Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121918\
Data File : VD060636.D
Acq On : 19 Dec 2018 13:14
Operator : VA/AP
Sample : J6196-09
Misc : 6.18G/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Dec 20 00:28:47 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	1725692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2477139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1788608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	740085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	515655	42.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.32%			
35) Dibromofluoromethane	6.33	113	718447	39.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.98%			
50) Toluene-d8	9.45	98	1873562	35.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.16%			
62) 4-Bromofluorobenzene	12.42	95	616936	32.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 65.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.61	85	651	Below Cal	#	41
16) Acetone	3.17	43	35020	17.862	ug/l	99
20) Methylene Chloride	3.74	84	56550	Below Cal		94
25) 2-Butanone	5.62	43	8068	2.092	ug/l	95
31) Cyclohexane	6.40	56	34157	Below Cal	#	1
36) 1,1-Dichloropropene	6.41	75	124188	5.129	ug/l #	47
38) Carbon Tetrachloride	6.41	117	134560	6.190	ug/l #	16
40) Benzene	6.80	78	79749	1.289	ug/l	94
51) 4-Methyl-2-Pentanone	9.45	43	9290	1.152	ug/l #	1
52) Toluene	9.55	92	493696	12.764	ug/l	98
76) 1,2,3-Trichloropropane	12.42	75	204717	24.413	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.42	75	257531	110.113	ug/l #	14
89) n-Butylbenzene	13.64	91	2774	Below Cal		91

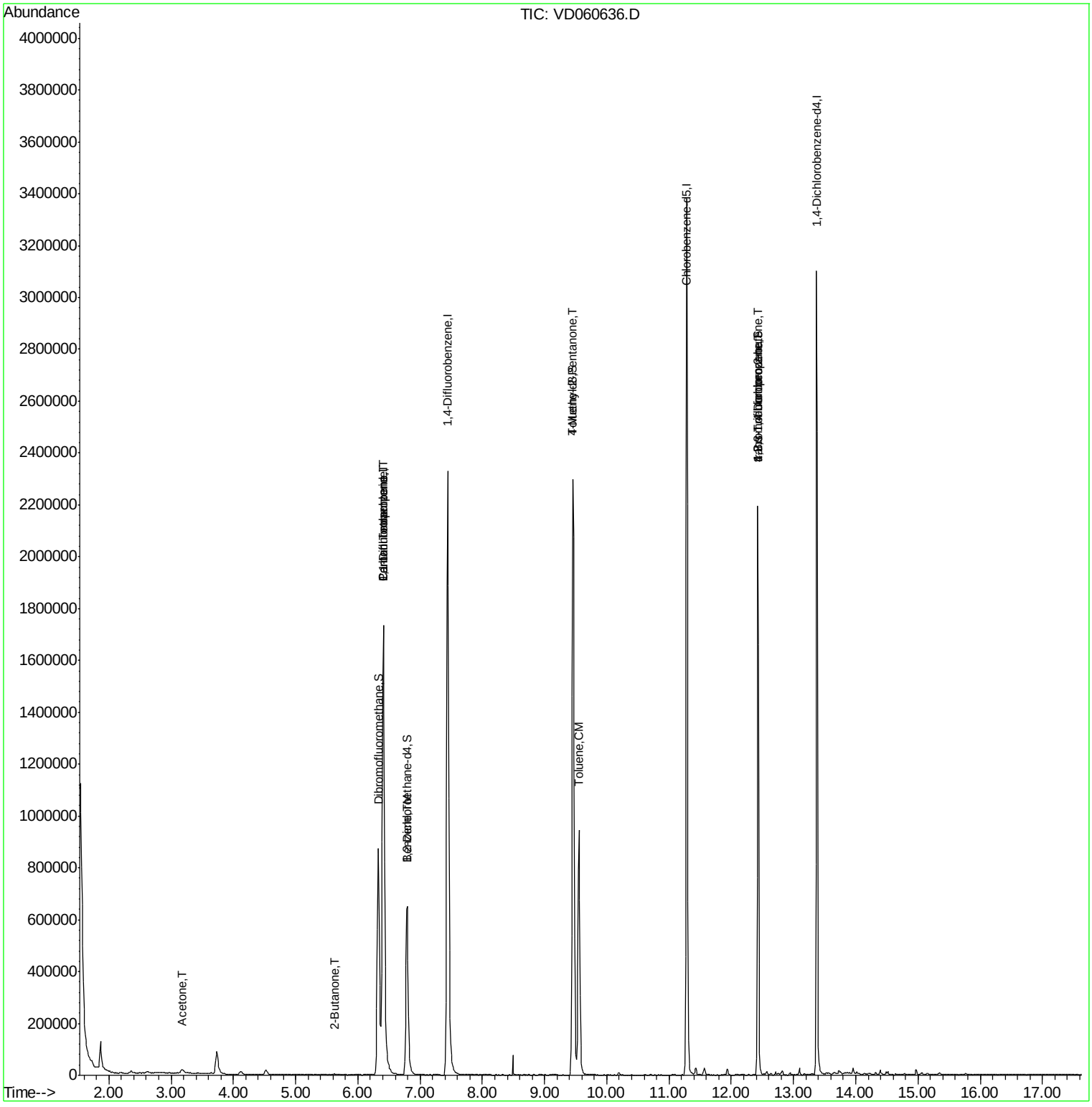
(#) = qualifier out of range (m) = manual integration (+) = signals summed

