Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
Data File : VX004666.D
Acq On : 18 Sep 2018 18:56
Operator : JC/MD
Sample : J4944-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RB48377RT

Quant Time: Sep 19 02:39:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	356494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190291	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	141017	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.04%			
35) Dibromofluoromethane	5.51	113	136460	41.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.66%			
50) Toluene-d8	8.71	98	488291	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.26%			
62) 4-Bromofluorobenzene	11.14	95	178043	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.18%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	641	0.214	ug/l #	74
5) Bromomethane	1.66	94	542	Below Cal	#	55
10) Methyl Iodide	2.51	142	135	4.296	ug/l #	41
11) Tert butyl alcohol	3.07	59	1820	2.543	ug/l #	84
16) Acetone	2.45	43	29524	20.172	ug/l	99
18) Methyl Acetate	2.78	43	5936	1.446	ug/l	97
20) Methylene Chloride	2.85	84	18245	6.077	ug/l	97
25) 2-Butanone	4.71	43	7302	3.135	ug/l	95
28) Bromochloromethane	5.21	49	842	0.362	ug/l #	9
29) Tetrahydrofuran	5.17	42	1838	1.308	ug/l	91
30) Chloroform	5.21	83	11017	2.221	ug/l	97
36) 1,1-Dichloropropene	5.67	75	14110	3.260	ug/l #	50
37) Ethyl Acetate	4.71	43	7302	1.483	ug/l #	67
38) Carbon Tetrachloride	5.66	117	19771	4.677	ug/l #	15
40) Benzene	6.15	78	5546	0.432	ug/l #	88
41) Methacrylonitrile	5.17	41	1202	0.443	ug/l #	37
43) Isopropyl Acetate	6.46	43	157853	24.144	ug/l	100
47) Bromodichloromethane	7.90	83	2315	0.627	ug/l #	86
48) Methyl methacrylate	7.69	41	5711	1.765	ug/l #	19
51) 4-Methyl-2-Pentanone	8.65	43	2167	0.470	ug/l #	85
52) Toluene	8.79	92	1979	0.262	ug/l	94
54) cis-1,3-Dichloropropene	8.62	75	1254	0.285	ug/l #	65
68) m/p-Xylenes	10.35	106	1505	0.290	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	81709	21.342	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	81709	68.028	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	2401	0.223	ug/l	94
95) Naphthalene	13.83	128	148200	11.408	ug/l	99

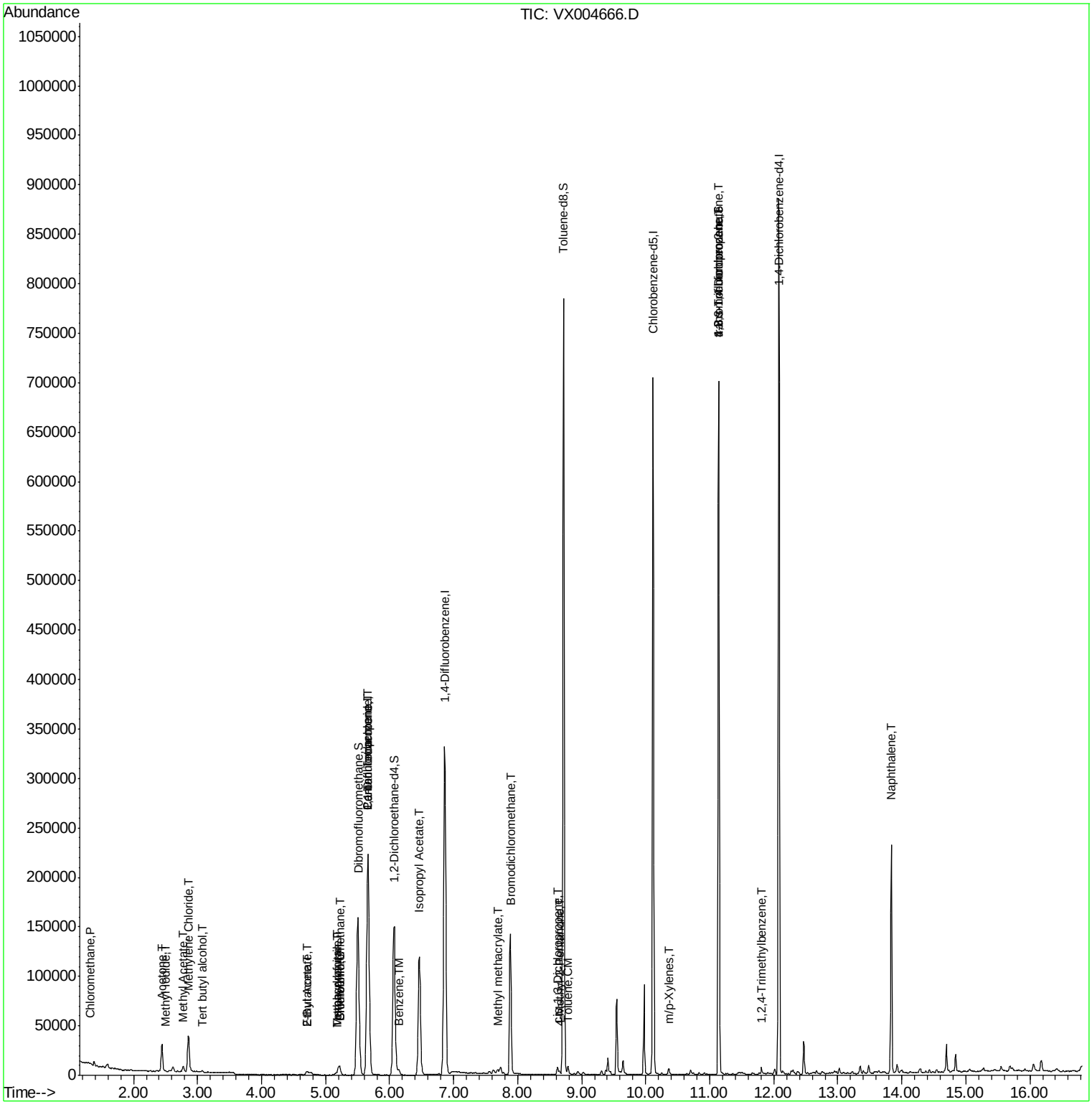
(#) = qualifier out of range (m) = manual integration (+) = signals summed

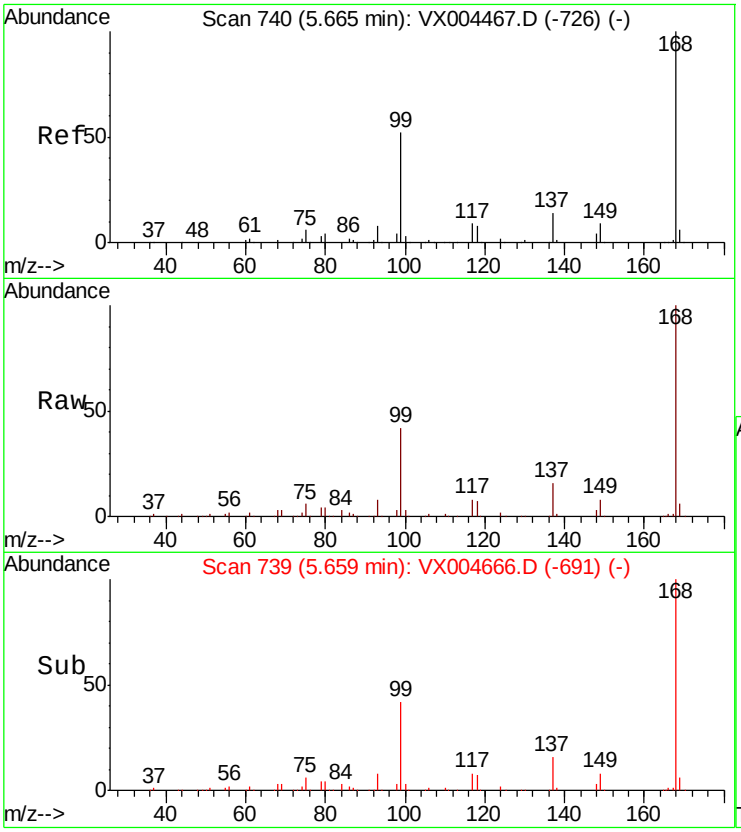
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
Data File : VX004666.D
Acq On : 18 Sep 2018 18:56
Operator : JC/MD
Sample : J4944-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Quant Time: Sep 19 02:39:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration



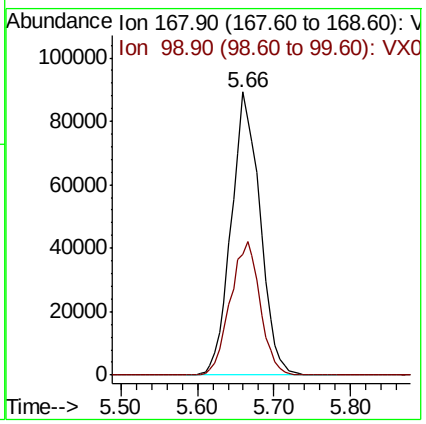


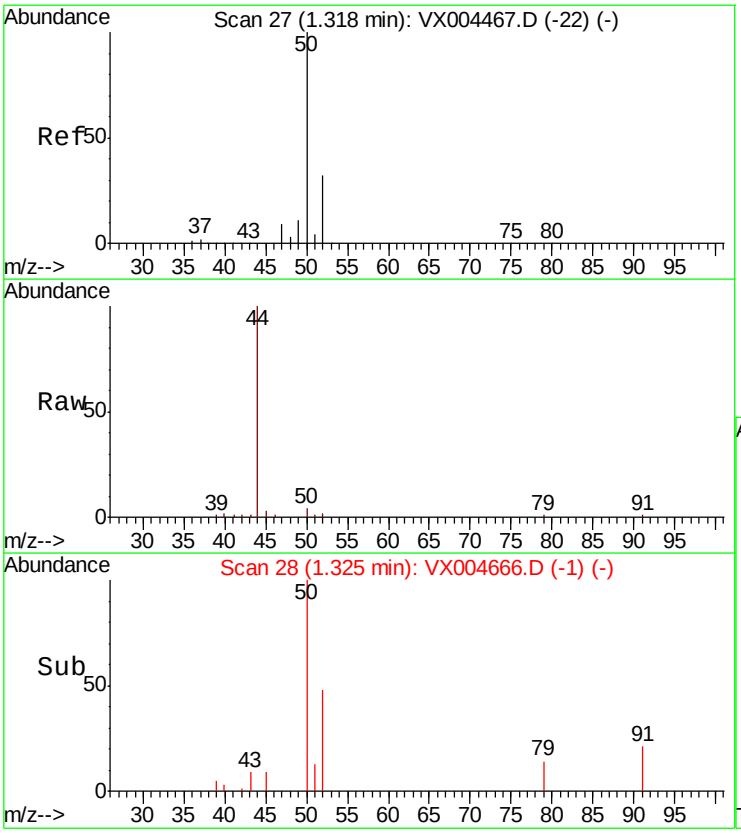
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion:168 Resp: 232571

Ion	Ratio	Lower	Upper
168	100		
99	42.5	39.9	59.9

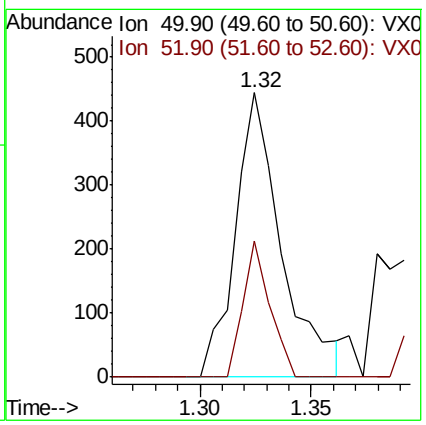


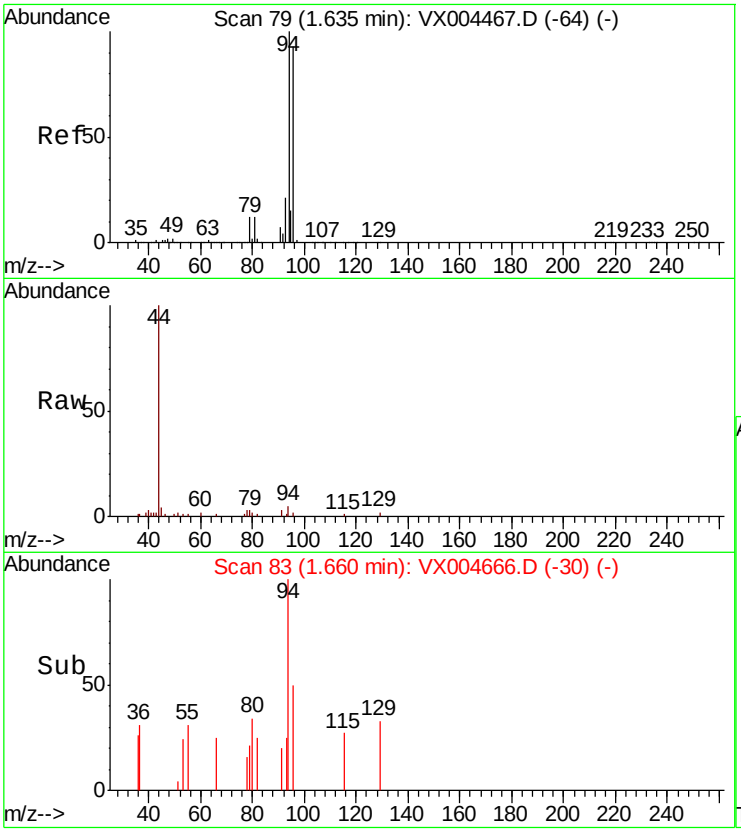


#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.01 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 50 Resp: 641

