion:152 Resp: 108782

Ion	Ratio	Lower	Upper
152	100		
115	64.0	44.5	133.5
150	159.2	0.0	353.4

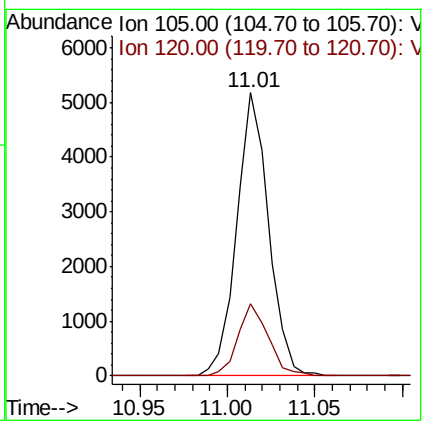


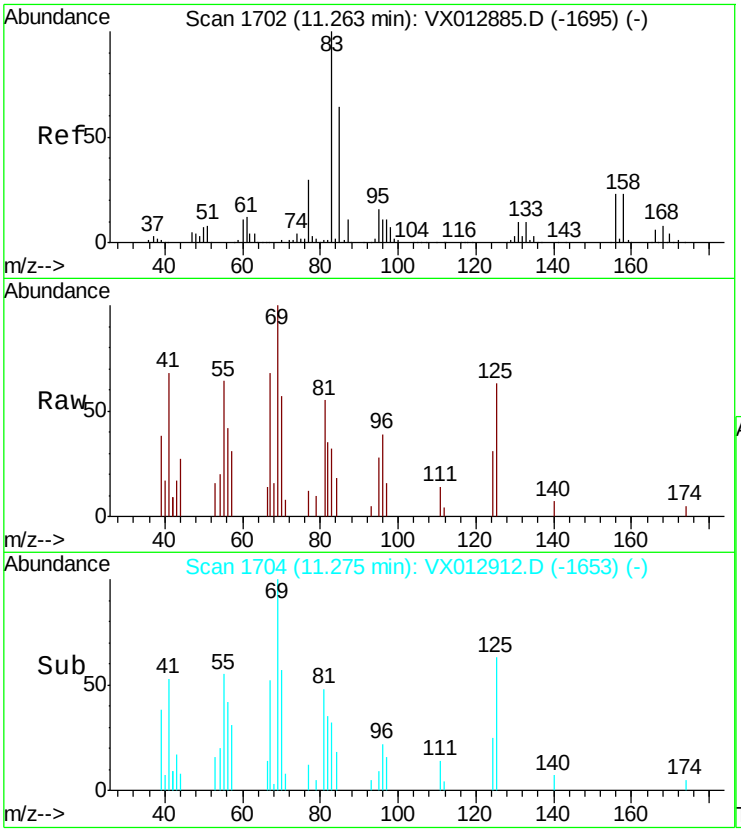


#73
Isopropylbenzene
Concen: 0.821 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion:105 Resp: 6565

