Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111618\
Data File : VD060391.D
Acq On : 16 Nov 2018 11:40
Operator : JC/SY
Sample : VD1116SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD1116SBL01

Quant Time: Nov 16 13:25:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	1623724	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.47	114	2213699	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.30	117	1798118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	884115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	568397	48.89	ug/l	0.01
Spiked Amount 50.000			Recovery = 97.78%			
35) Dibromofluoromethane	6.35	113	819829	49.67	ug/l	0.01
Spiked Amount 50.000			Recovery = 99.34%			
50) Toluene-d8	9.48	98	2378649	49.23	ug/l	0.01
Spiked Amount 50.000			Recovery = 98.46%			
62) 4-Bromofluorobenzene	12.44	95	852576	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.61	85	4010	Below Cal		99
5) Bromomethane	2.18	94	4451	1.49	ug/l #	51
11) Tert butyl alcohol	3.98	59	1729	3.62	ug/l #	70
13) Acrolein	3.03	56	1075	1.91	ug/l #	65
15) Acrylonitrile	4.11	53	3129	1.12	ug/l	92
16) Acetone	3.19	43	18991	9.42	ug/l	99
20) Methylene Chloride	3.75	84	89553	5.01	ug/l	96
25) 2-Butanone	5.66	43	12831	3.06	ug/l	99
29) Tetrahydrofuran	5.98	42	5563	2.52	ug/l #	86
31) Cyclohexane	6.43	56	33159	1.19	ug/l #	1
37) Ethyl Acetate	5.66	43	12831	1.27	ug/l #	85
38) Carbon Tetrachloride	6.43	117	128218	6.32	ug/l #	16
48) Methyl methacrylate	8.27	41	8204	1.07	ug/l #	62
51) 4-Methyl-2-Pentanone	9.36	43	10668	1.30	ug/l	100
76) 1,2,3-Trichloropropane	12.44	75	319287	30.19	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.44	75	336790	111.85	ug/l #	15
89) n-Butylbenzene	13.66	91	11679	Below Cal		98

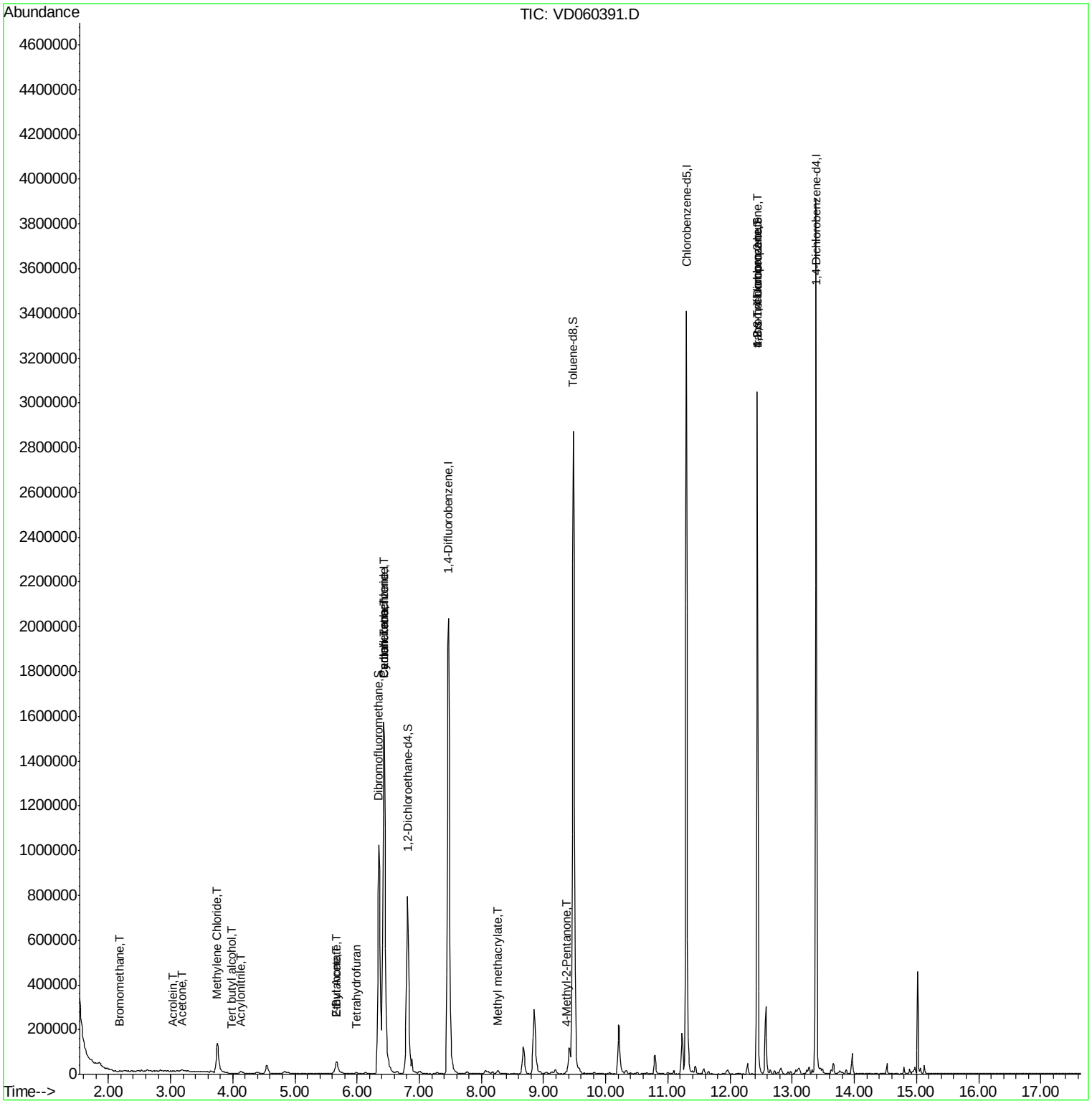
(#) = qualifier out of range (m) = manual integration (+) = signals summed

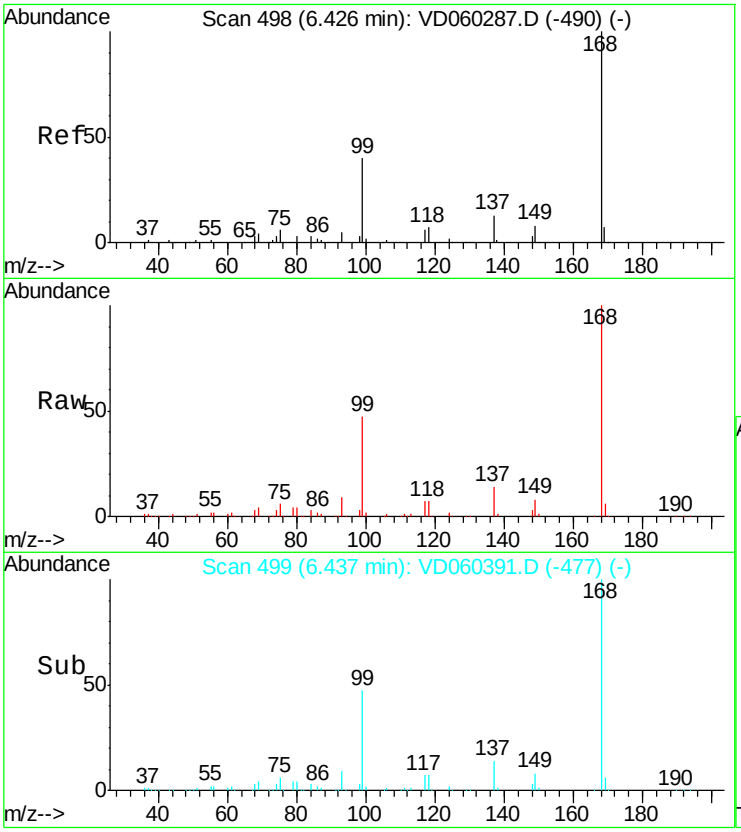
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111618\
Data File : VD060391.D
Acq On : 16 Nov 2018 11:40
Operator : JC/SY
Sample : VD1116SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD1116SBL01

Quant Time: Nov 16 13:25:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration



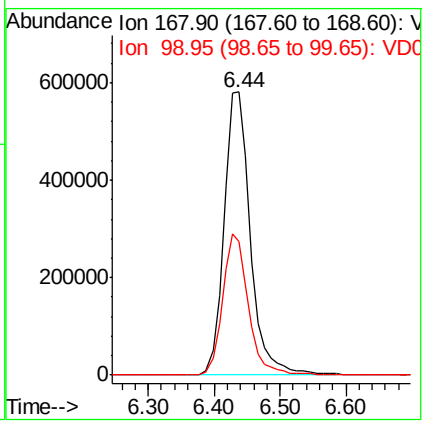


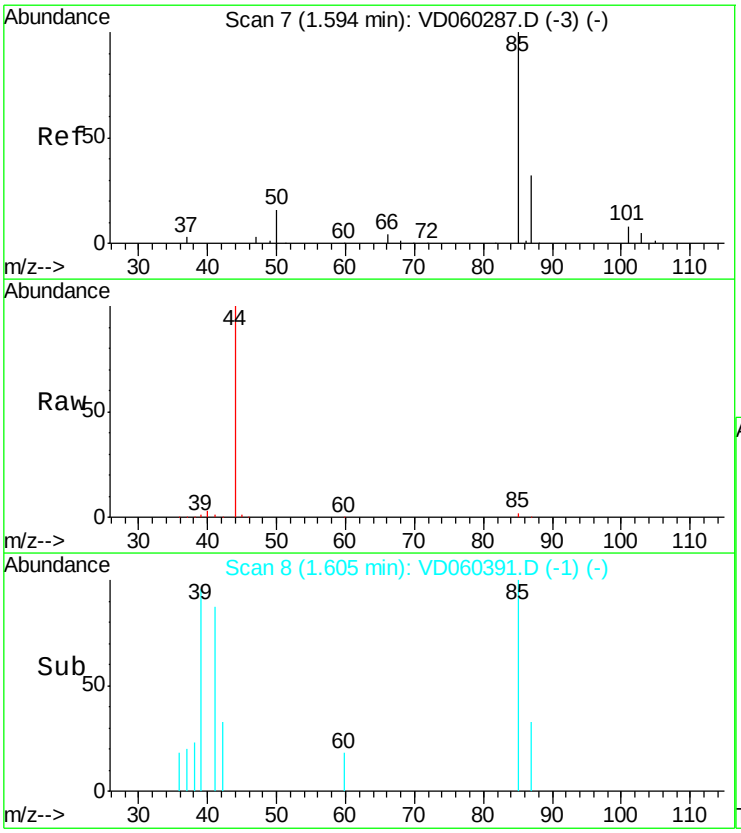
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.44 min Scan# 499
Delta R.T. 0.01 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Instrument :
MSVOA_D
ClientSampleId :
VD1116SBL01

Tgt Ion:168 Resp: 1623724

Ion	Ratio	Lower	Upper
168	100		
99	47.3	39.8	59.8

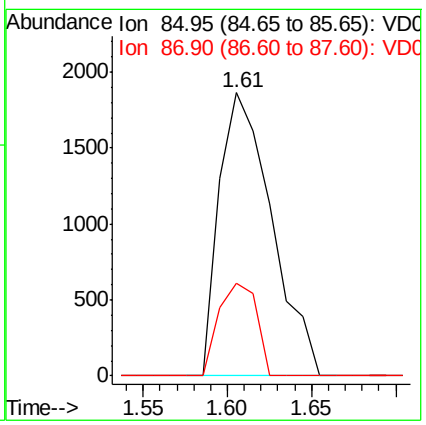


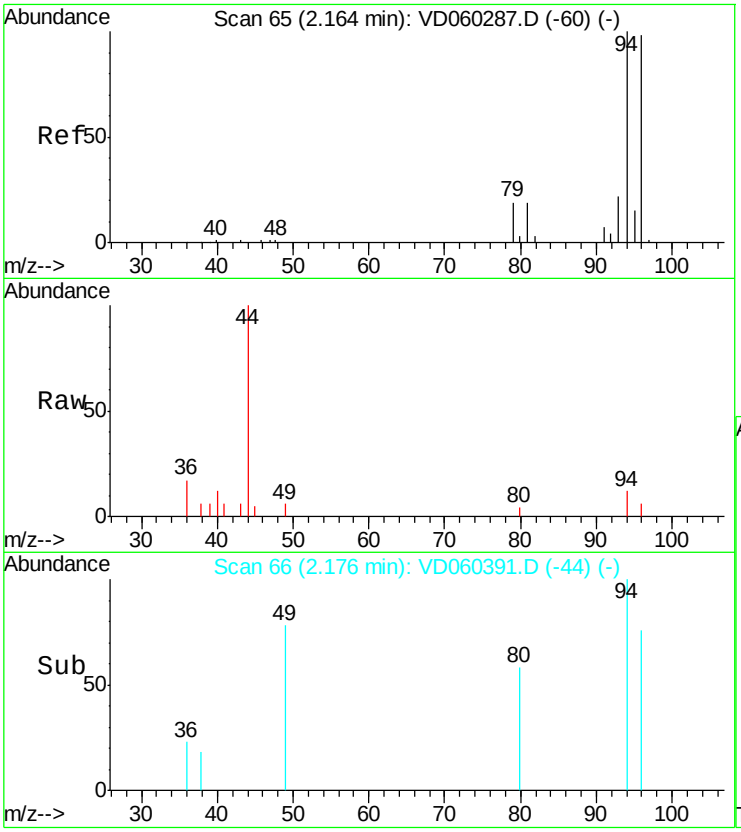


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.61 min Scan# 8
Delta R.T. 0.01 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Tgt Ion: 85 Resp: 4010

Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.8	50.4



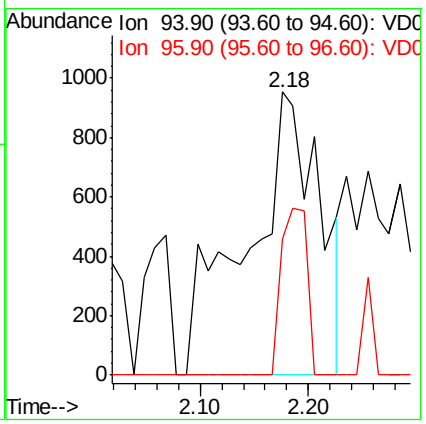


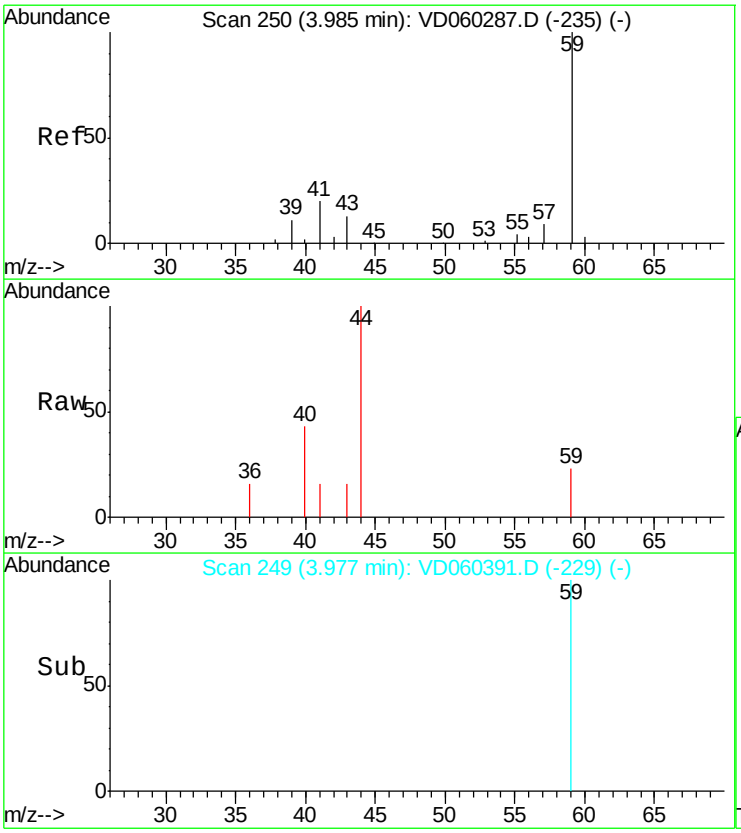
#5
Bromomethane
Concen: 1.49 ug/l
RT: 2.18 min Scan# 66
Delta R.T. 0.01 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Instrument : MSVOA_D
ClientSampleId : VD1116SBL01

Tgt Ion: 94 Resp: 4451

Ion	Ratio	Lower	Upper
94	100		
96	48.0	76.6	114.8#

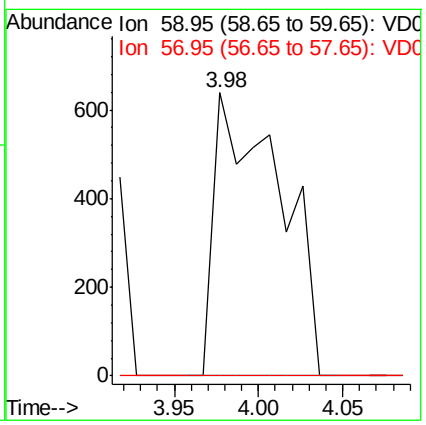


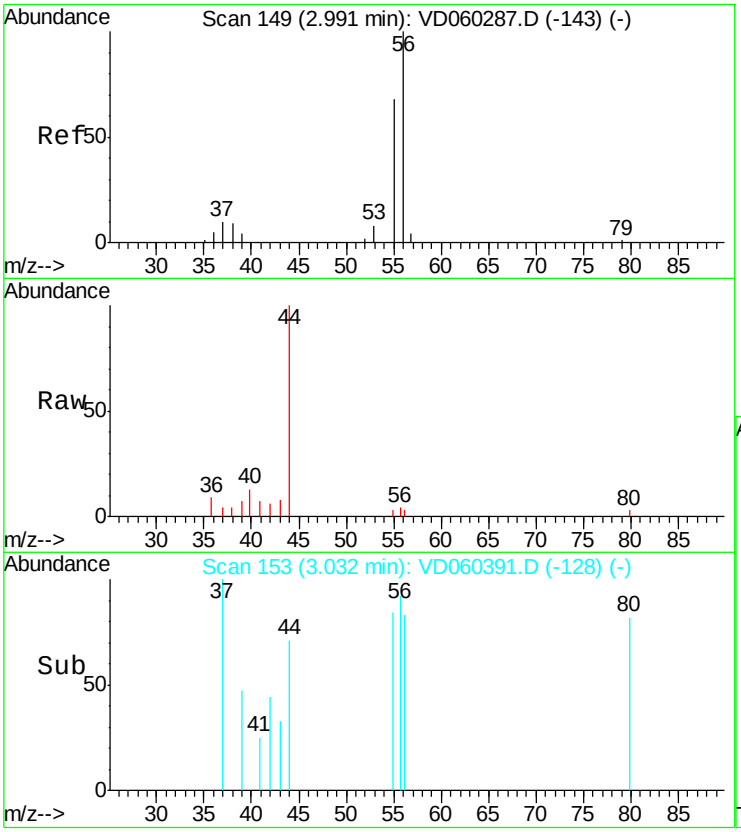


#11
Tert butyl alcohol
Concen: 3.62 ug/l
RT: 3.98 min Scan# 249
Delta R.T. -0.01 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Tgt Ion: 59 Resp: 1729

