Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100819\
Data File : VX012916.D
Acq On : 09 Oct 2019 02:45
Operator : JC/SP
Sample : K5232-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 09 03:47:50 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	188031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	318354	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	123513	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.12%			
35) Dibromofluoromethane	5.49	113	94184	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.10%			
50) Toluene-d8	8.71	98	376151	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.56%			
62) 4-Bromofluorobenzene	11.13	95	131288	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.82%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	475	0.228	ug/l #	72
4) Vinyl Chloride	1.40	62	19268	8.950	ug/l	96
5) Bromomethane	1.66	94	328	0.366	ug/l #	41
6) Chloroethane	1.70	64	354	0.635	ug/l #	51
10) Methyl Iodide	2.50	142	45	5.101	ug/l #	40
11) Tert butyl alcohol	3.03	59	1816	2.915	ug/l #	81
14) Allyl chloride	2.59	41	7637	2.257	ug/l #	68
16) Acetone	2.43	43	8550	6.902	ug/l	95
18) Methyl Acetate	2.84	43	2340	0.797	ug/l #	51
21) trans-1,2-Dichloroethene	3.16	96	1187	0.583	ug/l #	70
27) cis-1,2-Dichloroethene	4.58	96	40207	17.127	ug/l	91
36) 1,1-Dichloropropene	5.65	75	14563	5.203	ug/l #	49
37) Ethyl Acetate	4.82	43	7364	2.353	ug/l #	80
38) Carbon Tetrachloride	5.65	117	20106	7.380	ug/l #	18
40) Benzene	6.14	78	2483	0.300	ug/l	93
43) Isopropyl Acetate	6.34	43	15105	3.007	ug/l #	60
44) Trichloroethene	7.20	130	884	0.386	ug/l	78
48) Methyl methacrylate	7.67	41	2894	1.182	ug/l #	30
51) 4-Methyl-2-Pentanone	8.71	43	2088	0.667	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	65437	26.480	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	65437	66.615	ug/l #	10
90) Hexachloroethane	12.70	117	181	2.249	ug/l #	13

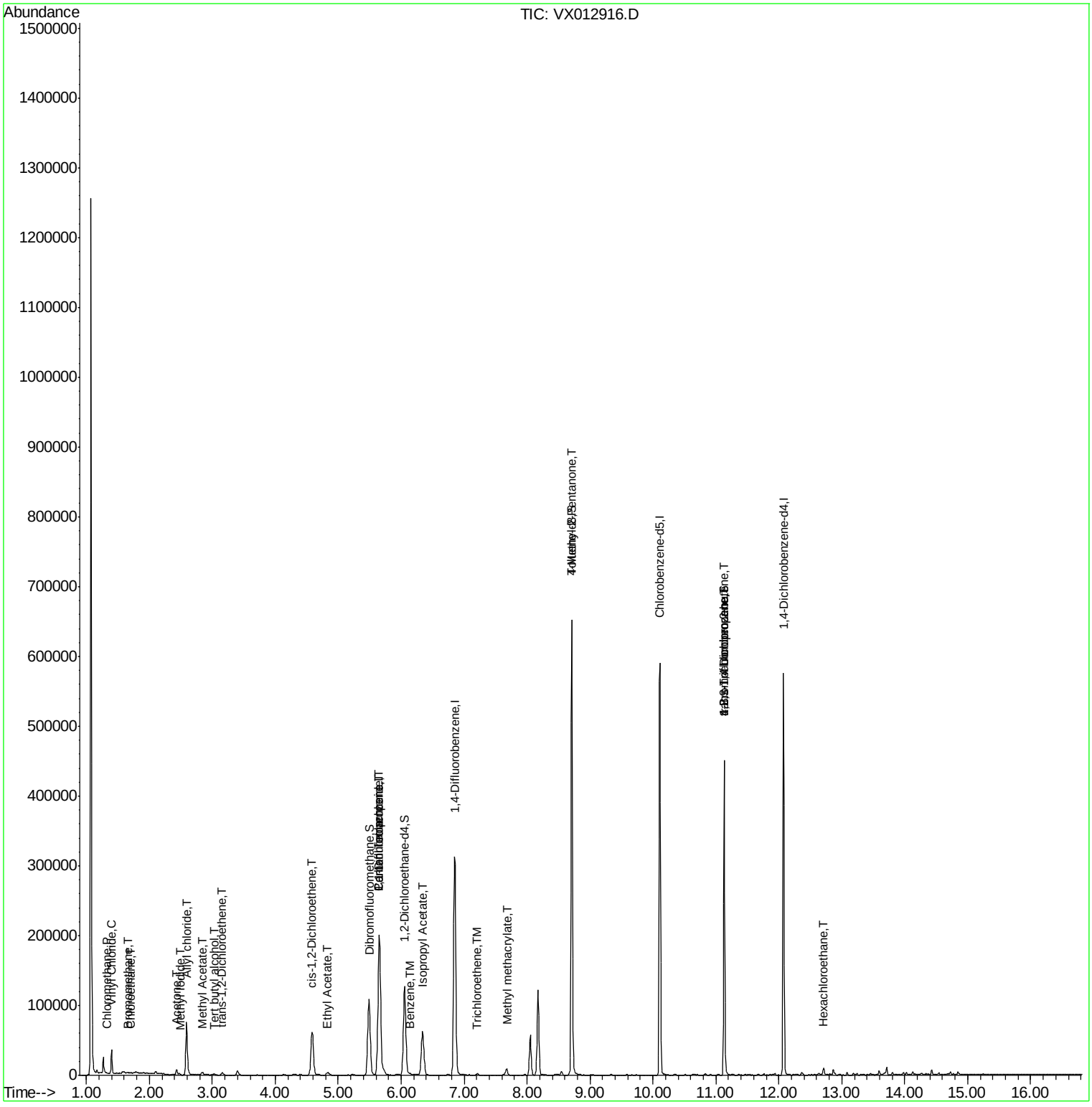
(#) = qualifier out of range (m) = manual integration (+) = signals summed

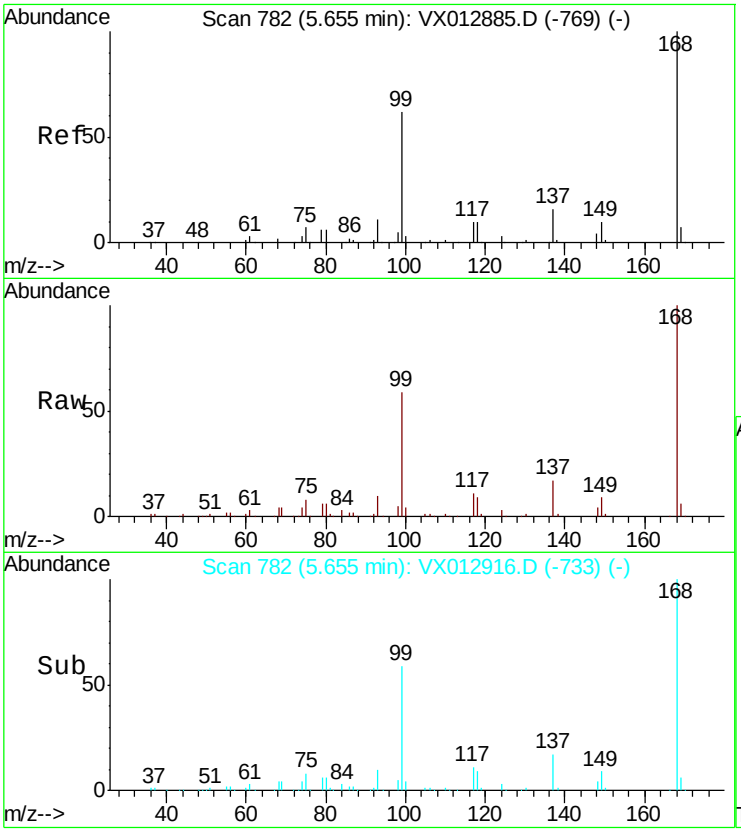
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100819\
Data File : VX012916.D
Acq On : 09 Oct 2019 02:45
Operator : JC/SP
Sample : K5232-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 09 03:47:50 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



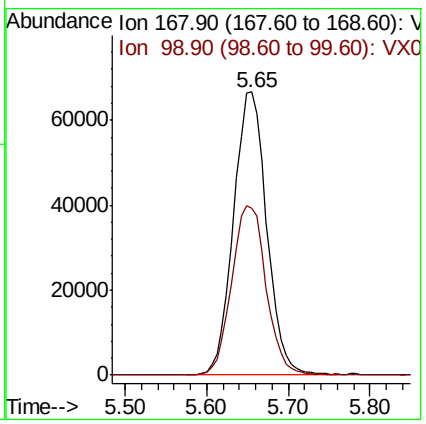


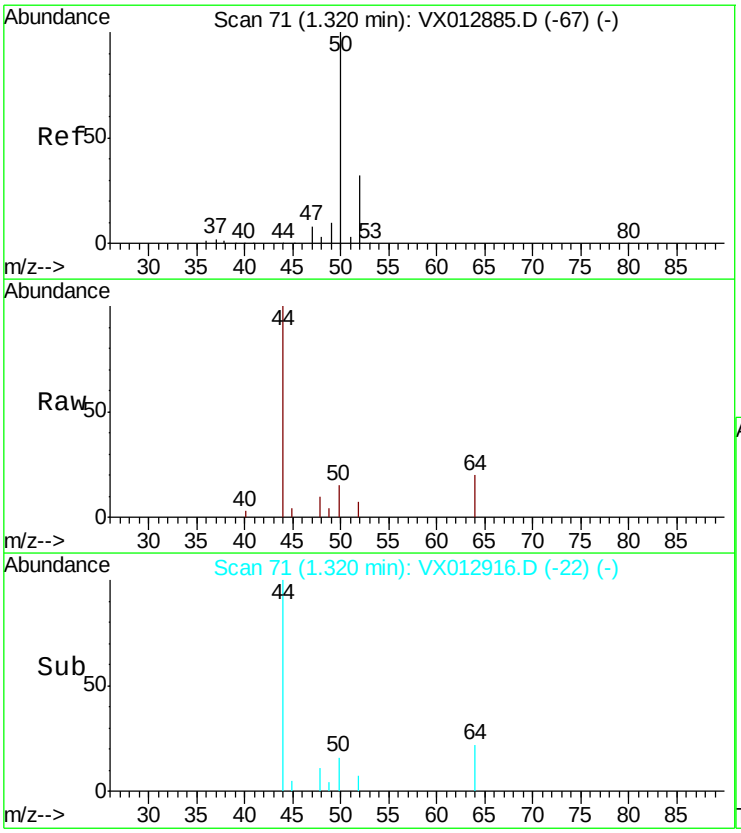
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 188031