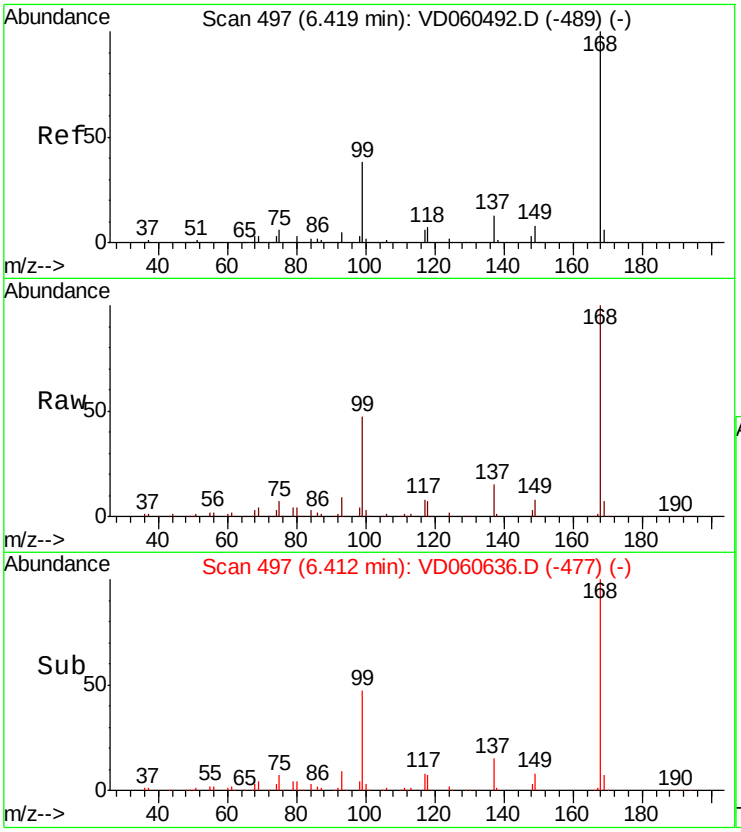
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121918\
Data File : VD060636.D
Acq On : 19 Dec 2018 13:14
Operator : VA/AP
Sample : J6196-09
Misc : 6.18G/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 20 00:28:47 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