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#



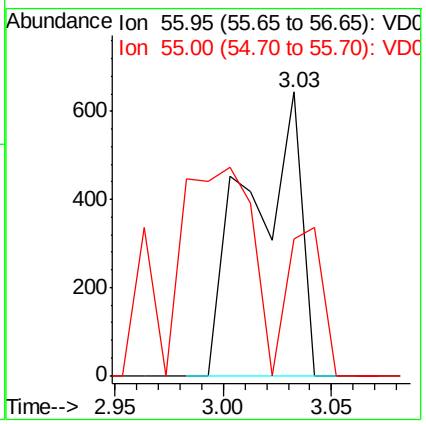


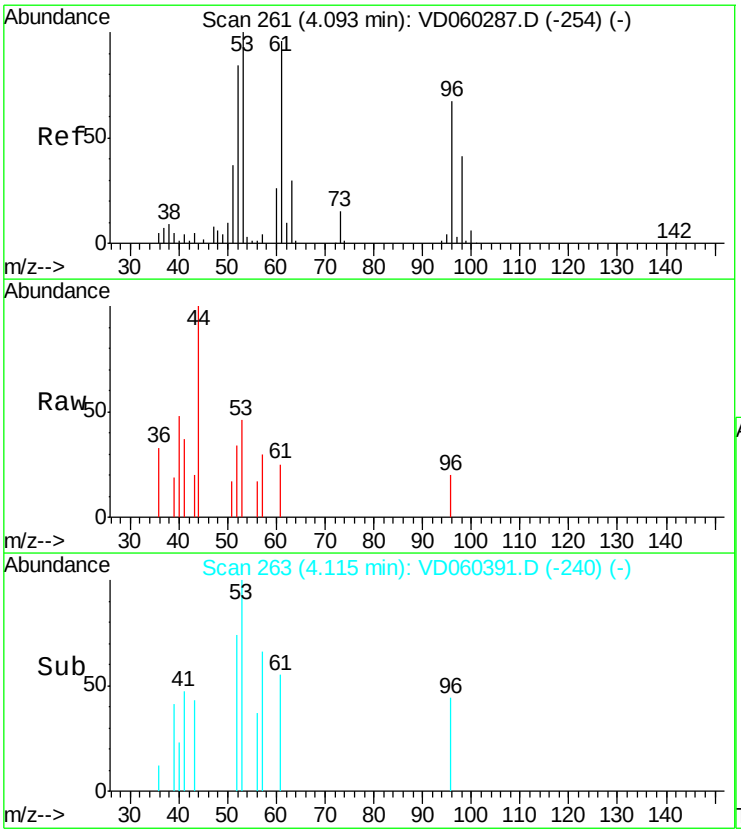
#13
Acrolein
Concen: 1.91 ug/l
RT: 3.03 min Scan# 153
Delta R.T. 0.04 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Instrument :
MSVOA_D
ClientSampleId :
VD1116SBL01

Tgt Ion: 56 Resp: 1075

Ion	Ratio	Lower	Upper
56	100		
55	100.6	57.0	85.6#

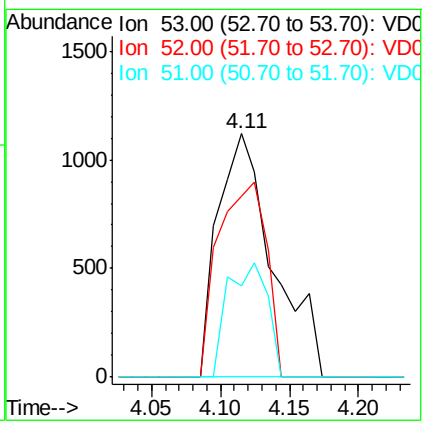


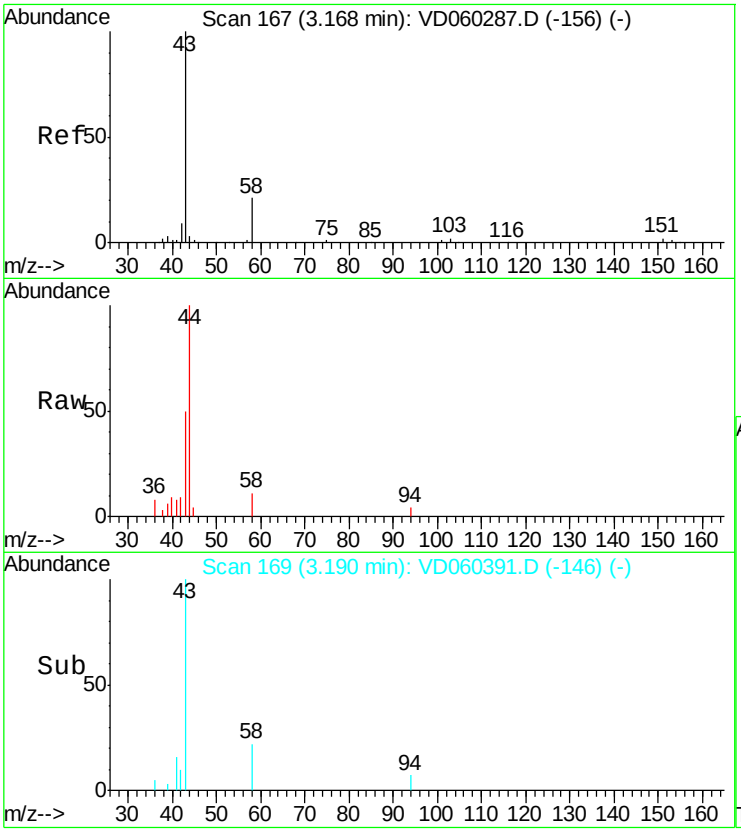


#15
Acrylonitrile
Concen: 1.12 ug/l
RT: 4.11 min Scan# 263
Delta R.T. 0.02 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Tgt Ion: 53 Resp: 3129

Ion	Ratio	Lower	Upper
53	100		
52	74.0	67.0	100.4
51	37.6	29.9	44.9



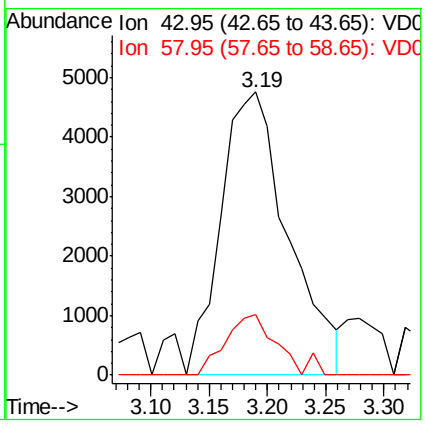


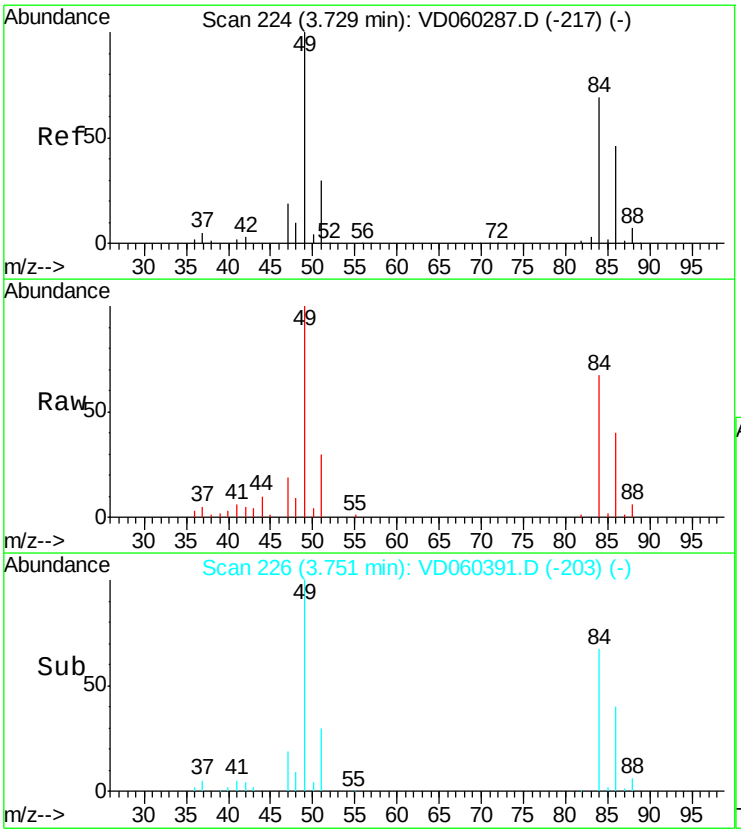
#16
Acetone
Concen: 9.42 ug/l
RT: 3.19 min Scan# 169
Delta R.T. 0.02 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Instrument : MSVOA_D
ClientSampleId : VD1116SBL01

