Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102418\
Data File : VD060191.D
Acq On : 24 Oct 2018 19:36
Operator : JC/SY
Sample : J5661-01
Misc : 5.05/5ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VB44949

Quant Time: Oct 25 03:37:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1212160	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.43	114	1699227	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1175916	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	396022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	532771	57.98	ug/l	0.02
Spiked Amount 50.000			Recovery = 115.96%			
35) Dibromofluoromethane	6.32	113	648622	50.27	ug/l	0.02
Spiked Amount 50.000			Recovery = 100.54%			
50) Toluene-d8	9.45	98	1572270	42.73	ug/l	0.01
Spiked Amount 50.000			Recovery = 85.46%			
62) 4-Bromofluorobenzene	12.42	95	471300	34.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.42%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.94	59	2906	4.410	ug/l #	74
13) Acrolein	3.11	56	430	1.059	ug/l	95
16) Acetone	3.15	43	39995	23.988	ug/l	92
18) Methyl Acetate	3.56	43	6923	1.932	ug/l #	63
20) Methylene Chloride	3.71	84	71094	1.222	ug/l	97
25) 2-Butanone	5.62	43	37958	9.113	ug/l	97
29) Tetrahydrofuran	5.95	42	10825	4.474	ug/l #	89
31) Cyclohexane	6.40	56	34289	1.723	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	88034	5.422	ug/l #	46
37) Ethyl Acetate	5.62	43	37958	3.522	ug/l #	71
38) Carbon Tetrachloride	6.40	117	95419	6.475	ug/l #	15
39) Methylcyclohexane	8.03	83	21708	1.177	ug/l	88
41) Methacrylonitrile	5.95	41	7414	1.217	ug/l #	85
51) 4-Methyl-2-Pentanone	9.33	43	9200	1.029	ug/l	100
76) 1,2,3-Trichloropropane	12.42	75	182093	31.928	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.42	75	190469	118.855	ug/l #	14

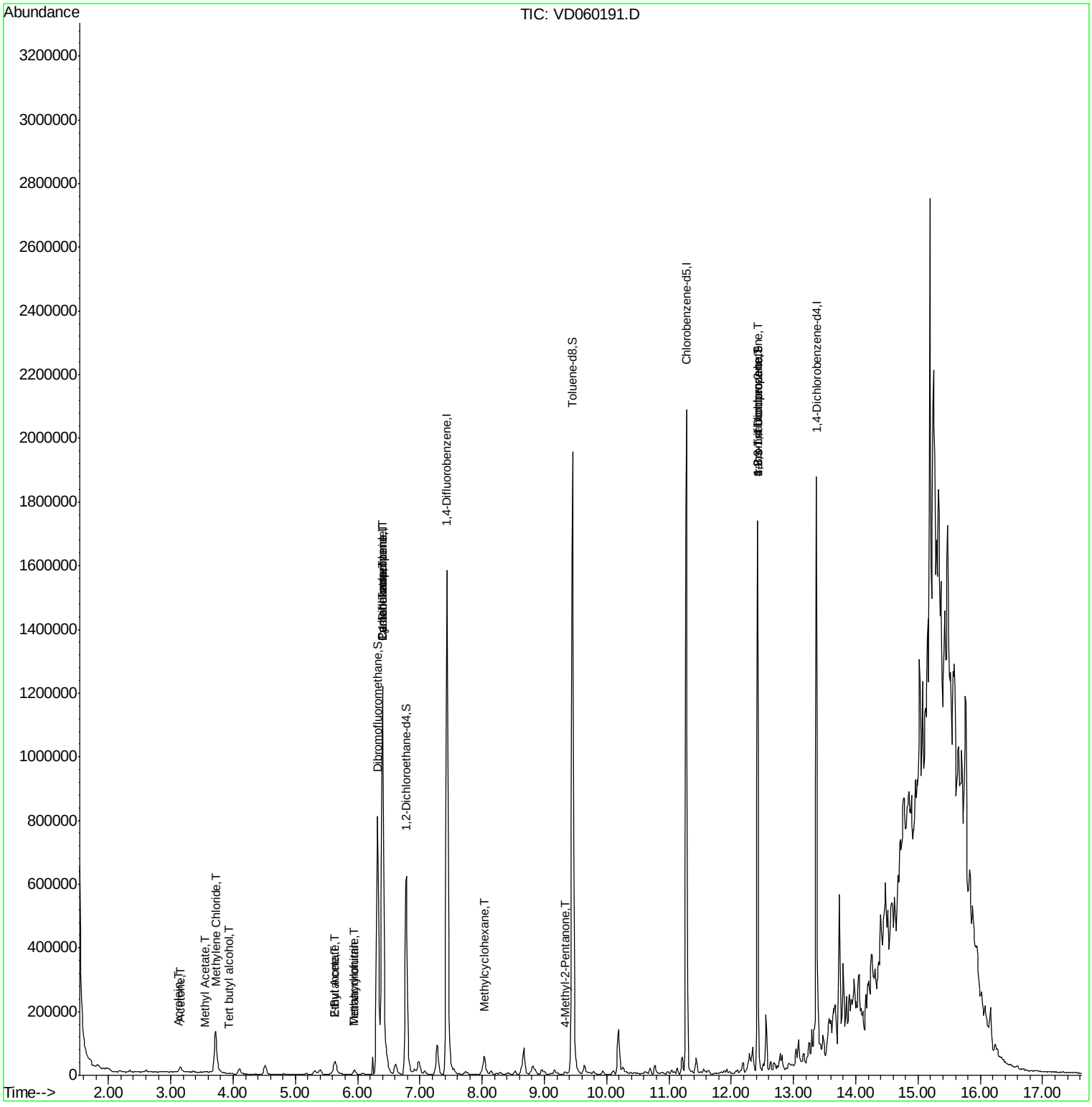
(#) = qualifier out of range (m) = manual integration (+) = signals summed

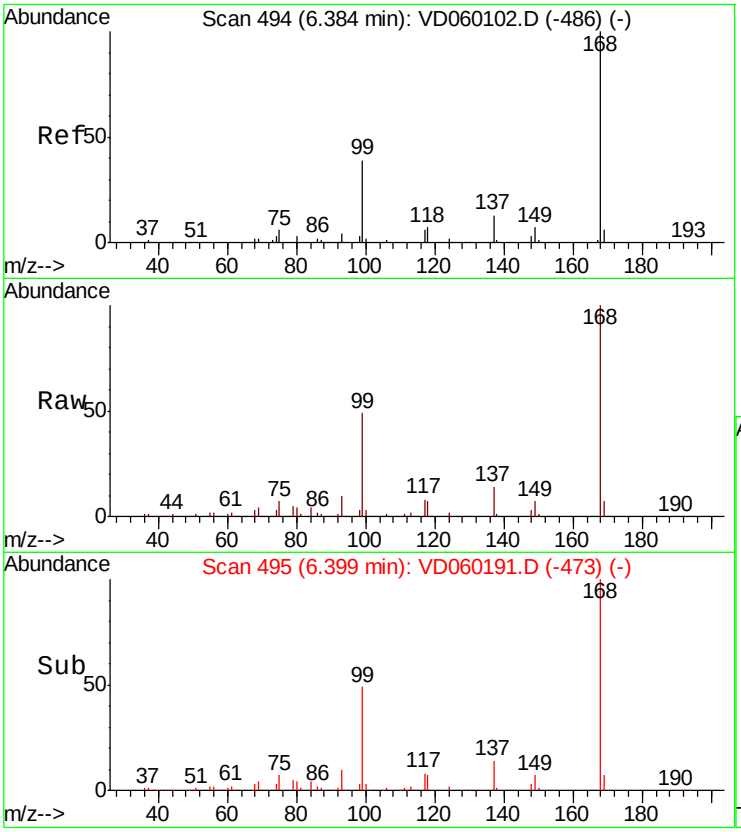
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060191.D
Acq On : 24 Oct 2018 19:36
Operator : JC/SY
Sample : J5661-01
Misc : 5.05/5ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VB44949

Quant Time: Oct 25 03:37:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration



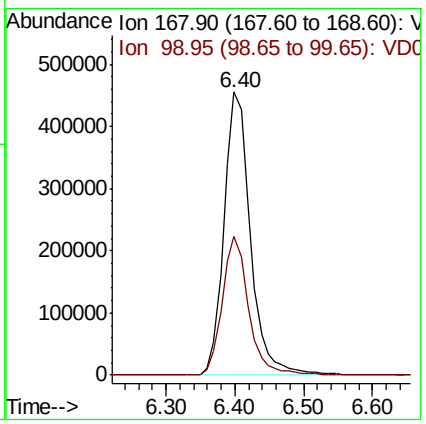


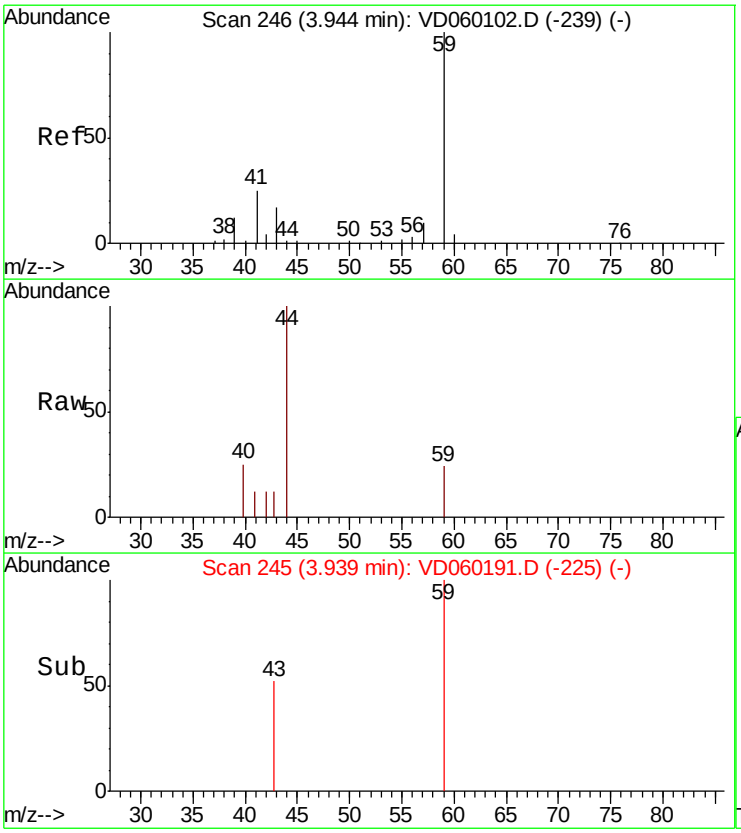
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.40 min Scan# 495
Delta R.T. 0.01 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Instrument : MSVOA_D
ClientSampleId : VB44949

Tgt Ion:168 Resp: 1212160

Ion	Ratio	Lower	Upper
168	100		
99	49.1	35.4	53.0

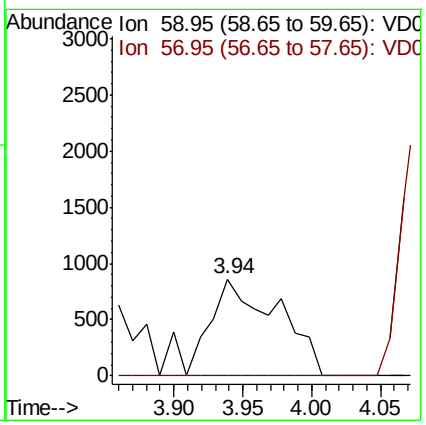


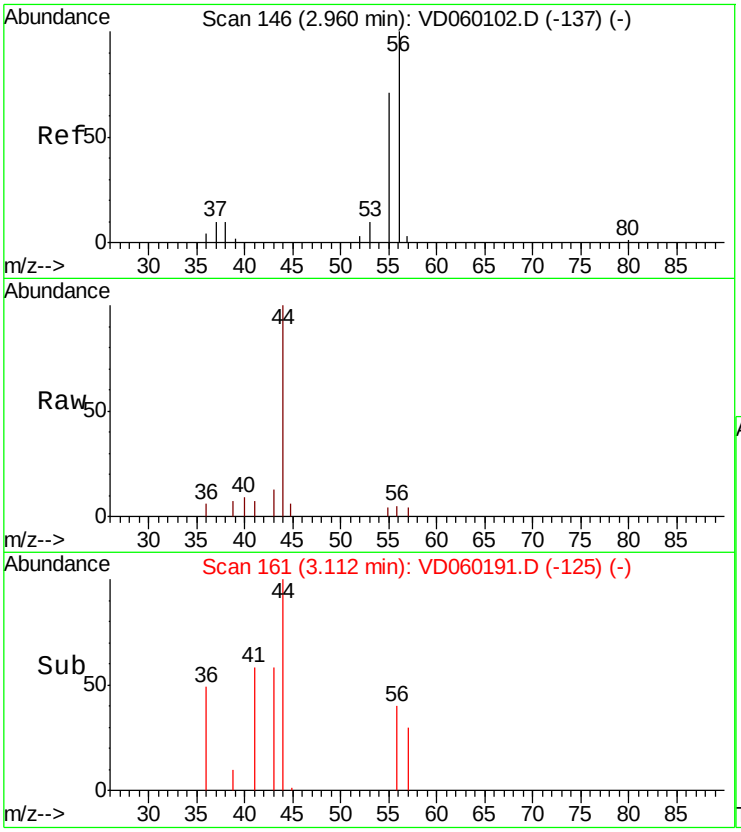


#11
Tert butyl alcohol
Concen: 4.410 ug/l
RT: 3.94 min Scan# 245
Delta R.T. -0.00 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion: 59 Resp: 2906

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



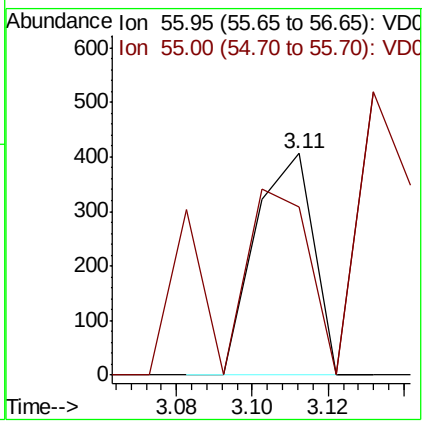


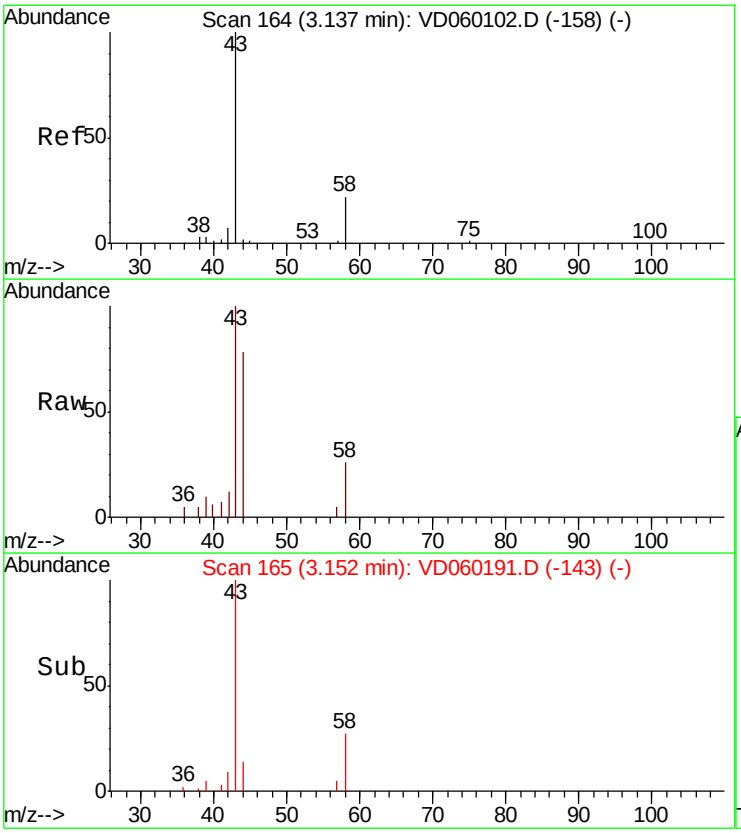
#13
Acrolein
Concen: 1.059 ug/l
RT: 3.11 min Scan# 161
Delta R.T. 0.15 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Instrument : MSVOA_D
ClientSampleId : VB44949

Tgt Ion: 56 Resp: 430

Ion	Ratio	Lower	Upper
56	100		
55	75.9	57.4	86.2

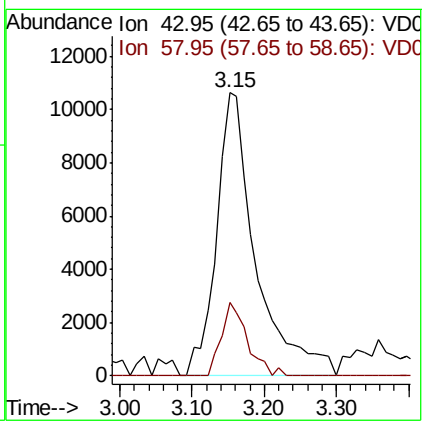


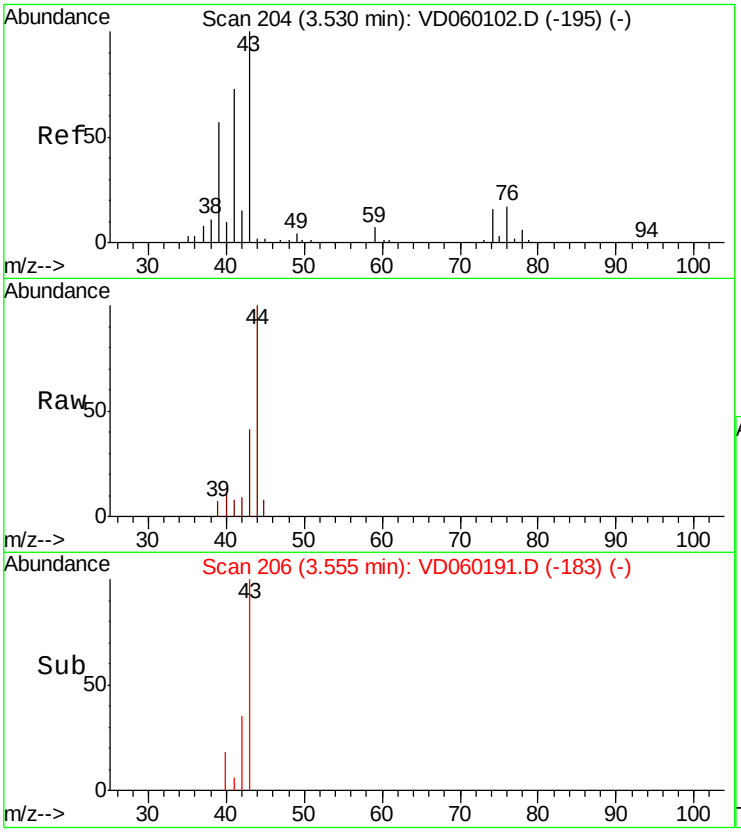


#16
Acetone
Concen: 23.988 ug/l
RT: 3.15 min Scan# 165
Delta R.T. 0.01 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion: 43 Resp: 39995

