Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110218\
Data File : VX005767.D
Acq On : 02 Nov 2018 20:04
Operator : JC/MD
Sample : J5767-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CL-02-110118-B

Quant Time: Nov 03 01:30:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	107322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	168134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	154765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	64507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	80142	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.16%			
35) Dibromofluoromethane	5.51	113	63024	54.14	ug/l	0.01
Spiked Amount 50.000			Recovery = 108.28%			
50) Toluene-d8	8.72	98	214417	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.02%			
62) 4-Bromofluorobenzene	11.14	95	65669	43.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.16%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	352	0.241	ug/l	99
6) Chloroethane	1.68	64	83	Below Cal	#	42
11) Tert butyl alcohol	3.07	59	139	0.326	ug/l #	44
13) Acrolein	2.28	56	19	12.242	ug/l #	1
16) Acetone	2.45	43	6577	Below Cal		93
18) Methyl Acetate	2.78	43	6820	3.029	ug/l	95
20) Methylene Chloride	2.85	84	9956	7.358	ug/l	93
25) 2-Butanone	4.71	43	947	0.715	ug/l	96
29) Tetrahydrofuran	5.17	42	601	0.744	ug/l #	67
31) Cyclohexane	5.67	56	2698	1.287	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	9715	5.423	ug/l #	48
38) Carbon Tetrachloride	5.67	117	10290	6.358	ug/l #	17
43) Isopropyl Acetate	6.46	43	85338	25.727	ug/l	99
48) Methyl methacrylate	7.69	41	4103	2.556	ug/l #	25
51) 4-Methyl-2-Pentanone	8.62	43	1171	0.518	ug/l #	51
52) Toluene	8.78	92	969	0.336	ug/l	90
54) cis-1,3-Dichloropropene	8.63	75	495	0.260	ug/l #	71
56) Ethyl methacrylate	9.01	69	40	2.489	ug/l #	1
59) 2-Hexanone	9.55	43	4708	2.558	ug/l	64
67) Ethyl Benzene	10.26	91	2337	0.416	ug/l	90
68) m/p-Xylenes	10.36	106	2444	1.172	ug/l	88
69) o-Xylene	10.70	106	785	0.394	ug/l	79
76) 1,2,3-Trichloropropane	11.14	75	34998	21.784	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.51	105	1005	0.278	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.14	75	34998	70.381	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	2620	0.718	ug/l	93
95) Naphthalene	13.83	128	22875	5.085	ug/l	98

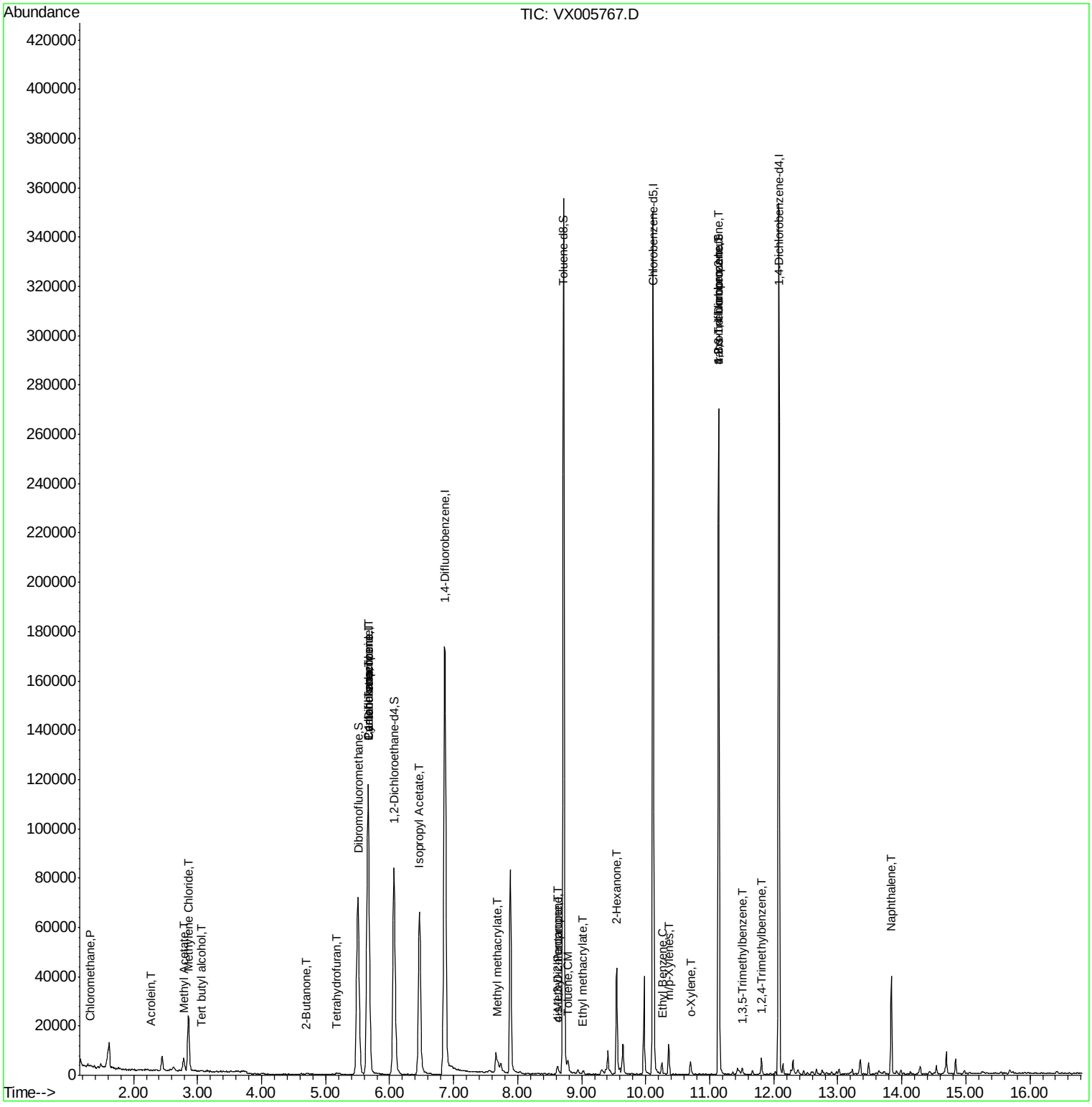
(#) = qualifier out of range (m) = manual integration (+) = signals summed

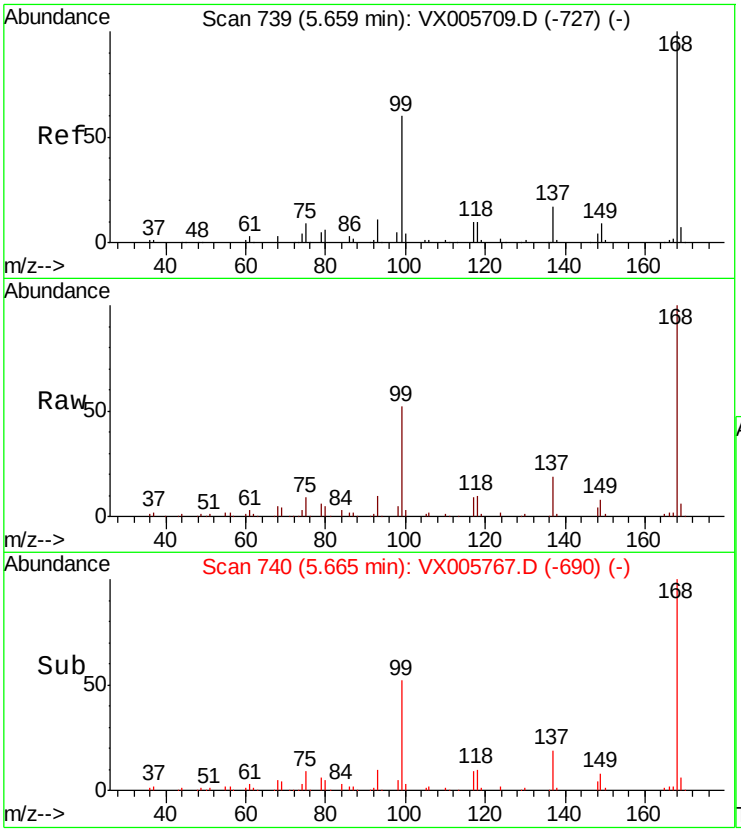
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110218\
Data File : VX005767.D
Acq On : 02 Nov 2018 20:04
Operator : JC/MD
Sample : J5767-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CL-02-110118-B

Quant Time: Nov 03 01:30:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration



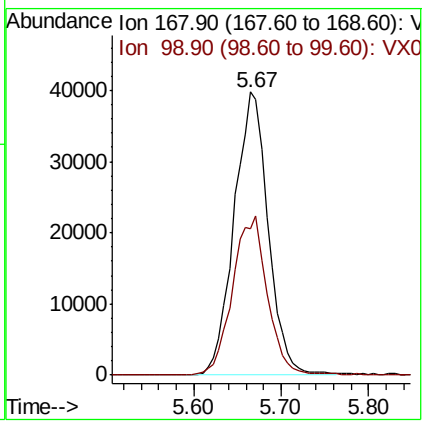


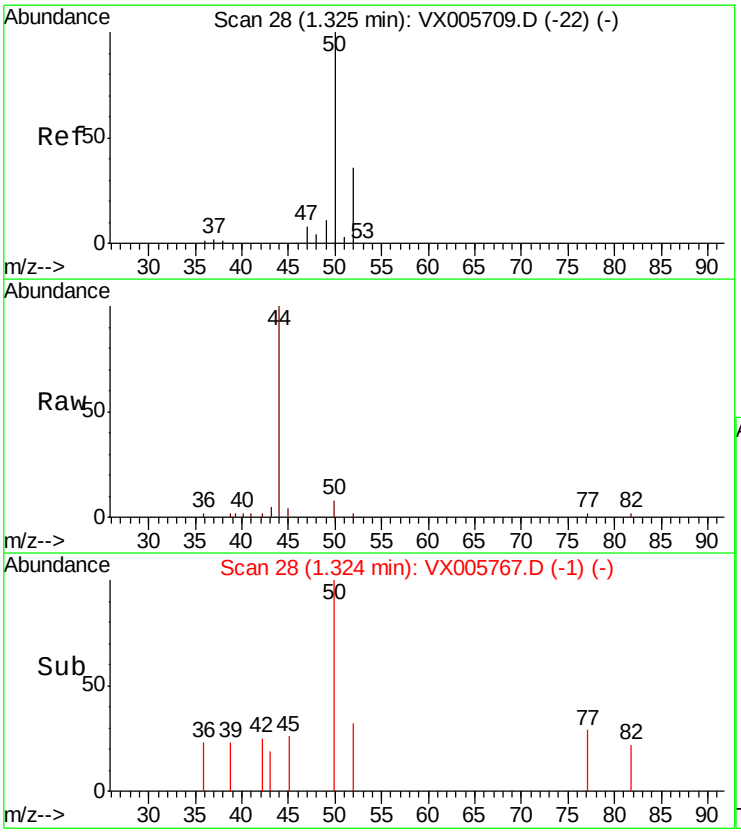
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
CL-02-110118-B

Tgt Ion:168 Resp: 107322

Ion	Ratio	Lower	Upper
168	100		
99	51.6	40.7	61.1

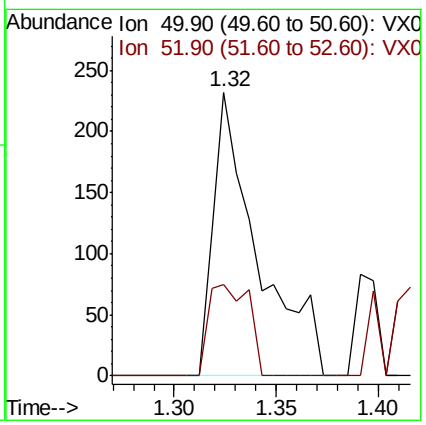


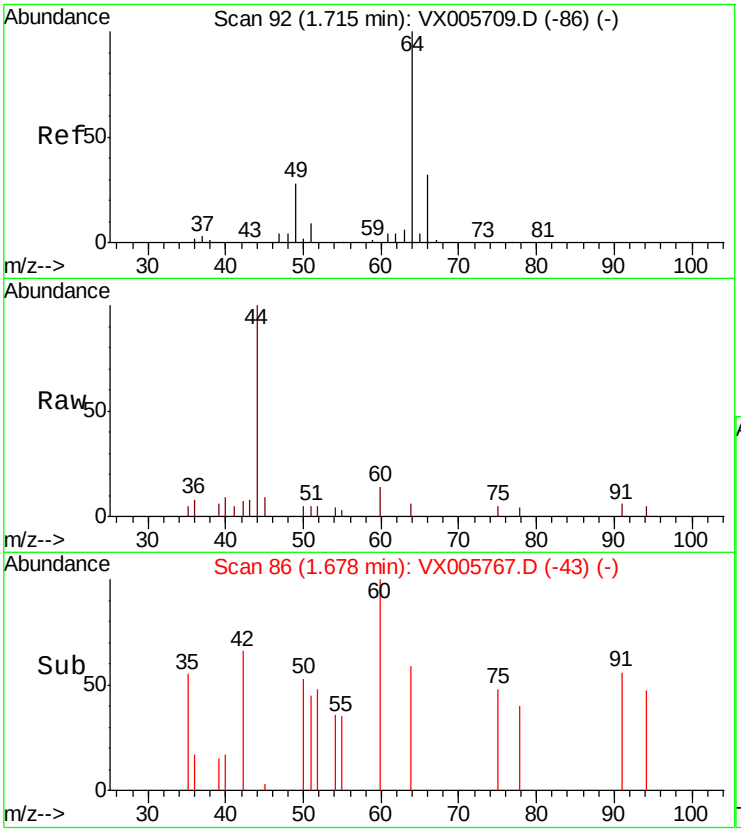


#3
Chloromethane
Concen: 0.241 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion: 50 Resp: 352