Ion	Ratio	Lower	Upper
105	100		
120	24.2	13.0	39.0



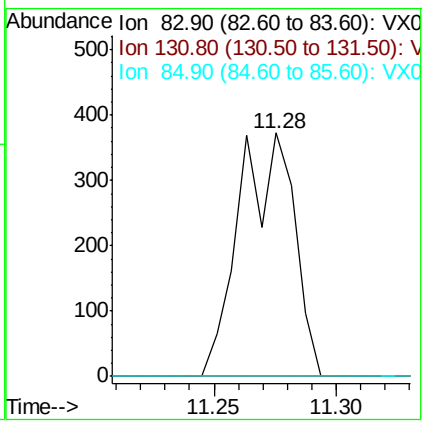


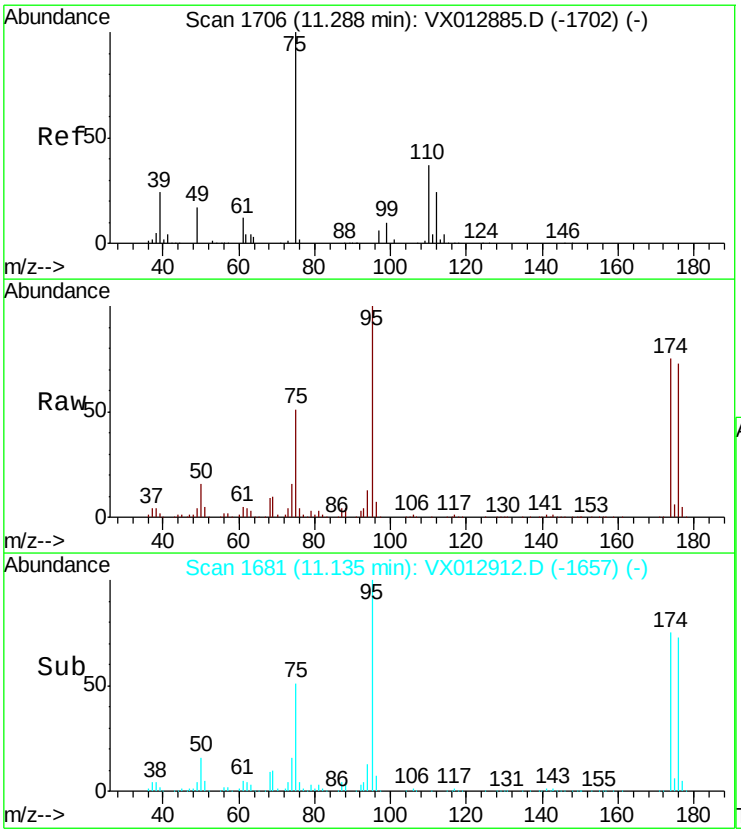
#75
1,1,2,2-Tetrachloroethane
Concen: 0.218 ug/l
RT: 11.28 min Scan# 1704
Delta R.T. 0.01 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion: 83 Resp: 581

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	0.0	32.1	96.5#

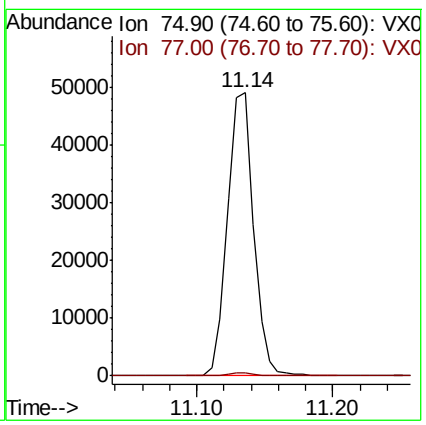


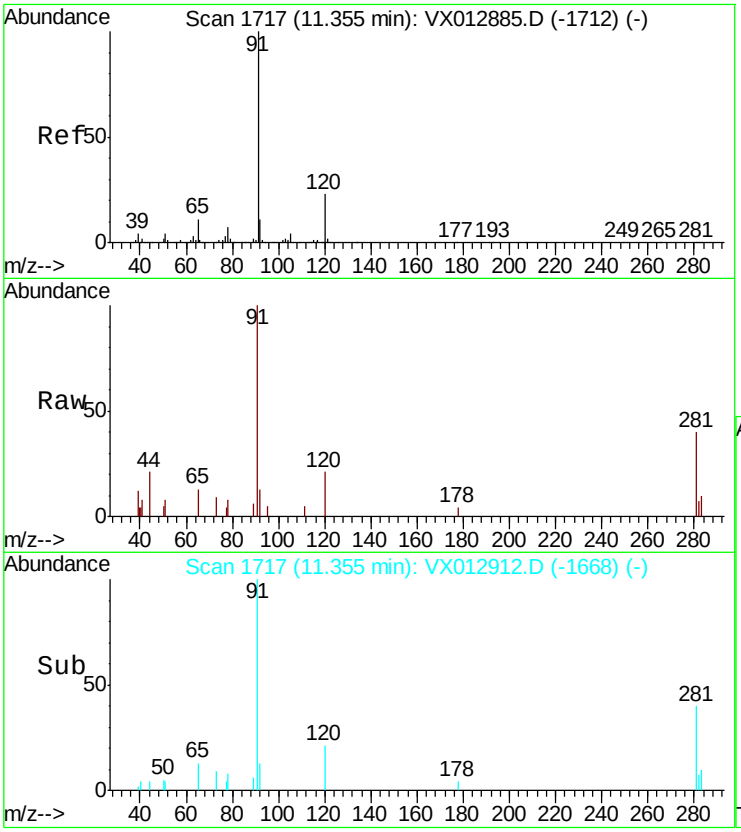


#76
1,2,3-Trichloropropane
Concen: 27.267 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.15 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion: 75 Resp: 65788

