Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100318\
Data File : VX004930.D
Acq On : 02 Oct 2018 20:22
Operator : JC/MD
Sample : PB113364ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB113364ZHE#07

Quant Time: Oct 03 04:43:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340136	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161042	56.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.68%			
35) Dibromofluoromethane	5.51	113	133761	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.80%			
50) Toluene-d8	8.72	98	495434	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.40%			
62) 4-Bromofluorobenzene	11.14	95	177604	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.88%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	664	0.201	ug/l #	87
5) Bromomethane	1.65	94	382	0.207	ug/l #	80
6) Chloroethane	1.75	64	355	Below Cal	#	65
8) Diethyl Ether	2.19	74	533	0.319	ug/l	93
11) Tert butyl alcohol	3.03	59	6617	8.279	ug/l #	76
13) Acrolein	2.31	56	135	0.237	ug/l #	54
16) Acetone	2.45	43	19982	11.973	ug/l	92
18) Methyl Acetate	2.78	43	11796	2.790	ug/l	97
20) Methylene Chloride	2.85	84	5328	1.380	ug/l	94
25) 2-Butanone	4.71	43	5242	2.131	ug/l	96
29) Tetrahydrofuran	5.18	42	1966	1.286	ug/l #	76
31) Cyclohexane	5.66	56	4064	1.117	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14173	3.604	ug/l #	45
38) Carbon Tetrachloride	5.67	117	18181	4.398	ug/l #	19
43) Isopropyl Acetate	6.47	43	193331	25.656	ug/l	98
48) Methyl methacrylate	7.88	41	19694	5.758	ug/l #	43
51) 4-Methyl-2-Pentanone	8.65	43	1196	0.252	ug/l #	38
54) cis-1,3-Dichloropropene	8.62	75	1197	0.285	ug/l #	72
56) Ethyl methacrylate	9.38	69	140	2.890	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	59	14.264	ug/l #	49
59) 2-Hexanone	9.55	43	11933	3.018	ug/l #	54
70) Styrene	10.71	104	286	2.170	ug/l #	89
74) N-amyl acetate	10.92	43	75	1.759	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	88066	21.288	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	1203	Below Cal		95
81) trans-1,4-Dichloro-2-buten	11.14	75	88066	57.739	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	512	Below Cal	#	65
95) Naphthalene	13.83	128	811	0.772	ug/l #	90

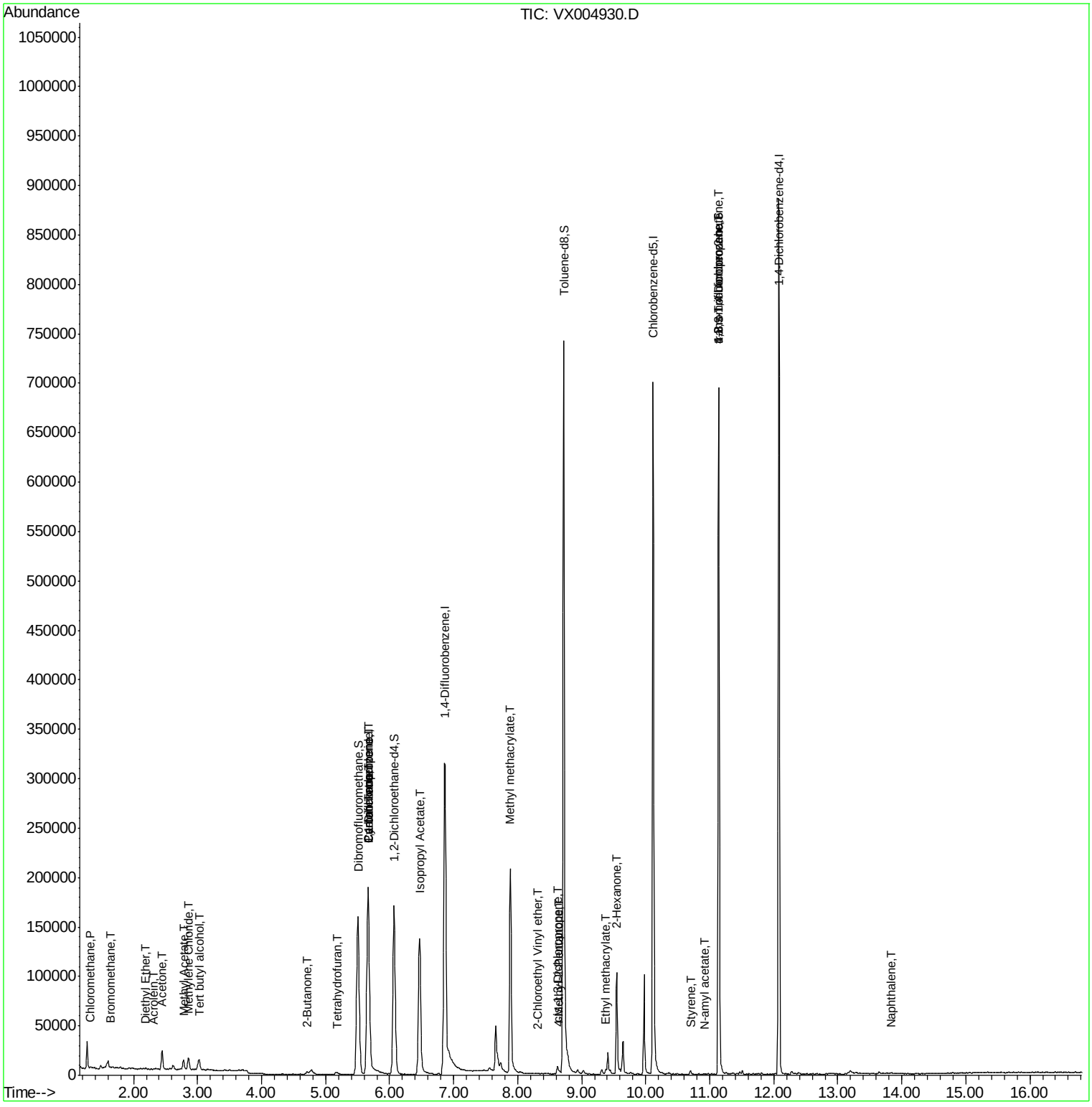
(#) = qualifier out of range (m) = manual integration (+) = signals summed

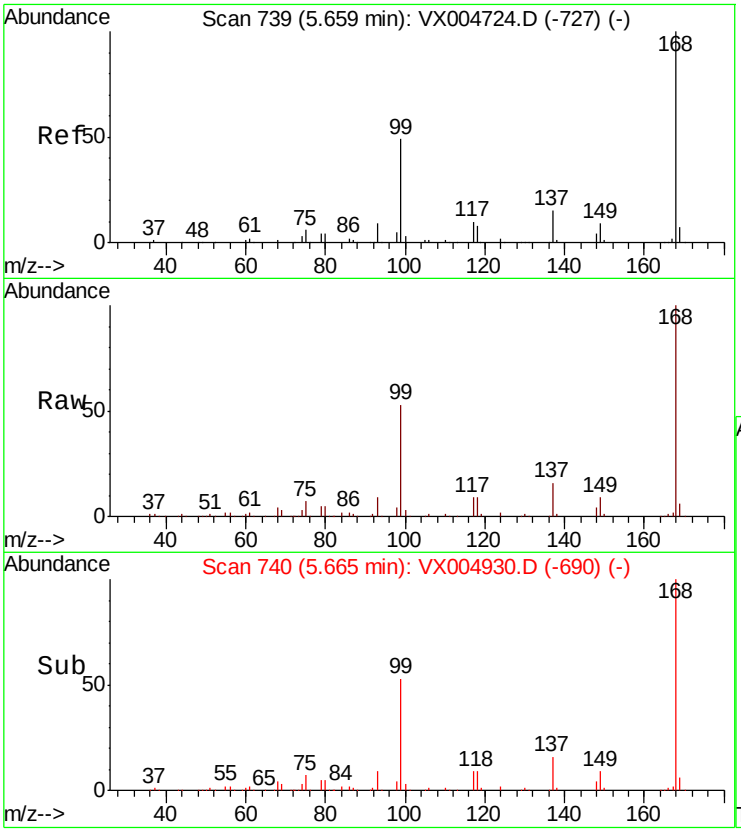
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100318\
Data File : VX004930.D
Acq On : 02 Oct 2018 20:22
Operator : JC/MD
Sample : PB113364ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

Quant Time: Oct 03 04:43:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



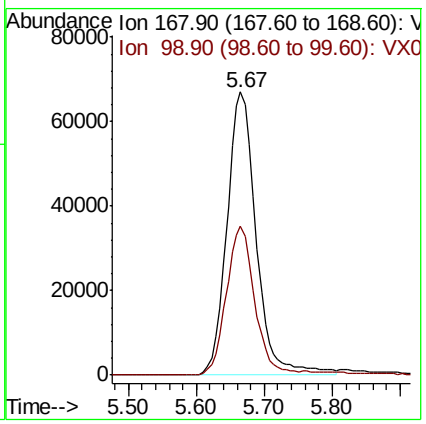


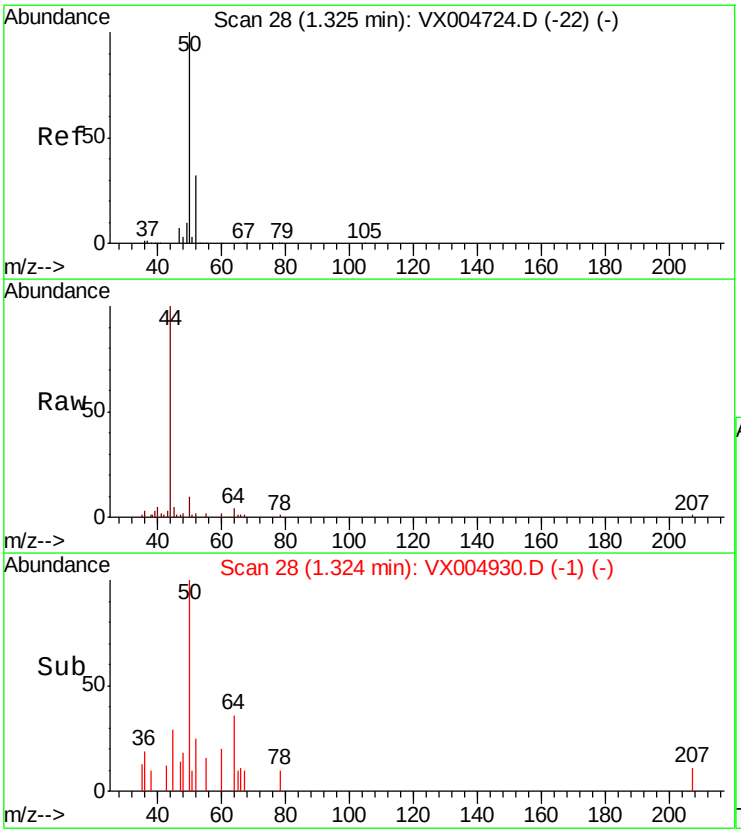
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