Ion	Ratio	Lower	Upper
168	100		
99	58.7	49.4	74.0

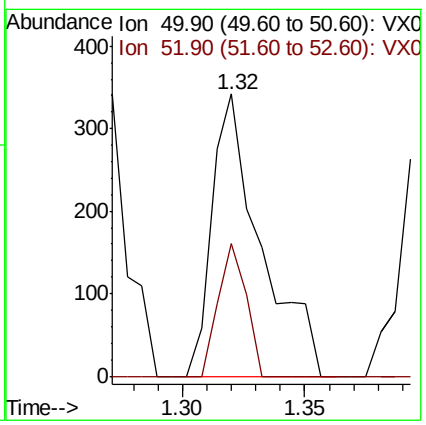


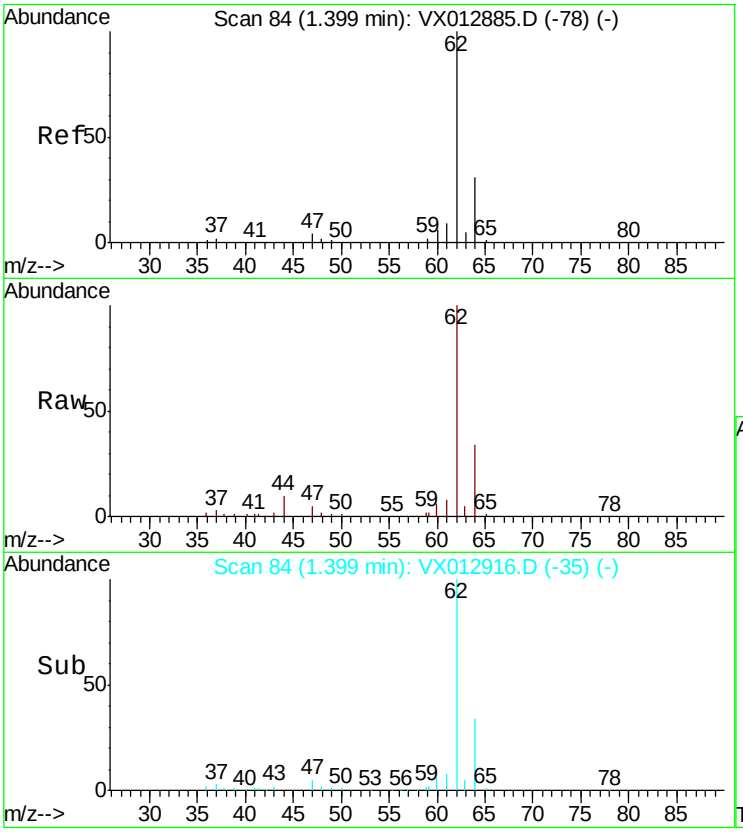


#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion: 50 Resp: 475

Ion	Ratio	Lower	Upper
50	100		
52	46.8	25.2	37.8#



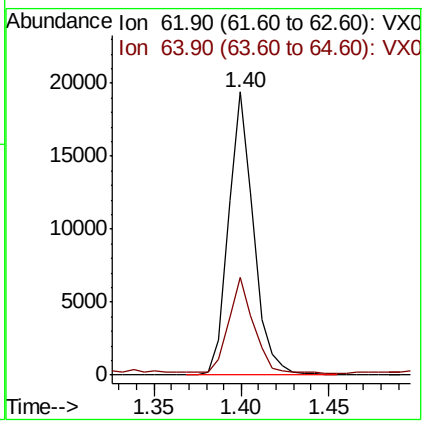


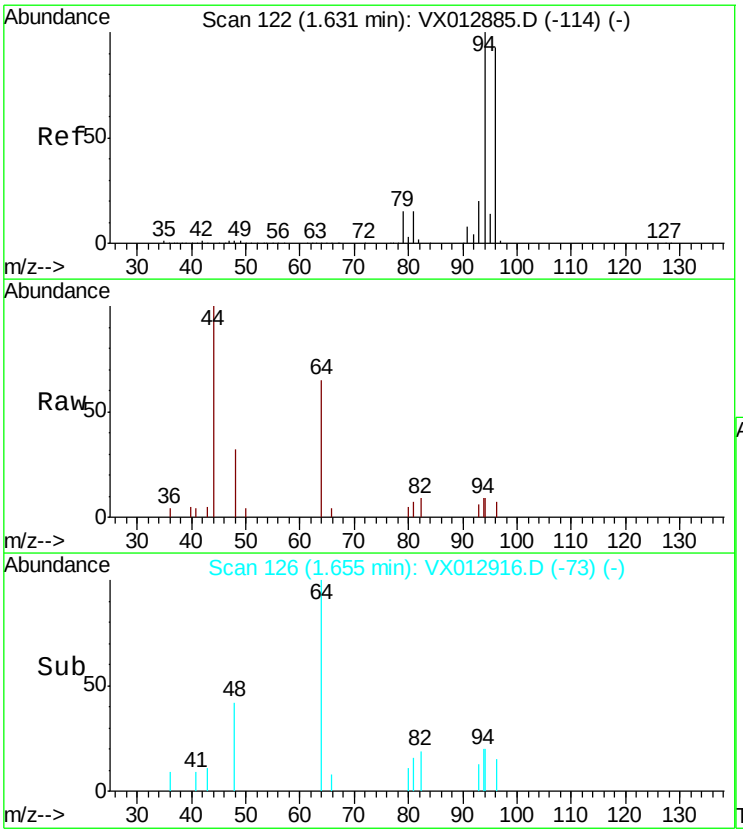
#4
Vinyl Chloride
Concen: 8.950 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 19268

Ion	Ratio	Lower	Upper
62	100		
64	33.9	25.3	37.9

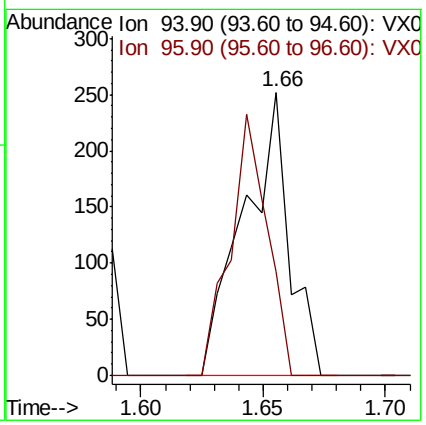


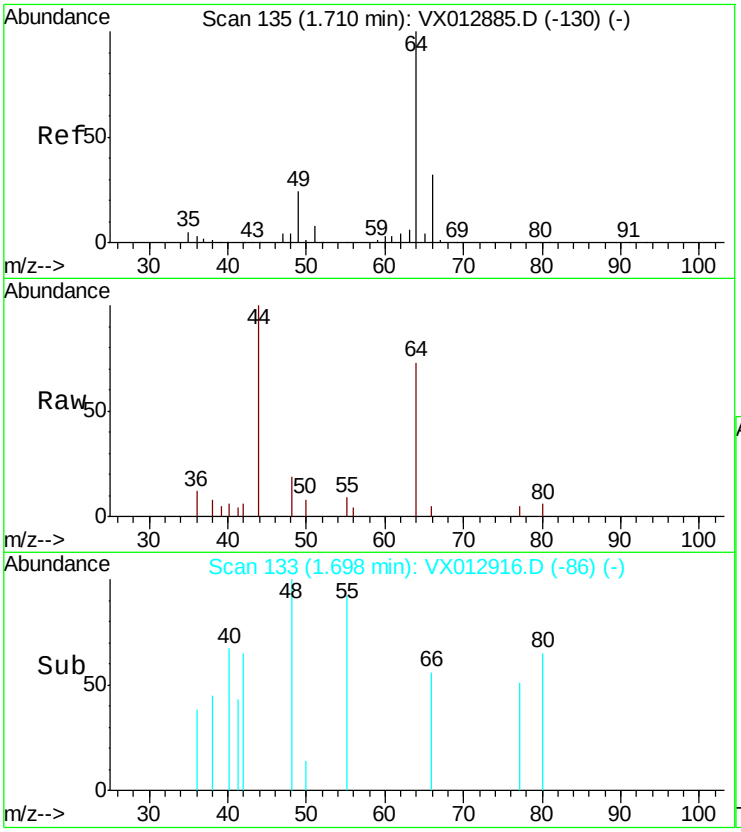


#5
Bromomethane
Concen: 0.366 ug/l
RT: 1.66 min Scan# 126
Delta R.T. 0.02 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion: 94 Resp: 328

Ion	Ratio	Lower	Upper
94	100		
96	36.5	74.7	112.1#



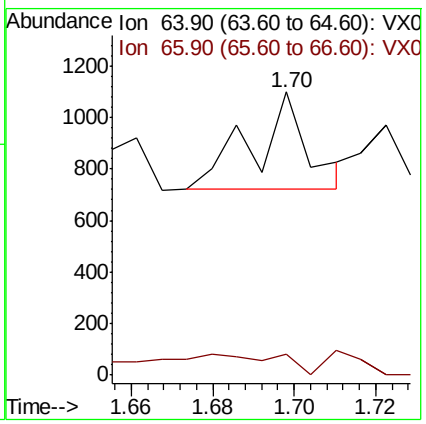


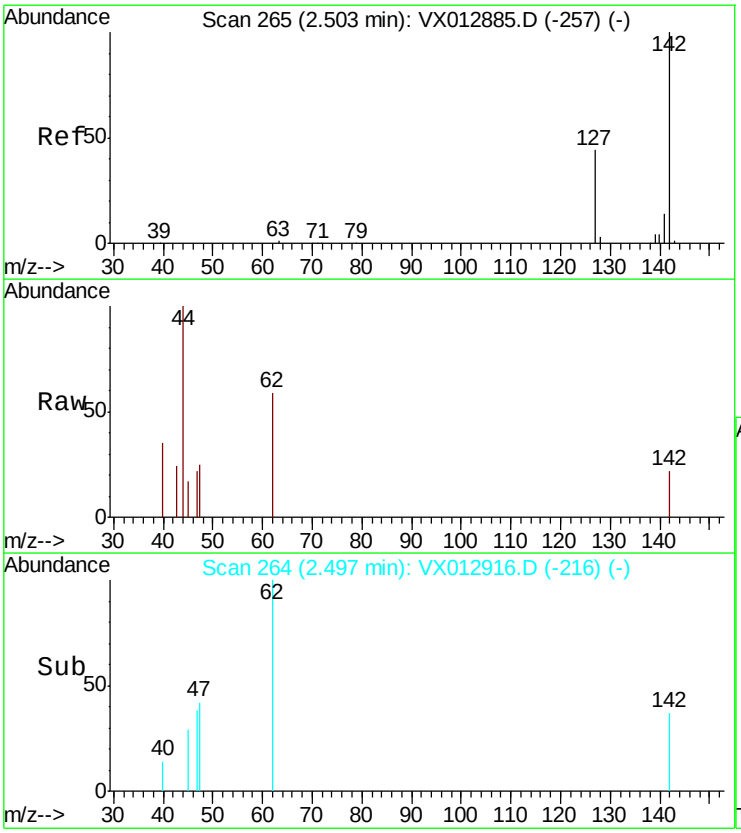
#6
Chloroethane
Concen: 0.635 ug/l
RT: 1.70 min Scan# 133
Delta R.T. -0.01 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 354