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.9	68.8#



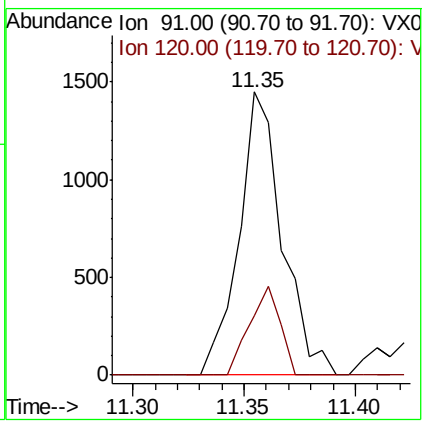


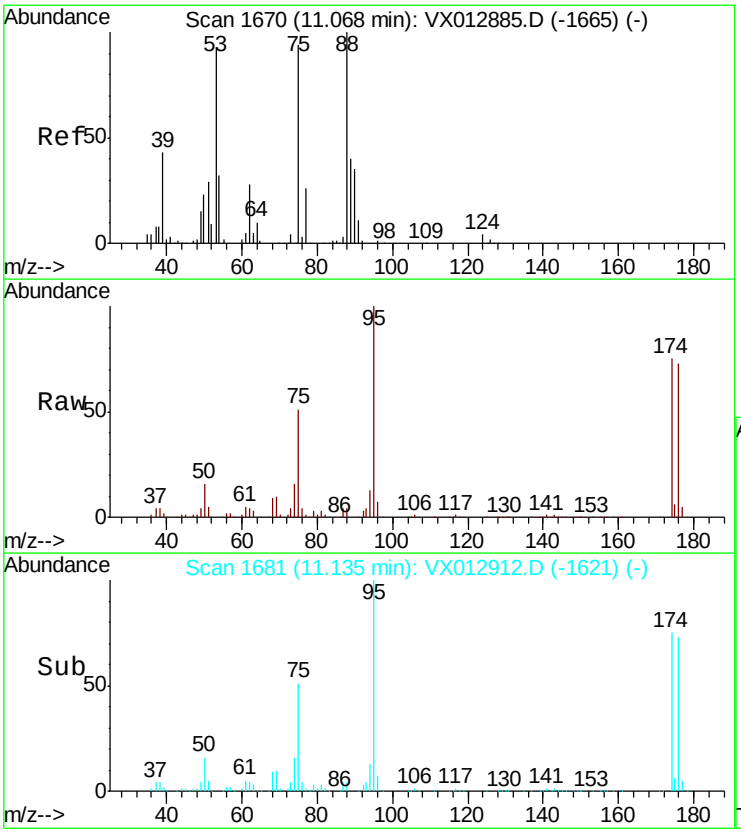
#78
n-propylbenzene
Concen: 0.223 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion: 91 Resp: 1964

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.7	35.1

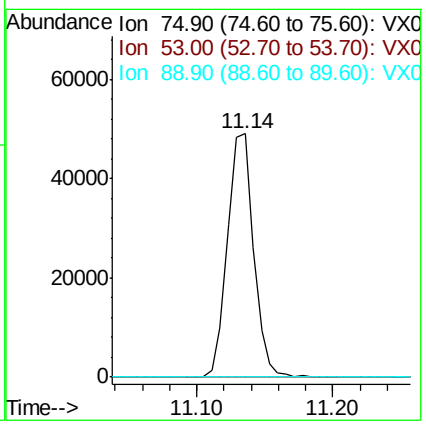


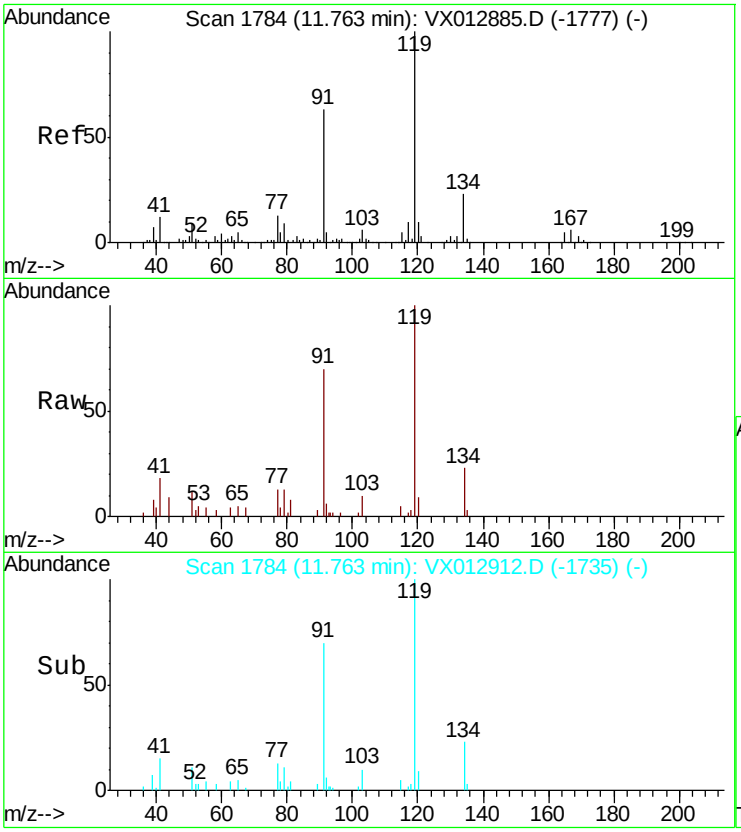


#81
trans-1,4-Dichloro-2-butene
Concen: 68.472 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion: 75 Resp: 65788

