Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
Data File : VX004668.D
Acq On : 18 Sep 2018 19:50
Operator : JC/MD
Sample : J4948-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RB44766RT

Quant Time: Sep 19 02:39:43 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	5.67	168	234715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352349	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179559	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133828	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.44%			
35) Dibromofluoromethane	5.50	113	132491	41.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.18%			
50) Toluene-d8	8.71	98	469092	43.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.76%			
62) 4-Bromofluorobenzene	11.14	95	170793	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.50%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	300	Below Cal	#	74
10) Methyl Iodide	2.52	142	169	4.306	ug/l #	55
11) Tert butyl alcohol	3.06	59	910	1.260	ug/l #	86
13) Acrolein	2.30	56	84	0.295	ug/l #	1
14) Allyl chloride	2.85	41	39086	7.752	ug/l #	28
16) Acetone	2.44	43	77936	52.762	ug/l	96
18) Methyl Acetate	2.78	43	8003	1.931	ug/l	99
20) Methylene Chloride	2.85	84	952105	314.209	ug/l	98
25) 2-Butanone	4.71	43	21469	9.132	ug/l	99
29) Tetrahydrofuran	5.17	42	2413	1.702	ug/l	93
30) Chloroform	5.21	83	3043	0.608	ug/l #	80
36) 1,1-Dichloropropene	5.66	75	14868	3.476	ug/l #	49
37) Ethyl Acetate	4.71	43	21469	4.413	ug/l #	67
38) Carbon Tetrachloride	5.67	117	20731	4.962	ug/l #	14
41) Methacrylonitrile	5.18	41	1406	0.525	ug/l #	34
42) 1,2-Dichloroethane	6.47	62	913	0.217	ug/l #	72
43) Isopropyl Acetate	6.46	43	201569	31.193	ug/l	99
48) Methyl methacrylate	7.88	41	17156	5.365	ug/l #	40
51) 4-Methyl-2-Pentanone	8.65	43	3104	0.681	ug/l #	71
54) cis-1,3-Dichloropropene	8.62	75	1454	0.335	ug/l #	51
59) 2-Hexanone	9.50	43	2896	0.828	ug/l	91
68) m/p-Xylenes	10.36	106	1435	0.290	ug/l	90
76) 1,2,3-Trichloropropane	11.14	75	79249	21.937	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	79249	69.924	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	4825	0.475	ug/l	90
95) Naphthalene	13.83	128	387024	31.572	ug/l	100

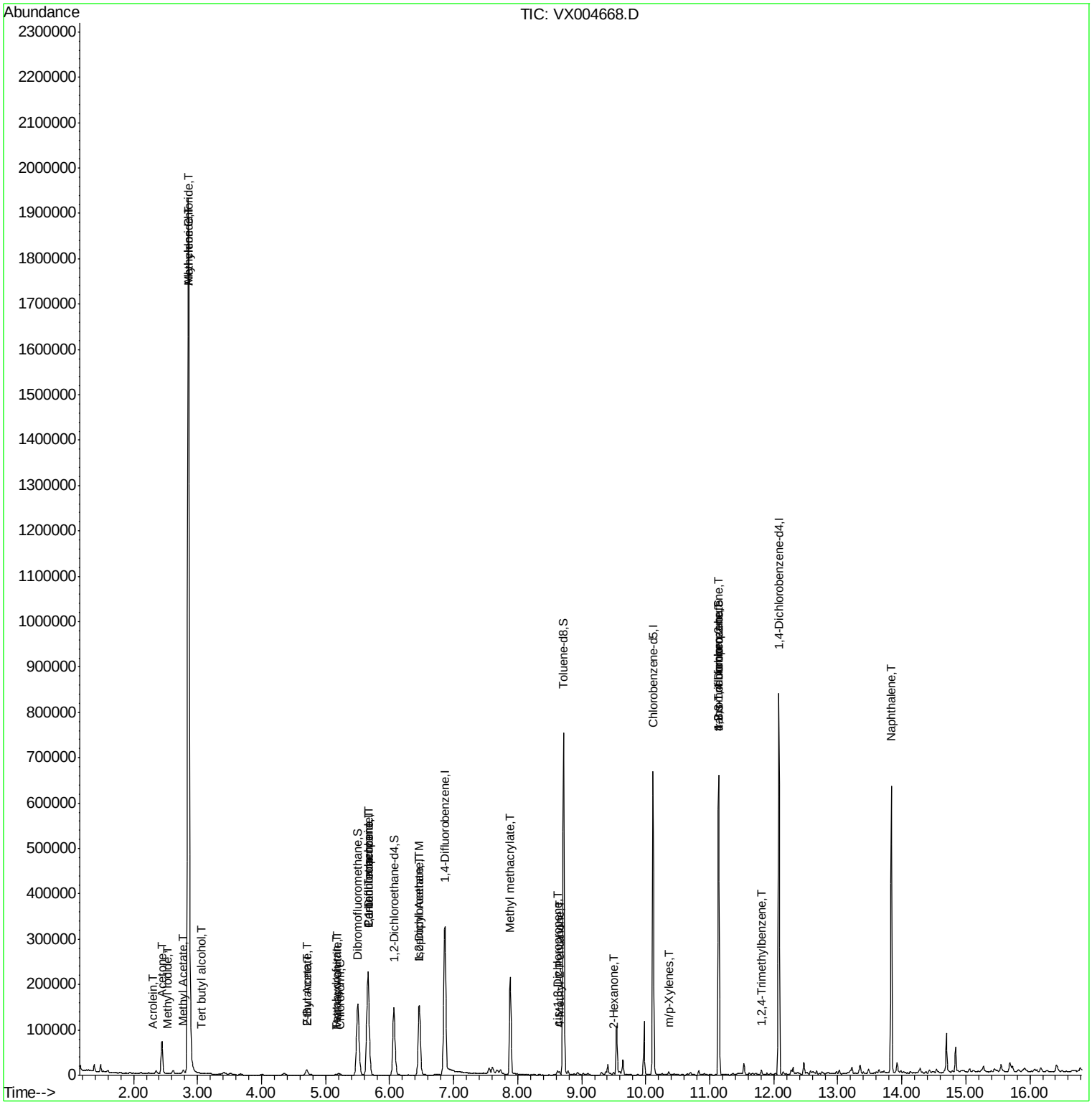
(#) = qualifier out of range (m) = manual integration (+) = signals summed

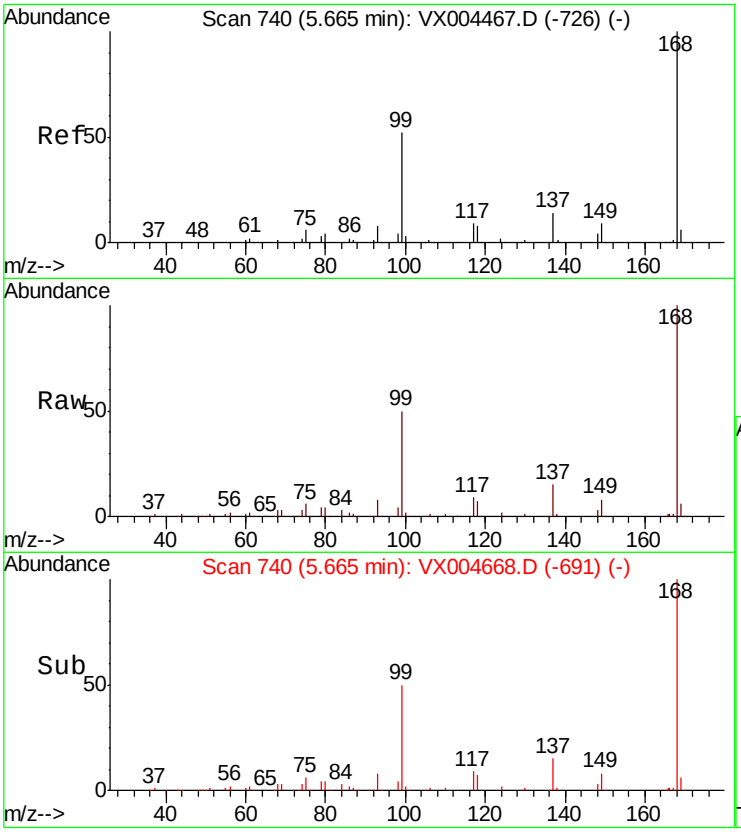
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
Data File : VX004668.D
Acq On : 18 Sep 2018 19:50
Operator : JC/MD
Sample : J4948-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

Quant Time: Sep 19 02:39:43 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



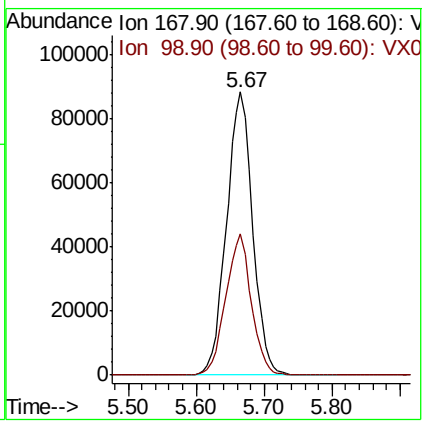


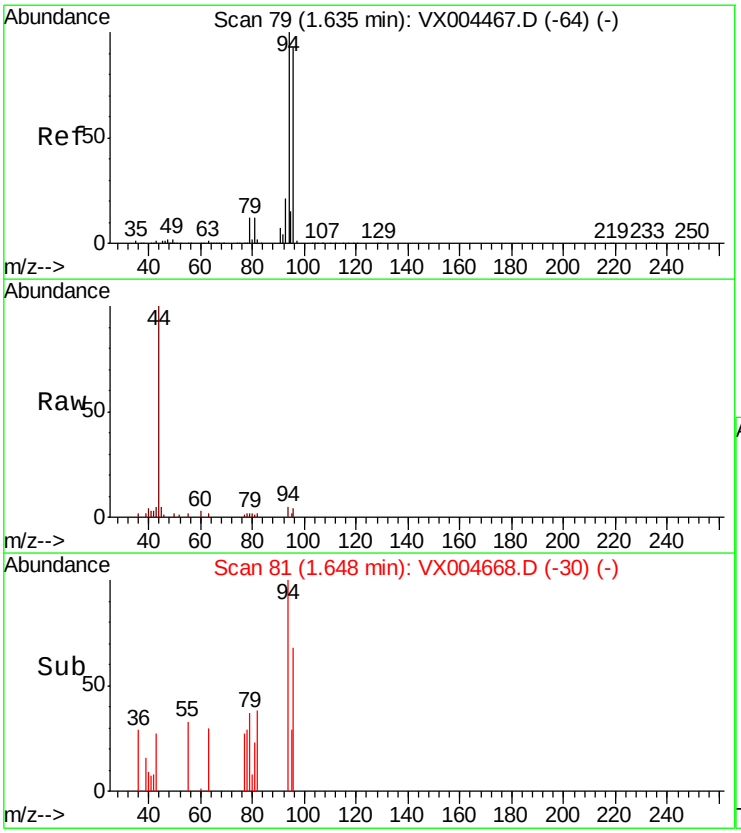
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