Ion	Ratio	Lower	Upper
50	100		
52	32.3	26.2	39.2



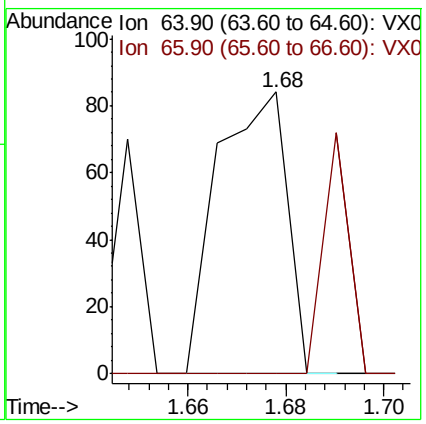


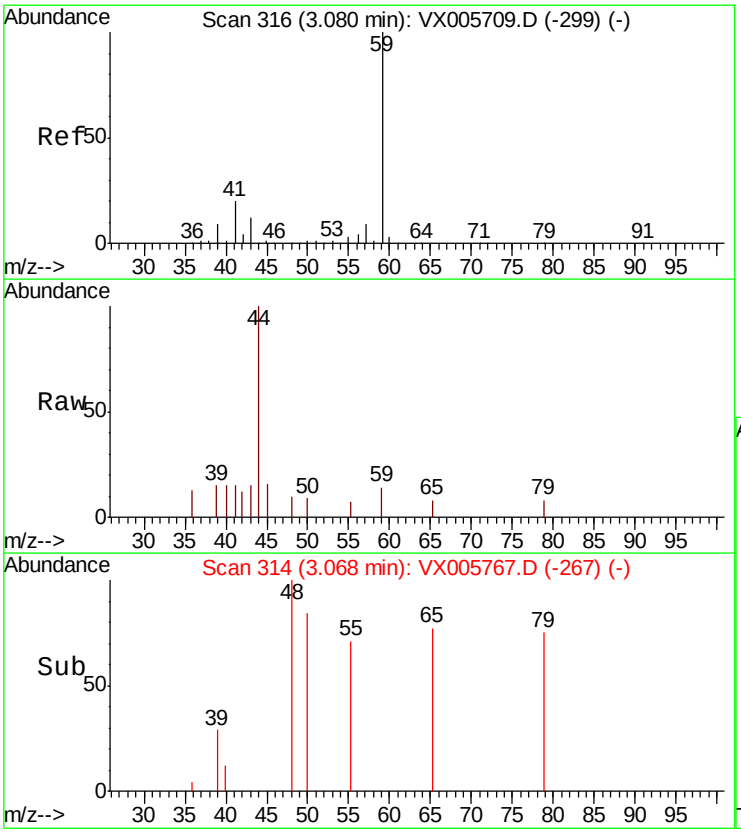
#6
Chloroethane
Concen: Below Cal
RT: 1.68 min Scan# 86
Delta R.T. -0.04 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument : MSVOA_X
ClientSampleId : CL-02-110118-B

Tgt Ion: 64 Resp: 83

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.6#

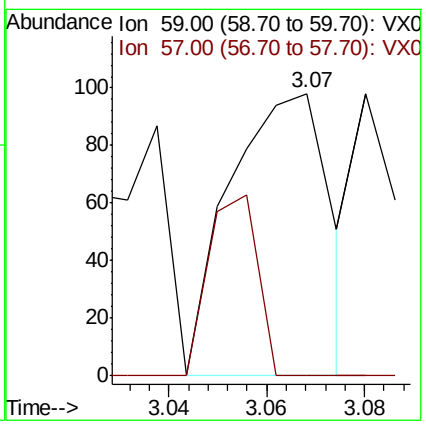


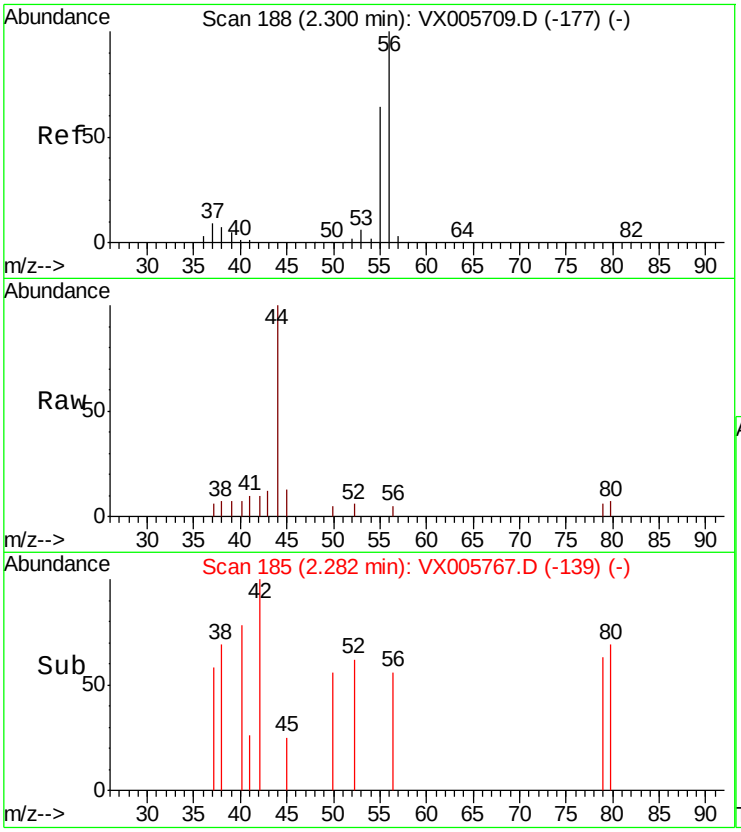


#11
Tert butyl alcohol
Concen: 0.326 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion: 59 Resp: 139

Ion	Ratio	Lower	Upper
59	100		
57	31.7	8.5	12.7#



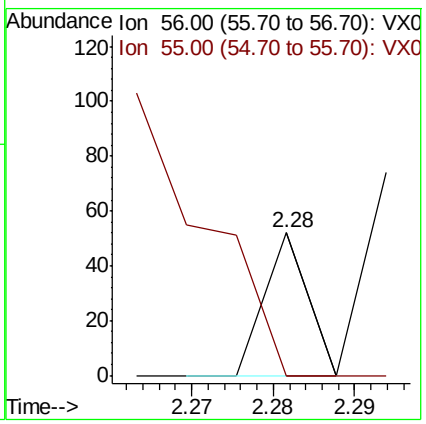


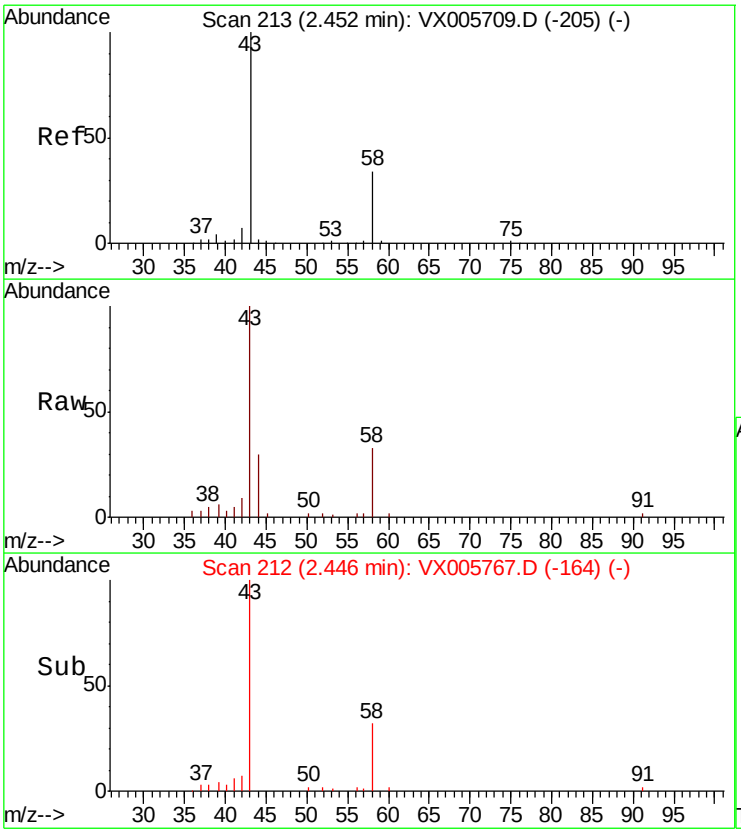
#13
Acrolein
Concen: 12.242 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.02 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument : MSVOA_X
ClientSampleId : CL-02-110118-B

Tgt Ion: 56 Resp: 19

Ion	Ratio	Lower	Upper
56	100		
55	252.6	57.3	85.9#

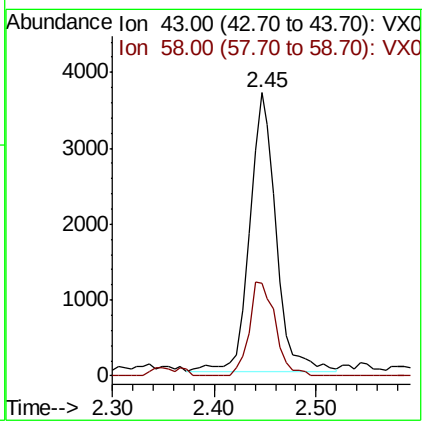


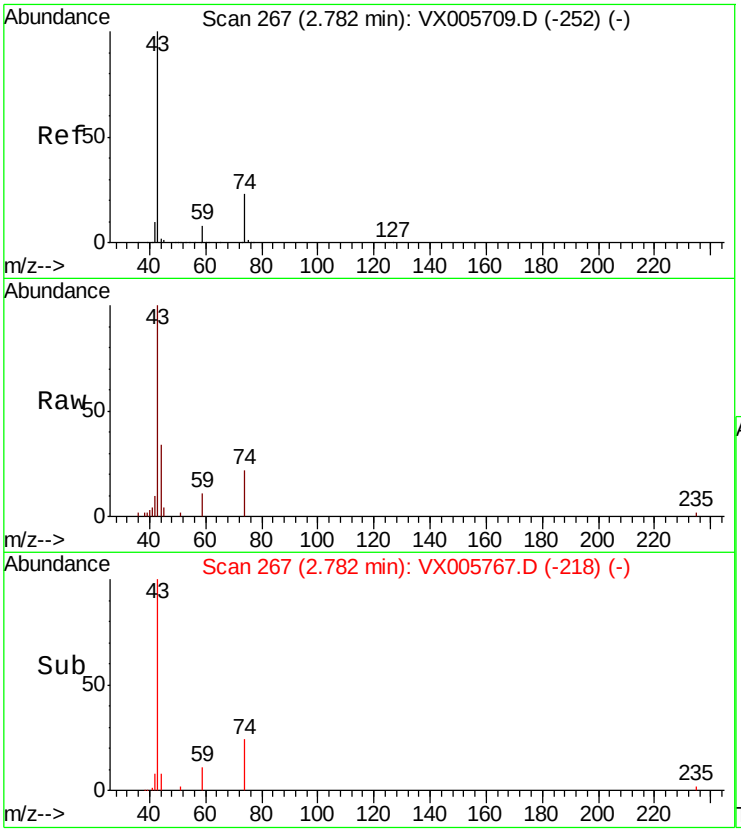


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion: 43 Resp: 6577

Ion	Ratio	Lower	Upper
43	100		
58	33.4	23.8	35.6



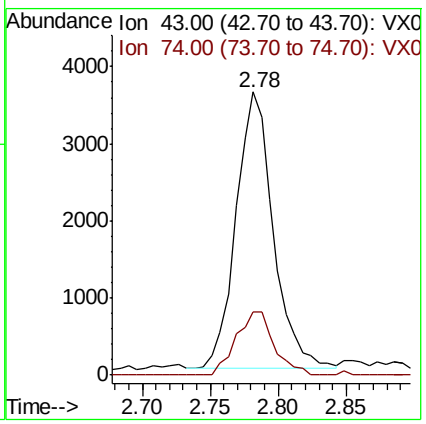


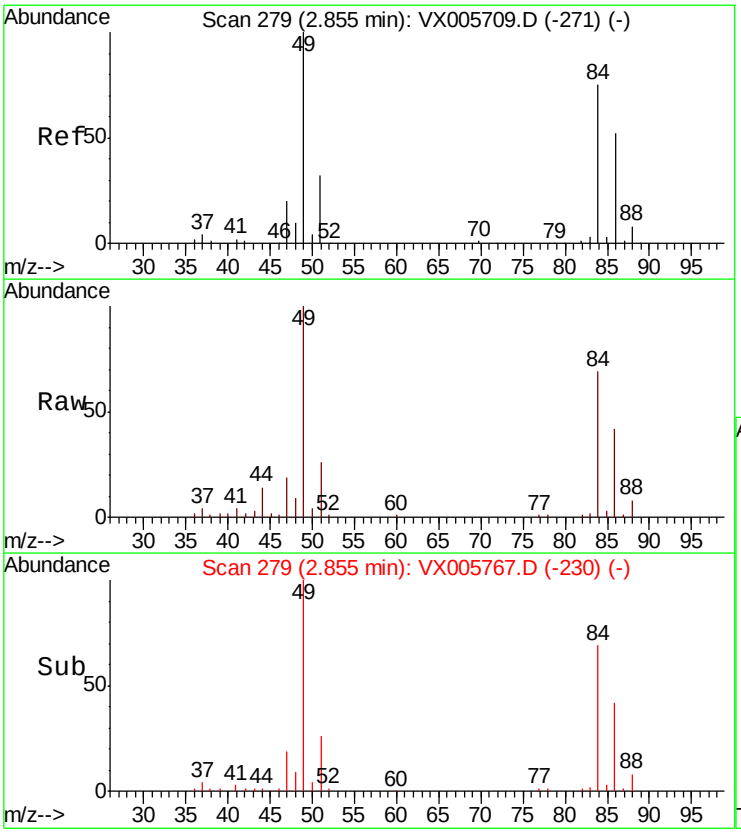
#18
Methyl Acetate
Concen: 3.029 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
CL-02-110118-B