Tgt Ion:168 Resp: 200112

Ion	Ratio	Lower	Upper
168	100		
99	52.5	39.3	58.9

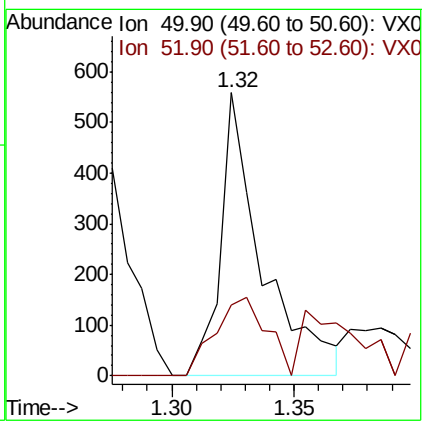


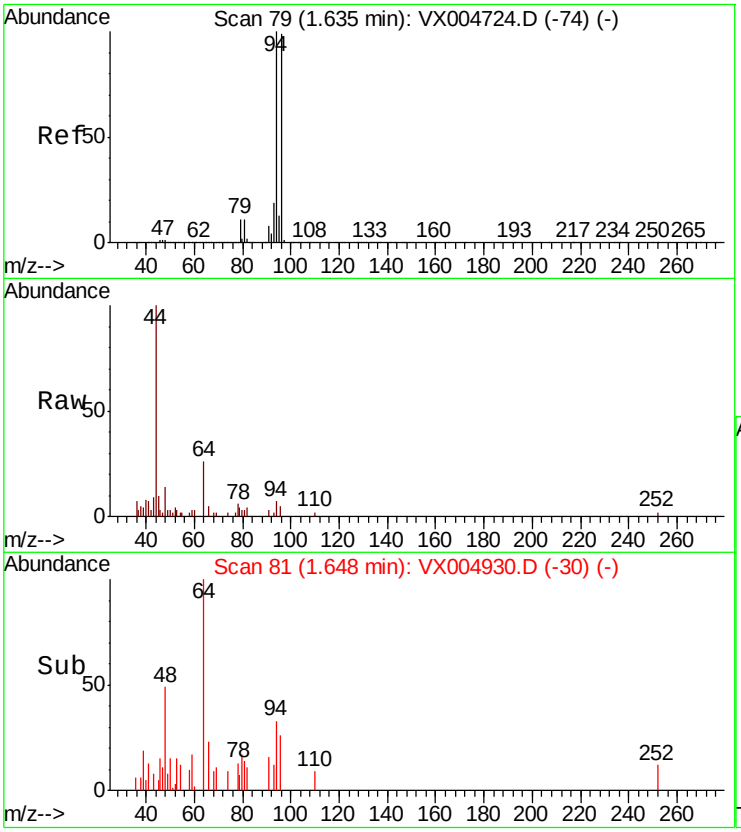


#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 50 Resp: 664

Ion	Ratio	Lower	Upper
50	100		
52	24.9	25.8	38.6#



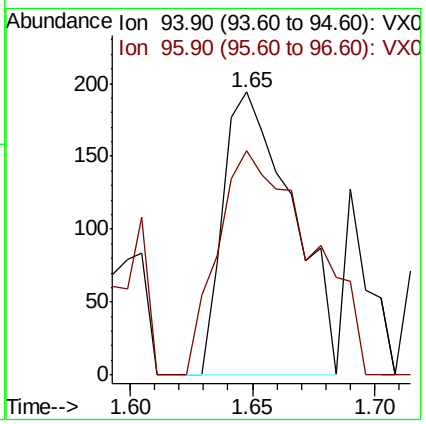


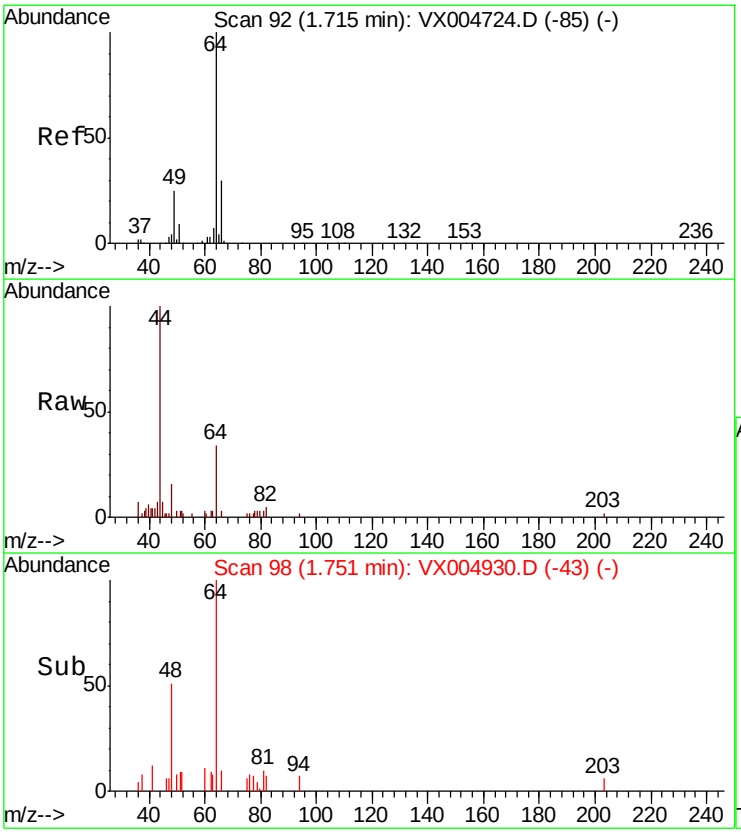
#5
Bromomethane
Concen: 0.207 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

Tgt Ion: 94 Resp: 382

Ion	Ratio	Lower	Upper
94	100		
96	79.4	79.5	119.3#

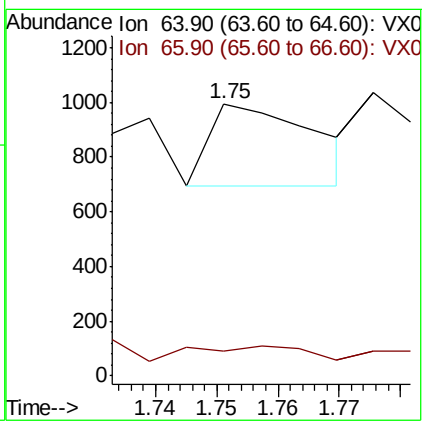


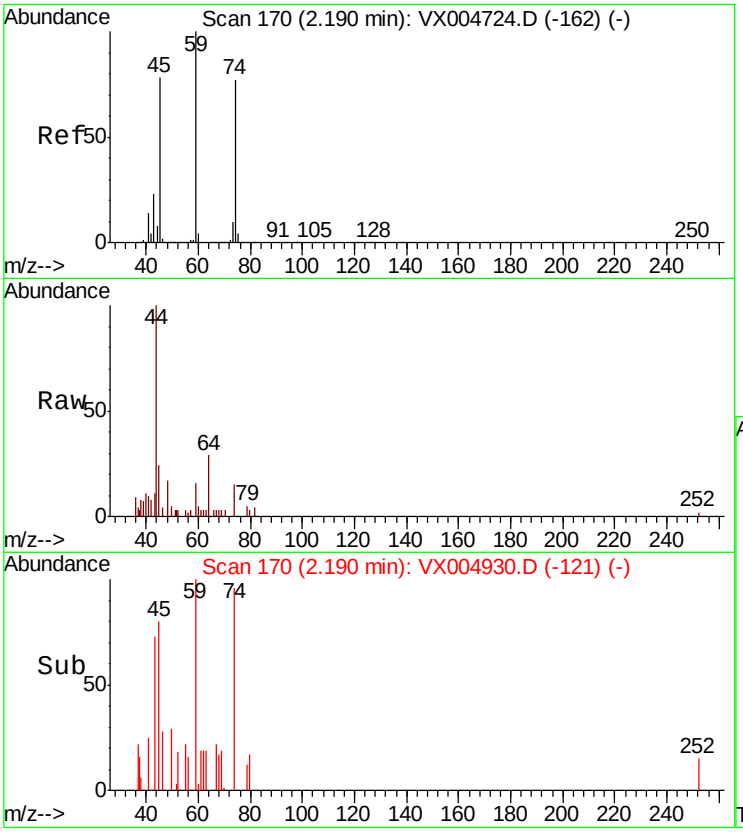


#6
Chloroethane
Concen: Below Cal
RT: 1.75 min Scan# 98
Delta R.T. 0.04 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 64 Resp: 355

Ion	Ratio	Lower	Upper
64	100		
66	10.6	23.8	35.6#



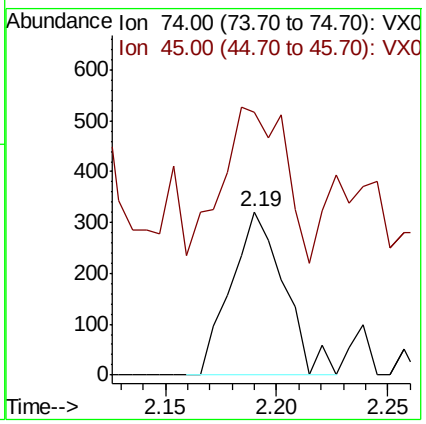


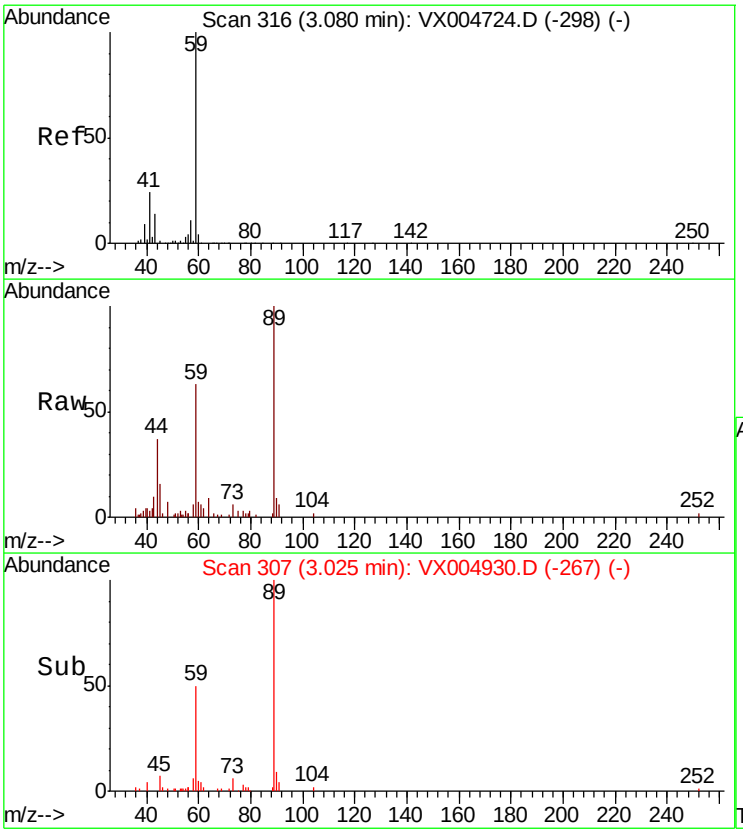
#8
Diethyl Ether
Concen: 0.319 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

Tgt Ion: 74 Resp: 533

Ion	Ratio	Lower	Upper
74	100		
45	112.4	52.5	157.6

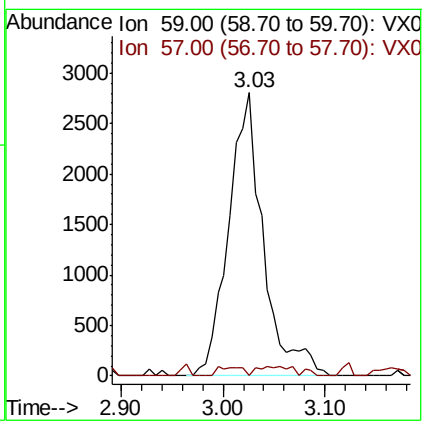


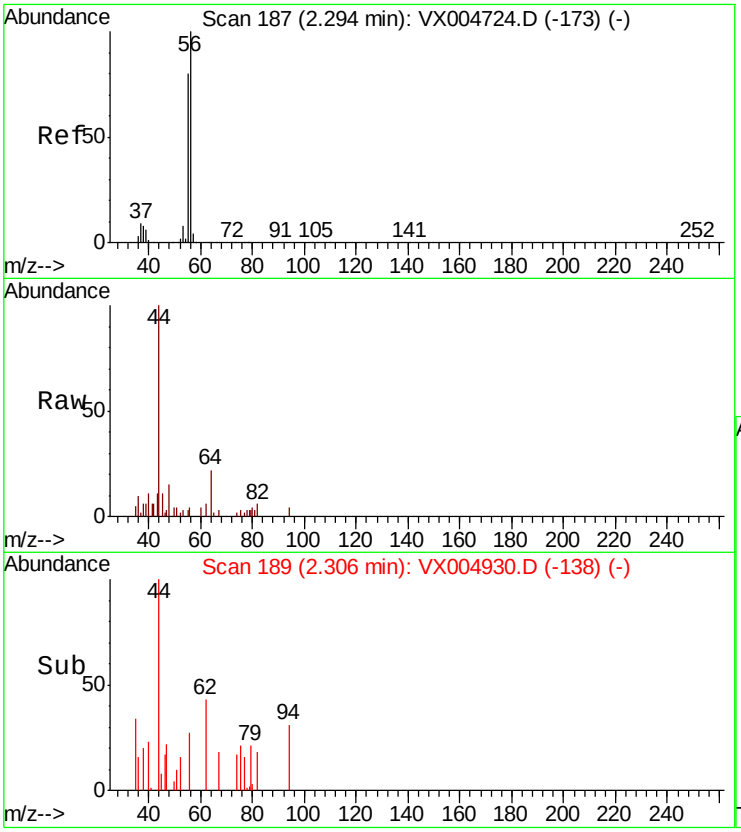


#11
Tert butyl alcohol
Concen: 8.279 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 59 Resp: 6617