Tgt Ion: 43 Resp: 18991

Ion	Ratio	Lower	Upper
43	100		
58	21.6	16.9	25.3

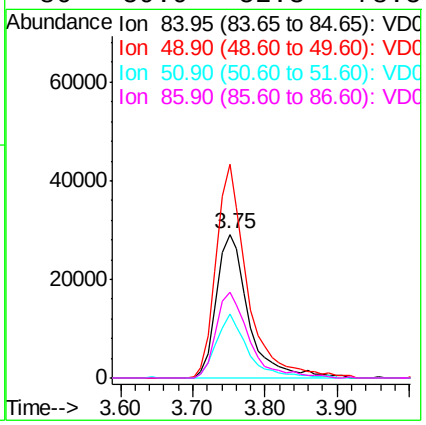


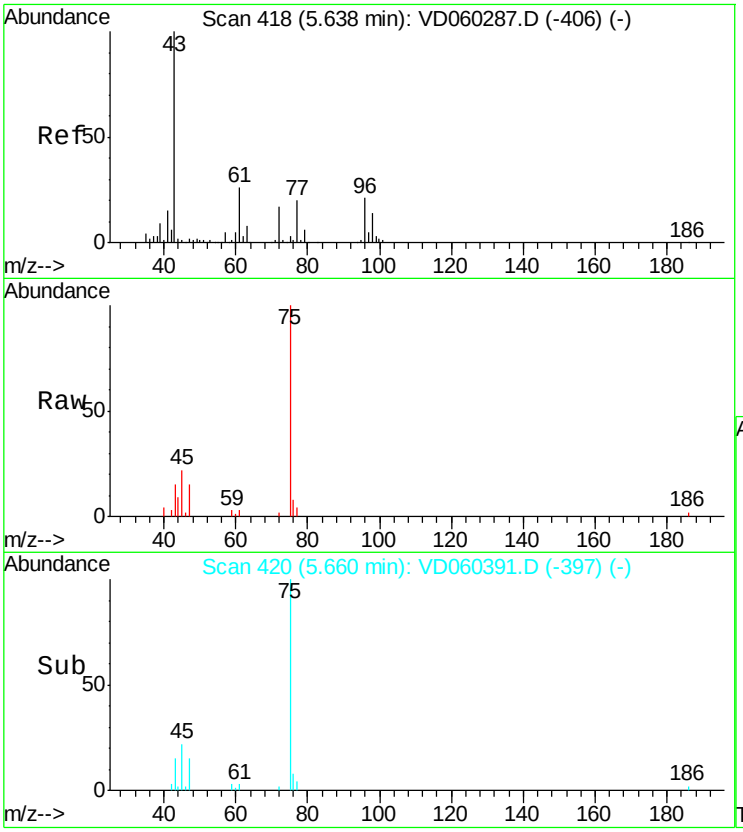


#20
Methylene Chloride
Concen: 5.01 ug/l
RT: 3.75 min Scan# 226
Delta R.T. 0.02 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Tgt Ion: 84 Resp: 89553

Ion	Ratio	Lower	Upper
84	100		
49	148.4	115.6	173.4
51	44.8	35.6	53.4
86	59.9	52.3	78.5



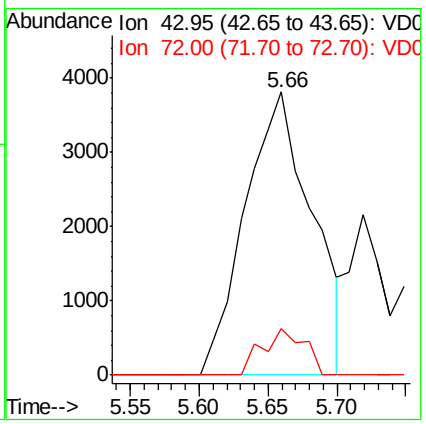


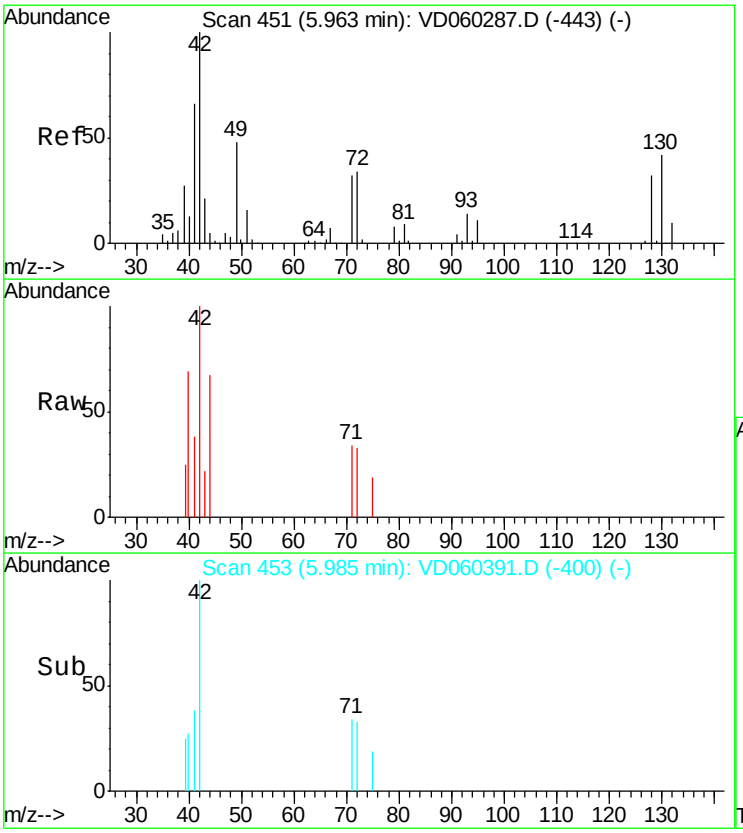
#25
2-Butanone
Concen: 3.06 ug/l
RT: 5.66 min Scan# 420
Delta R.T. 0.02 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Instrument :
MSVOA_D
ClientSampleId :
VD1116SBL01

Tgt Ion: 43 Resp: 12831

Ion	Ratio	Lower	Upper
43	100		
72	16.7	13.8	20.8

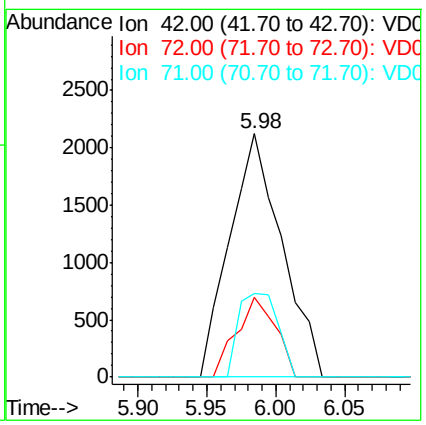


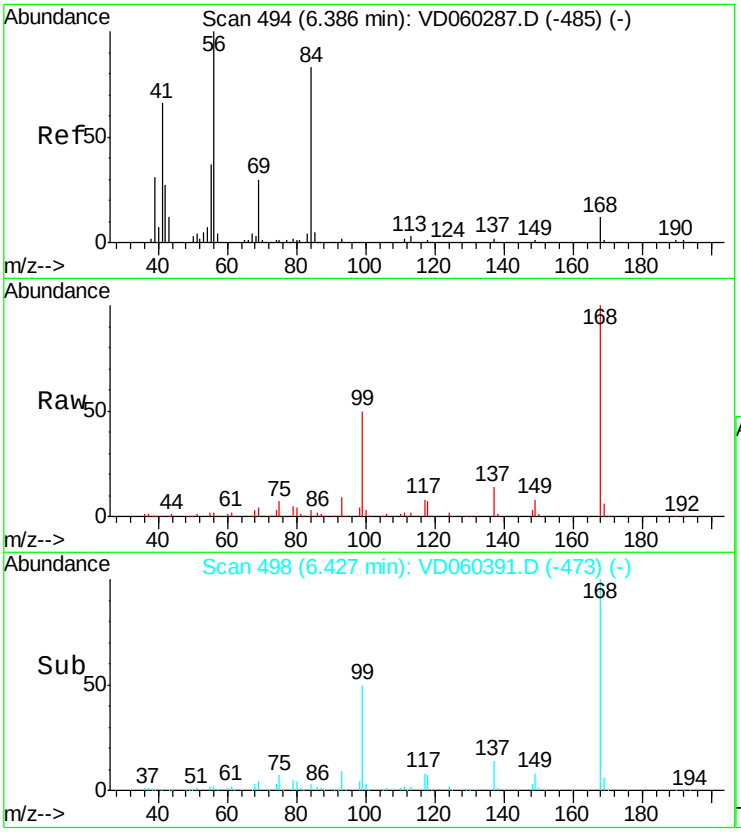


#29
Tetrahydrofuran
Concen: 2.52 ug/l
RT: 5.98 min Scan# 453
Delta R.T. 0.02 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Tgt Ion: 42 Resp: 5563