Ion	Ratio	Lower	Upper
50	100		
52	47.5	26.2	39.2#



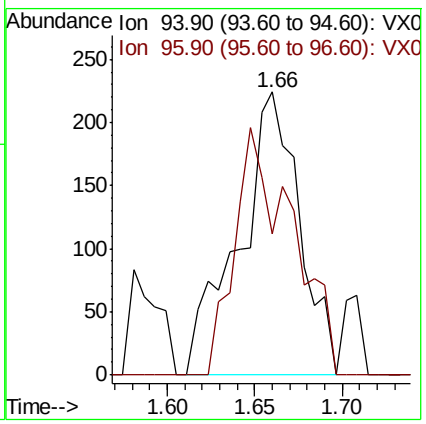


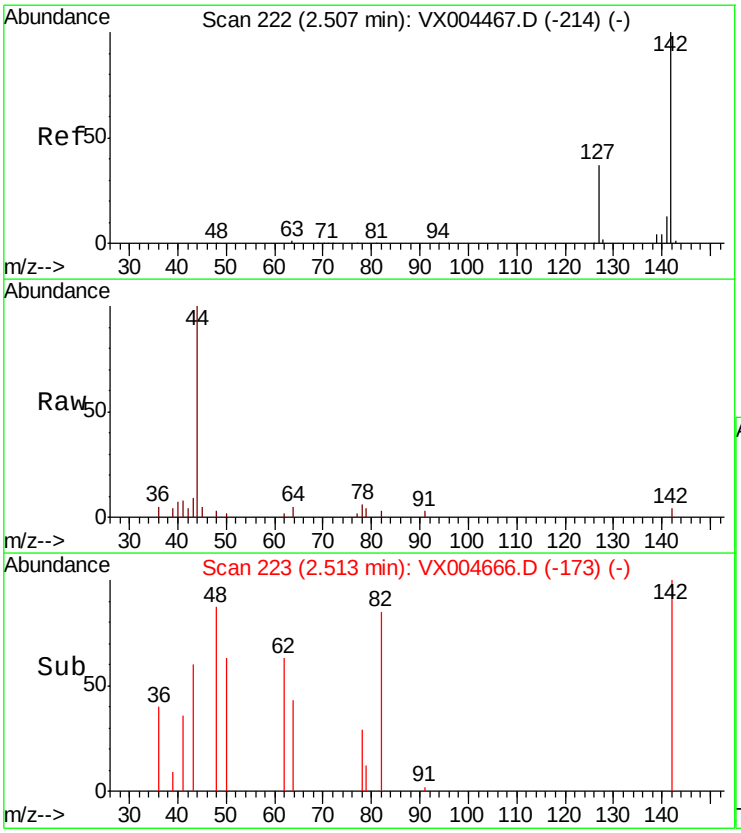
#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 83
Delta R.T. 0.02 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion: 94 Resp: 542

Ion	Ratio	Lower	Upper
94	100		
96	50.0	74.5	111.7#

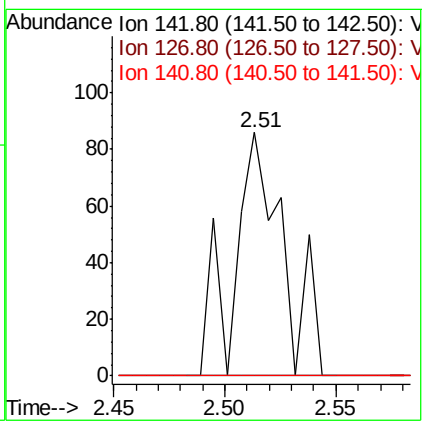


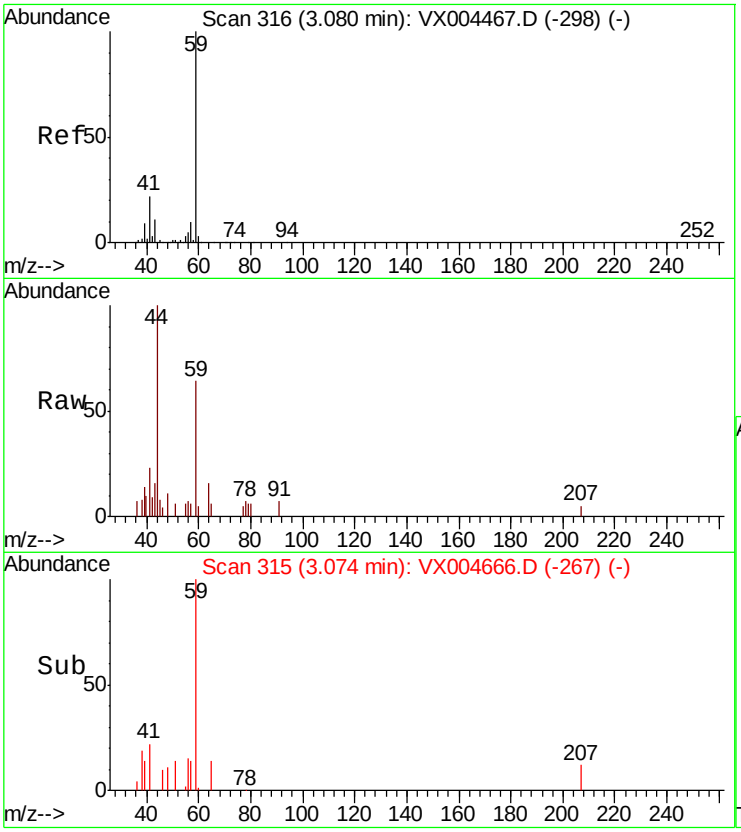


#10
Methyl Iodide
Concen: 4.296 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion:142 Resp: 135

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



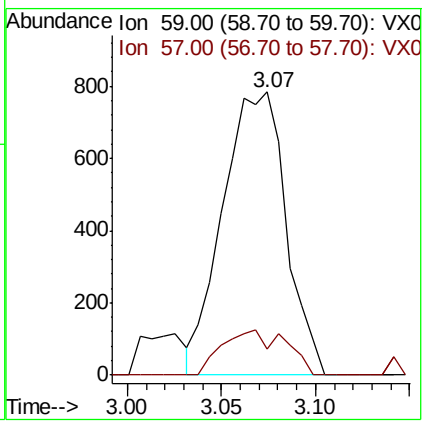


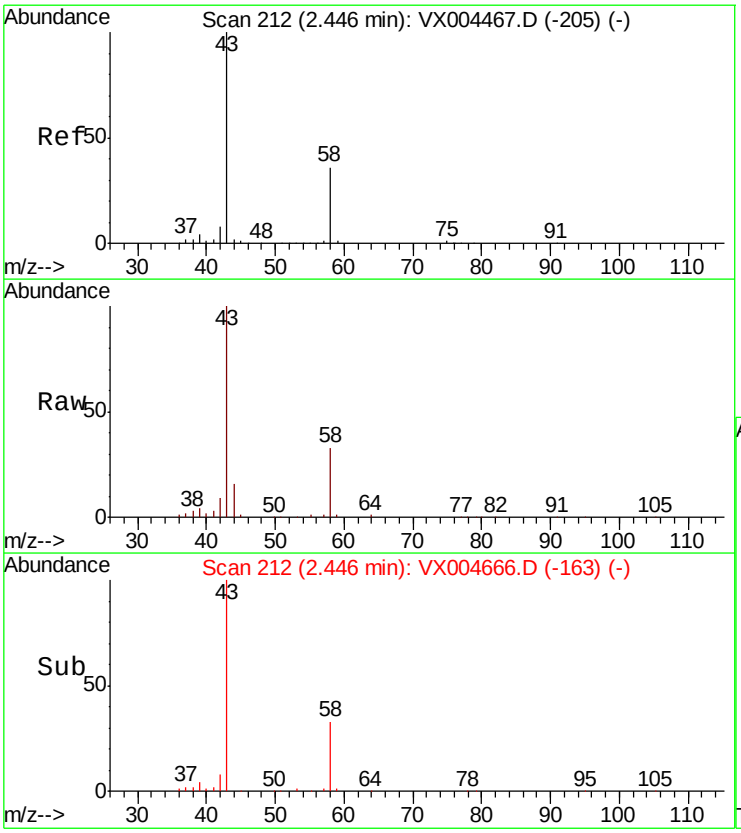
#11
Tert butyl alcohol
Concen: 2.543 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion: 59 Resp: 1820

Ion	Ratio	Lower	Upper
59	100		
57	16.1	8.2	12.4#

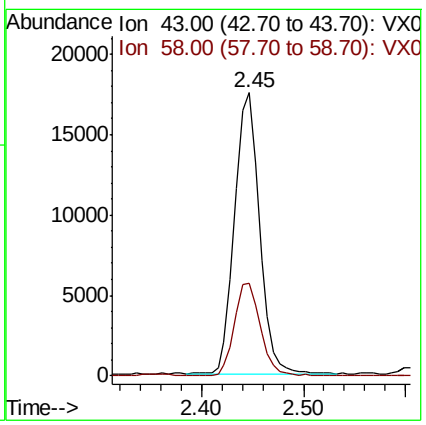


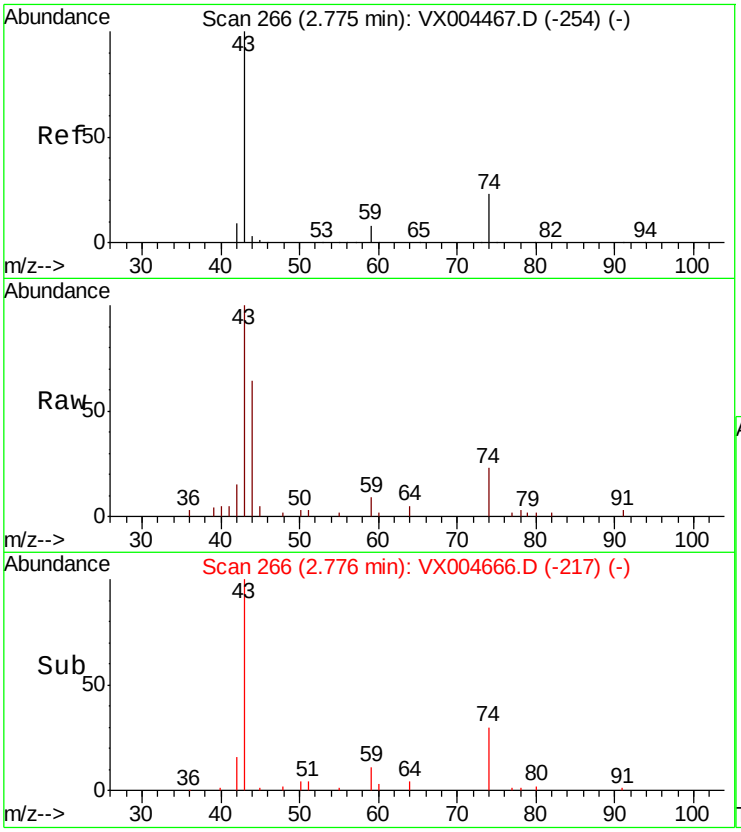


#16
Acetone
Concen: 20.172 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 43 Resp: 29524