Ion	Ratio	Lower	Upper
43	100		
58	25.7	17.7	26.5



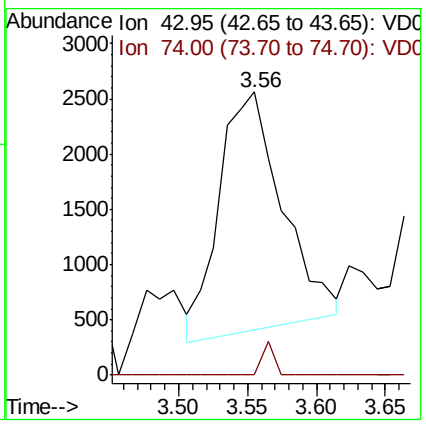


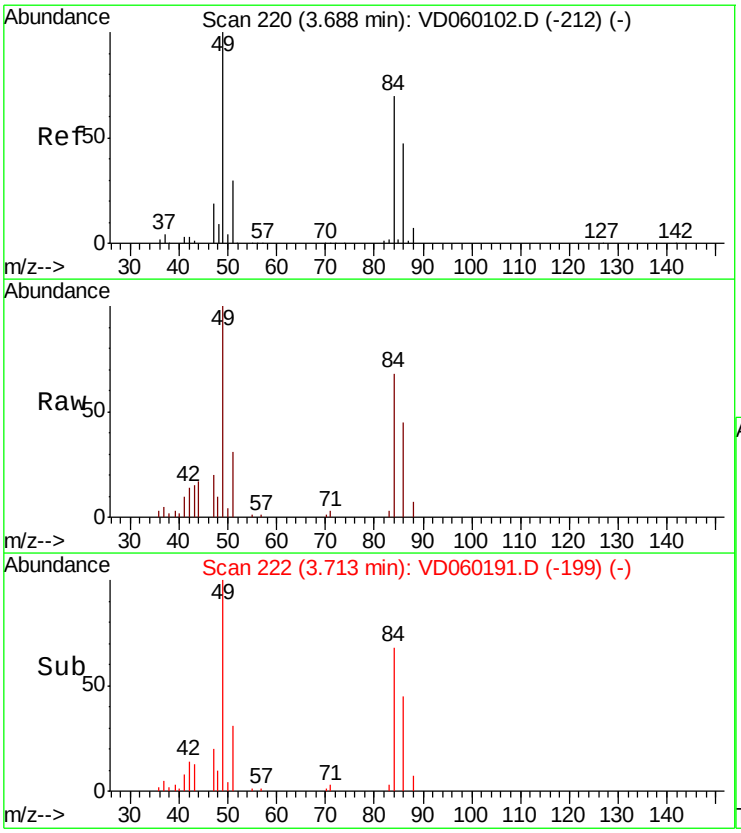
#18
Methyl Acetate
Concen: 1.932 ug/l
RT: 3.56 min Scan# 206
Delta R.T. 0.02 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Instrument : MSVOA_D
ClientSampleId : VB44949

Tgt Ion: 43 Resp: 6923

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.6	19.0#

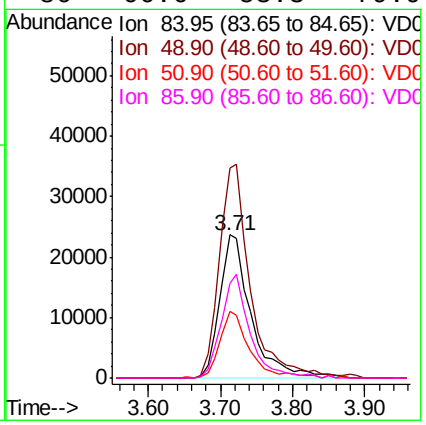


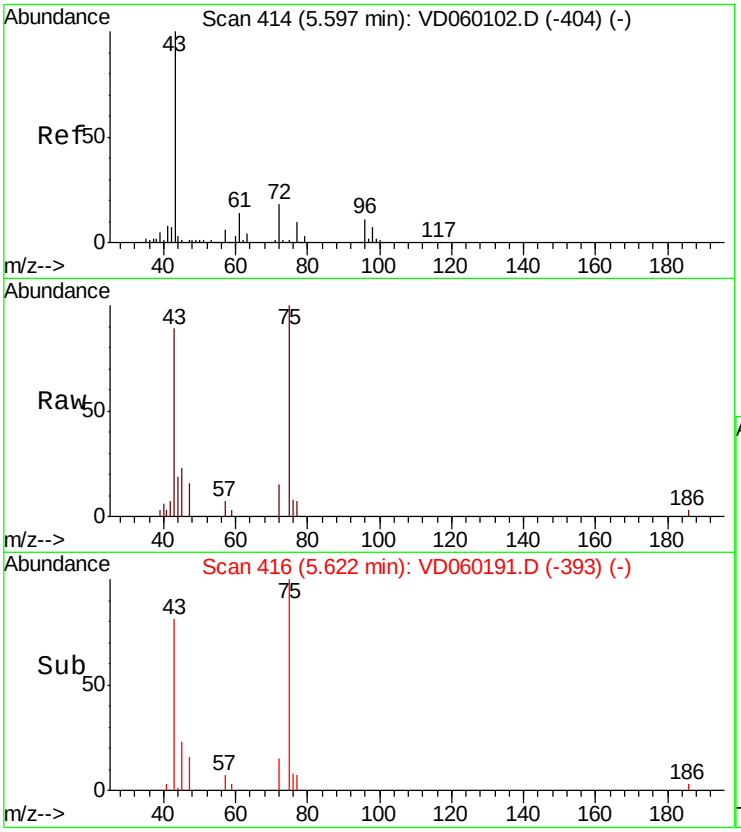


#20
Methylene Chloride
Concen: 1.222 ug/l
RT: 3.71 min Scan# 222
Delta R.T. 0.03 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion: 84 Resp: 71094

Ion	Ratio	Lower	Upper
84	100		
49	146.7	114.6	172.0
51	46.2	33.8	50.8
86	66.6	53.3	79.9



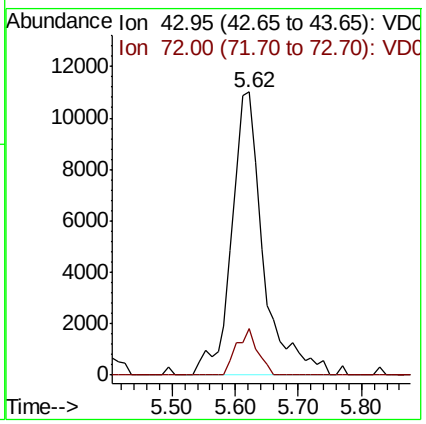


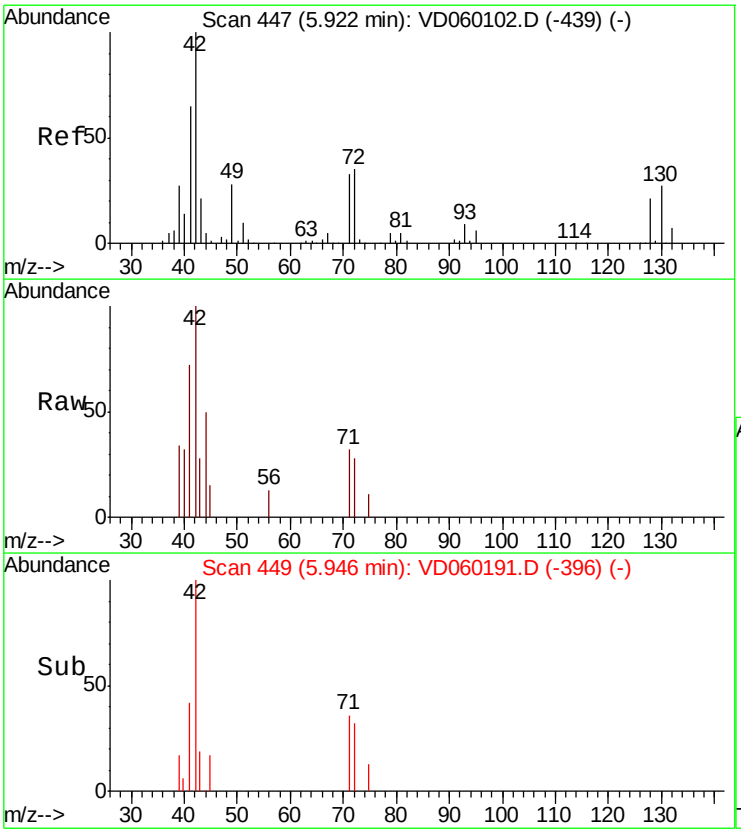
#25
2-Butanone
Concen: 9.113 ug/l
RT: 5.62 min Scan# 416
Delta R.T. 0.02 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Instrument : MSVOA_D
ClientSampleId : VB44949