Ion	Ratio	Lower	Upper
64	100		
66	4.5	25.6	38.4#

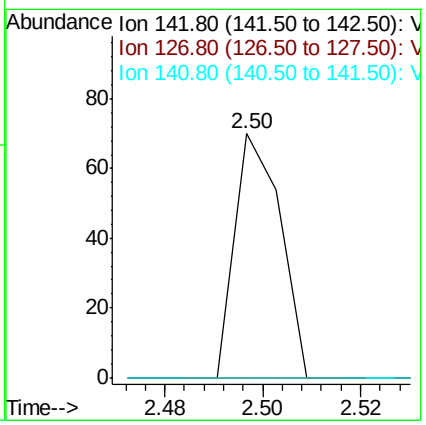


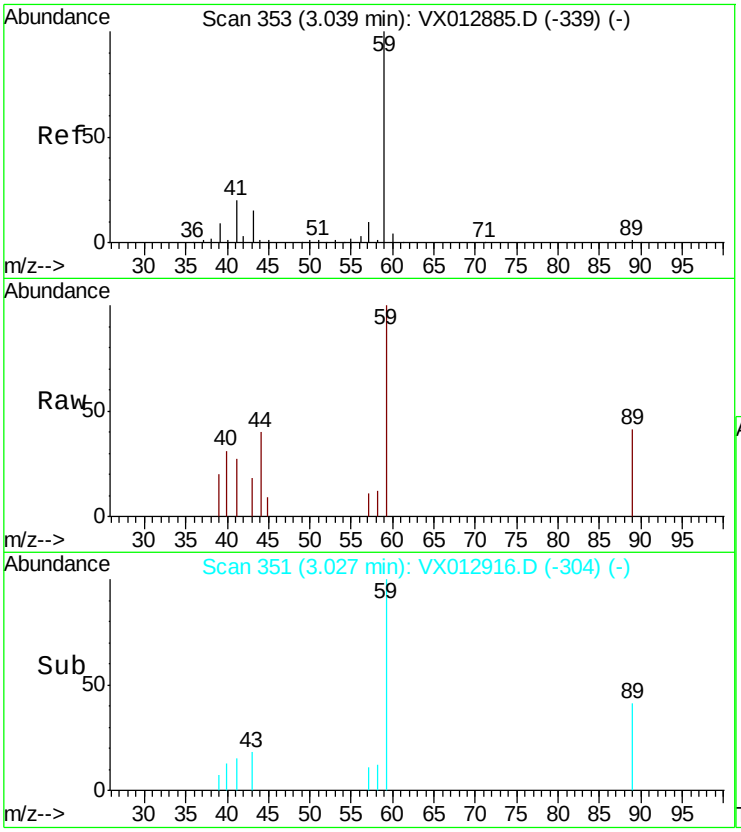


#10
Methyl Iodide
Concen: 5.101 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion:142 Resp: 45

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



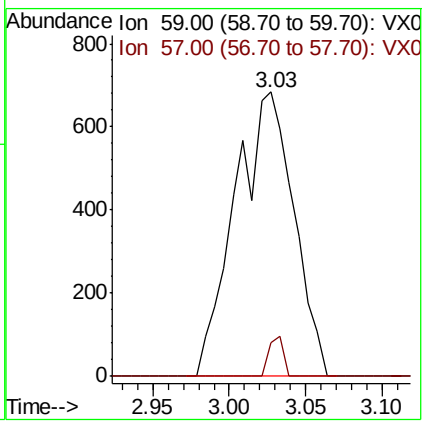


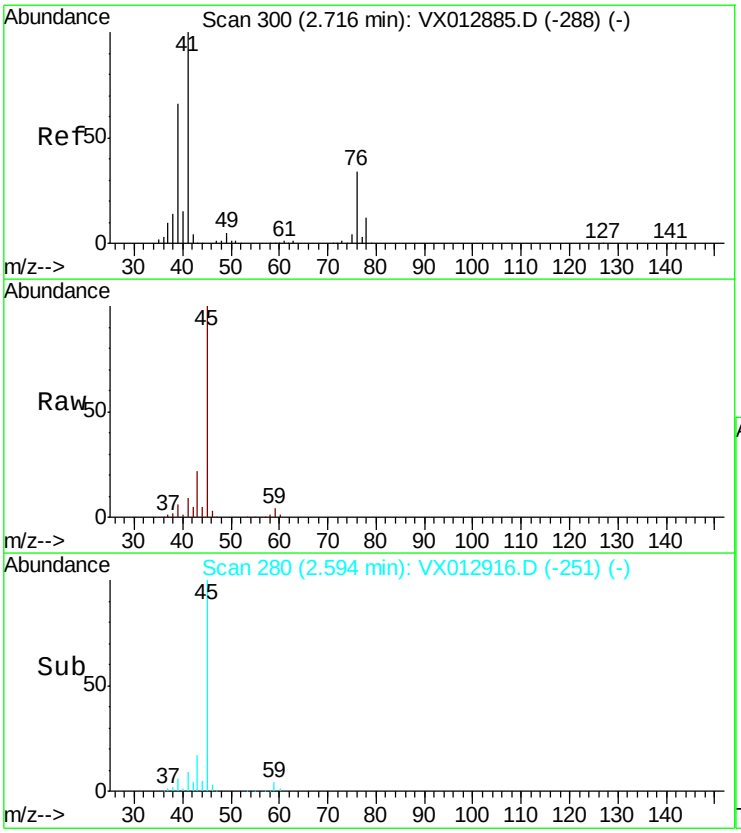
#11
Tert butyl alcohol
Concen: 2.915 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1816

Ion	Ratio	Lower	Upper
59	100		
57	3.5	8.3	12.5#

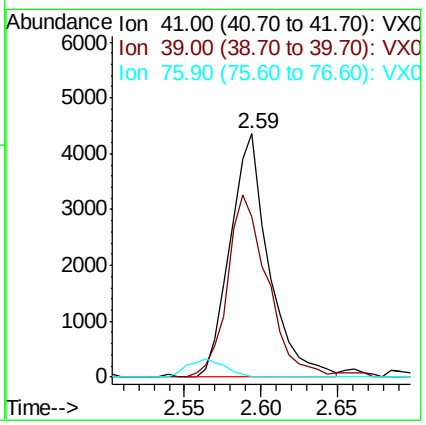


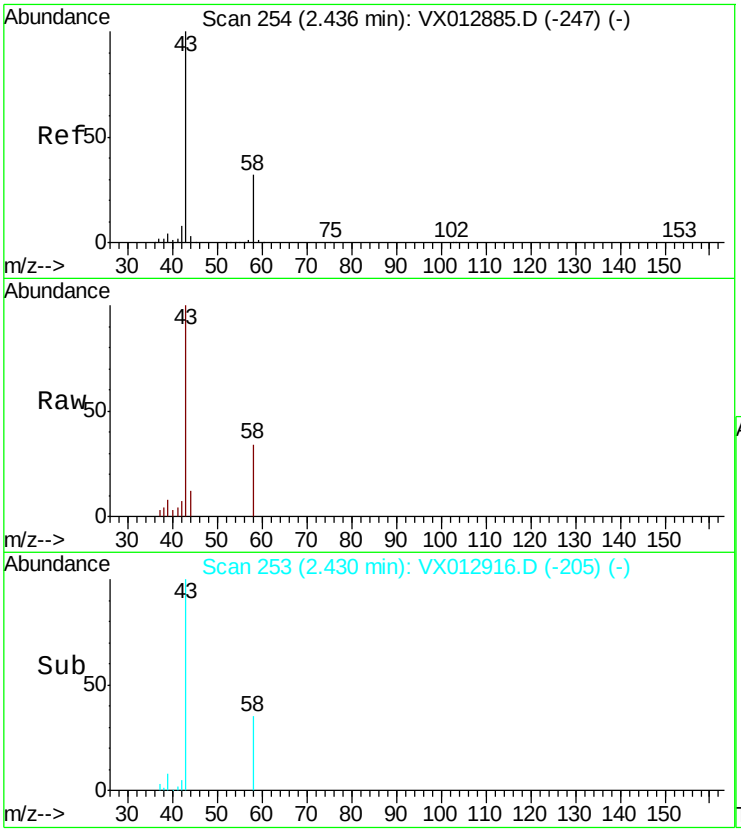


#14
Allyl chloride
Concen: 2.257 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.12 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion: 41 Resp: 7637

Ion	Ratio	Lower	Upper
41	100		
39	78.4	51.0	76.6#
76	0.0	26.2	39.4#



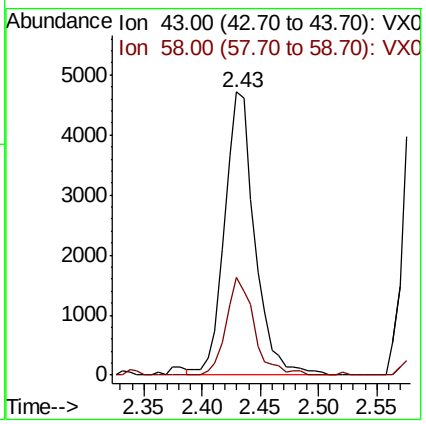


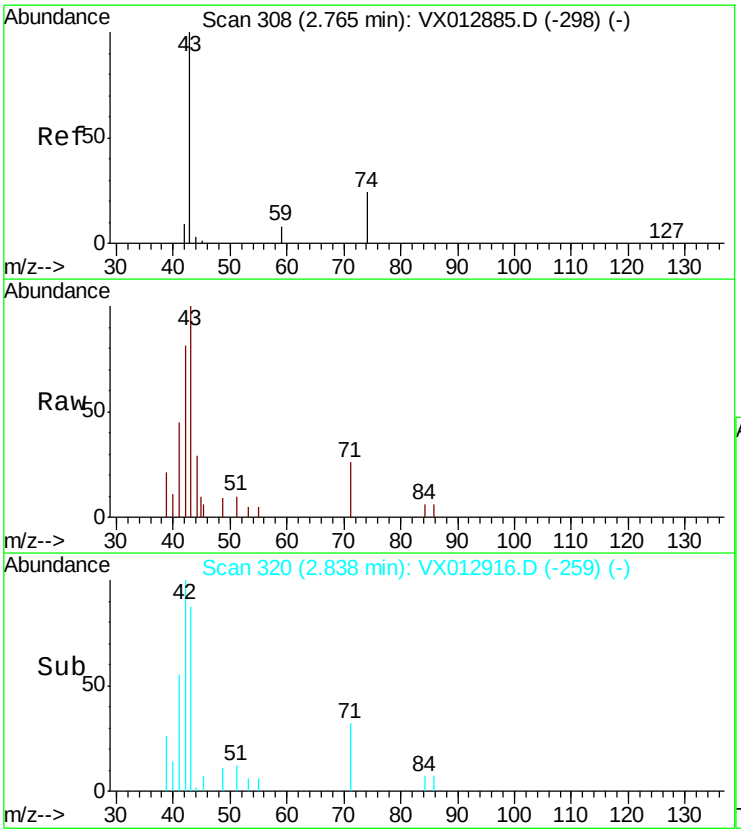
#16
Acetone
Concen: 6.902 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 8550