Ion	Ratio	Lower	Upper
59	100		
57	1.8	8.6	12.8#



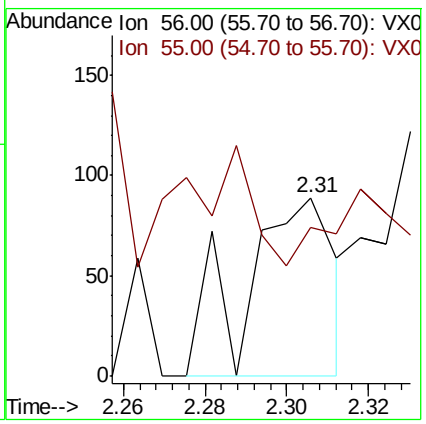


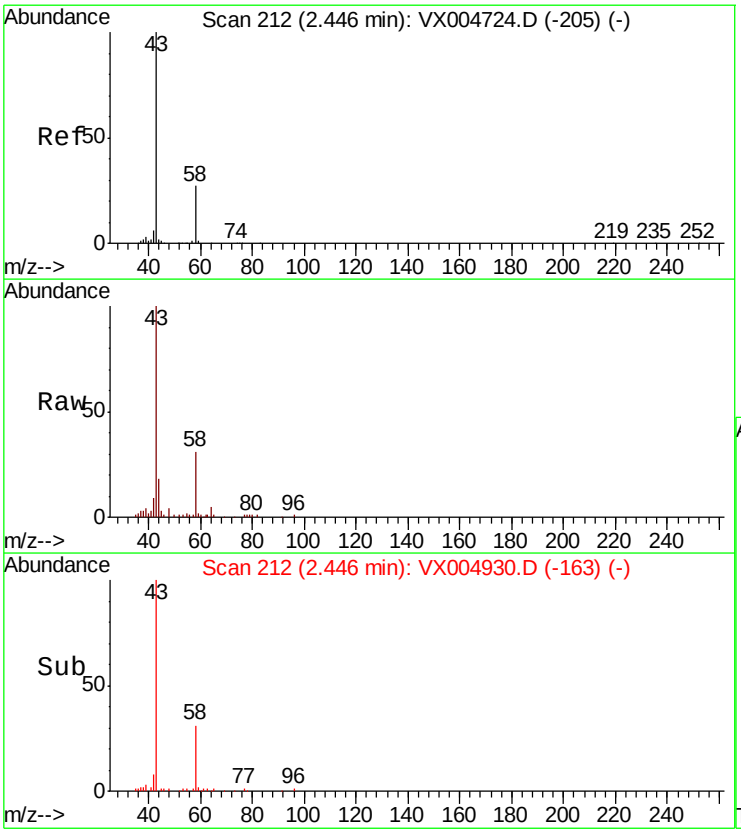
#13
Acrolein
Concen: 0.237 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

Tgt Ion: 56 Resp: 135

Ion	Ratio	Lower	Upper
56	100		
55	39.3	63.4	95.2#

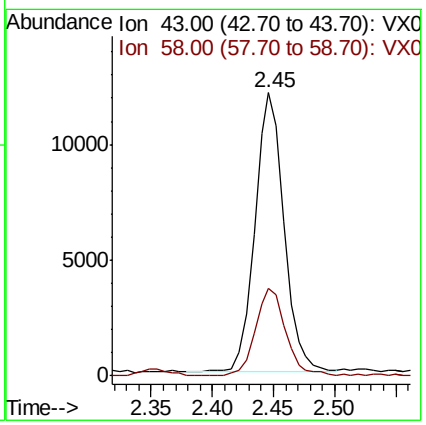


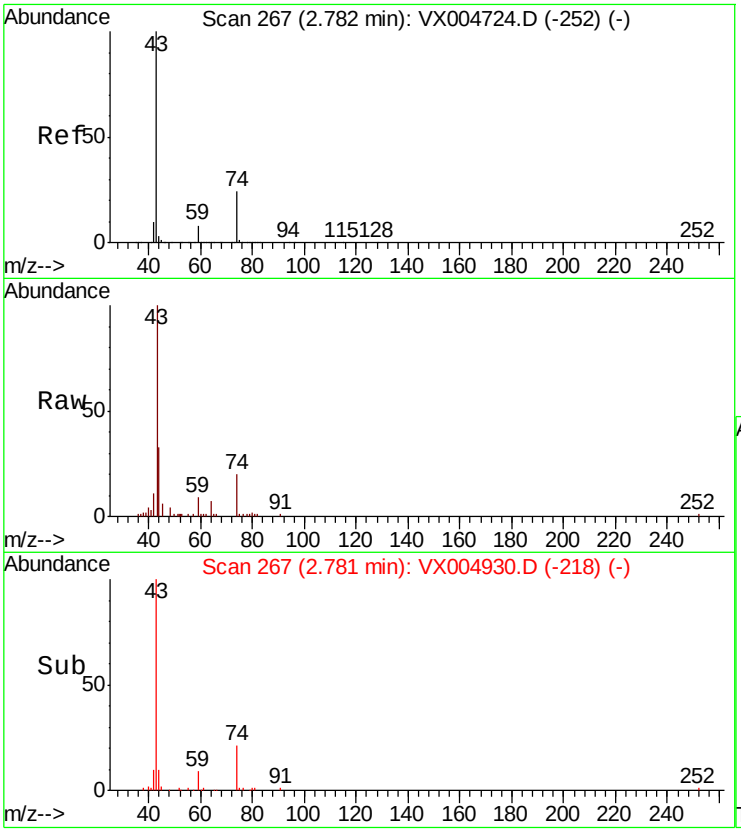


#16
Acetone
Concen: 11.973 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 43 Resp: 19982

Ion	Ratio	Lower	Upper
43	100		
58	31.3	21.8	32.6



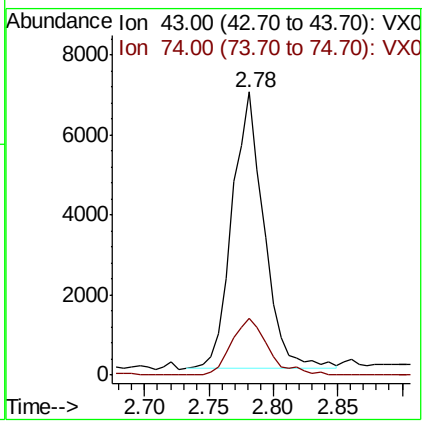


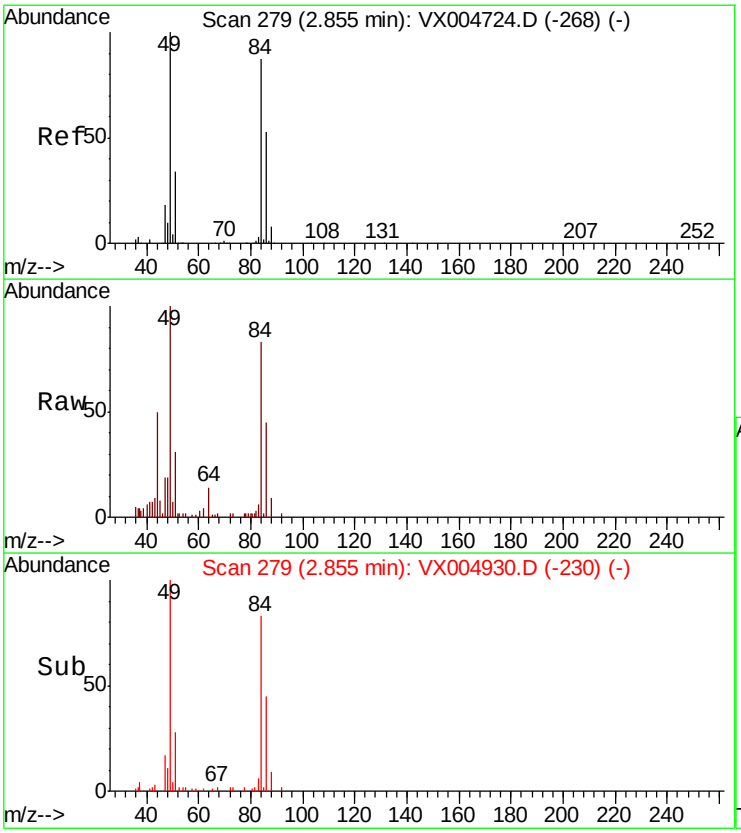
#18
Methyl Acetate
Concen: 2.790 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument : MSVOA_X
ClientSampleId : PB113364ZHE#07

Tgt Ion: 43 Resp: 11796

Ion	Ratio	Lower	Upper
43	100		
74	23.7	17.8	26.8

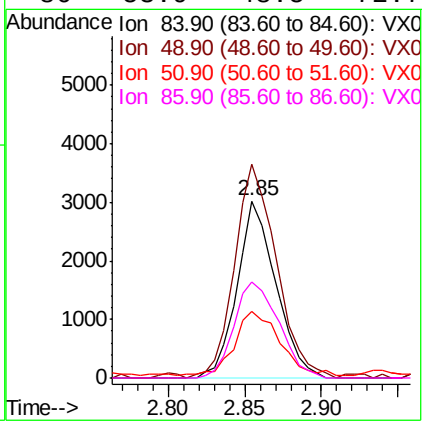


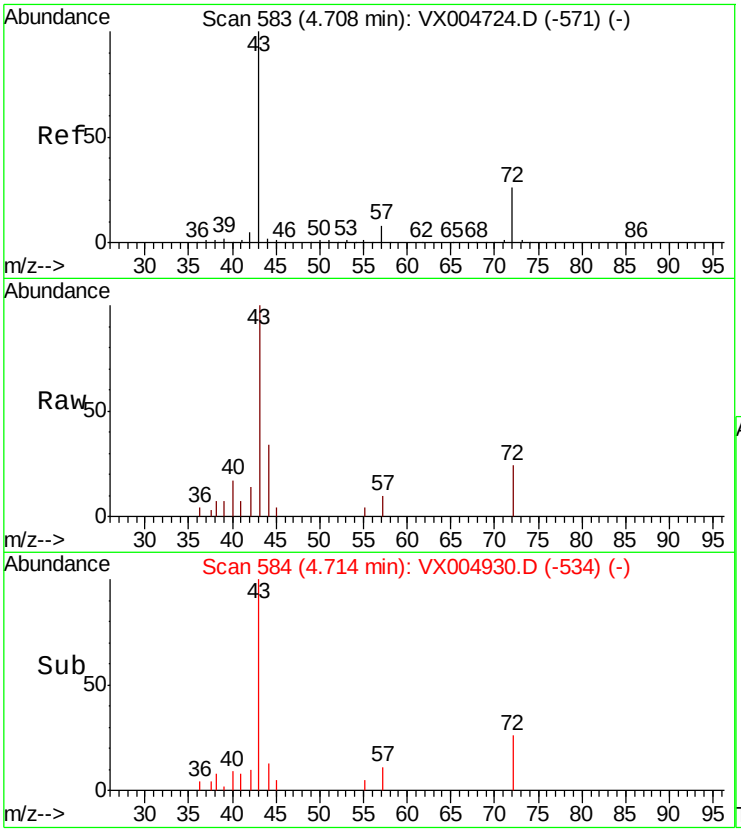


#20
Methylene Chloride
Concen: 1.380 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 84 Resp: 5328

Ion	Ratio	Lower	Upper
84	100		
49	120.7	92.3	138.5
51	36.3	31.8	47.6
86	53.9	48.5	72.7



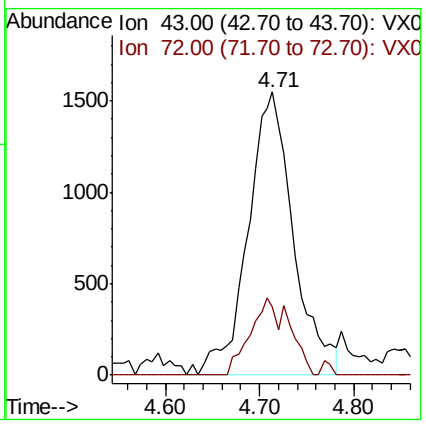


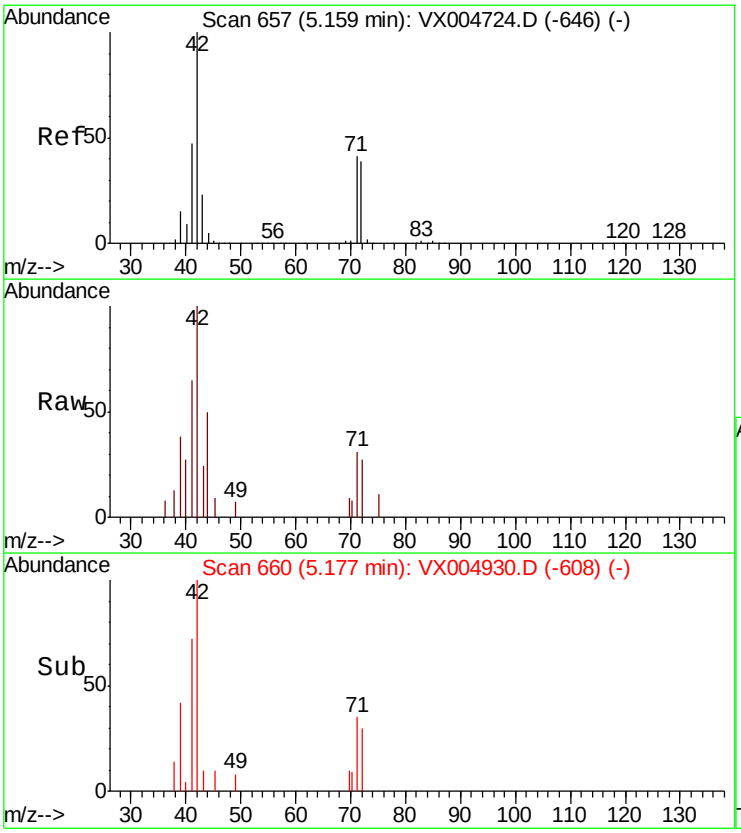
#25
2-Butanone
Concen: 2.131 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