Ion	Ratio	Lower	Upper
43	100		
58	33.2	26.2	39.4



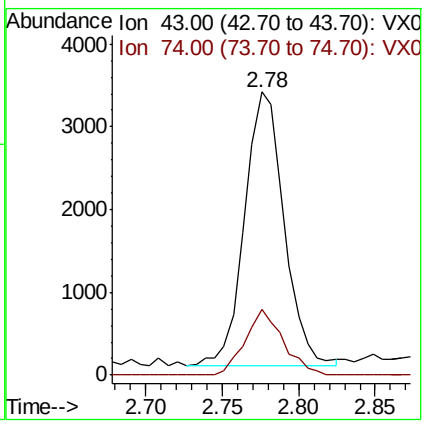


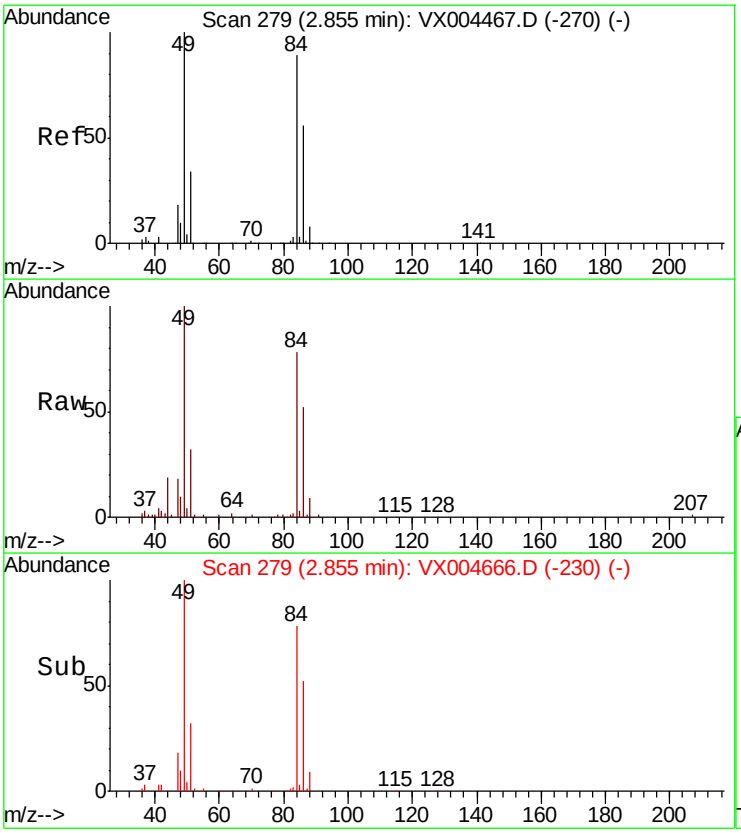
#18
Methyl Acetate
Concen: 1.446 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion: 43 Resp: 5936

Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.4	29.2

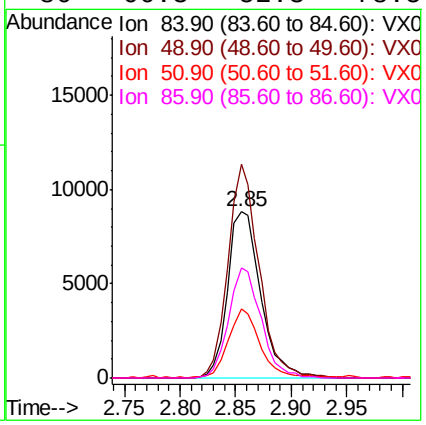


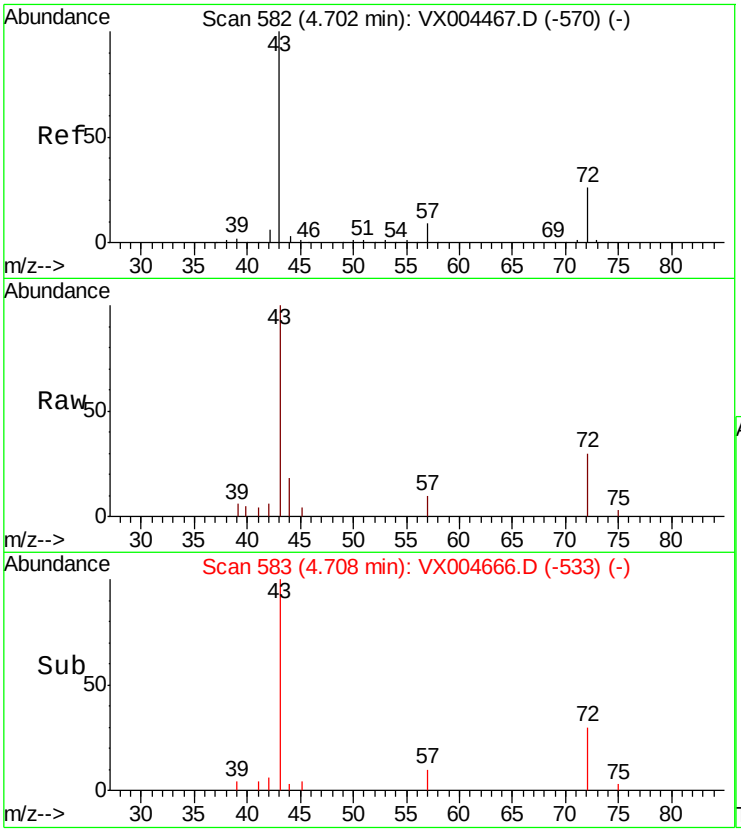


#20
Methylene Chloride
Concen: 6.077 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 84 Resp: 18245

Ion	Ratio	Lower	Upper
84	100		
49	128.6	101.2	151.8
51	41.6	29.5	44.3
86	66.3	52.3	78.5



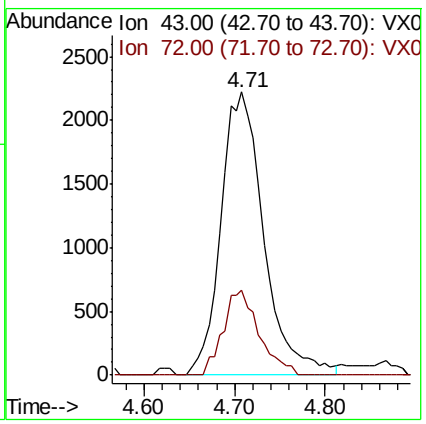


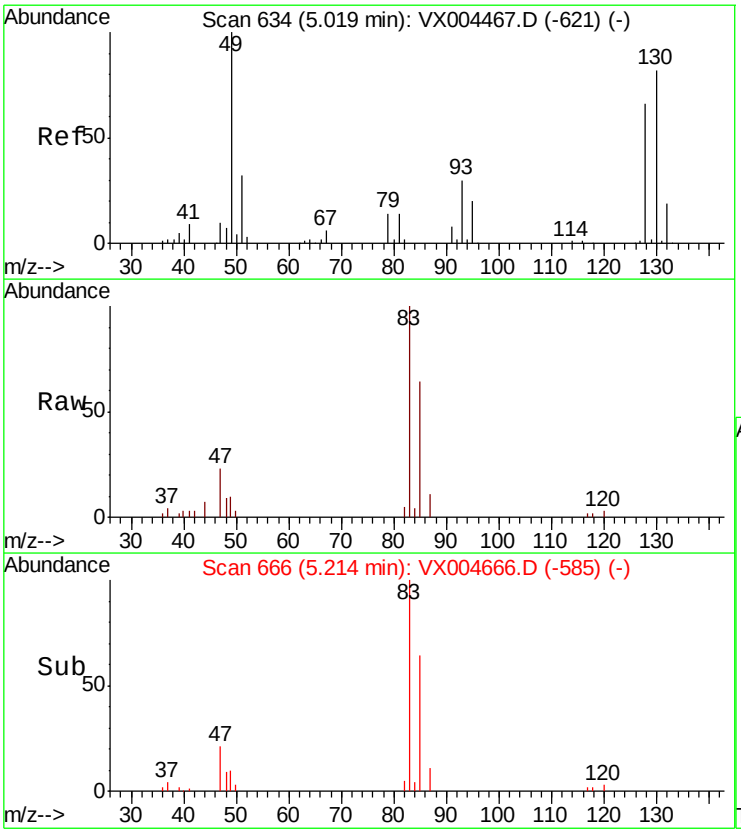
#25
2-Butanone
Concen: 3.135 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion: 43 Resp: 7302

Ion	Ratio	Lower	Upper
43	100		
72	29.9	22.0	33.0

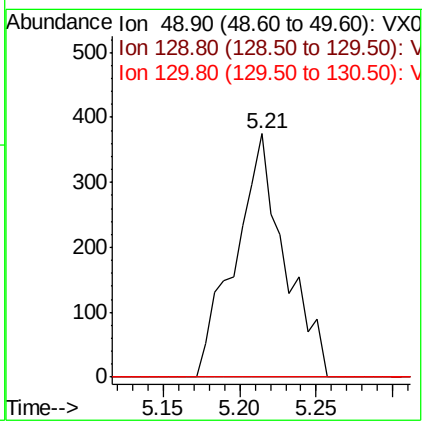


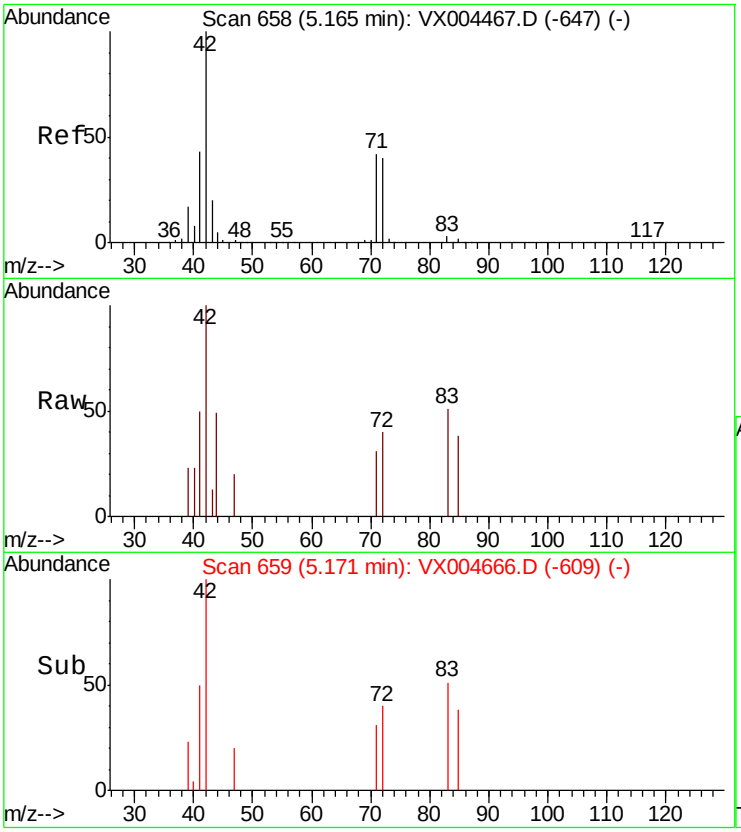


#28
Bromochloromethane
Concen: 0.362 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.20 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 49 Resp: 842

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	67.5	101.3#



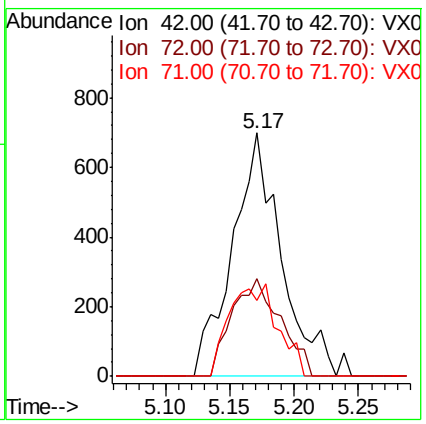


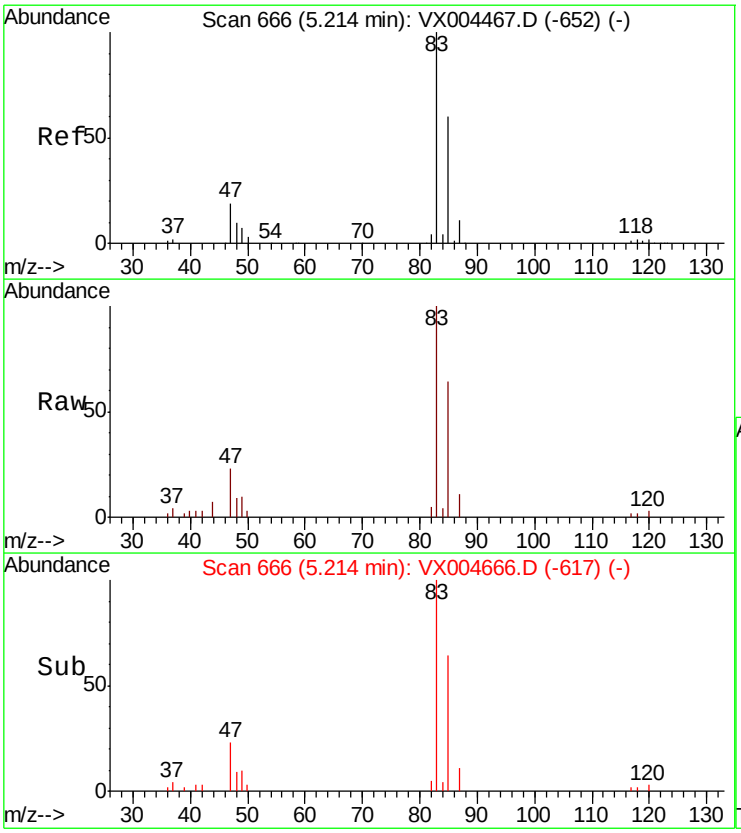
#29
Tetrahydrofuran
Concen: 1.308 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion: 42 Resp: 1838