Ion	Ratio	Lower	Upper
43	100		
58	34.5	25.4	38.2

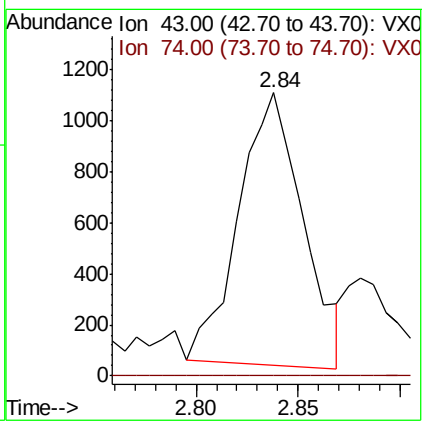


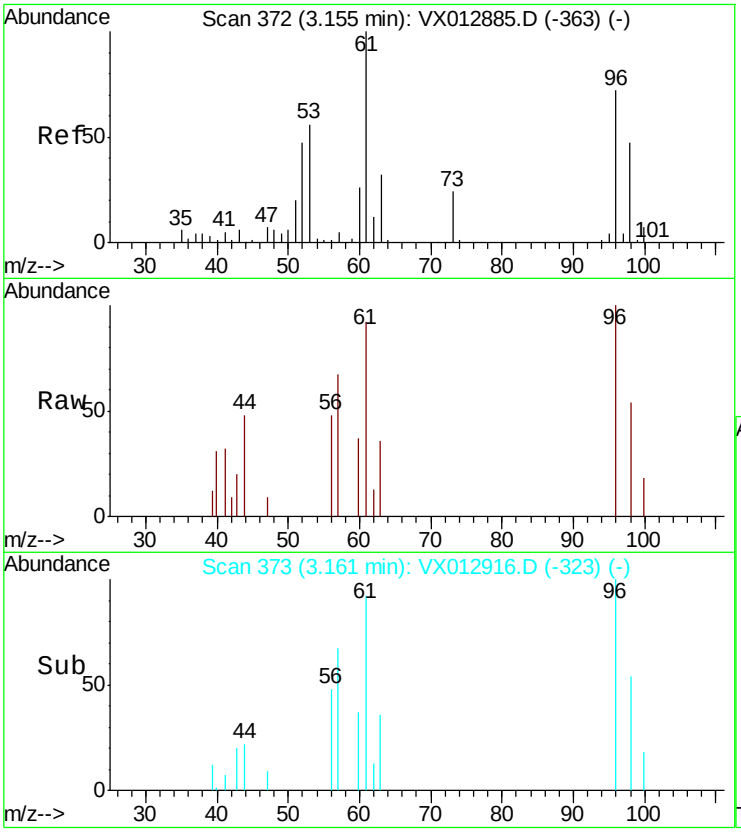


#18
Methyl Acetate
Concen: 0.797 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.07 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion: 43 Resp: 2340

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.2	28.8#



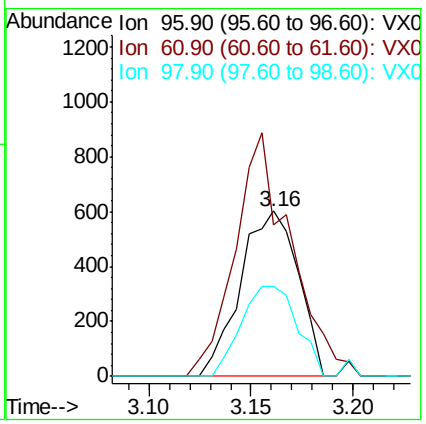


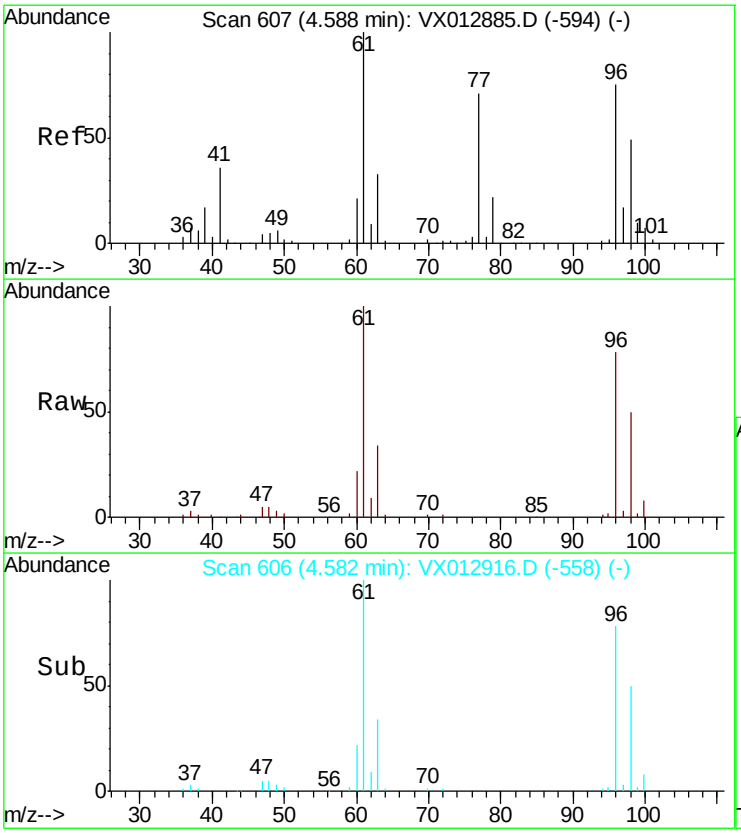
#21
trans-1,2-Dichloroethene
Concen: 0.583 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 1187

Ion	Ratio	Lower	Upper
96	100		
61	91.5	110.4	165.6#
98	54.2	51.5	77.3

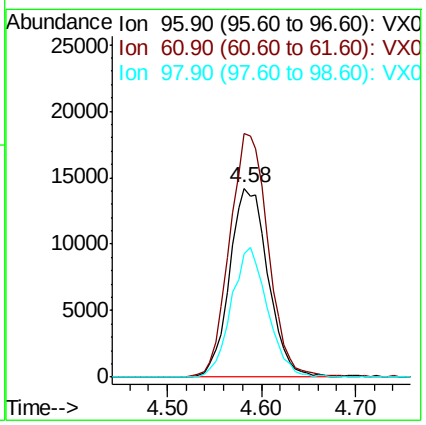


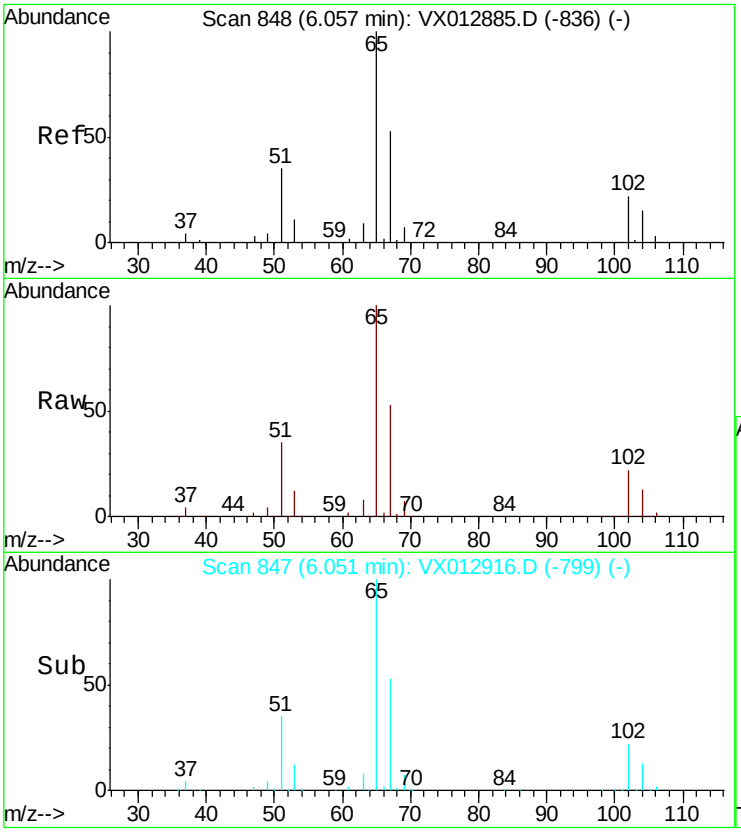


#27
cis-1,2-Dichloroethene
Concen: 17.127 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion: 96 Resp: 40207

Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	290.6
98	64.8	0.0	128.8



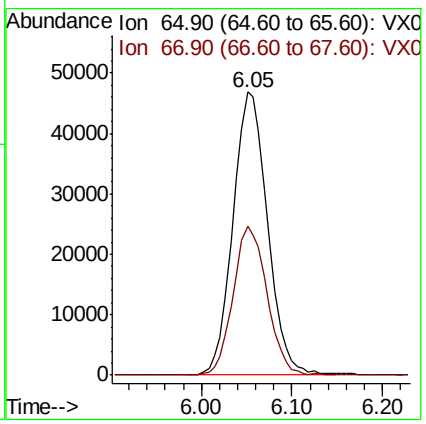


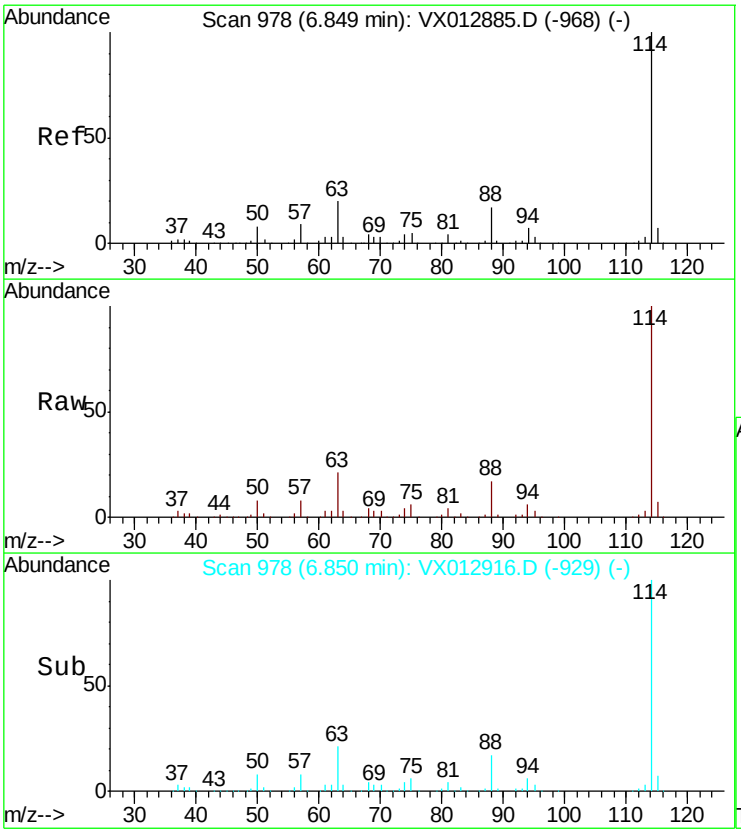
#33
1,2-Dichloroethane-d4
Concen: 52.555 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 123513