Tgt Ion:168 Resp: 234715

Ion	Ratio	Lower	Upper
168	100		
99	49.9	39.9	59.9

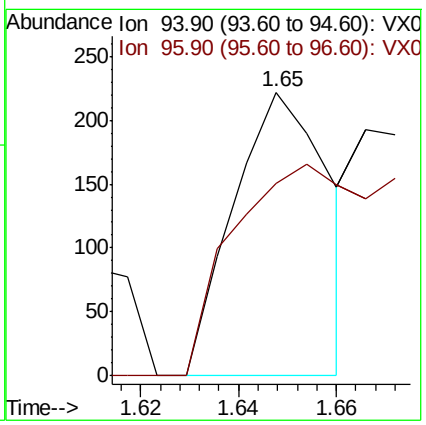


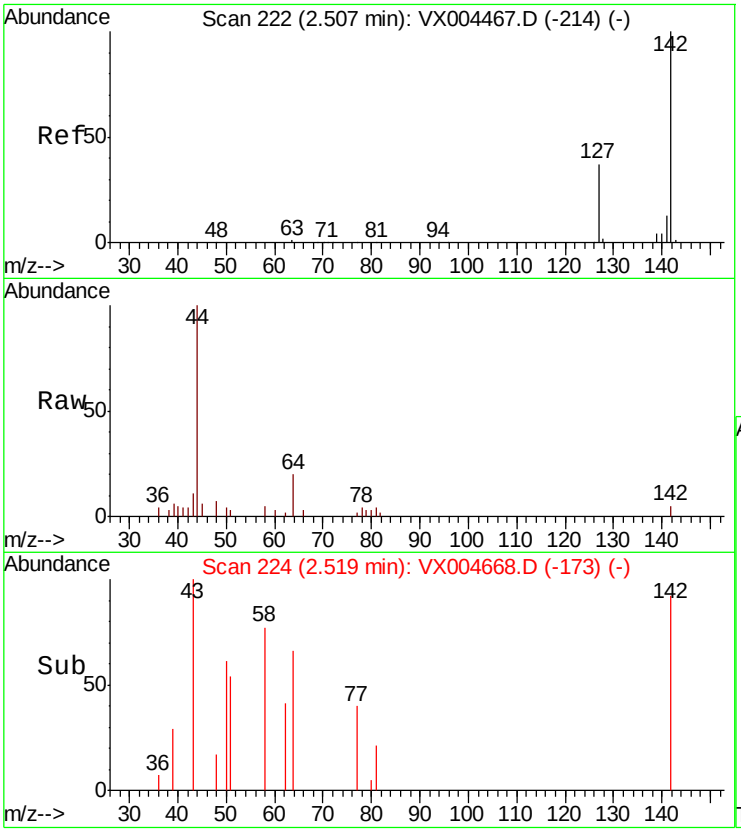


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion: 94 Resp: 300

Ion	Ratio	Lower	Upper
94	100		
96	68.0	74.5	111.7#



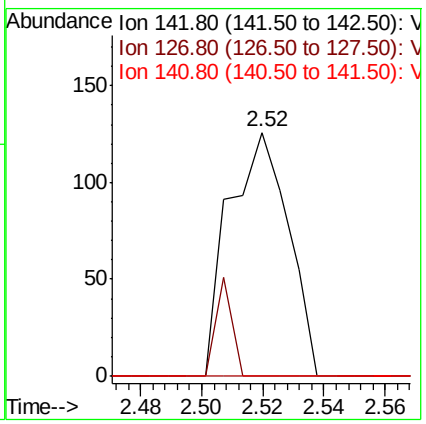


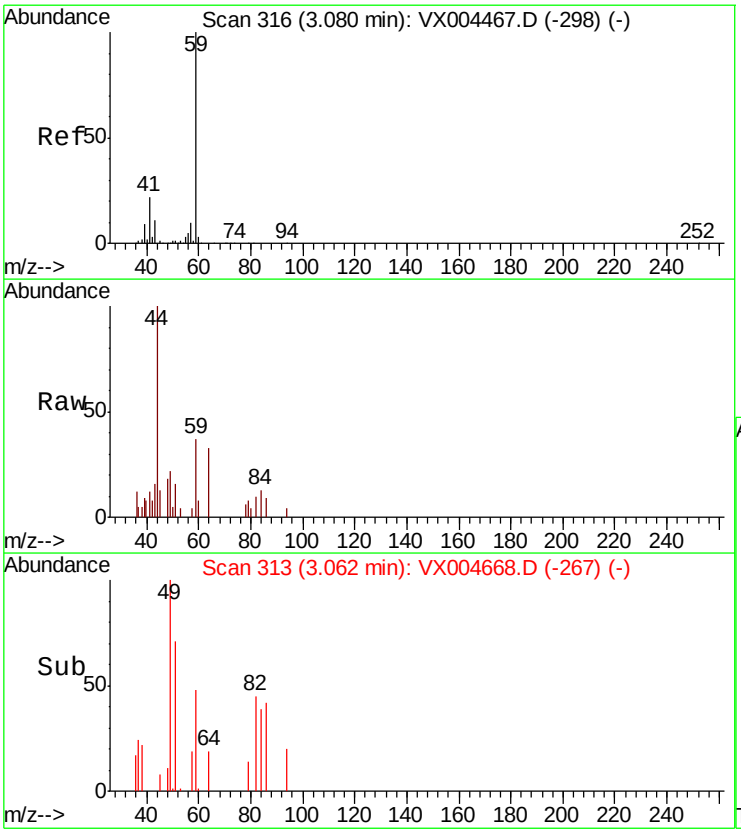
#10
Methyl Iodide
Concen: 4.306 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

Tgt Ion:142 Resp: 169

Ion	Ratio	Lower	Upper
142	100		
127	11.2	33.8	50.6#
141	0.0	11.4	17.0#

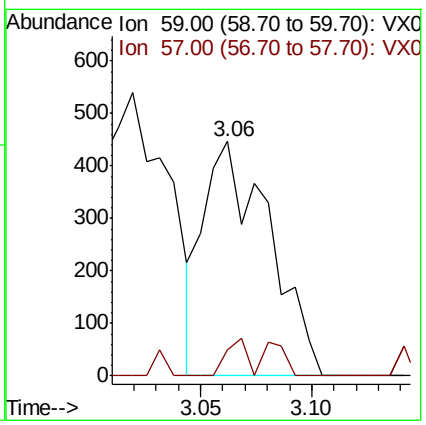


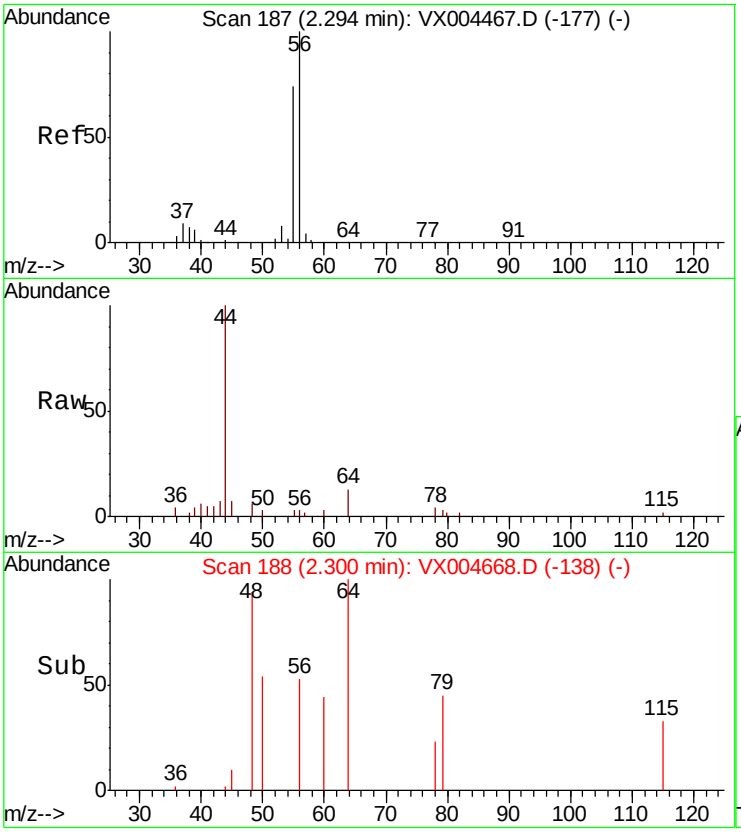


#11
Tert butyl alcohol
Concen: 1.260 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion: 59 Resp: 910

Ion	Ratio	Lower	Upper
59	100		
57	4.9	8.2	12.4#



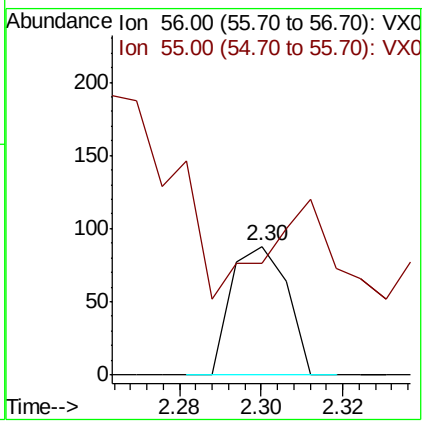


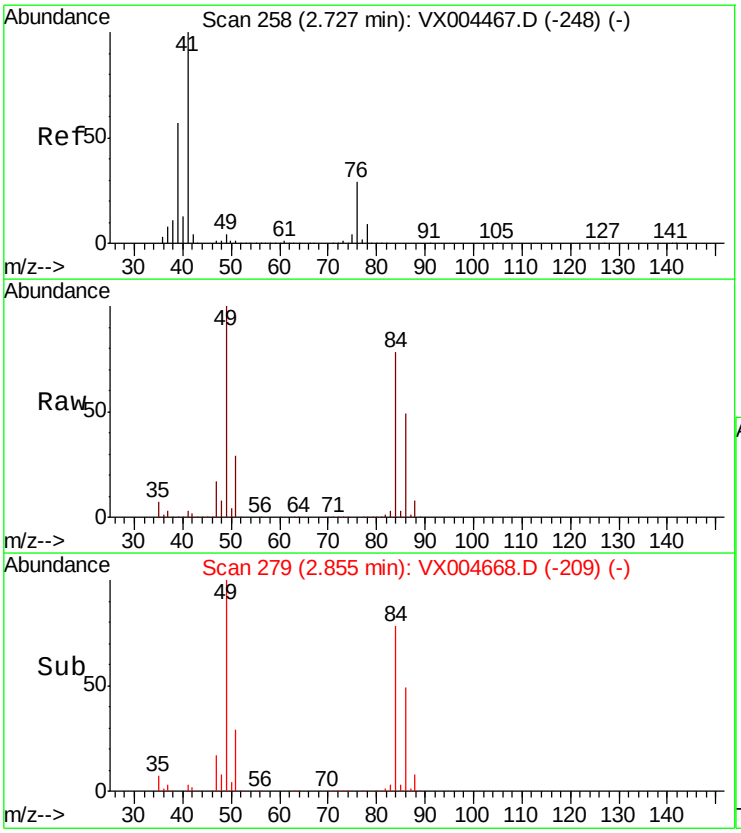
#13
Acrolein
Concen: 0.295 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

Tgt Ion: 56 Resp: 84

Ion	Ratio	Lower	Upper
56	100		
55	178.6	54.7	82.1#

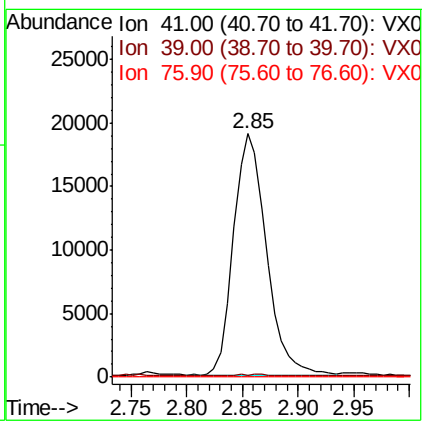


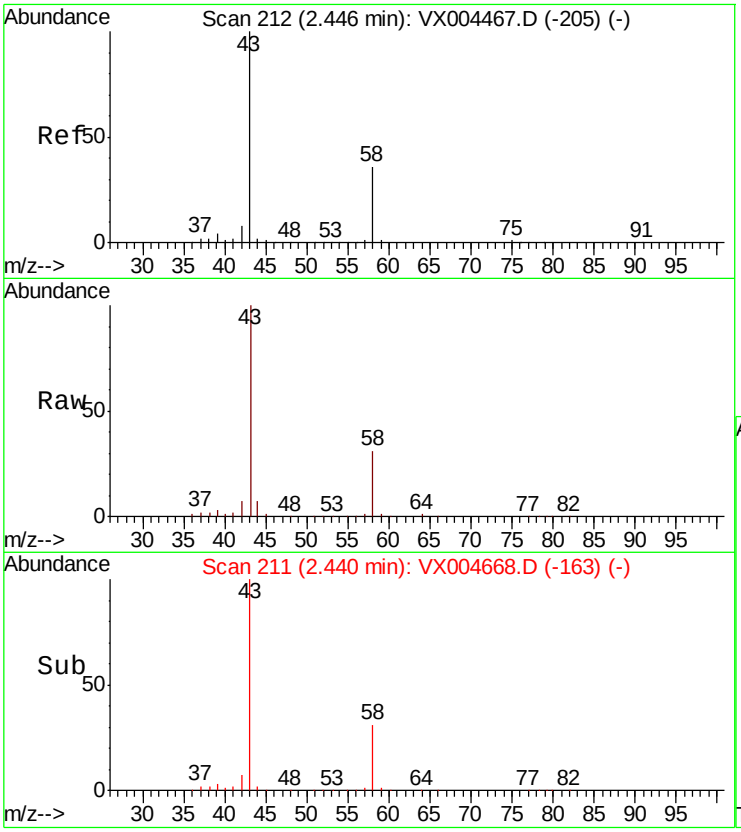


#14
Allyl chloride
Concen: 7.752 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion: 41 Resp: 39086