Tgt Ion: 43 Resp: 5242

Ion	Ratio	Lower	Upper
43	100		
72	24.2	20.8	31.2

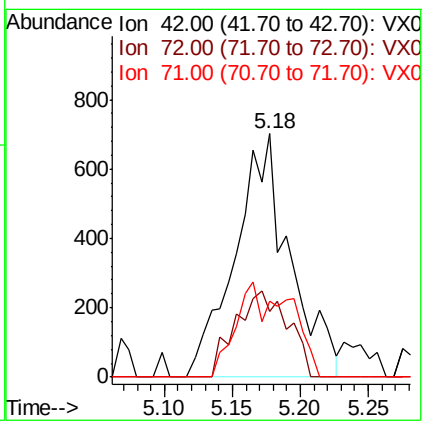


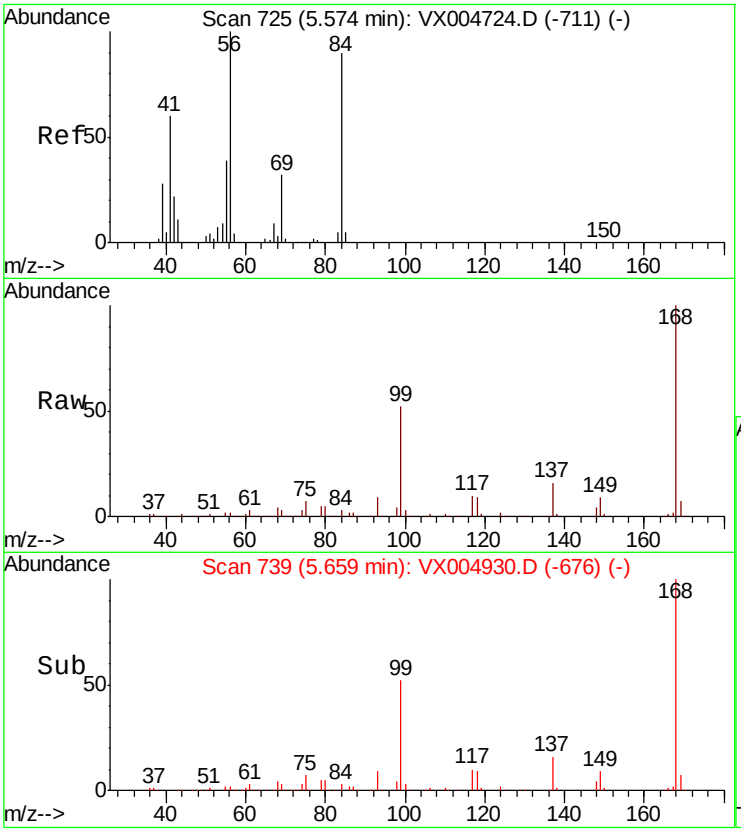


#29
Tetrahydrofuran
Concen: 1.286 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 42 Resp: 1966

Ion	Ratio	Lower	Upper
42	100		
72	34.0	33.7	50.5
71	18.3	32.2	48.4#



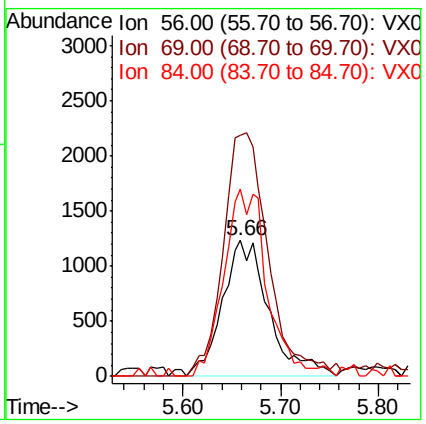


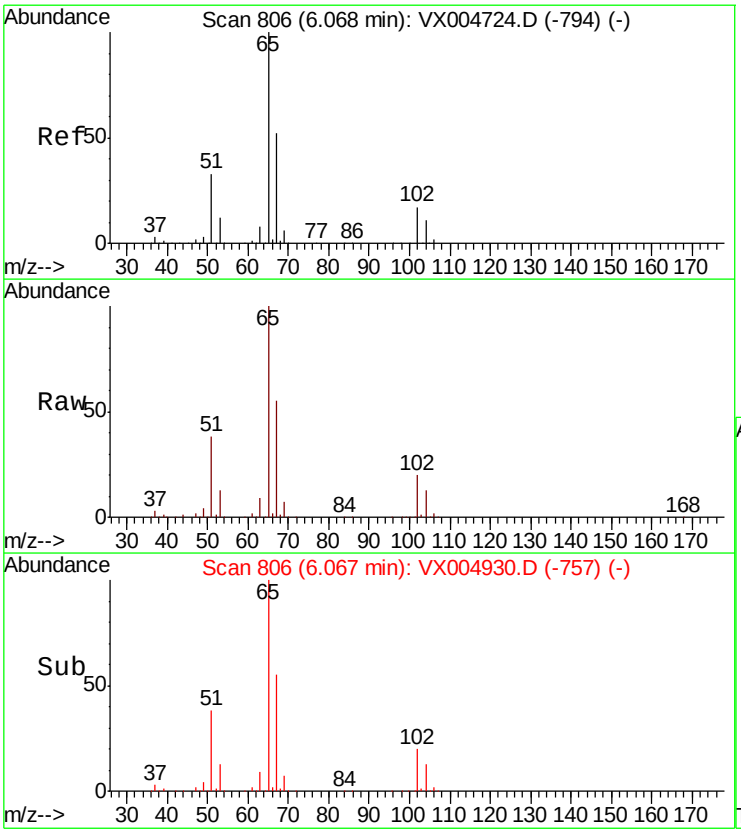
#31
Cyclohexane
Concen: 1.117 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument : MSVOA_X
ClientSampleId : PB113364ZHE#07

Tgt Ion: 56 Resp: 4064

Ion	Ratio	Lower	Upper
56	100		
69	177.0	25.9	38.9#
84	137.8	71.9	107.9#

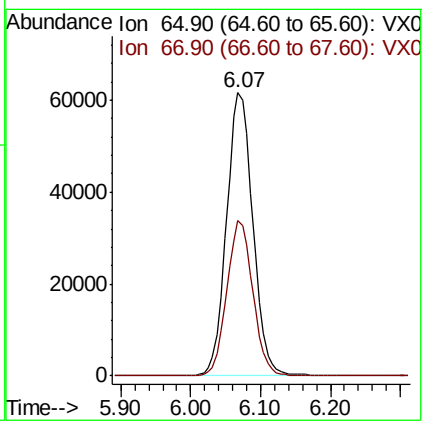


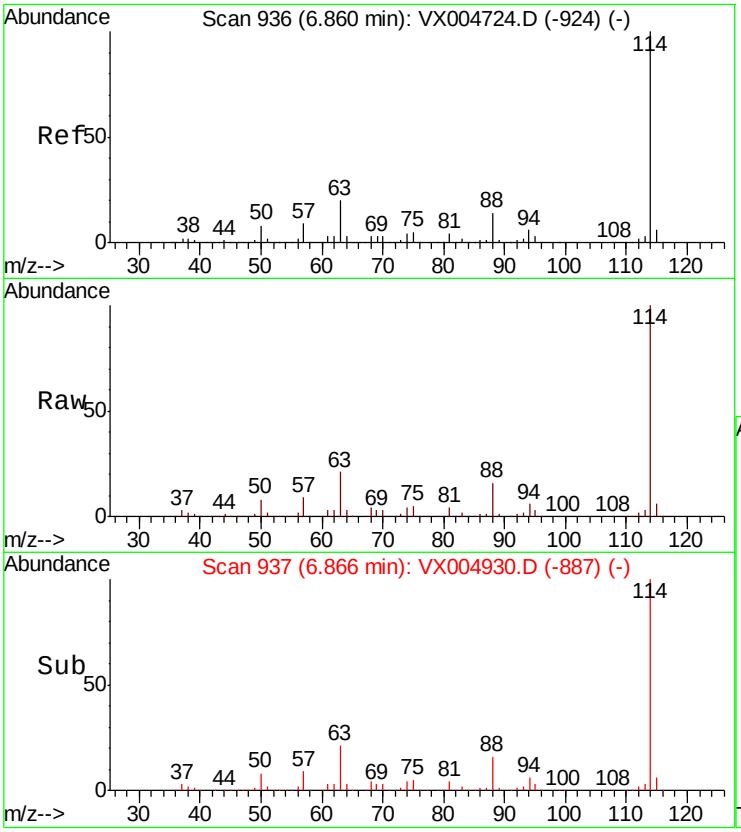


#33
1,2-Dichloroethane-d4
Concen: 56.336 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 65 Resp: 161042

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.4



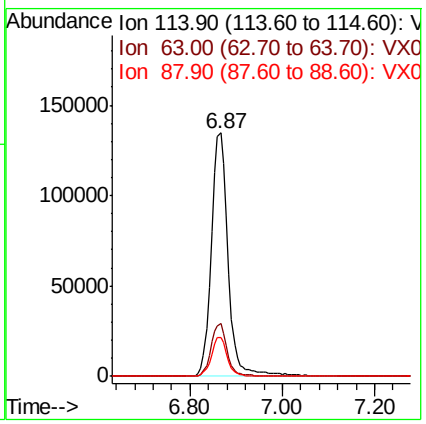


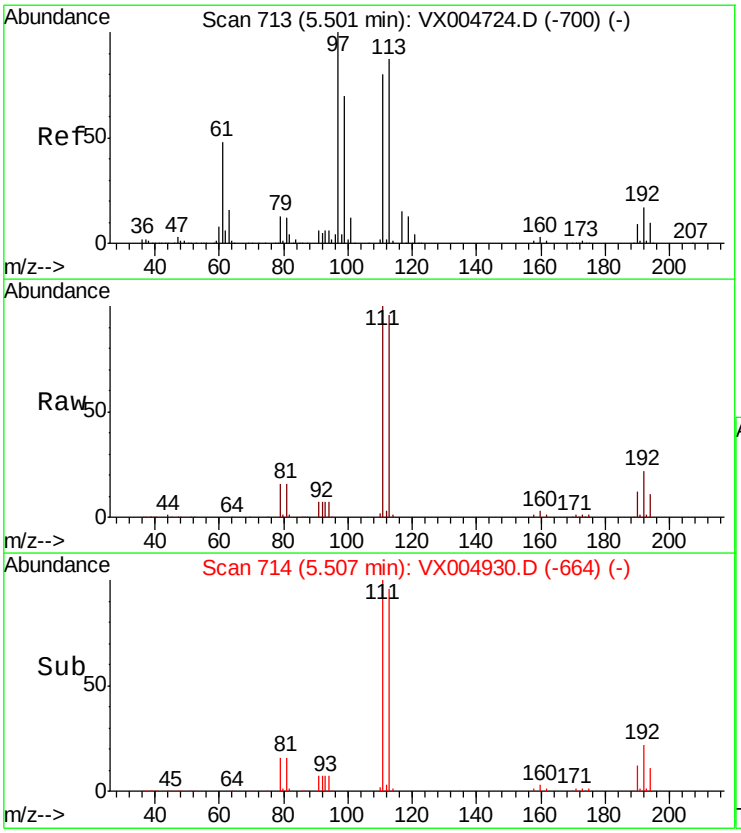
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument : MSVOA_X
ClientSampleId : PB113364ZHE#07