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.4

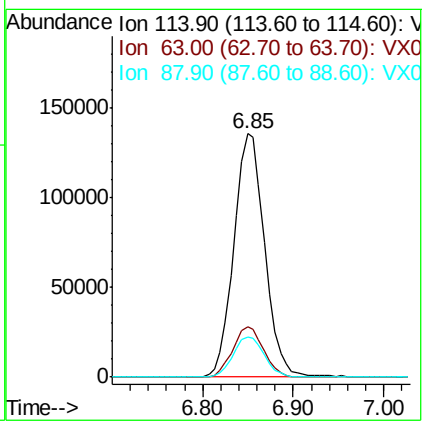


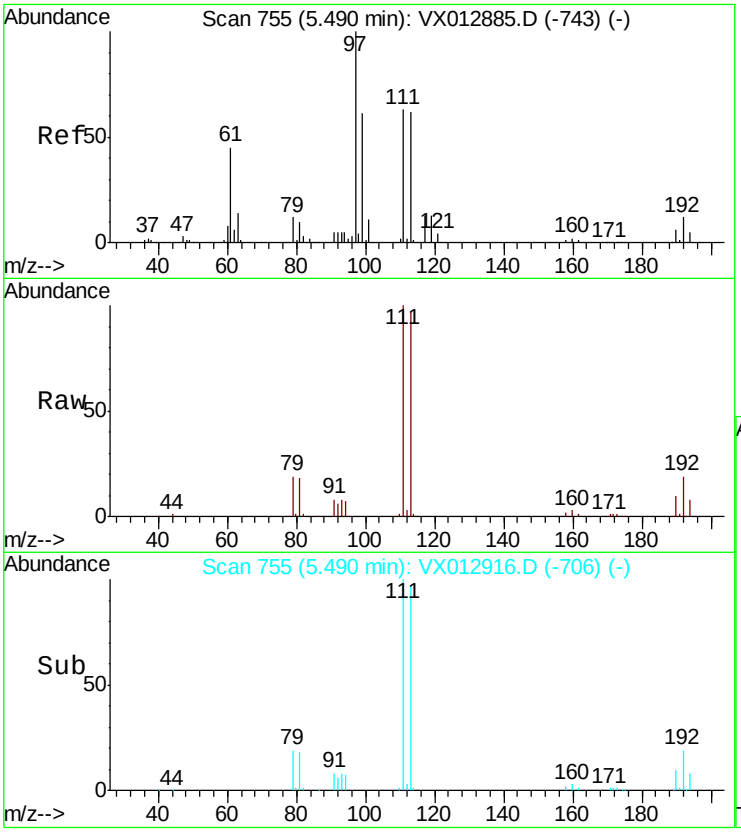


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion:114 Resp: 318354

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.7	0.0	33.8



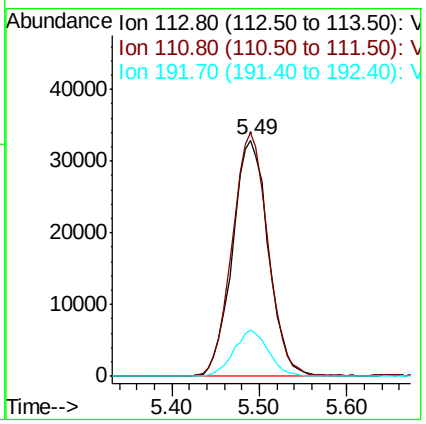


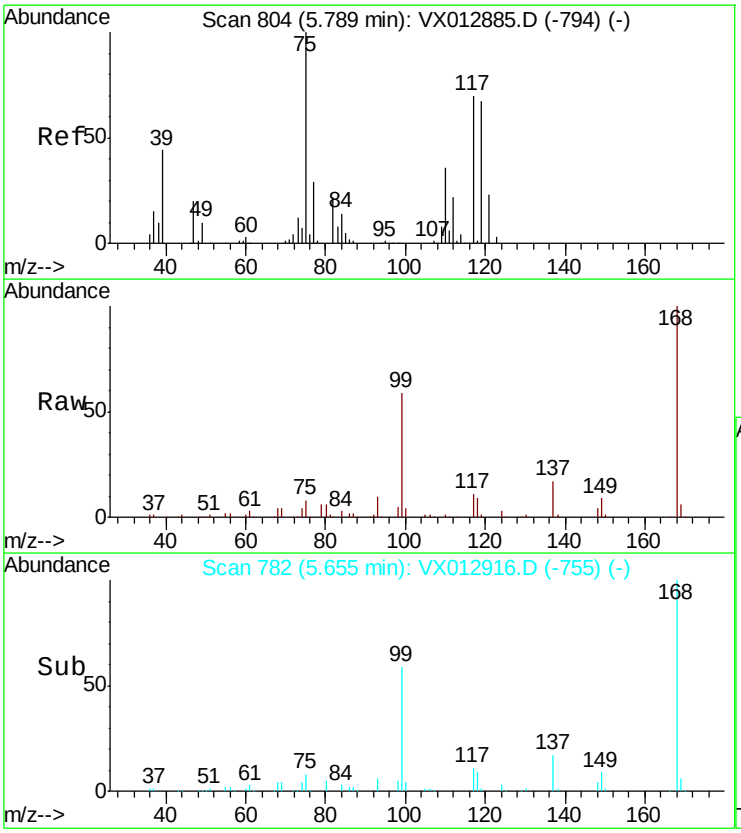
#35
Dibromofluoromethane
Concen: 51.546 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 94184

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.2	124.8
192	18.8	15.4	23.2

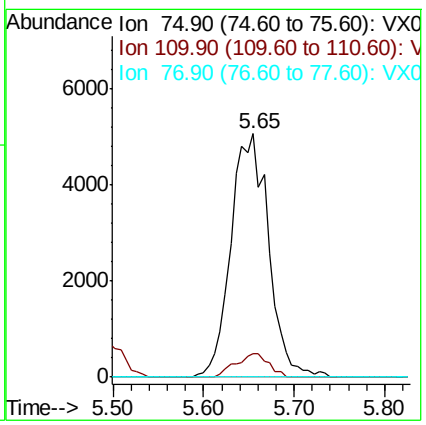


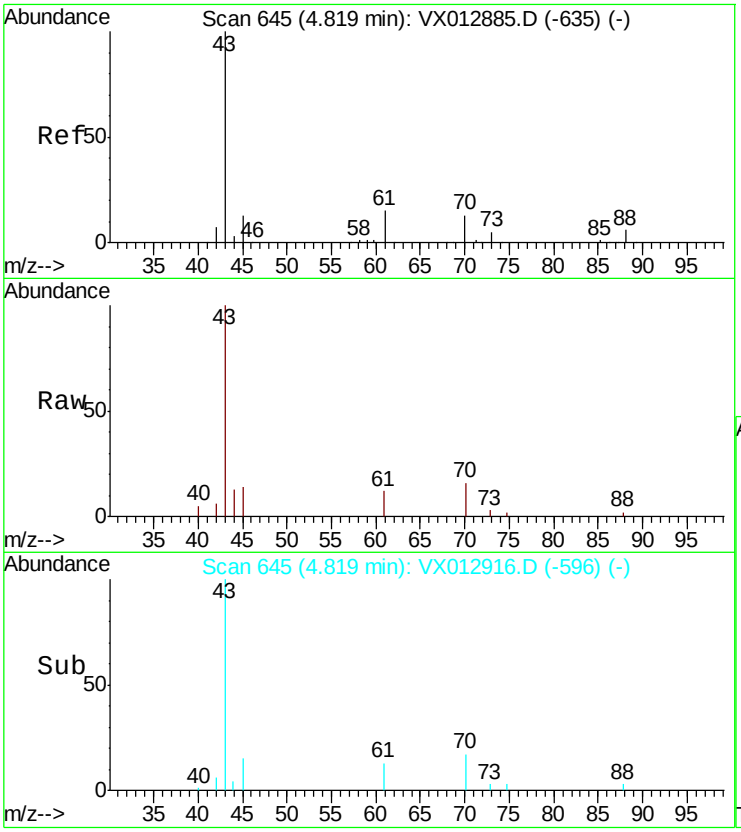


#36
1,1-Dichloropropene
Concen: 5.203 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion: 75 Resp: 14563

Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.6	52.9#
77	0.0	24.4	36.6#



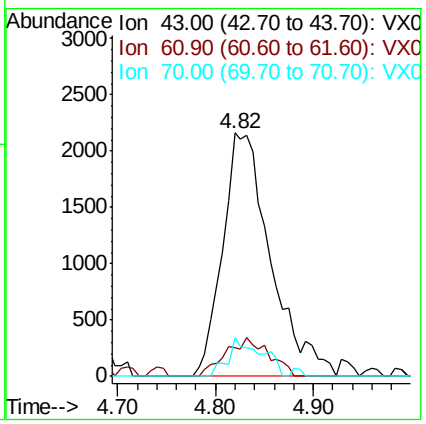


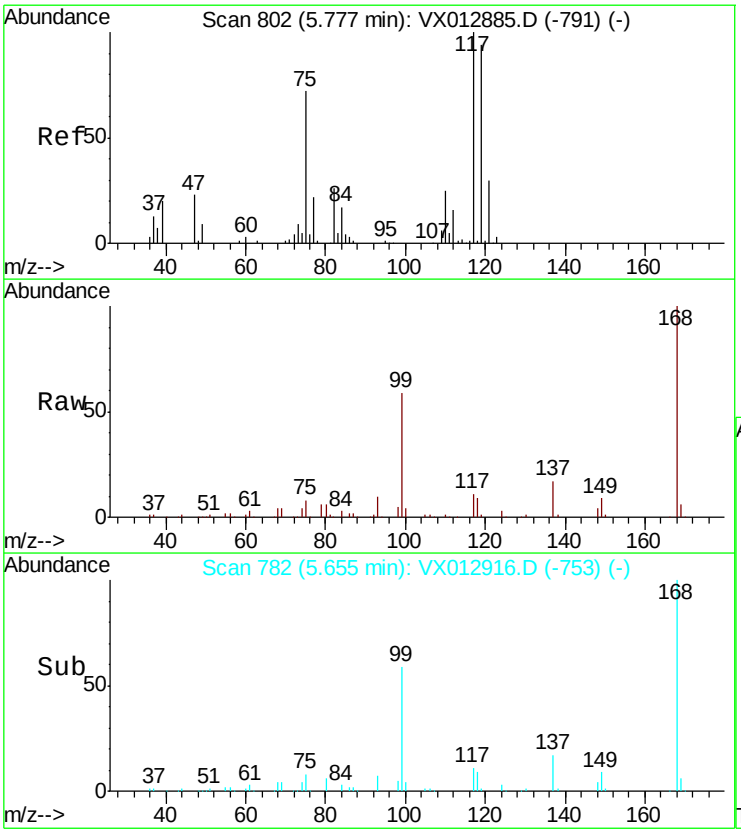
#37
Ethyl Acetate
Concen: 2.353 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 7364