Ion	Ratio	Lower	Upper
41	100		
39	0.6	48.9	73.3#
76	0.0	26.7	40.1#



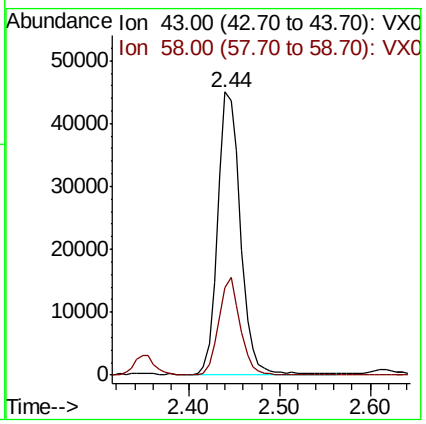


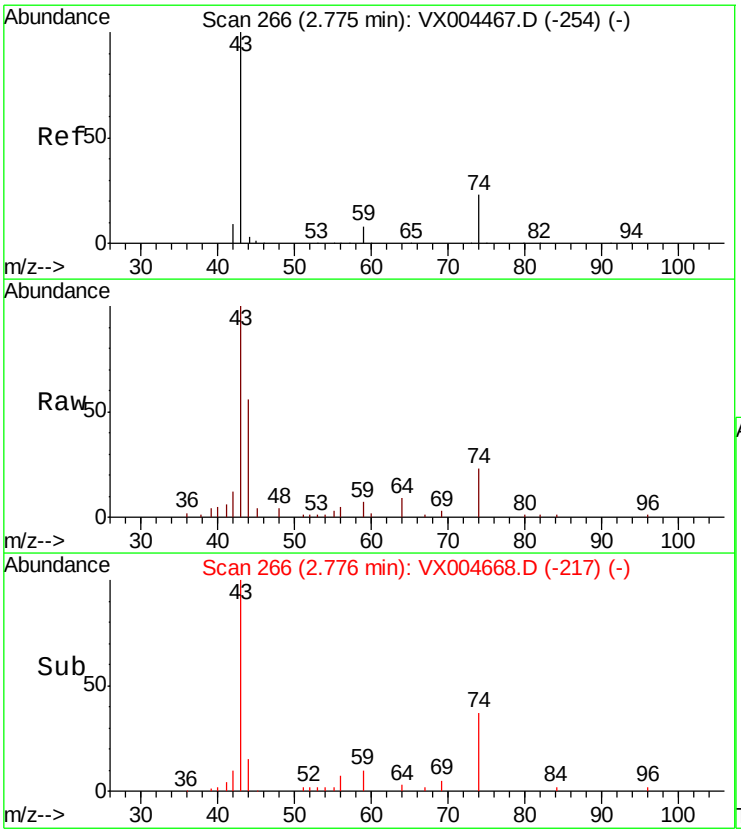
#16
Acetone
Concen: 52.762 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

Tgt Ion: 43 Resp: 77936

Ion	Ratio	Lower	Upper
43	100		
58	30.8	26.2	39.4

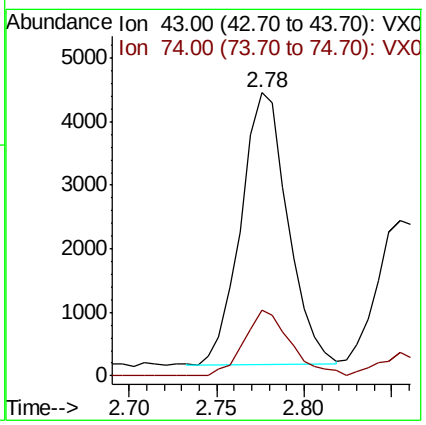


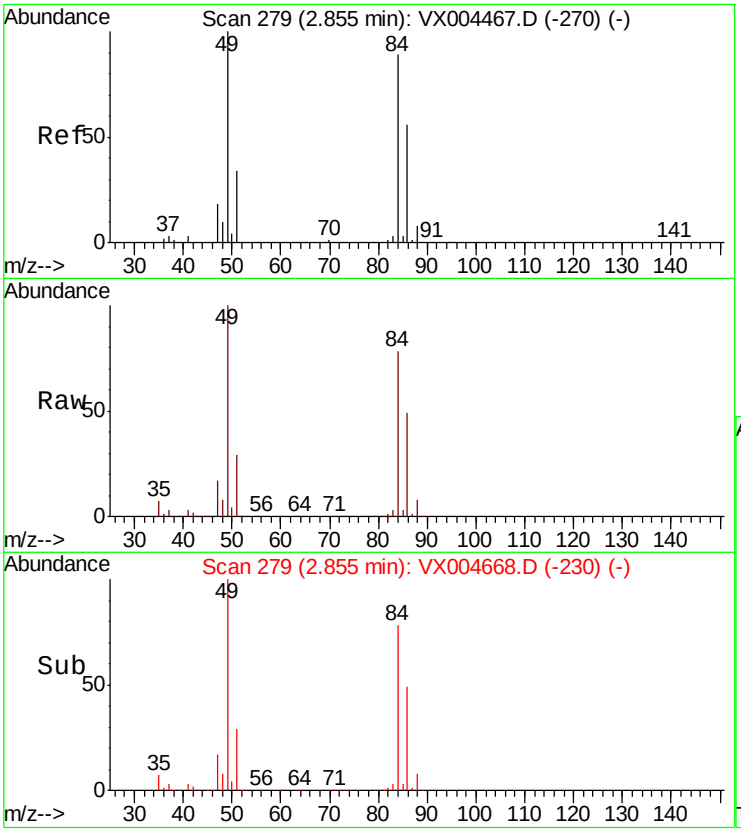


#18
Methyl Acetate
Concen: 1.931 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion: 43 Resp: 8003

Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.4	29.2



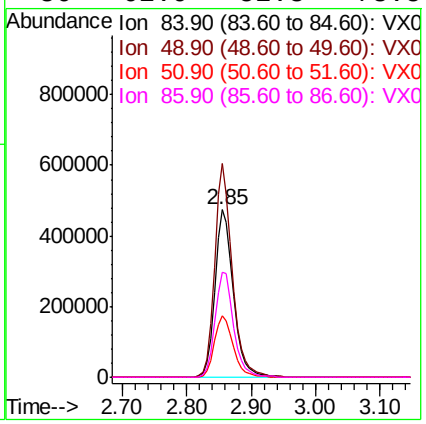


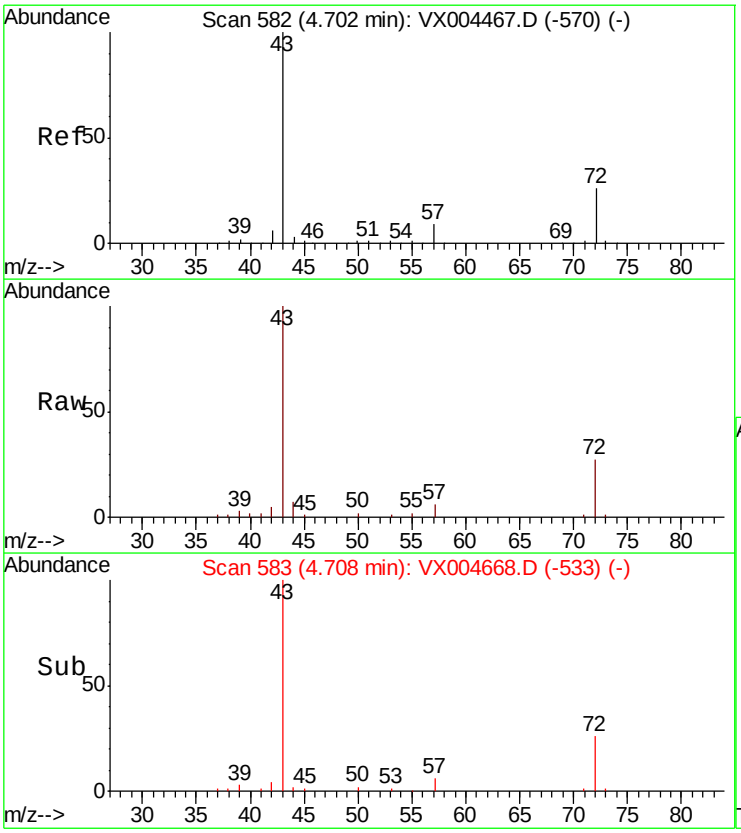
#20
Methylene Chloride
Concen: 314.209 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

Tgt Ion: 84 Resp: 952105

Ion	Ratio	Lower	Upper
84	100		
49	127.6	101.2	151.8
51	37.1	29.5	44.3
86	62.9	52.3	78.5

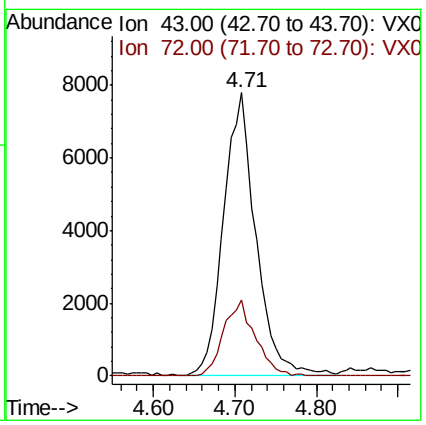


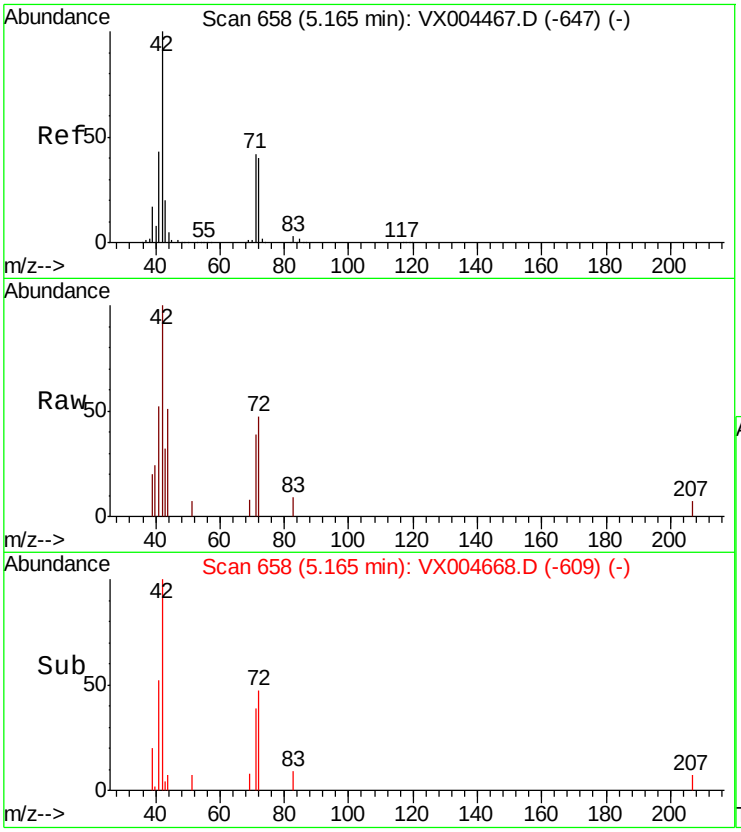


#25
2-Butanone
Concen: 9.132 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion: 43 Resp: 21469

Ion	Ratio	Lower	Upper
43	100		
72	26.8	22.0	33.0



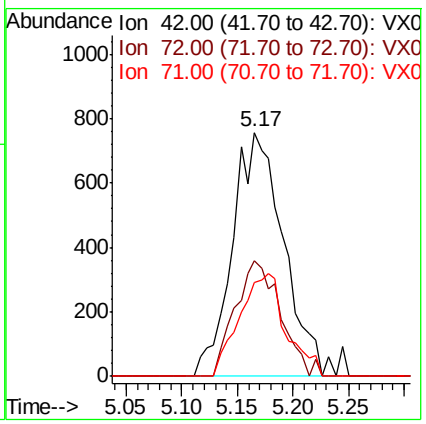


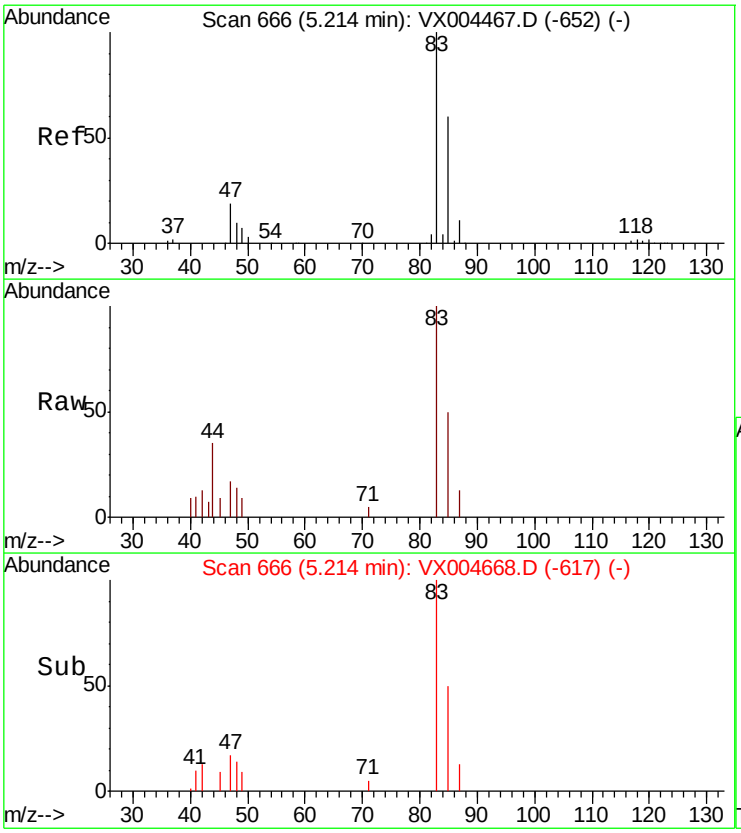
#29
Tetrahydrofuran
Concen: 1.702 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