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.5	117.7#
89	0.0	37.4	56.2#



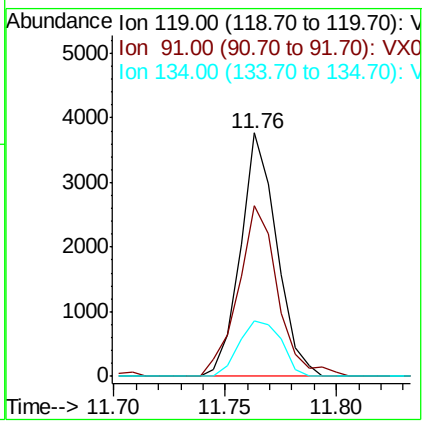


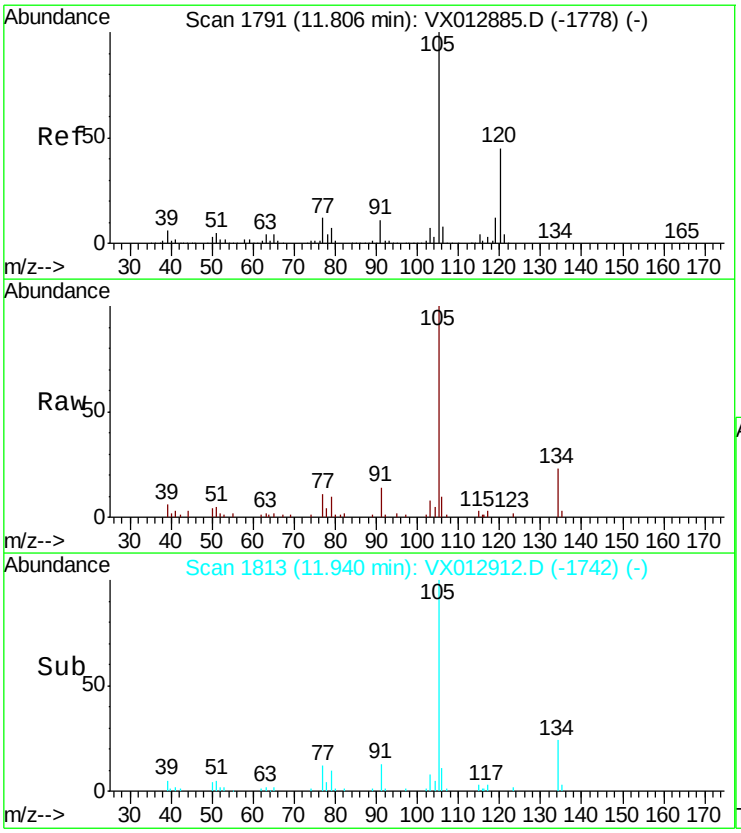
#83
tert-Butylbenzene
Concen: 0.659 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion:119 Resp: 4296