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.4	17.0#
70	11.1	9.8	14.6

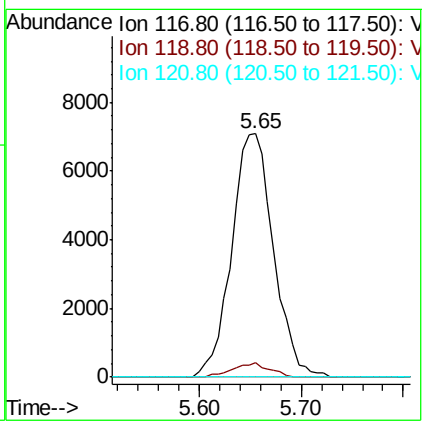


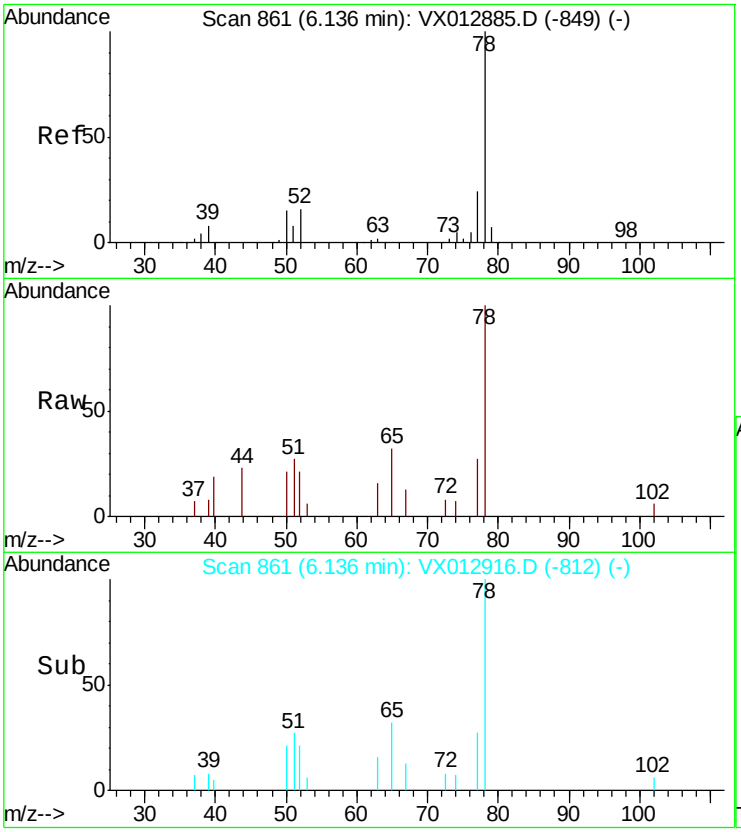


#38
Carbon Tetrachloride
Concen: 7.380 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion:117 Resp: 20106

Ion	Ratio	Lower	Upper
117	100		
119	5.7	74.5	111.7#
121	0.0	24.2	36.4#



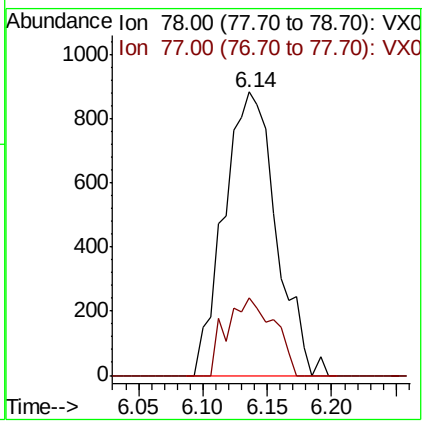


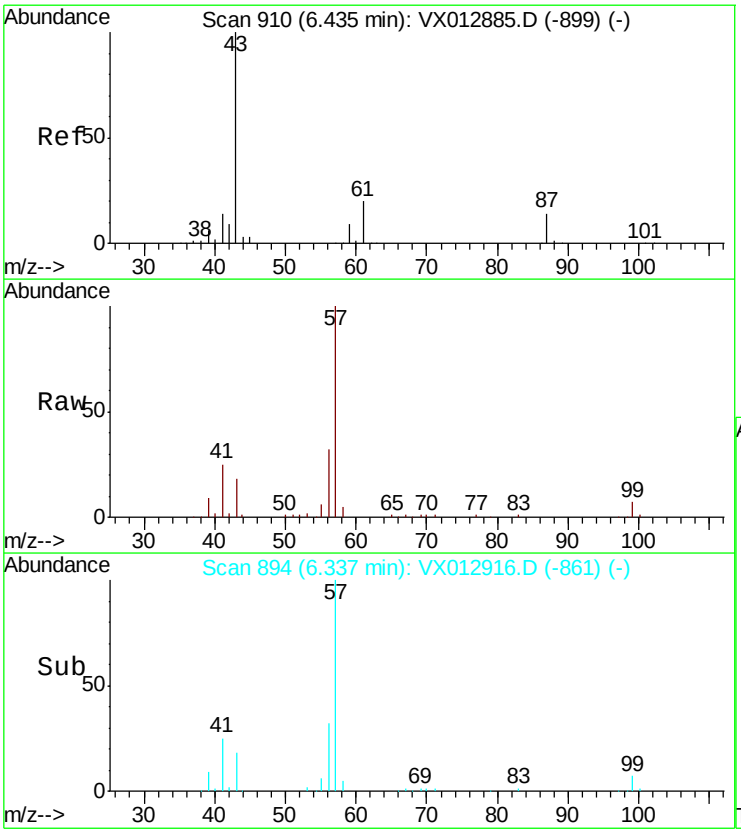
#40
Benzene
Concen: 0.300 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 78 Resp: 2483

Ion	Ratio	Lower	Upper
78	100		
77	27.2	19.0	28.4

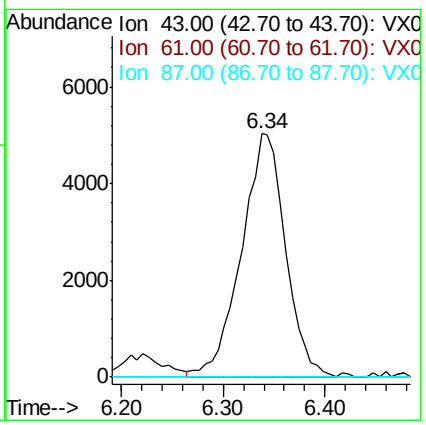


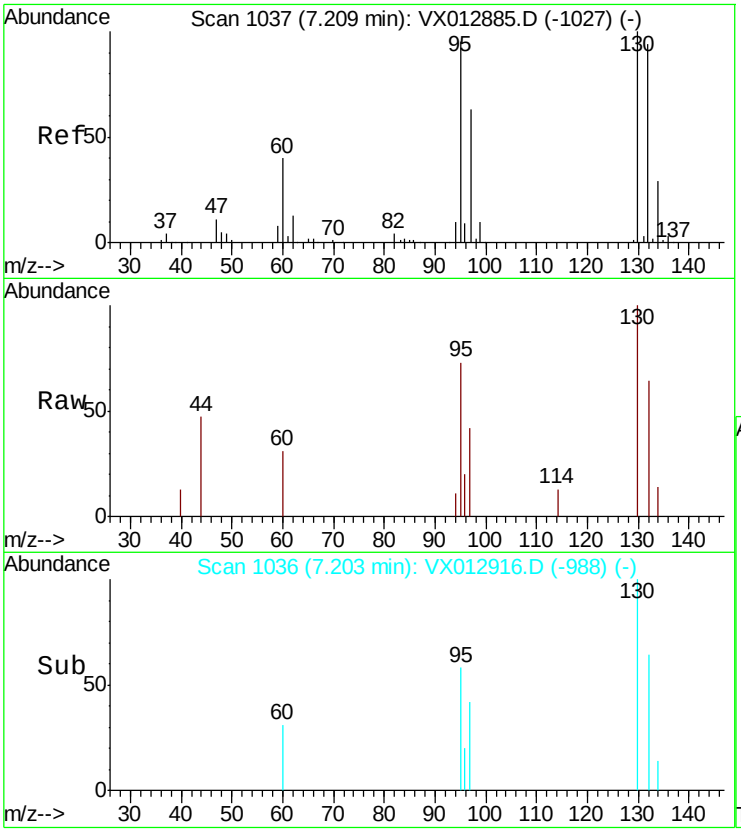


#43
Isopropyl Acetate
Concen: 3.007 ug/l
RT: 6.34 min Scan# 894
Delta R.T. -0.10 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion: 43 Resp: 15105

Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.6	24.8#
87	0.0	11.0	16.6#



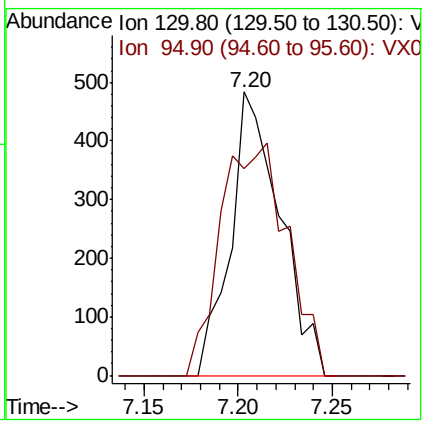


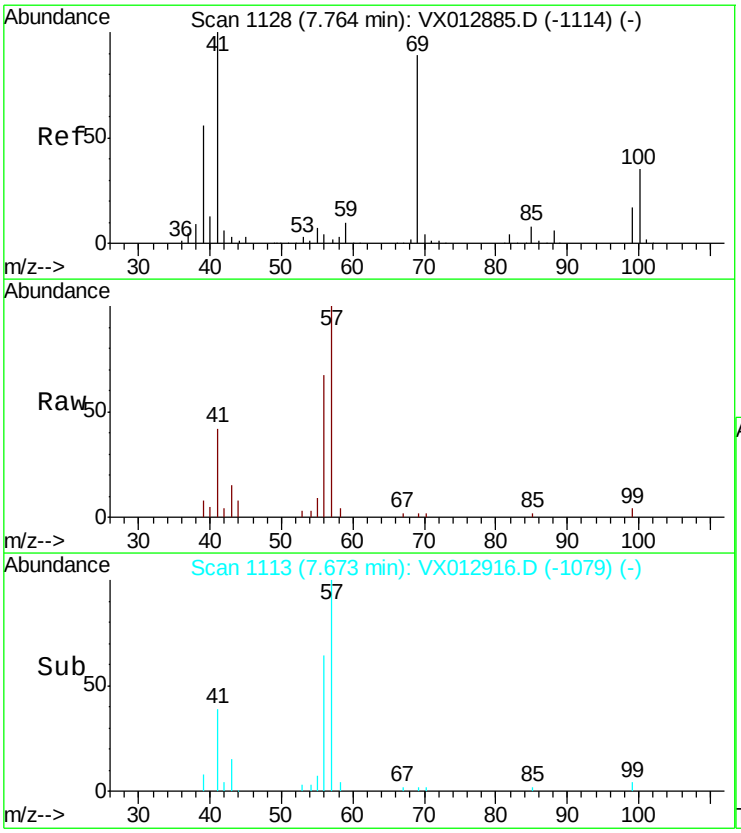
#44
Trichloroethene
Concen: 0.386 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 884

