Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101818\
Data File : VX005442.D
Acq On : 18 Oct 2018 20:37
Operator : JC/MD
Sample : J5204-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU-03-101718-B

Quant Time: Oct 19 03:36:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	301485	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	436001	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384119	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189758	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.07	65	165677	49.51 ug/l	0.00
Spiked Amount 50.000			Recovery = 99.02%		
35) Dibromofluoromethane	5.51	113	148778	51.52 ug/l	0.00
Spiked Amount 50.000			Recovery = 103.04%		
50) Toluene-d8	8.71	98	509703	51.41 ug/l	0.00
Spiked Amount 50.000			Recovery = 102.82%		
62) 4-Bromofluorobenzene	11.14	95	169108	45.41 ug/l	0.00
Spiked Amount 50.000			Recovery = 90.82%		
Target Compounds					Qvalue
5) Bromomethane	1.64	94	226	0.699 ug/l #	38
6) Chloroethane	1.70	64	248	0.444 ug/l #	44
10) Methyl Iodide	2.51	142	22	2.496 ug/l #	6
11) Tert butyl alcohol	3.07	59	265	0.281 ug/l	95
13) Acrolein	2.30	56	354	Below Cal #	76
16) Acetone	2.45	43	19398	10.027 ug/l	98
18) Methyl Acetate	2.78	43	11023	2.003 ug/l	96
20) Methylene Chloride	2.86	84	4405	0.261 ug/l	88
25) 2-Butanone	4.71	43	4207	1.486 ug/l	95
29) Tetrahydrofuran	5.16	42	1685	0.933 ug/l #	77
36) 1,1-Dichloropropene	5.66	75	19375	4.588 ug/l #	50
38) Carbon Tetrachloride	5.66	117	26148	6.163 ug/l #	16
39) Methylcyclohexane	7.47	83	1500	0.328 ug/l #	86
43) Isopropyl Acetate	6.46	43	174021	24.057 ug/l	98
44) Trichloroethene	7.21	130	38	Below Cal	52
48) Methyl methacrylate	7.68	41	7328	1.953 ug/l #	21
51) 4-Methyl-2-Pentanone	8.62	43	2131	0.425 ug/l #	49
54) cis-1,3-Dichloropropene	8.62	75	1003	0.225 ug/l #	61
59) 2-Hexanone	9.55	43	10663	2.646 ug/l #	54
67) Ethyl Benzene	10.26	91	4552	0.343 ug/l	98
68) m/p-Xylenes	10.37	106	1208	0.234 ug/l	89
69) o-Xylene	10.70	106	1600	0.322 ug/l	94
76) 1,2,3-Trichloropropane	11.14	75	82564	22.431 ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	4953	0.513 ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	82564	68.157 ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	14541	1.463 ug/l	99
86) p-Isopropyltoluene	12.07	119	8425	0.805 ug/l	93
90) Hexachloroethane	12.61	117	1152	0.639 ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	243	0.234 ug/l #	1
95) Naphthalene	13.83	128	1861554	142.249 ug/l	99

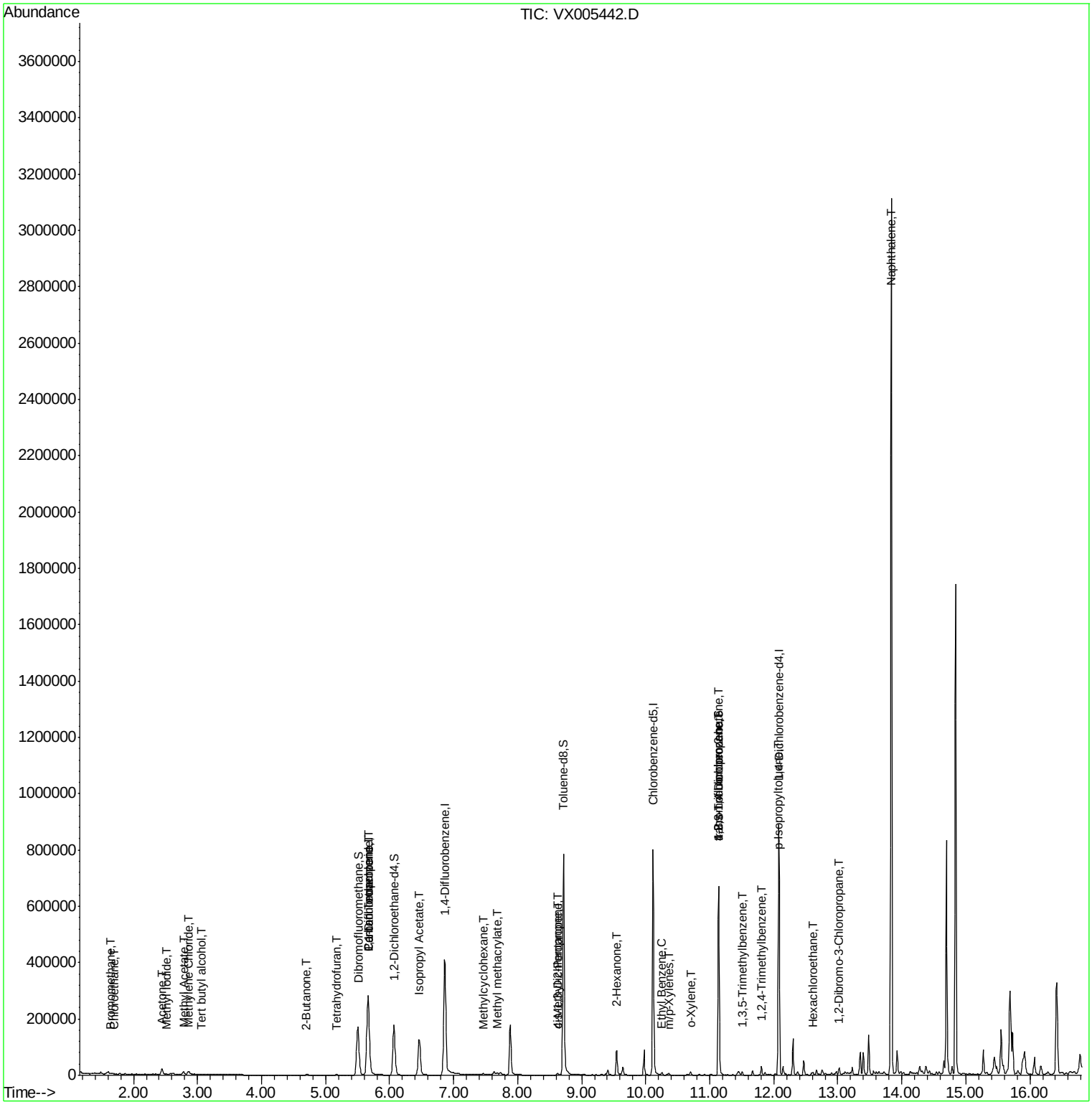
(#) = qualifier out of range (m) = manual integration (+) = signals summed

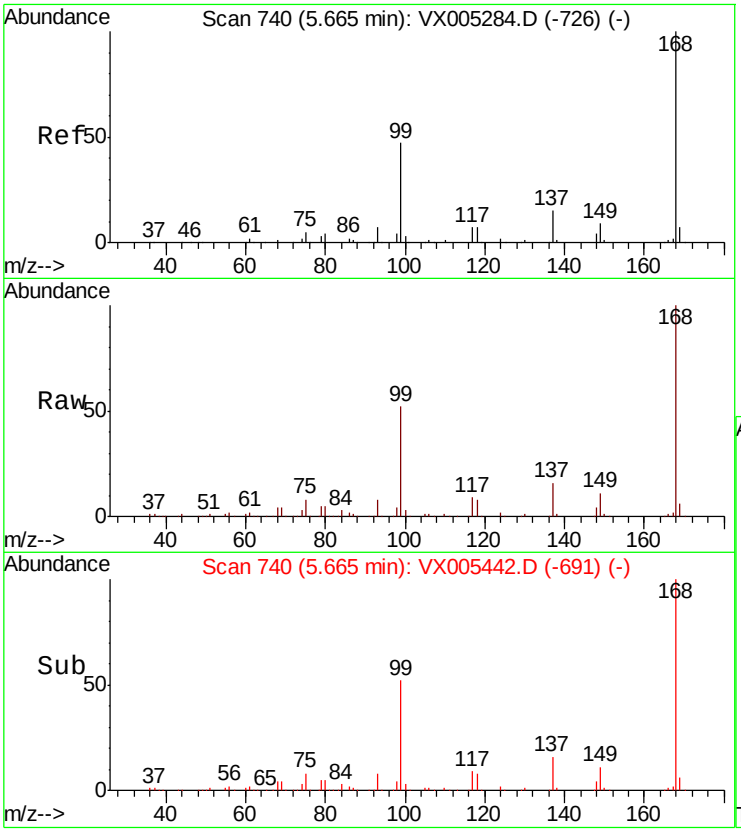
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
Data File : VX005442.D
Acq On : 18 Oct 2018 20:37
Operator : JC/MD
Sample : J5204-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Quant Time: Oct 19 03:36:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration



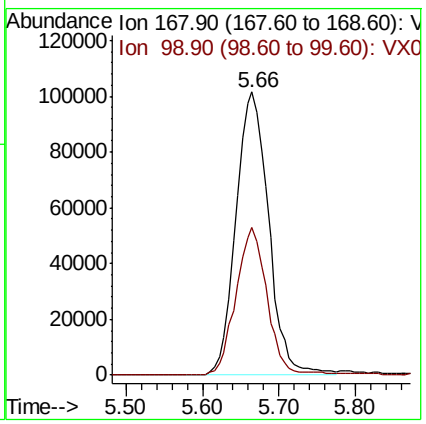


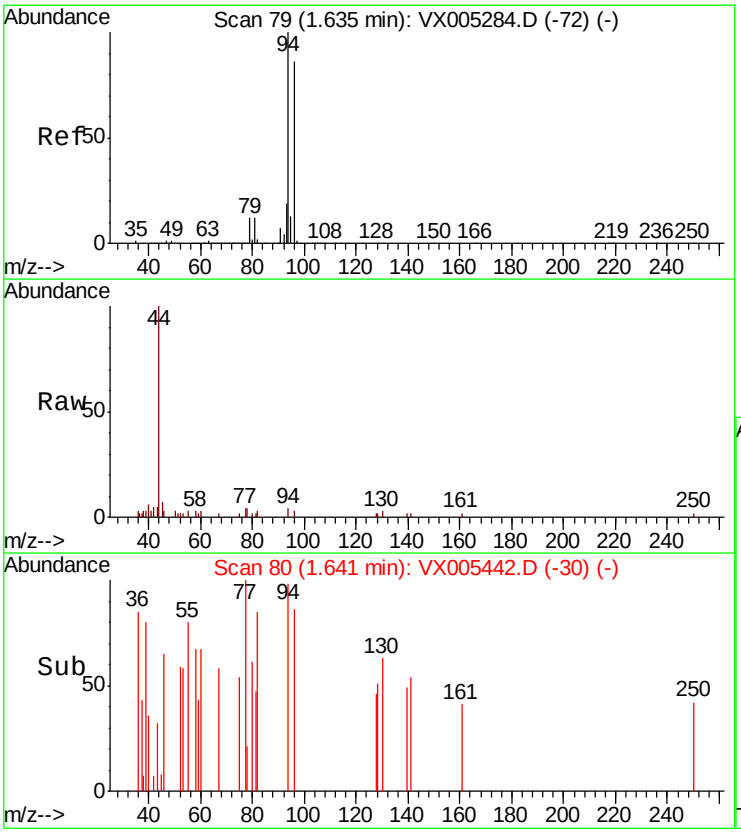
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion:168 Resp: 301485

Ion	Ratio	Lower	Upper
168	100		
99	52.2	39.9	59.9

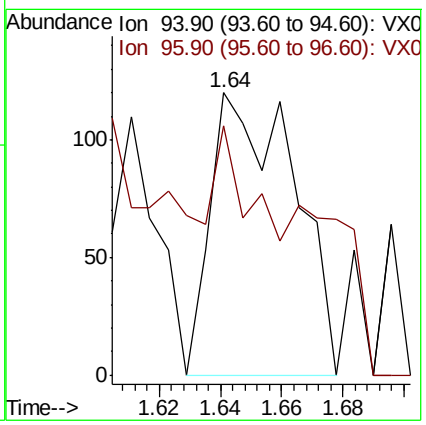


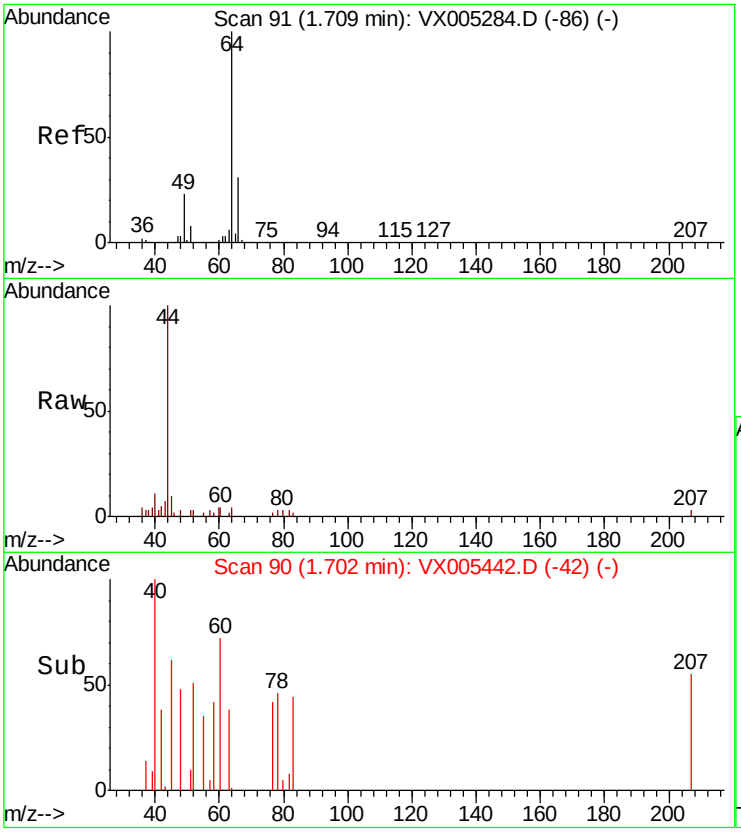


#5
Bromomethane
Concen: 0.699 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion: 94 Resp: 226