Tgt Ion: 43 Resp: 6820

Ion	Ratio	Lower	Upper
43	100		
74	23.3	16.8	25.2

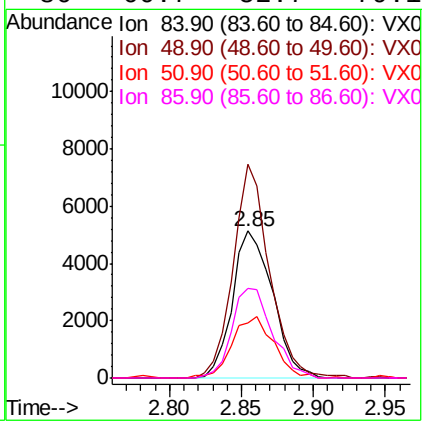


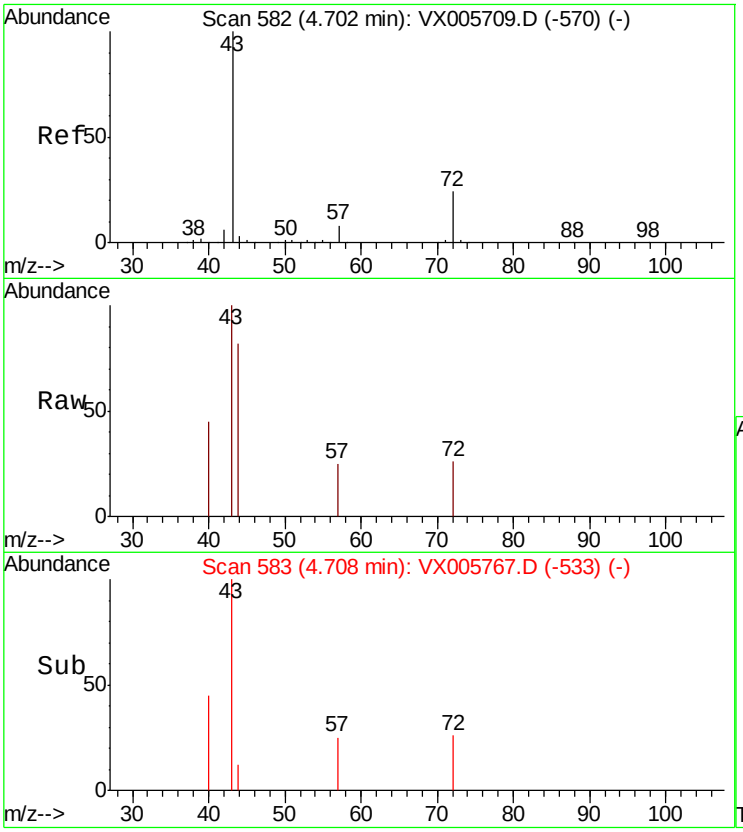


#20
Methylene Chloride
Concen: 7.358 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion: 84 Resp: 9956

Ion	Ratio	Lower	Upper
84	100		
49	145.6	109.5	164.3
51	37.7	33.3	49.9
86	60.7	52.7	79.1



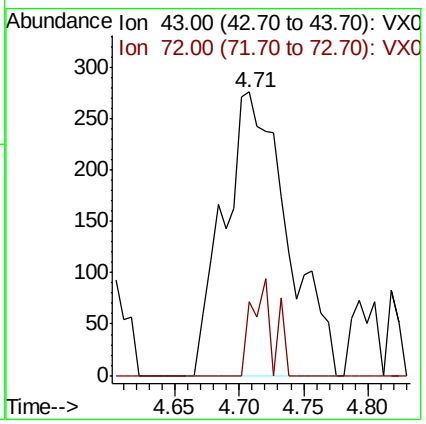


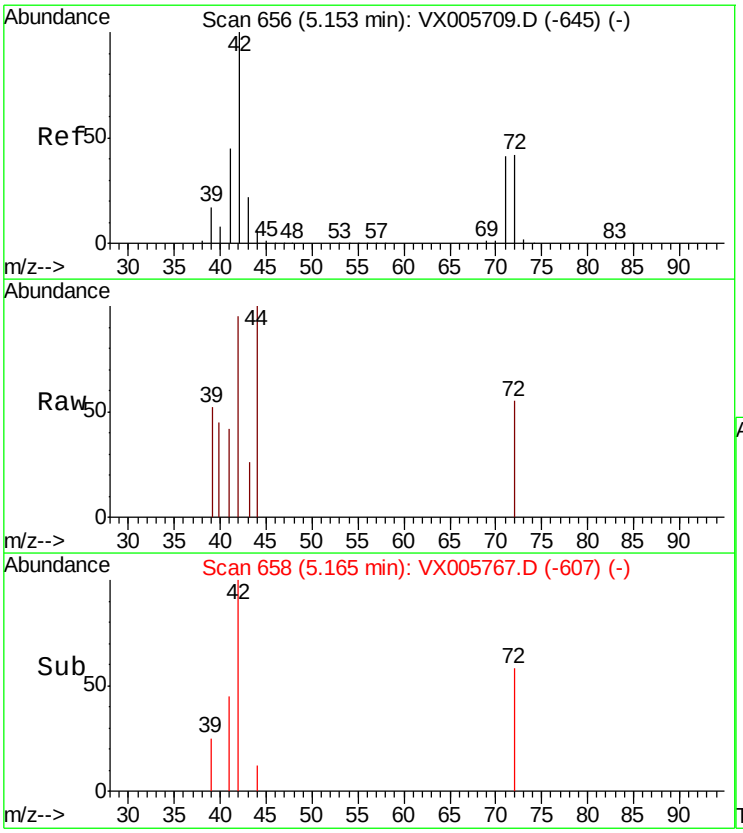
#25
2-Butanone
Concen: 0.715 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
CL-02-110118-B

Tgt Ion: 43 Resp: 947

Ion	Ratio	Lower	Upper
43	100		
72	26.1	19.2	28.8

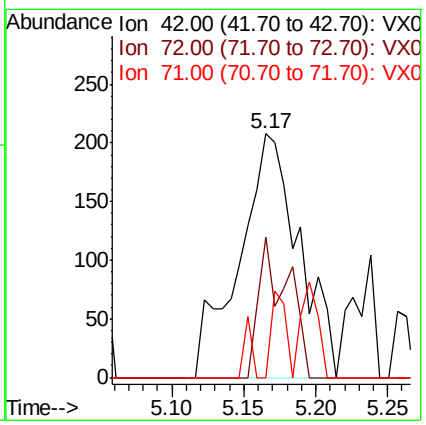


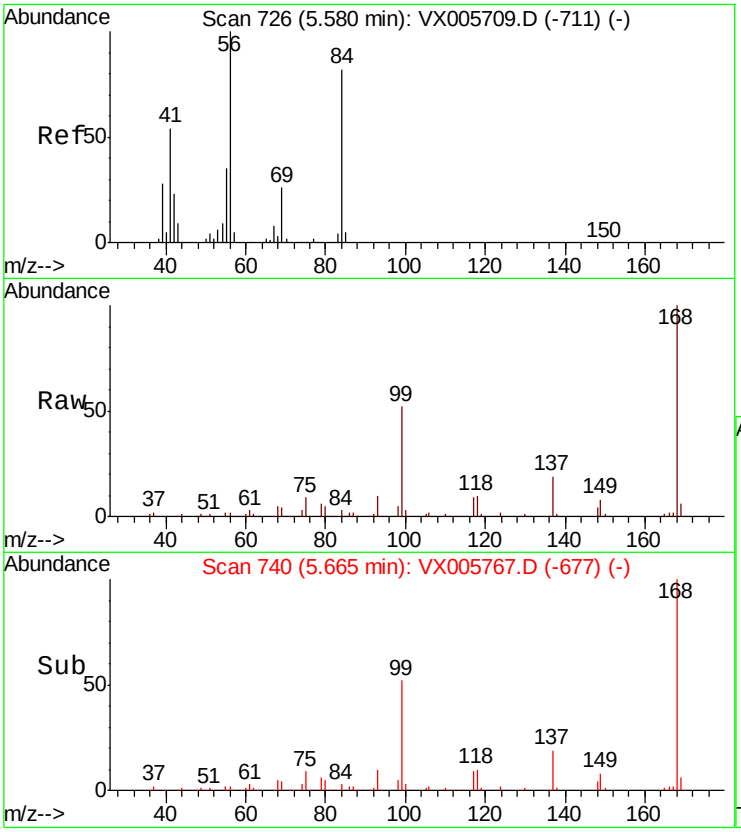


#29
Tetrahydrofuran
Concen: 0.744 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion: 42 Resp: 601

Ion	Ratio	Lower	Upper
42	100		
72	28.3	32.0	48.0#
71	8.3	29.8	44.8#



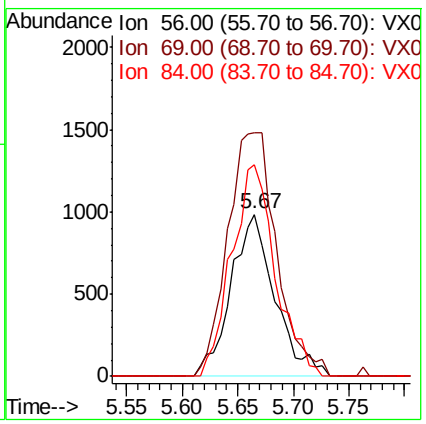


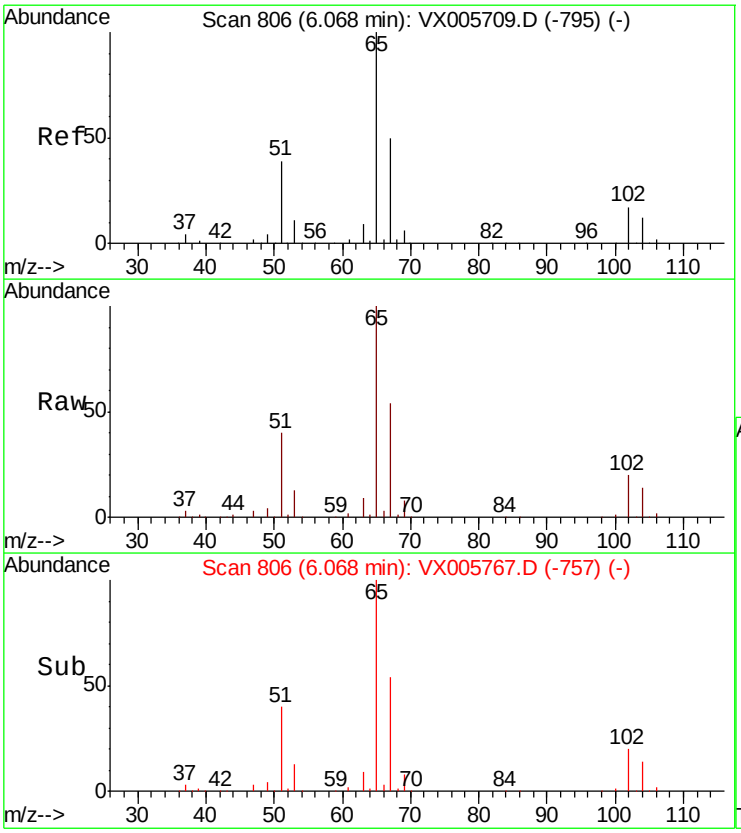
#31
Cyclohexane
Concen: 1.287 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument : MSVOA_X
ClientSampleId : CL-02-110118-B