Tgt Ion: 42 Resp: 2413

Ion	Ratio	Lower	Upper
42	100		
72	42.1	37.4	56.0
71	38.5	34.5	51.7

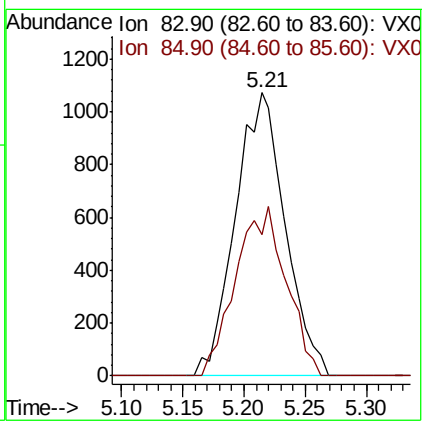


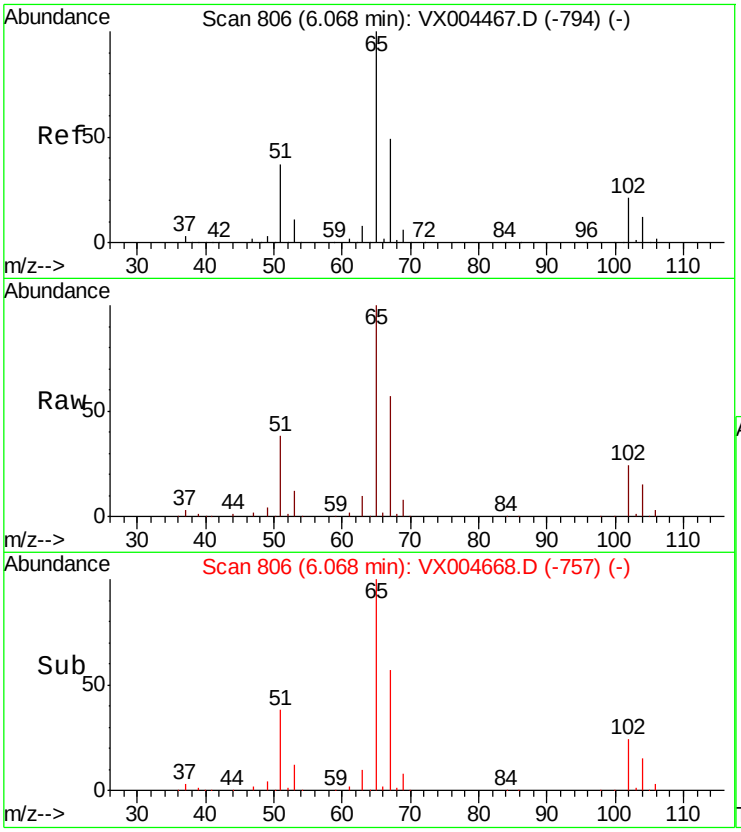


#30
Chloroform
Concen: 0.608 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion: 83 Resp: 3043

Ion	Ratio	Lower	Upper
83	100		
85	50.1	52.6	79.0#



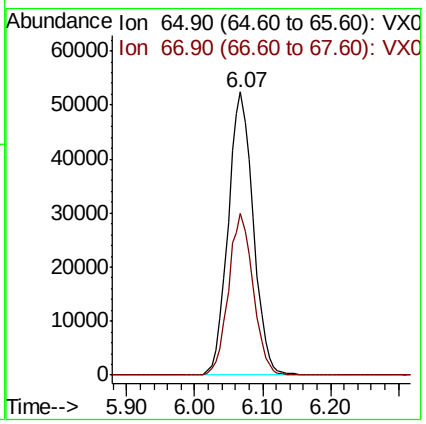


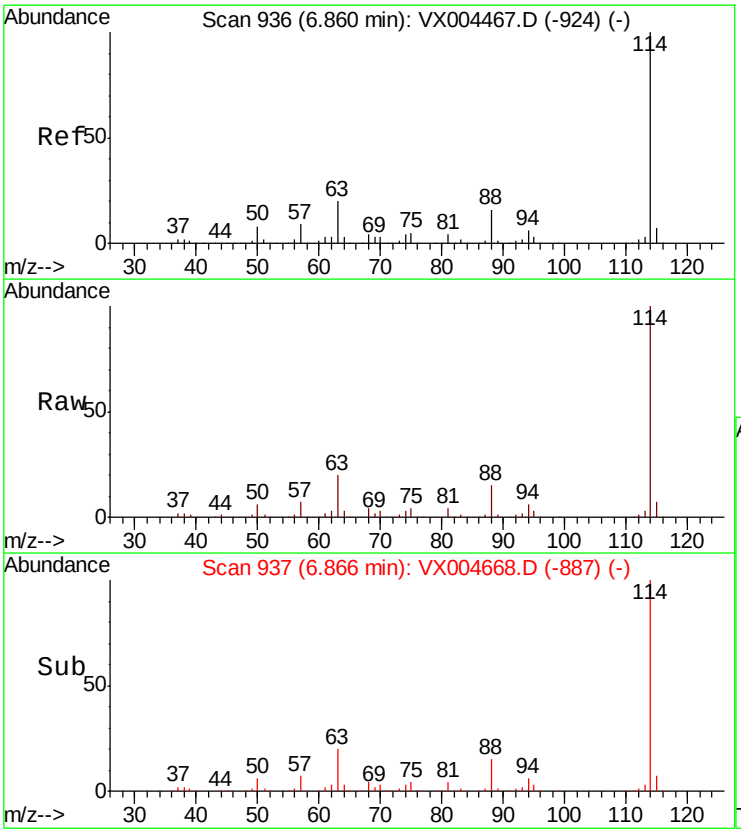
#33
1,2-Dichloroethane-d4
Concen: 44.220 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

Tgt Ion: 65 Resp: 133828

Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	106.8

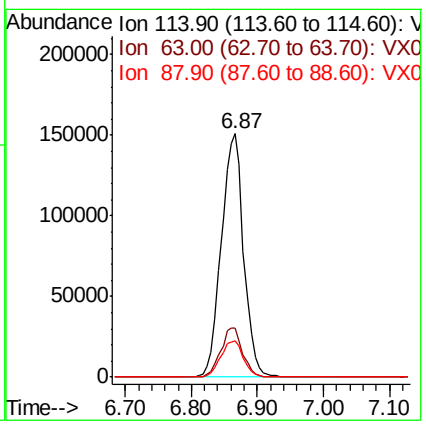


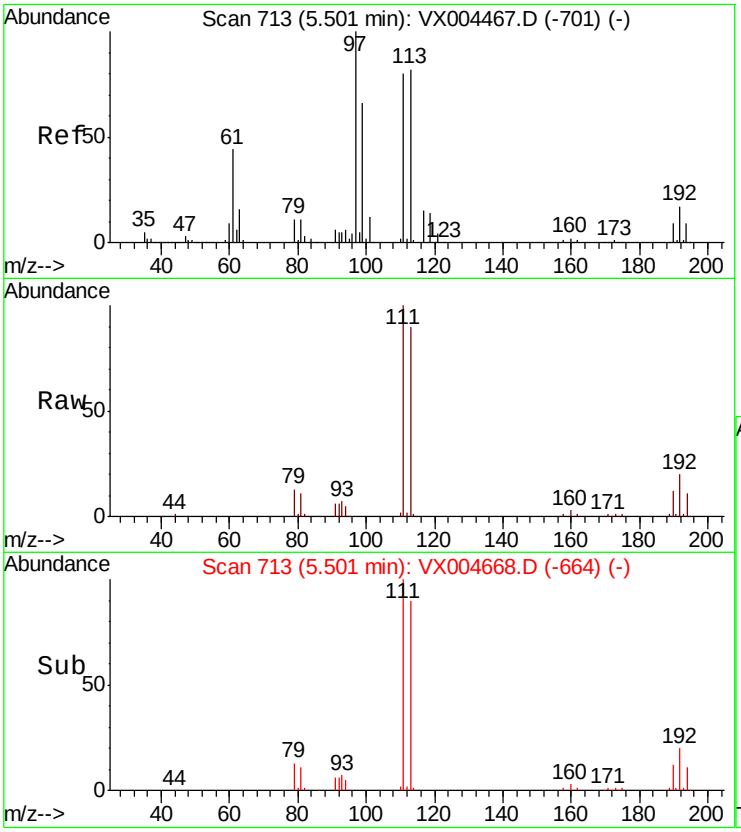


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion:114 Resp: 352349

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.0
88	15.0	0.0	30.4



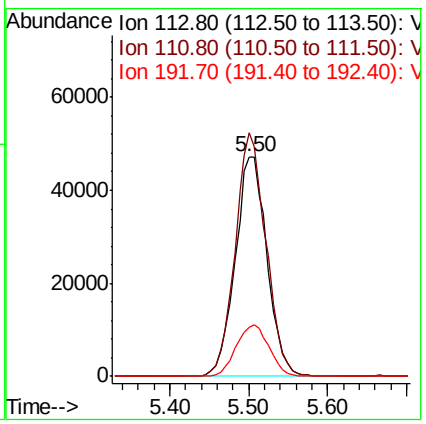


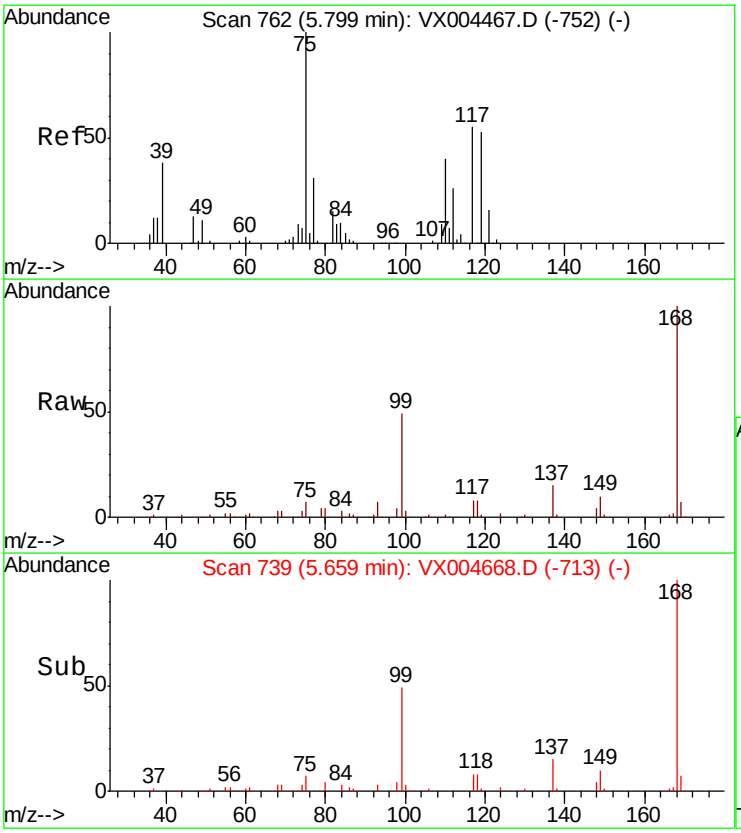
#35
Dibromofluoromethane
Concen: 41.091 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