Ion	Ratio	Lower	Upper
94	100		
96	33.3	74.5	111.7#



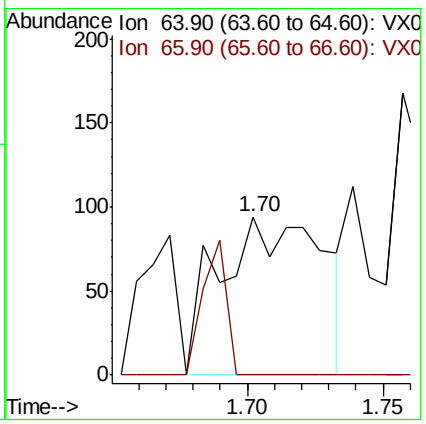


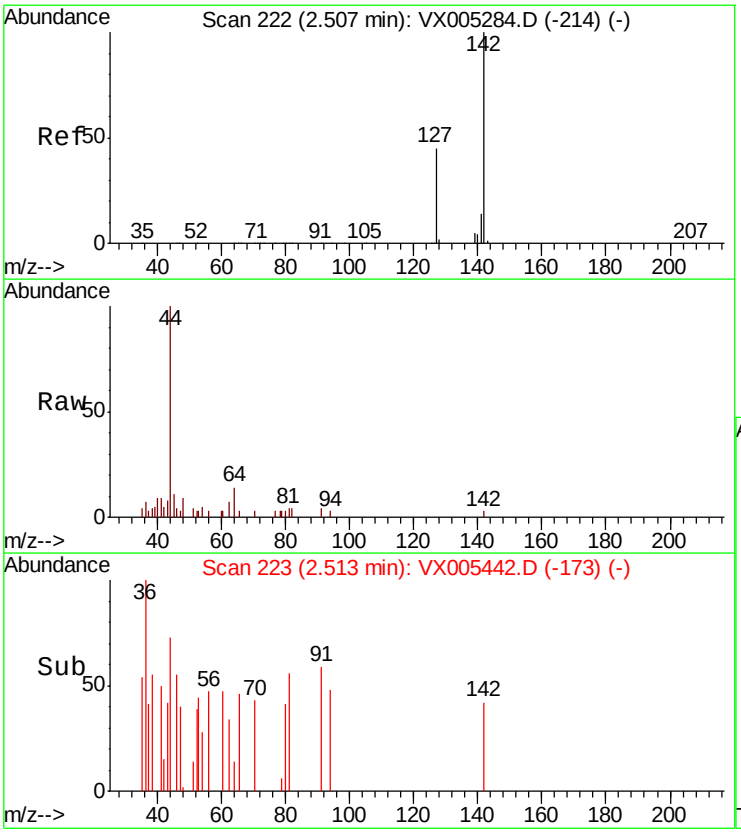
#6
Chloroethane
Concen: 0.444 ug/l
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion: 64 Resp: 248

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#

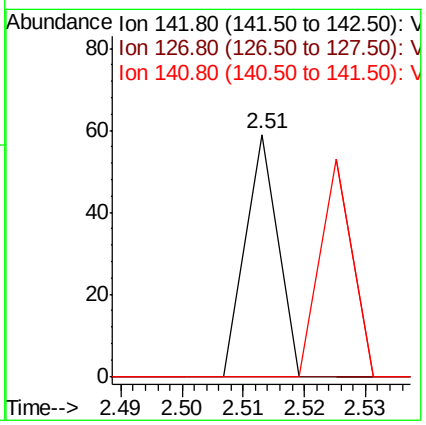


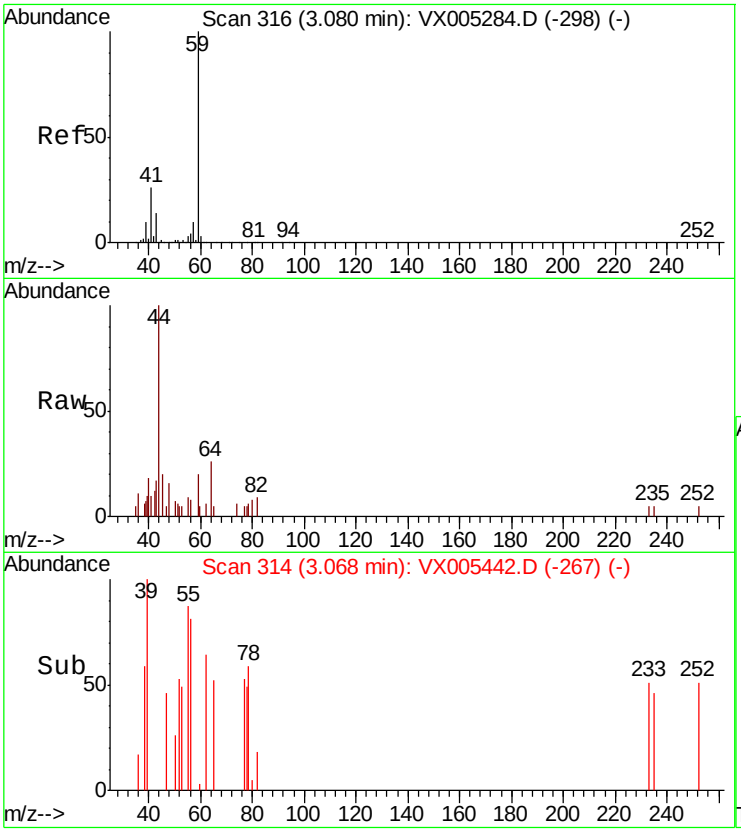


#10
Methyl Iodide
Concen: 2.496 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion:142 Resp: 22

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.8	50.6#
141	86.4	11.4	17.0#



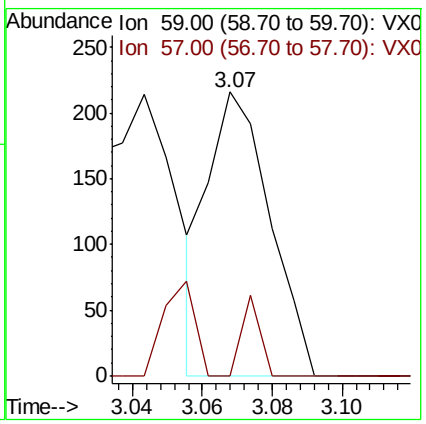


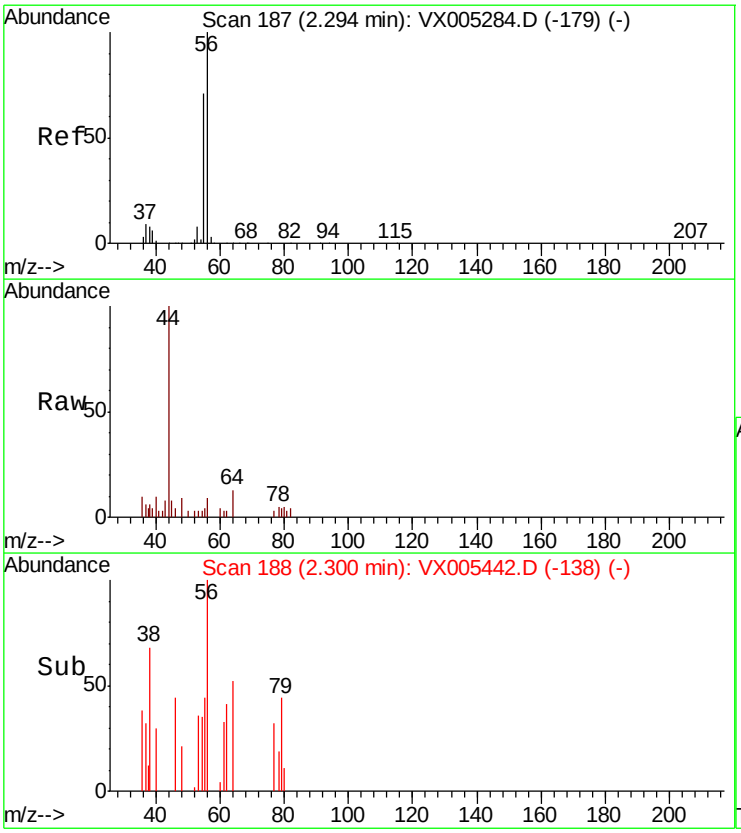
#11
Tert butyl alcohol
Concen: 0.281 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion: 59 Resp: 265

Ion	Ratio	Lower	Upper
59	100		
57	8.3	8.2	12.4

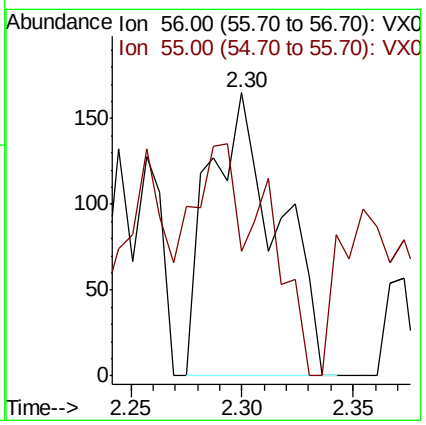


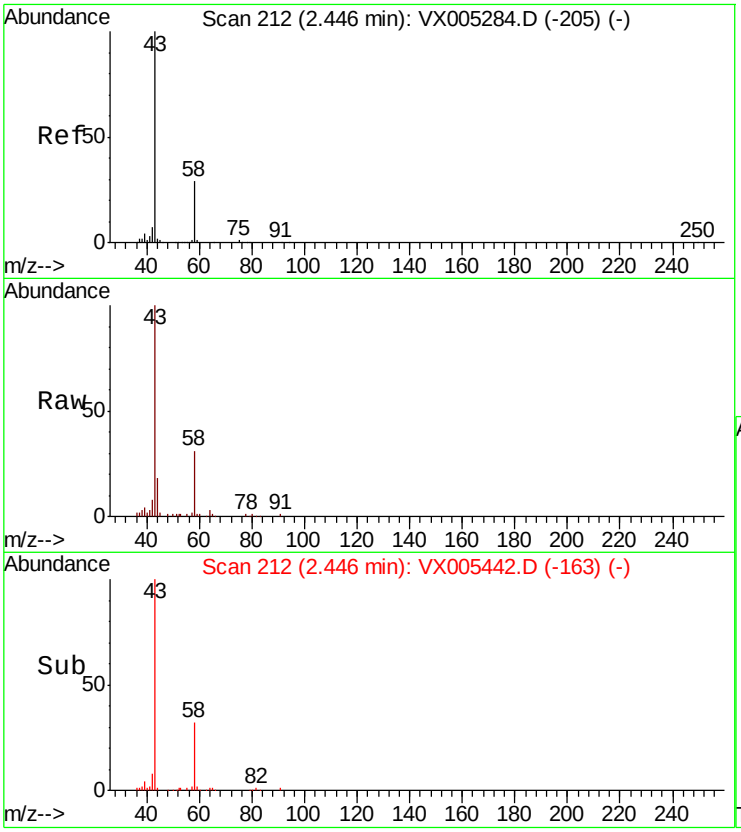


#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion: 56 Resp: 354

Ion	Ratio	Lower	Upper
56	100		
55	88.1	54.7	82.1#



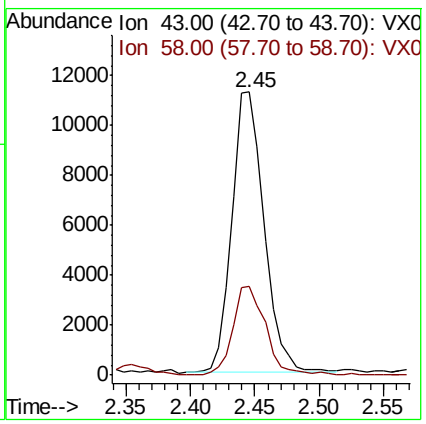


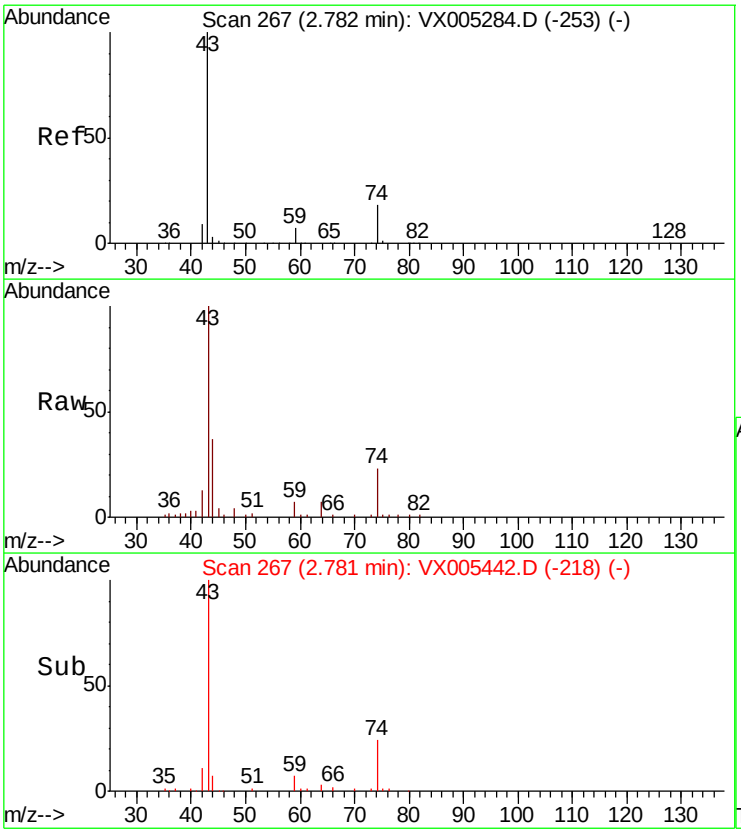
#16
Acetone
Concen: 10.027 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion: 43 Resp: 19398