Tgt Ion: 56 Resp: 2698

Ion	Ratio	Lower	Upper
56	100		
69	150.3	22.6	34.0#
84	130.6	62.7	94.1#

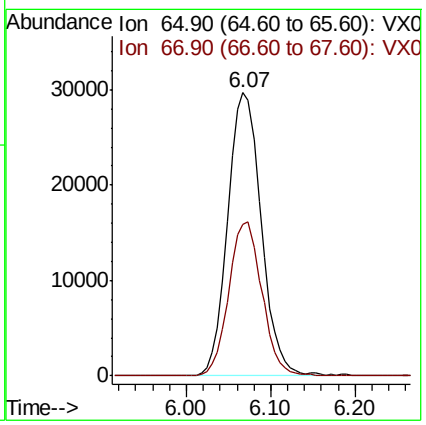


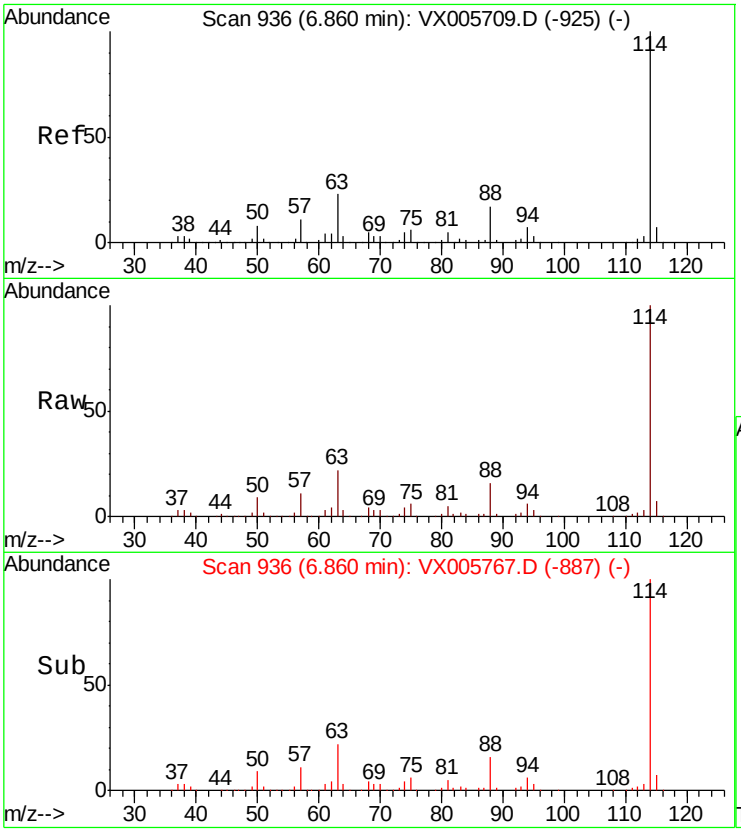


#33
1,2-Dichloroethane-d4
Concen: 51.076 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion: 65 Resp: 80142

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.0



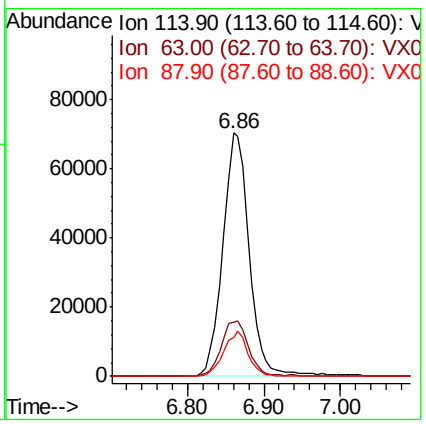


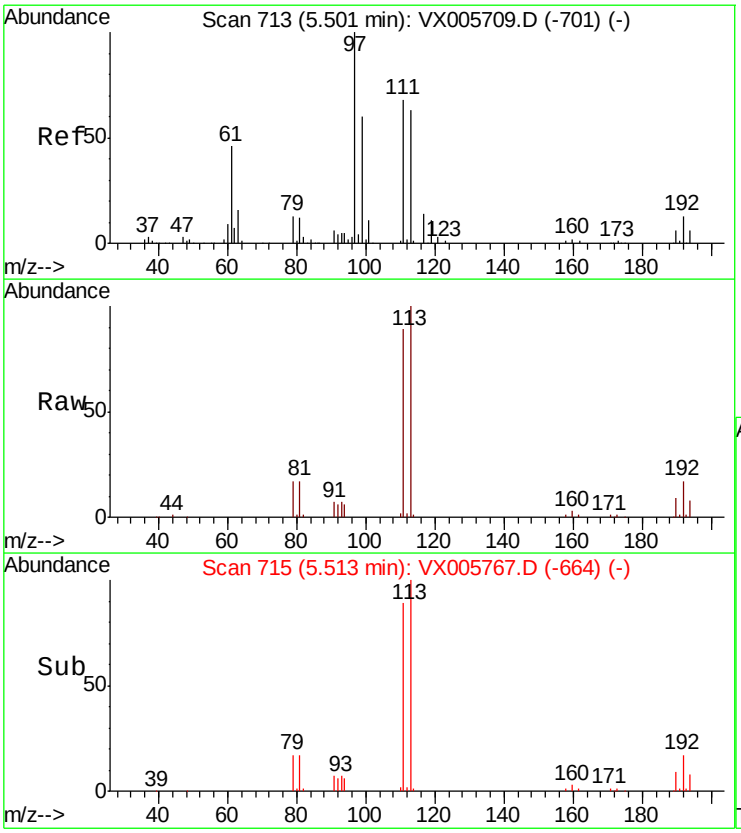
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
CL-02-110118-B

Tgt Ion:114 Resp: 168134

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	42.8
88	16.0	0.0	31.2

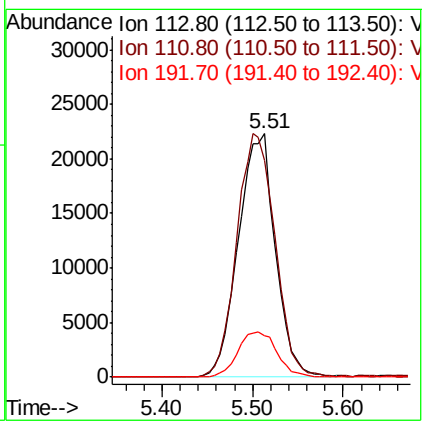


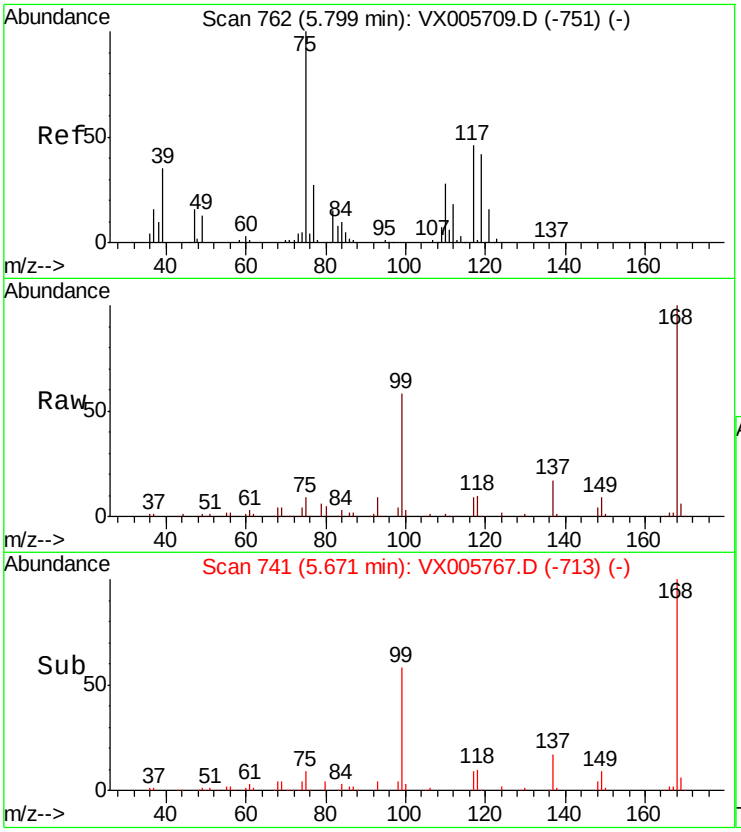


#35
Dibromofluoromethane
Concen: 54.136 ug/l
RT: 5.51 min Scan# 715
Delta R.T. 0.01 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion:113 Resp: 63024

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.3	123.5
192	19.7	17.9	26.9



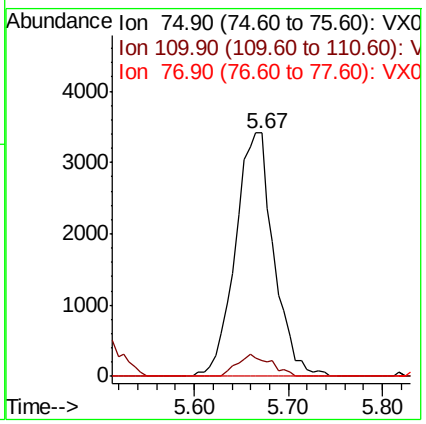


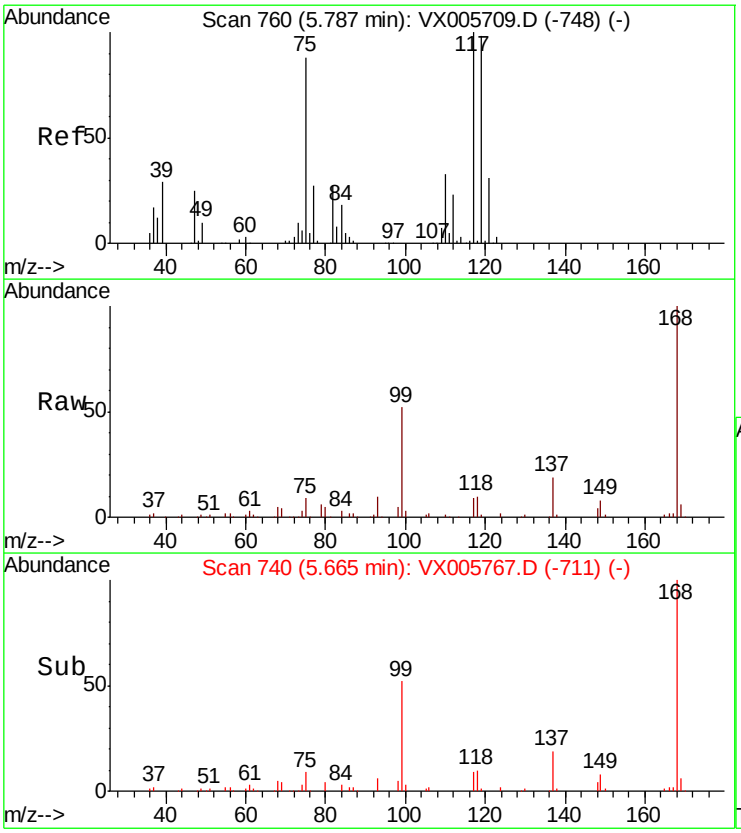
#36
1,1-Dichloropropene
Concen: 5.423 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.13 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
CL-02-110118-B

Tgt Ion: 75 Resp: 9715

Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.4	52.2#
77	0.0	25.8	38.6#

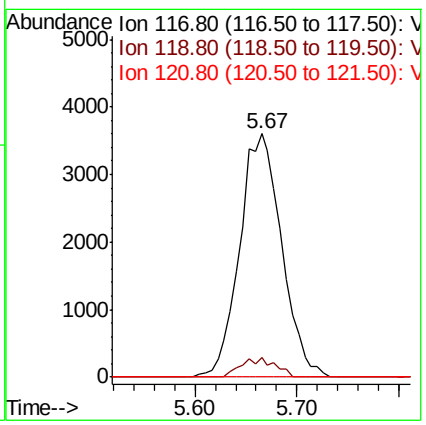


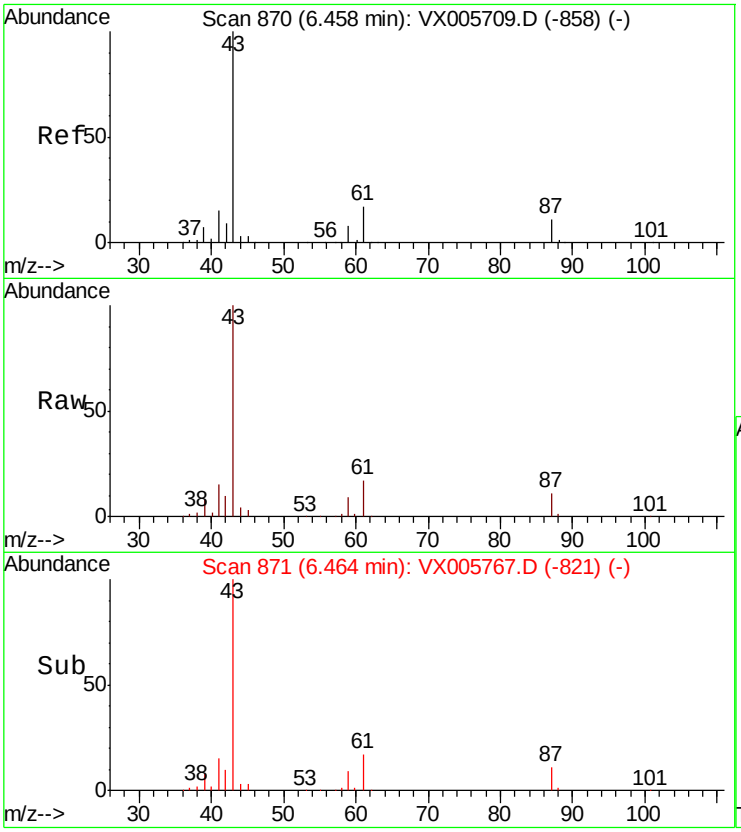


#38
Carbon Tetrachloride
Concen: 6.358 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion:117 Resp: 10290