Tgt Ion:114 Resp: 340136

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	39.8
88	15.8	0.0	27.0

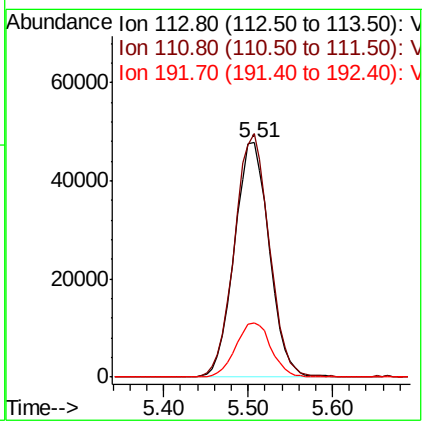


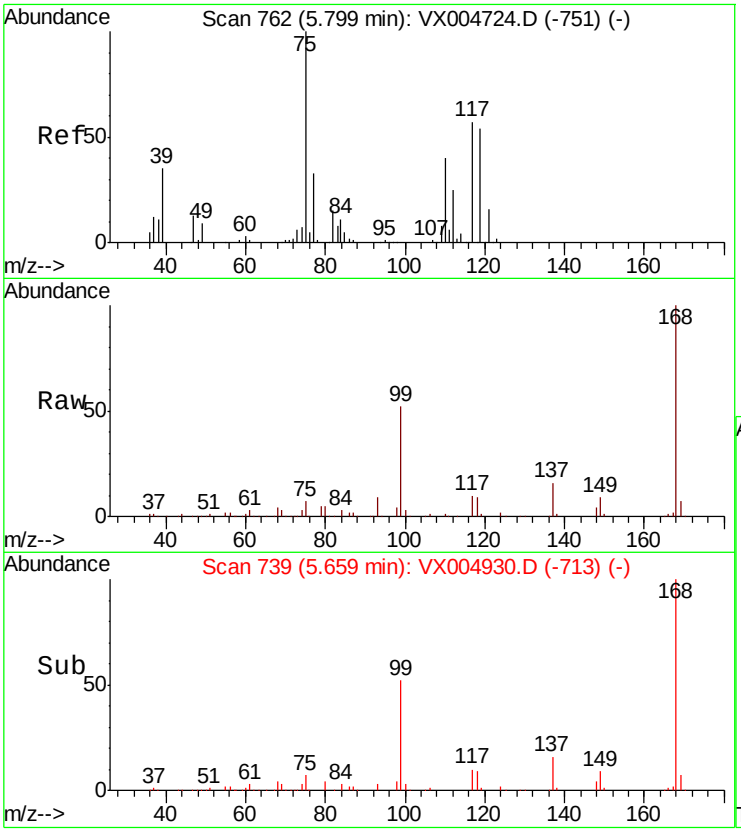


#35
Dibromofluoromethane
Concen: 46.401 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion:113 Resp: 133761

Ion	Ratio	Lower	Upper
113	100		
111	103.8	77.0	115.4
192	23.5	17.0	25.6



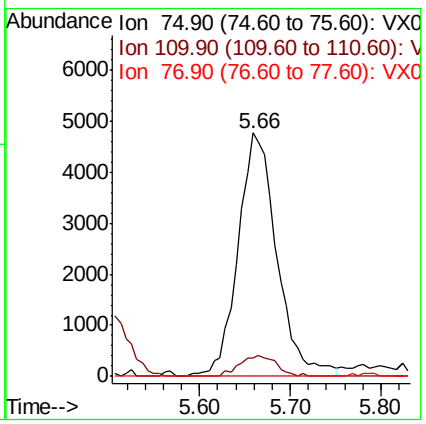


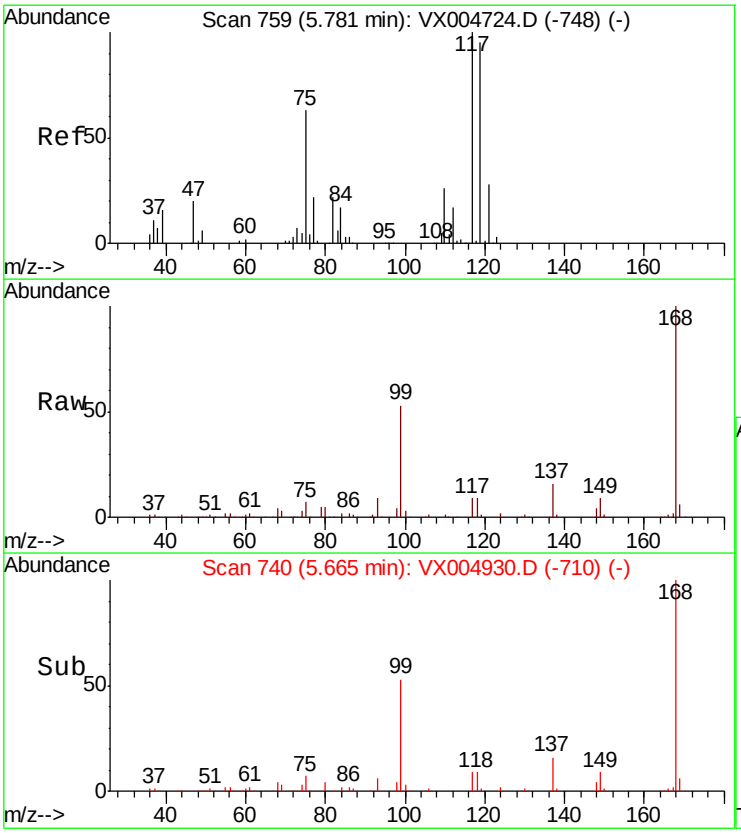
#36
1,1-Dichloropropene
Concen: 3.604 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

Tgt Ion: 75 Resp: 14173

Ion	Ratio	Lower	Upper
75	100		
110	8.1	20.0	59.9#
77	0.0	27.1	40.7#

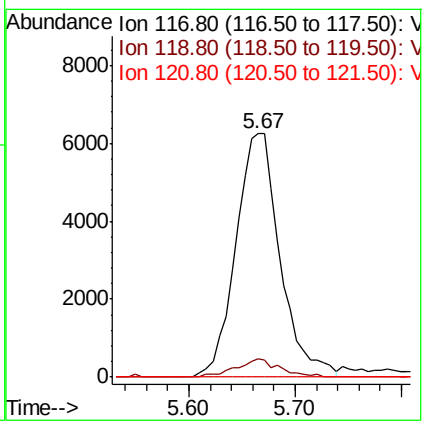


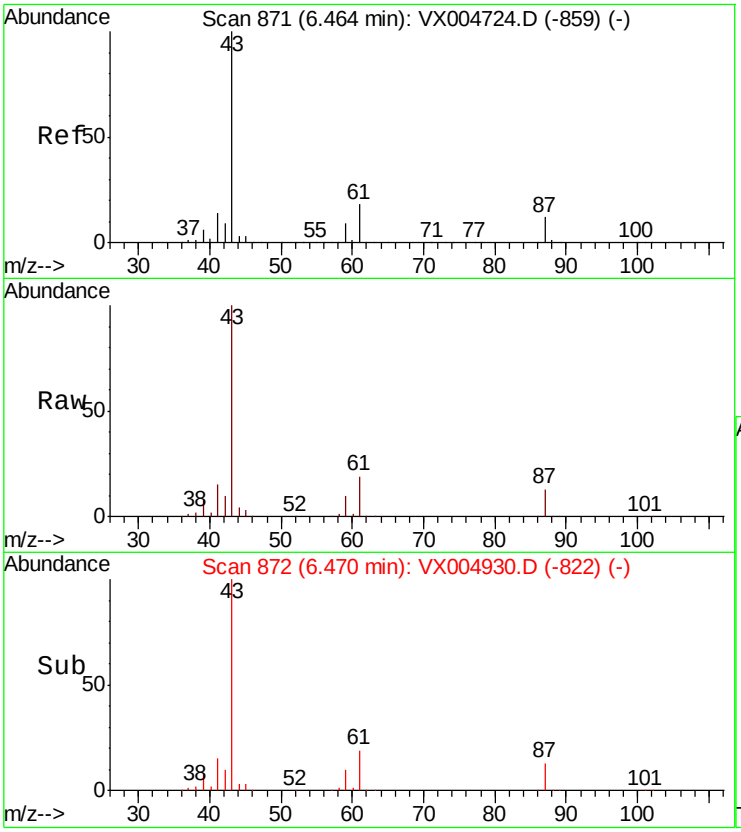


#38
Carbon Tetrachloride
Concen: 4.398 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion:117 Resp: 18181

Ion	Ratio	Lower	Upper
117	100		
119	7.3	75.2	112.8#
121	0.0	22.5	33.7#



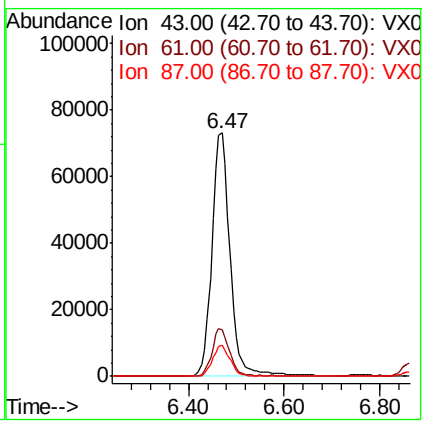


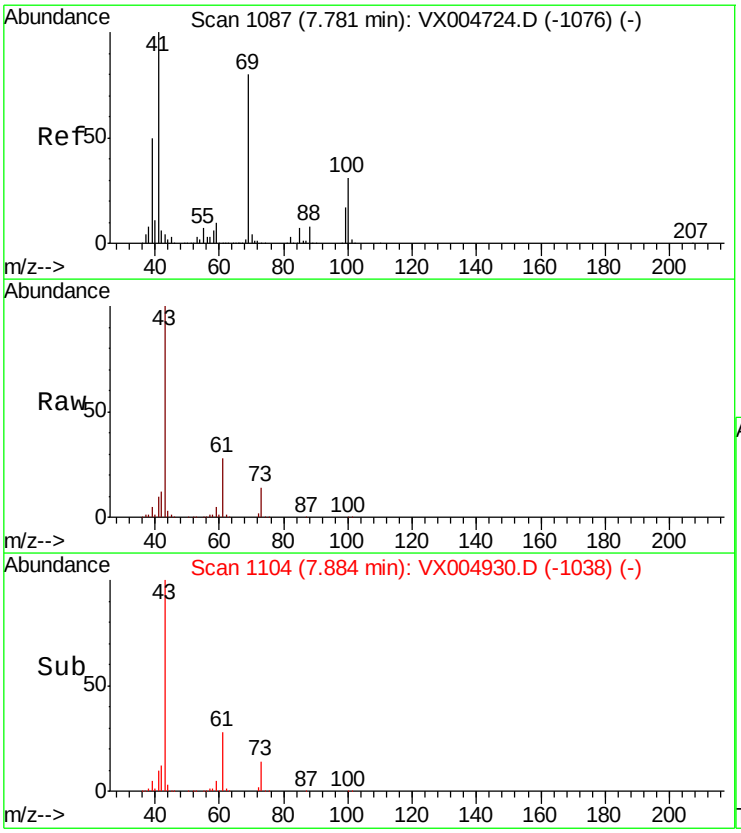
#43
Isopropyl Acetate
Concen: 25.656 ug/l
RT: 6.47 min Scan# 872
Delta R.T. 0.01 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

Tgt Ion: 43 Resp: 193331

Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.2	21.4
87	12.4	9.3	13.9

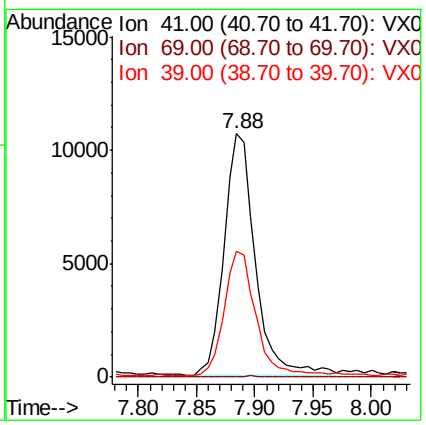


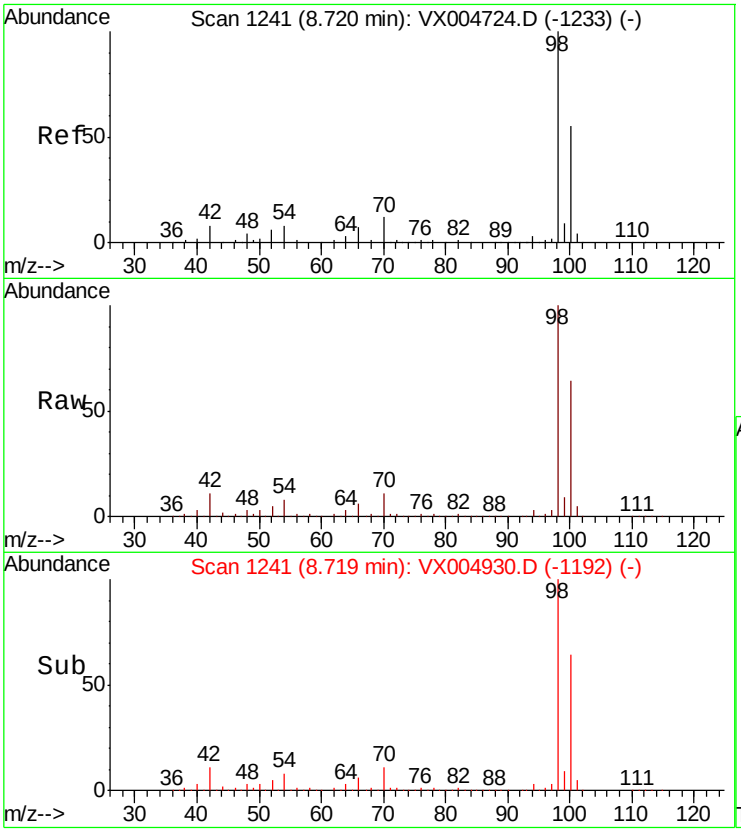


#48
Methyl methacrylate
Concen: 5.758 ug/l
RT: 7.88 min Scan# 1104
Delta R.T. 0.10 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 41 Resp: 19694