Tgt Ion:113 Resp: 132491

Ion	Ratio	Lower	Upper
113	100		
111	106.6	82.4	123.6
192	24.2	19.4	29.2

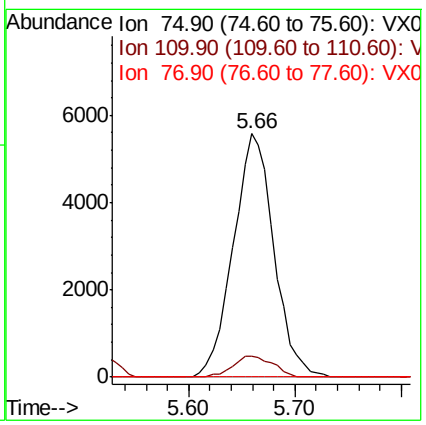


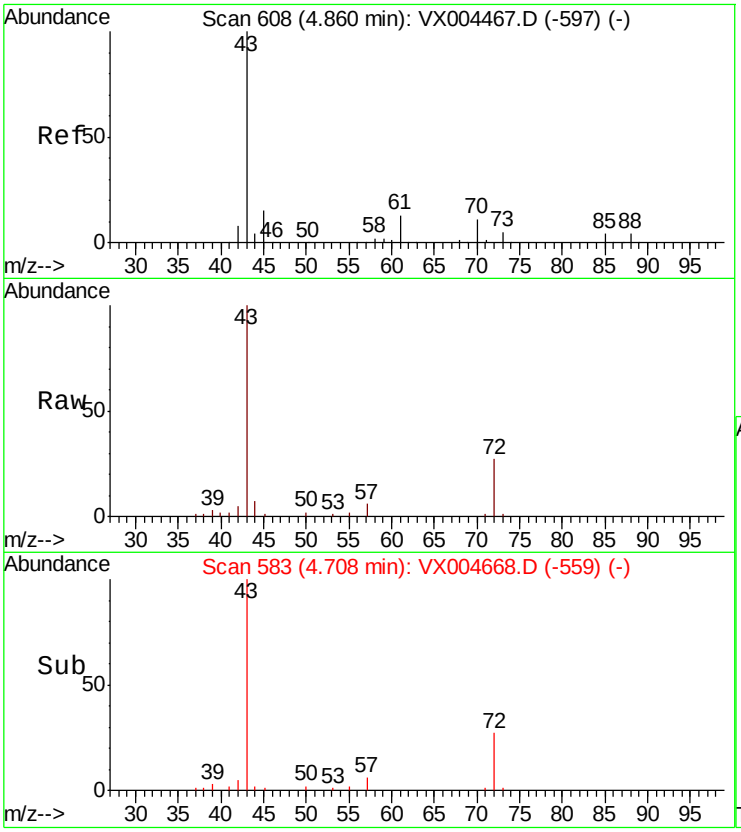


#36
1,1-Dichloropropene
Concen: 3.476 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion: 75 Resp: 14868

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.0	54.0#
77	0.0	24.6	36.8#



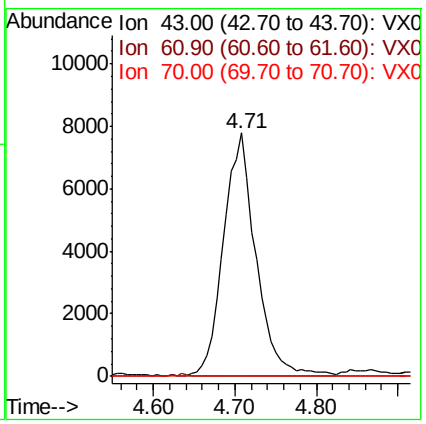


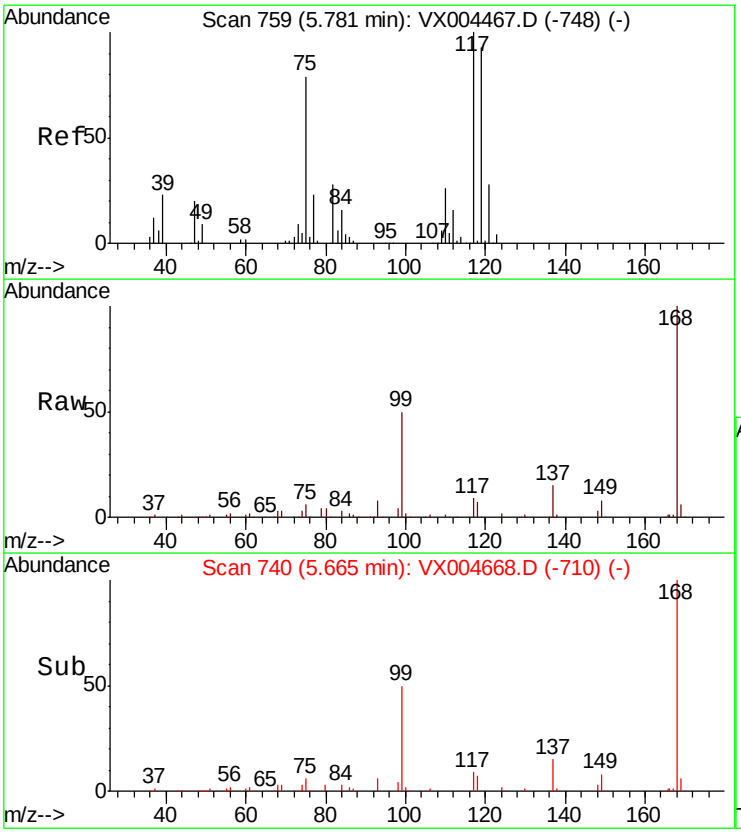
#37
Ethyl Acetate
Concen: 4.413 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.15 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument : MSVOA_X
ClientSampleId : RB44766RT

Tgt Ion: 43 Resp: 21469

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

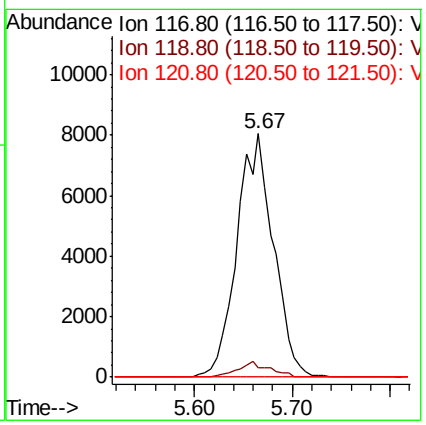


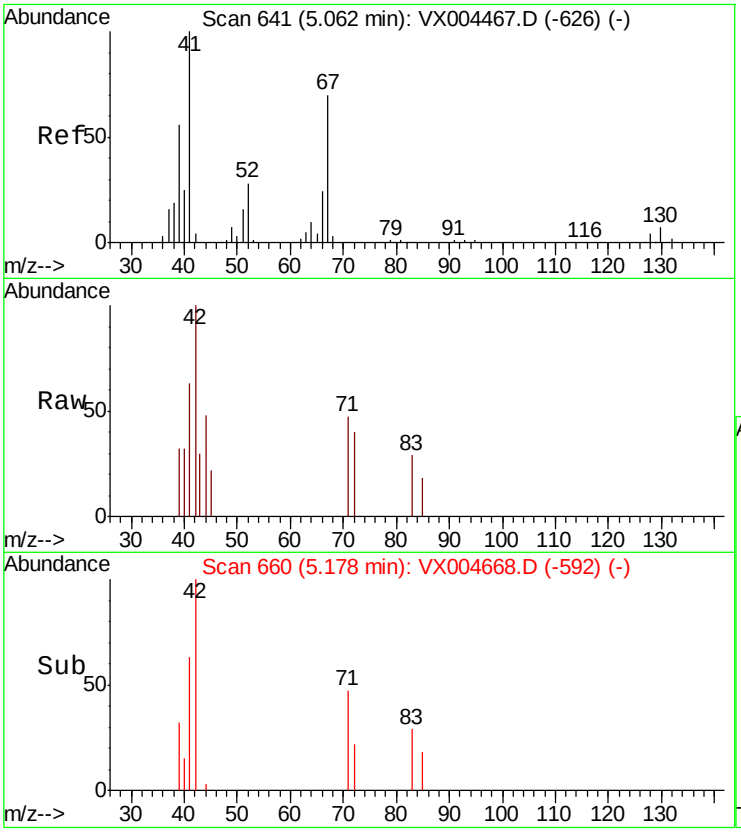


#38
Carbon Tetrachloride
Concen: 4.962 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion:117 Resp: 20731

Ion	Ratio	Lower	Upper
117	100		
119	3.9	78.8	118.2#
121	0.0	24.9	37.3#



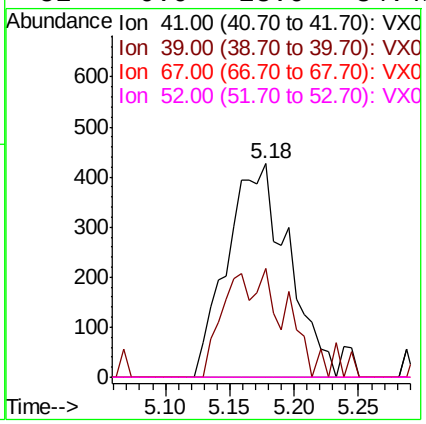


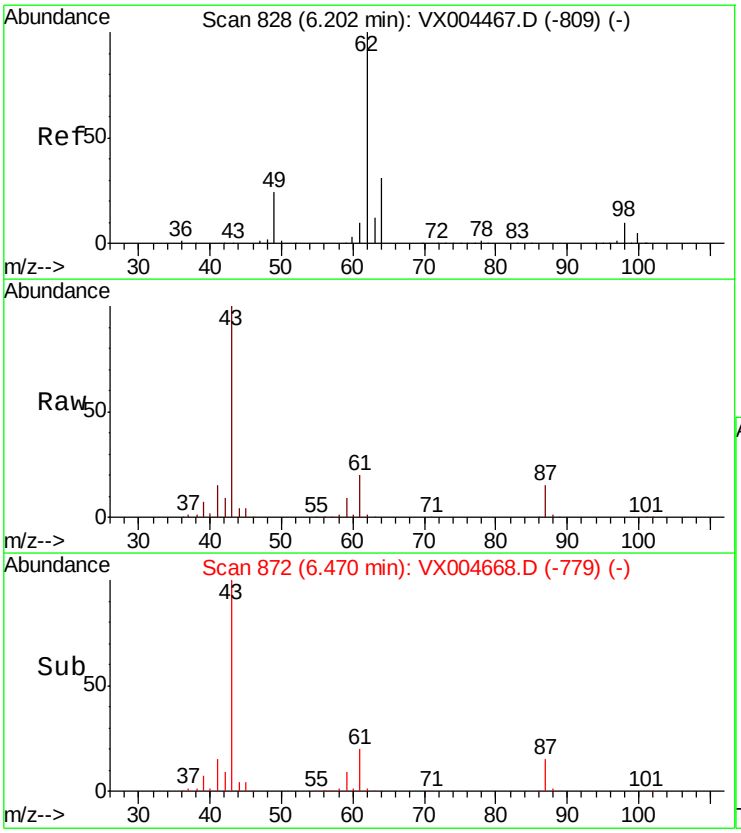
#41
Methacrylonitrile
Concen: 0.525 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.12 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument : MSVOA_X
ClientSampleId : RB44766RT

Tgt Ion: 41 Resp: 1406

Ion	Ratio	Lower	Upper
41	100		
39	23.4	42.4	63.6#
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#