Ion	Ratio	Lower	Upper
117	100		
119	8.0	78.1	117.1#
121	0.0	24.6	36.8#



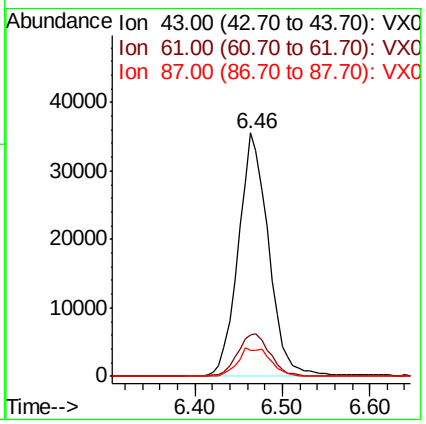


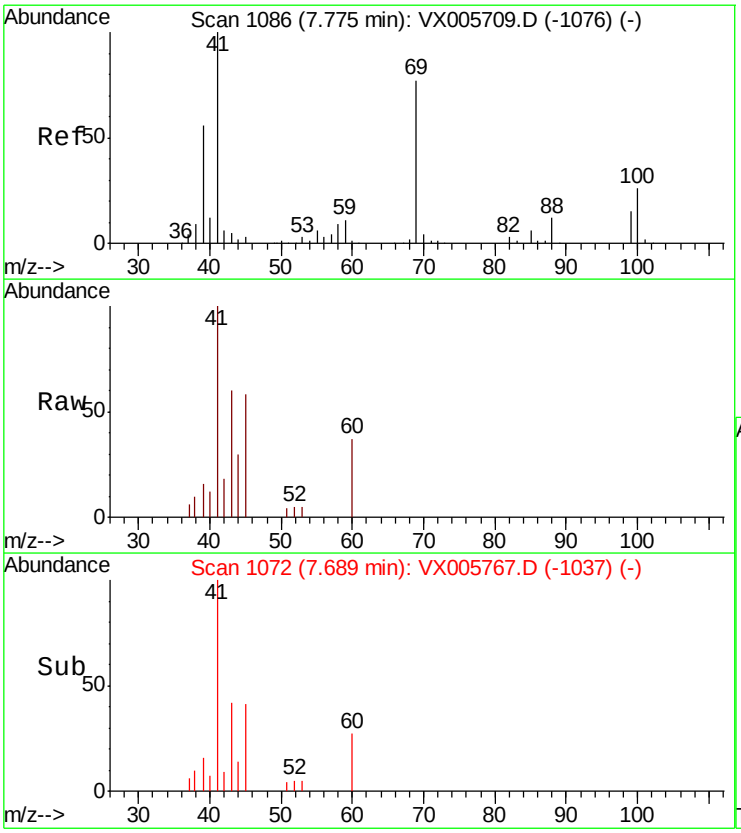
#43
Isopropyl Acetate
Concen: 25.727 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument : MSVOA_X
ClientSampleId : CL-02-110118-B

Tgt Ion: 43 Resp: 85338

Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.6	22.0
87	12.5	9.6	14.4

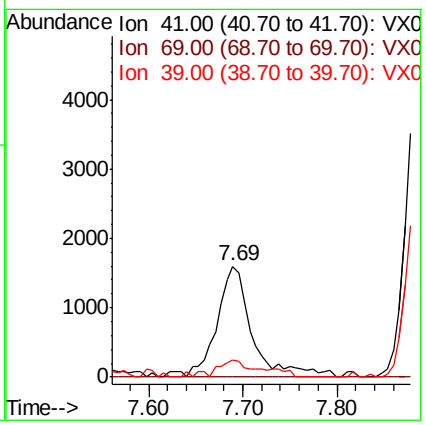


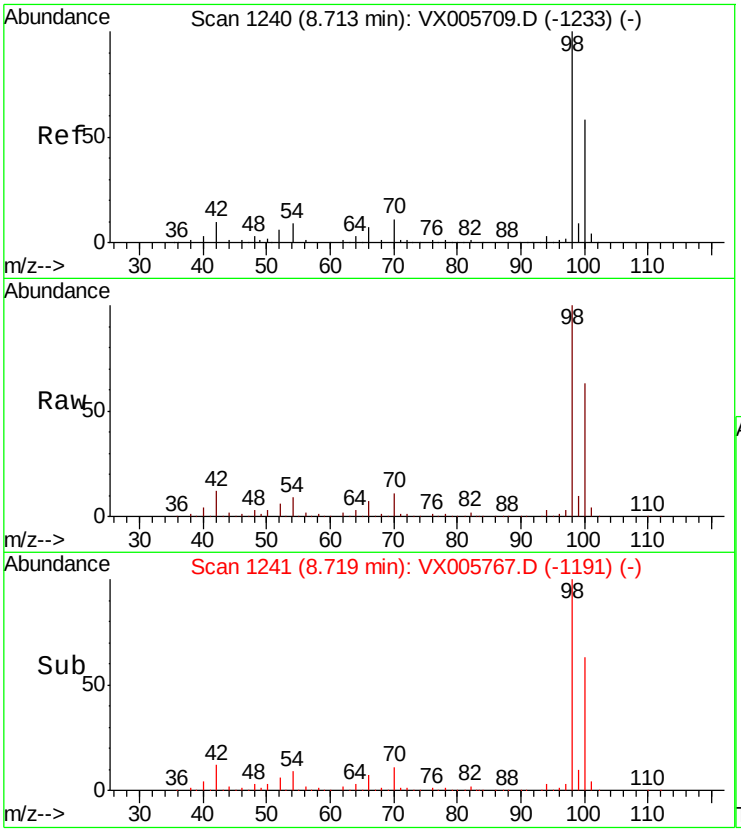


#48
Methyl methacrylate
Concen: 2.556 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion: 41 Resp: 4103

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.2	94.8#
39	16.1	42.2	63.2#



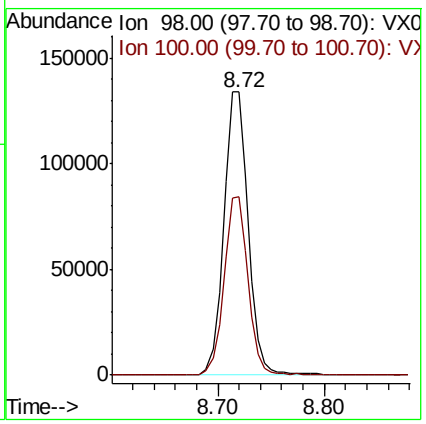


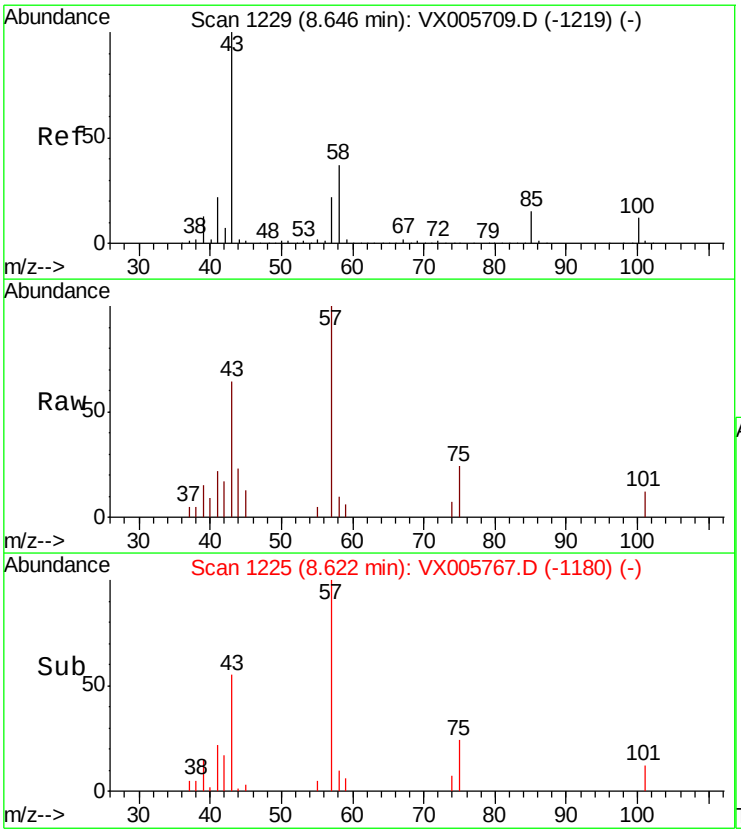
#50
Toluene-d8
Concen: 52.513 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument : MSVOA_X
ClientSampleId : CL-02-110118-B

