Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121018\
Data File : VD060516.D
Acq On : 10 Dec 2018 10:57
Operator : VA/AP
Sample : VD1210SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD1210SBL01

Quant Time: Dec 11 06:45:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1639764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2264822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1811331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	869066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	628183	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.10%			
35) Dibromofluoromethane	6.33	113	914466	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.94%			
50) Toluene-d8	9.45	98	2718705	56.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.94%			
62) 4-Bromofluorobenzene	12.43	95	924879	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.61	85	3489	Below Cal		81
6) Chloroethane	2.29	64	201	2.334	ug/l #	42
11) Tert butyl alcohol	3.97	59	1526	3.232	ug/l #	73
13) Acrolein	3.00	56	855	1.657	ug/l	89
15) Acrylonitrile	4.10	53	3661	1.365	ug/l #	79
16) Acetone	3.18	43	13077	7.019	ug/l #	86
20) Methylene Chloride	3.74	84	59966	Below Cal		94
25) 2-Butanone	5.64	43	6862	1.872	ug/l	93
29) Tetrahydrofuran	5.96	42	3712	1.788	ug/l #	61
31) Cyclohexane	6.40	56	32306	Below Cal	#	1
36) 1,1-Dichloropropene	6.40	75	117200	5.294	ug/l #	47
38) Carbon Tetrachloride	6.41	117	128150	6.448	ug/l #	15
51) 4-Methyl-2-Pentanone	9.34	43	9577	1.299	ug/l	91
76) 1,2,3-Trichloropropane	12.43	75	288029	29.250	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.43	75	371161	135.145	ug/l #	14
89) n-Butylbenzene	13.66	91	6872	Below Cal		89

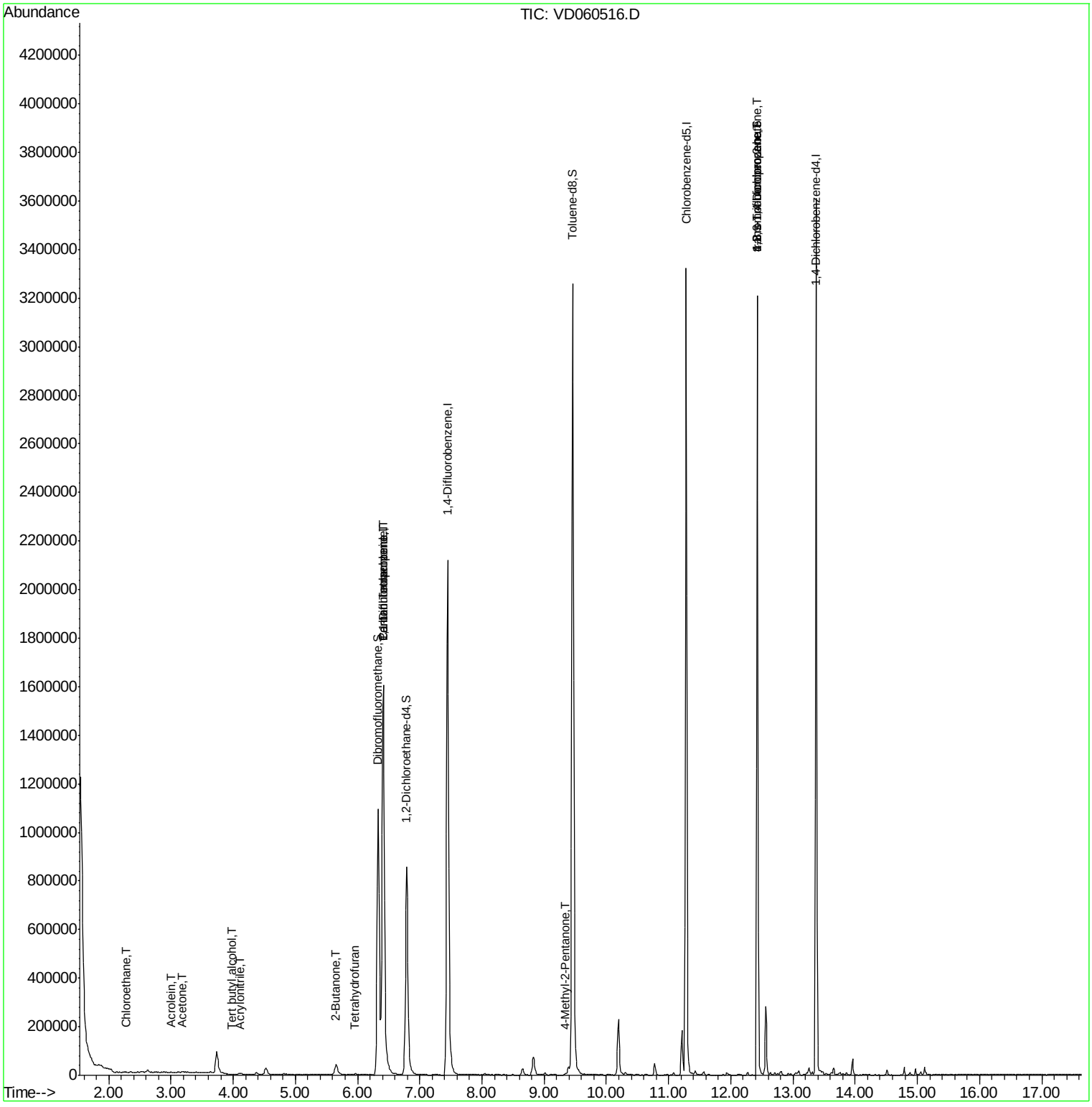
(#) = qualifier out of range (m) = manual integration (+) = signals summed

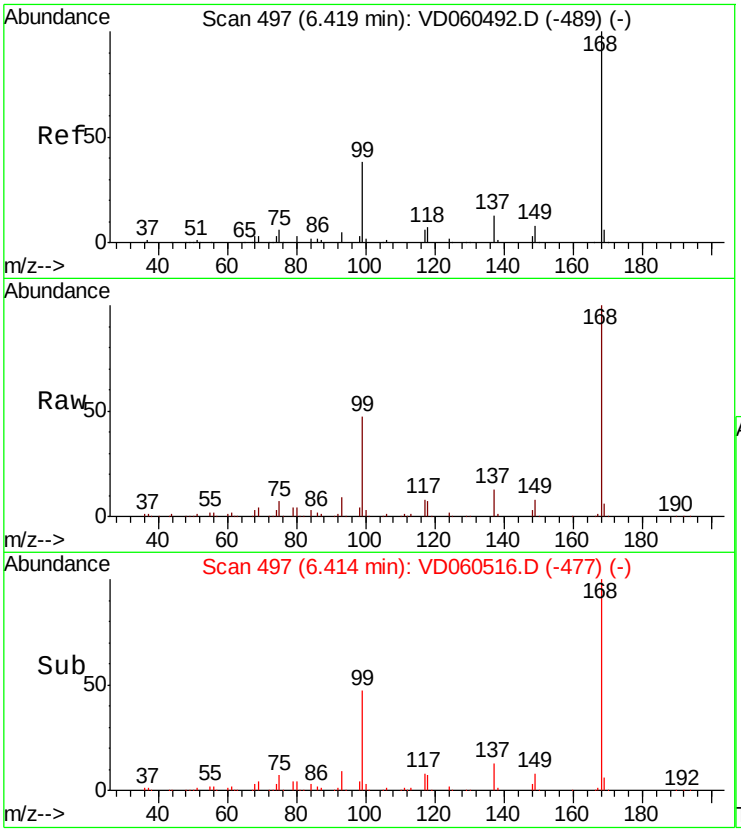
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121018\
Data File : VD060516.D
Acq On : 10 Dec 2018 10:57
Operator : VA/AP
Sample : VD1210SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBL01

Quant Time: Dec 11 06:45:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration



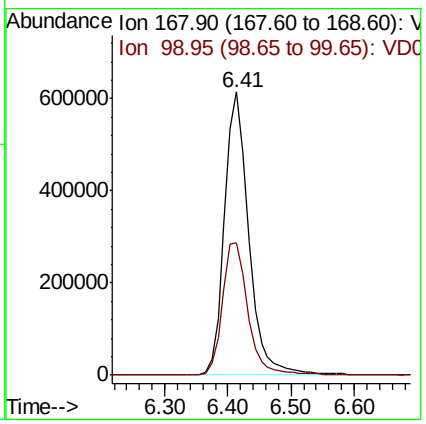


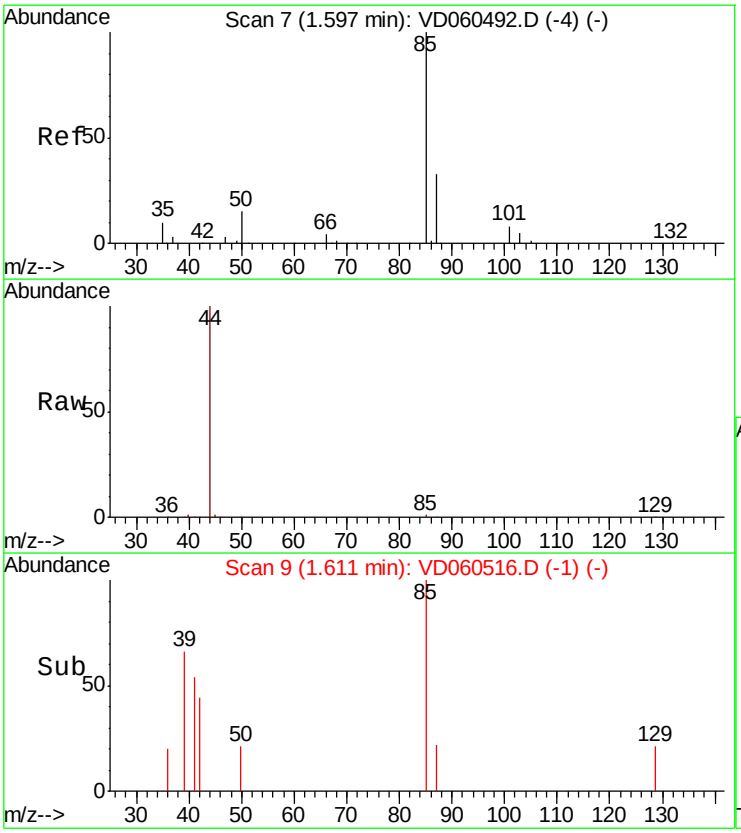
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.01 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBL01

Tgt Ion:168 Resp: 1639764

Ion	Ratio	Lower	Upper
168	100		
99	46.9	35.6	53.4

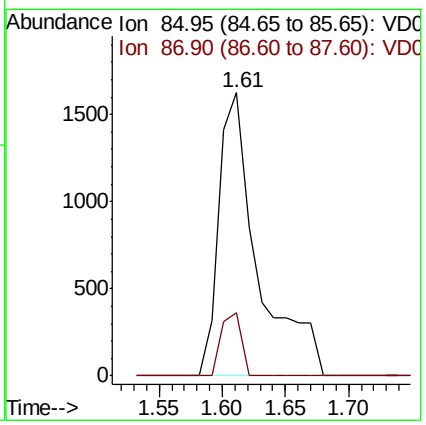


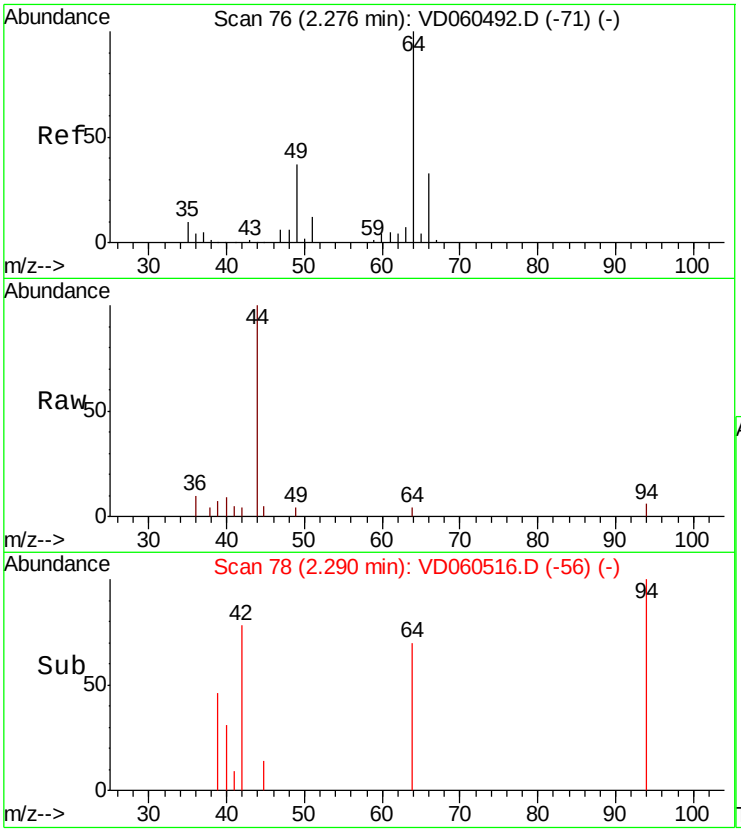


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.61 min Scan# 9
Delta R.T. 0.01 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Tgt Ion: 85 Resp: 3489

Ion	Ratio	Lower	Upper
85	100		
87	22.3	16.7	50.0



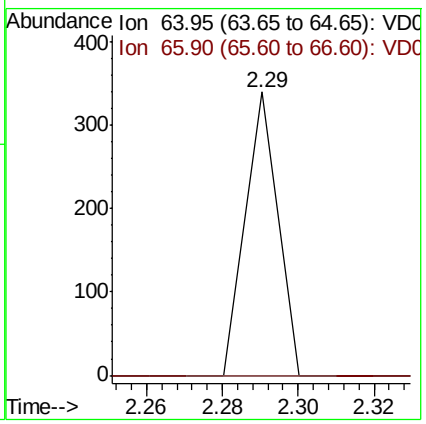


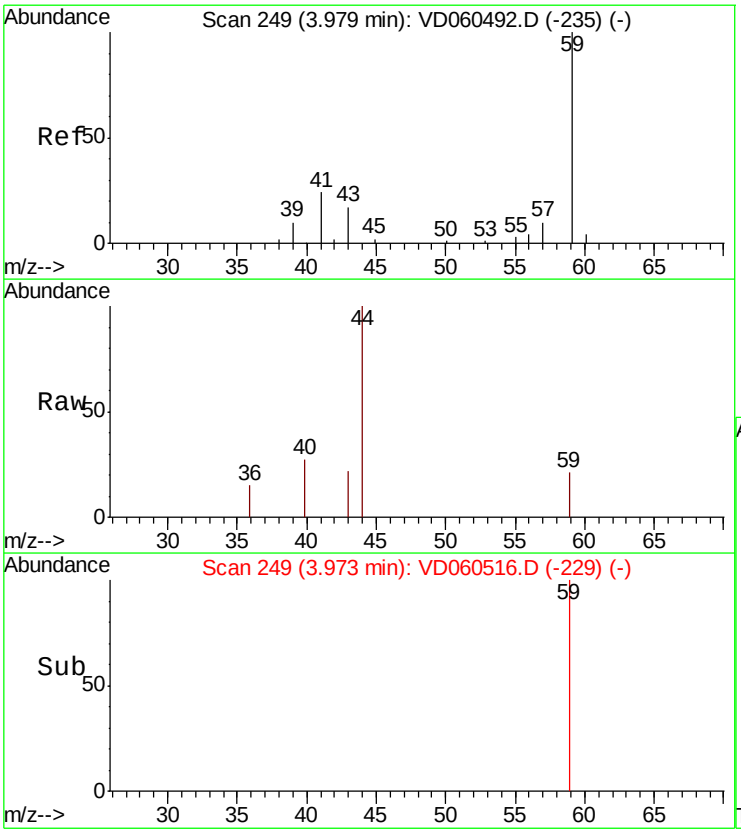
#6
Chloroethane
Concen: 2.334 ug/l
RT: 2.29 min Scan# 78
Delta R.T. 0.01 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBL01

Tgt Ion: 64 Resp: 201

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.4	39.6#

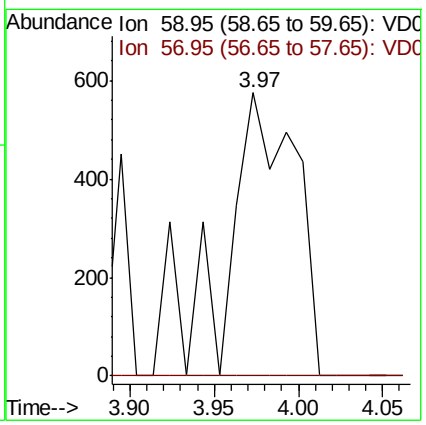


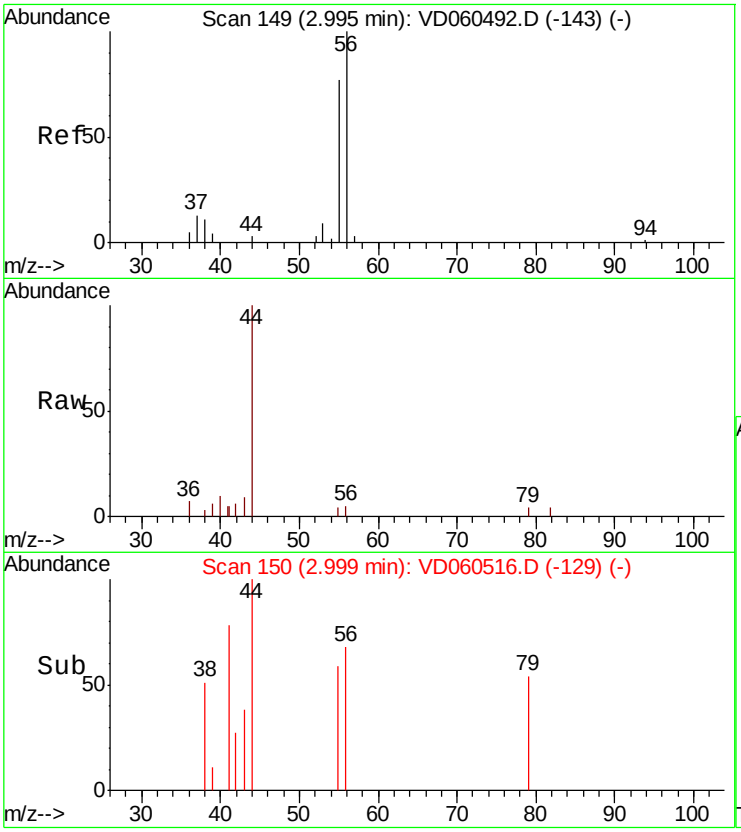


#11
Tert butyl alcohol
Concen: 3.232 ug/l
RT: 3.97 min Scan# 249
Delta R.T. -0.01 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Tgt Ion: 59 Resp: 1526