Ion	Ratio	Lower	Upper
42	100		
72	40.0	37.4	56.0
71	37.6	34.5	51.7

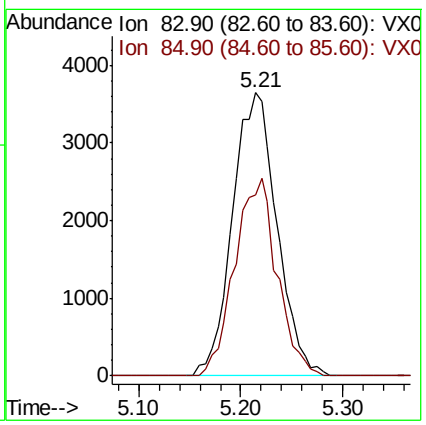


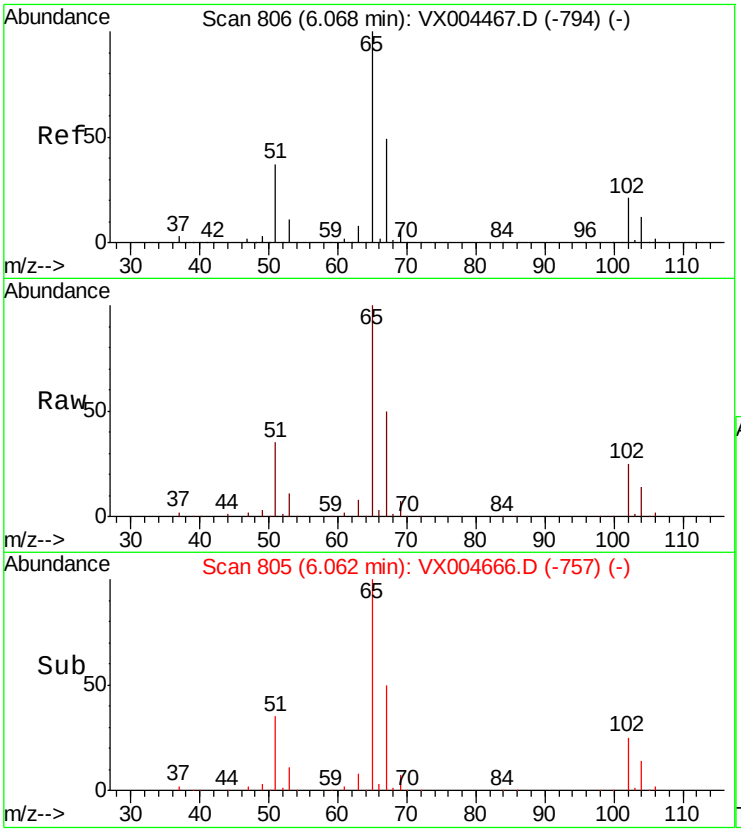


#30
Chloroform
Concen: 2.221 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 83 Resp: 11017

Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.6	79.0



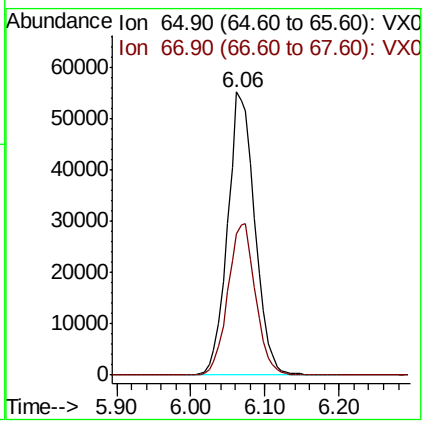


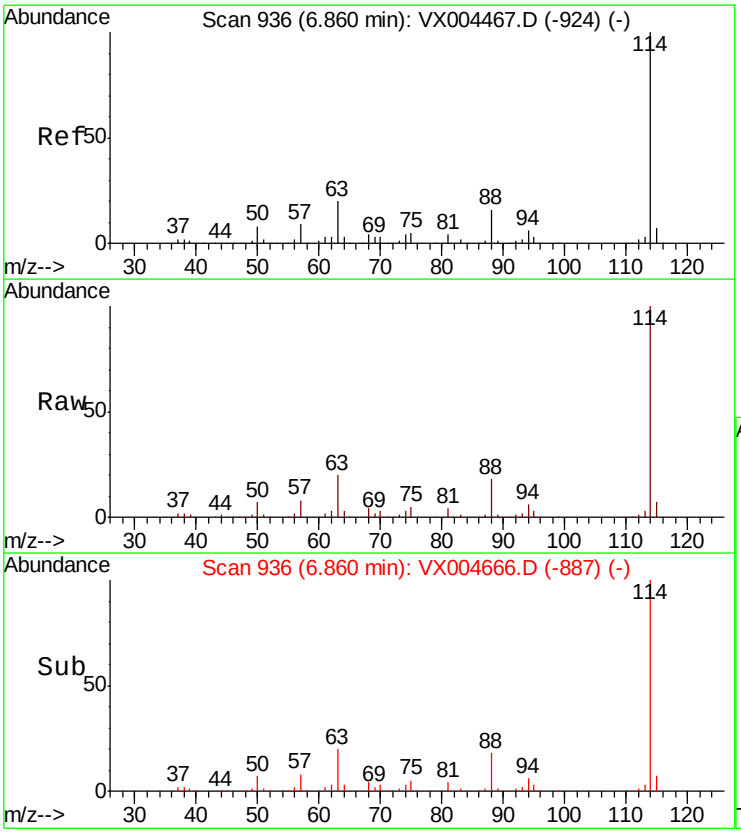
#33
1,2-Dichloroethane-d4
Concen: 47.025 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion: 65 Resp: 141017

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	106.8

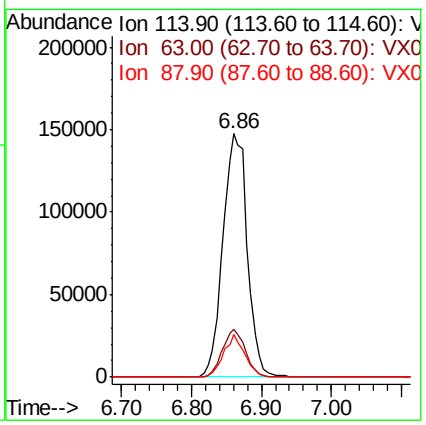


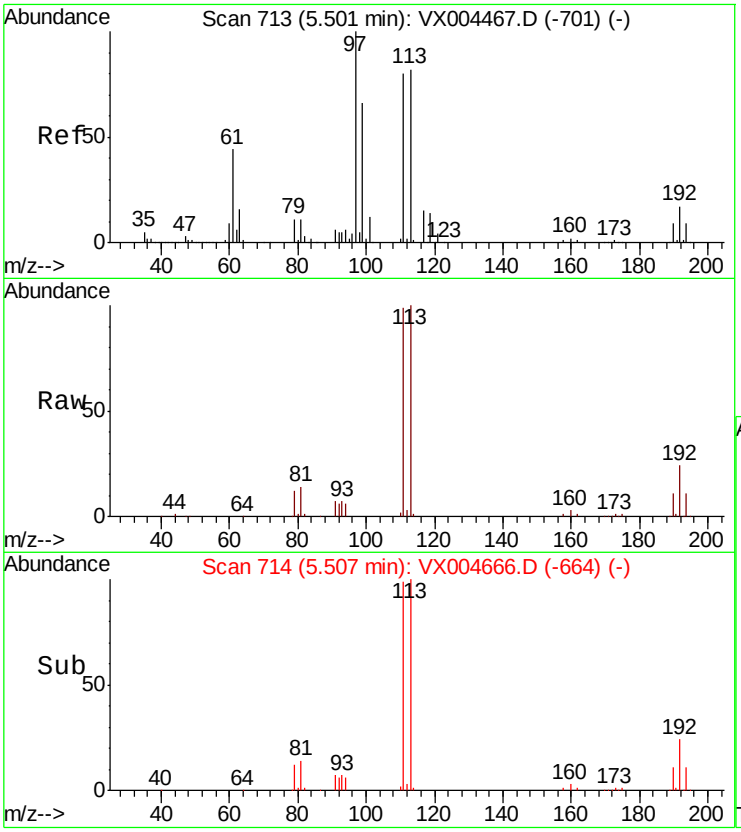


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion:114 Resp: 356494

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.0
88	17.6	0.0	30.4



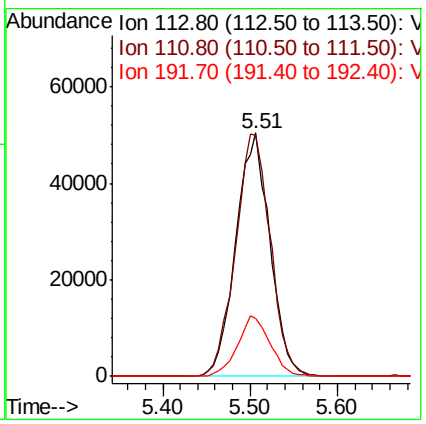


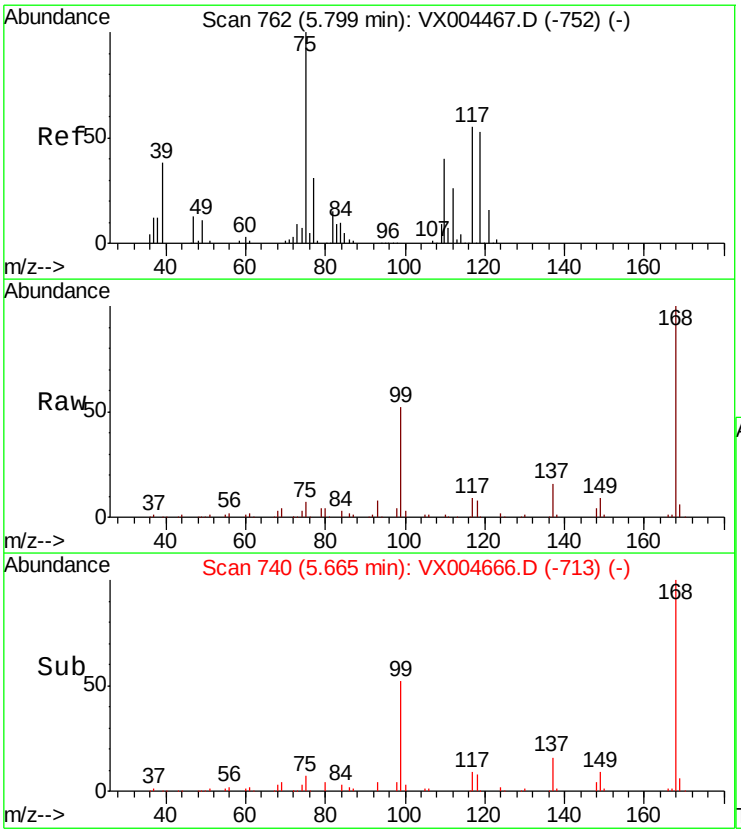
#35
Dibromofluoromethane
Concen: 41.830 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion:113 Resp: 136460

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	23.8	19.4	29.2

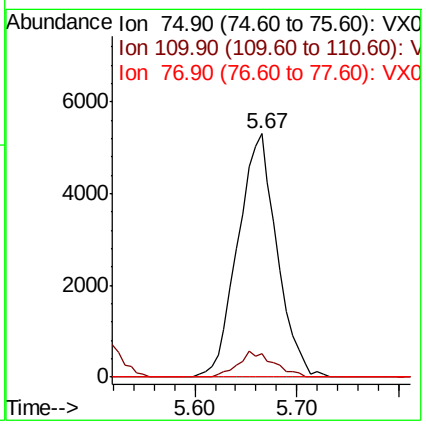


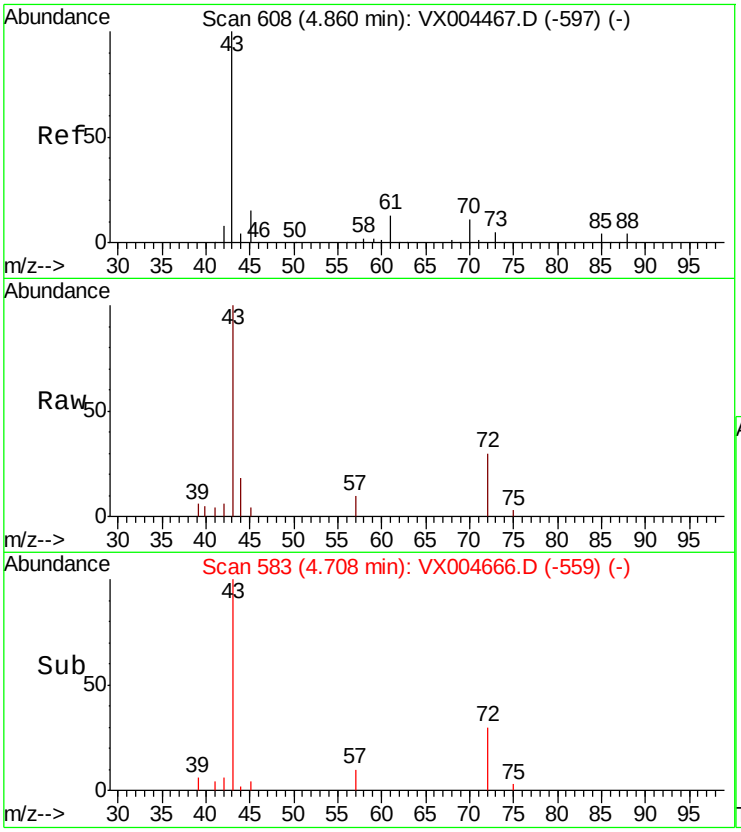


#36
1,1-Dichloropropene
Concen: 3.260 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 75 Resp: 14110

Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.0	54.0#
77	0.0	24.6	36.8#



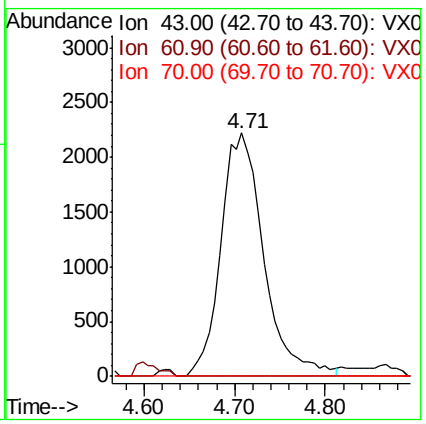


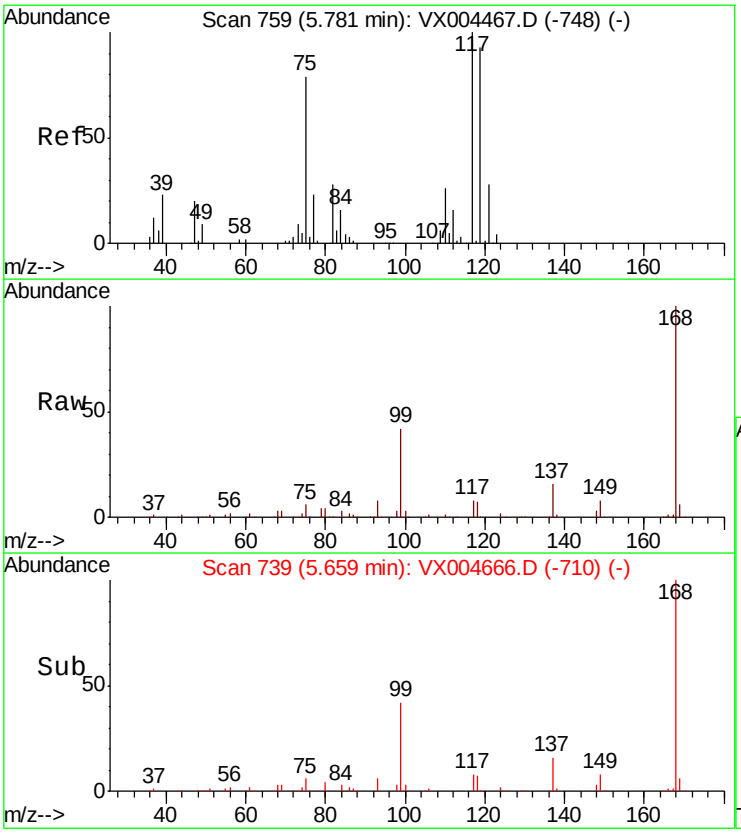
#37
Ethyl Acetate
Concen: 1.483 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.15 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument : MSVOA_X
ClientSampleId : RB48377RT

Tgt Ion: 43 Resp: 7302

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	9.0	13.6#

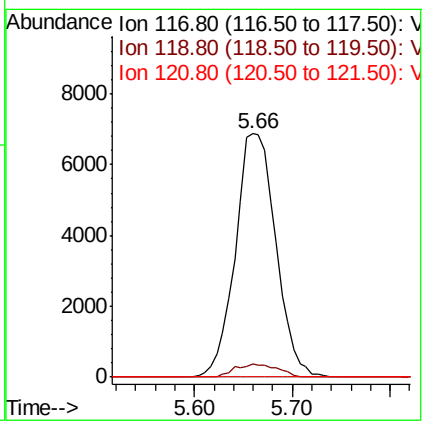


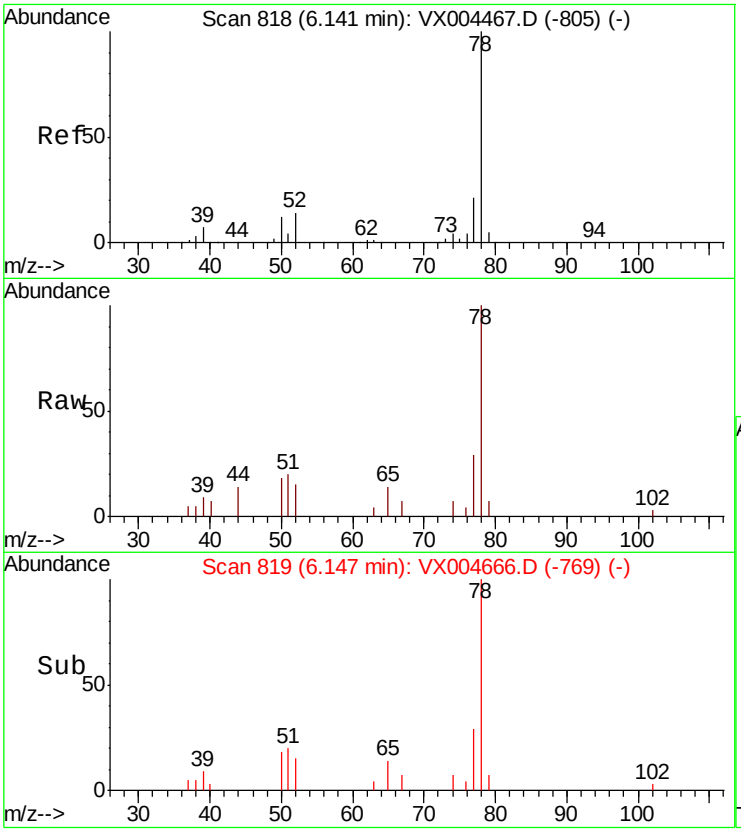


#38
Carbon Tetrachloride
Concen: 4.677 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion:117 Resp: 19771

Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.8	118.2#
121	0.0	24.9	37.3#



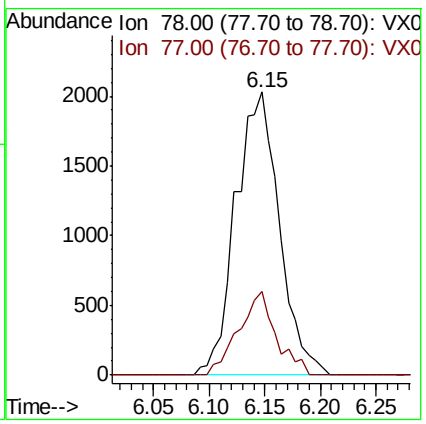


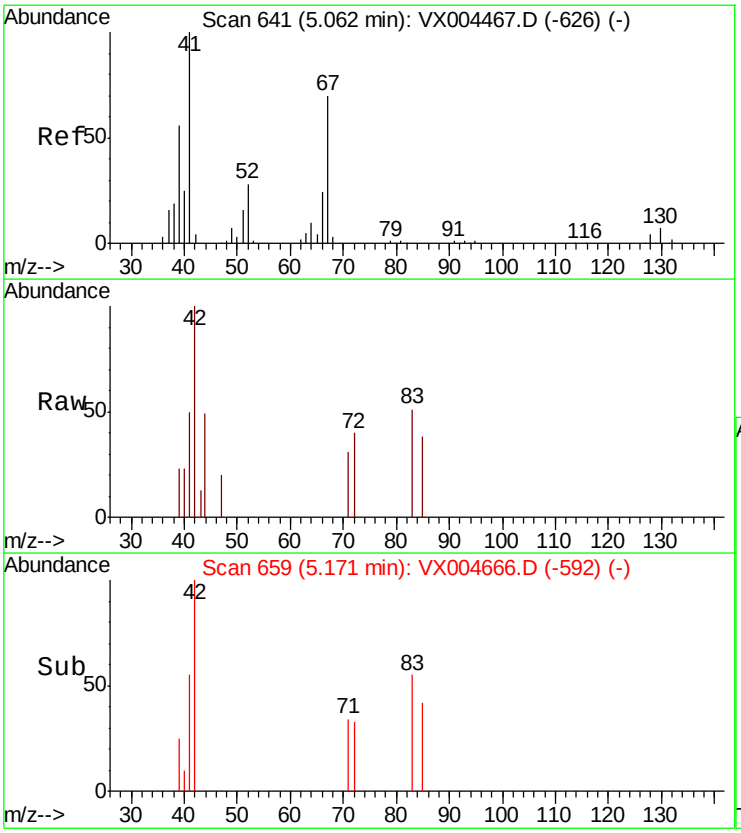
#40
Benzene
Concen: 0.432 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument : MSVOA_X
ClientSampleId : RB48377RT

Tgt Ion: 78 Resp: 5546

Ion	Ratio	Lower	Upper
78	100		
77	29.5	19.0	28.4#

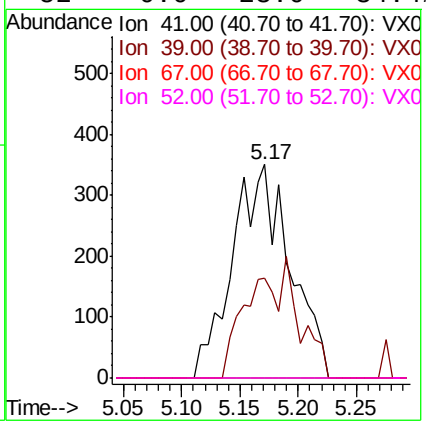


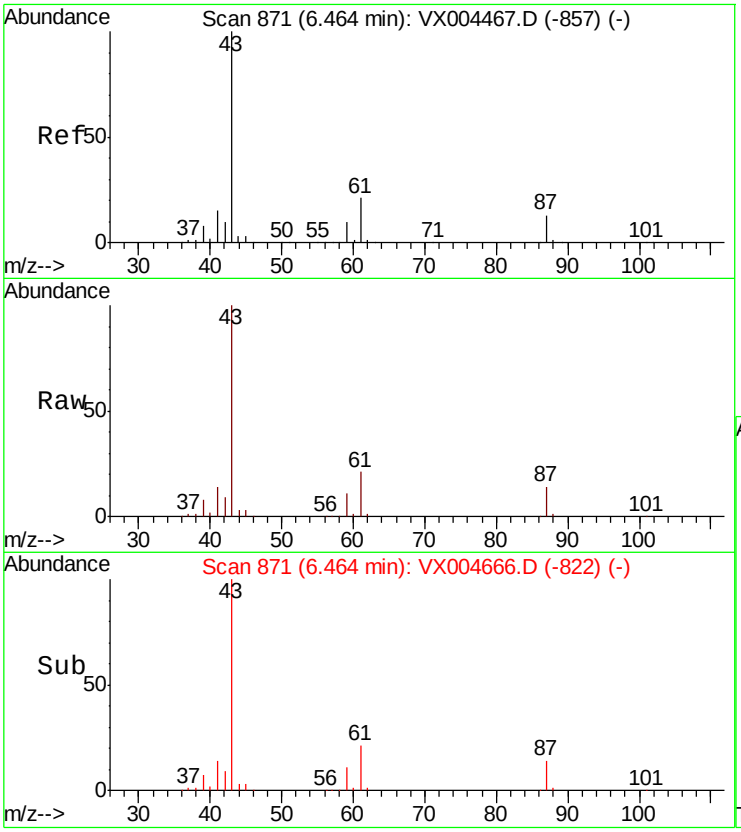


#41
Methacrylonitrile
Concen: 0.443 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.11 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 41 Resp: 1202

Ion	Ratio	Lower	Upper
41	100		
39	29.9	42.4	63.6#
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#