Ion	Ratio	Lower	Upper
43	100		
58	31.6	26.2	39.4

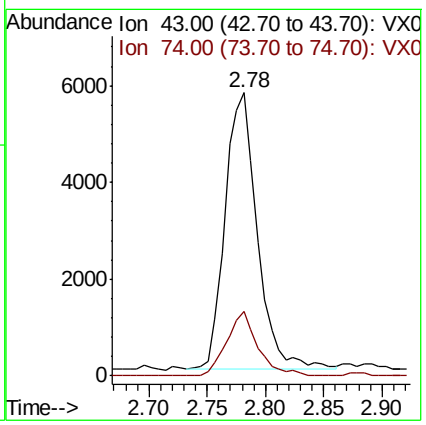


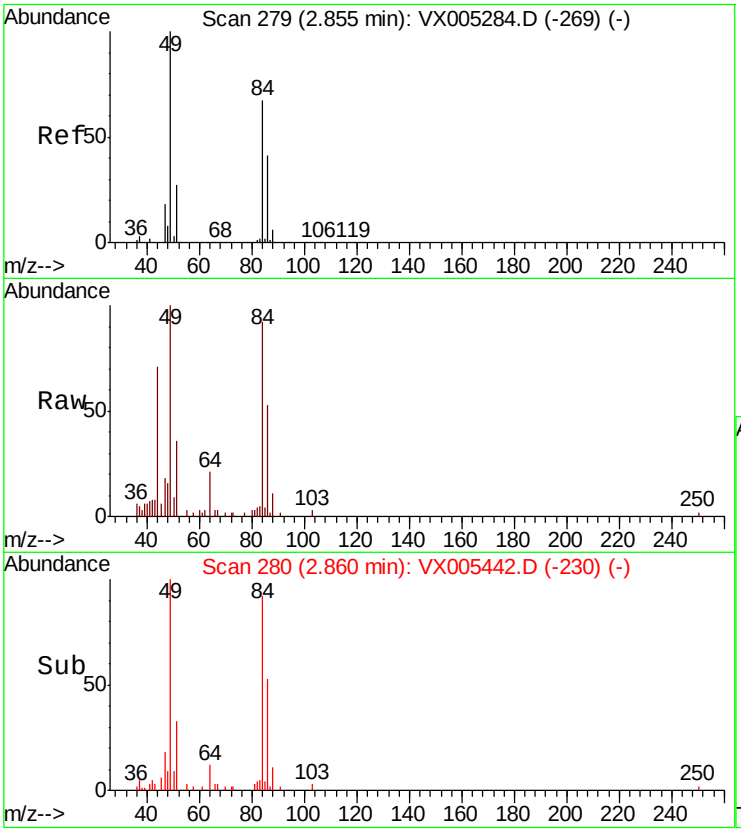


#18
Methyl Acetate
Concen: 2.003 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion: 43 Resp: 11023

Ion	Ratio	Lower	Upper
43	100		
74	22.4	19.4	29.2



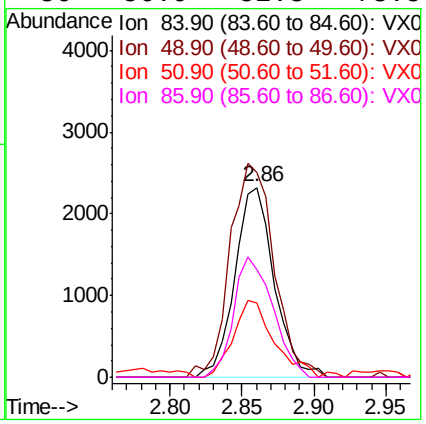


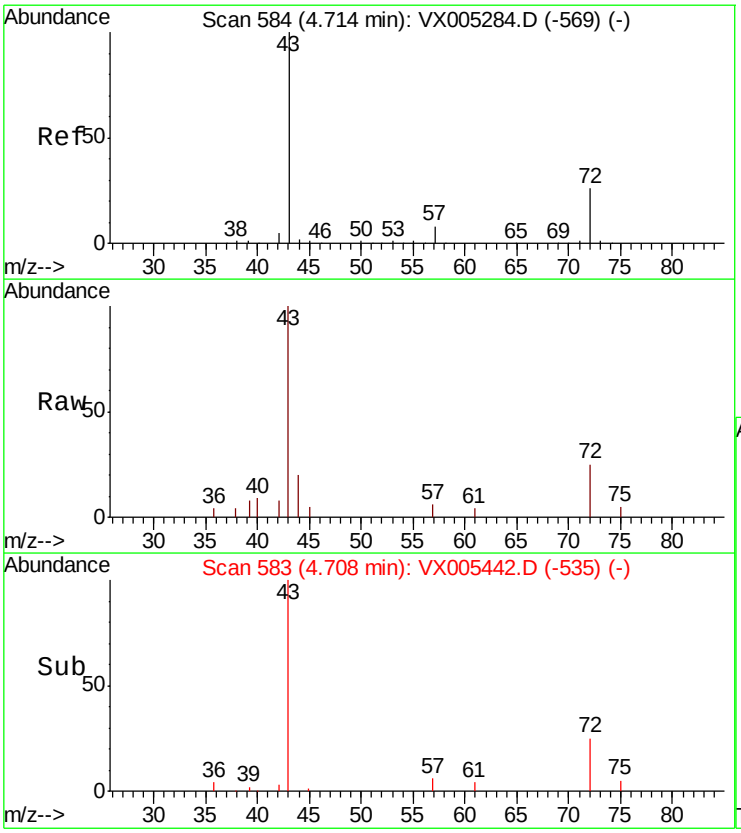
#20
Methylene Chloride
Concen: 0.261 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument : MSVOA_X
ClientSampleId : SU-03-101718-B

Tgt Ion: 84 Resp: 4405

Ion	Ratio	Lower	Upper
84	100		
49	108.2	101.2	151.8
51	36.5	29.5	44.3
86	56.9	52.3	78.5

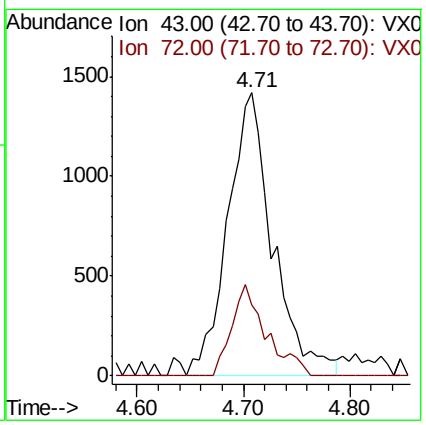


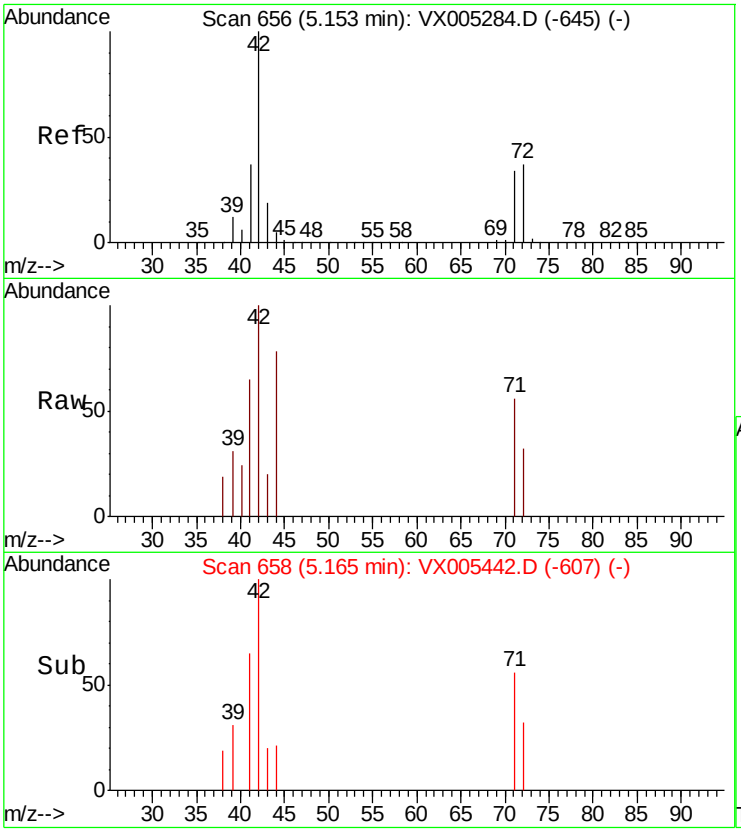


#25
2-Butanone
Concen: 1.486 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion: 43 Resp: 4207

Ion	Ratio	Lower	Upper
43	100		
72	25.1	22.0	33.0



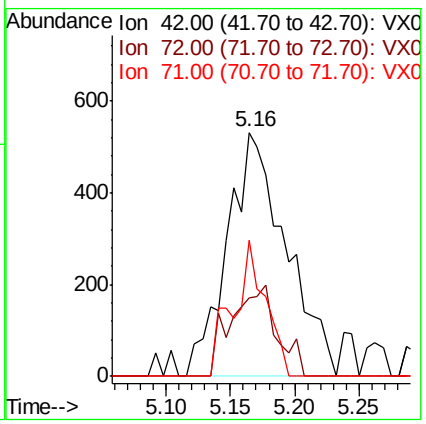


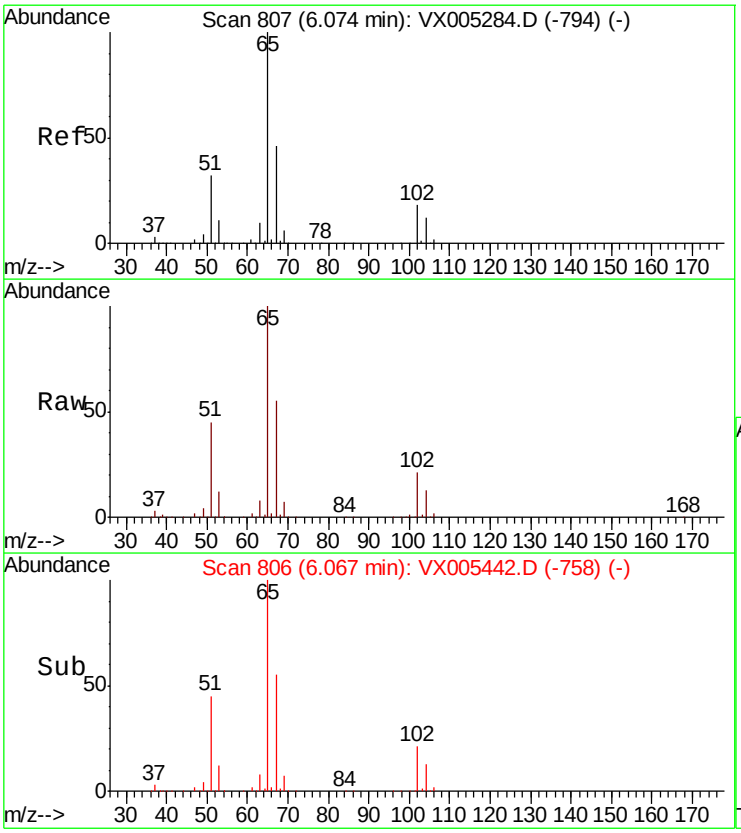
#29
Tetrahydrofuran
Concen: 0.933 ug/l
RT: 5.16 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion: 42 Resp: 1685

Ion	Ratio	Lower	Upper
42	100		
72	29.1	37.4	56.0#
71	31.0	34.5	51.7#

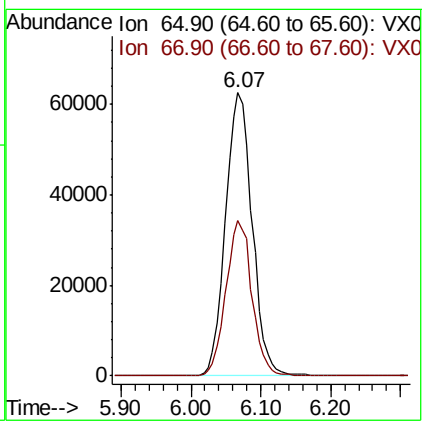


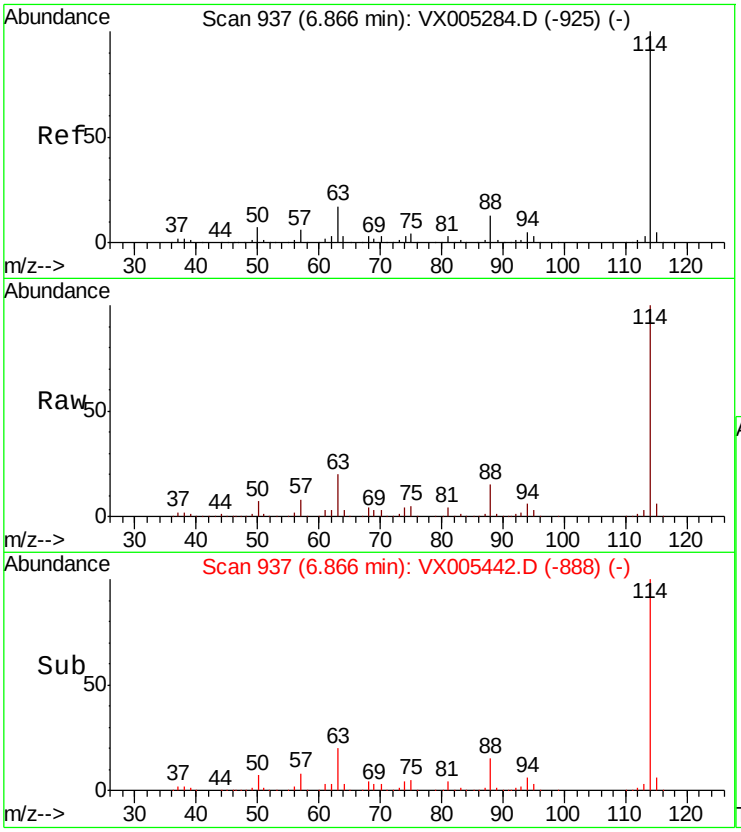


#33
1,2-Dichloroethane-d4
Concen: 49.515 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion: 65 Resp: 165677