Tgt Ion: 98 Resp: 214417

Ion	Ratio	Lower	Upper
98	100		
100	62.2	51.3	76.9

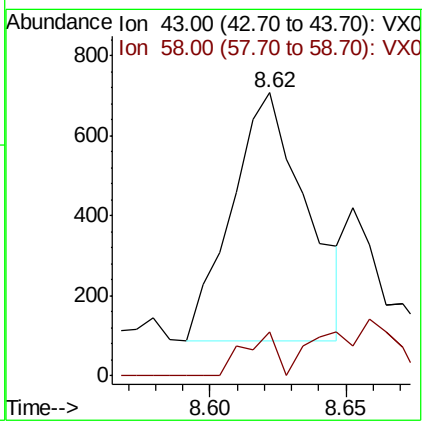


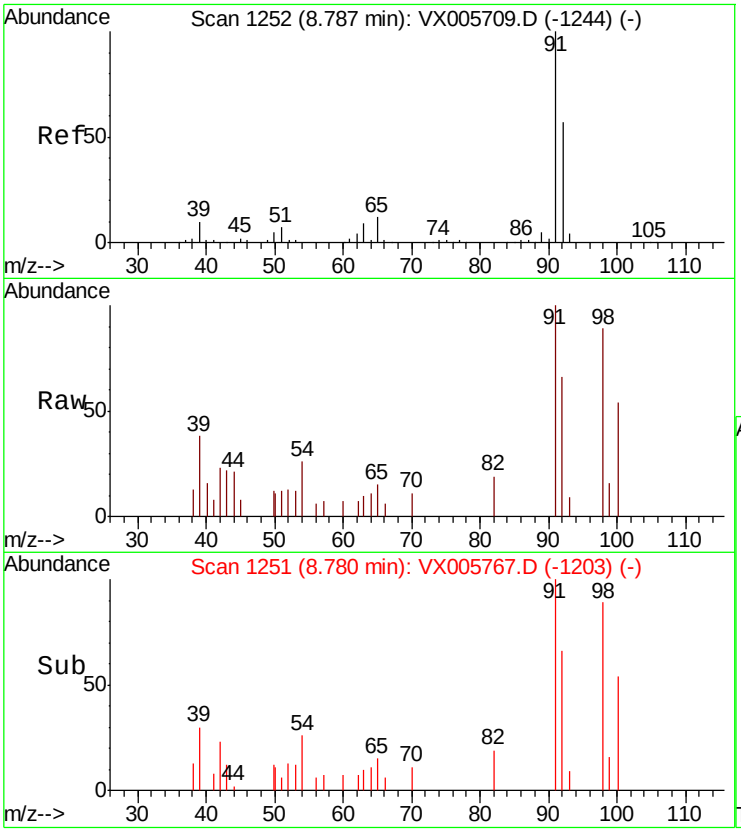


#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion: 43 Resp: 1171

Ion	Ratio	Lower	Upper
43	100		
58	7.9	29.7	44.5#



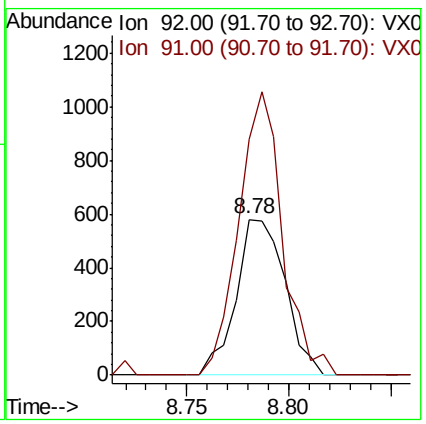


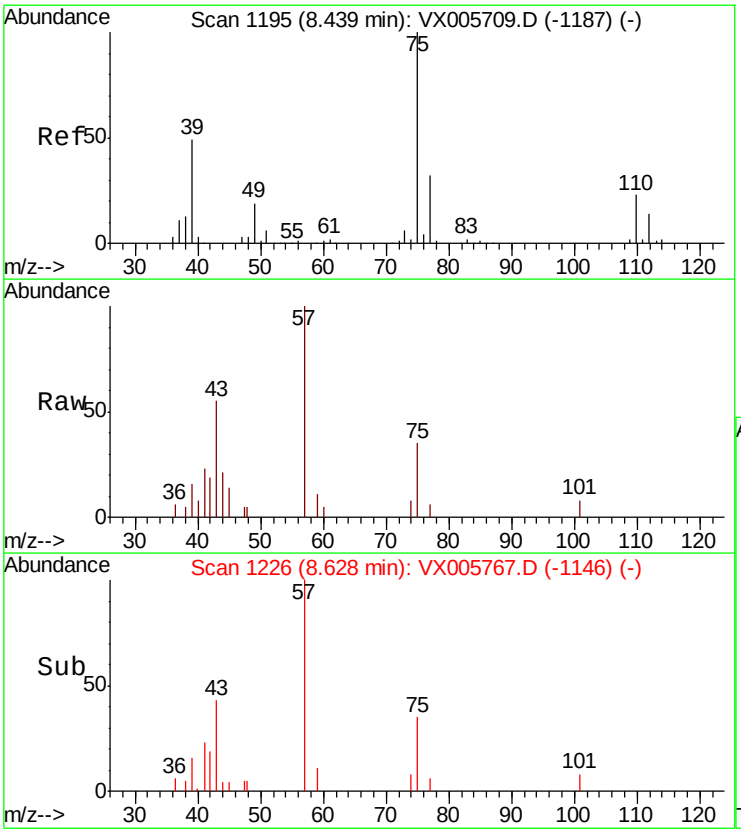
#52
Toluene
Concen: 0.336 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument : MSVOA_X
ClientSampleId : CL-02-110118-B

Tgt Ion: 92 Resp: 969

Ion	Ratio	Lower	Upper
92	100		
91	162.2	140.4	210.6

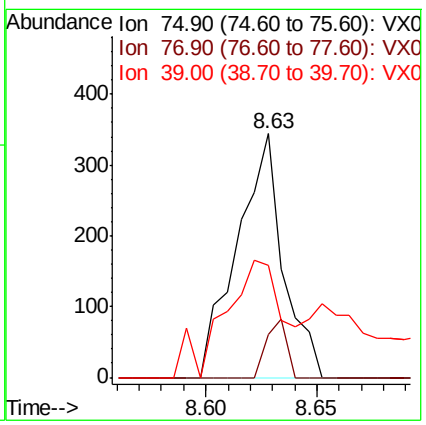


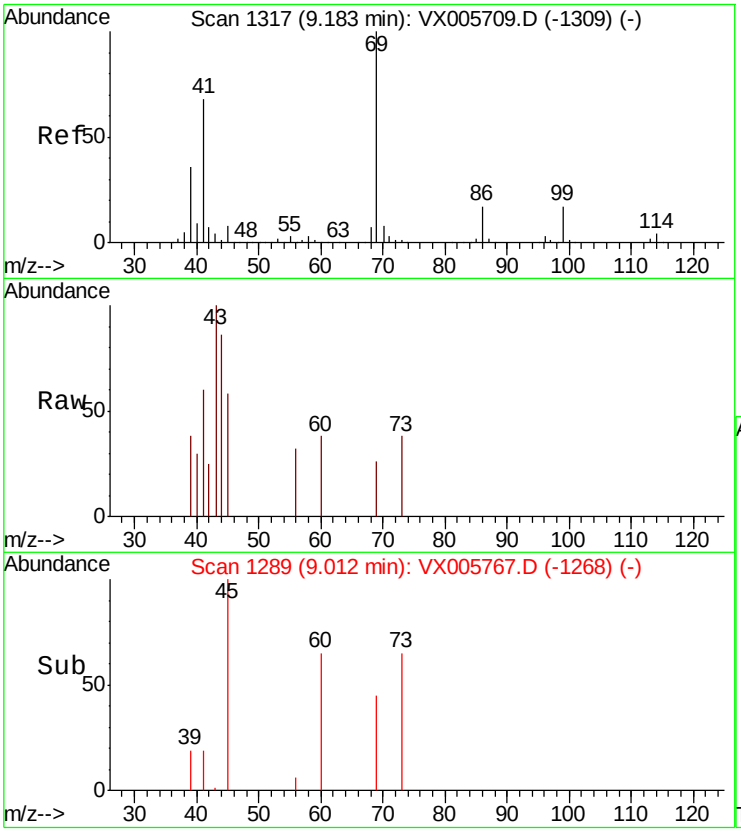


#54
cis-1,3-Dichloropropene
Concen: 0.260 ug/l
RT: 8.63 min Scan# 1226
Delta R.T. 0.19 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion: 75 Resp: 495

Ion	Ratio	Lower	Upper
75	100		
77	17.4	25.2	37.8#
39	26.2	38.2	57.2#



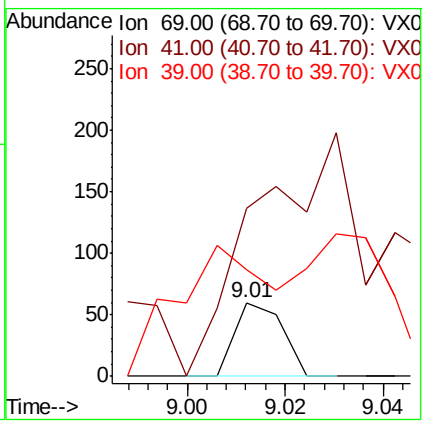


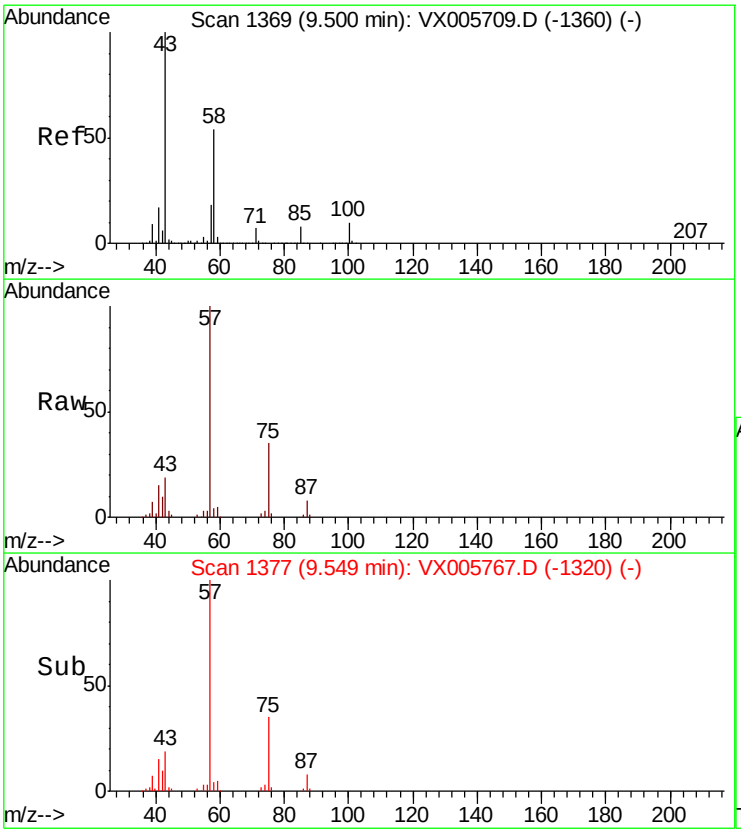
#56
Ethyl methacrylate
Concen: 2.489 ug/l
RT: 9.01 min Scan# 1289
Delta R.T. -0.17 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument : MSVOA_X
ClientSampleId : CL-02-110118-B

Tgt Ion: 69 Resp: 40

Ion	Ratio	Lower	Upper
69	100		
41	0.0	57.0	85.6#
39	352.5	28.3	42.5#

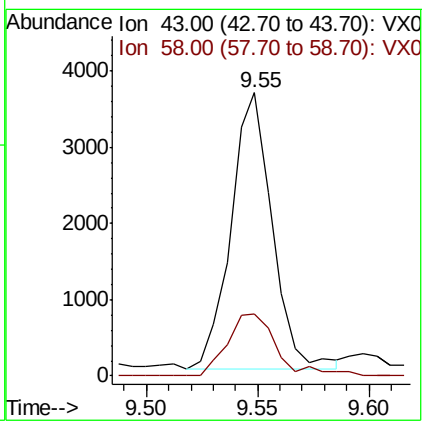


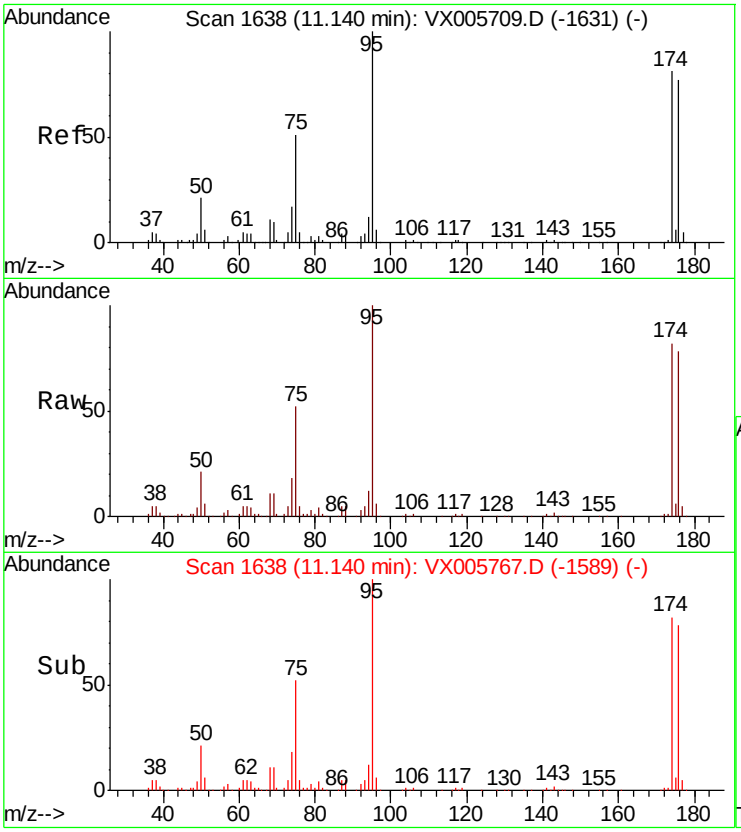


#59
2-Hexanone
Concen: 2.558 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion: 43 Resp: 4708

Ion	Ratio	Lower	Upper
43	100		
58	26.9	25.9	77.8



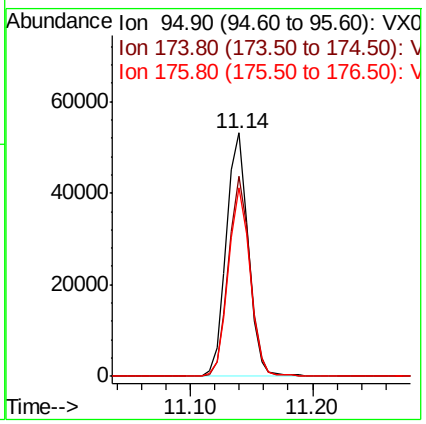


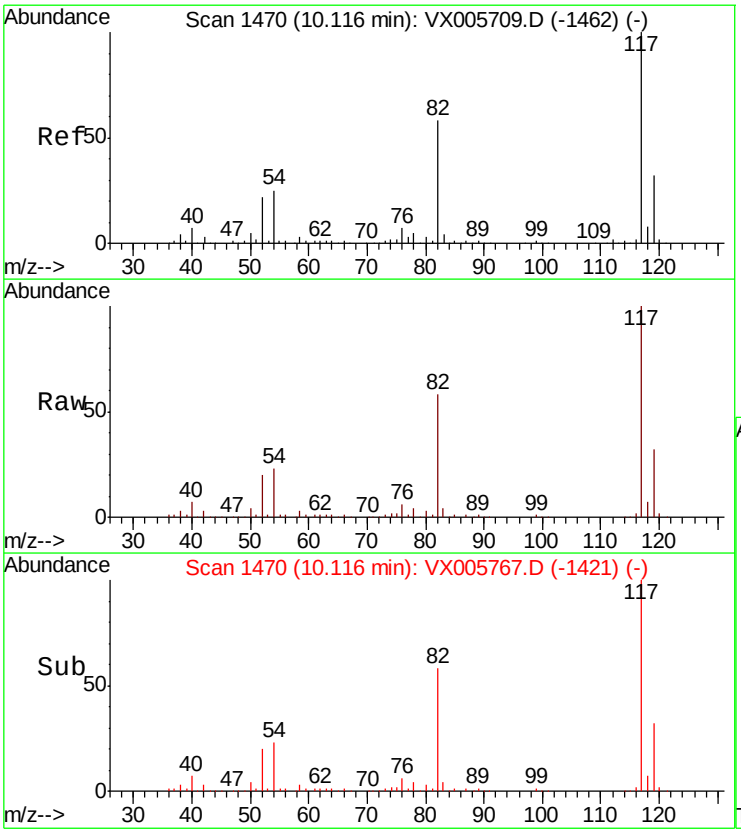
#62
4-Bromofluorobenzene
Concen: 43.577 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
CL-02-110118-B