Tgt Ion: 43 Resp: 37958

Ion	Ratio	Lower	Upper
43	100		
72	16.6	14.5	21.7

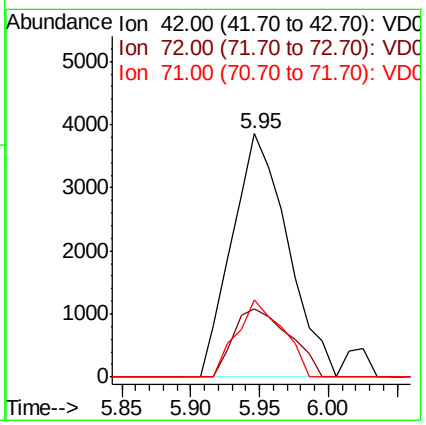


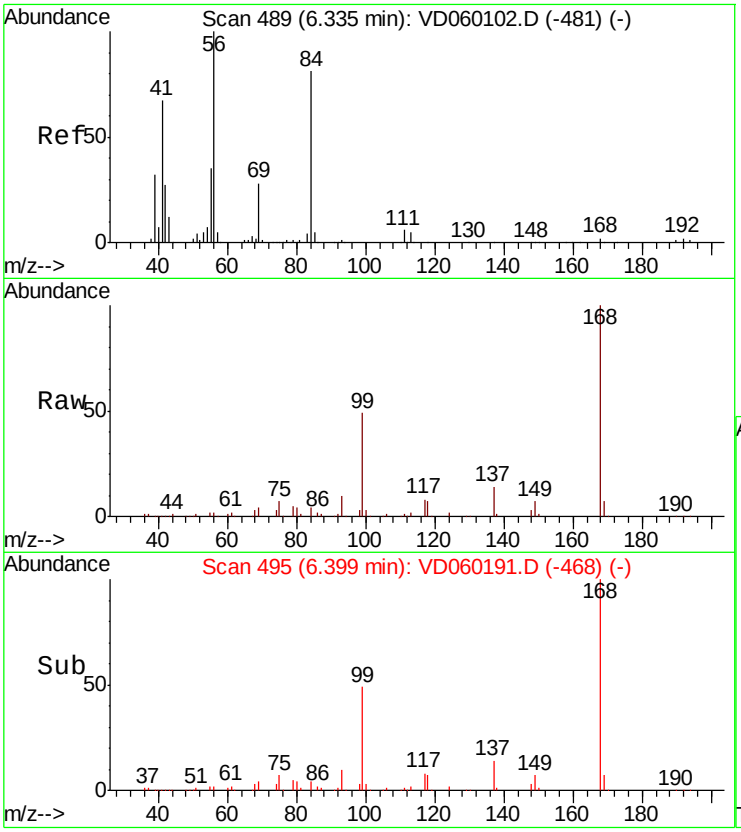


#29
Tetrahydrofuran
Concen: 4.474 ug/l
RT: 5.95 min Scan# 449
Delta R.T. 0.02 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion: 42 Resp: 10825

Ion	Ratio	Lower	Upper
42	100		
72	28.2	26.9	40.3
71	26.1	26.7	40.1#



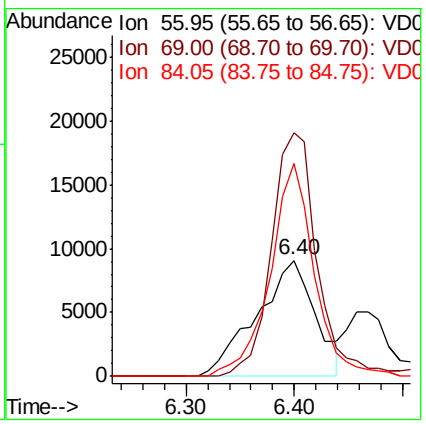


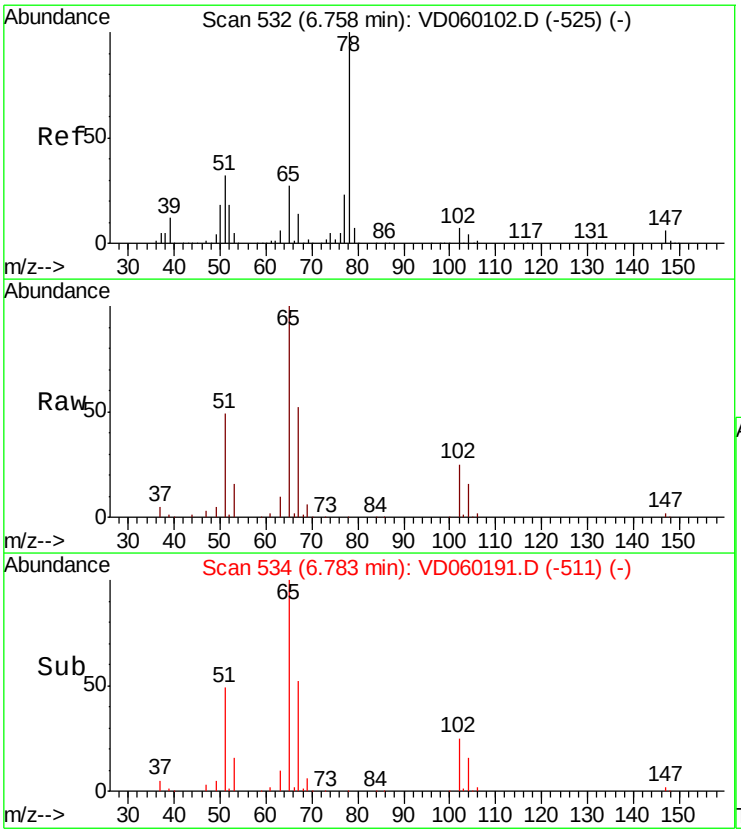
#31
Cyclohexane
Concen: 1.723 ug/l
RT: 6.40 min Scan# 495
Delta R.T. 0.06 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Instrument : MSVOA_D
ClientSampleId : VB44949