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.8



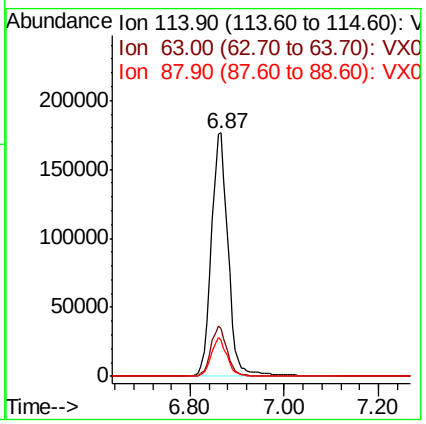


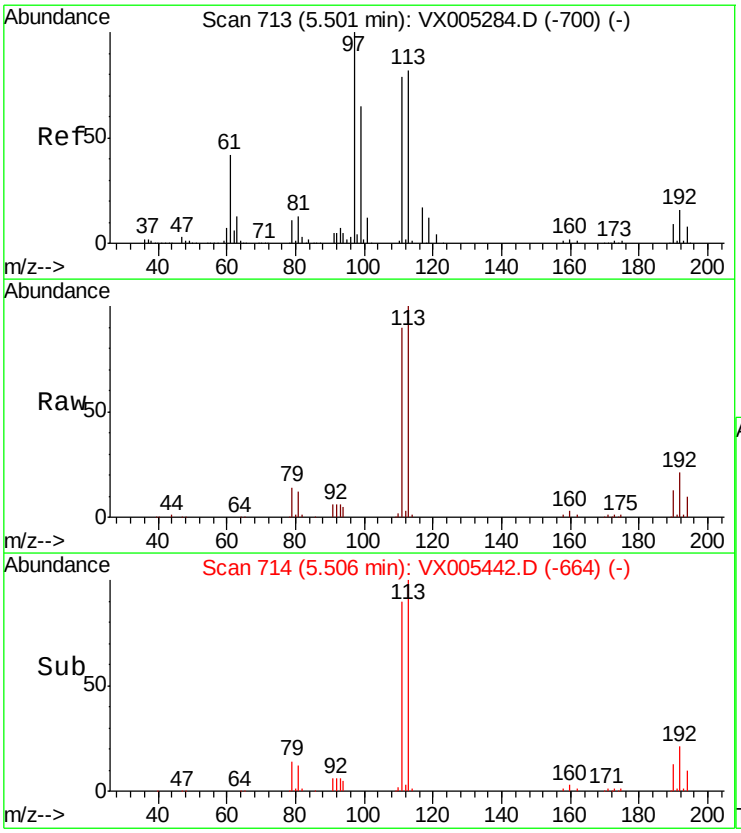
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion:114 Resp: 436001

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	14.7	0.0	30.4

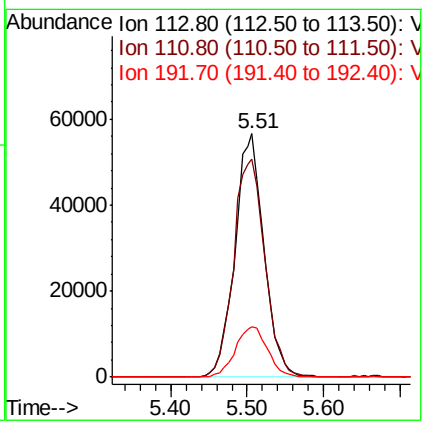


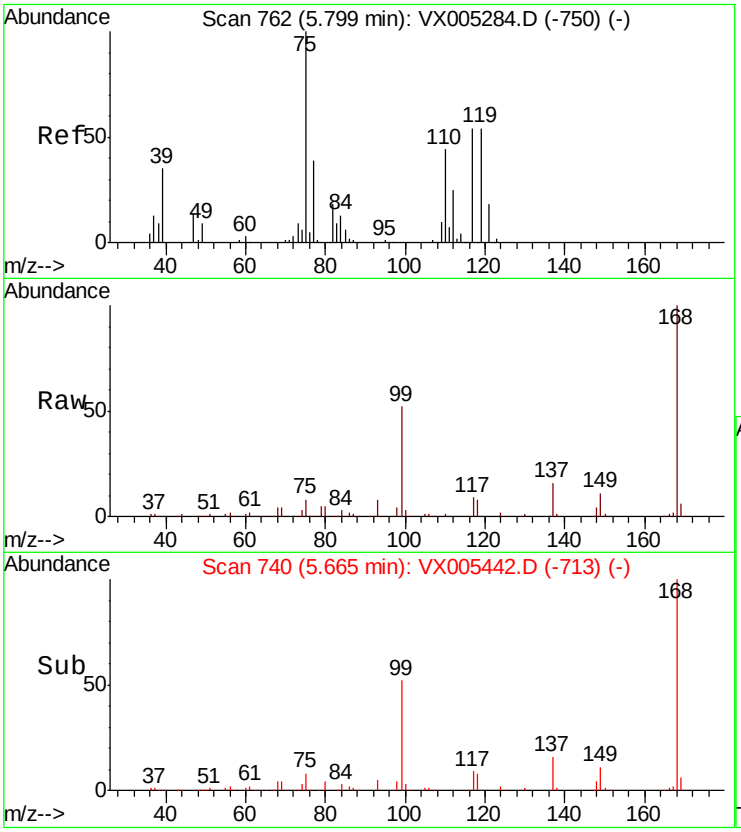


#35
Dibromofluoromethane
Concen: 51.521 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion:113 Resp: 148778

Ion	Ratio	Lower	Upper
113	100		
111	97.0	82.4	123.6
192	22.8	19.4	29.2



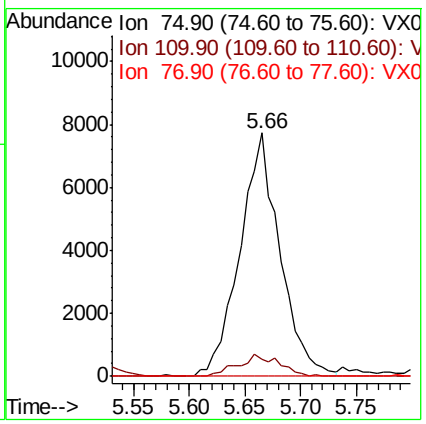


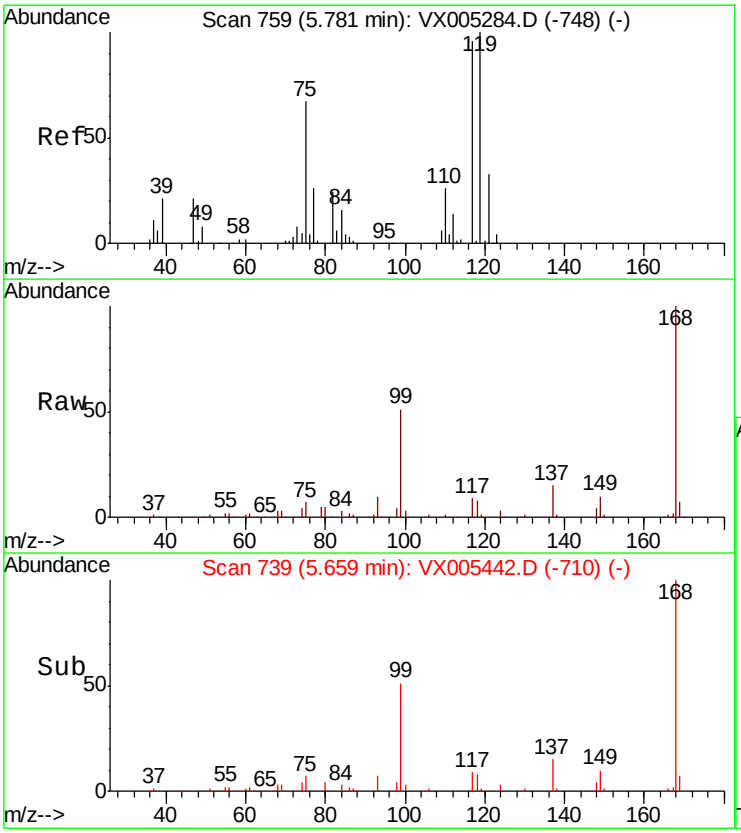
#36
1,1-Dichloropropene
Concen: 4.588 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion: 75 Resp: 19375

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.0	54.0#
77	0.0	24.6	36.8#

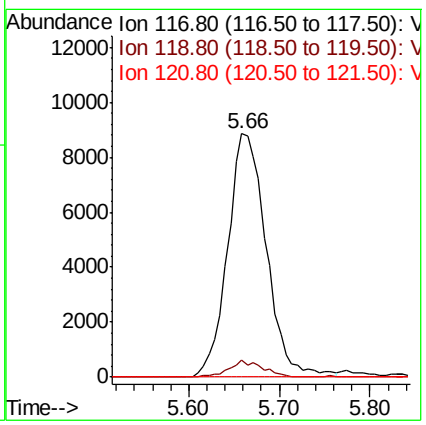


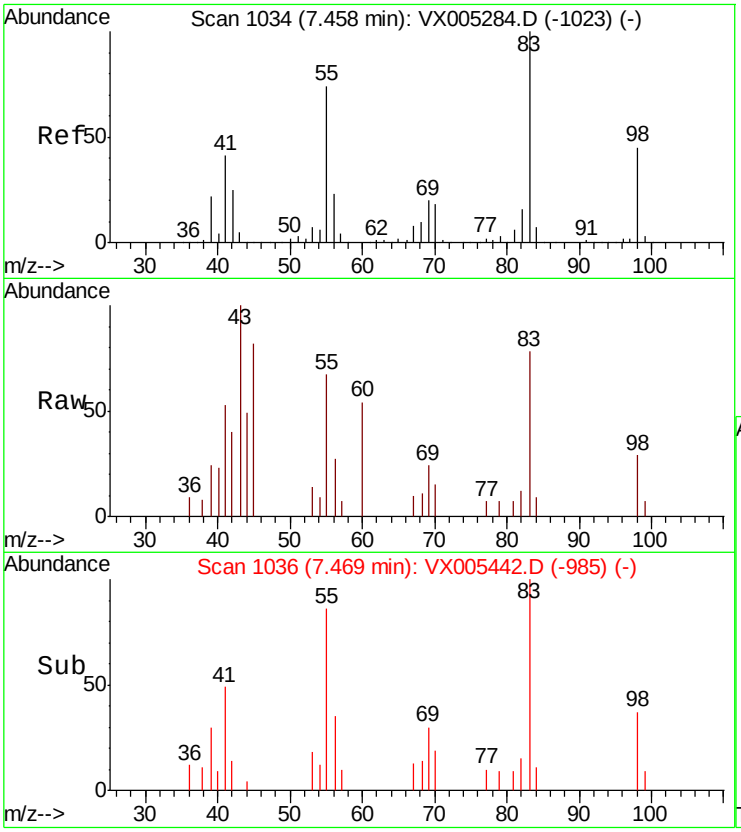


#38
Carbon Tetrachloride
Concen: 6.163 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion:117 Resp: 26148

Ion	Ratio	Lower	Upper
117	100		
119	6.8	78.8	118.2#
121	0.0	24.9	37.3#



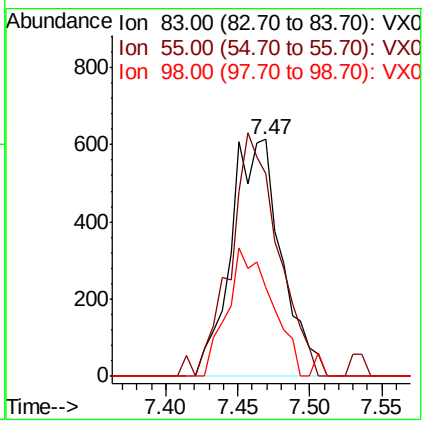


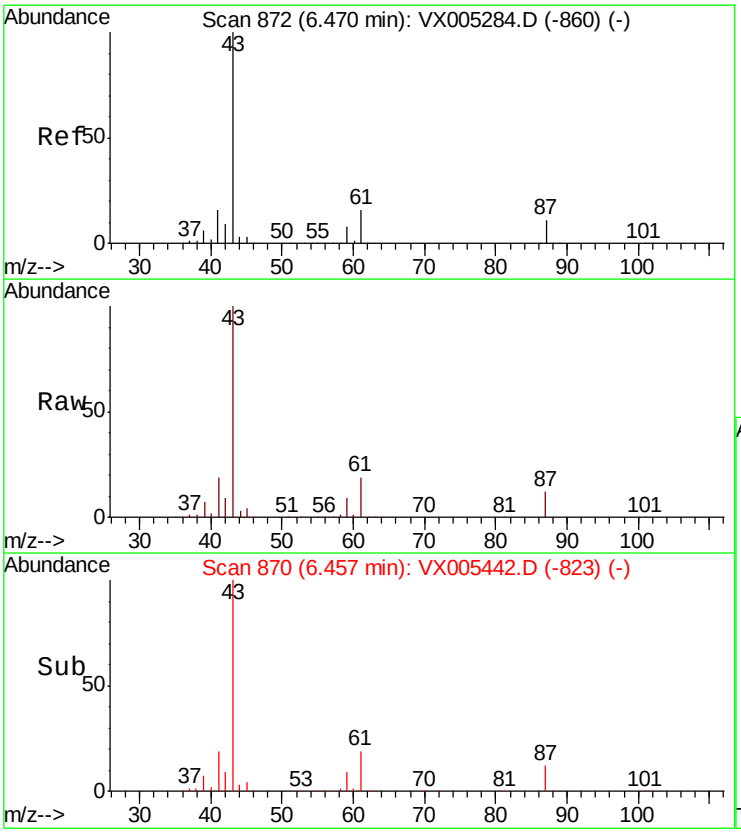
#39
Methylcyclohexane
Concen: 0.328 ug/l
RT: 7.47 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion: 83 Resp: 1500