Ion	Ratio	Lower	Upper
119	100		
91	76.2	29.3	87.9
134	26.2	11.5	34.4

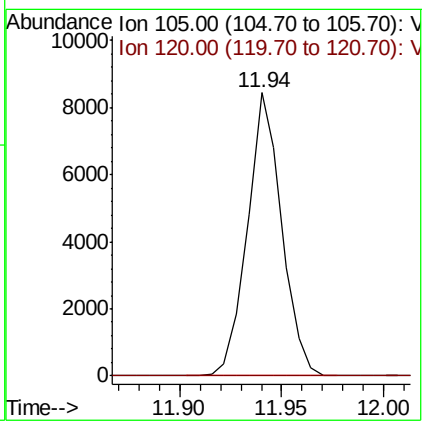


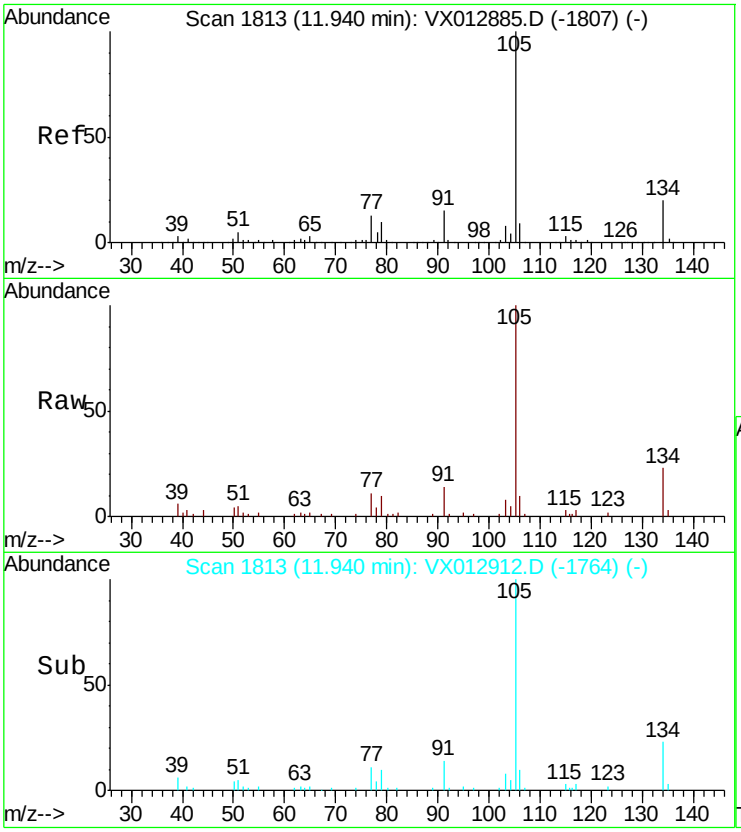


#84
1,2,4-Trimethylbenzene
Concen: 1.457 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.13 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion:105 Resp: 9854

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.8	65.3#



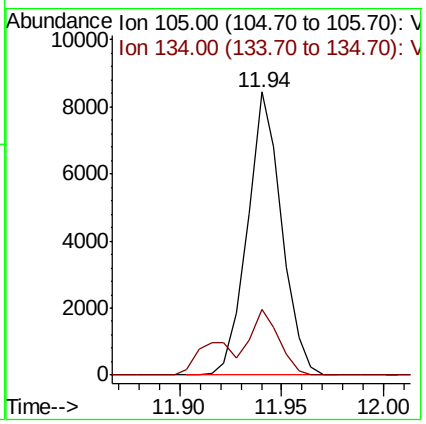


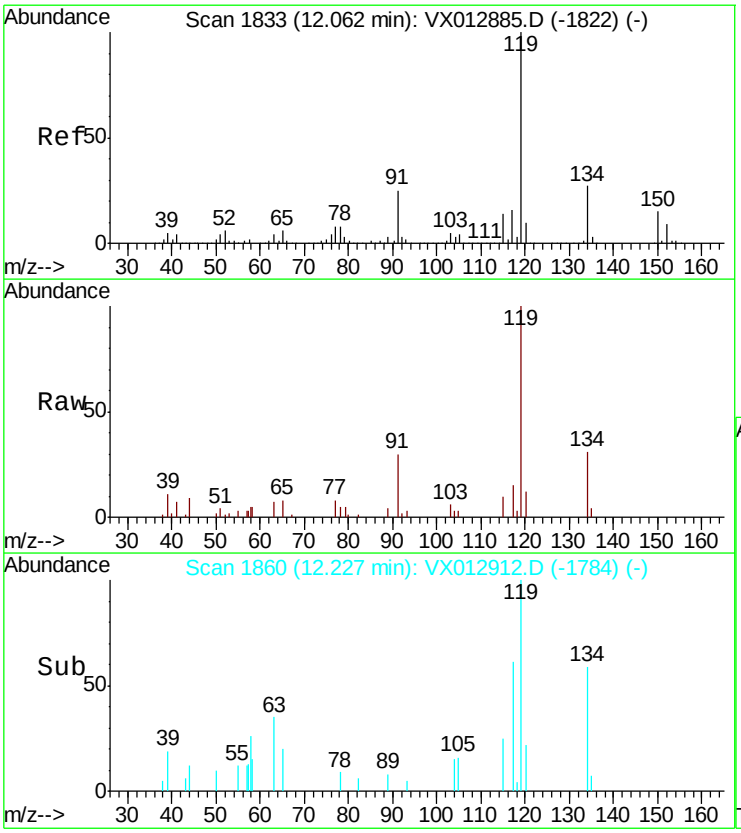
#85
sec-Butylbenzene
Concen: 1.306 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion:105 Resp: 9854