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#



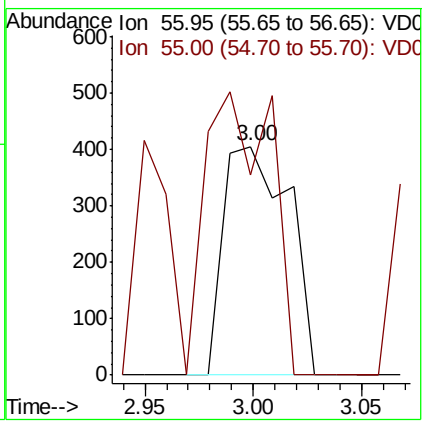


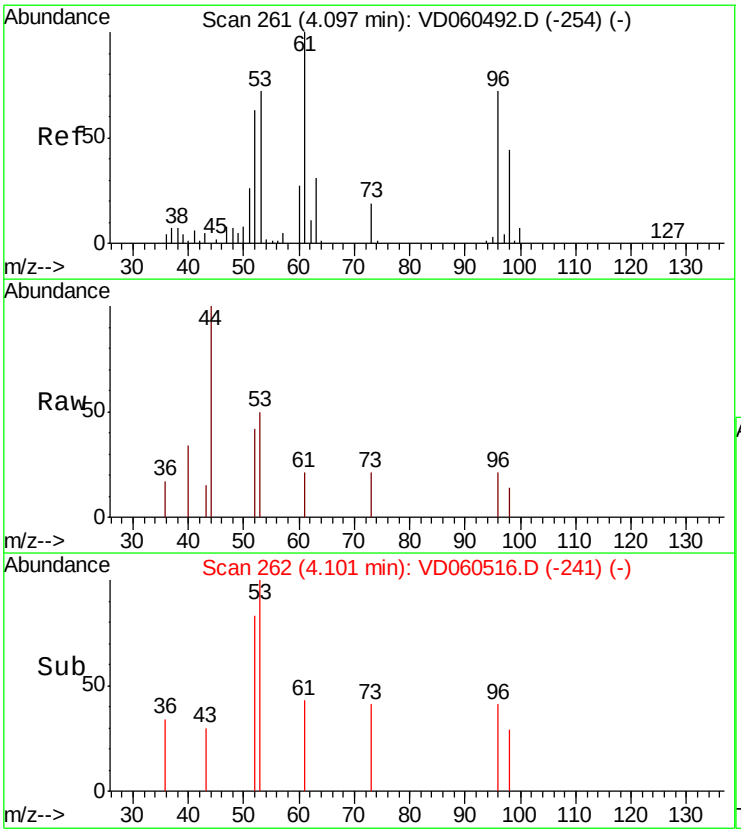
#13
Acrolein
Concen: 1.657 ug/l
RT: 3.00 min Scan# 150
Delta R.T. 0.00 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Instrument : MSVOA_D
ClientSampleId : VD1210SBL01

Tgt Ion: 56 Resp: 855

Ion	Ratio	Lower	Upper
56	100		
55	87.4	62.0	93.0

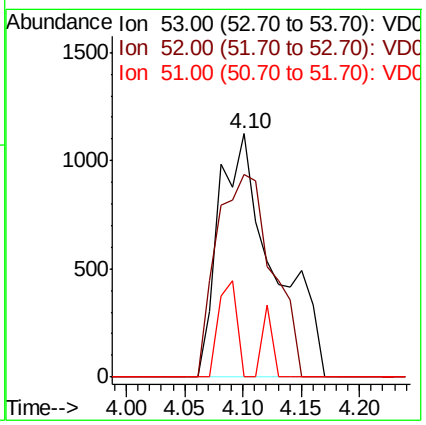


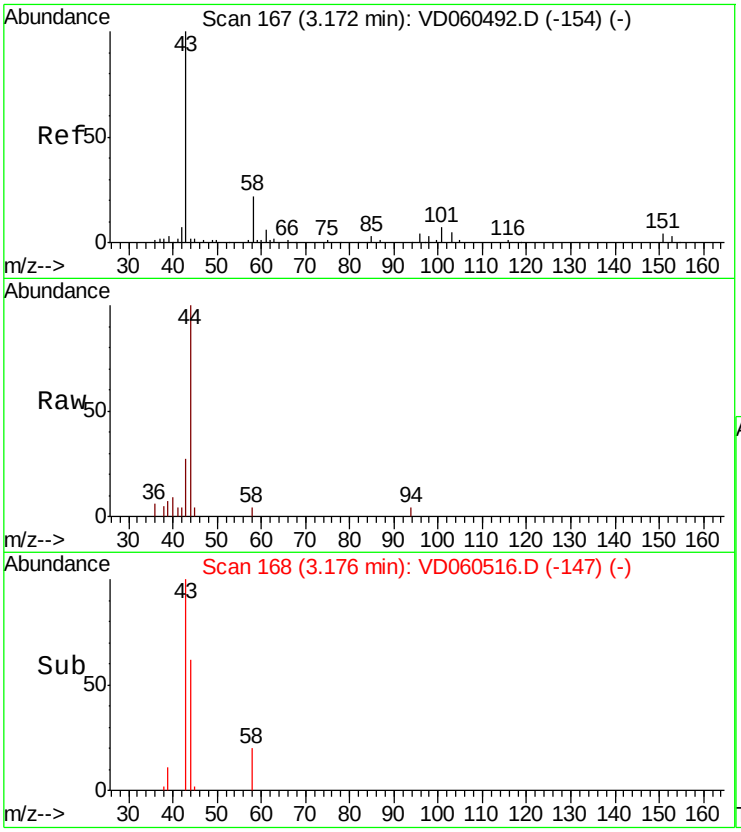


#15
Acrylonitrile
Concen: 1.365 ug/l
RT: 4.10 min Scan# 262
Delta R.T. 0.00 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Tgt Ion: 53 Resp: 3661

Ion	Ratio	Lower	Upper
53	100		
52	83.0	70.0	105.0
51	0.0	28.8	43.2#



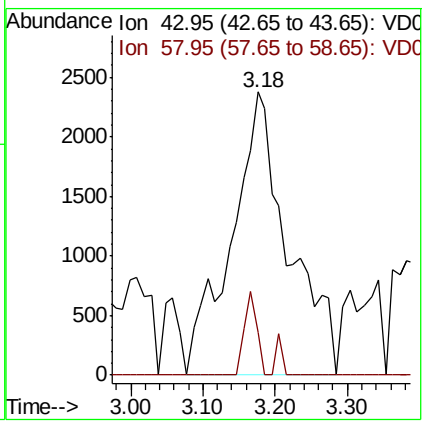


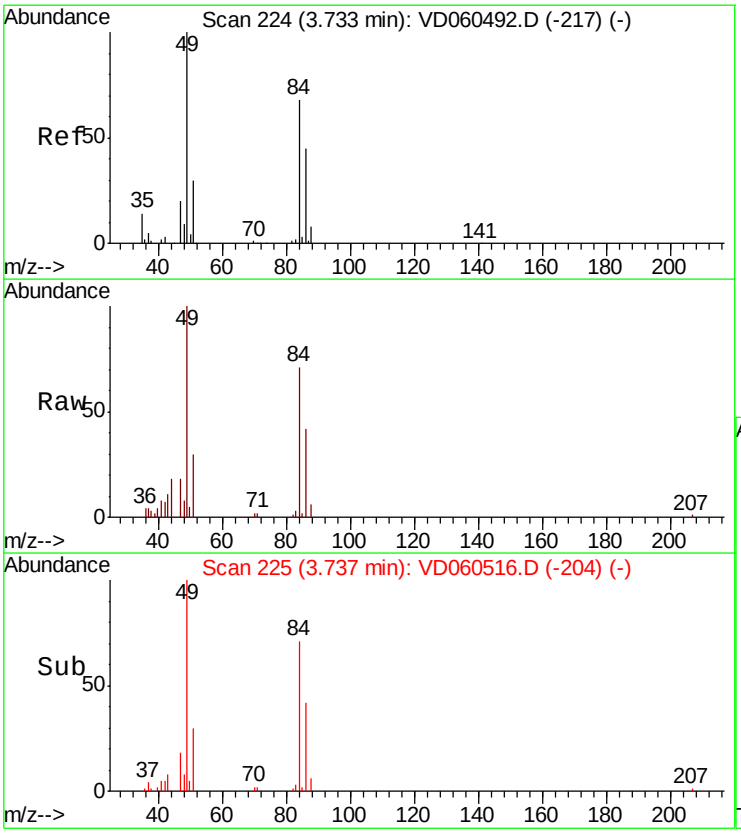
#16
Acetone
Concen: 7.019 ug/l
RT: 3.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Instrument : MSVOA_D
ClientSampleId : VD1210SBL01