Ion	Ratio	Lower	Upper
83	100		
55	85.5	61.0	91.4
98	37.3	39.6	59.4#

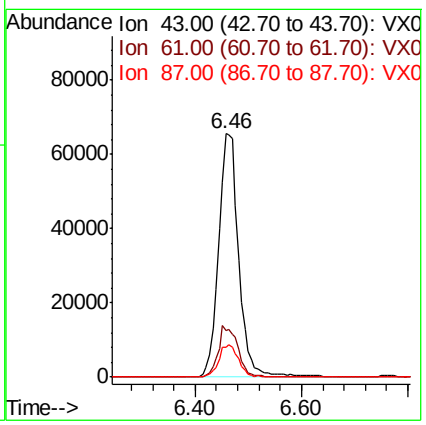


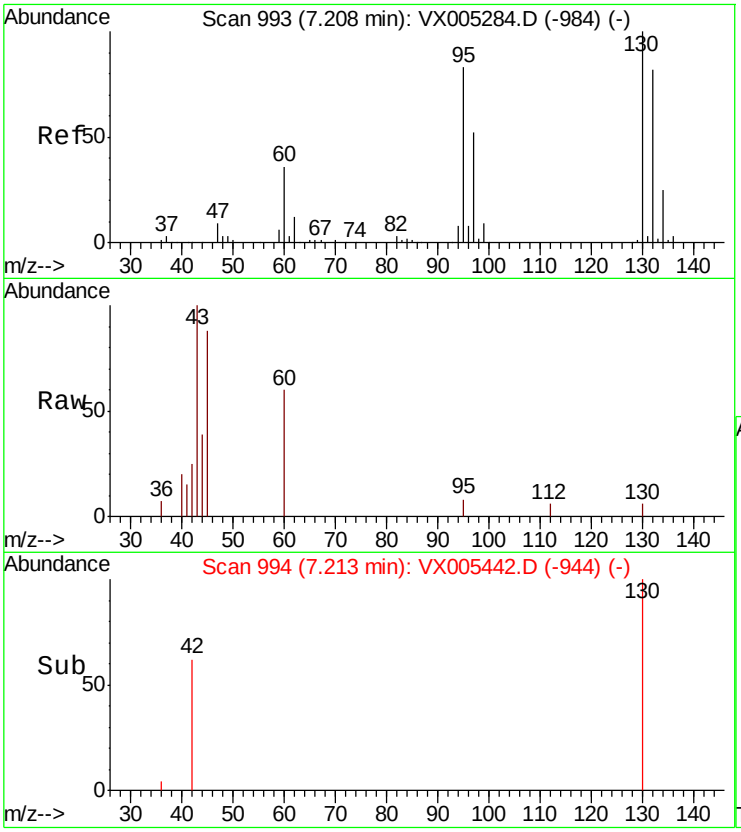


#43
Isopropyl Acetate
Concen: 24.057 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion: 43 Resp: 174021

Ion	Ratio	Lower	Upper
43	100		
61	20.5	17.0	25.4
87	13.1	11.4	17.2



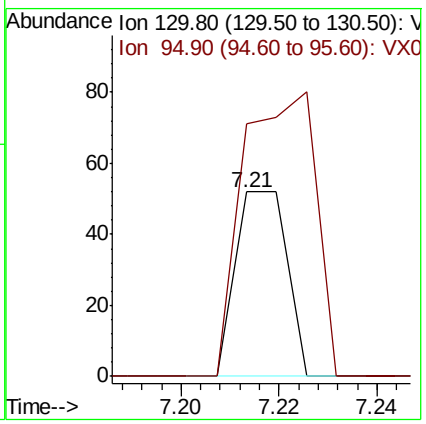


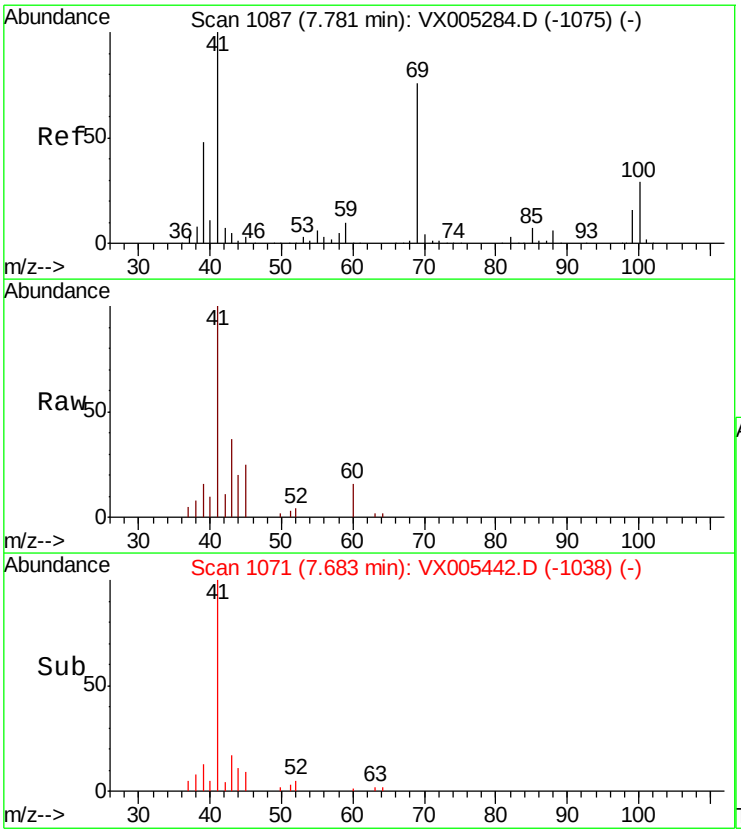
#44
Trichloroethene
Concen: Below Cal
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion:130 Resp: 38

Ion	Ratio	Lower	Upper
130	100		
95	136.5	0.0	181.6

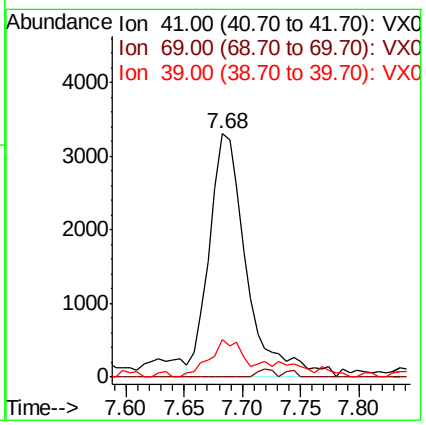


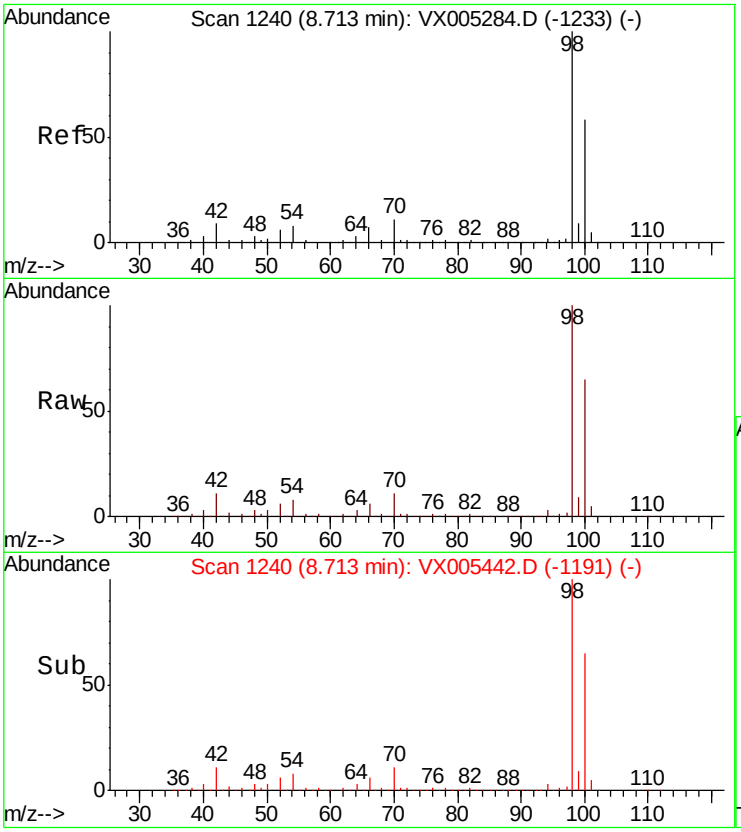


#48
Methyl methacrylate
Concen: 1.953 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.10 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion: 41 Resp: 7328

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	14.3	42.7	64.1#



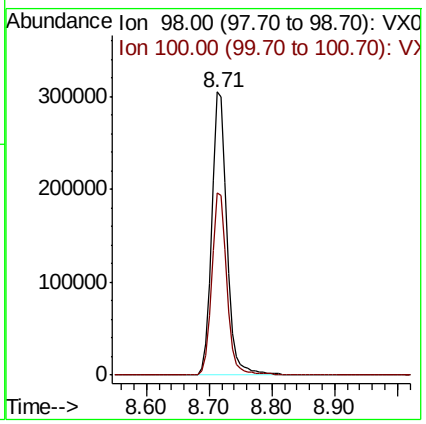


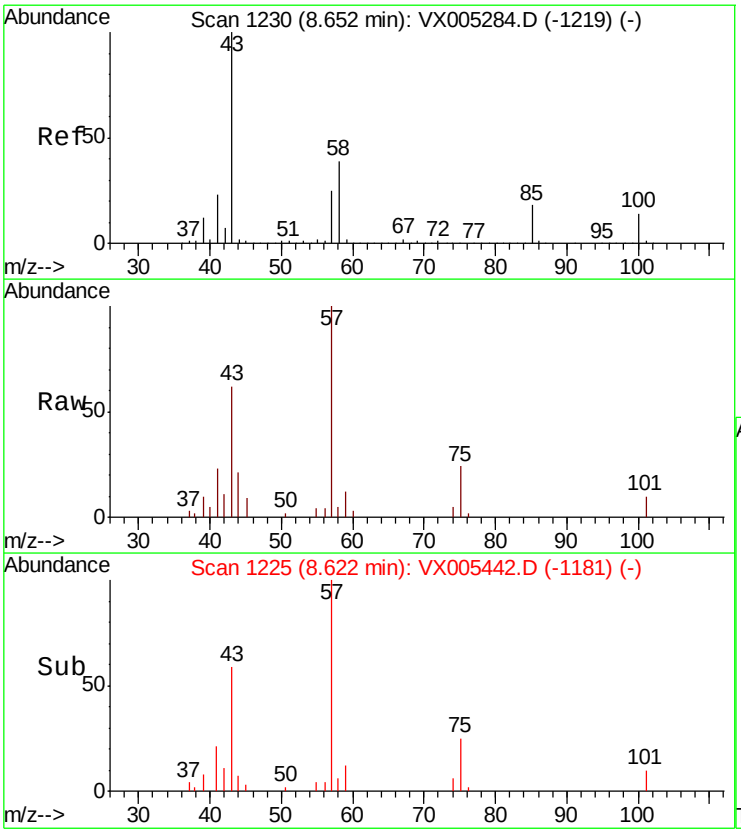
#50
Toluene-d8
Concen: 51.413 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion: 98 Resp: 509703

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.9	79.3

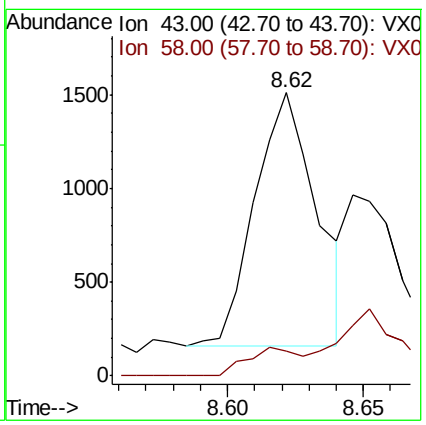


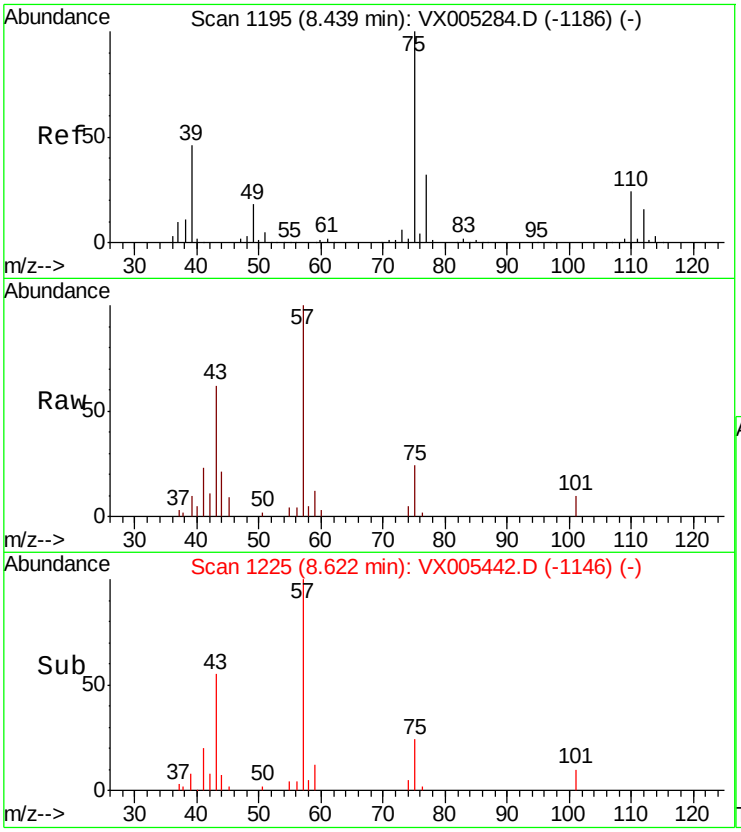


#51
4-Methyl-2-Pentanone
Concen: 0.425 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion: 43 Resp: 2131