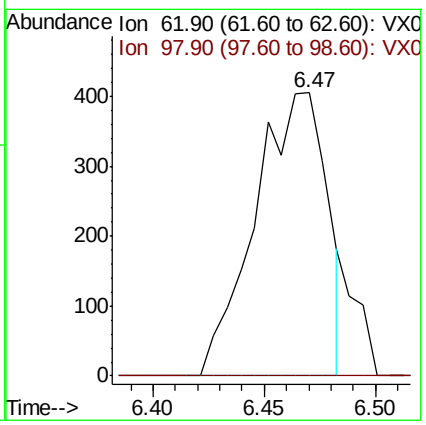


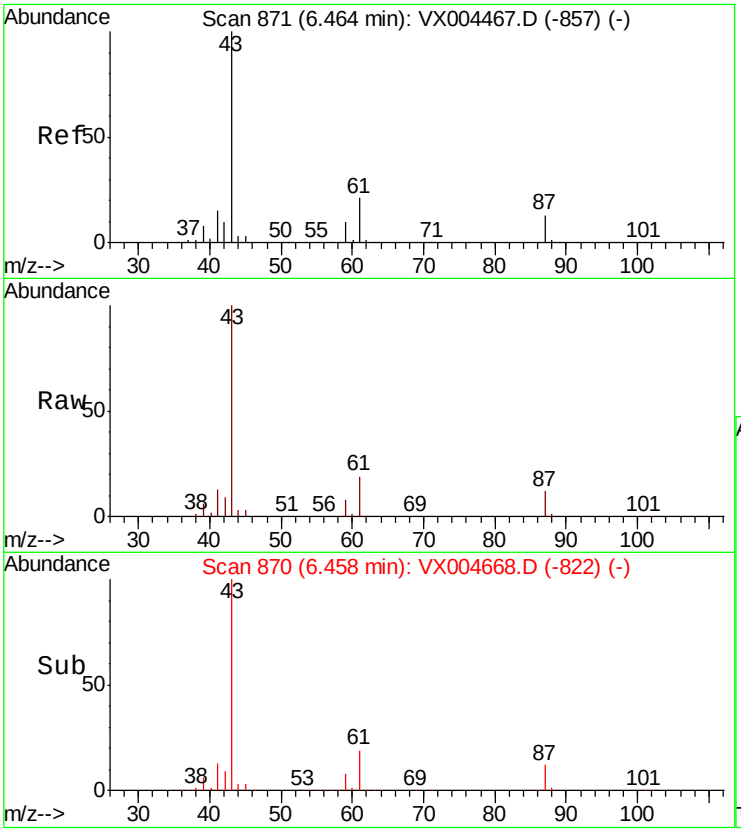


#42
1,2-Dichloroethane
Concen: 0.217 ug/l
RT: 6.47 min Scan# 872
Delta R.T. 0.27 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion: 62 Resp: 913

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.6



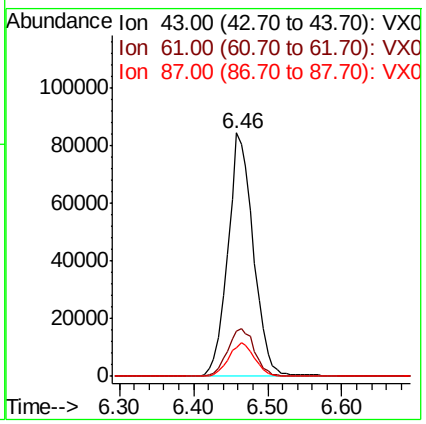


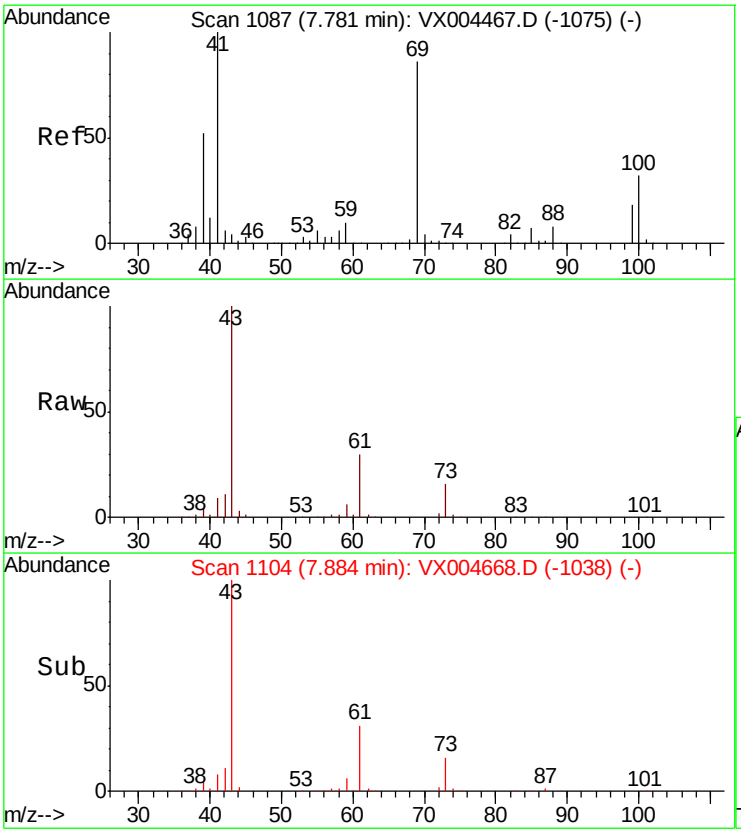
#43
Isopropyl Acetate
Concen: 31.193 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

Tgt Ion: 43 Resp: 201569

Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.0	25.4
87	14.1	11.4	17.2

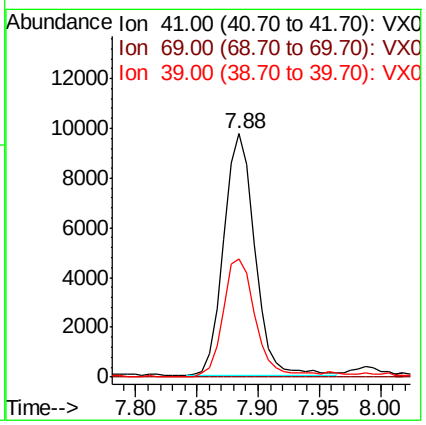


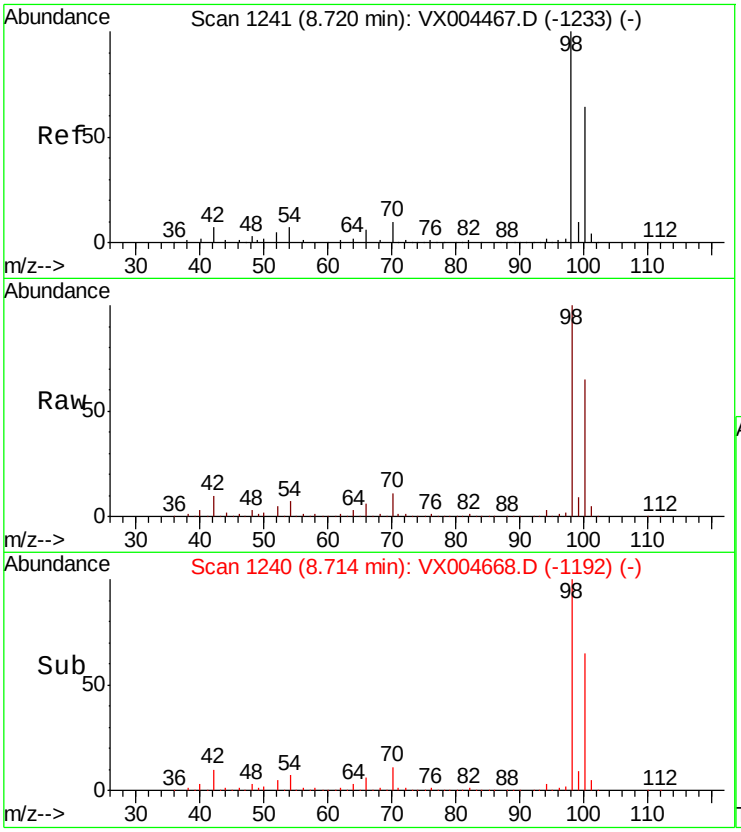


#48
Methyl methacrylate
Concen: 5.365 ug/l
RT: 7.88 min Scan# 1104
Delta R.T. 0.10 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion: 41 Resp: 17156

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	50.8	42.7	64.1



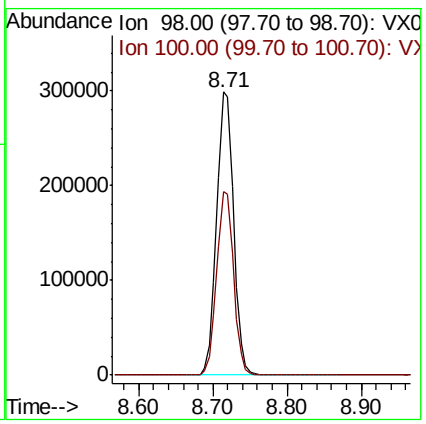


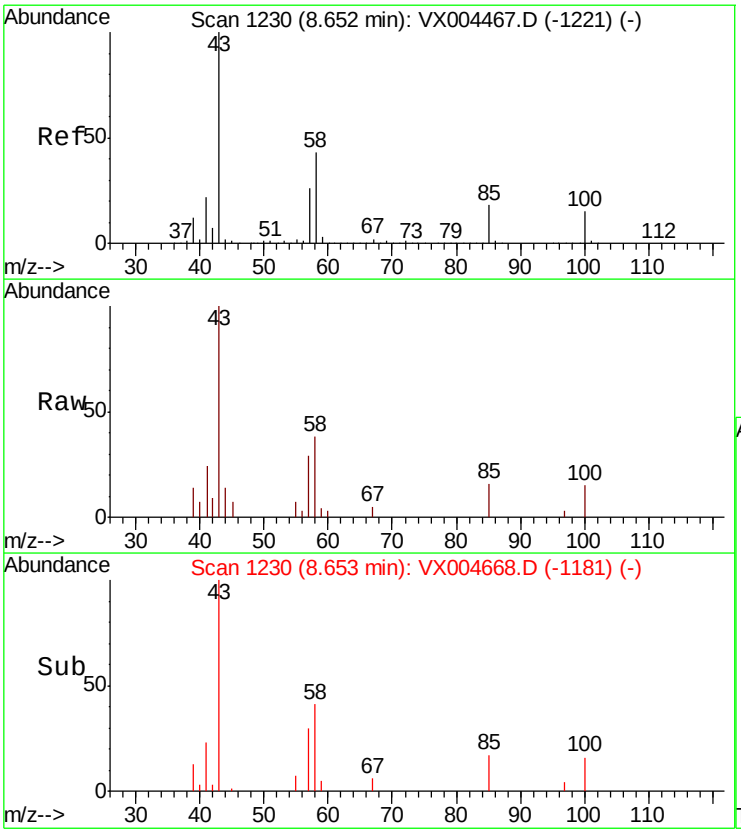
#50
Toluene-d8
Concen: 43.383 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

Tgt Ion: 98 Resp: 469092

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.9	79.3

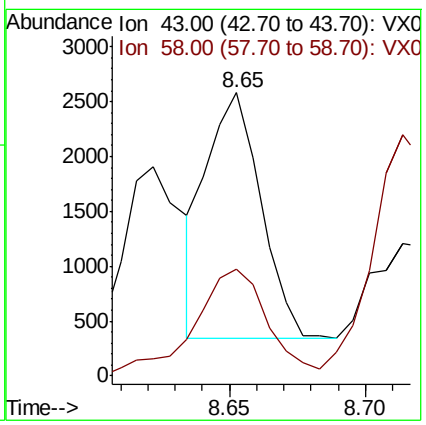


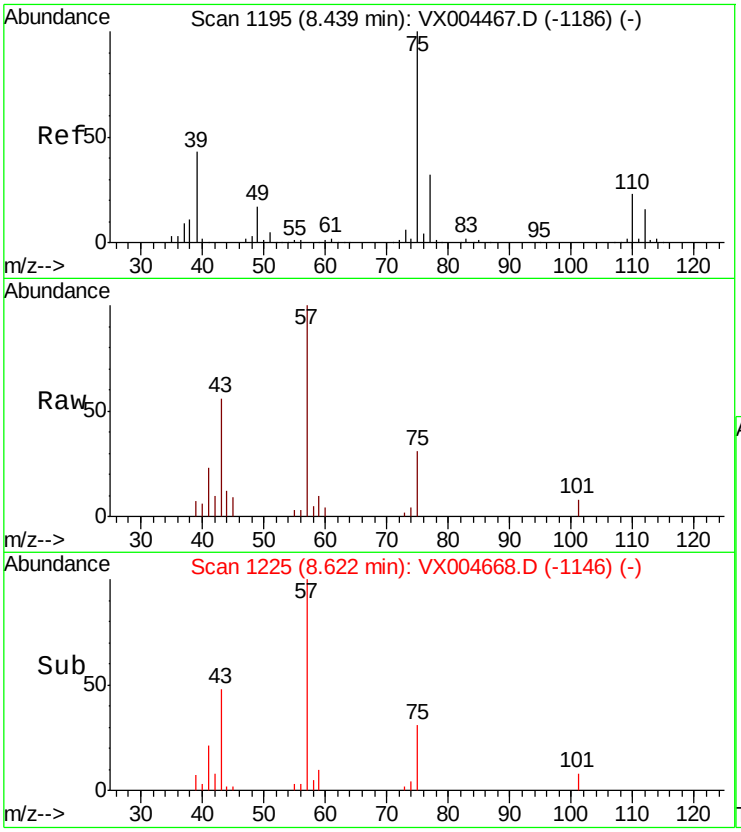


#51
4-Methyl-2-Pentanone
Concen: 0.681 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion: 43 Resp: 3104