Tgt Ion: 43 Resp: 13077

Ion	Ratio	Lower	Upper
43	100		
58	14.9	17.3	25.9#

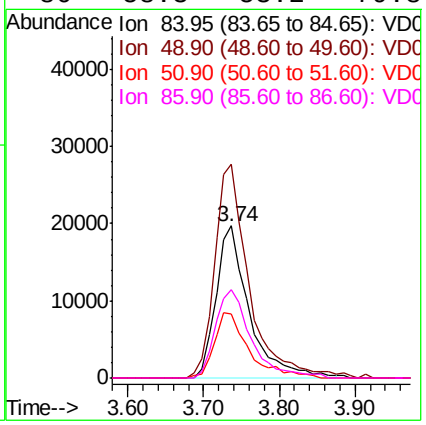


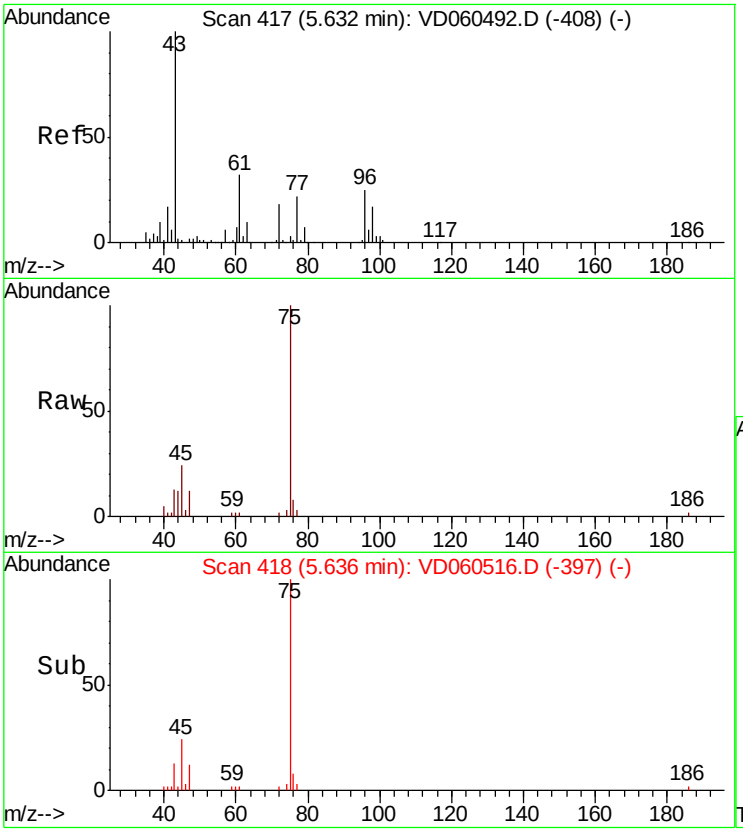


#20
Methylene Chloride
Concen: Below Cal
RT: 3.74 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Tgt Ion: 84 Resp: 59966

Ion	Ratio	Lower	Upper
84	100		
49	140.2	117.2	175.8
51	42.0	35.3	52.9
86	58.3	53.2	79.8



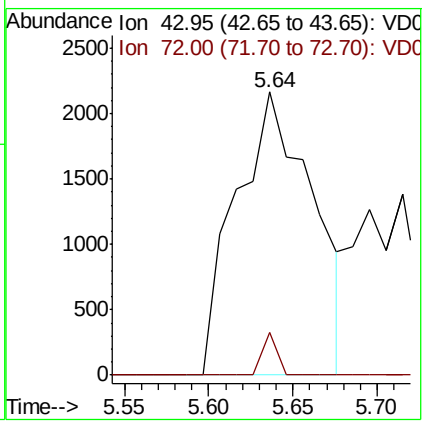


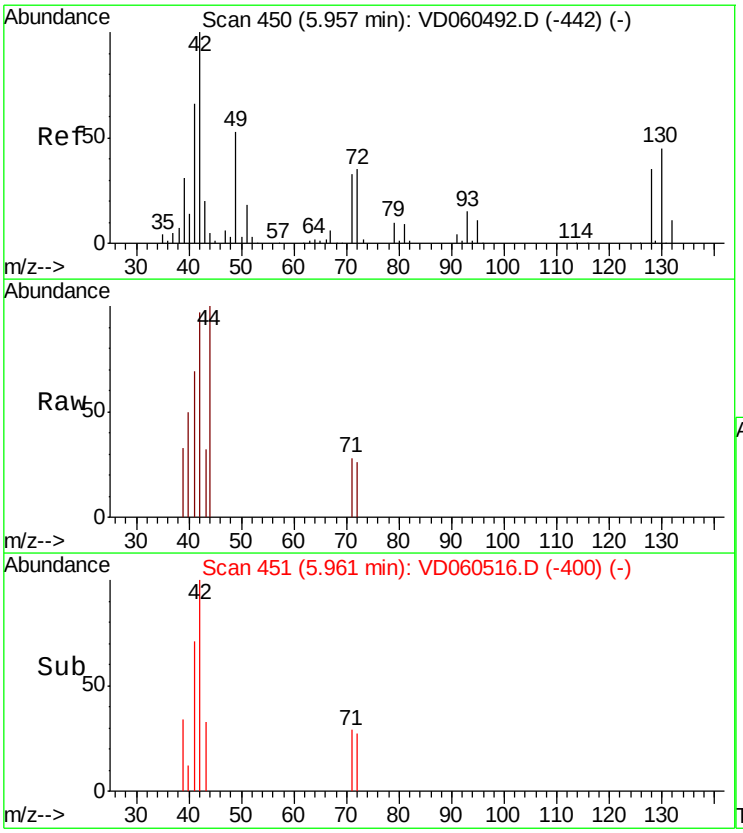
#25
2-Butanone
Concen: 1.872 ug/l
RT: 5.64 min Scan# 418
Delta R.T. 0.00 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBL01

Tgt Ion: 43 Resp: 6862

Ion	Ratio	Lower	Upper
43	100		
72	15.1	14.6	21.8

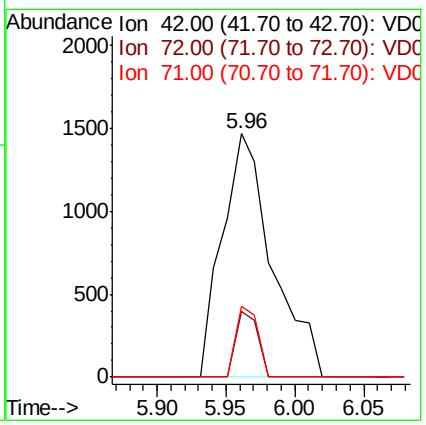


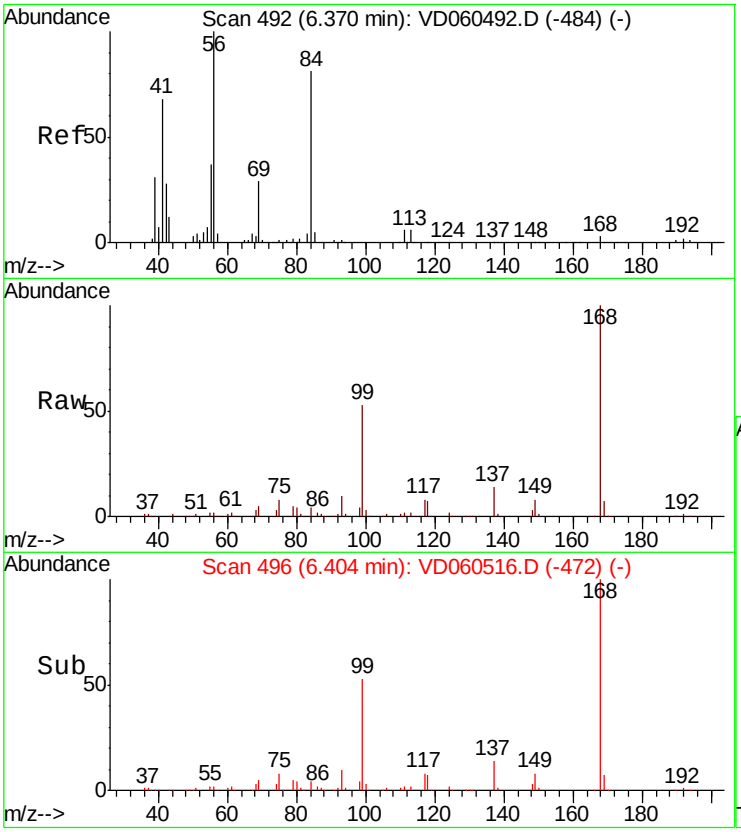


#29
Tetrahydrofuran
Concen: 1.788 ug/l
RT: 5.96 min Scan# 451
Delta R.T. 0.00 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Tgt Ion: 42 Resp: 3712