Ion	Ratio	Lower	Upper
41	100		
69	0.1	63.8	95.6#
39	53.5	40.7	61.1



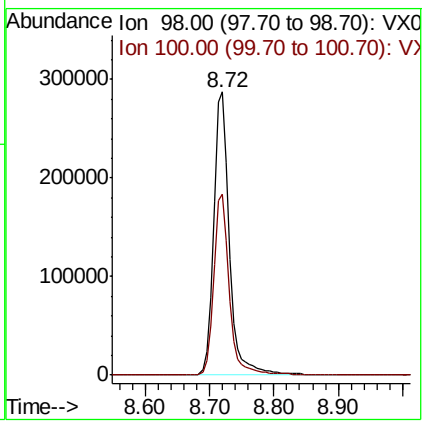


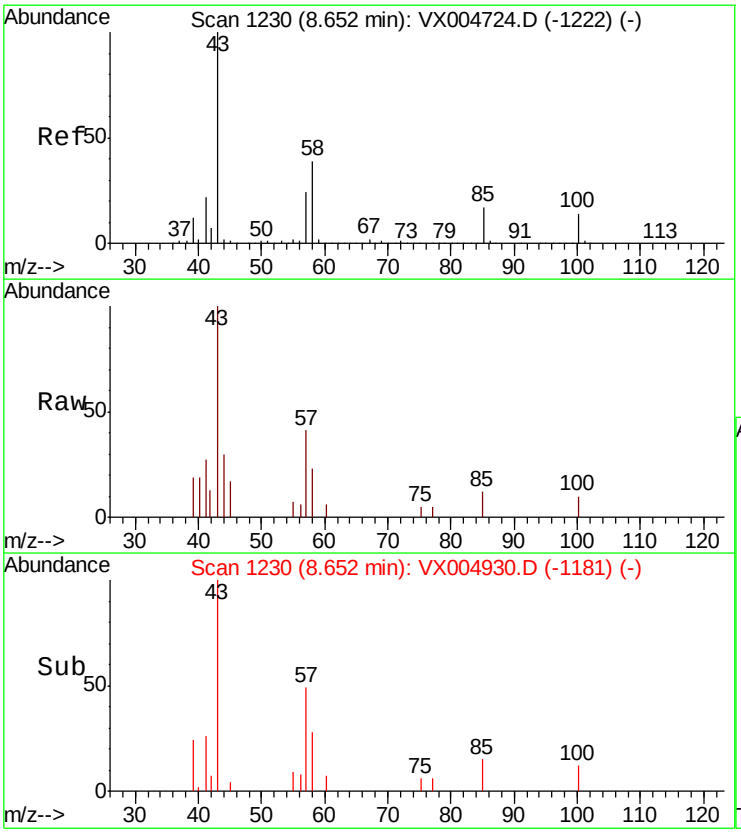
#50
Toluene-d8
Concen: 51.697 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument : MSVOA_X
ClientSampleId : PB113364ZHE#07

Tgt Ion: 98 Resp: 495434

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.9	77.9

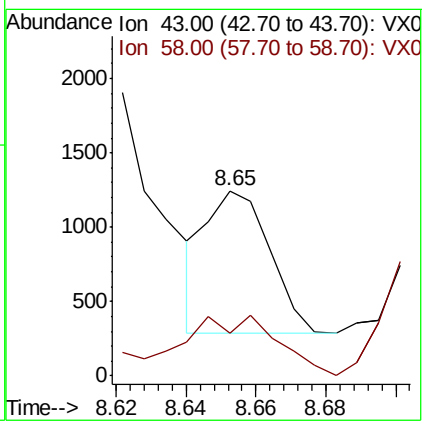


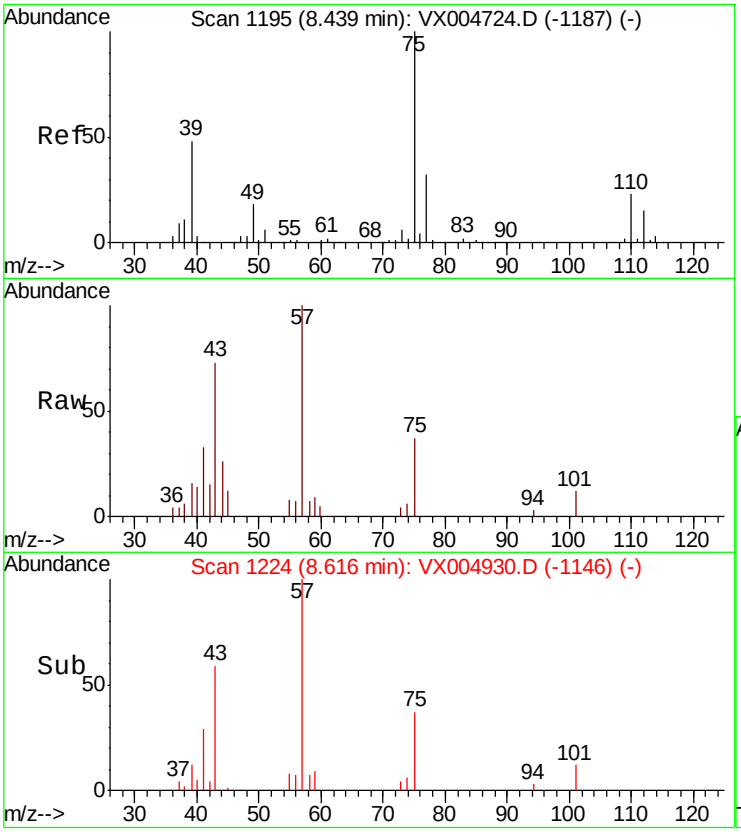


#51
4-Methyl-2-Pentanone
Concen: 0.252 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 43 Resp: 1196

Ion	Ratio	Lower	Upper
43	100		
58	75.4	30.5	45.7#



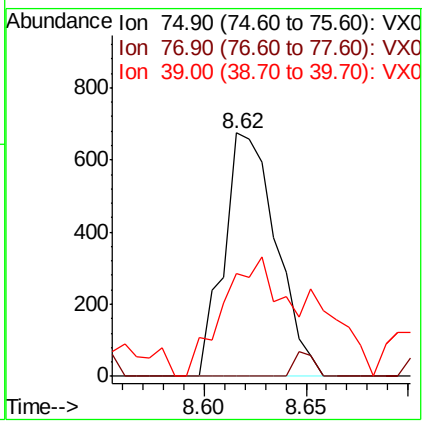


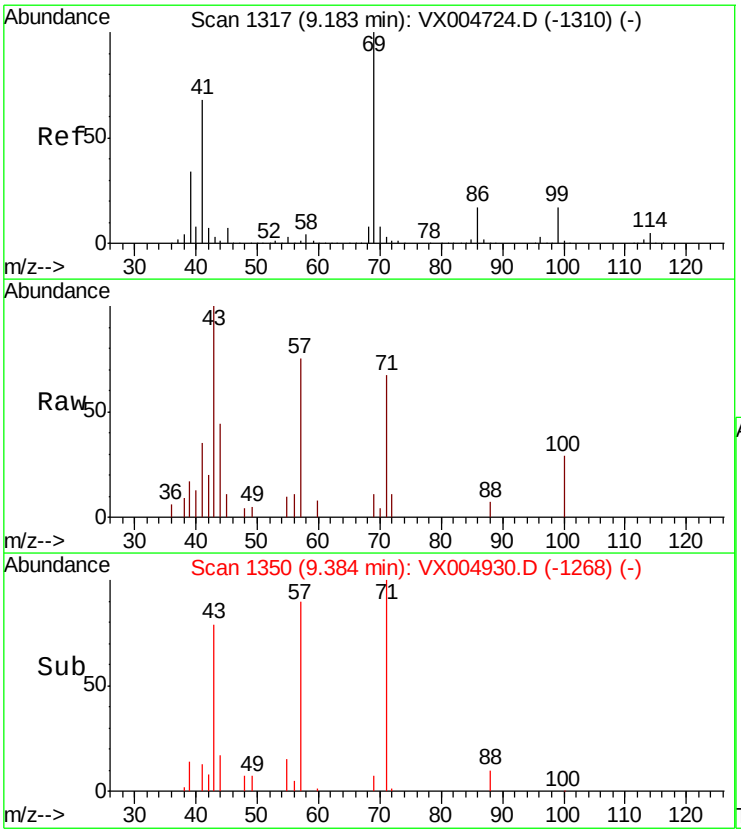
#54
cis-1,3-Dichloropropene
Concen: 0.285 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

Tgt Ion: 75 Resp: 1197

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	42.4	38.3	57.5

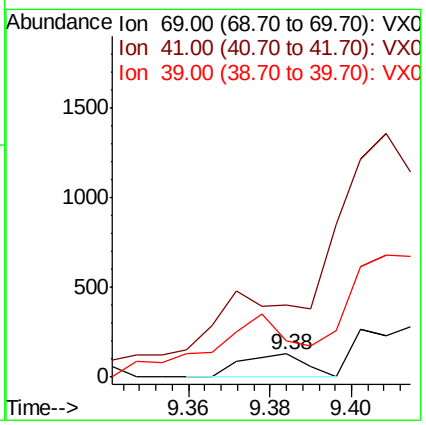


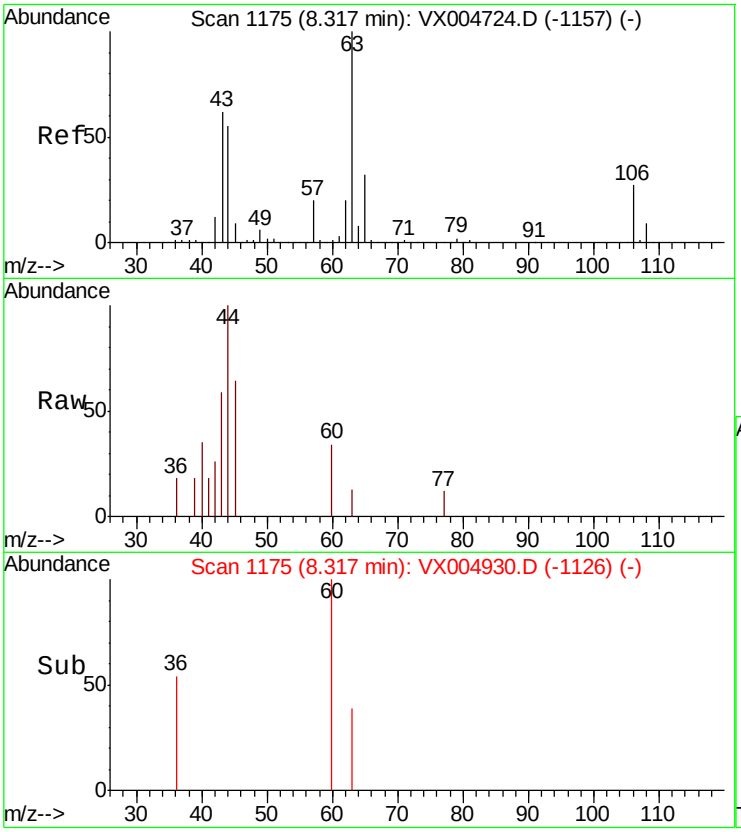


#56
Ethyl methacrylate
Concen: 2.890 ug/l
RT: 9.38 min Scan# 1350
Delta R.T. 0.20 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 69 Resp: 140