Tgt Ion: 95 Resp: 65669

Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	184.4
176	77.1	0.0	177.4

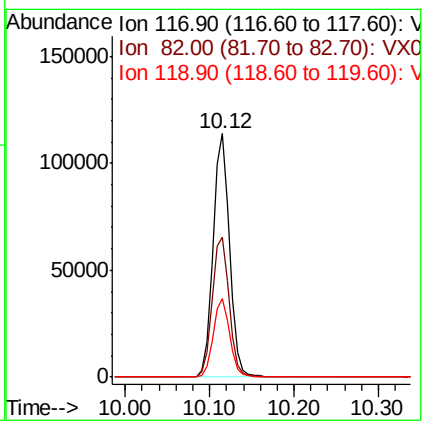


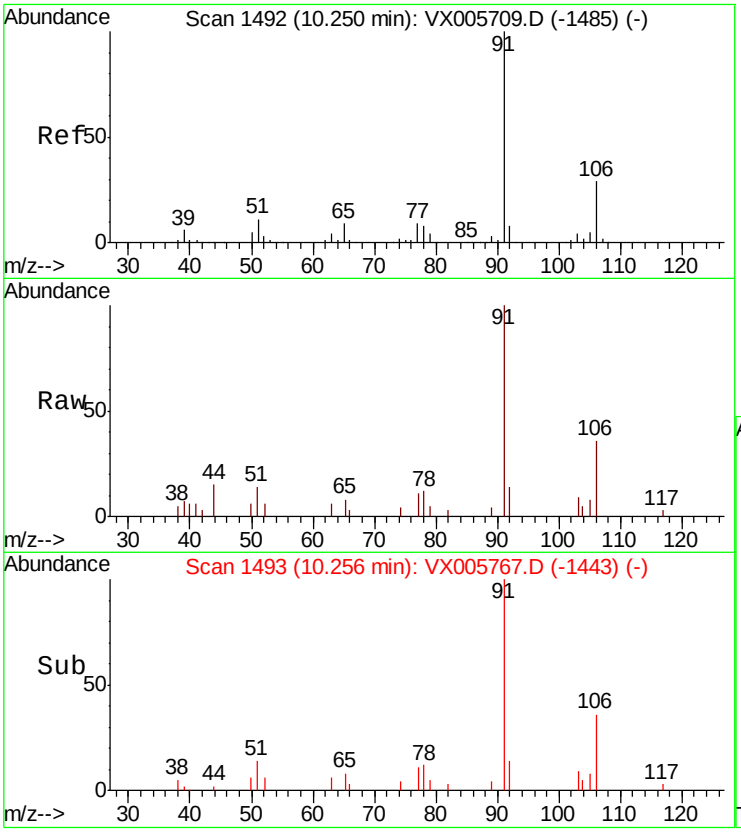


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion:117 Resp: 154765

Ion	Ratio	Lower	Upper
117	100		
82	57.7	44.1	66.1
119	32.1	26.2	39.2



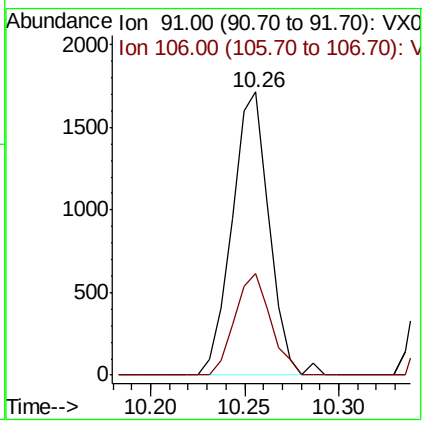


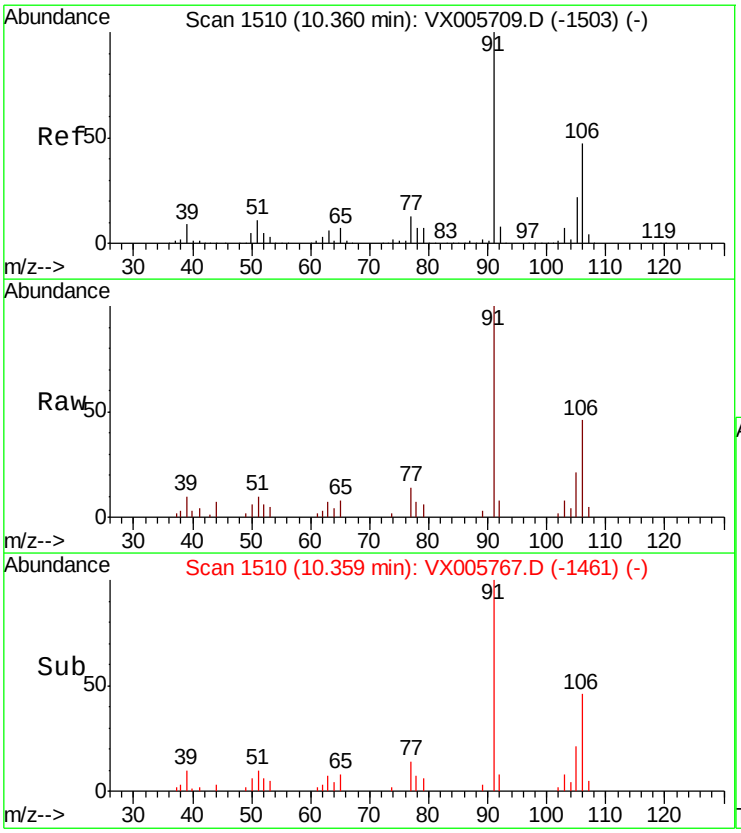
#67
Ethyl Benzene
Concen: 0.416 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument : MSVOA_X
ClientSampleId : CL-02-110118-B

Tgt Ion: 91 Resp: 2337

Ion	Ratio	Lower	Upper
91	100		
106	35.7	24.4	36.6

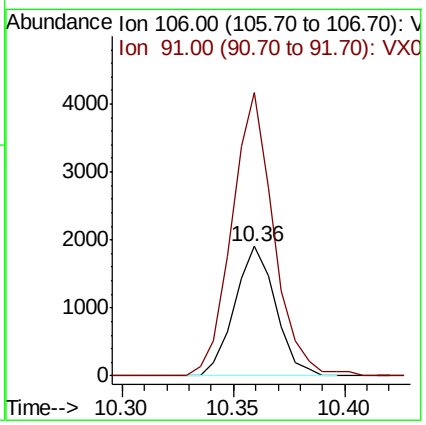


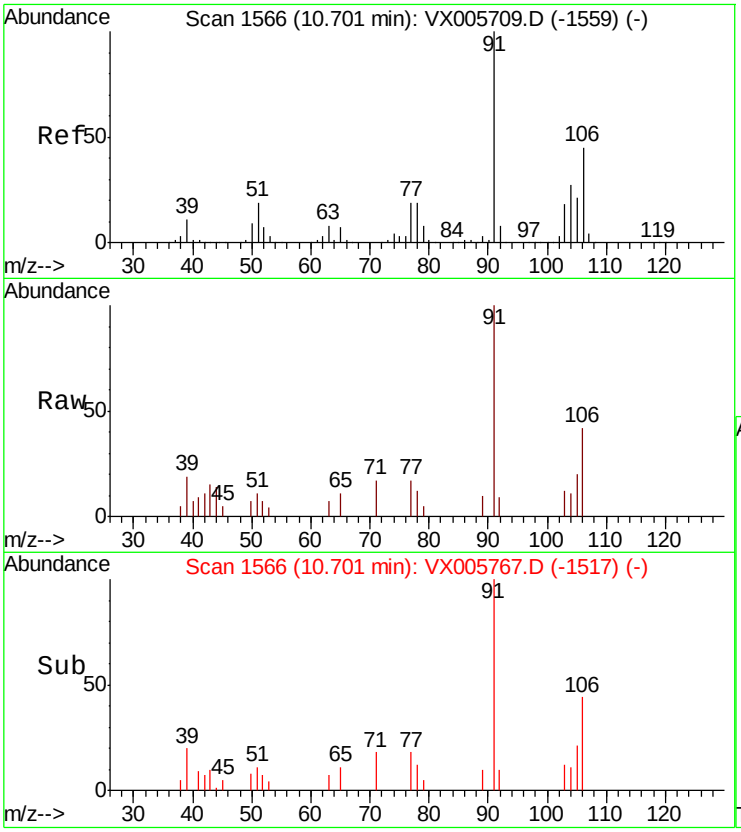


#68
m/p-Xylenes
Concen: 1.172 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion:106 Resp: 2444

Ion	Ratio	Lower	Upper
106	100		
91	223.2	164.2	246.4



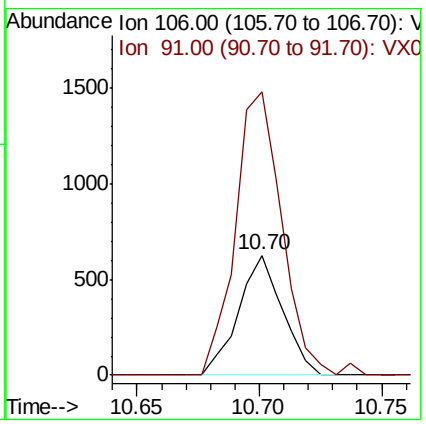


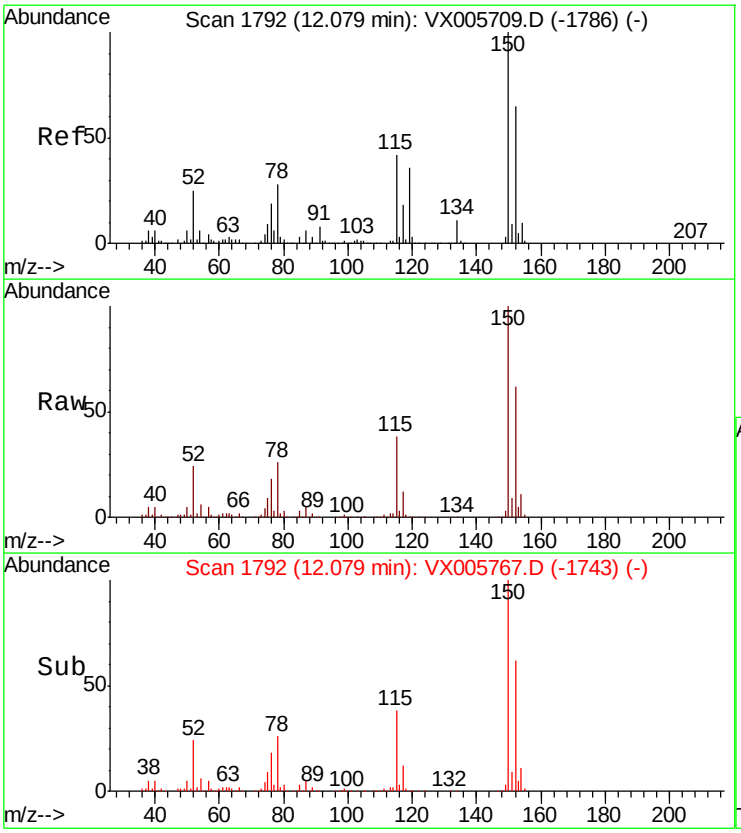
#69
o-Xylene
Concen: 0.394 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
CL-02-110118-B