Ion	Ratio	Lower	Upper
42	100		
72	24.8	27.6	41.4#
71	26.3	26.5	39.7#



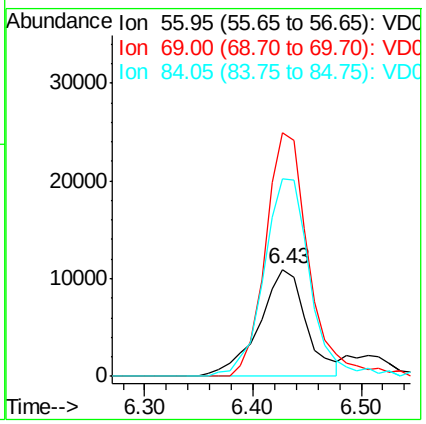


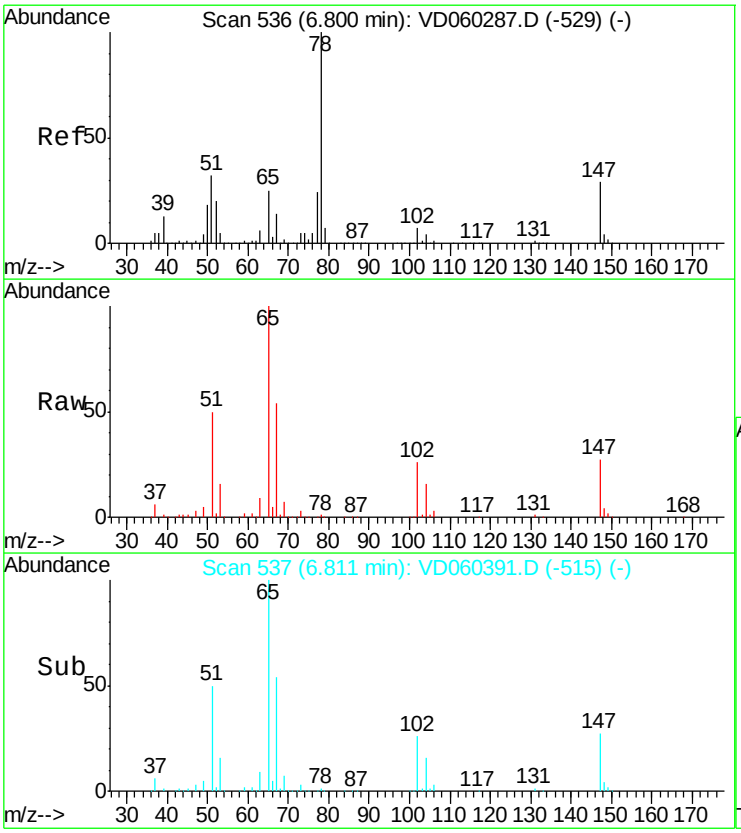
#31
Cyclohexane
Concen: 1.19 ug/l
RT: 6.43 min Scan# 498
Delta R.T. 0.04 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Instrument : MSVOA_D
ClientSampleId : VD1116SBL01

Tgt Ion: 56 Resp: 33159

Ion	Ratio	Lower	Upper
56	100		
69	227.3	22.2	33.2#
84	184.0	63.0	94.4#

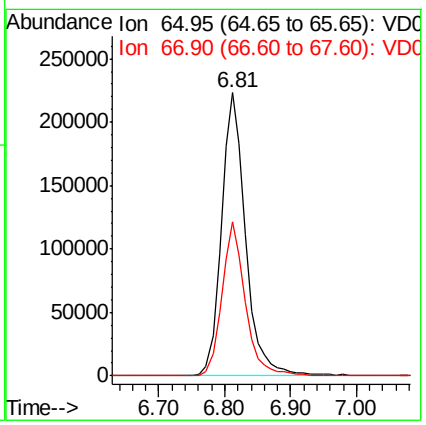


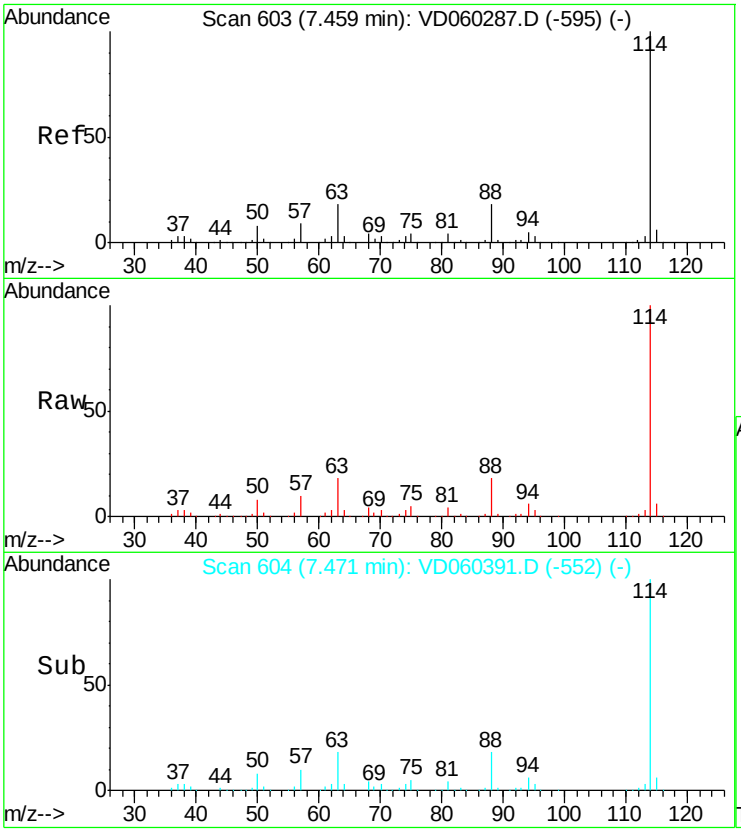


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.81 min Scan# 537
Delta R.T. 0.01 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Tgt Ion: 65 Resp: 568397

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	109.8



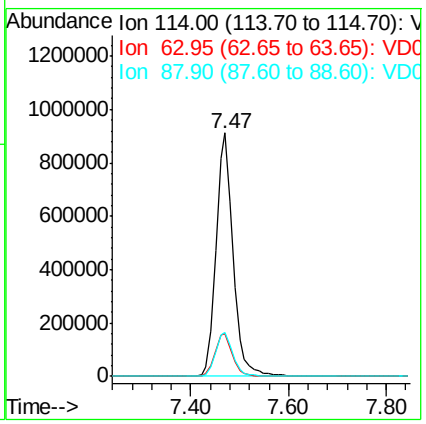


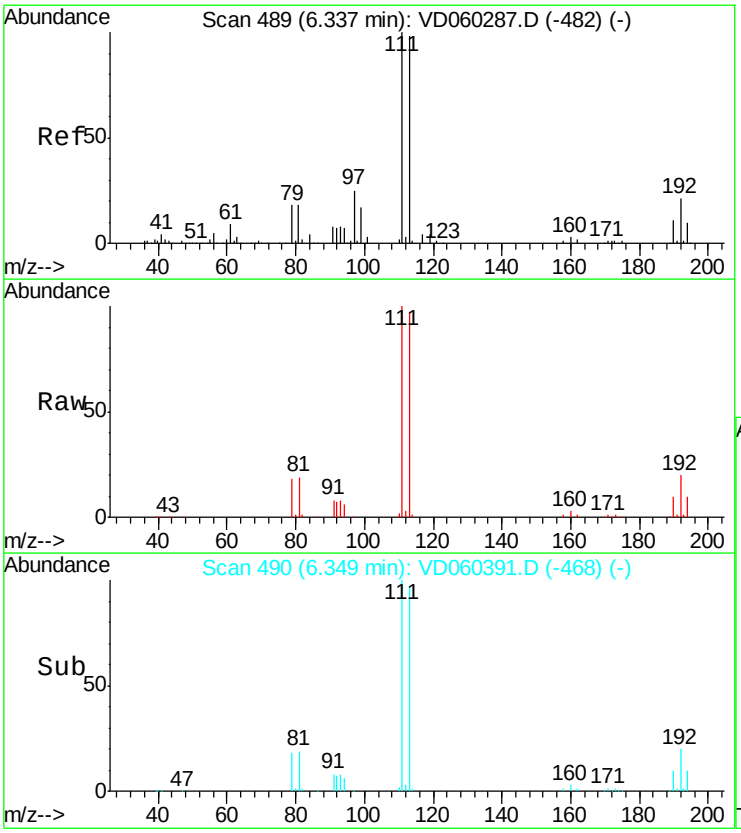
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 7.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Instrument :
MSVOA_D
ClientSampleId :
VD1116SBL01