Ion	Ratio	Lower	Upper
42	100		
72	11.7	28.0	42.0#
71	12.7	27.2	40.8#



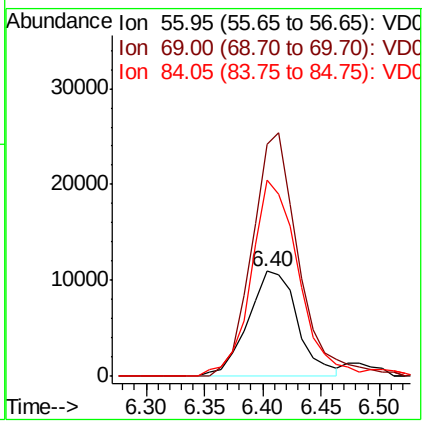


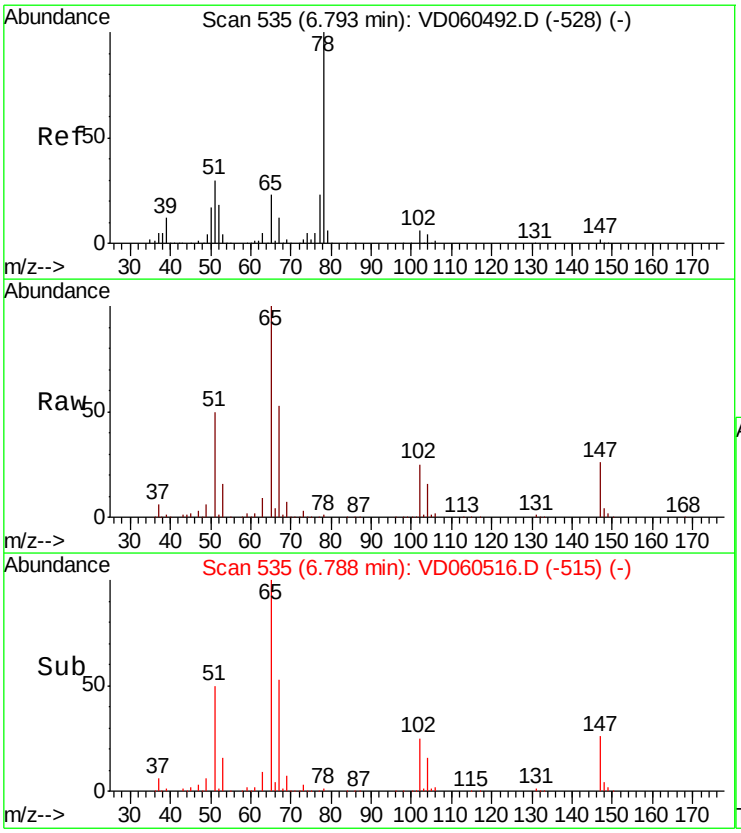
#31
Cyclohexane
Concen: Below Cal
RT: 6.40 min Scan# 496
Delta R.T. 0.03 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Instrument : MSVOA_D
ClientSampleId : VD1210SBL01

Tgt Ion: 56 Resp: 32306

Ion	Ratio	Lower	Upper
56	100		
69	220.3	22.8	34.2#
84	186.9	65.1	97.7#

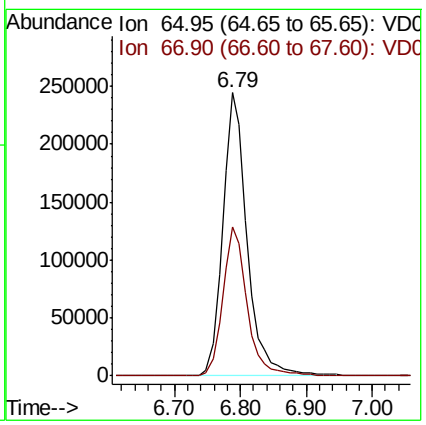


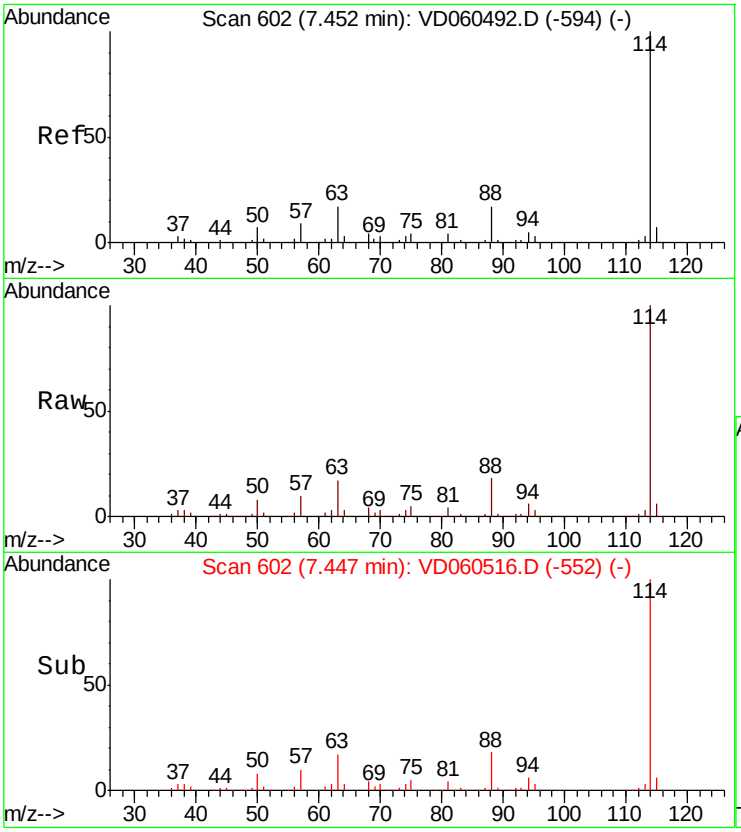


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Tgt Ion: 65 Resp: 628183

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.8



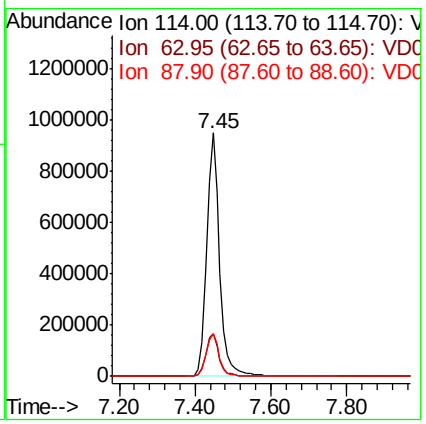


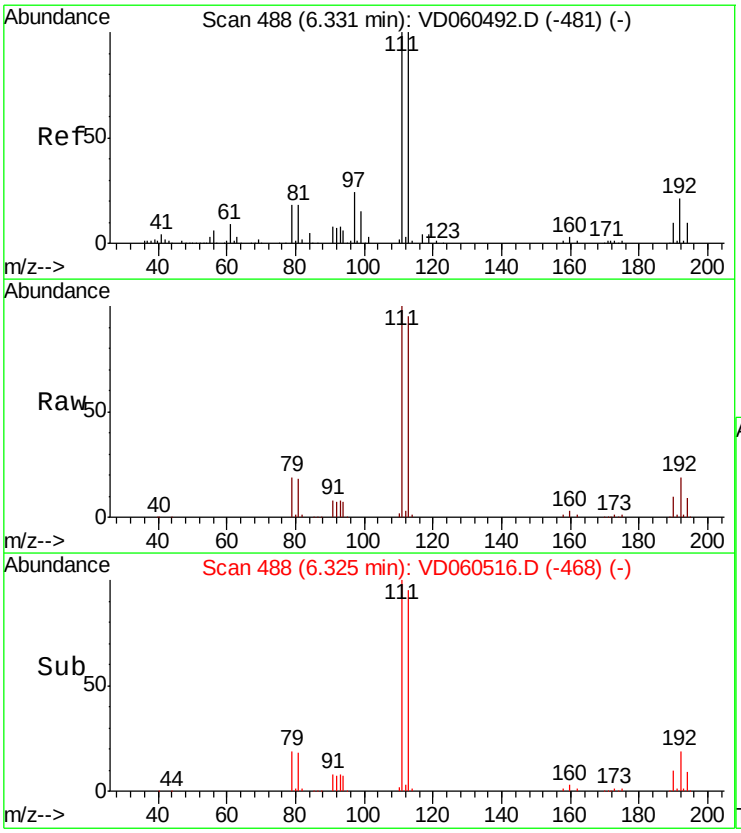
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBL01