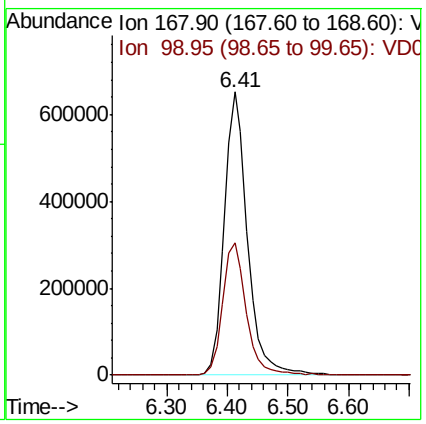


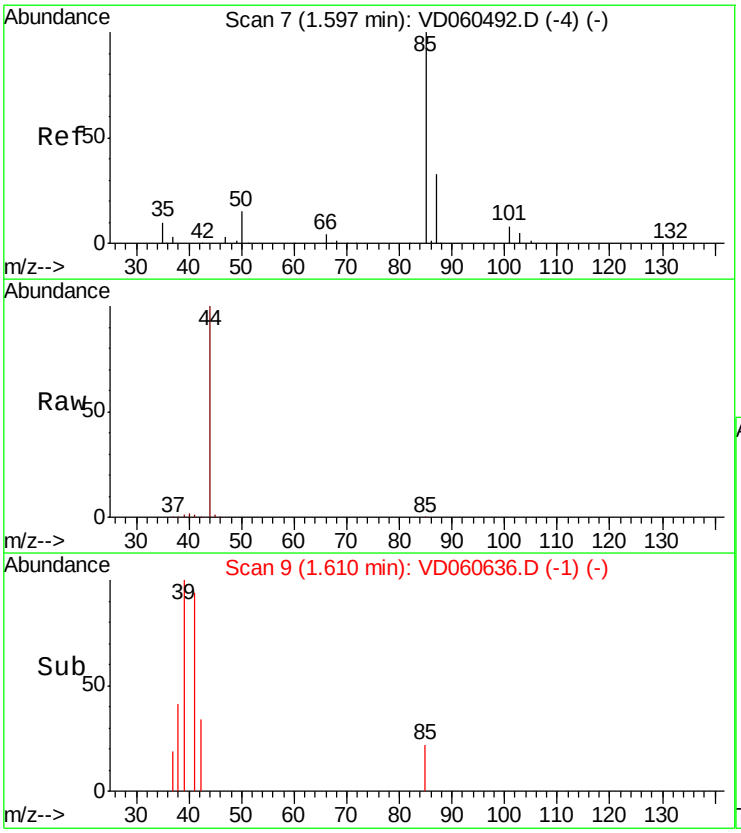
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.01 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 1725692

Ion	Ratio	Lower	Upper
168	100		
99	46.8	35.6	53.4

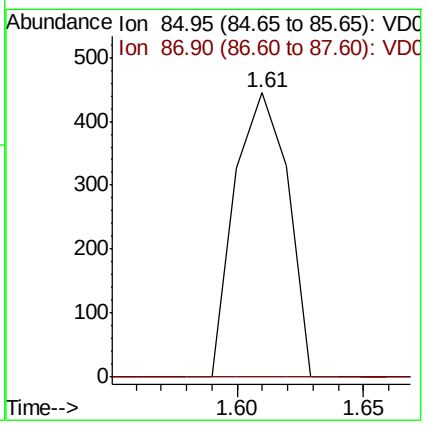


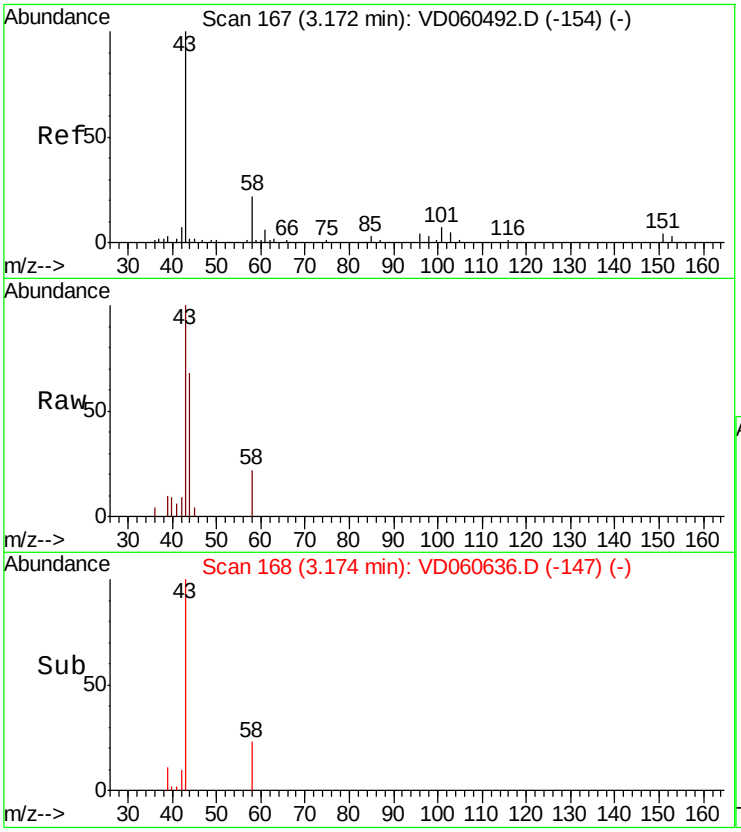


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.61 min Scan# 9
Delta R.T. 0.01 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Tgt Ion: 85 Resp: 651