Tgt Ion:114 Resp: 2213699

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.0
88	18.0	0.0	35.4

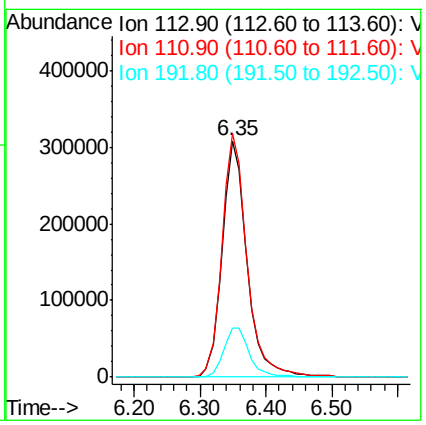


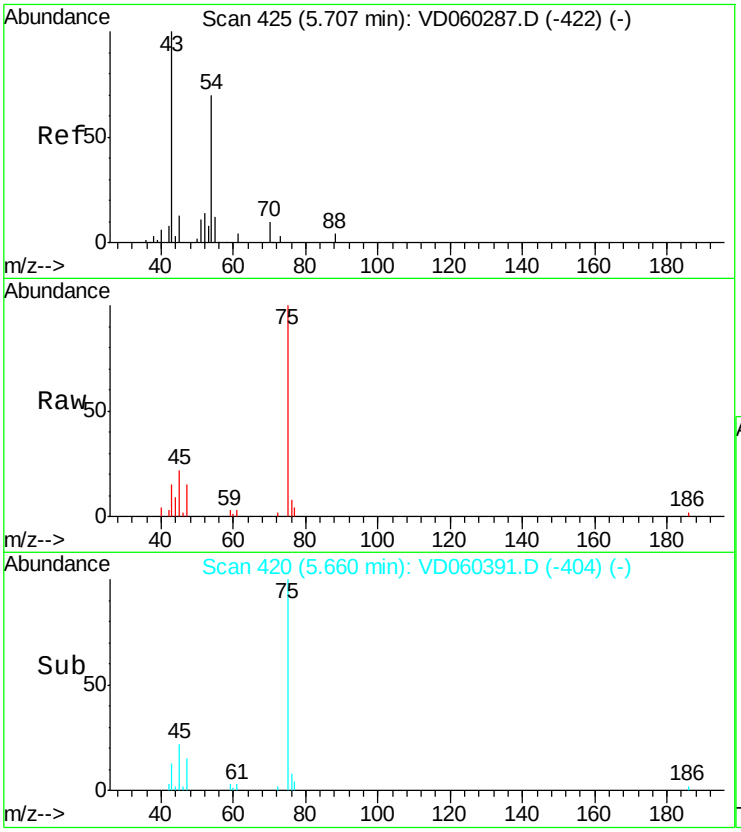


#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.35 min Scan# 490
Delta R.T. 0.01 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Tgt Ion:113 Resp: 819829

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.6	122.4
192	20.7	16.5	24.7



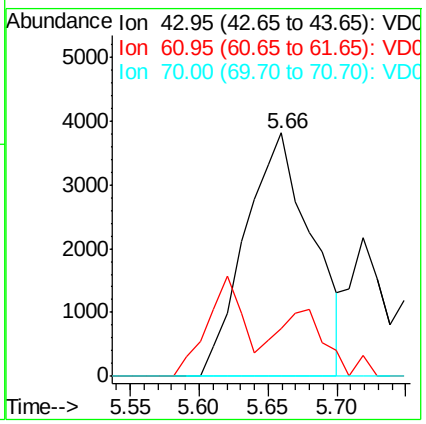


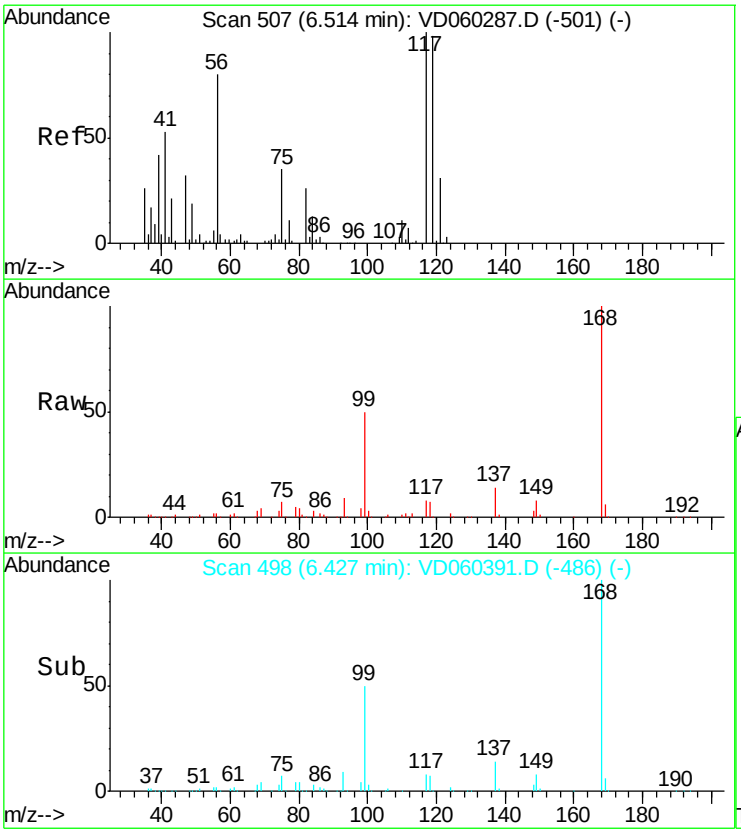
#37
Ethyl Acetate
Concen: 1.27 ug/l
RT: 5.66 min Scan# 420
Delta R.T. -0.05 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Instrument : MSVOA_D
ClientSampleId : VD1116SBL01

Tgt Ion: 43 Resp: 12831

Ion	Ratio	Lower	Upper
43	100		
61	19.5	11.8	17.6#
70	0.0	6.2	9.4#

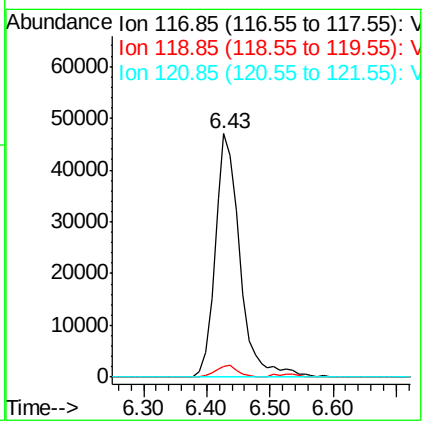


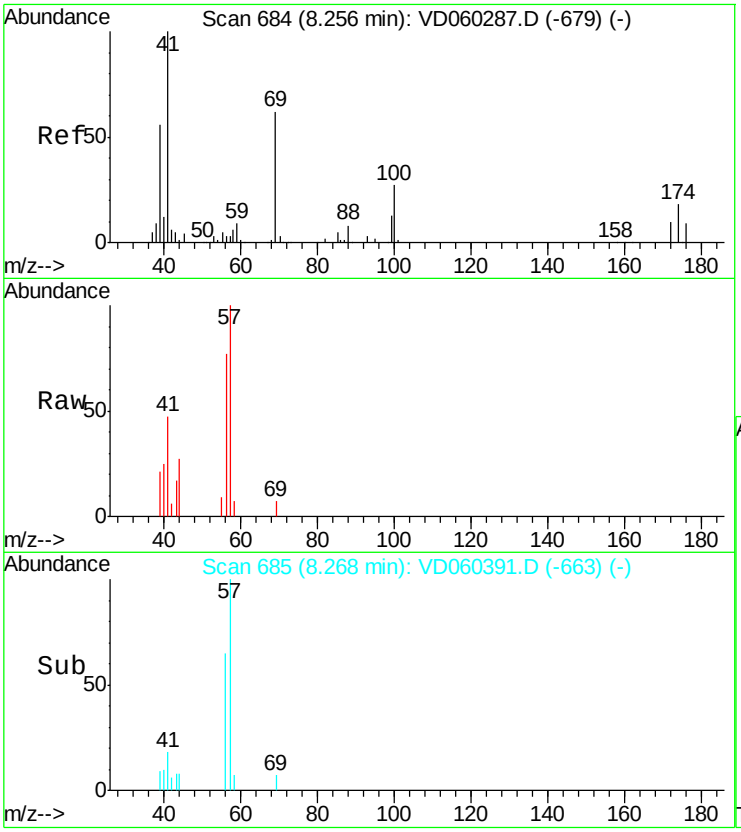


#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 6.43 min Scan# 498
Delta R.T. -0.09 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Tgt Ion:117 Resp: 128218

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.6	115.0#
121	0.0	24.3	36.5#



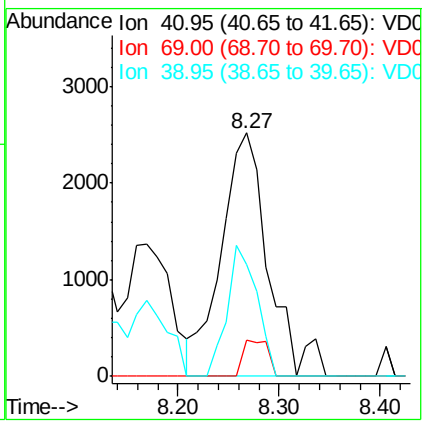


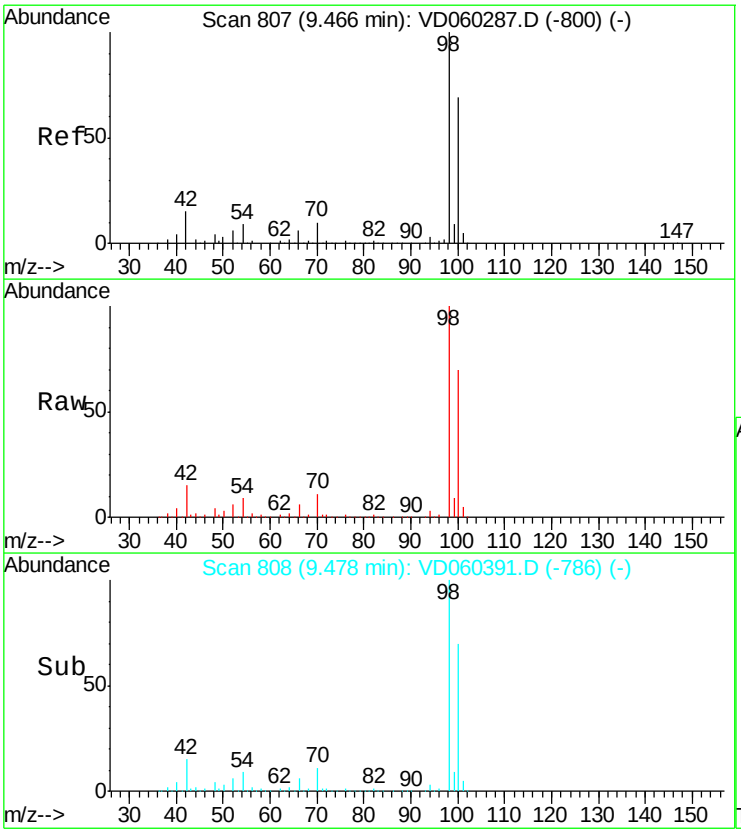
#48
Methyl methacrylate
Concen: 1.07 ug/l
RT: 8.27 min Scan# 685
Delta R.T. 0.01 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Instrument : MSVOA_D
ClientSampleId : VD1116SBL01