Ion	Ratio	Lower	Upper
105	100		
134	19.4	10.0	30.0

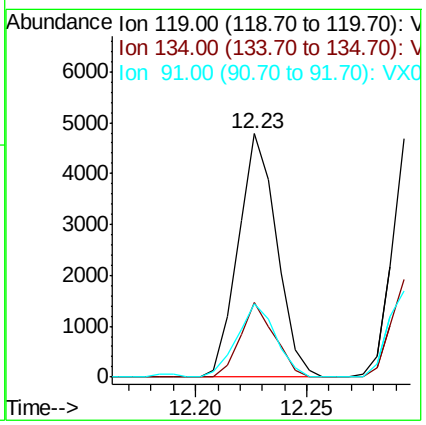


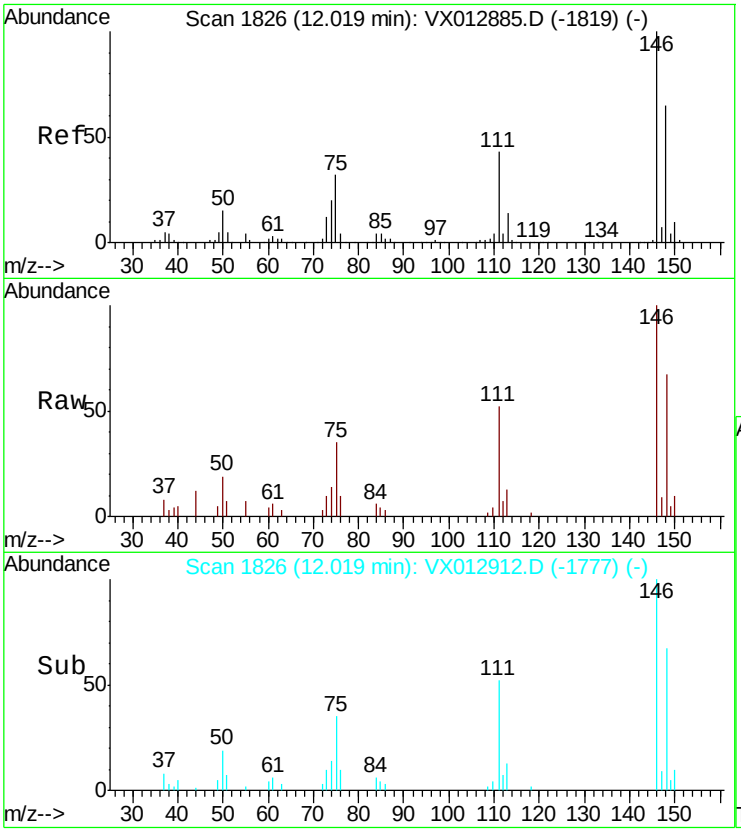


#86
p-Isopropyltoluene
Concen: 0.824 ug/l
RT: 12.23 min Scan# 1860
Delta R.T. 0.16 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion:119 Resp: 5768

Ion	Ratio	Lower	Upper
119	100		
134	27.1	12.6	37.8
91	30.8	12.4	37.4



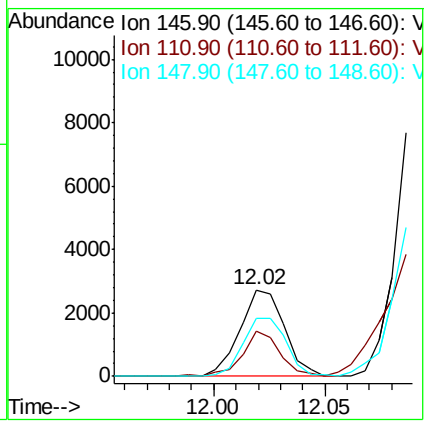


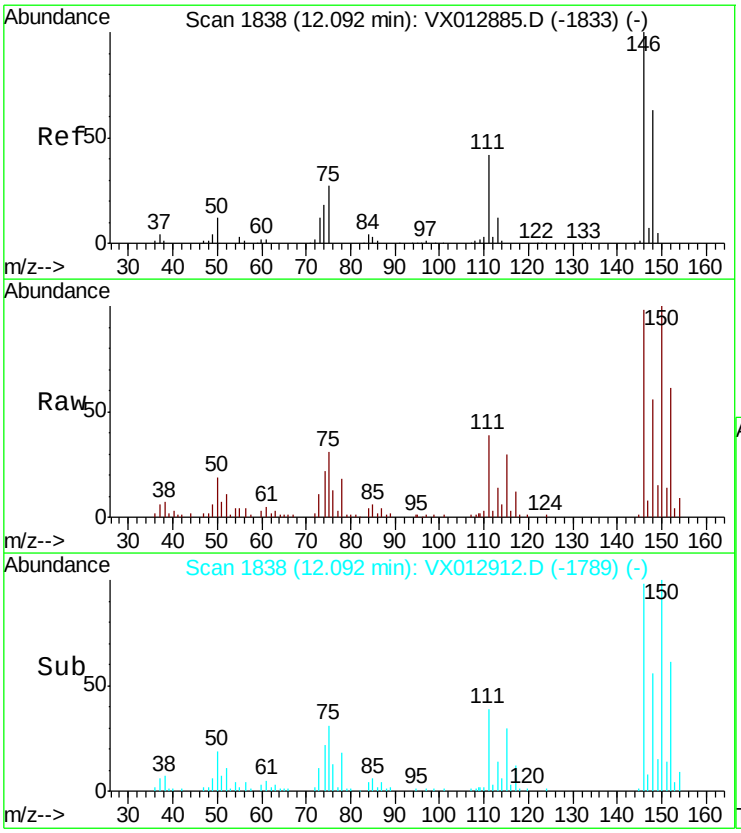
#87
1,3-Dichlorobenzene
Concen: 1.084 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion:146 Resp: 3795

Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.1	63.4
148	65.9	31.6	95.0

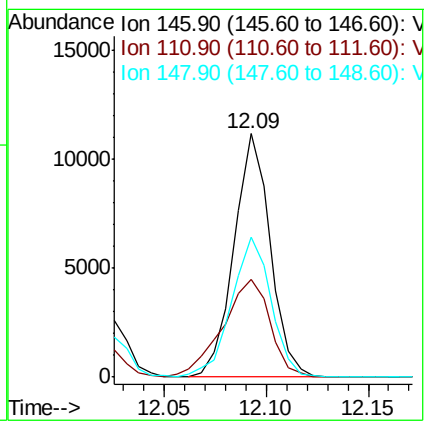


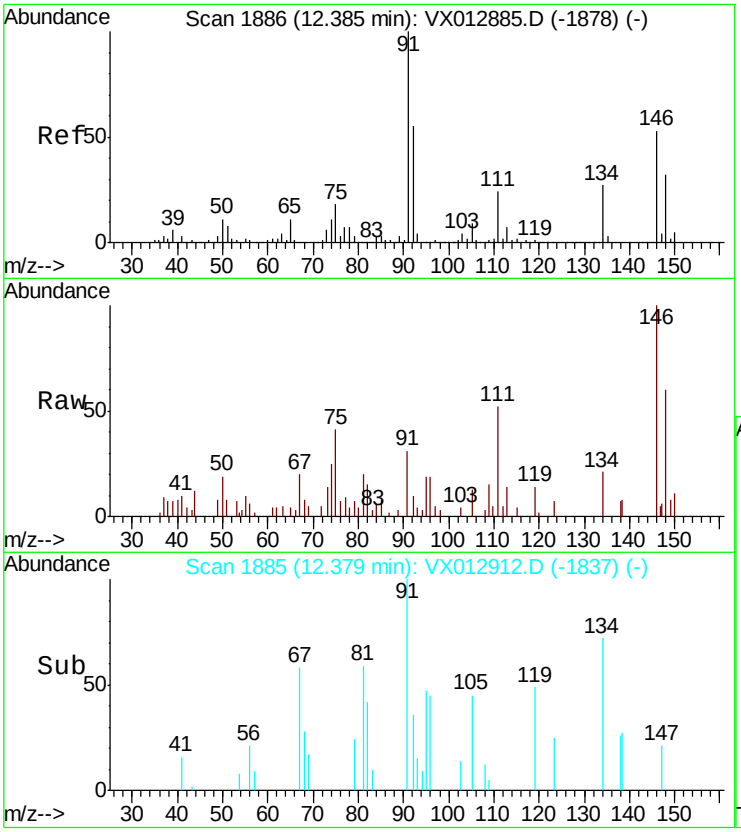


#88
1,4-Dichlorobenzene
Concen: 3.898 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion:146 Resp: 13817