Tgt Ion: 56 Resp: 34289

Ion	Ratio	Lower	Upper
56	100		
69	210.3	22.8	34.2#
84	183.7	64.9	97.3#

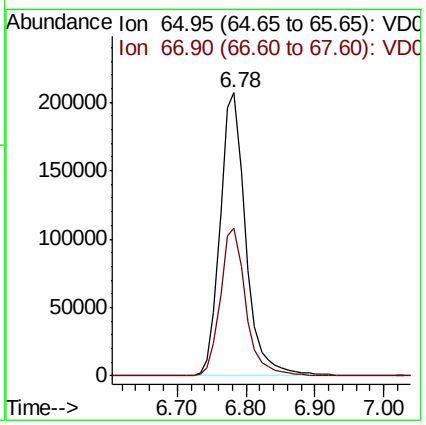


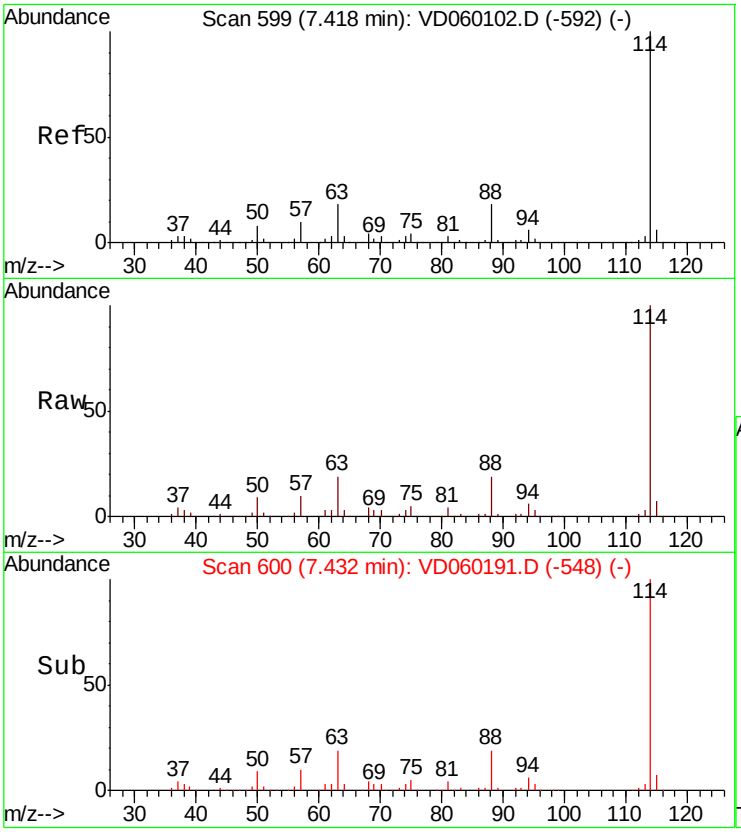


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion: 65 Resp: 532771

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.2



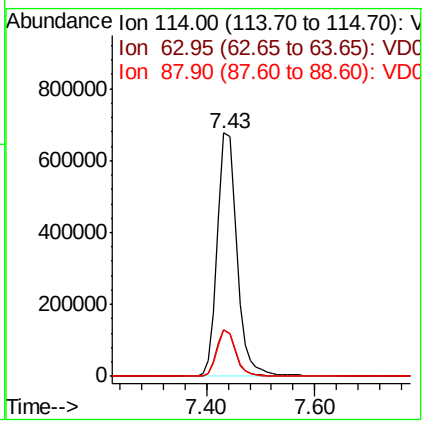


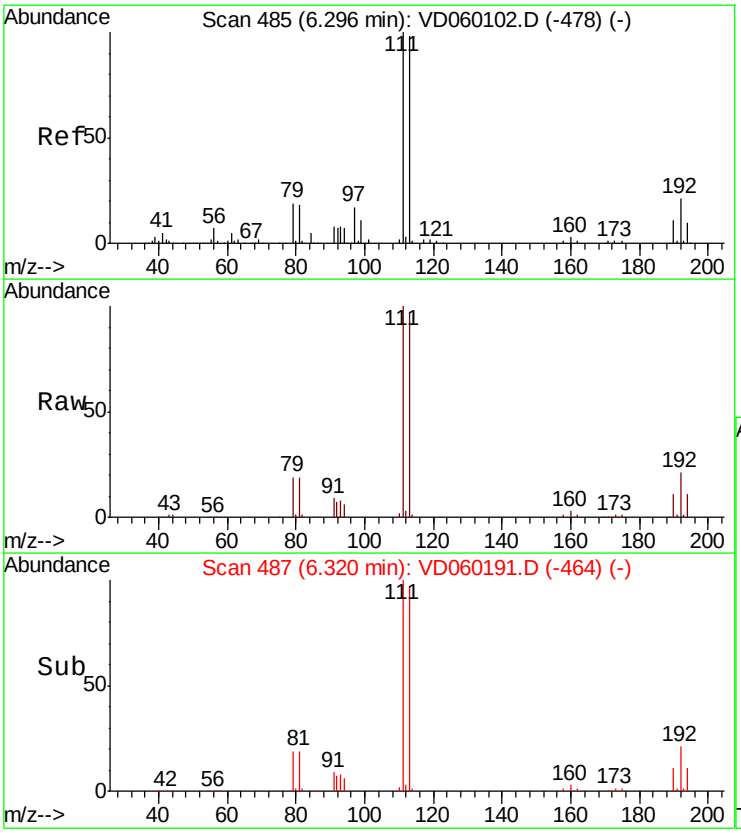
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 600
Delta R.T. 0.01 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Instrument :
MSVOA_D
ClientSampleId :
VB44949

Tgt Ion:114 Resp: 1699227

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	36.0
88	19.1	0.0	36.2

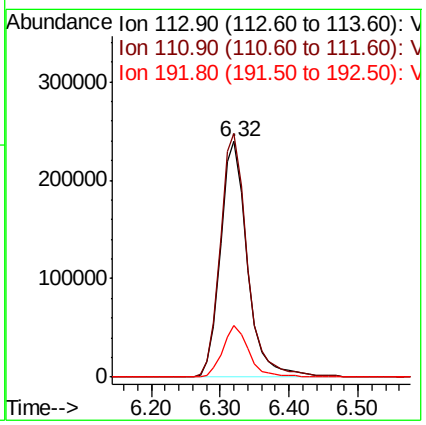


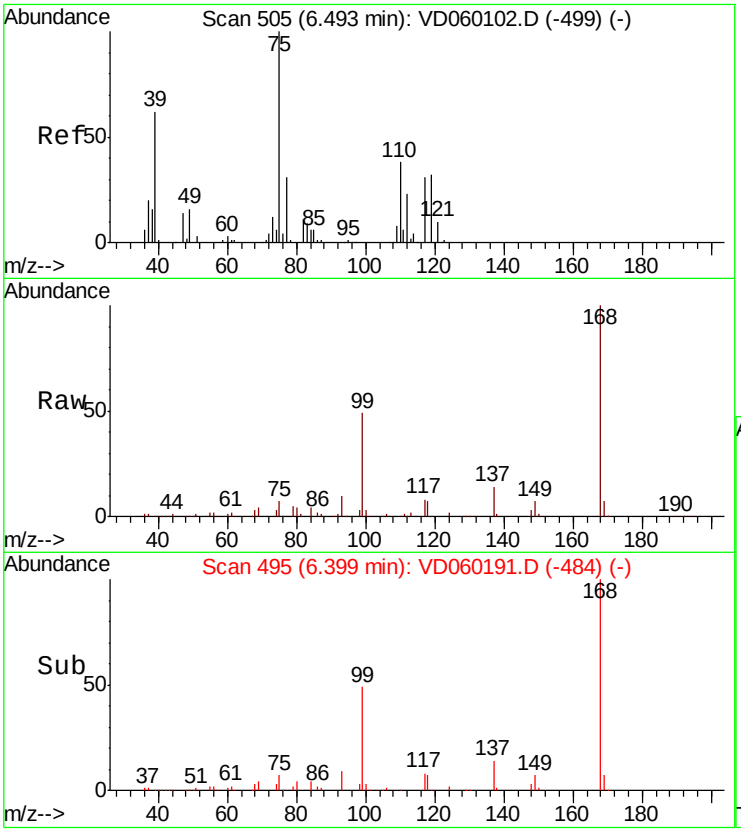


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 487
Delta R.T. 0.02 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion:113 Resp: 648622

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.5	122.3
192	21.9	17.4	26.0



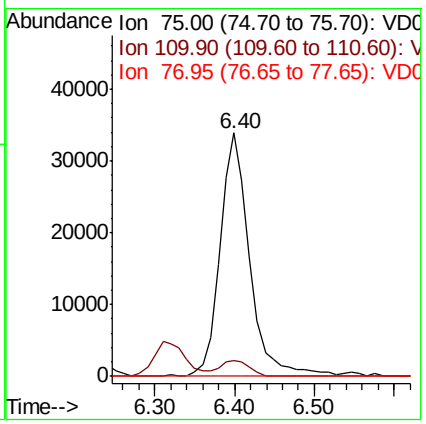


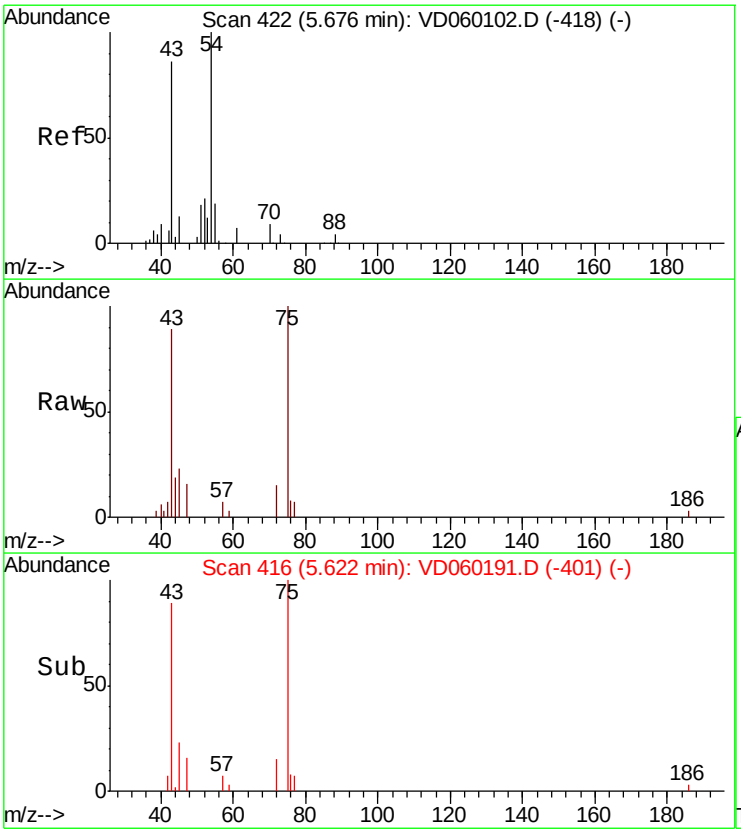
#36
1,1-Dichloropropene
Concen: 5.422 ug/l
RT: 6.40 min Scan# 495
Delta R.T. -0.09 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Instrument : MSVOA_D
ClientSampleId : VB44949