Tgt Ion: 41 Resp: 8204

Ion	Ratio	Lower	Upper
41	100		
69	15.0	47.0	70.4#
39	45.7	46.2	69.4#

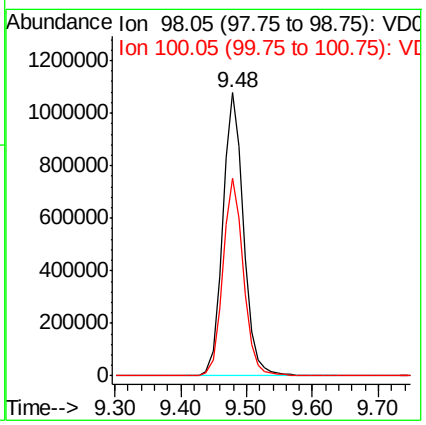


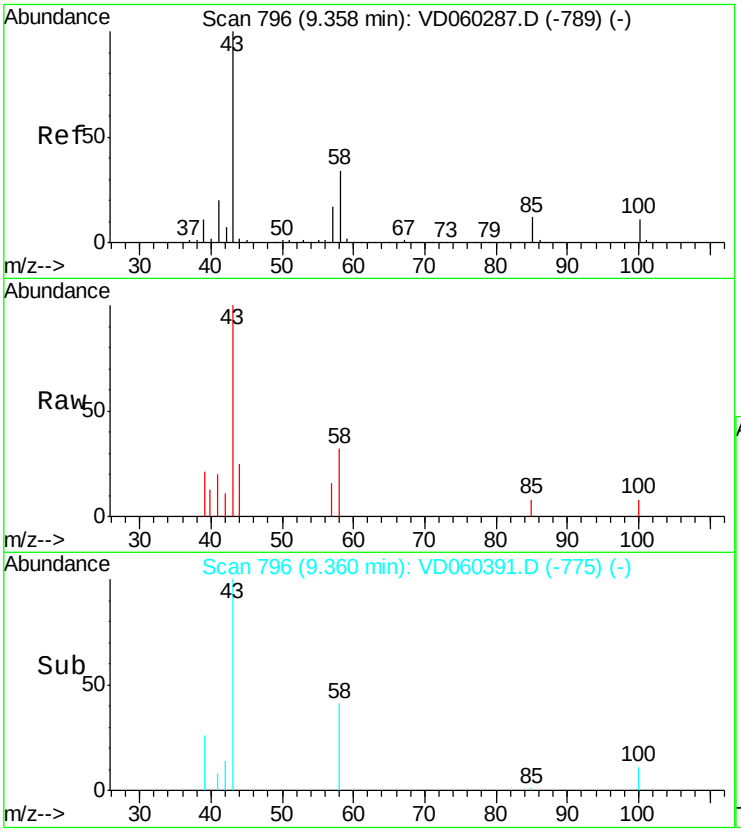


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.48 min Scan# 808
Delta R.T. 0.01 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Tgt Ion: 98 Resp: 2378649

Ion	Ratio	Lower	Upper
98	100		
100	69.8	55.2	82.8



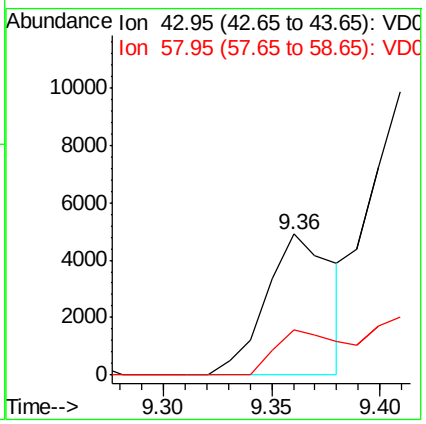


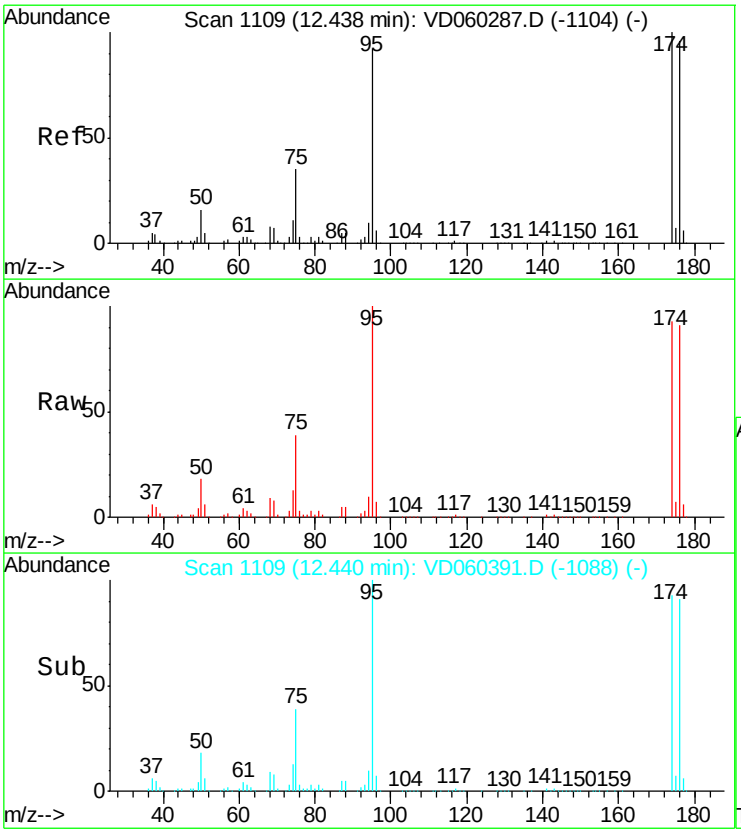
#51
4-Methyl-2-Pentanone
Concen: 1.30 ug/l
RT: 9.36 min Scan# 796
Delta R.T. 0.00 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Instrument :
MSVOA_D
ClientSampleId :
VD1116SBL01