Ion	Ratio	Lower	Upper
43	100		
58	9.5	33.1	49.7#



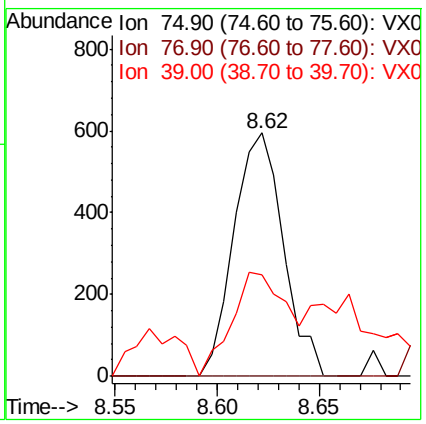


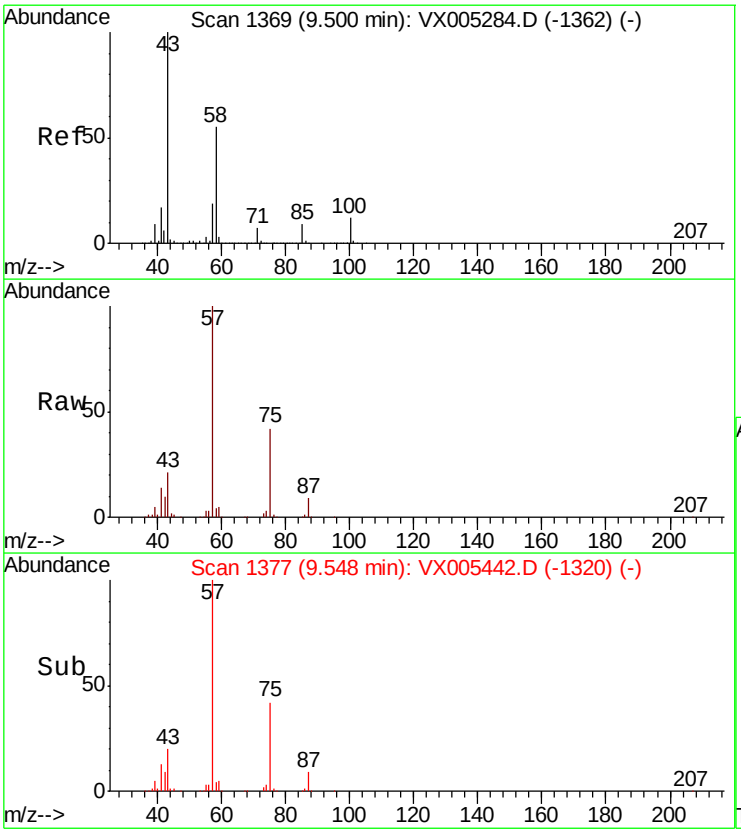
#54
cis-1,3-Dichloropropene
Concen: 0.225 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion: 75 Resp: 1003

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	28.9	36.4	54.6#

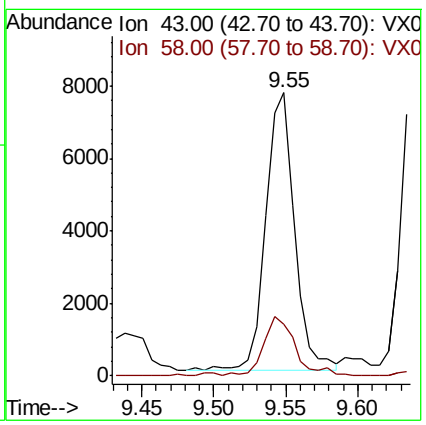


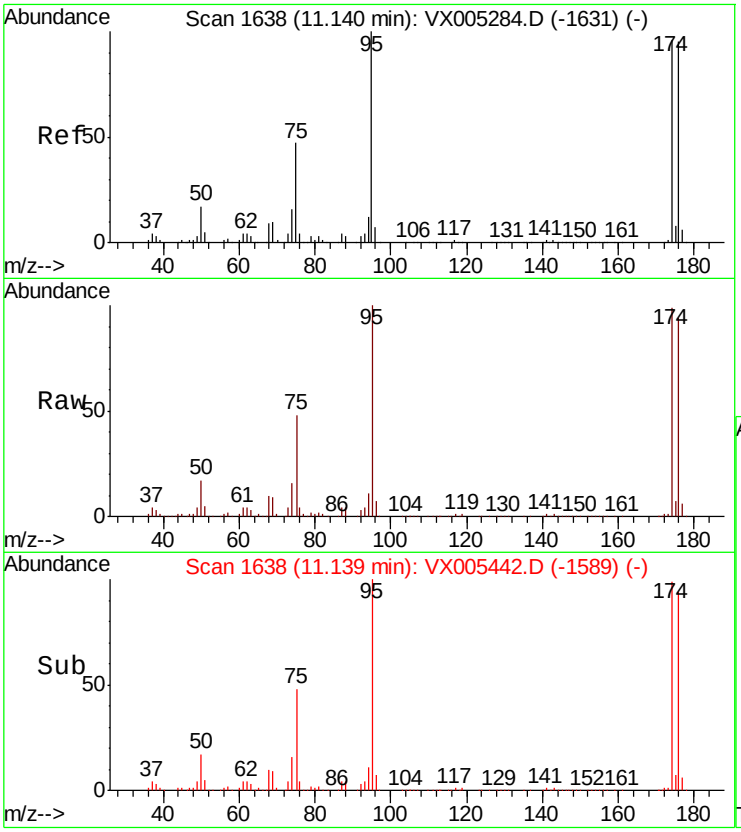


#59
2-Hexanone
Concen: 2.646 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion: 43 Resp: 10663

Ion	Ratio	Lower	Upper
43	100		
58	23.6	29.0	87.0#



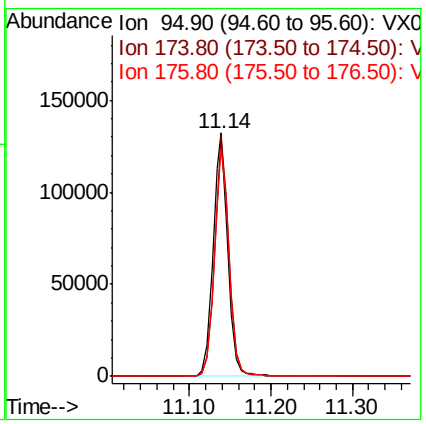


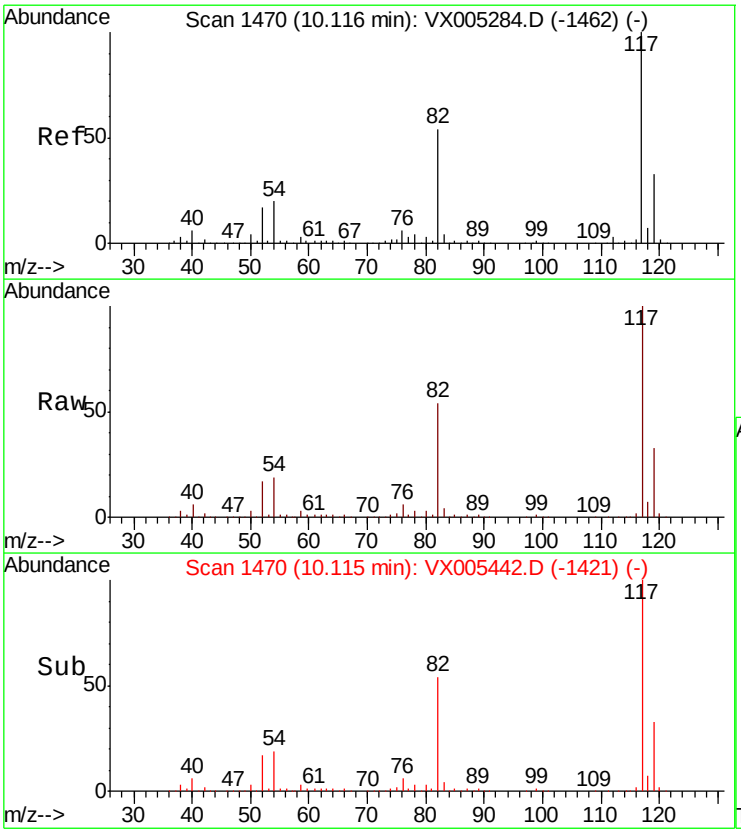
#62
4-Bromofluorobenzene
Concen: 45.407 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion: 95 Resp: 169108

Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	185.2
176	92.8	0.0	178.6

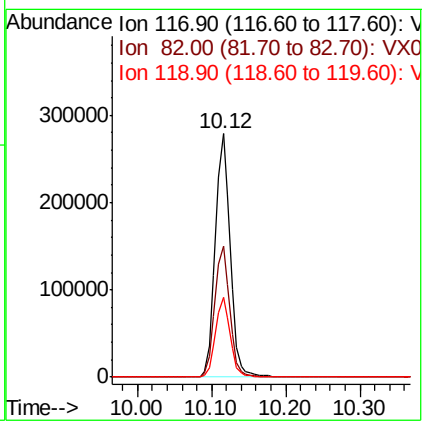


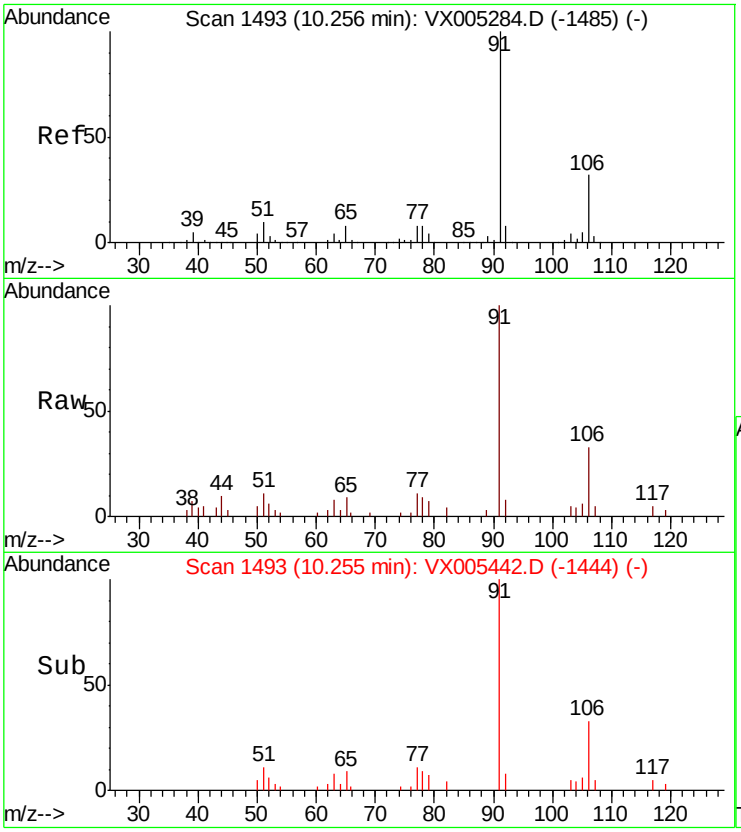


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion:117 Resp: 384119

Ion	Ratio	Lower	Upper
117	100		
82	53.5	47.8	71.6
119	32.6	29.3	43.9



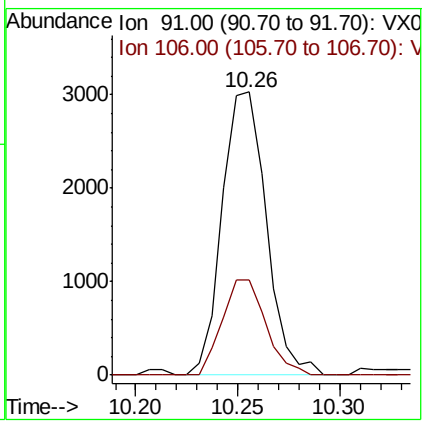


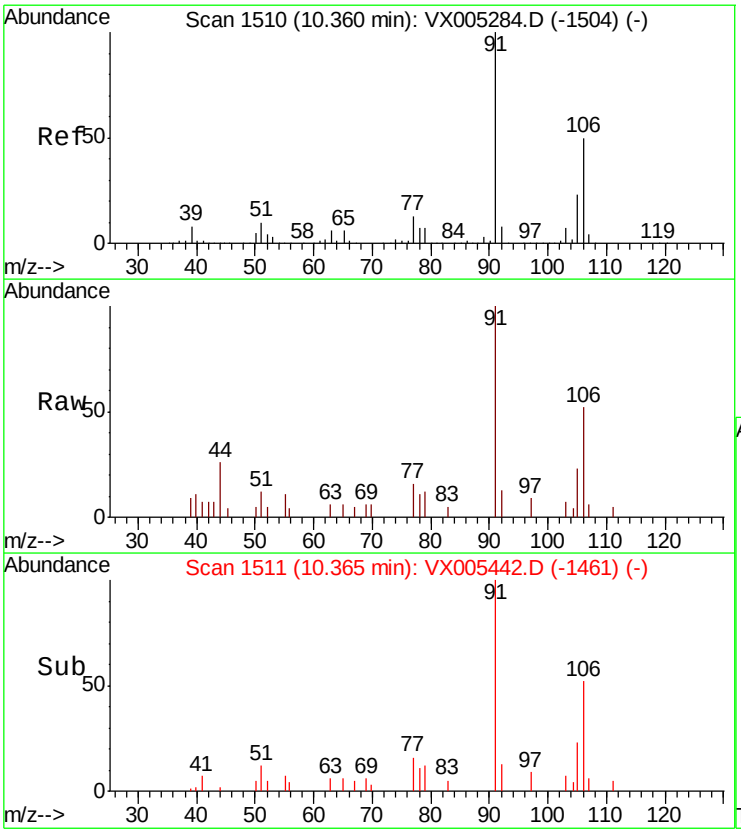
#67
Ethyl Benzene
Concen: 0.343 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument : MSVOA_X
ClientSampleId : SU-03-101718-B