Tgt Ion:114 Resp: 2264822

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	34.2
88	17.6	0.0	35.0

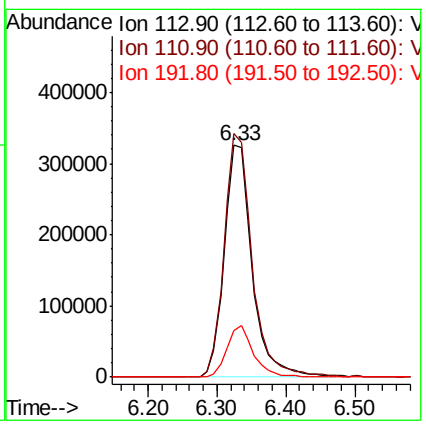


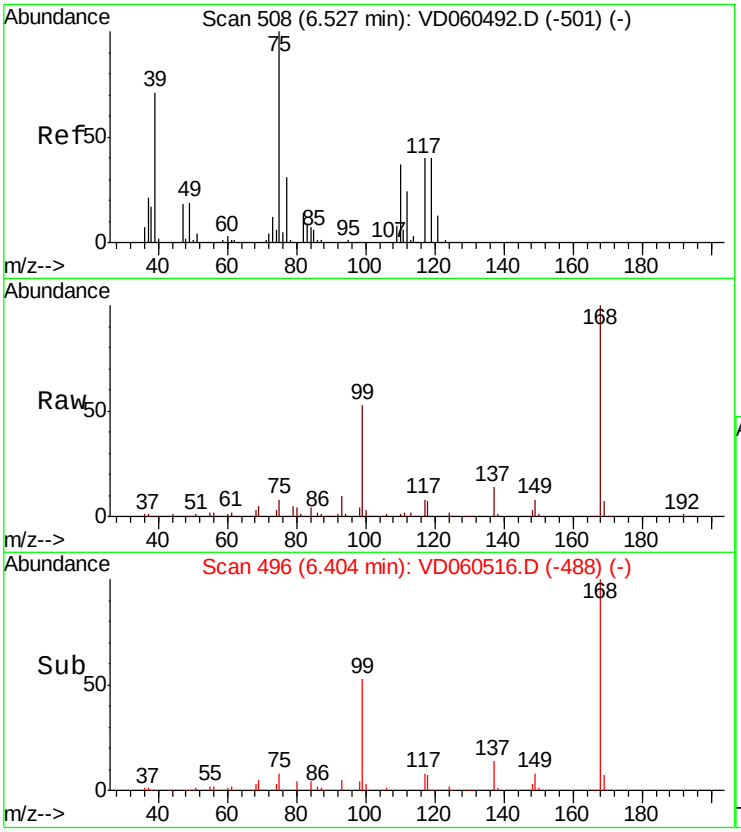


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Tgt Ion:113 Resp: 914466

Ion	Ratio	Lower	Upper
113	100		
111	105.0	80.2	120.4
192	20.2	16.6	24.8



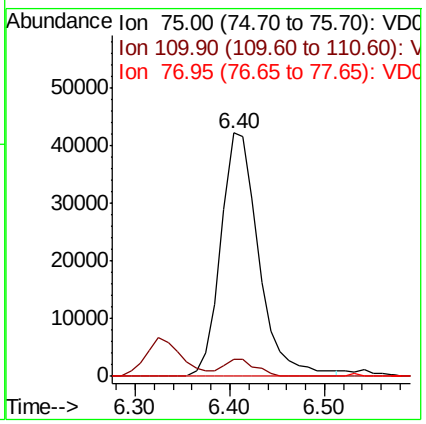


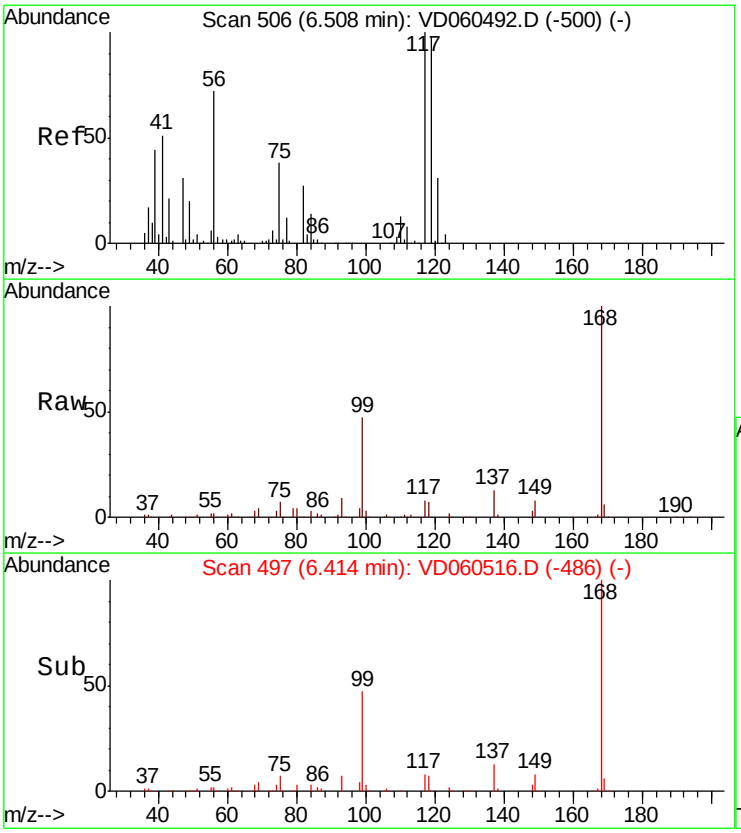
#36
1,1-Dichloropropene
Concen: 5.294 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.12 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBL01

Tgt Ion: 75 Resp: 117200

Ion	Ratio	Lower	Upper
75	100		
110	7.2	18.3	54.8#
77	0.0	24.6	37.0#

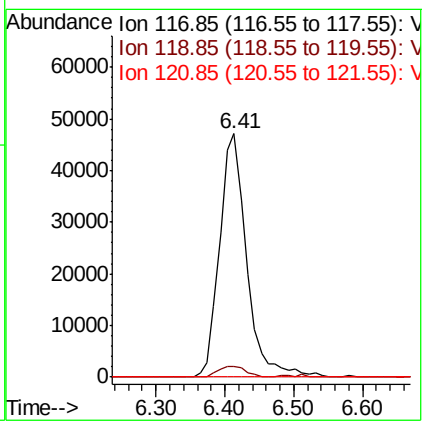


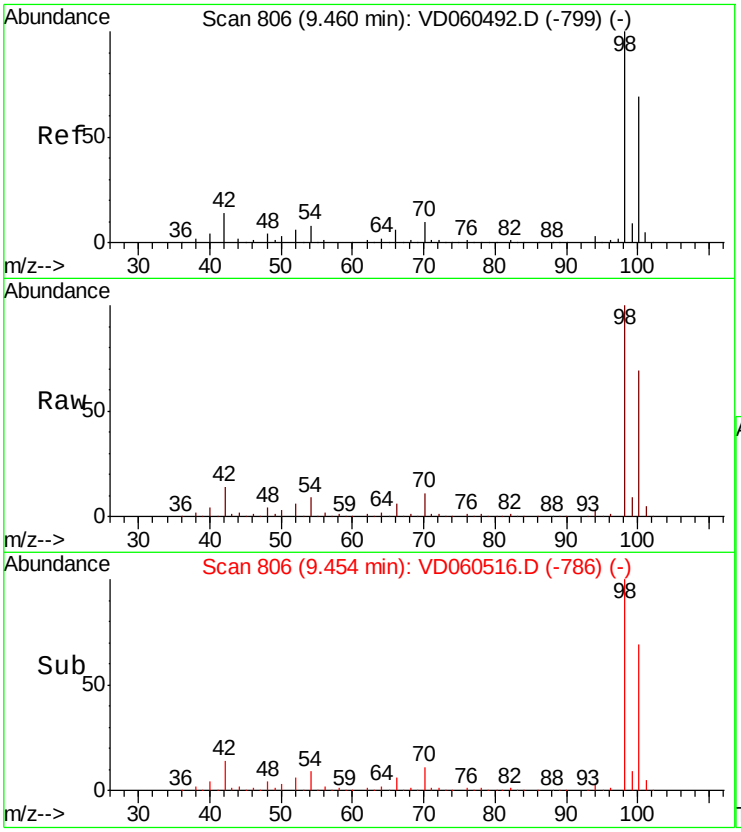


#38
Carbon Tetrachloride
Concen: 6.448 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.09 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Tgt Ion:117 Resp: 128150

Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.8	115.2#
121	0.0	24.4	36.6#



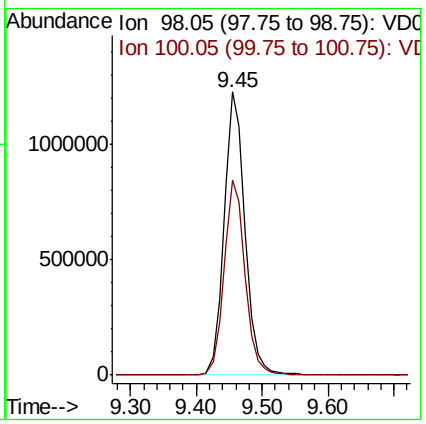


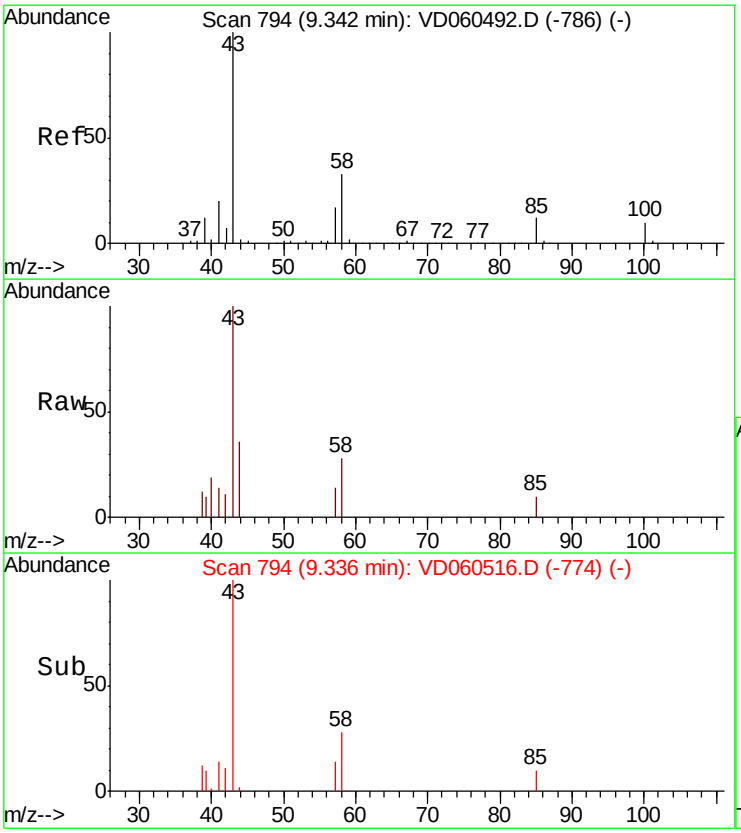
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBL01

Tgt Ion: 98 Resp: 2718705

Ion	Ratio	Lower	Upper
98	100		
100	68.8	55.7	83.5

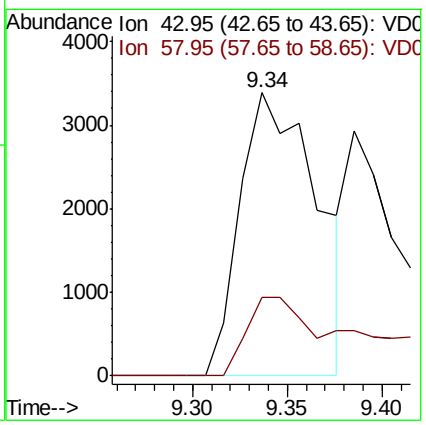


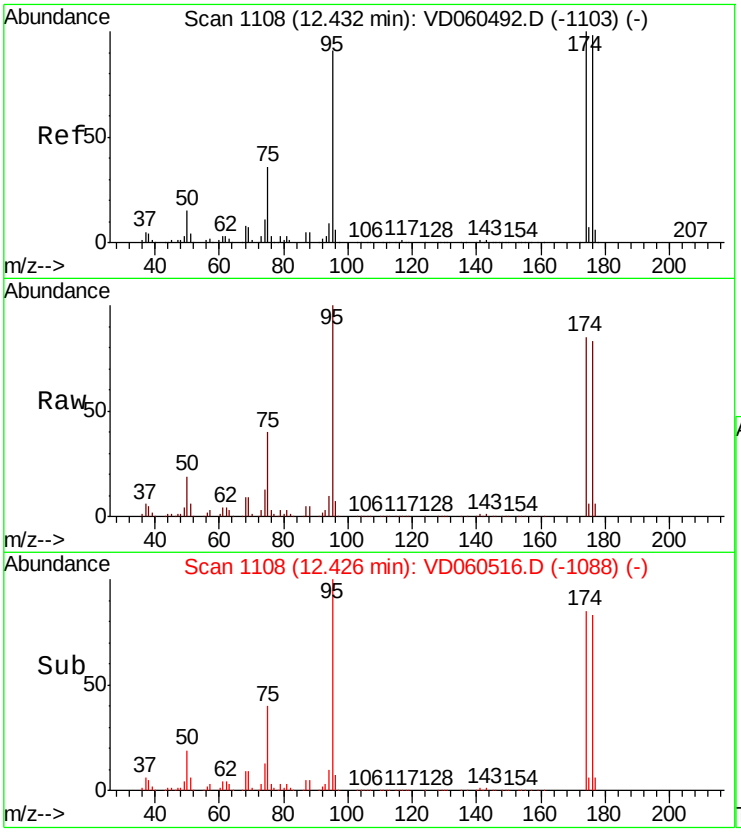


#51
4-Methyl-2-Pentanone
Concen: 1.299 ug/l
RT: 9.34 min Scan# 794
Delta R.T. -0.01 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Tgt Ion: 43 Resp: 9577

Ion	Ratio	Lower	Upper
43	100		
58	27.6	26.3	39.5



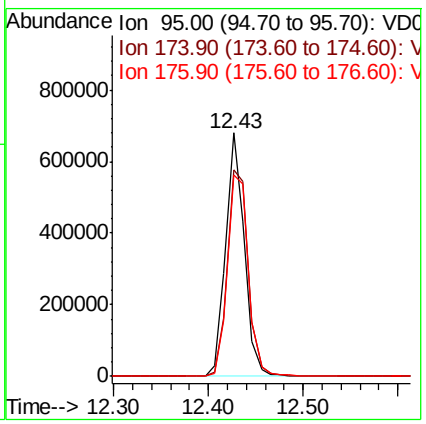


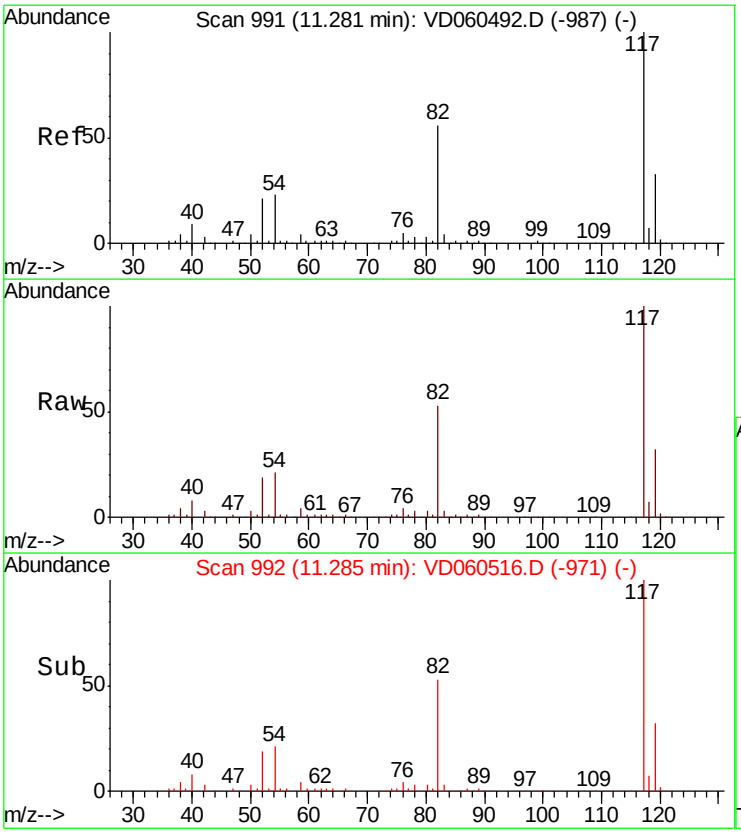
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Instrument : MSVOA_D
ClientSampleId : VD1210SBL01