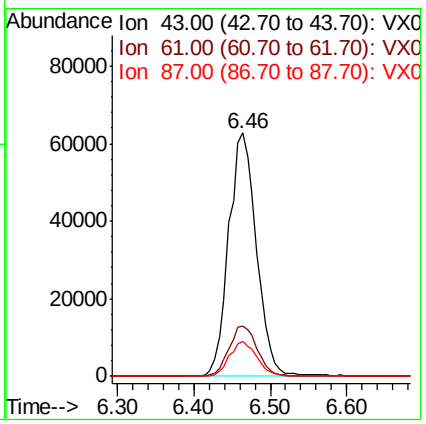


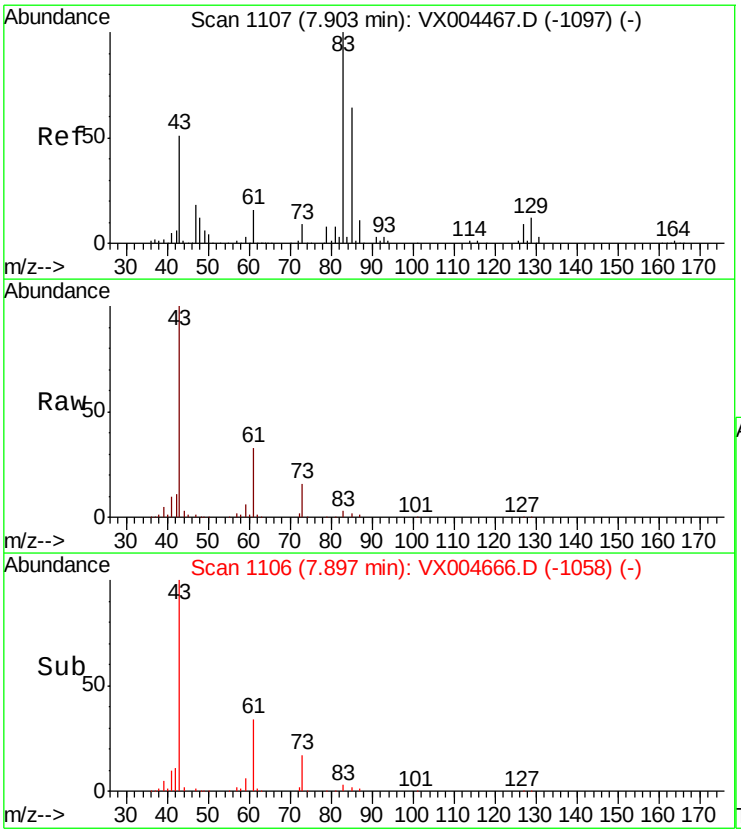
#43
Isopropyl Acetate
Concen: 24.144 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion: 43 Resp: 157853

Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.0	25.4
87	14.2	11.4	17.2

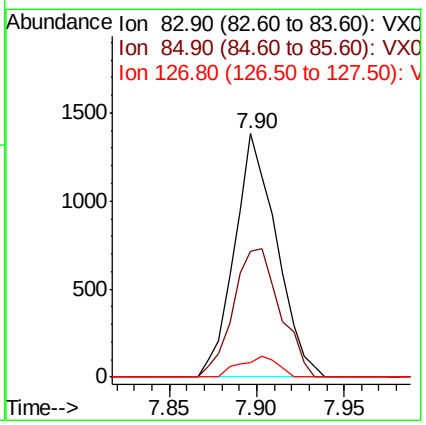


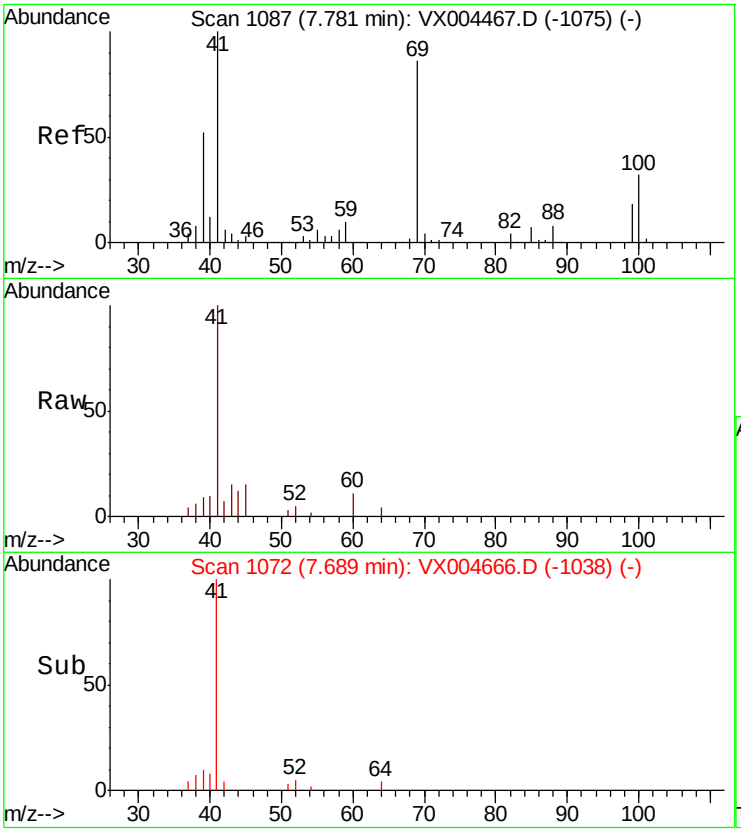


#47
Bromodichloromethane
Concen: 0.627 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 83 Resp: 2315

Ion	Ratio	Lower	Upper
83	100		
85	51.8	50.9	76.3
127	6.0	7.3	10.9#



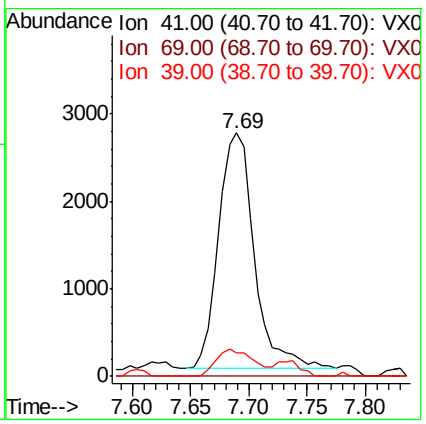


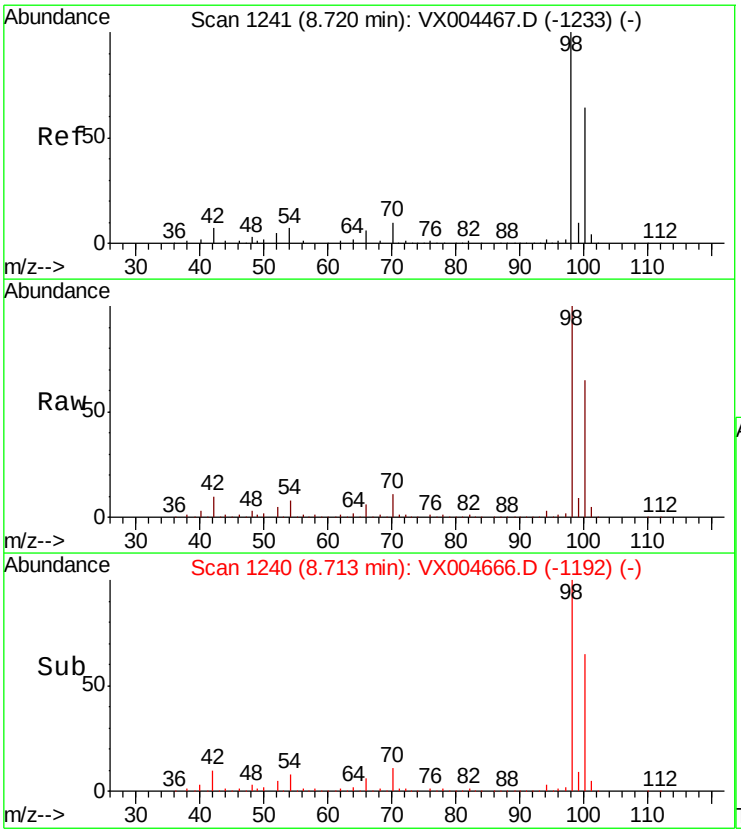
#48
Methyl methacrylate
Concen: 1.765 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion: 41 Resp: 5711

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	12.3	42.7	64.1#

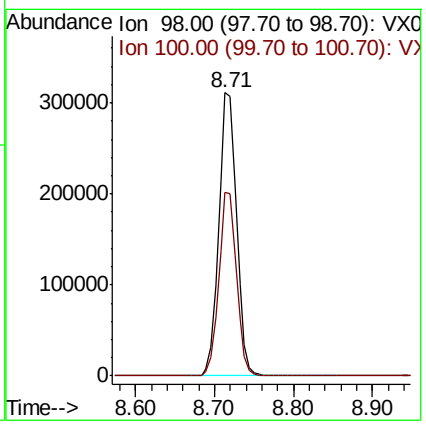


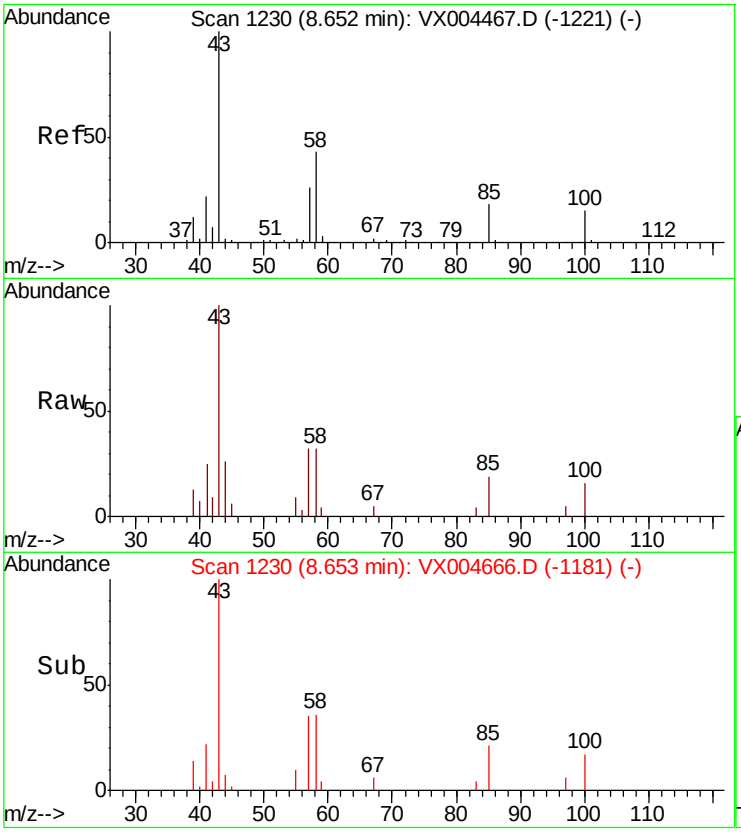


#50
Toluene-d8
Concen: 44.633 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 98 Resp: 488291

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.9	79.3



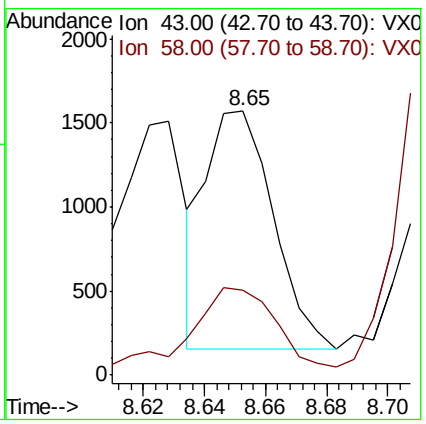


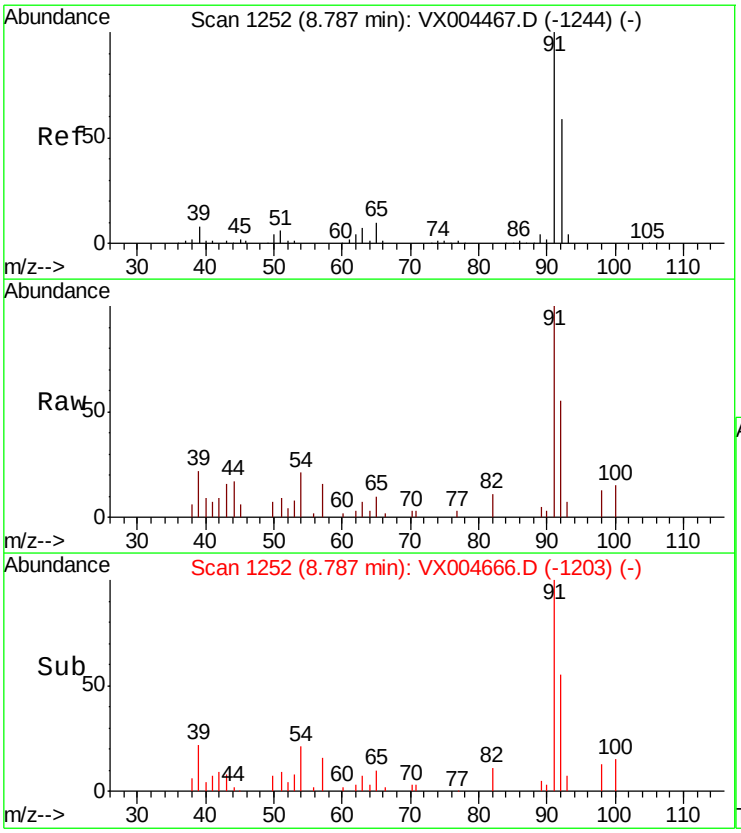
#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument : MSVOA_X
ClientSampleId : RB48377RT