Tgt Ion: 75 Resp: 88034

Ion	Ratio	Lower	Upper
75	100		
110	6.2	19.0	57.0#
77	0.0	24.9	37.3#

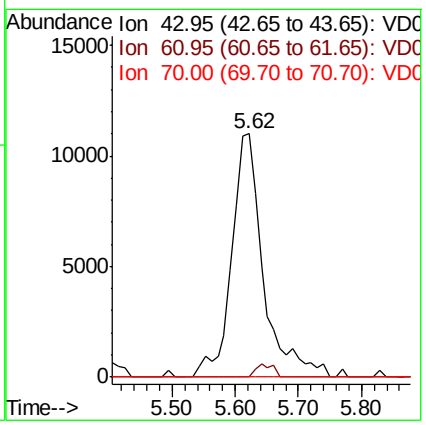


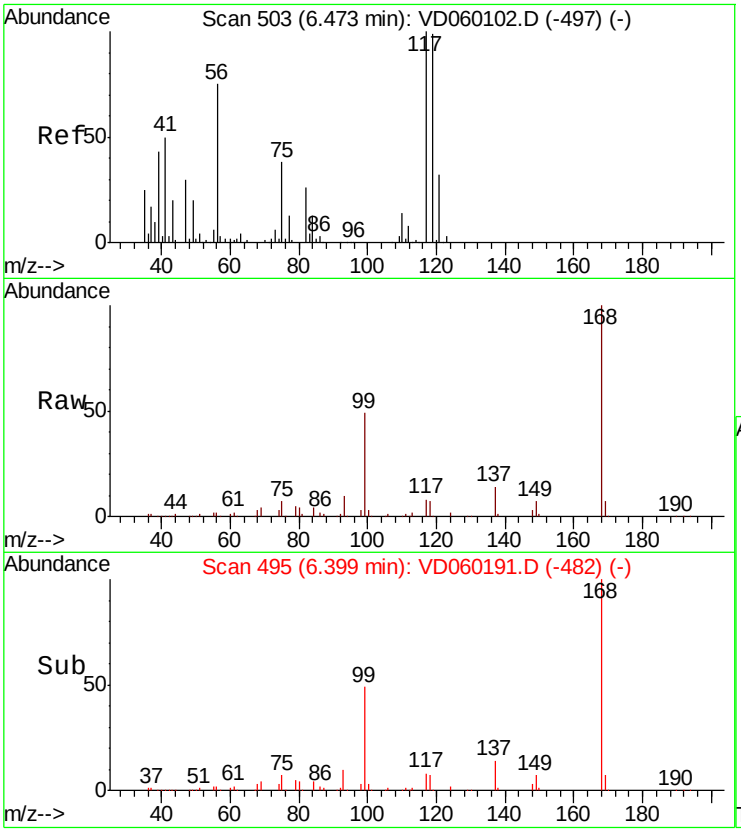


#37
Ethyl Acetate
Concen: 3.522 ug/l
RT: 5.62 min Scan# 416
Delta R.T. -0.05 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion: 43 Resp: 37958

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	0.0	6.3	9.5#



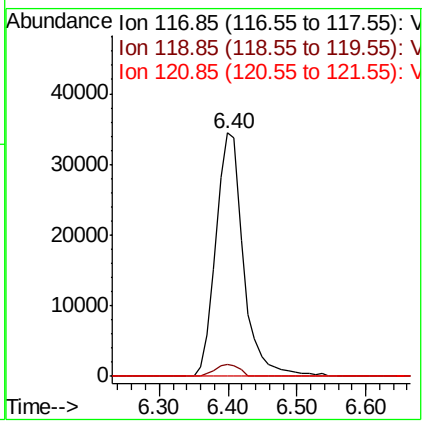


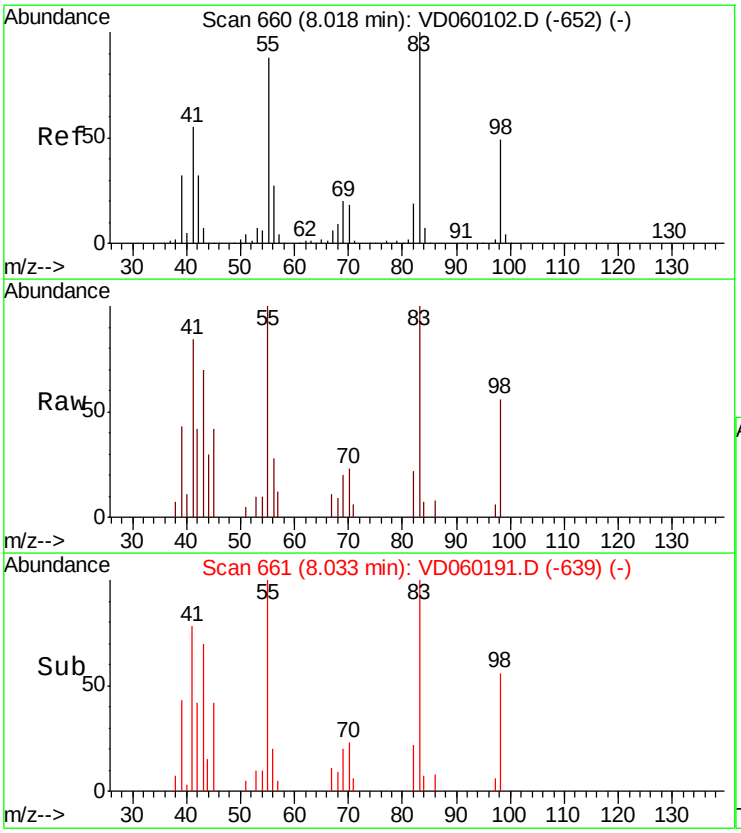
#38
Carbon Tetrachloride
Concen: 6.475 ug/l
RT: 6.40 min Scan# 495
Delta R.T. -0.07 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Instrument : MSVOA_D
ClientSampleId : VB44949

Tgt Ion:117 Resp: 95419

Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.8	116.6#
121	0.0	24.8	37.2#

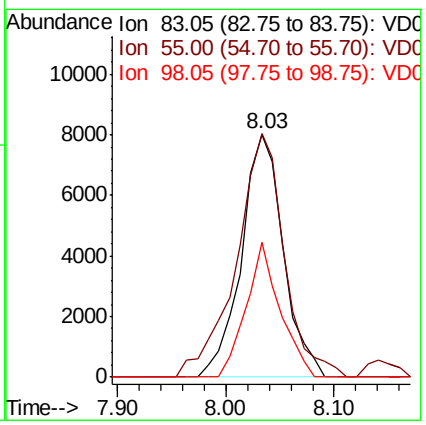


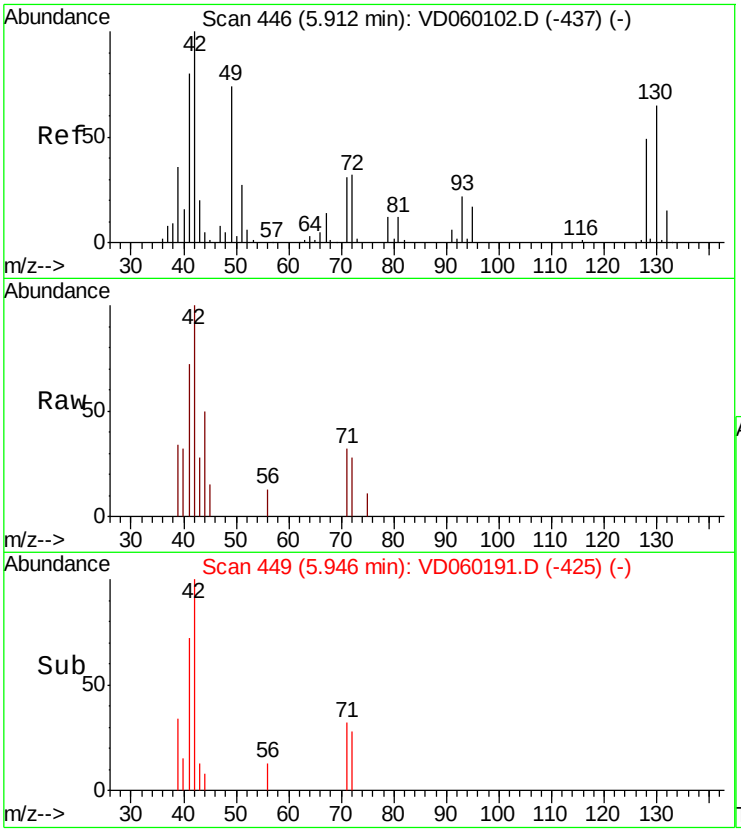


#39
Methylcyclohexane
Concen: 1.177 ug/l
RT: 8.03 min Scan# 661
Delta R.T. 0.01 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion: 83 Resp: 21708

Ion	Ratio	Lower	Upper
83	100		
55	100.2	70.5	105.7
98	55.7	39.4	59.2



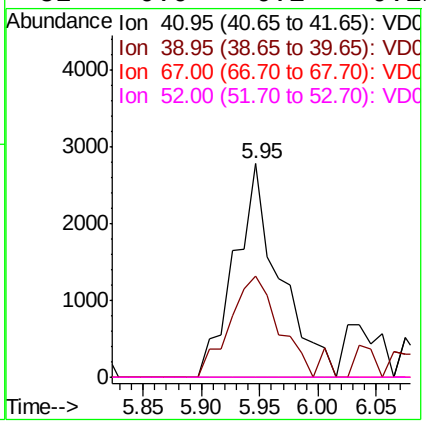


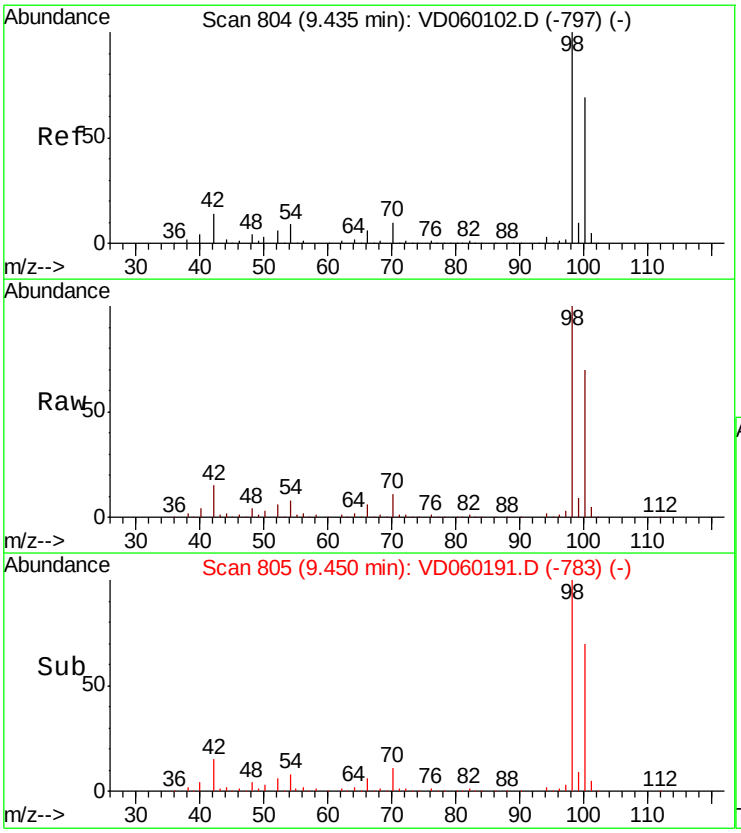
#41
Methacrylonitrile
Concen: 1.217 ug/l
RT: 5.95 min Scan# 449
Delta R.T. 0.03 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Instrument :
MSVOA_D
ClientSampleId :
VB44949