Tgt Ion: 91 Resp: 4552

Ion	Ratio	Lower	Upper
91	100		
106	33.5	25.9	38.9

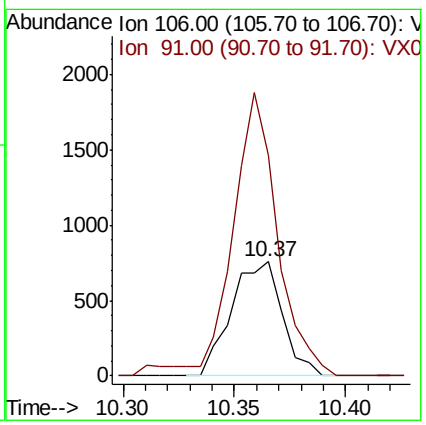


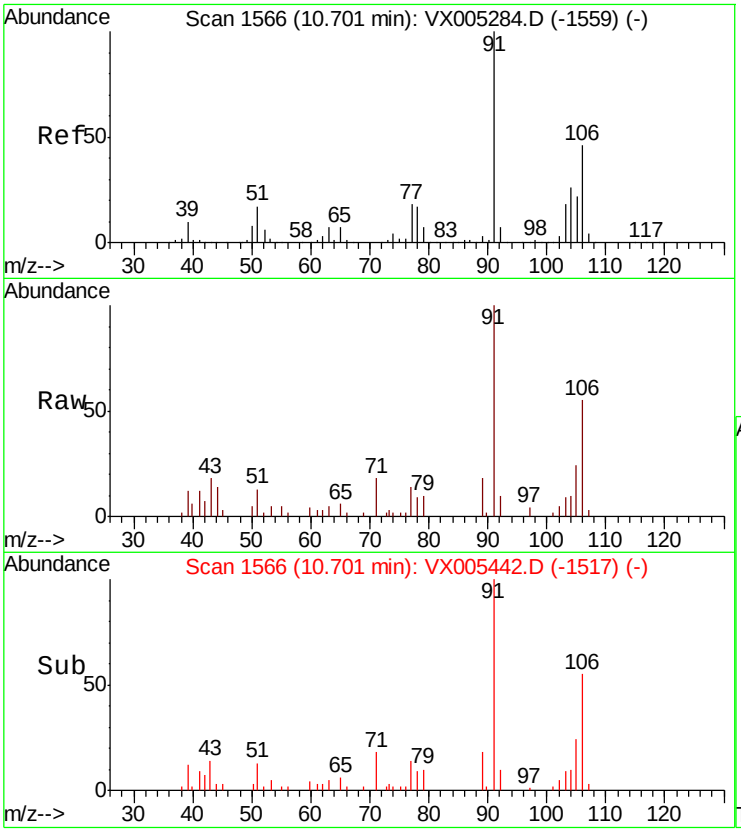


#68
m/p-Xylenes
Concen: 0.234 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion:106 Resp: 1208

Ion	Ratio	Lower	Upper
106	100		
91	213.0	157.1	235.7



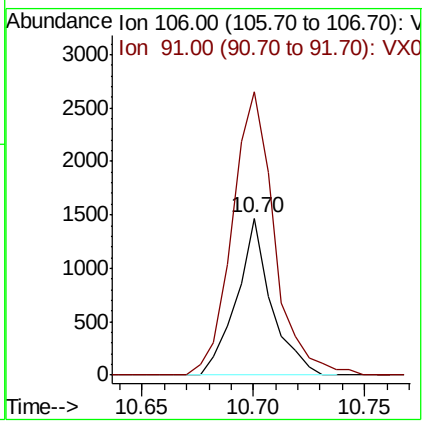


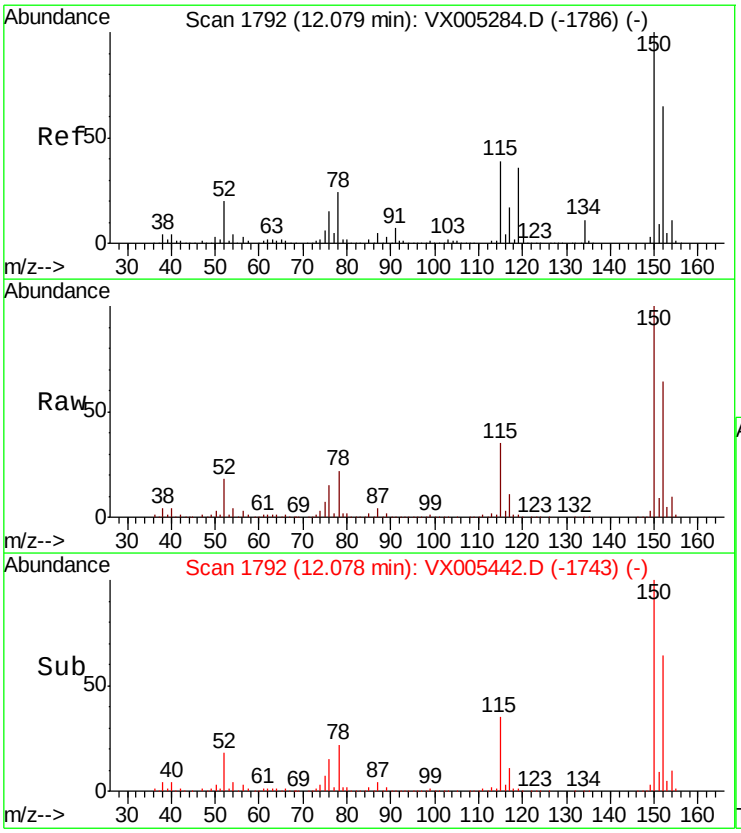
#69
o-Xylene
Concen: 0.322 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion:106 Resp: 1600

Ion	Ratio	Lower	Upper
106	100		
91	219.2	105.1	315.1

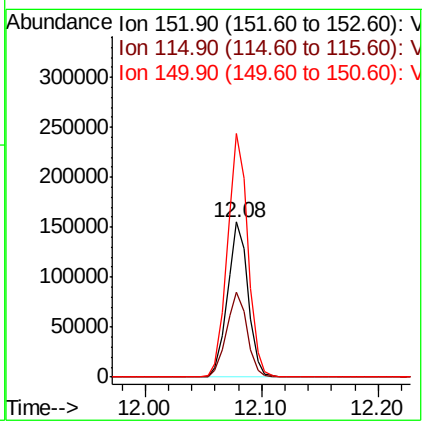


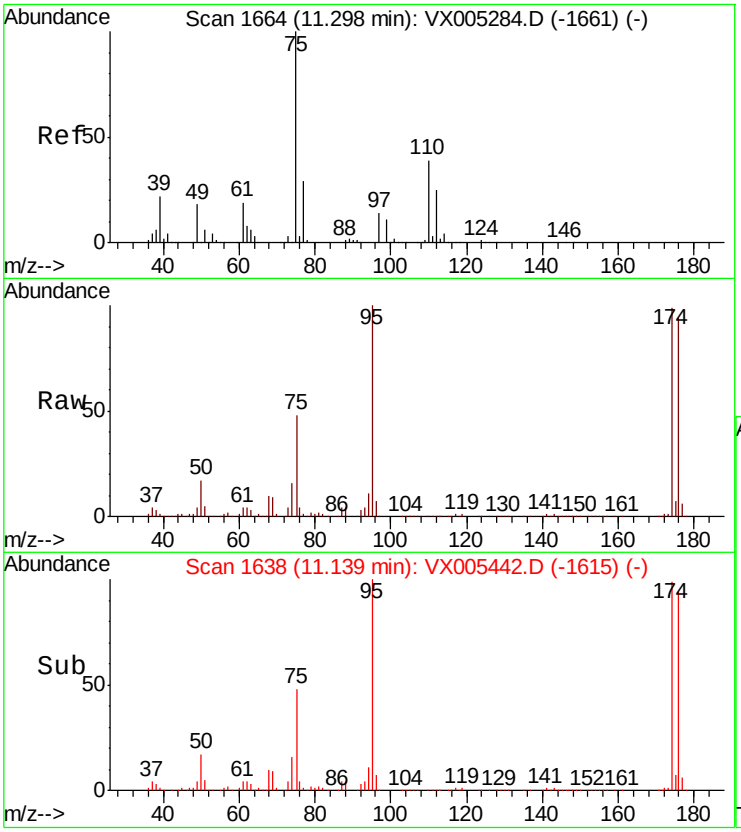


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion:152 Resp: 189758

Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.0	117.0
150	156.7	0.0	351.0



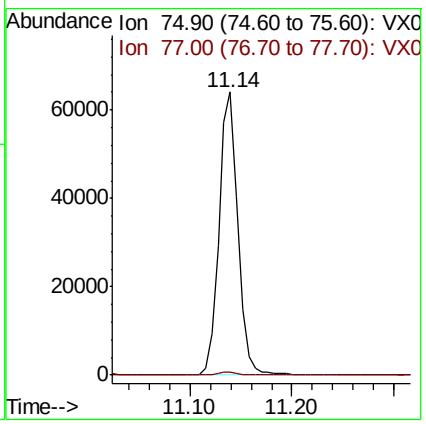


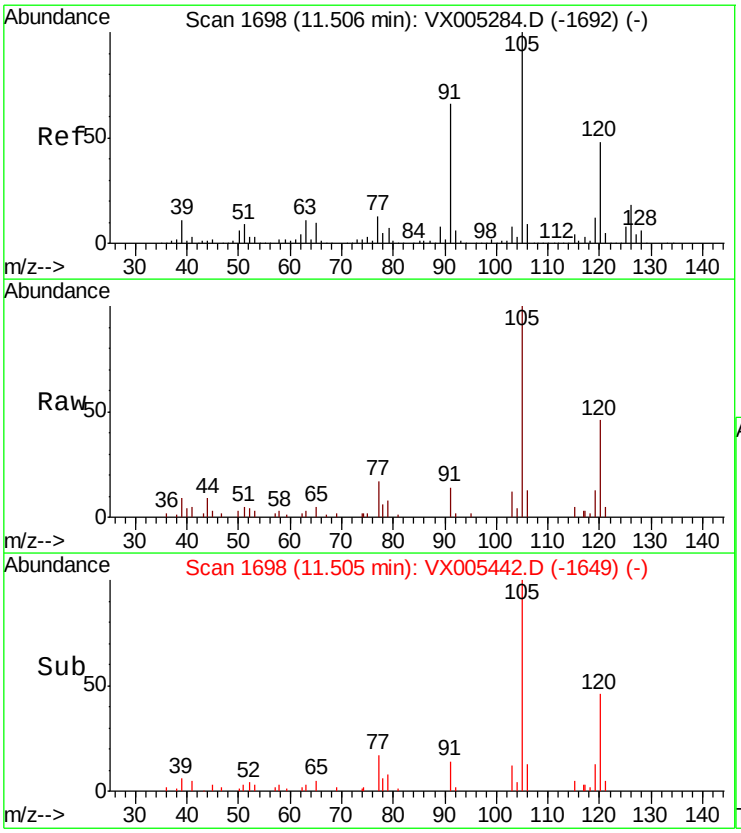
#76
1,2,3-Trichloropropane
Concen: 22.431 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion: 75 Resp: 82564

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.2	60.6#

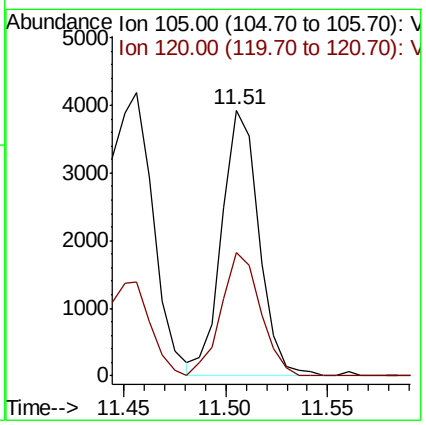


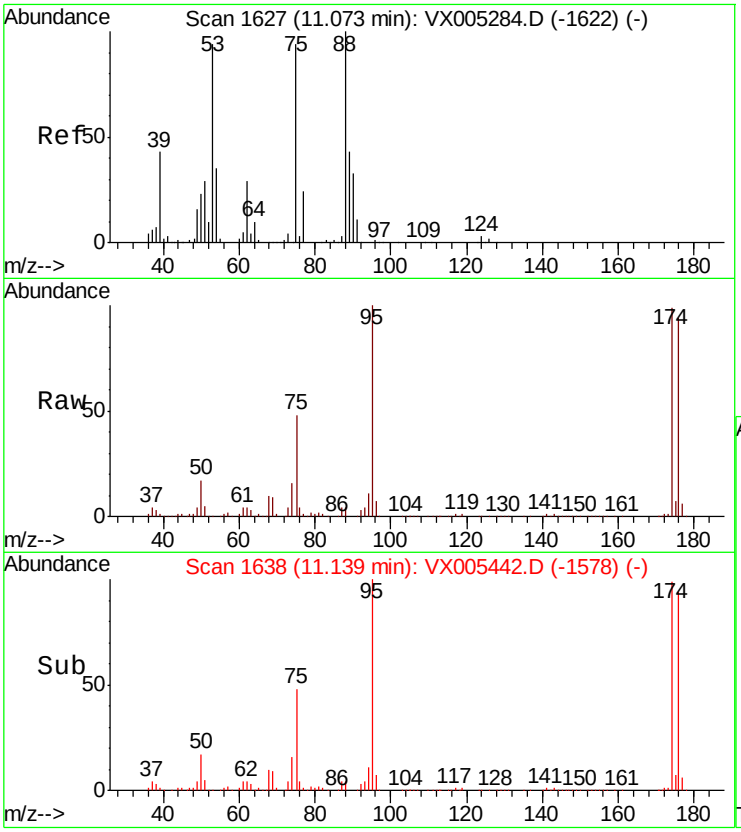


#80
1,3,5-Trimethylbenzene
Concen: 0.513 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion:105 Resp: 4953