Tgt Ion: 43 Resp: 10668

Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.1	39.1

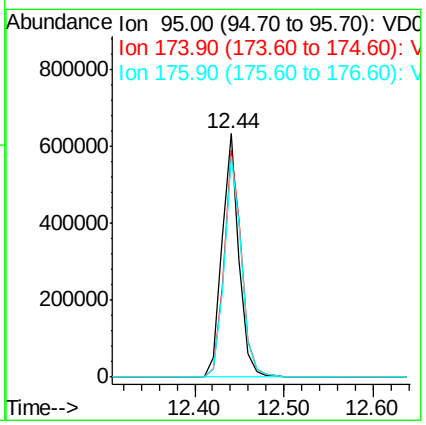


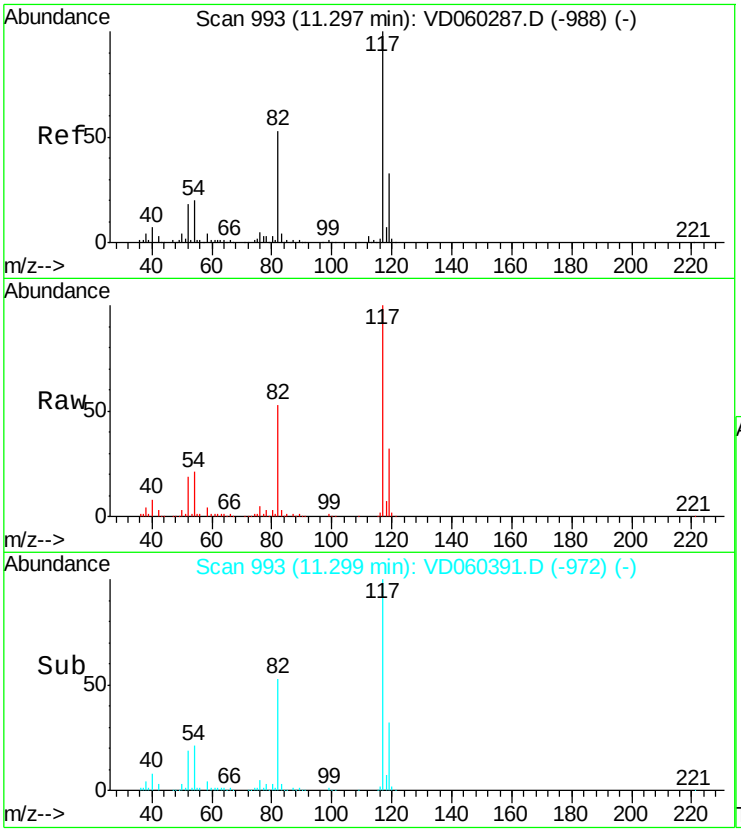


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Tgt Ion: 95 Resp: 852576

Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	160.8
176	90.6	0.0	154.6



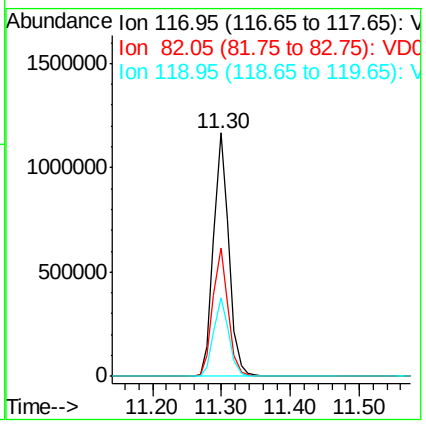


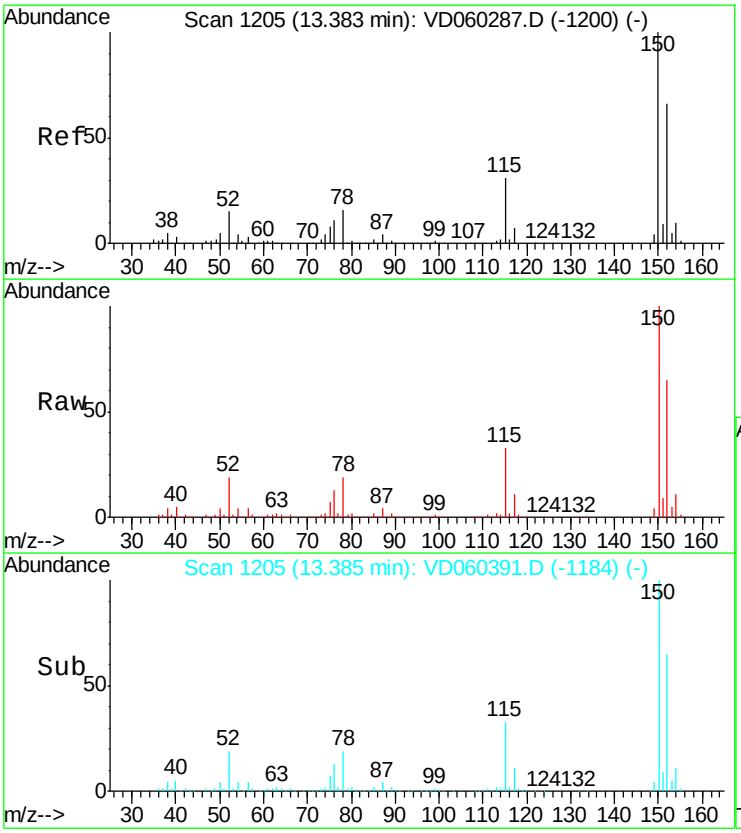
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.30 min Scan# 993
Delta R.T. 0.00 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Instrument :
MSVOA_D
ClientSampleId :
VD1116SBL01

Tgt Ion:117 Resp: 1798118

Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.7	65.5
119	32.4	26.1	39.1

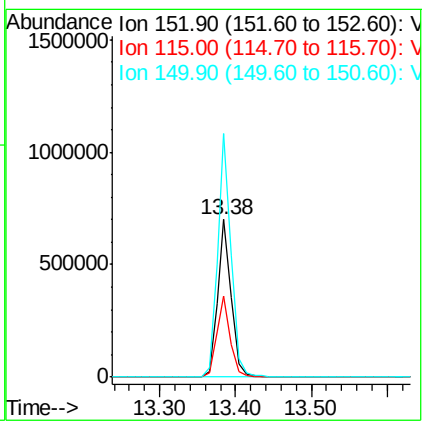


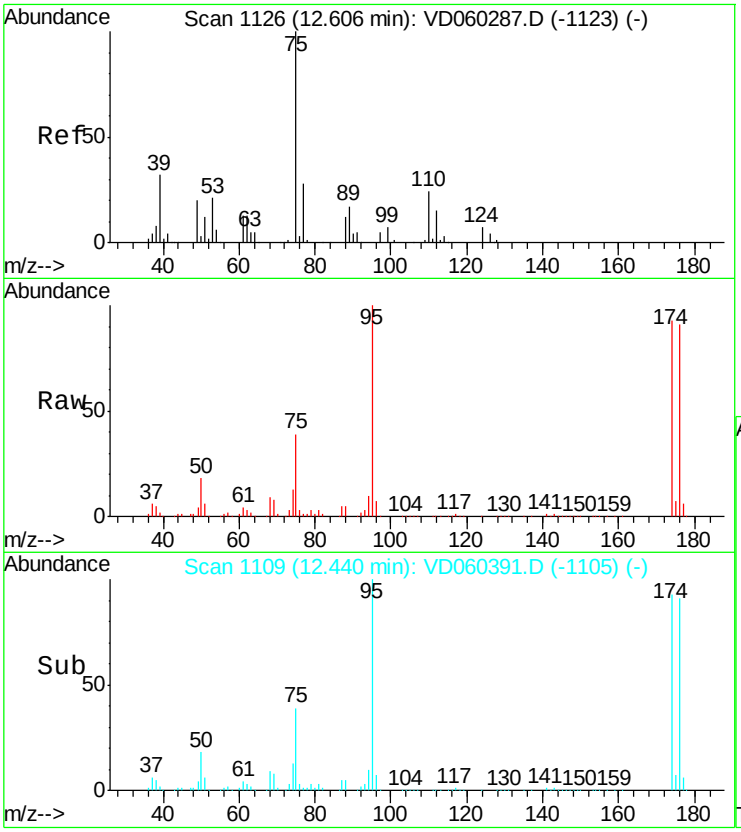


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Tgt Ion:152 Resp: 884115

Ion	Ratio	Lower	Upper
152	100		
115	51.5	24.1	72.3
150	154.4	0.0	310.6



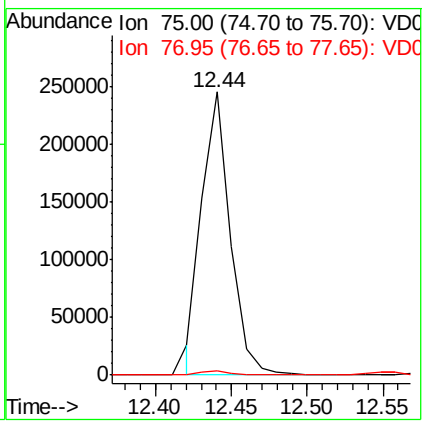


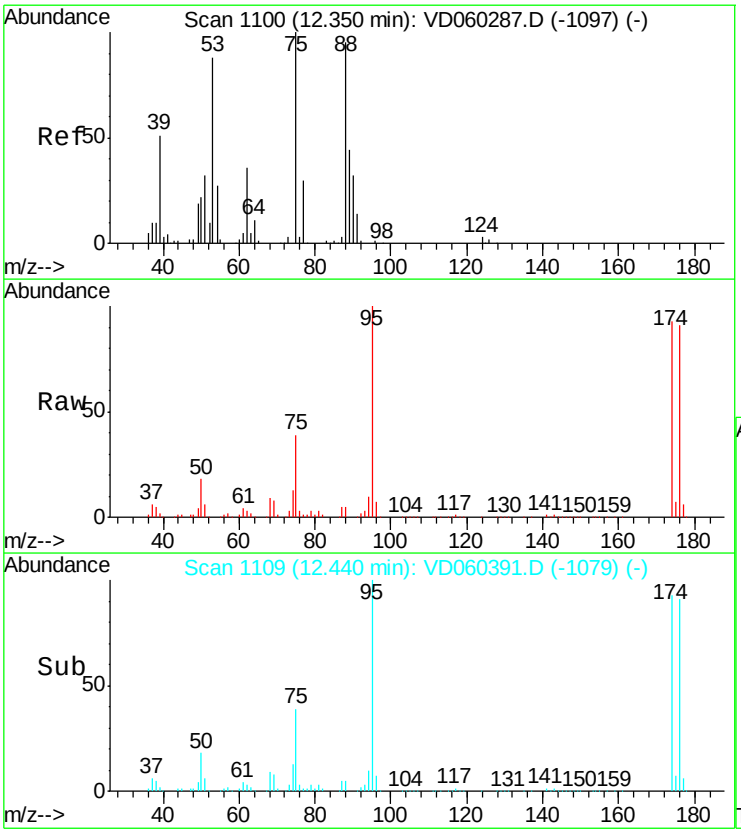
#76
1,2,3-Trichloropropane
Concen: 30.19 ug/l
RT: 12.44 min Scan# 1109
Delta R.T. -0.17 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Instrument :
MSVOA_D
ClientSampleId :
VD1116SBL01

Tgt Ion: 75 Resp: 319287

Ion	Ratio	Lower	Upper
75	100		
77	1.5	16.4	49.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 111.85 ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.09 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Tgt Ion: 75 Resp: 336790

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	103.0#
89	0.0	34.1	51.1#