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



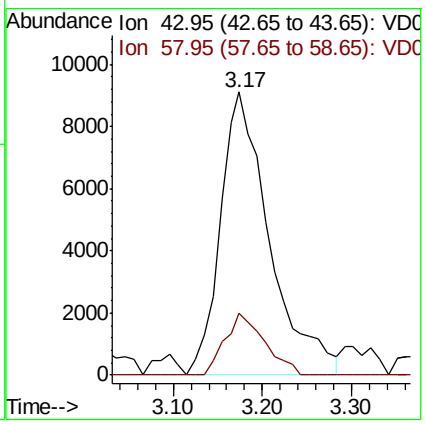


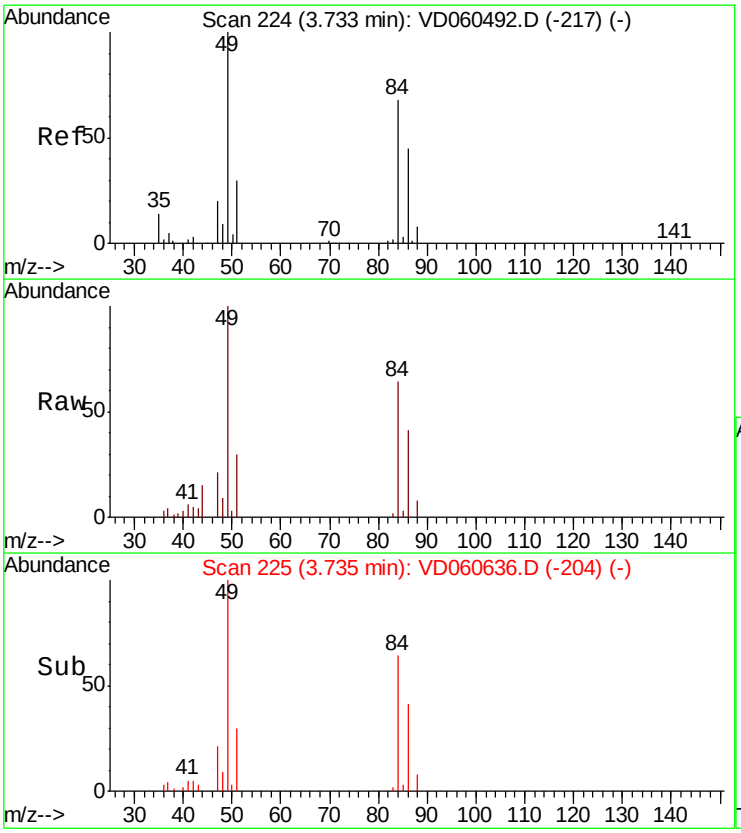
#16
Acetone
Concen: 17.862 ug/l
RT: 3.17 min Scan# 168
Delta R.T. 0.00 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 35020