Tgt Ion:106 Resp: 785

Ion	Ratio	Lower	Upper
106	100		
91	251.1	108.5	325.5

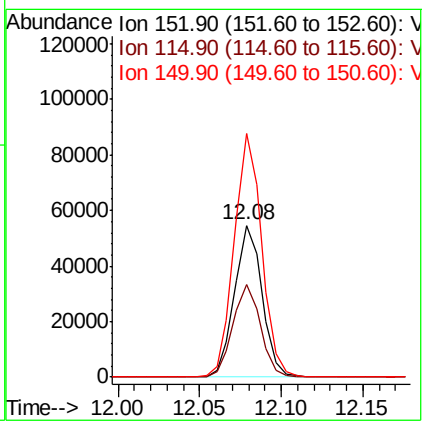


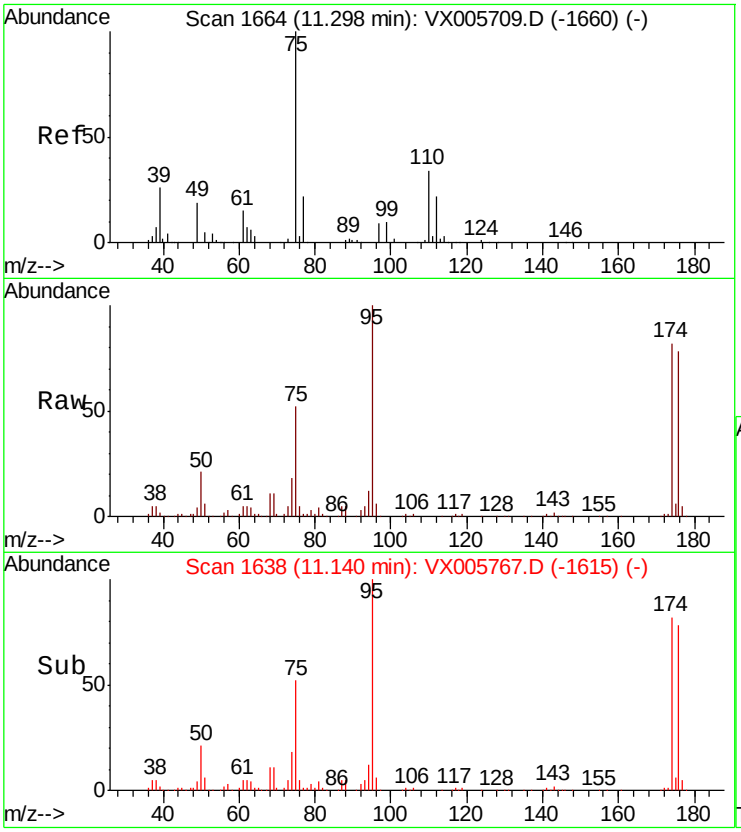


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion:152 Resp: 64507

Ion	Ratio	Lower	Upper
152	100		
115	60.9	39.4	118.1
150	159.5	0.0	346.4



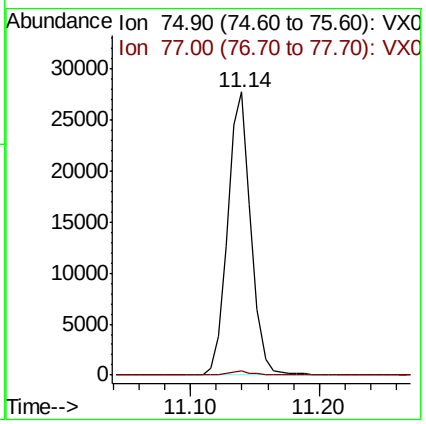


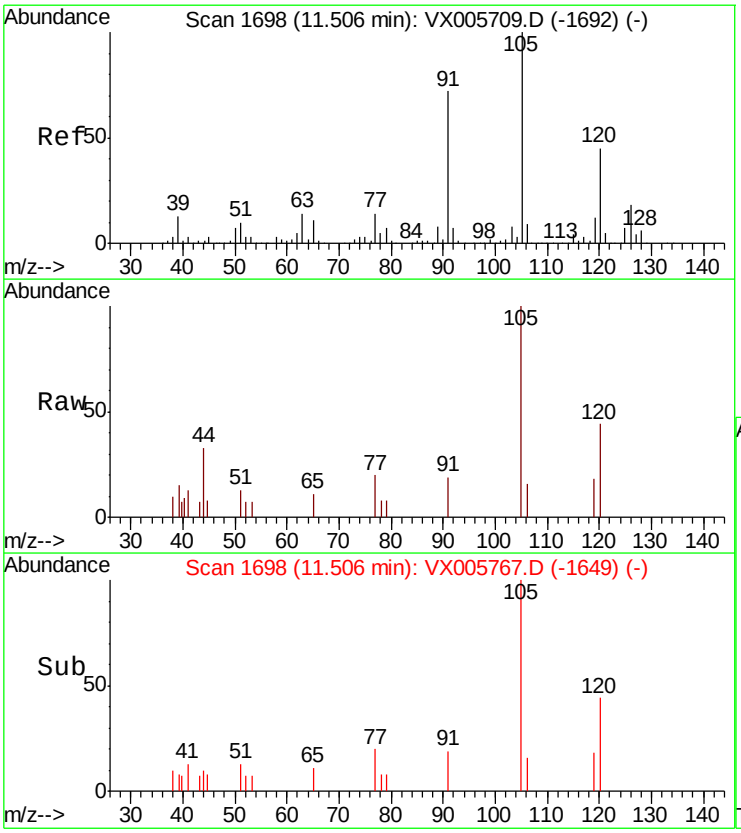
#76
1,2,3-Trichloropropane
Concen: 21.784 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
CL-02-110118-B

Tgt Ion: 75 Resp: 34998

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.5	61.6#

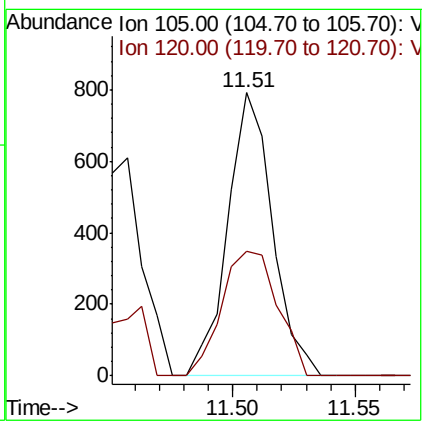


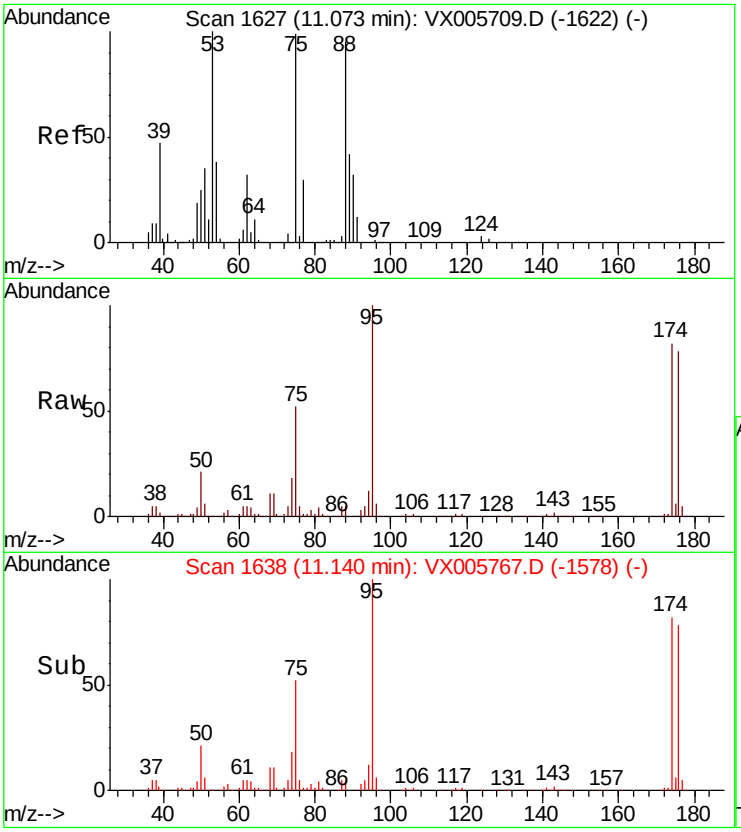


#80
1,3,5-Trimethylbenzene
Concen: 0.278 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion:105 Resp: 1005

Ion	Ratio	Lower	Upper
105	100		
120	55.2	24.1	72.2



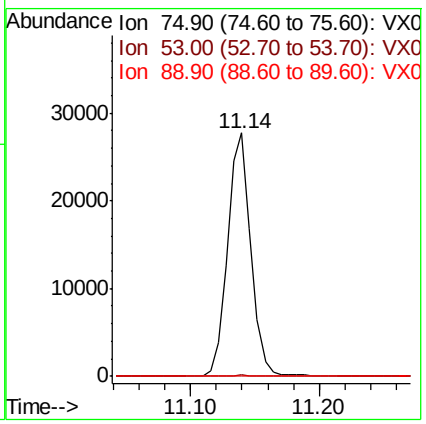


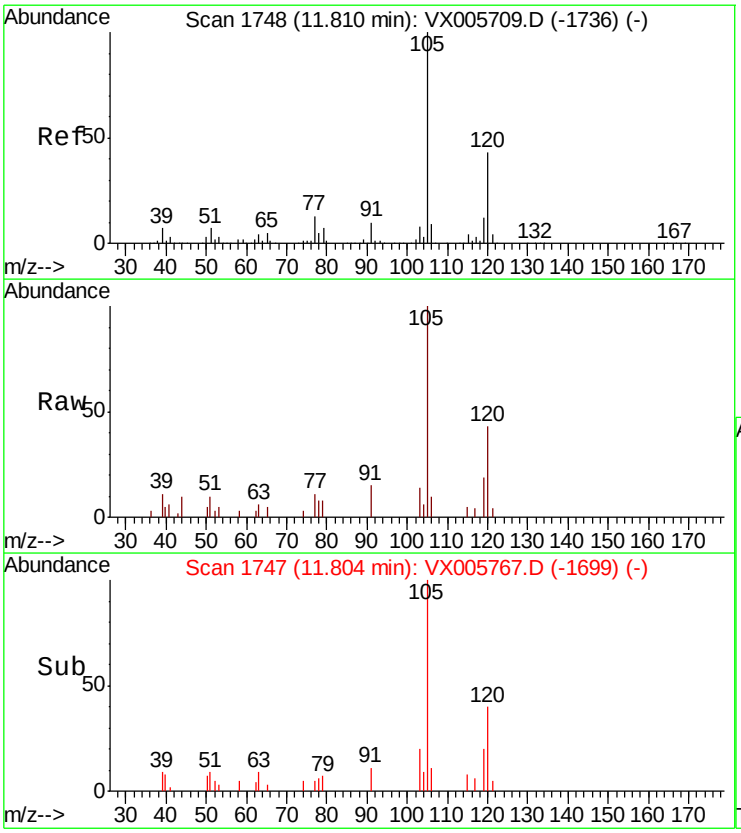
#81
trans-1,4-Dichloro-2-butene
Concen: 70.381 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
CL-02-110118-B

Tgt Ion: 75 Resp: 34998

Ion	Ratio	Lower	Upper
75	100		
53	0.4	80.2	120.2#
89	0.1	39.8	59.8#

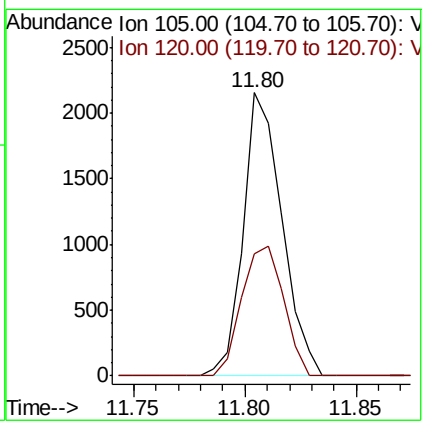


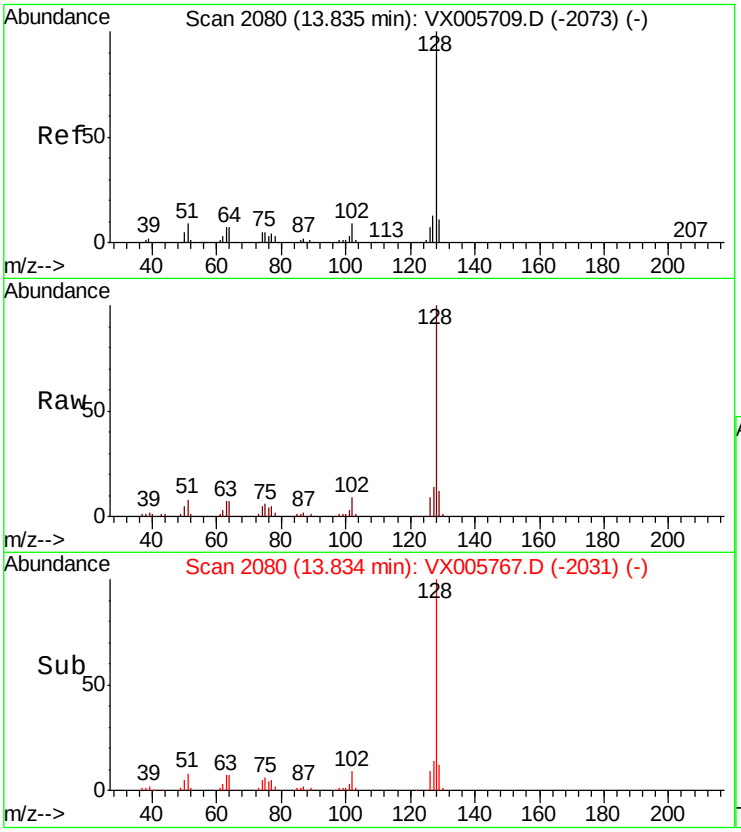


#84
1,2,4-Trimethylbenzene
Concen: 0.718 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Tgt Ion:105 Resp: 2620

Ion	Ratio	Lower	Upper
105	100		
120	49.5	22.4	67.0





#95
Naphthalene
Concen: 5.085 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005767.D
Acq: 02 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
CL-02-110118-B

Tgt Ion:128 Resp: 22875

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	11.5	8.7	13.1