Tgt Ion: 41 Resp: 7414

Ion	Ratio	Lower	Upper
41	100		
39	47.5	36.0	54.0
67	0.0	13.9	20.9#
52	0.0	6.1	9.1#

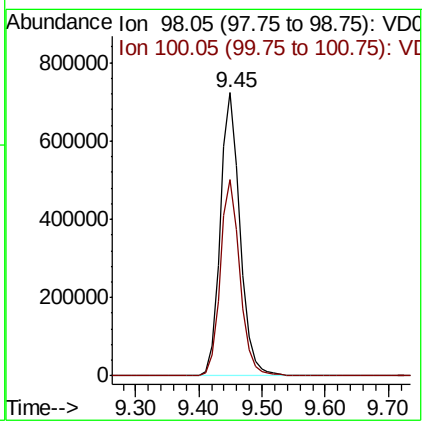


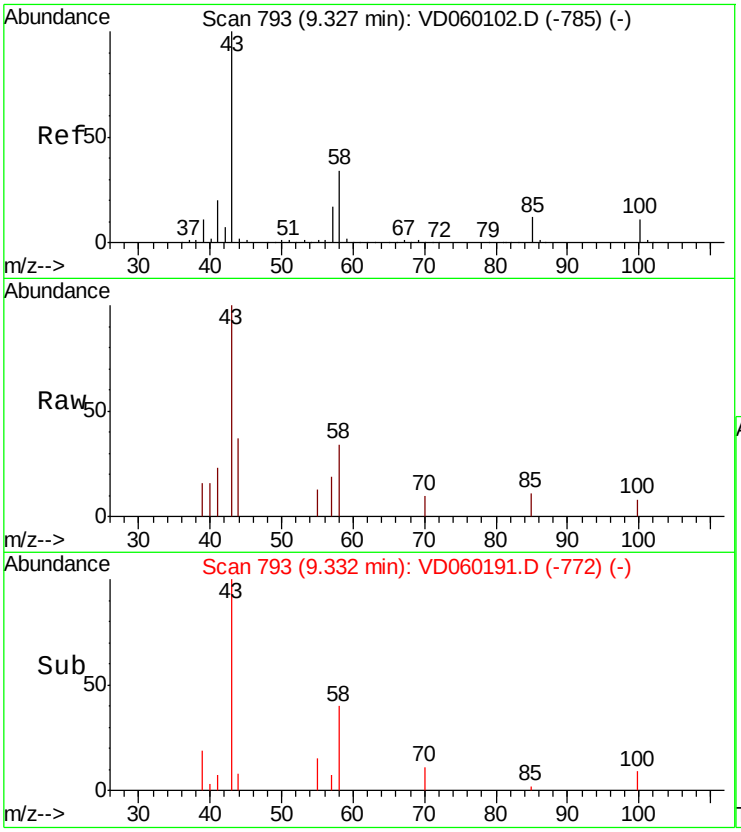


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion: 98 Resp: 1572270

Ion	Ratio	Lower	Upper
98	100		
100	69.6	55.4	83.0



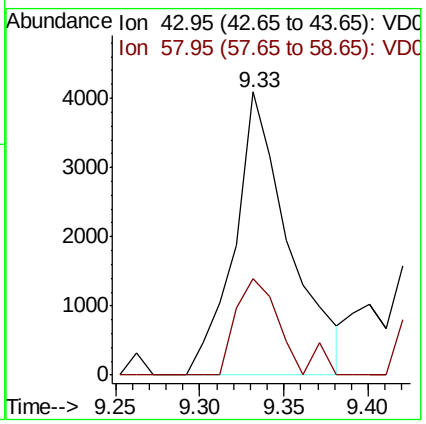


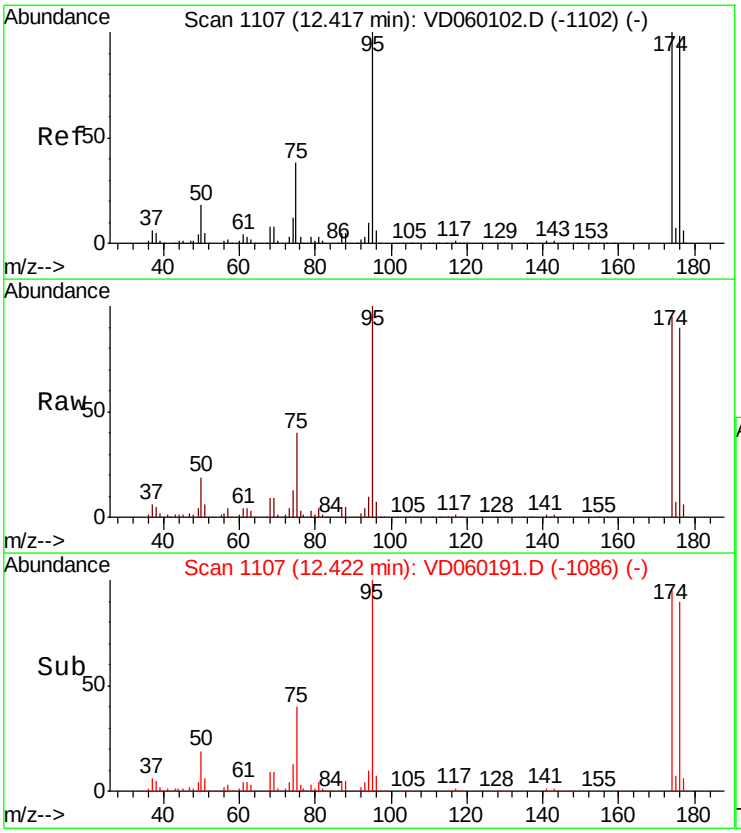
#51
4-Methyl-2-Pentanone
Concen: 1.029 ug/l
RT: 9.33 min Scan# 793
Delta R.T. 0.00 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Instrument : MSVOA_D
ClientSampleId : VB44949