Ion	Ratio	Lower	Upper
105	100		
120	49.1	25.6	76.8



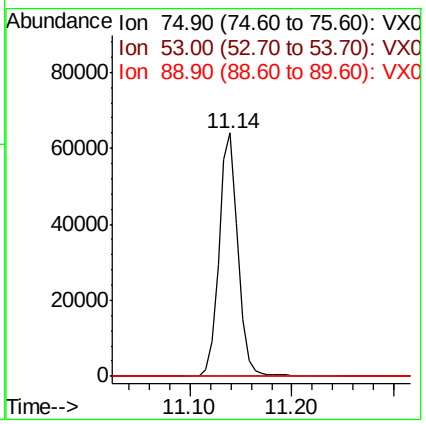


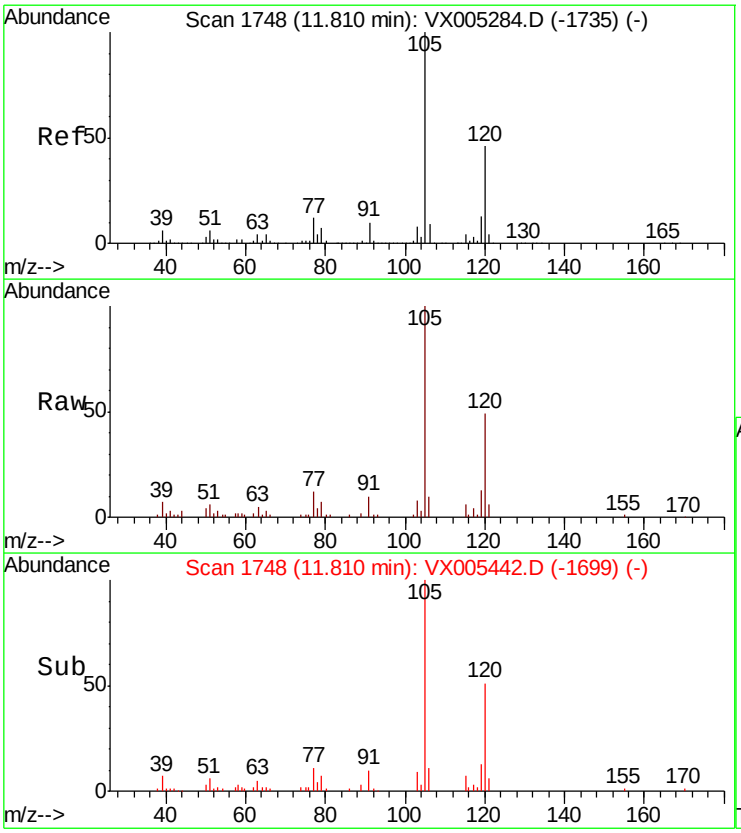
#81
trans-1,4-Dichloro-2-butene
Concen: 68.157 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion: 75 Resp: 82564

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.1	120.1#
89	0.0	37.2	55.8#

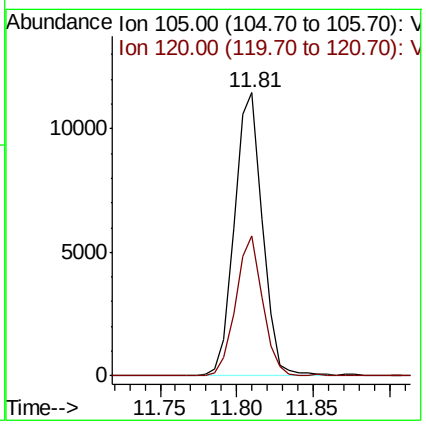


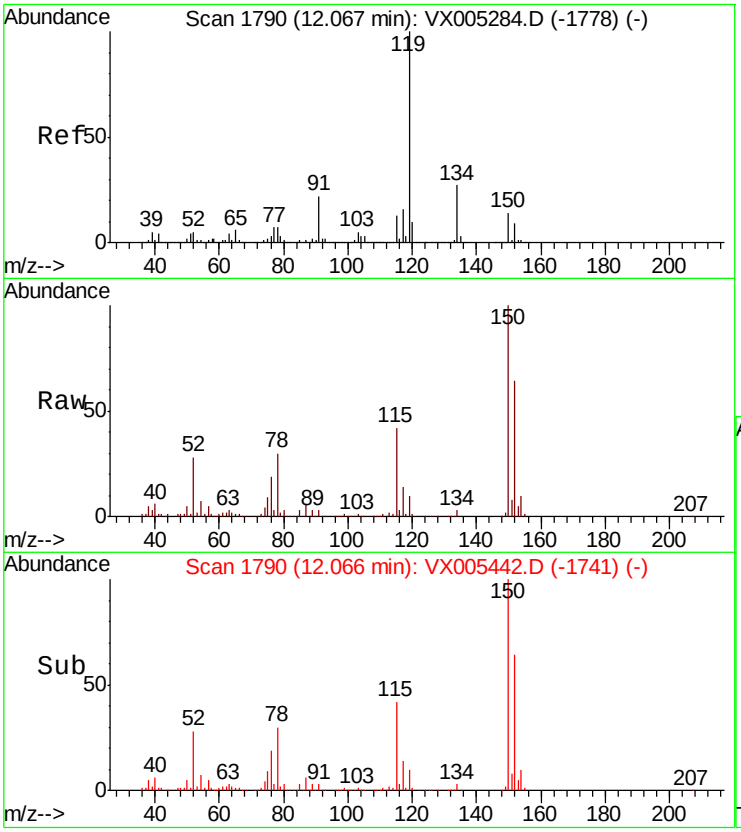


#84
1,2,4-Trimethylbenzene
Concen: 1.463 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion:105 Resp: 14541

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.2	69.6



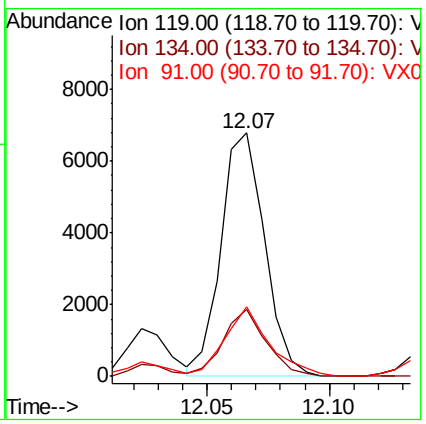


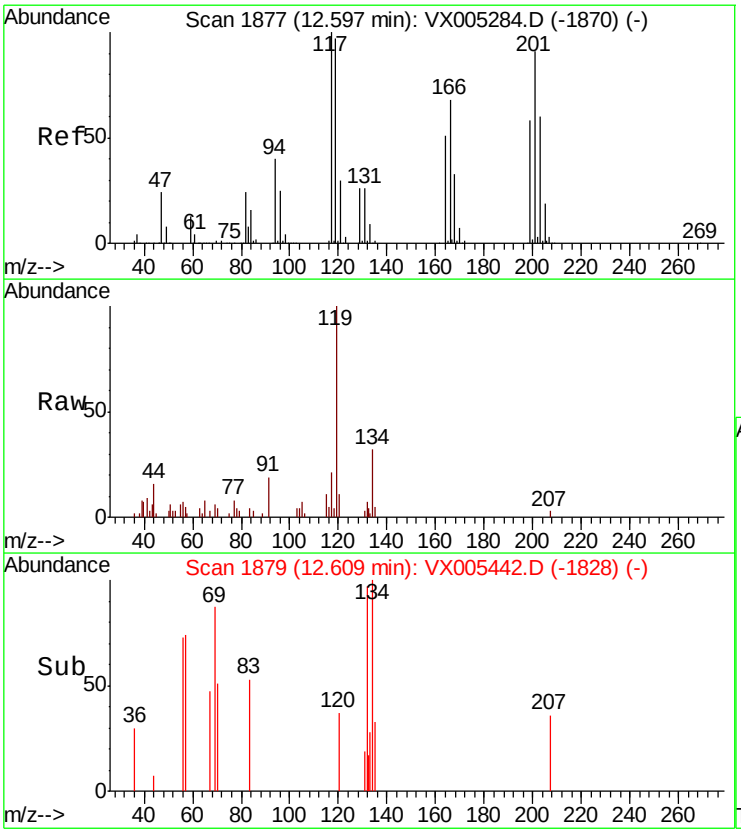
#86
p-Isopropyltoluene
Concen: 0.805 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion:119 Resp: 8425

Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.4	40.2
91	29.2	10.9	32.7

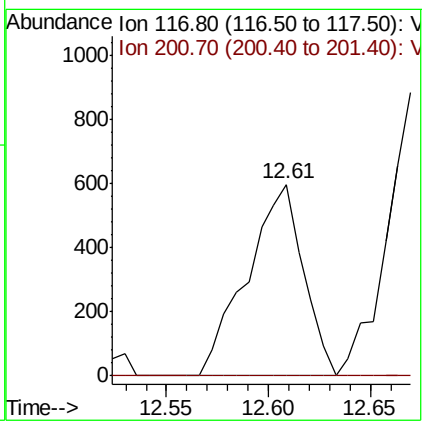


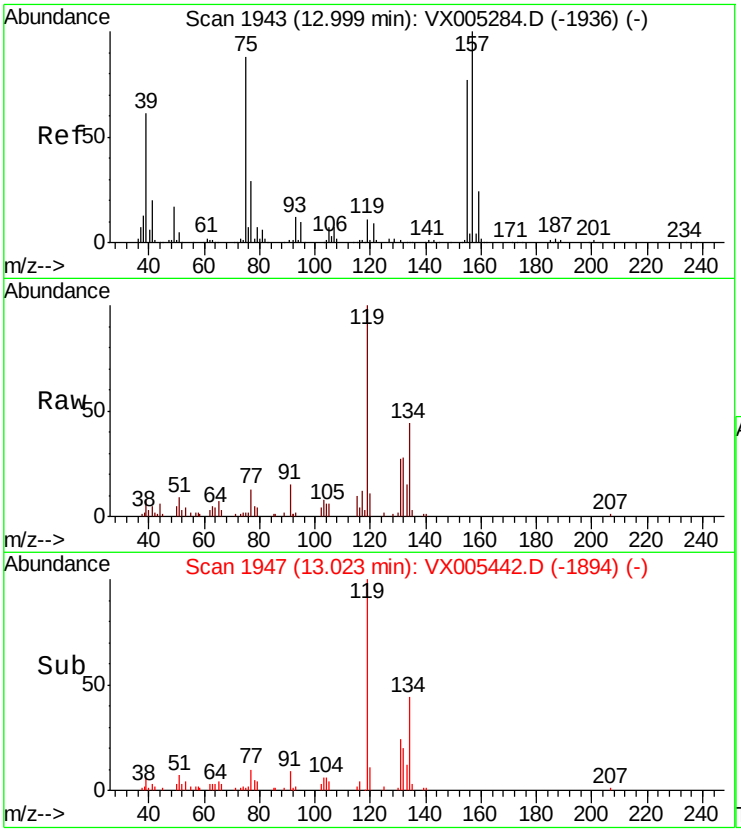


#90
Hexachloroethane
Concen: 0.639 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion:117 Resp: 1152

Ion	Ratio	Lower	Upper
117	100		
201	0.0	46.9	140.6#



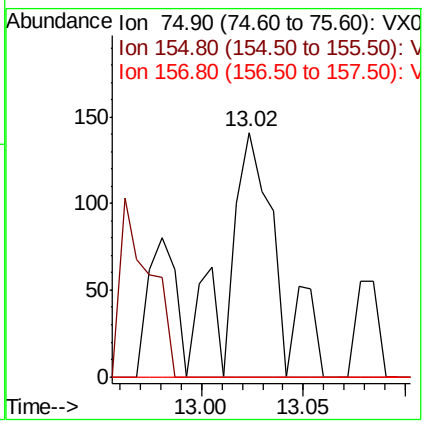


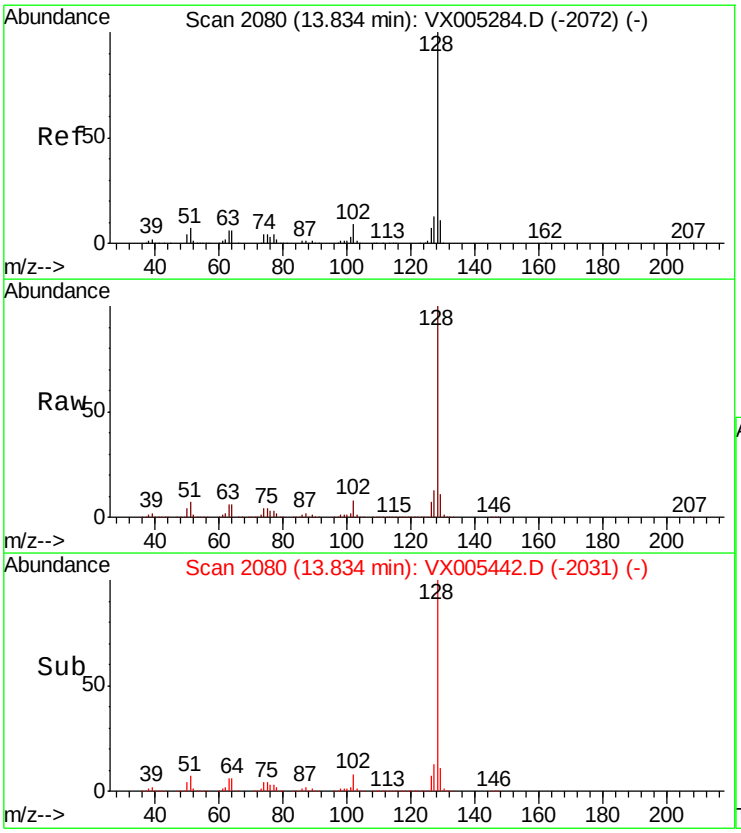
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.234 ug/l
RT: 13.02 min Scan# 1947
Delta R.T. 0.02 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-B

Tgt Ion: 75 Resp: 243

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.0	144.2#
157	0.0	61.4	184.1#





#95
Naphthalene
Concen: 142.249 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion:128 Resp: 1861554

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.1	8.6	12.8