Ion	Ratio	Lower	Upper
43	100		
58	59.4	33.1	49.7#



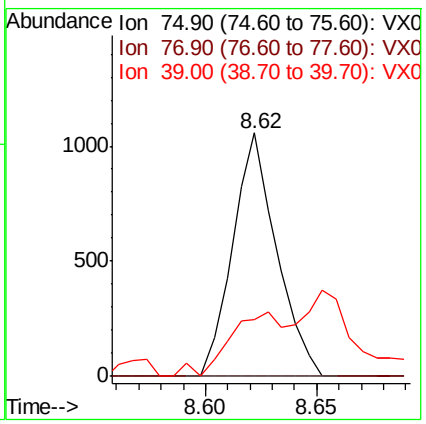


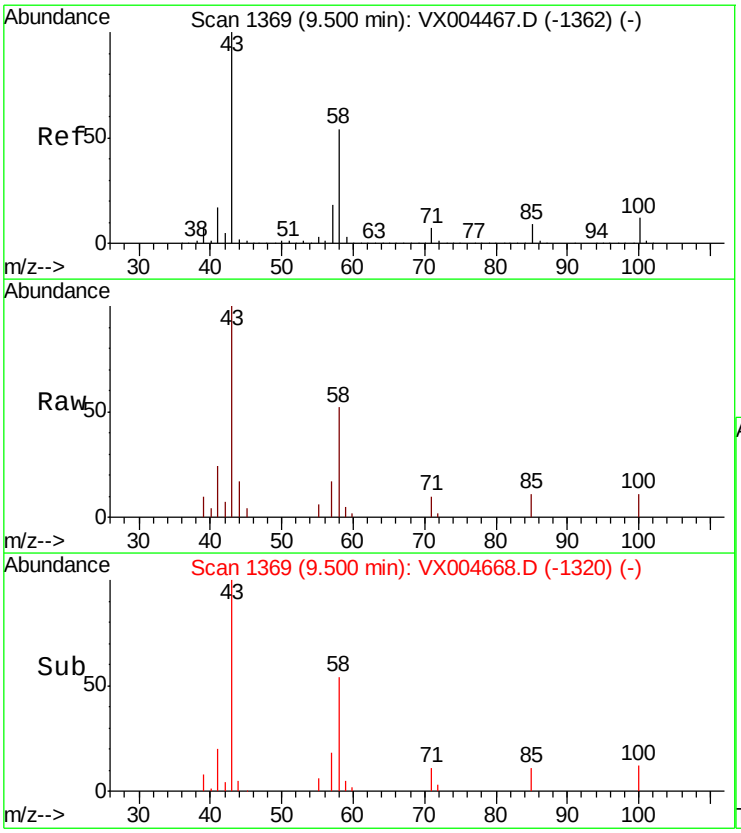
#54
cis-1,3-Dichloropropene
Concen: 0.335 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument : MSVOA_X
ClientSampleId : RB44766RT

Tgt Ion: 75 Resp: 1454

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	17.7	36.4	54.6#

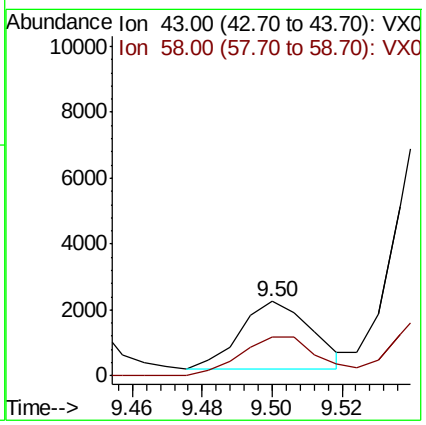


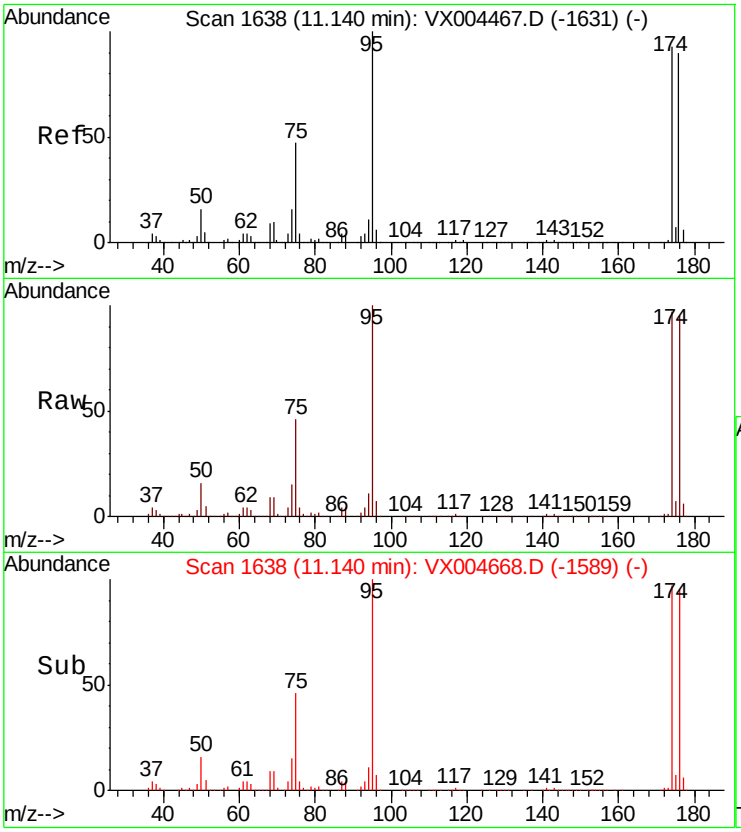


#59
2-Hexanone
Concen: 0.828 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion: 43 Resp: 2896

Ion	Ratio	Lower	Upper
43	100		
58	64.3	29.0	87.0



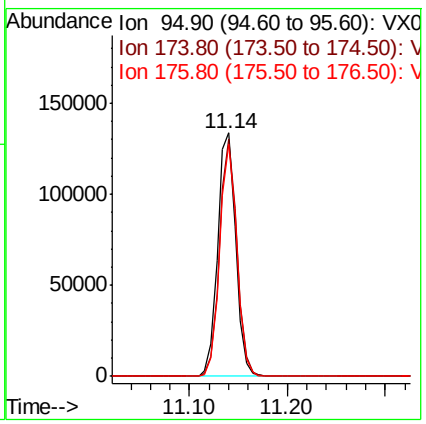


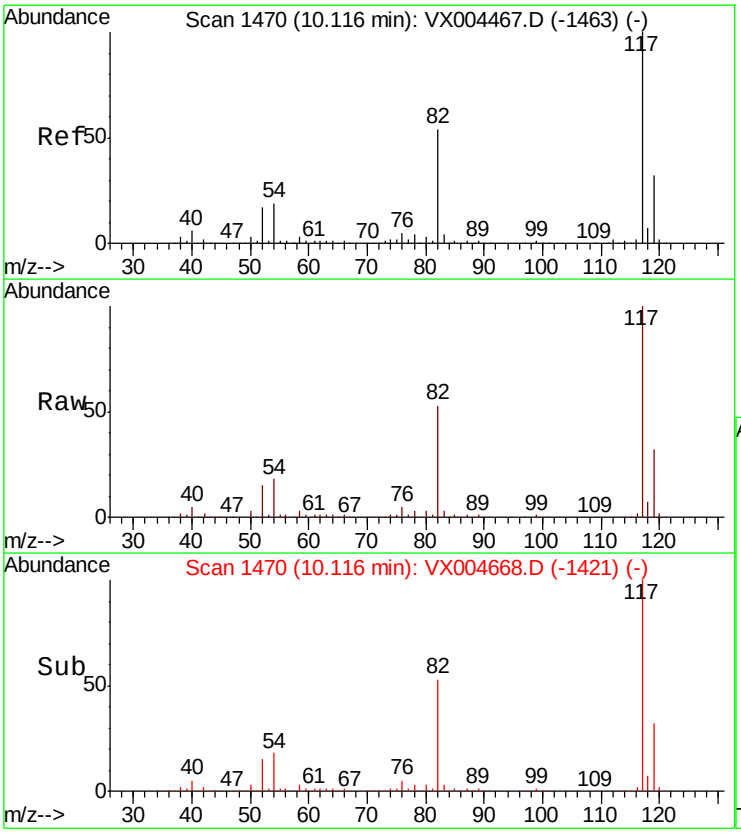
#62
4-Bromofluorobenzene
Concen: 44.250 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

Tgt Ion: 95 Resp: 170793

Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	185.2
176	90.8	0.0	178.6

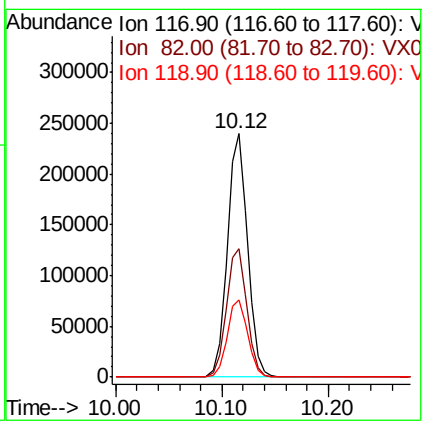


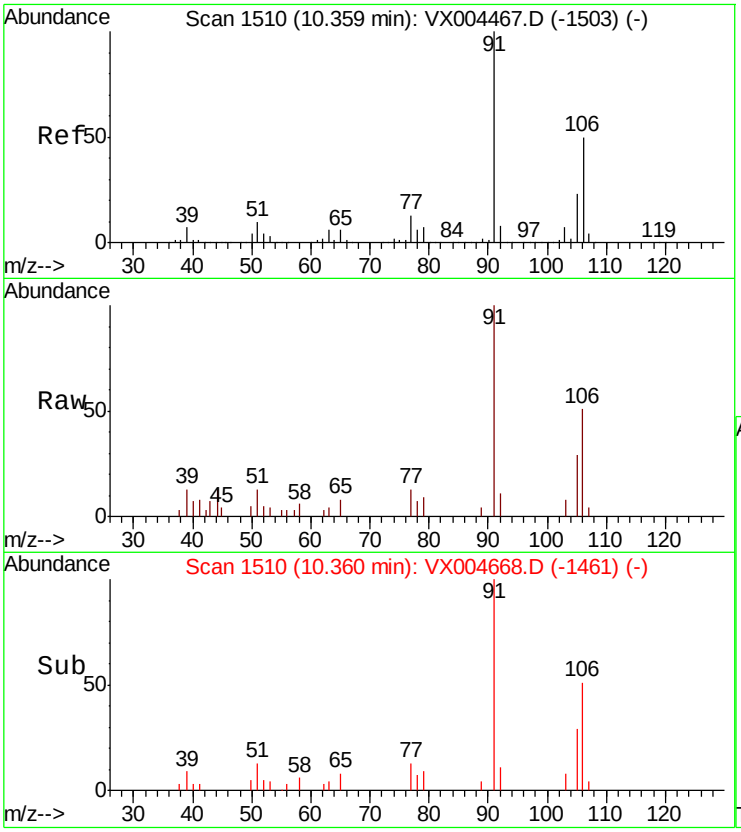


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion:117 Resp: 318000

Ion	Ratio	Lower	Upper
117	100		
82	52.7	47.8	71.6
119	31.9	29.3	43.9



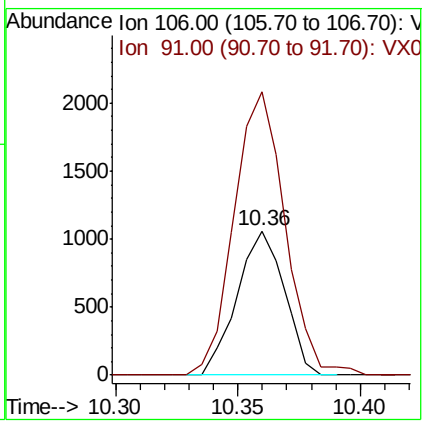


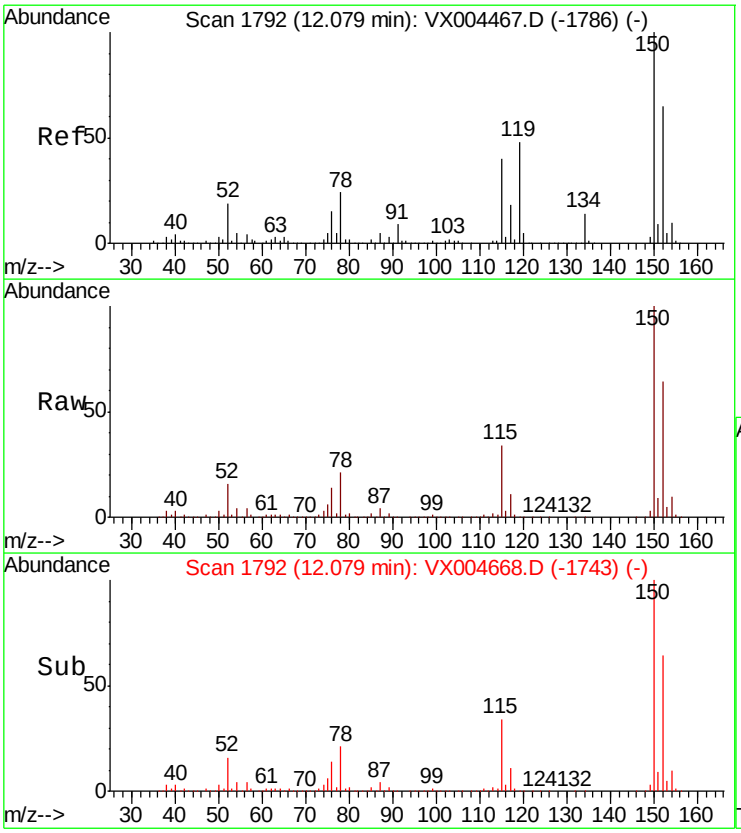
#68
m/p-Xylenes
Concen: 0.290 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument : MSVOA_X
ClientSampleId : RB44766RT