Ion	Ratio	Lower	Upper
130	100		
95	73.3	0.0	189.2

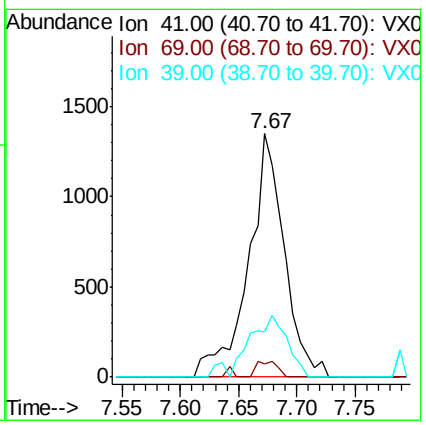


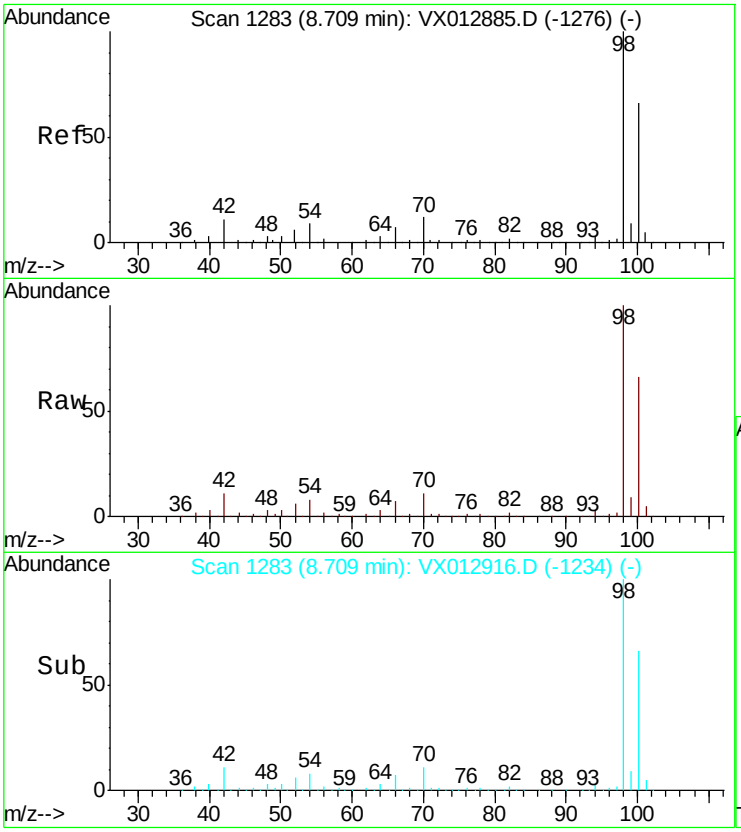


#48
Methyl methacrylate
Concen: 1.182 ug/l
RT: 7.67 min Scan# 1113
Delta R.T. -0.09 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion: 41 Resp: 2894

Ion	Ratio	Lower	Upper
41	100		
69	3.8	68.7	103.1#
39	26.0	44.3	66.5#



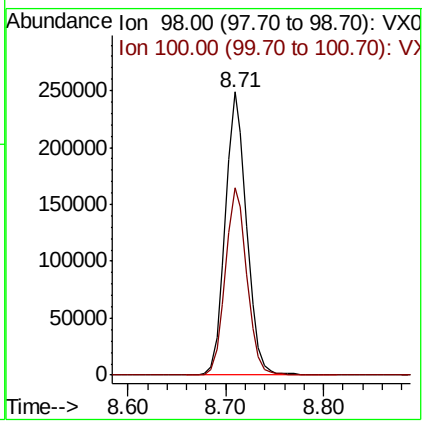


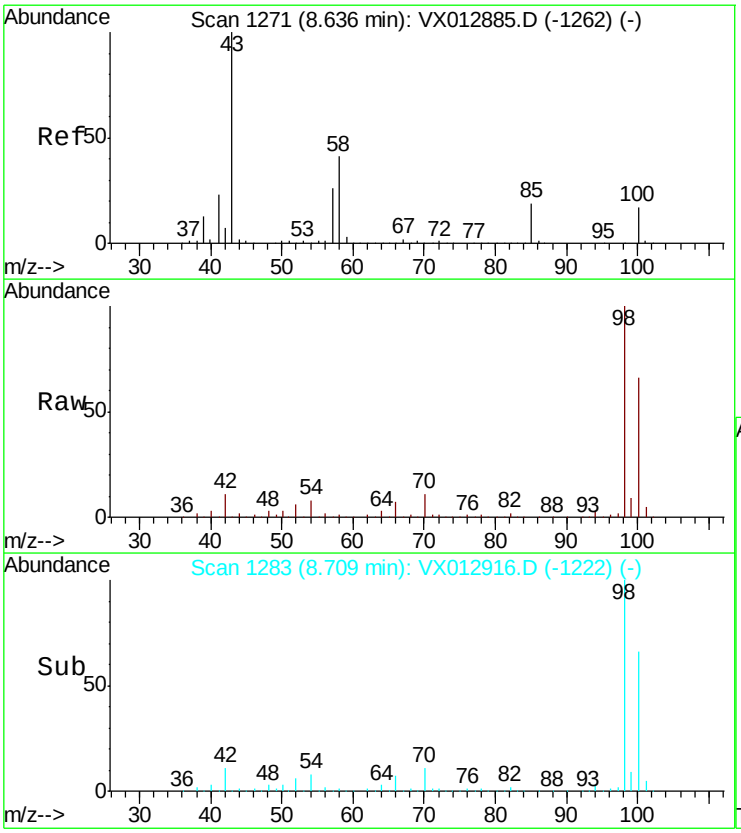
#50
Toluene-d8
Concen: 52.782 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 376151

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2

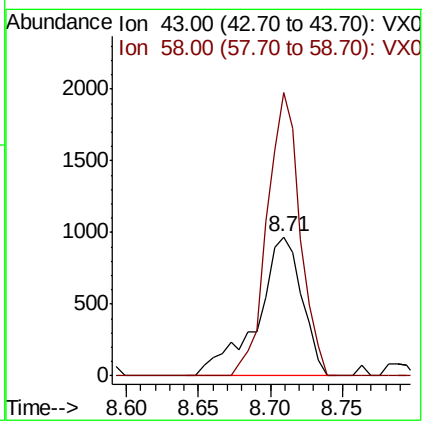


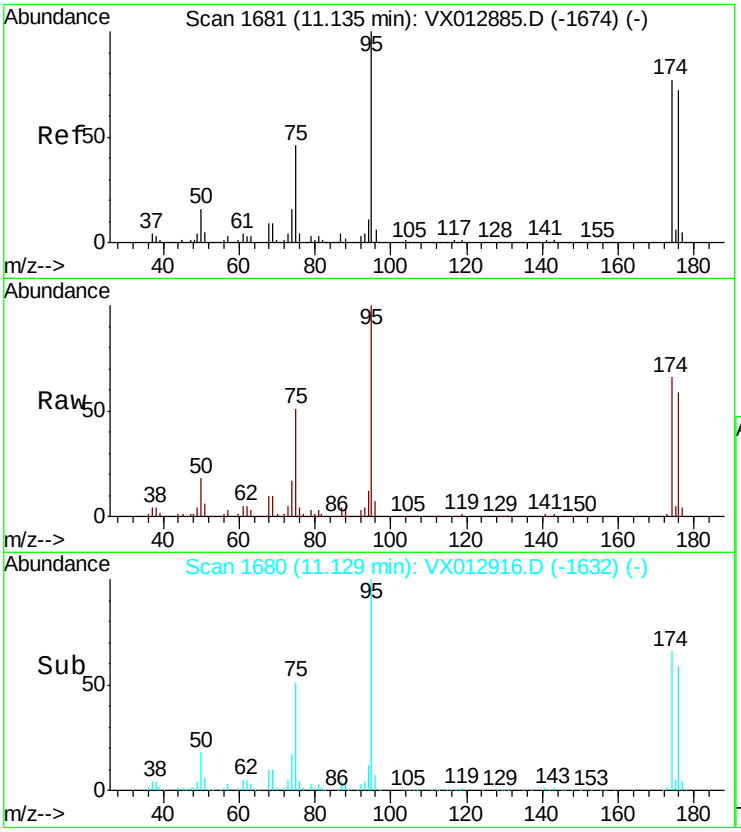


#51
4-Methyl-2-Pentanone
Concen: 0.667 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.07 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion: 43 Resp: 2088

Ion	Ratio	Lower	Upper
43	100		
58	150.3	32.4	48.6#



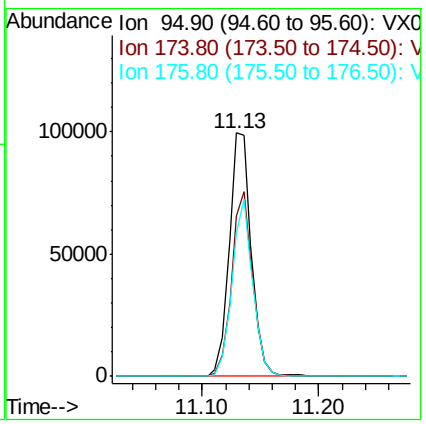


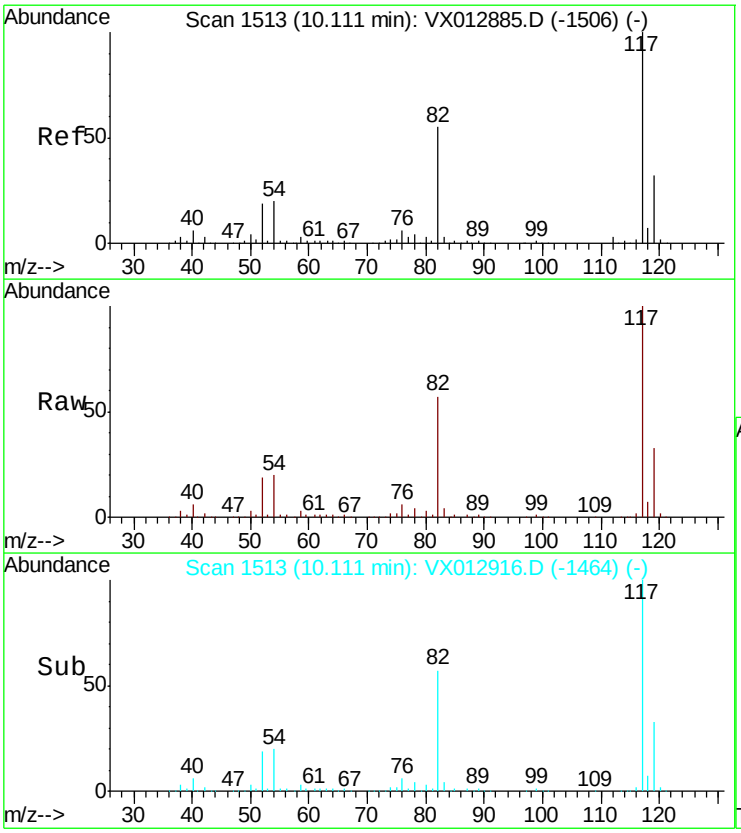
#62
4-Bromofluorobenzene
Concen: 47.413 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 131288