Tgt Ion: 43 Resp: 2167

Ion	Ratio	Lower	Upper
43	100		
58	50.8	33.1	49.7#

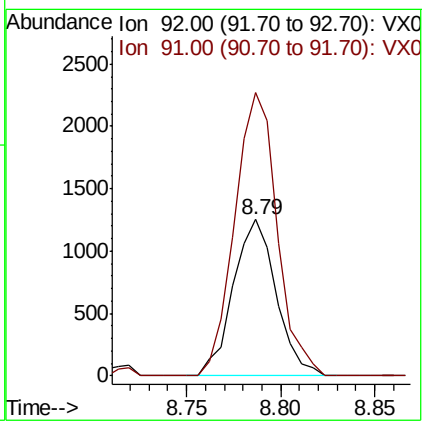


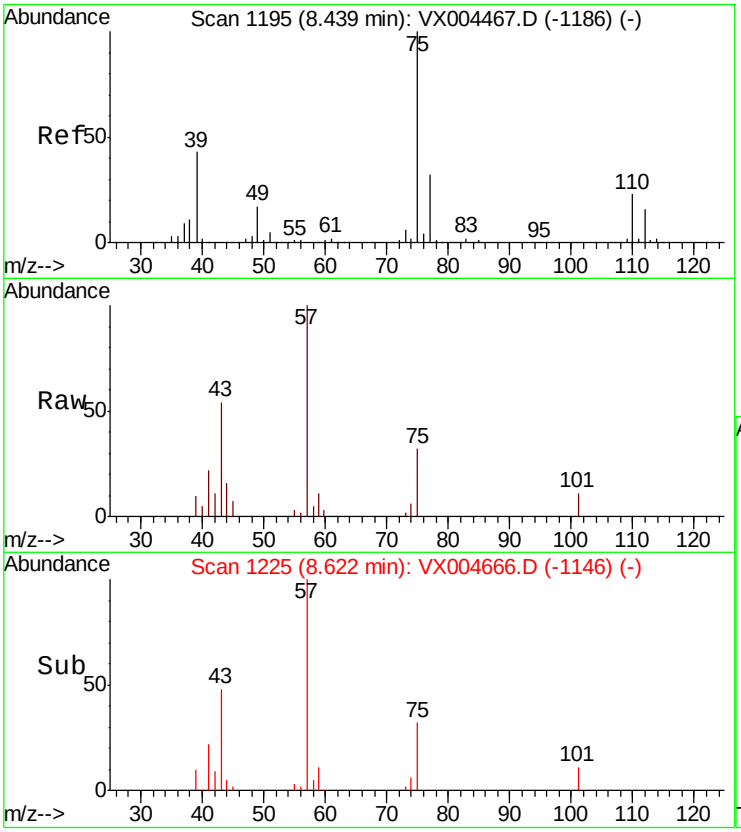


#52
Toluene
Concen: 0.262 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 92 Resp: 1979

Ion	Ratio	Lower	Upper
92	100		
91	178.7	136.4	204.6



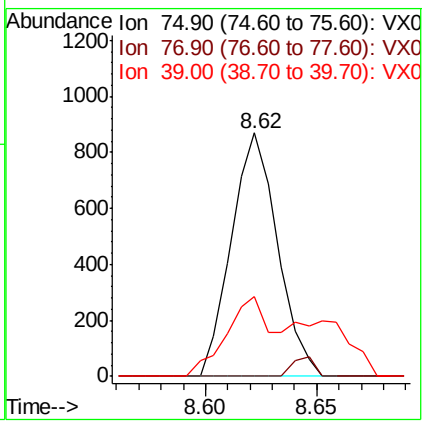


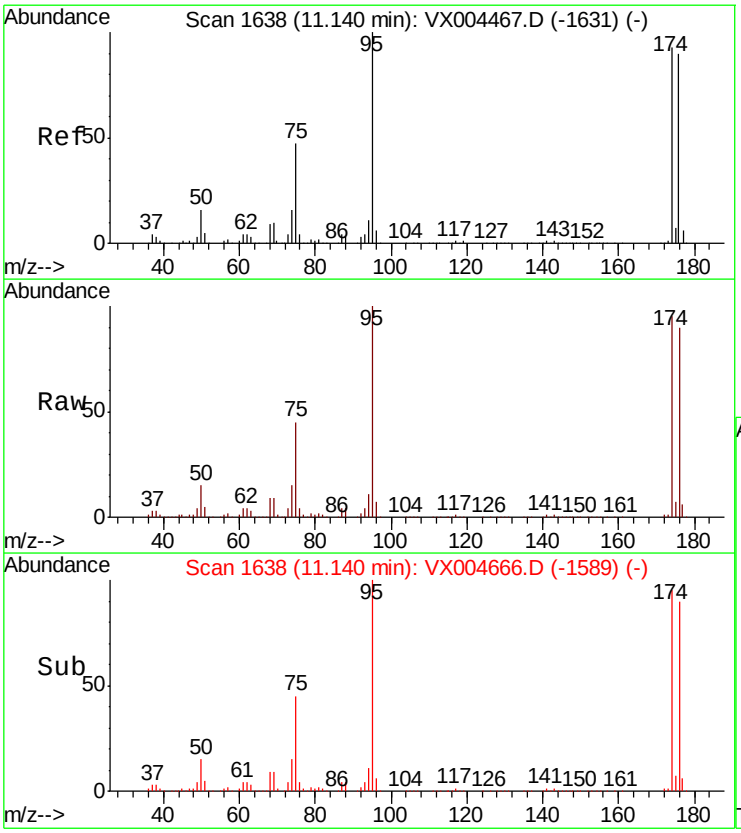
#54
cis-1,3-Dichloropropene
Concen: 0.285 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument : MSVOA_X
ClientSampleId : RB48377RT

Tgt Ion: 75 Resp: 1254

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	32.9	36.4	54.6#

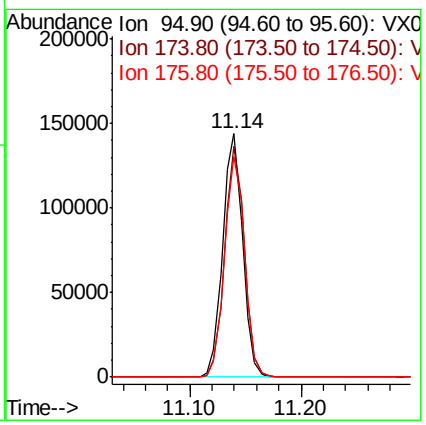


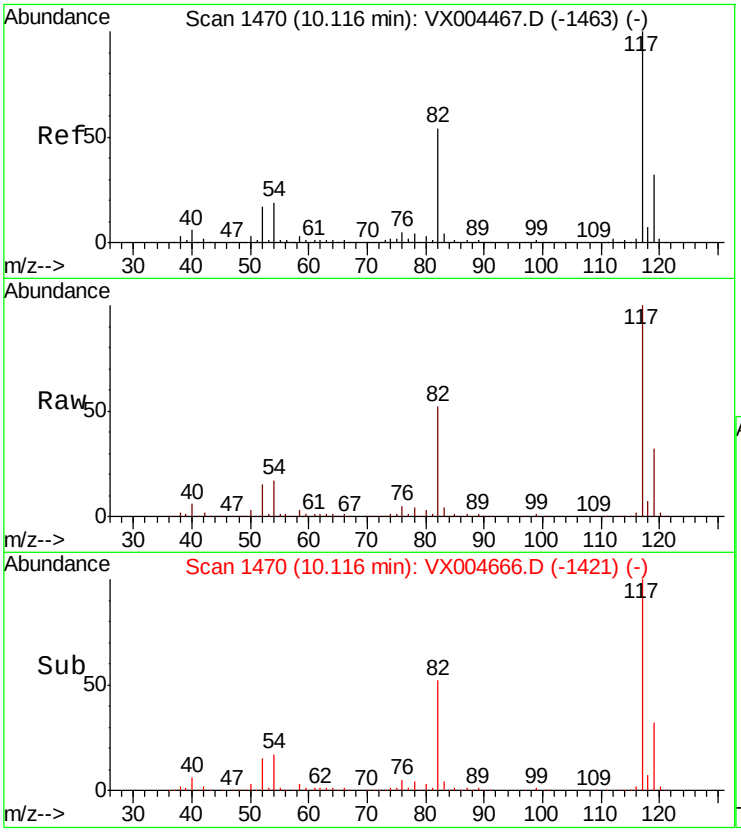


#62
4-Bromofluorobenzene
Concen: 45.592 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 95 Resp: 178043

Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	185.2
176	91.3	0.0	178.6



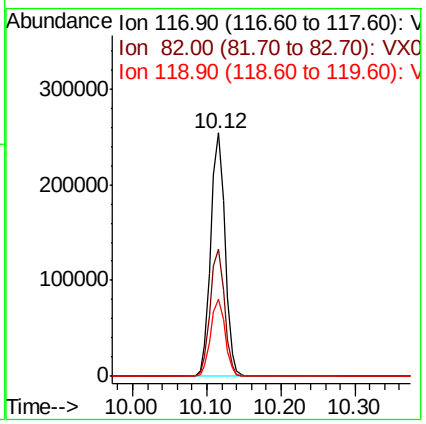


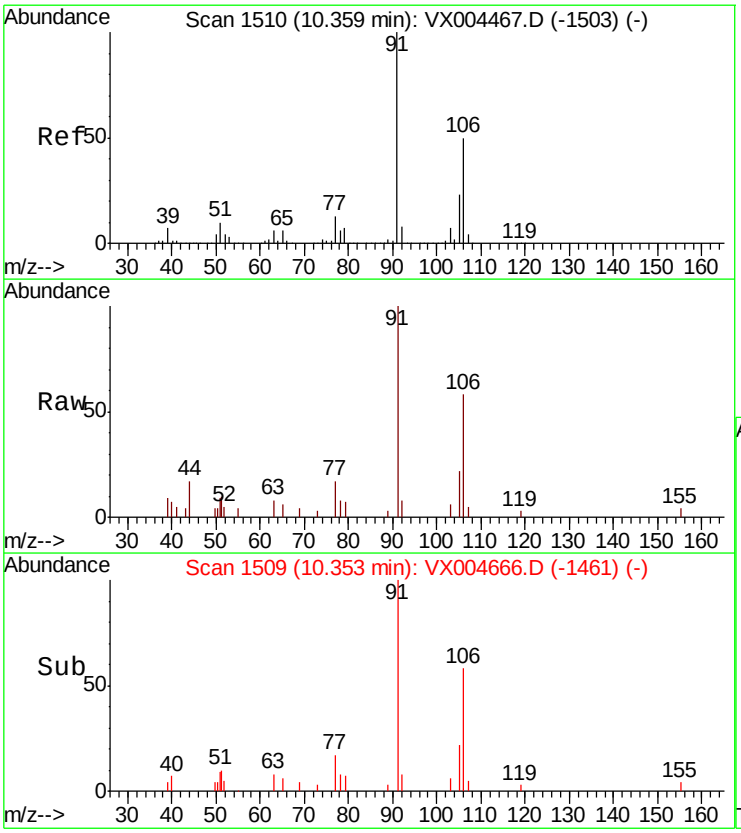
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument : MSVOA_X
ClientSampleId : RB48377RT