Tgt Ion: 43 Resp: 9200

Ion	Ratio	Lower	Upper
43	100		
58	34.0	27.2	40.8

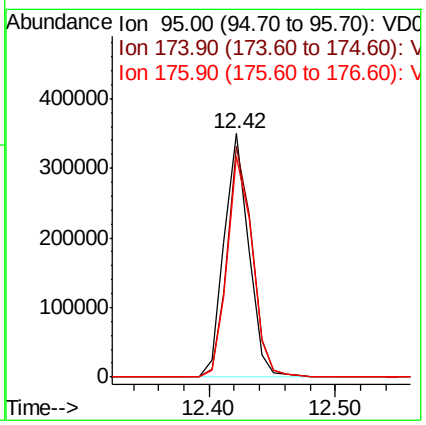


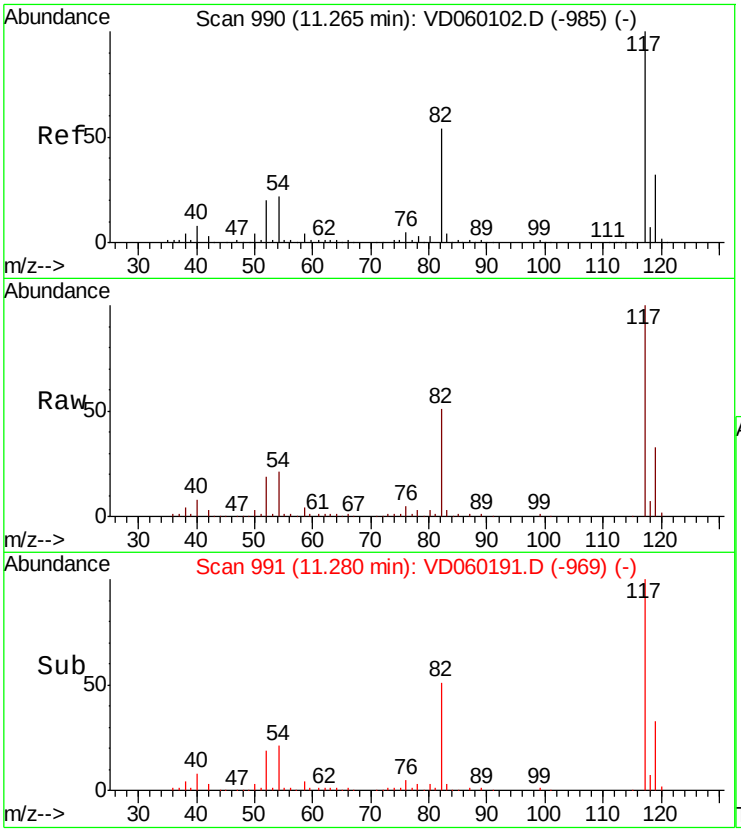


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion: 95 Resp: 471300

Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	200.2
176	90.4	0.0	195.6



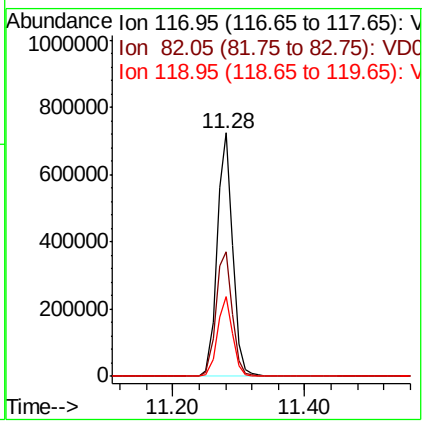


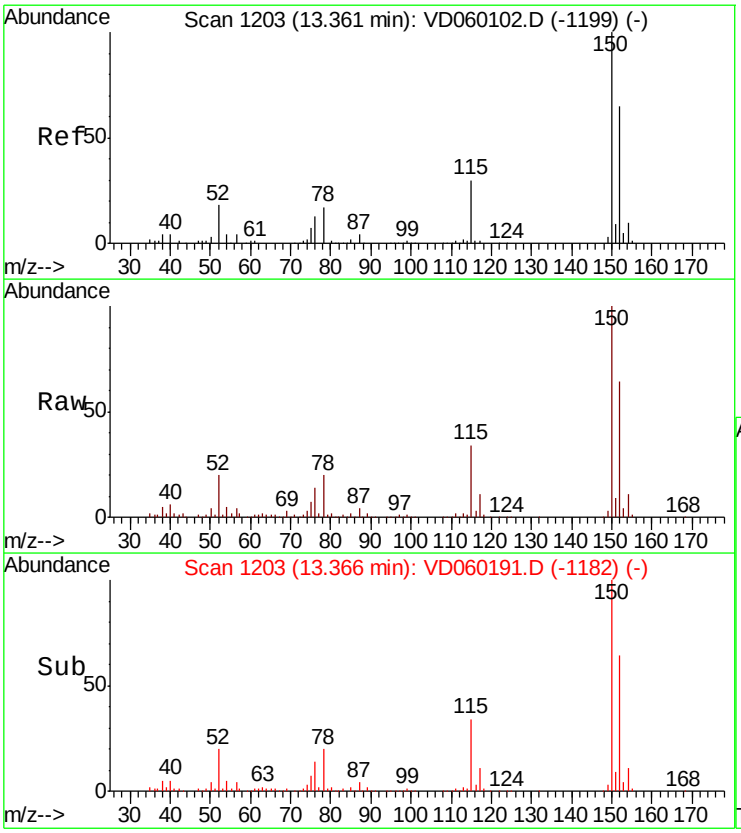
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Instrument : MSVOA_D
ClientSampleId : VB44949

Tgt Ion:117 Resp: 1175916

Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.4	65.2
119	32.6	26.0	39.0

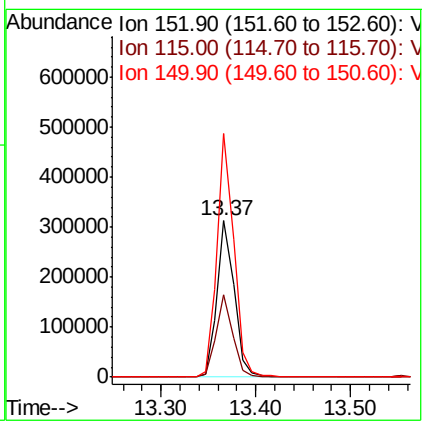


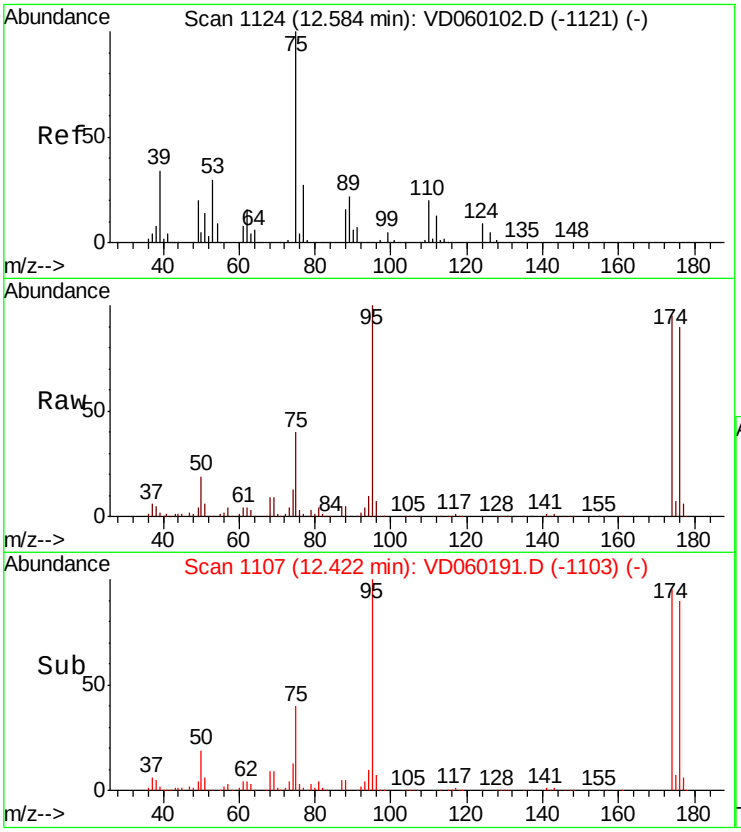


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion:152 Resp: 396022

Ion	Ratio	Lower	Upper
152	100		
115	52.7	27.1	81.2
150	155.7	0.0	311.8



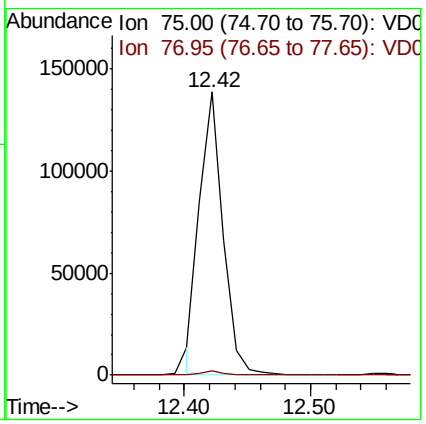


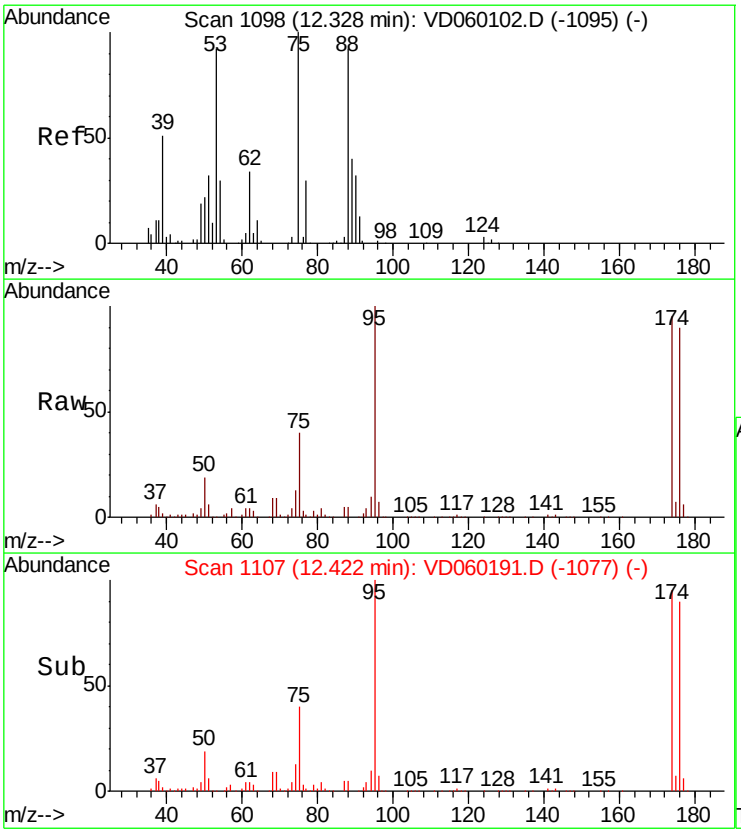
#76
1,2,3-Trichloropropane
Concen: 31.928 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.16 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Instrument :
MSVOA_D
ClientSampleId :
VB44949

Tgt Ion: 75 Resp: 182093

Ion	Ratio	Lower	Upper
75	100		
77	1.4	16.3	48.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 118.855 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.09 min
Lab File: VD060191.D
Acq: 24 Oct 2018 19:36

Tgt Ion: 75 Resp: 190469

Ion	Ratio	Lower	Upper
75	100		
53	0.4	73.0	109.6#
89	0.0	32.0	48.0#