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	143.4
176	68.2	0.0	136.0

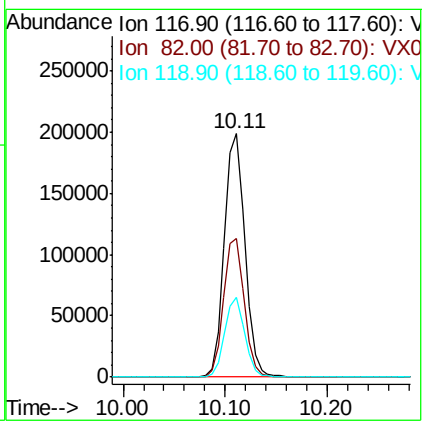


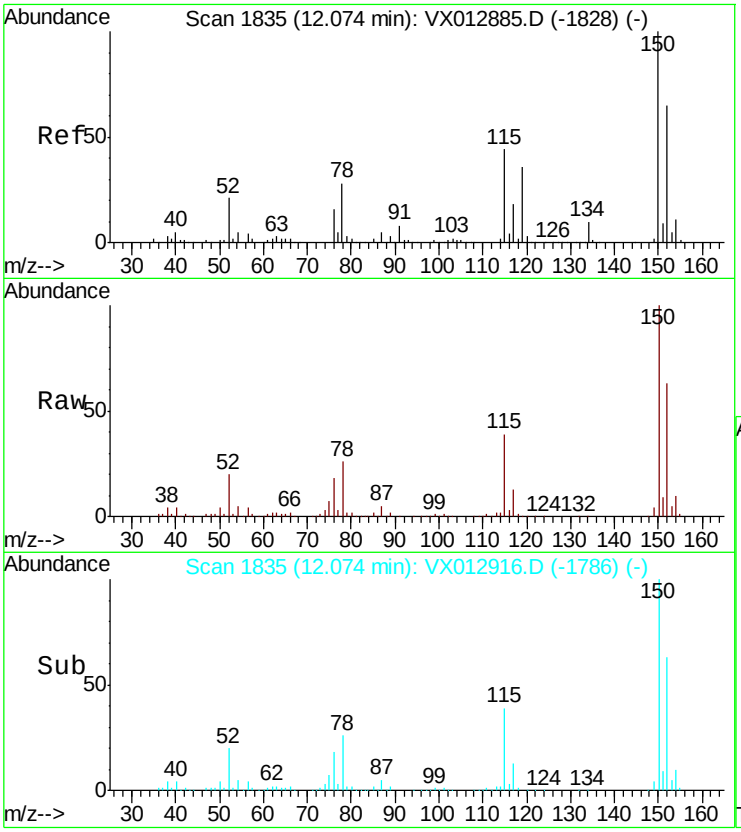


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion:117 Resp: 276797

Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.1	66.1
119	32.5	25.8	38.8



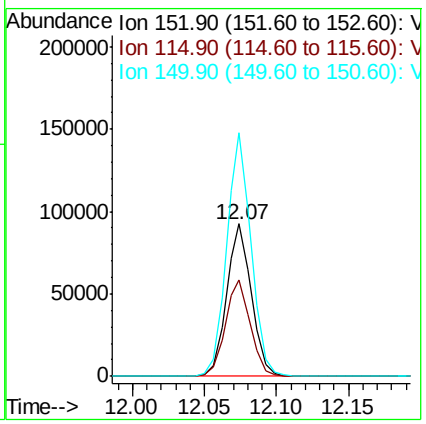


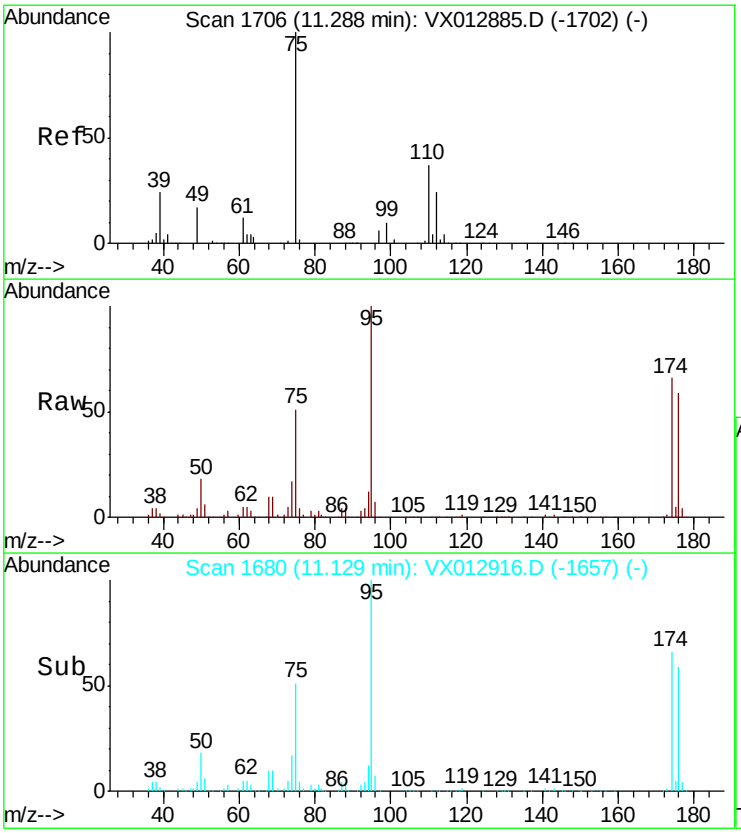
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 111416

Ion	Ratio	Lower	Upper
152	100		
115	63.7	44.5	133.5
150	157.5	0.0	353.4

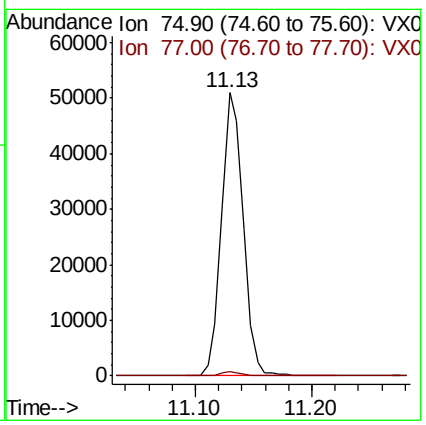


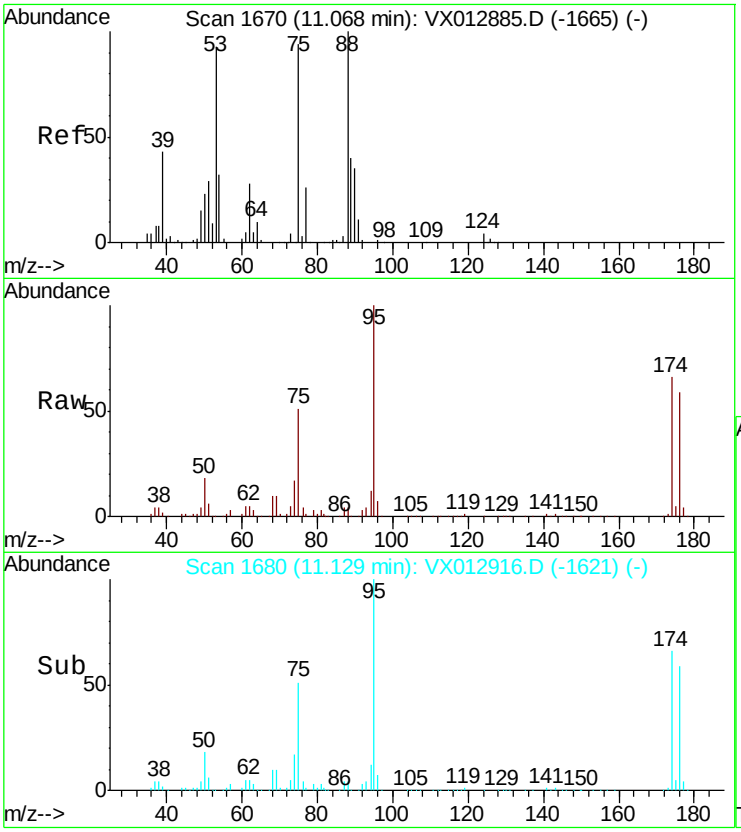


#76
1,2,3-Trichloropropane
Concen: 26.480 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion: 75 Resp: 65437

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.9	68.8#



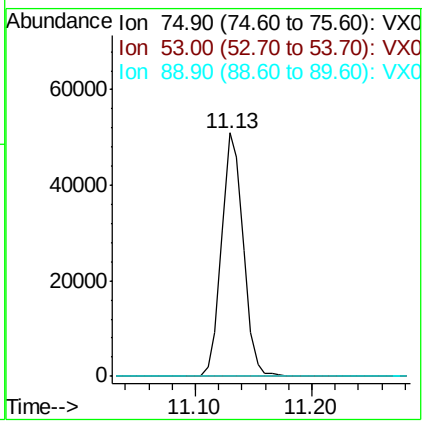


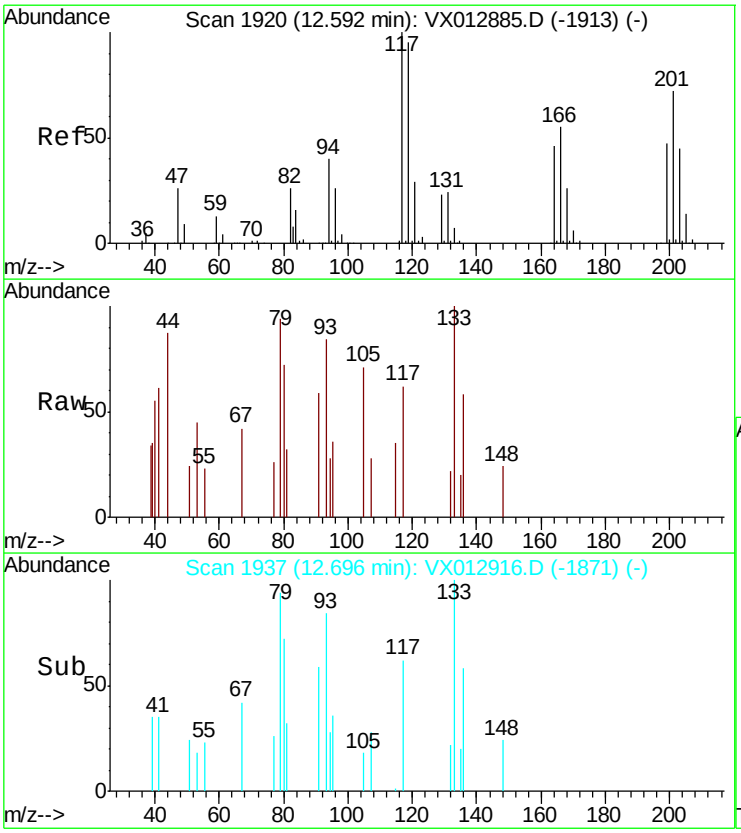
#81
trans-1,4-Dichloro-2-butene
Concen: 66.615 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 65437

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





#90
Hexachloroethane
Concen: 2.249 ug/l
RT: 12.70 min Scan# 1937
Delta R.T. 0.10 min
Lab File: VX012916.D
Acq: 09 Oct 2019 02:45

Tgt Ion:117 Resp: 181

Ion	Ratio	Lower	Upper
117	100		
201	0.0	36.9	110.7#