Tgt Ion: 95 Resp: 924879

Ion	Ratio	Lower	Upper
95	100		
174	84.8	0.0	219.4
176	82.8	0.0	214.6

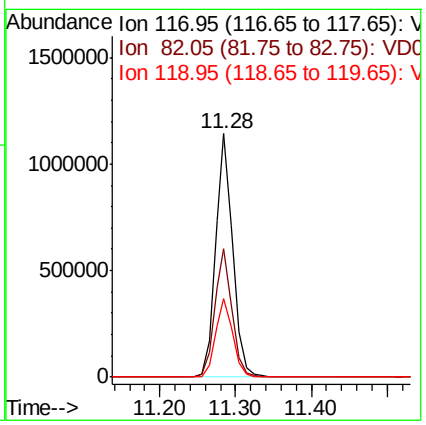


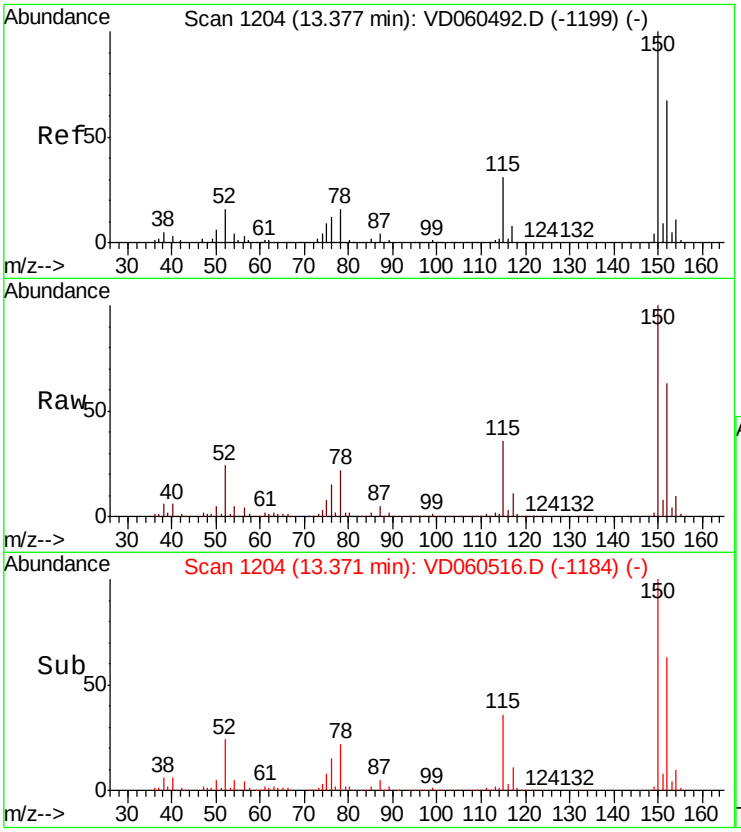


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.00 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Tgt Ion:117 Resp: 1811331

Ion	Ratio	Lower	Upper
117	100		
82	52.8	45.2	67.8
119	32.2	26.1	39.1



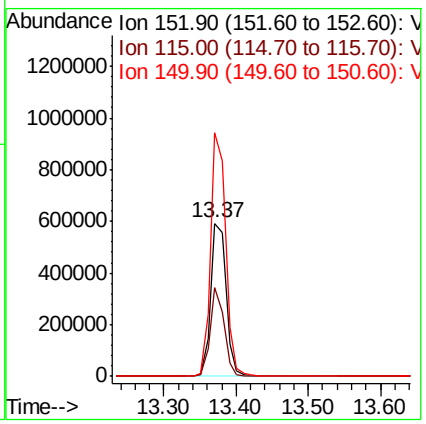


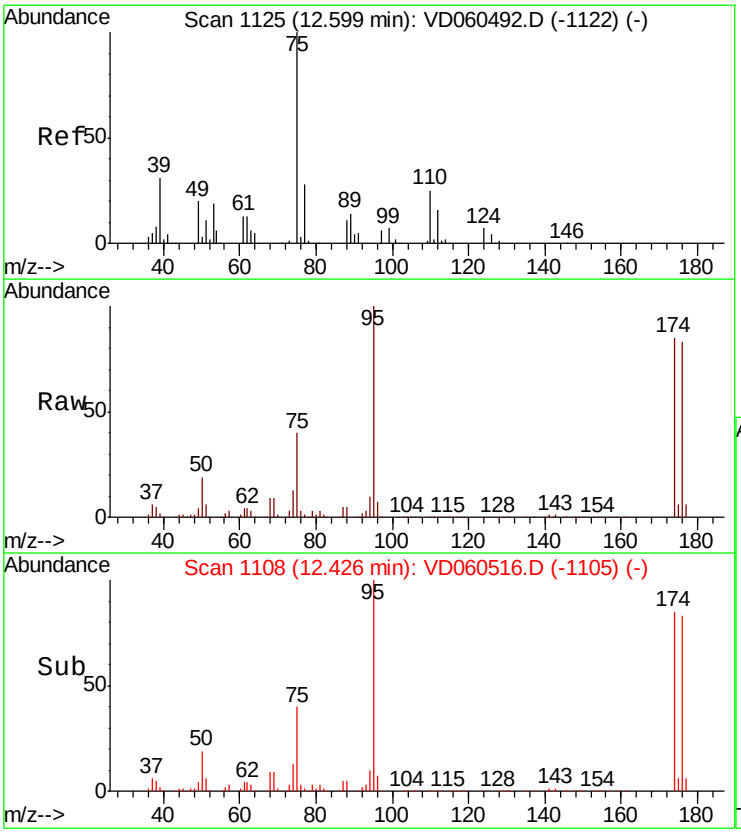
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Instrument : MSVOA_D
ClientSampleId : VD1210SBL01

Tgt Ion:152 Resp: 869066

Ion	Ratio	Lower	Upper
152	100		
115	57.7	24.6	74.0
150	158.8	0.0	309.0

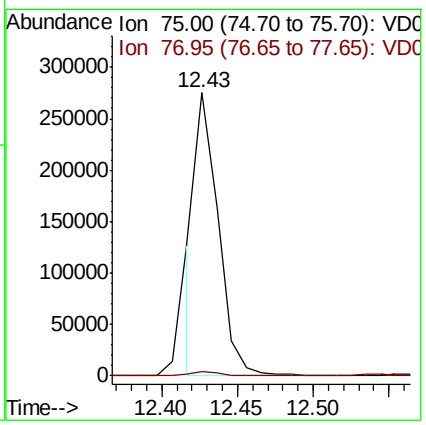


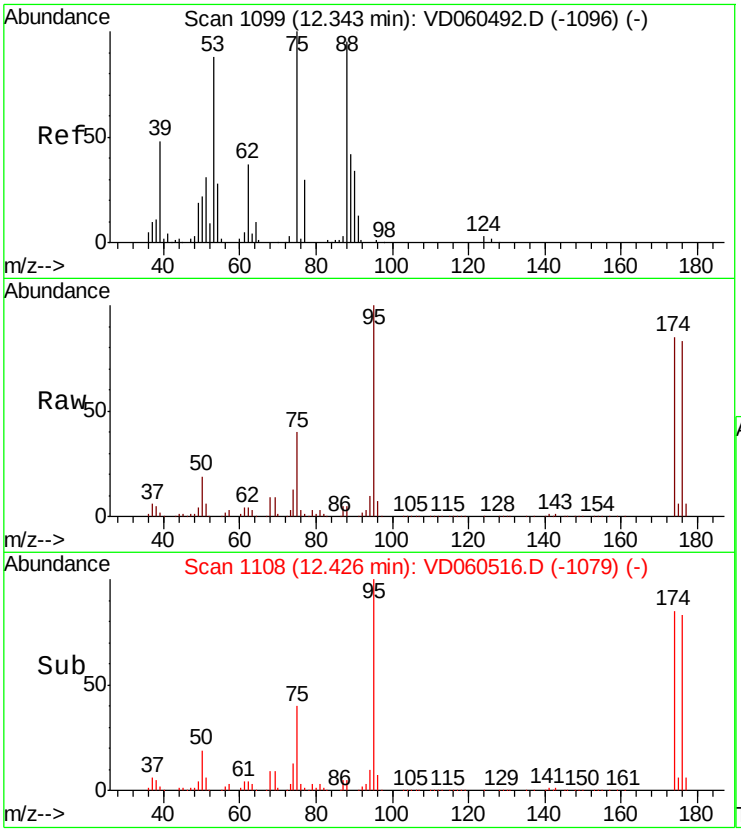


#76
1,2,3-Trichloropropane
Concen: 29.250 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.17 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Tgt Ion: 75 Resp: 288029

Ion	Ratio	Lower	Upper
75	100		
77	1.6	16.4	49.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 135.145 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.08 min
Lab File: VD060516.D
Acq: 10 Dec 2018 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBL01

Tgt Ion: 75 Resp: 371161

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.5	105.7#
89	0.0	33.6	50.4#