Ion	Ratio	Lower	Upper
43	100		
58	22.0	17.3	25.9

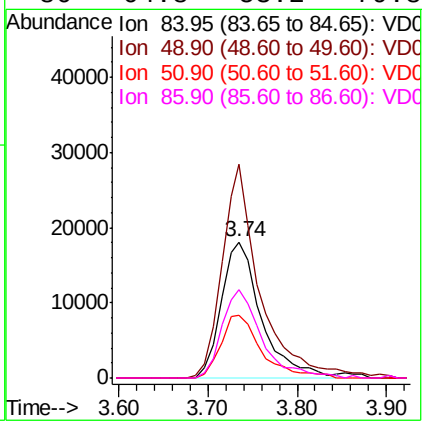


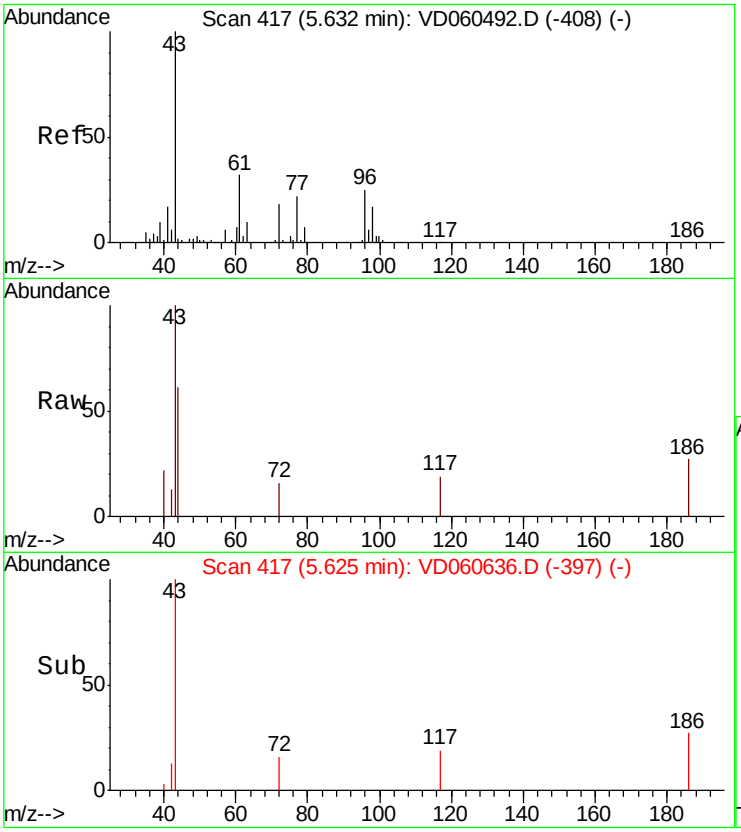


#20
Methylene Chloride
Concen: Below Cal
RT: 3.74 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Tgt Ion: 84 Resp: 56550

Ion	Ratio	Lower	Upper
84	100		
49	157.1	117.2	175.8
51	46.5	35.3	52.9
86	64.8	53.2	79.8



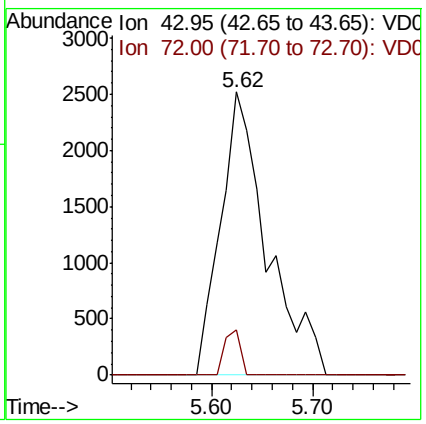


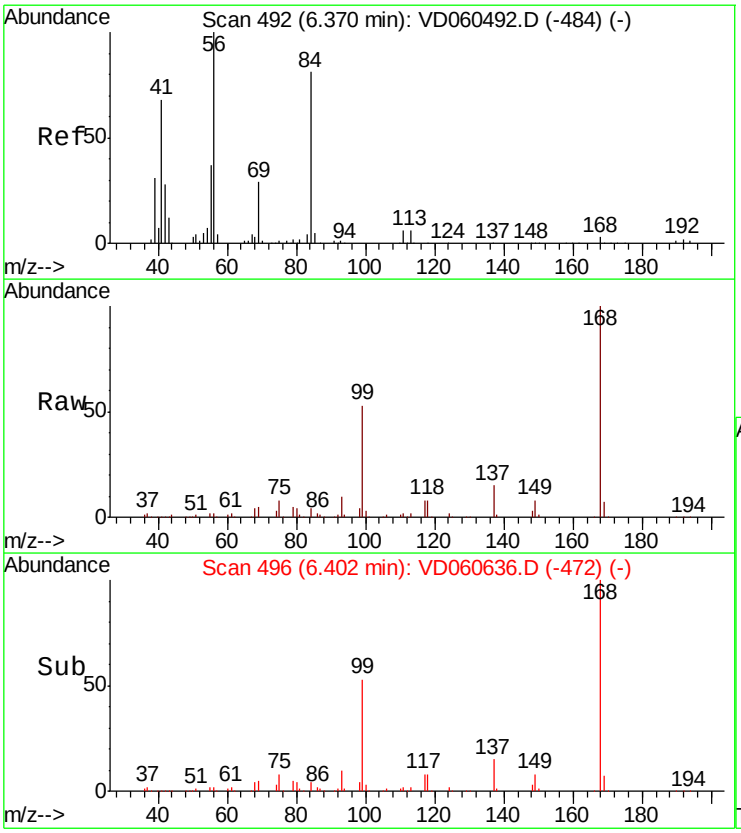
#25
2-Butanone
Concen: 2.092 ug/l
RT: 5.62 min Scan# 417
Delta R.T. -0.01 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 8068