Ion	Ratio	Lower	Upper
146	100		
111	52.5	21.4	64.3
148	62.6	32.1	96.5



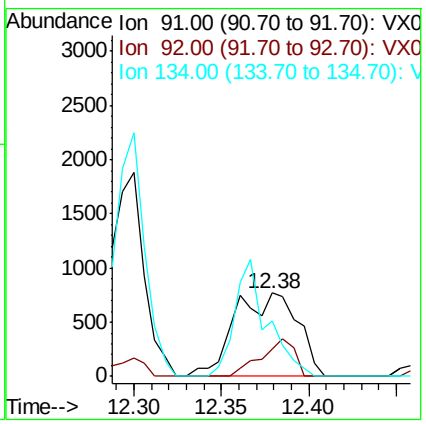


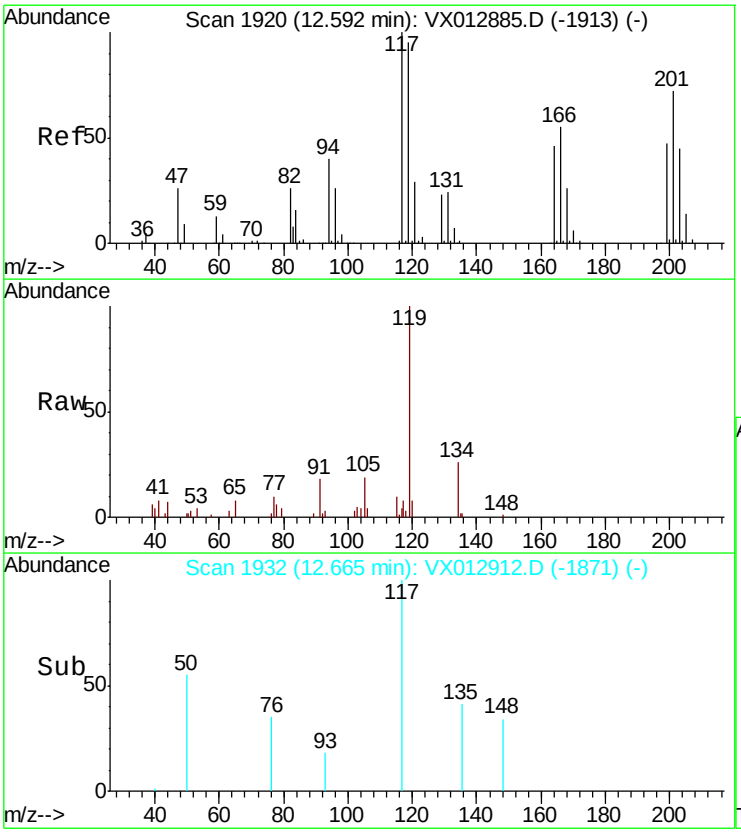
#89
n-Butylbenzene
Concen: 0.328 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion: 91 Resp: 1931

Ion	Ratio	Lower	Upper
91	100		
92	23.8	27.5	82.5#
134	72.1	12.9	38.7#

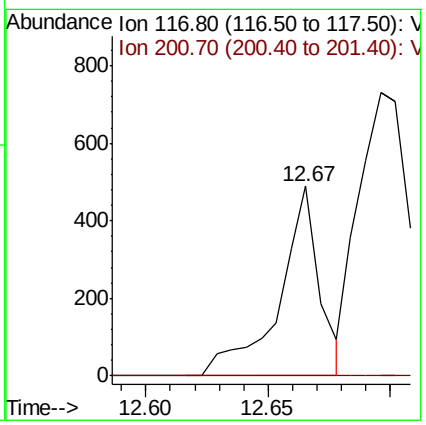


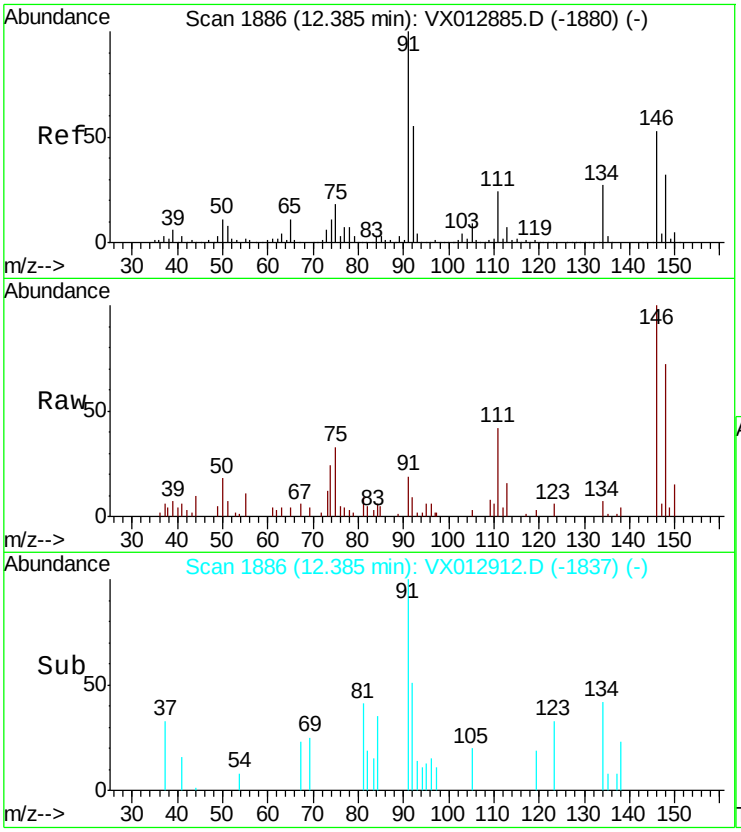


#90
Hexachloroethane
Concen: 2.532 ug/l
RT: 12.67 min Scan# 1932
Delta R.T. 0.07 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Tgt Ion:117 Resp: 560

Ion	Ratio	Lower	Upper
117	100		
201	0.0	36.9	110.7#





#91
1,2-Dichlorobenzene
Concen: 1.489 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012912.D
Acq: 09 Oct 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10I1-20191002

Tgt Ion:146 Resp: 5110

Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.7	68.0
148	60.9	31.6	94.7