Ion	Ratio	Lower	Upper
69	100		
41	260.7	56.9	85.3#
39	369.3	28.4	42.6#



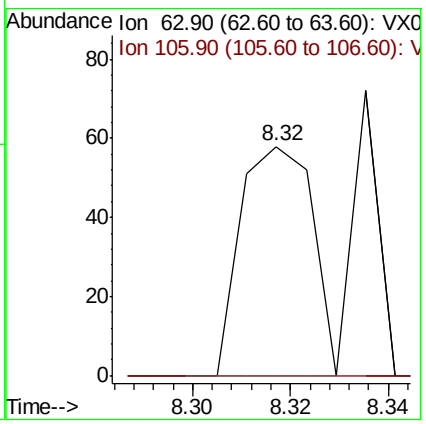


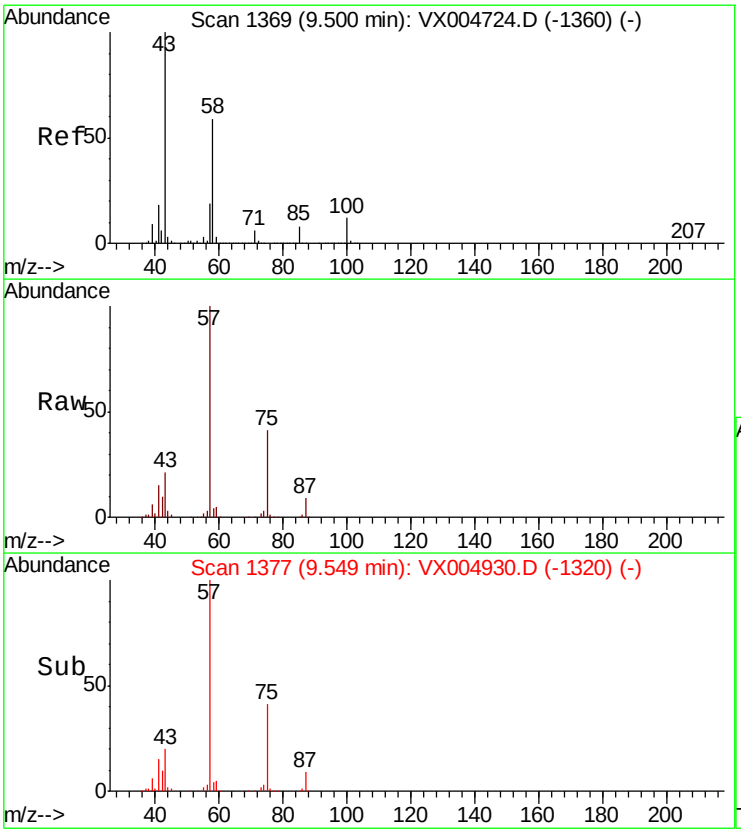
#58
2-Chloroethyl Vinyl ether
Concen: 14.264 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument : MSVOA_X
ClientSampleId : PB113364ZHE#07

Tgt Ion: 63 Resp: 59

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

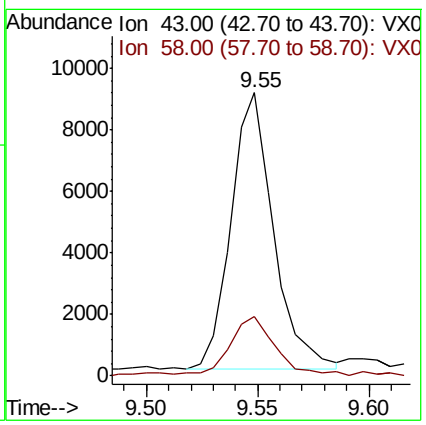


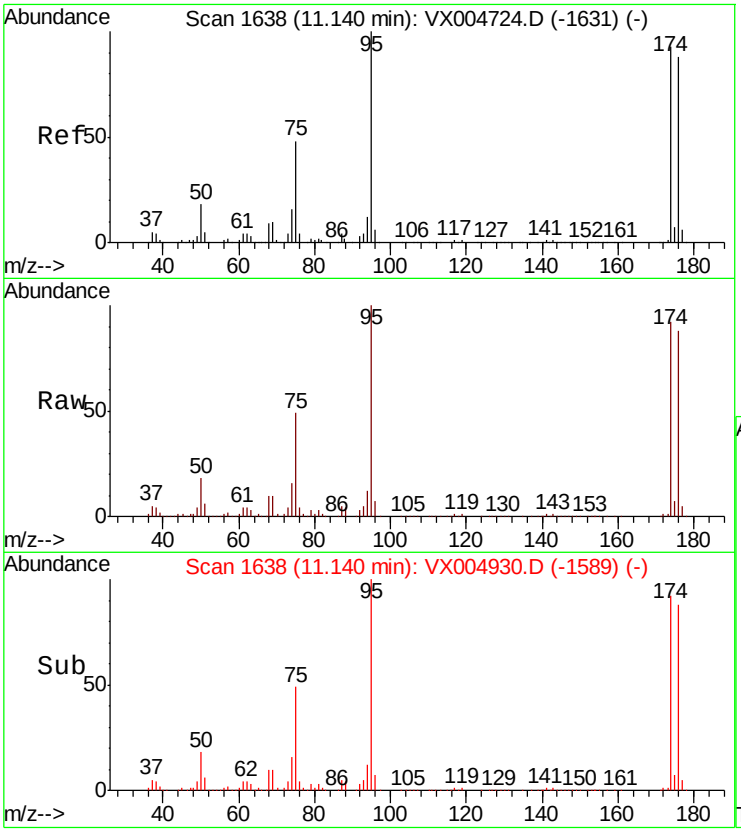


#59
2-Hexanone
Concen: 3.018 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 43 Resp: 11933

Ion	Ratio	Lower	Upper
43	100		
58	23.2	28.4	85.3#



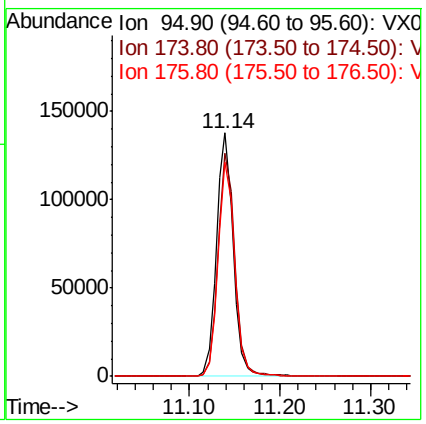


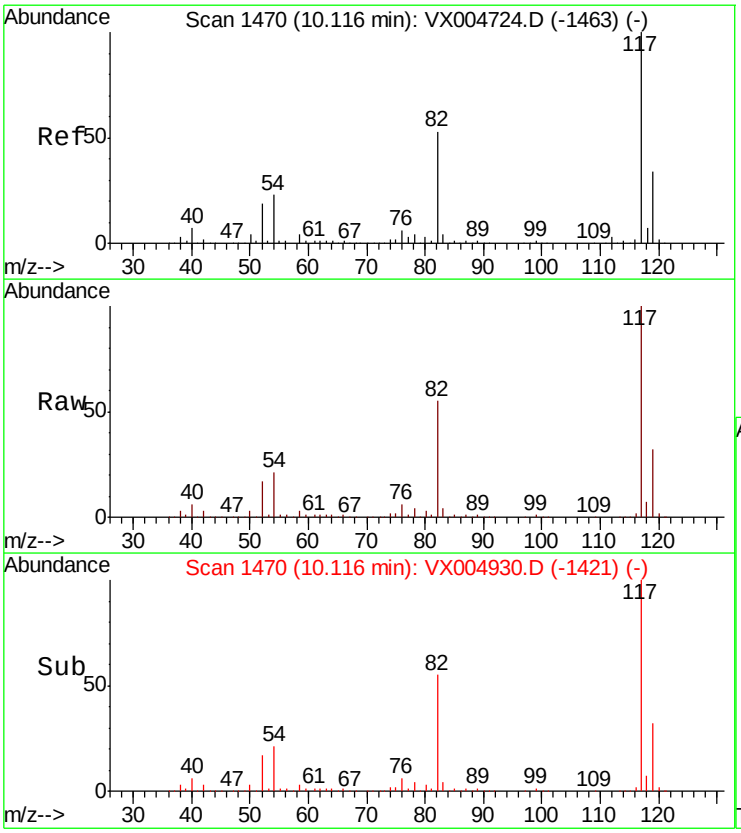
#62
4-Bromofluorobenzene
Concen: 51.442 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

Tgt Ion: 95 Resp: 177604

Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	185.0
176	87.9	0.0	180.2

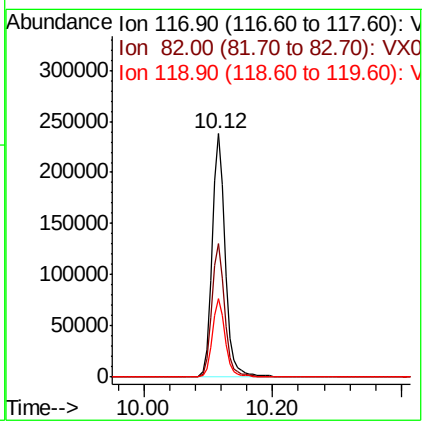


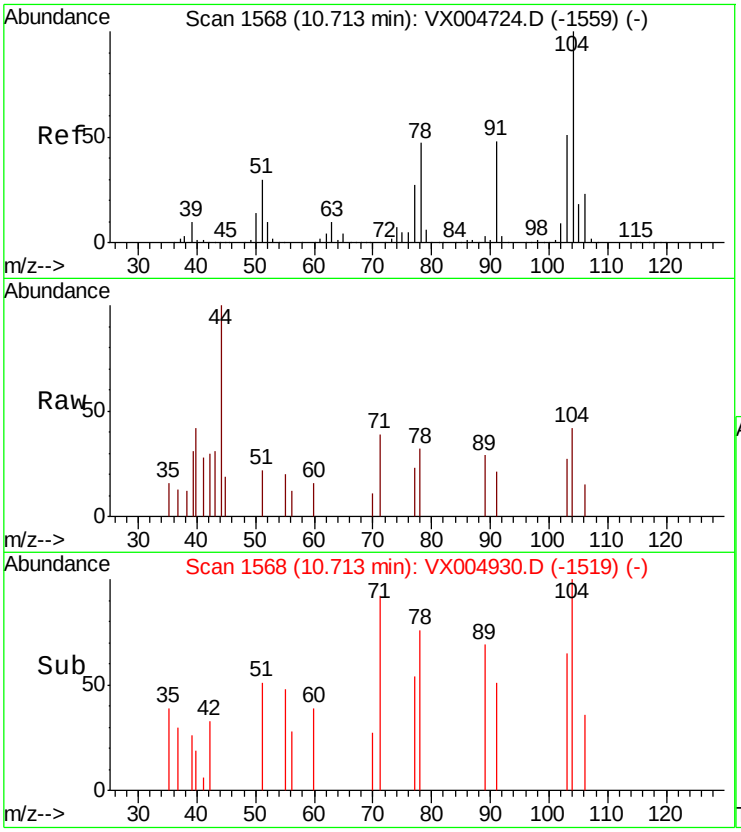


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion:117 Resp: 342316

Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.2	63.4
119	32.1	27.4	41.0



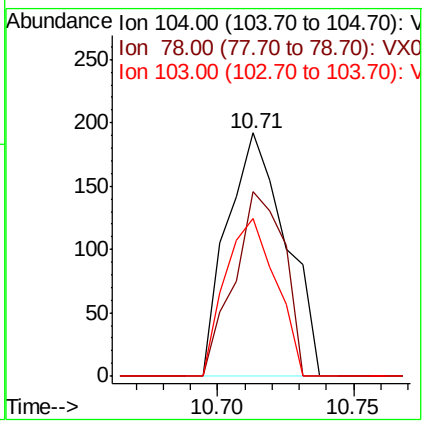


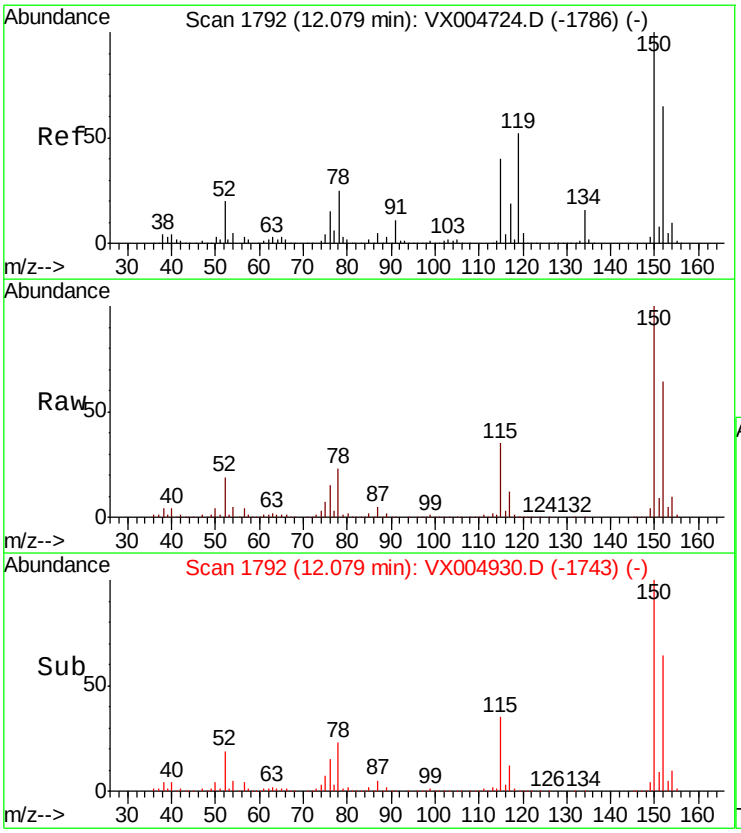
#70
Stvrene
Concen: 2.170 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