Ion	Ratio	Lower	Upper
43	100		
72	15.9	14.6	21.8

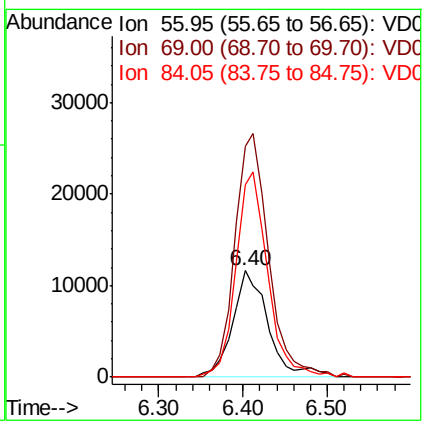


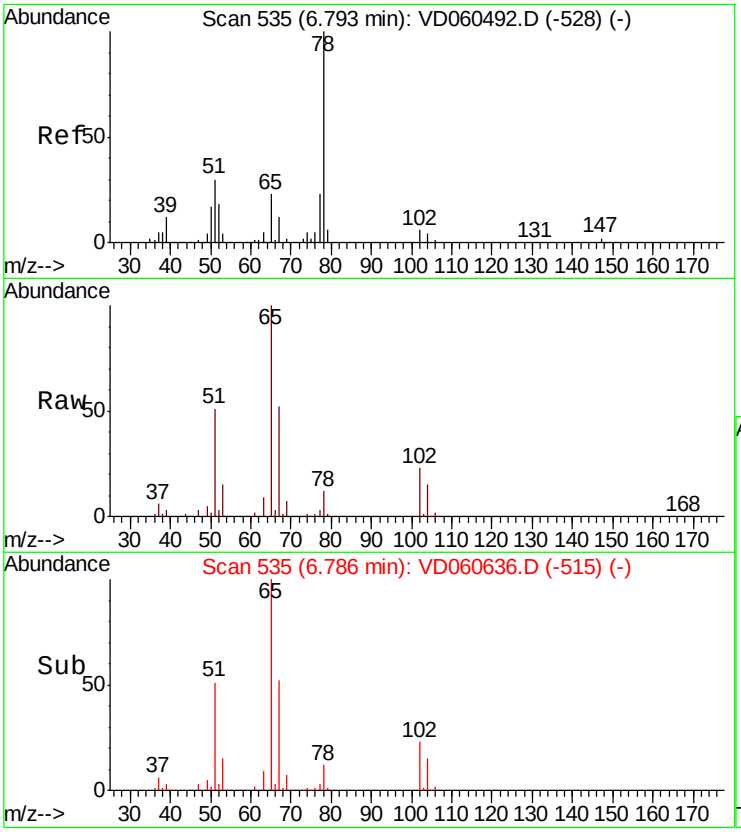


#31
Cyclohexane
Concen: Below Cal
RT: 6.40 min Scan# 496
Delta R.T. 0.03 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Tgt Ion: 56 Resp: 34157