Tgt Ion:106 Resp: 1435

Ion	Ratio	Lower	Upper
106	100		
91	211.3	157.1	235.7

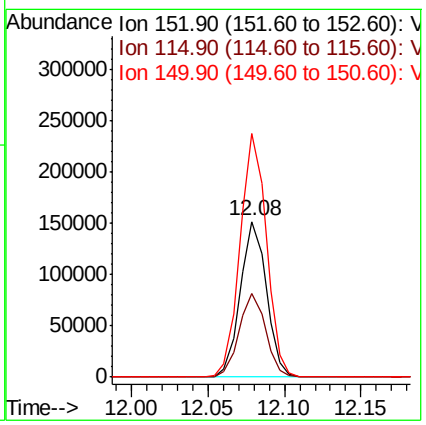


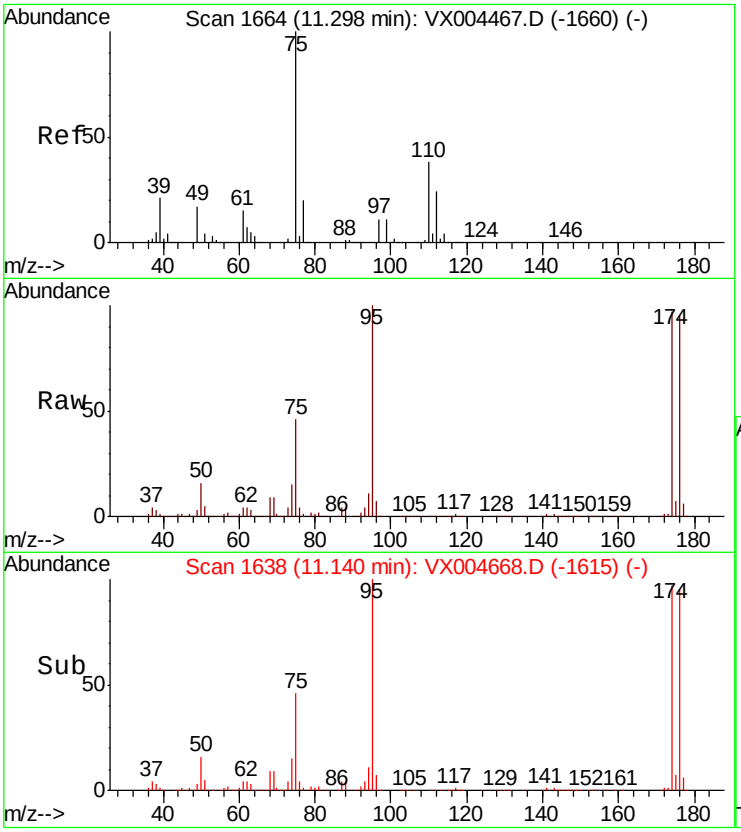


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion:152 Resp: 179559

Ion	Ratio	Lower	Upper
152	100		
115	54.4	39.0	117.0
150	158.4	0.0	351.0



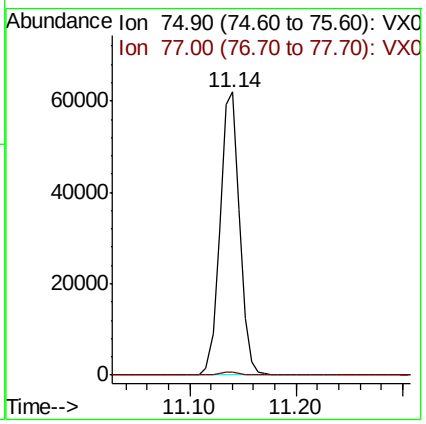


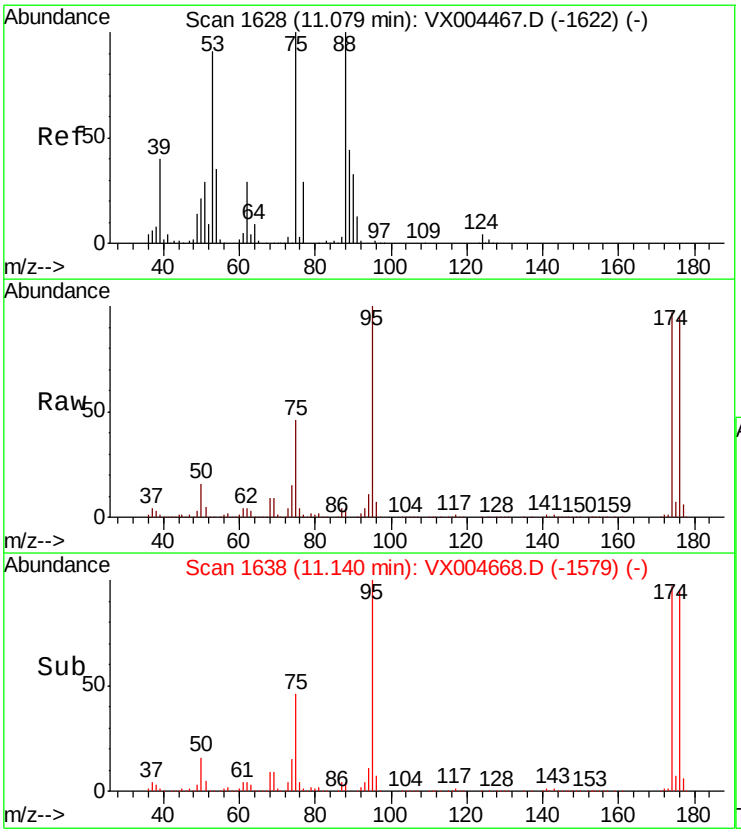
#76
1,2,3-Trichloropropane
Concen: 21.937 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

Tgt Ion: 75 Resp: 79249

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

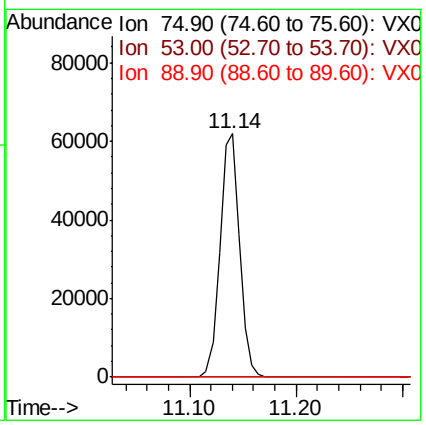


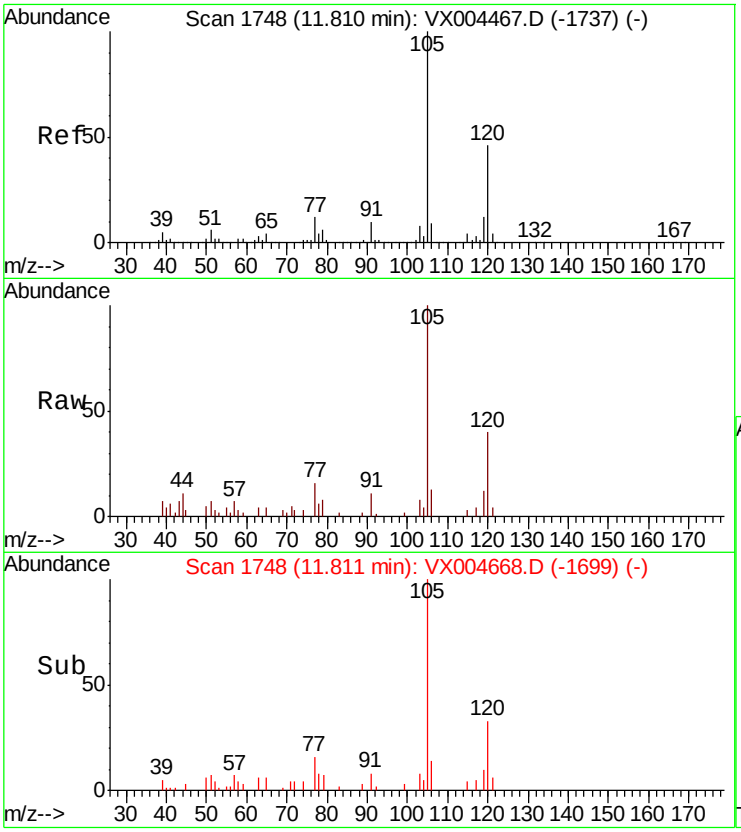


#81
trans-1,4-Dichloro-2-butene
Concen: 69.924 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion: 75 Resp: 79249

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



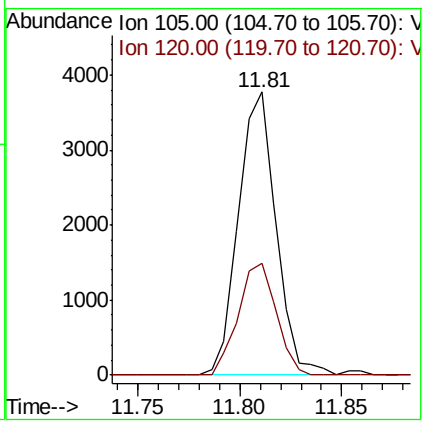


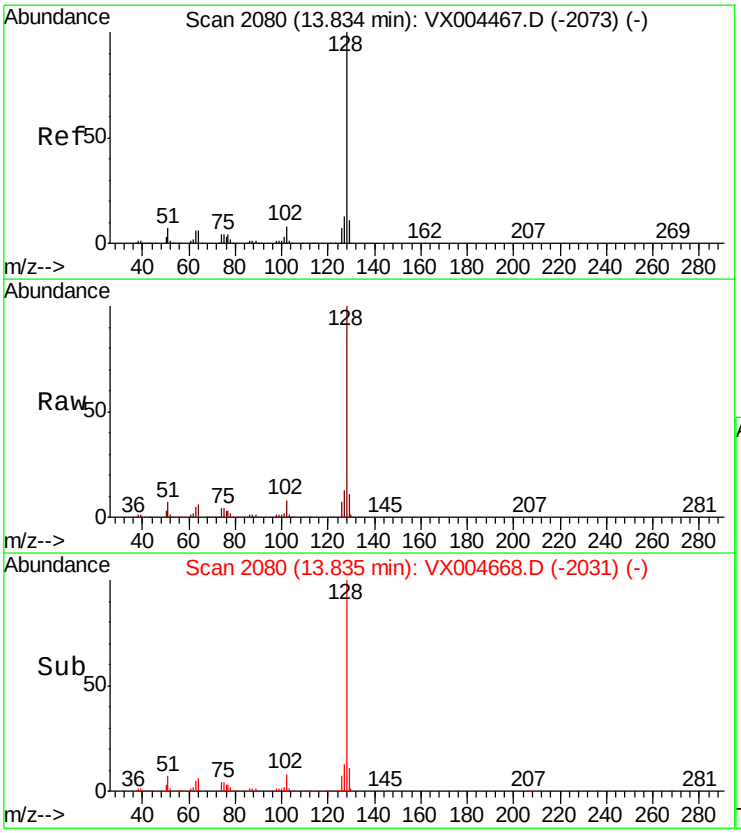
#84
1,2,4-Trimethylbenzene
Concen: 0.475 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

Tgt Ion:105 Resp: 4825

Ion	Ratio	Lower	Upper
105	100		
120	40.0	23.2	69.6





#95
Naphthalene
Concen: 31.572 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion:128 Resp: 387024

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.6	12.8