Tgt Ion:104 Resp: 286

Ion	Ratio	Lower	Upper
104	100		
78	64.7	40.0	60.0#
103	56.3	44.3	66.5

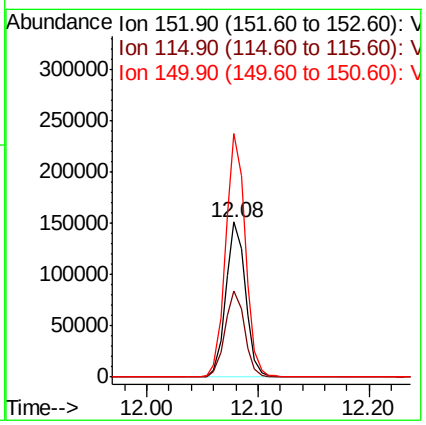


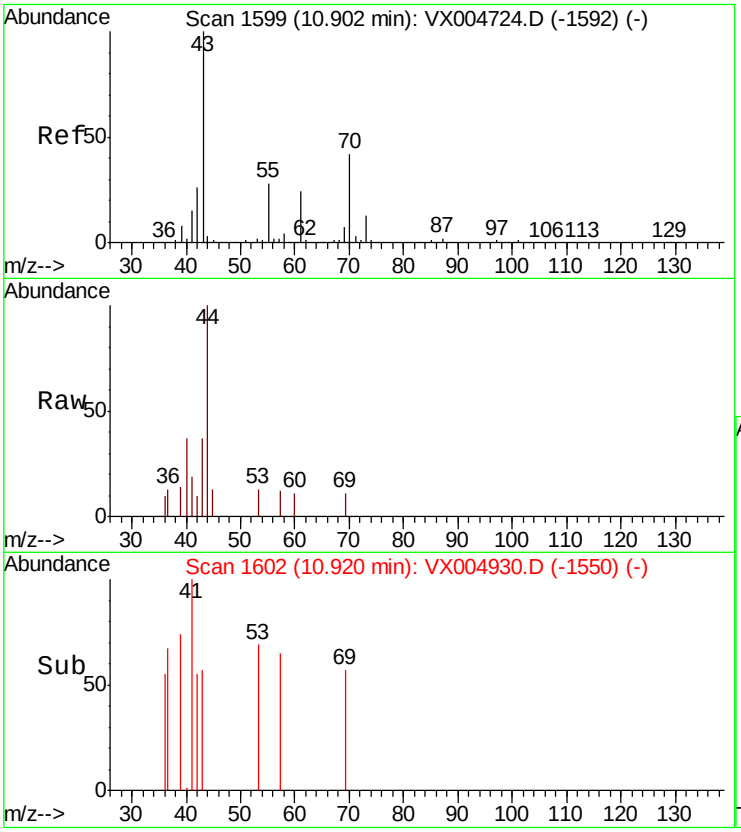


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion:152 Resp: 184574

Ion	Ratio	Lower	Upper
152	100		
115	55.6	40.2	120.6
150	156.6	0.0	351.0



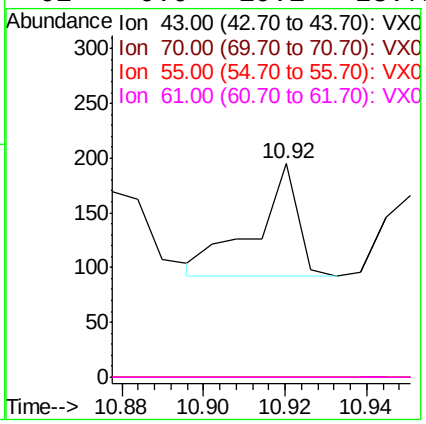


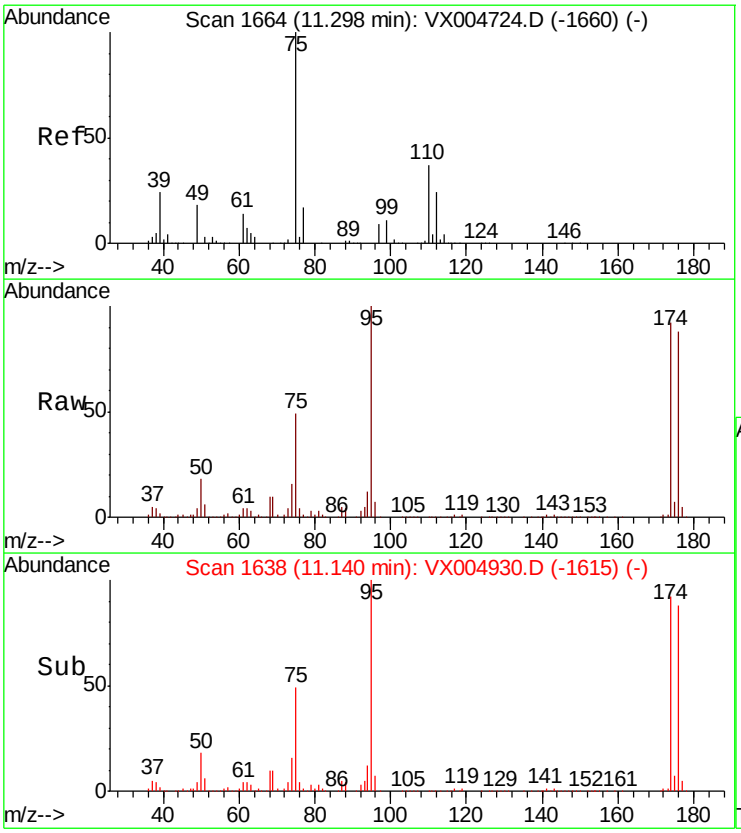
#74
N-amyl acetate
Concen: 1.759 ug/l
RT: 10.92 min Scan# 1602
Delta R.T. 0.02 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument : MSVOA_X
ClientSampleId : PB113364ZHE#07

Tgt Ion: 43 Resp: 75

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	0.0	21.6	32.4#
61	0.0	19.1	28.7#

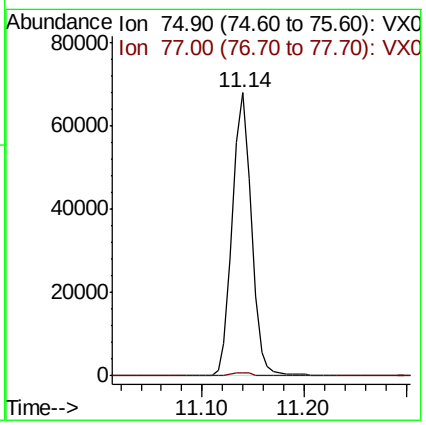


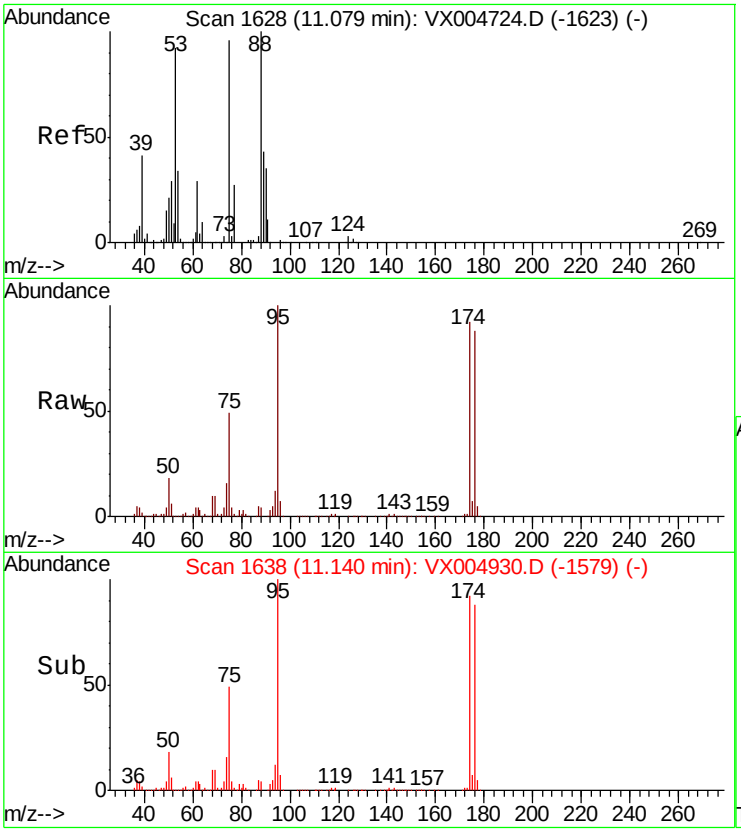


#76
1,2,3-Trichloropropane
Concen: 21.288 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 75 Resp: 88066

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#



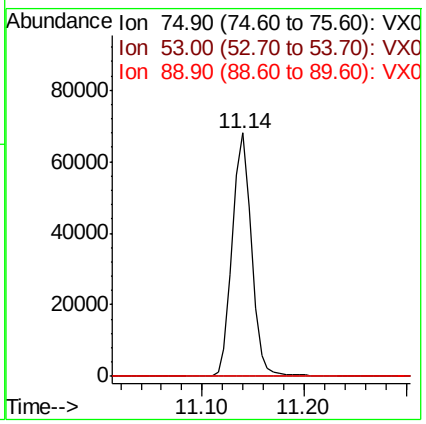


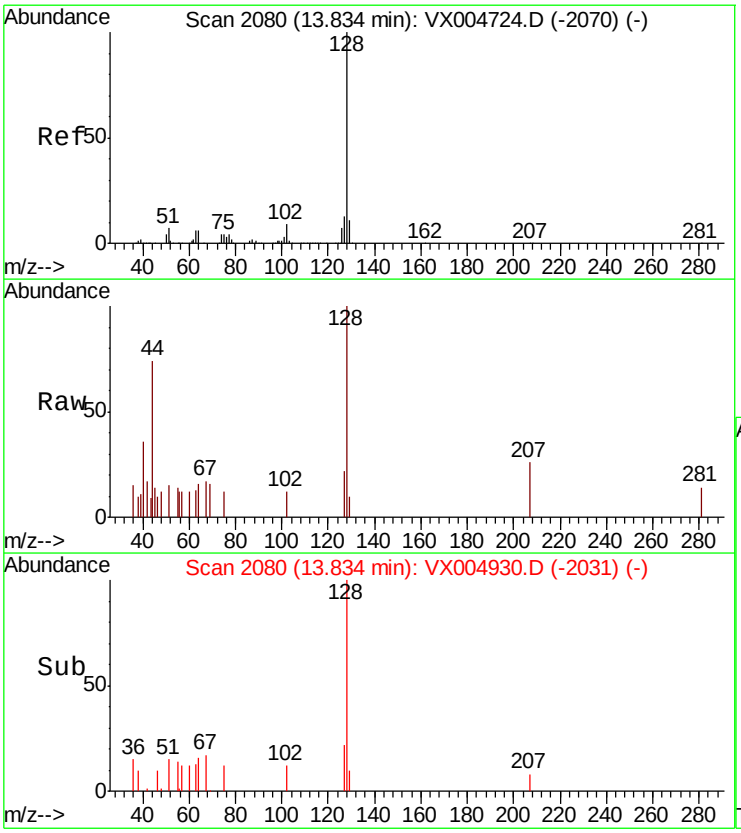
#81
trans-1,4-Dichloro-2-butene
Concen: 57.739 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

Tgt Ion: 75 Resp: 88066

Ion	Ratio	Lower	Upper
75	100		
53	0.4	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 0.772 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion:128 Resp: 811

Ion	Ratio	Lower	Upper
128	100		
127	17.4	10.4	15.6#
129	7.6	8.7	13.1#