Tgt Ion:117 Resp: 333345

Ion	Ratio	Lower	Upper
117	100		
82	52.0	47.8	71.6
119	31.7	29.3	43.9

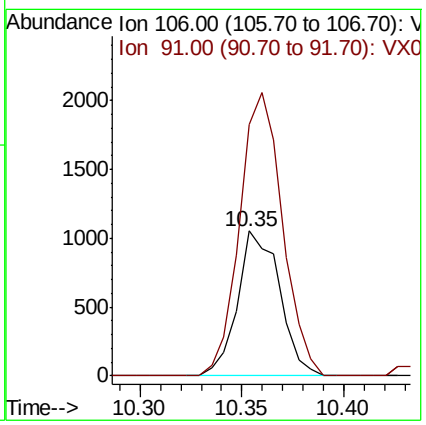


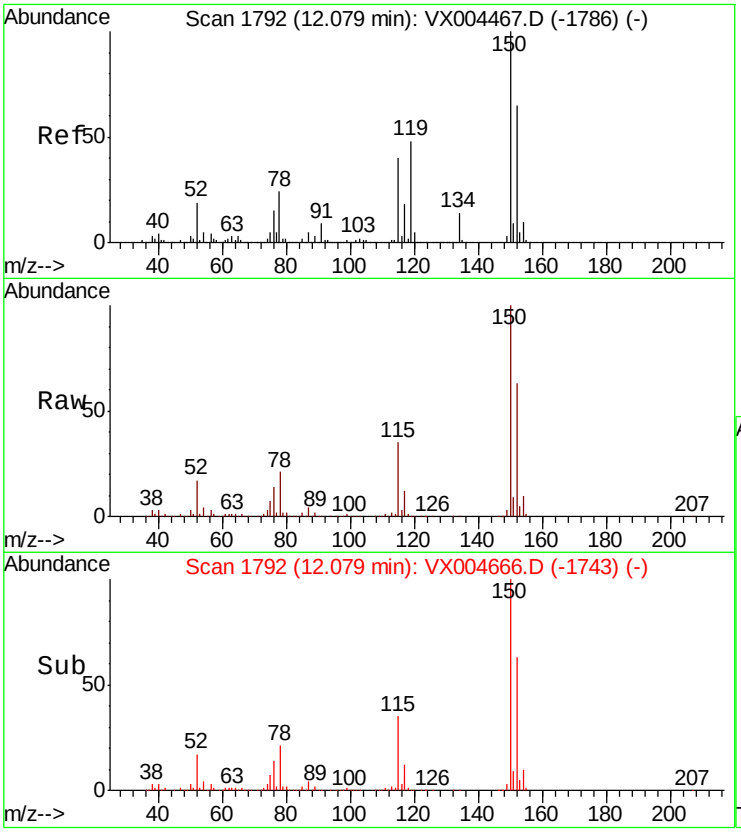


#68
m/p-Xylenes
Concen: 0.290 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion:106 Resp: 1505

Ion	Ratio	Lower	Upper
106	100		
91	199.1	157.1	235.7



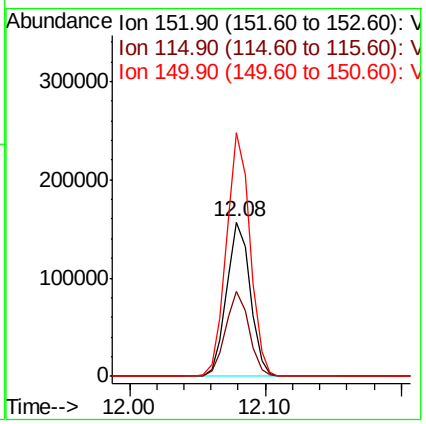


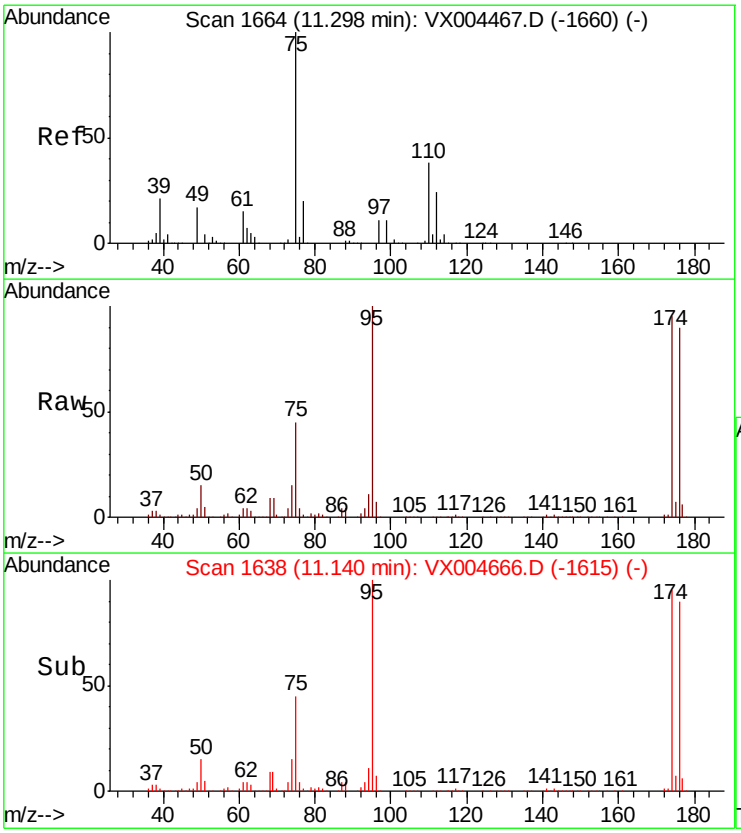
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion:152 Resp: 190291

Ion	Ratio	Lower	Upper
152	100		
115	54.6	39.0	117.0
150	156.8	0.0	351.0

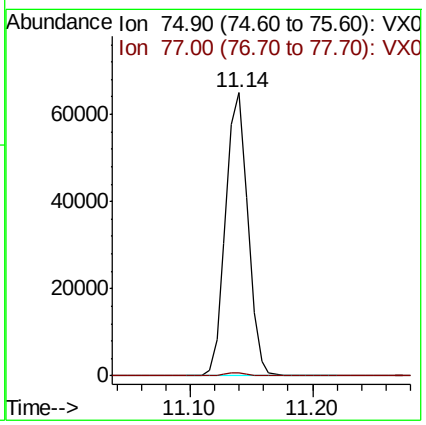


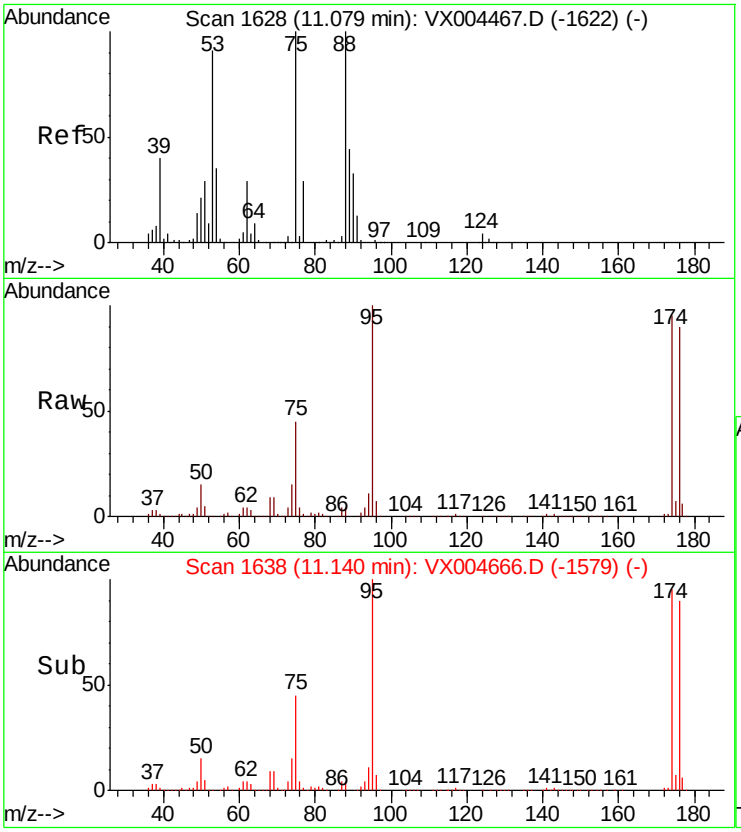


#76
1,2,3-Trichloropropane
Concen: 21.342 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 75 Resp: 81709

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#



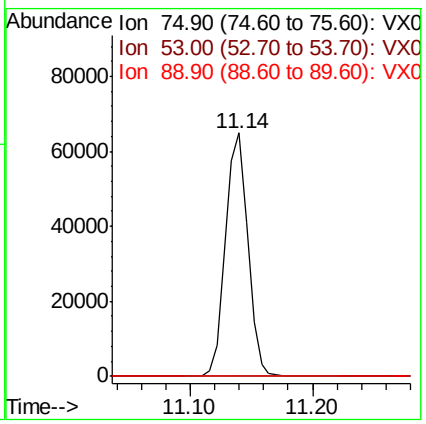


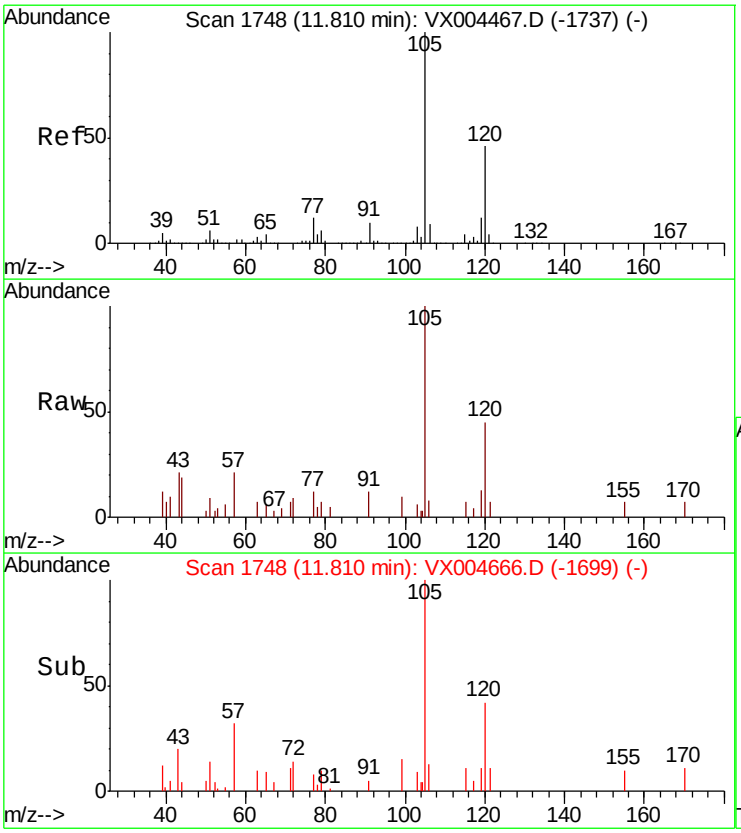
#81
trans-1,4-Dichloro-2-butene
Concen: 68.028 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion: 75 Resp: 81709

Ion	Ratio	Lower	Upper
75	100		
53	0.1	80.1	120.1#
89	0.0	37.2	55.8#

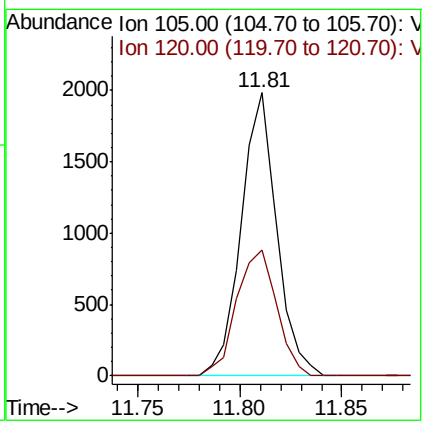


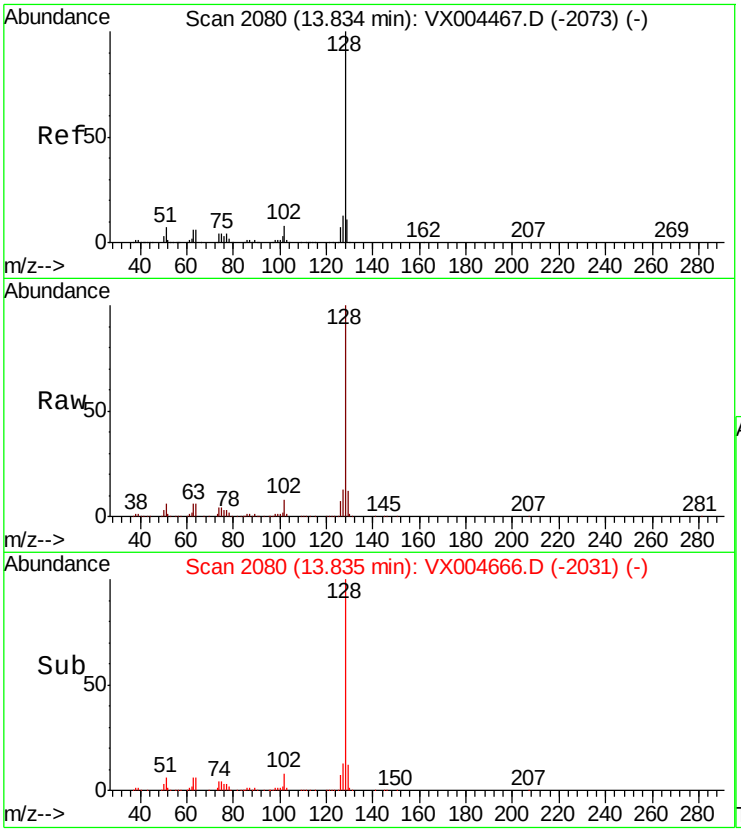


#84
1,2,4-Trimethylbenzene
Concen: 0.223 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion:105 Resp: 2401

Ion	Ratio	Lower	Upper
105	100		
120	50.3	23.2	69.6





#95
Naphthalene
Concen: 11.408 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion:128 Resp: 148200

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.2	8.6	12.8