Ion	Ratio	Lower	Upper
56	100		
69	217.5	22.8	34.2#
84	181.1	65.1	97.7#



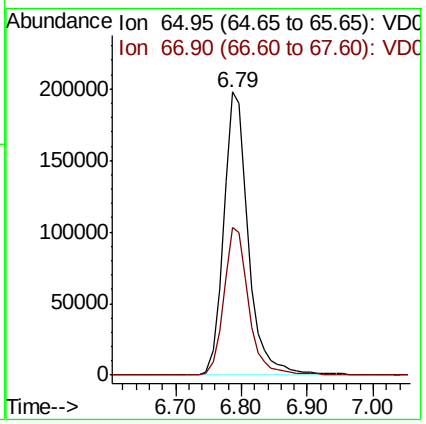


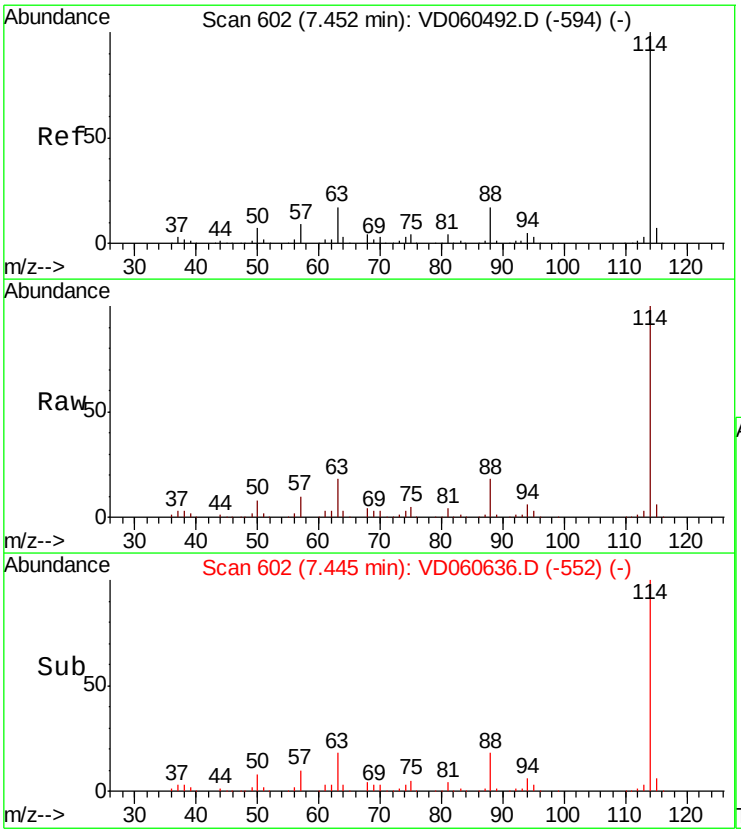
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 515655

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.8

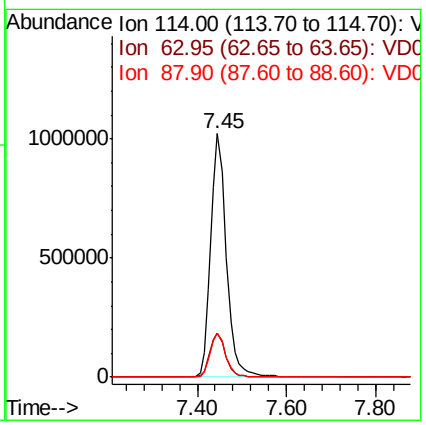


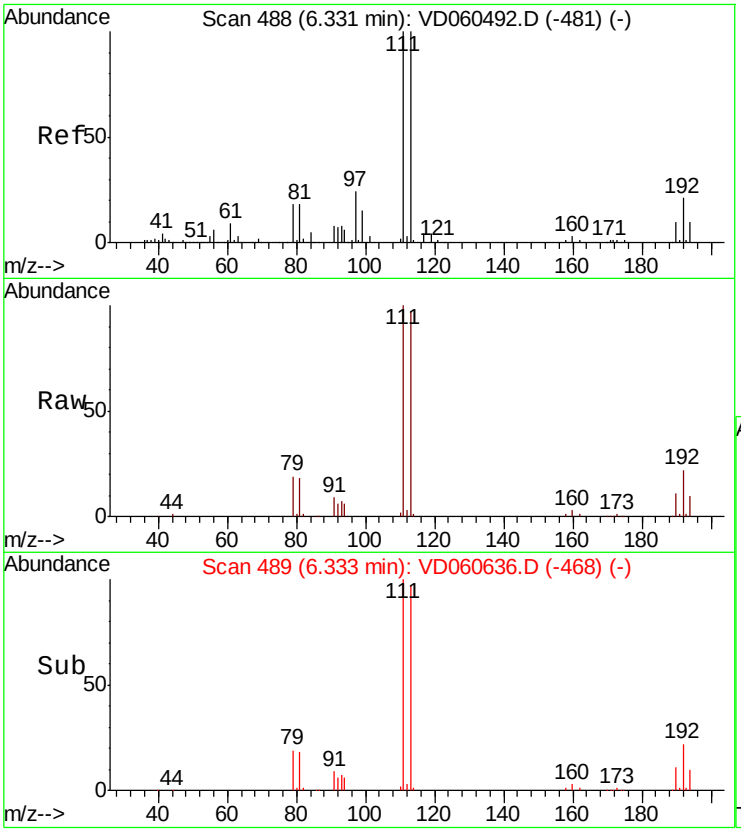


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Tgt Ion:114 Resp: 2477139

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	34.2
88	18.2	0.0	35.0



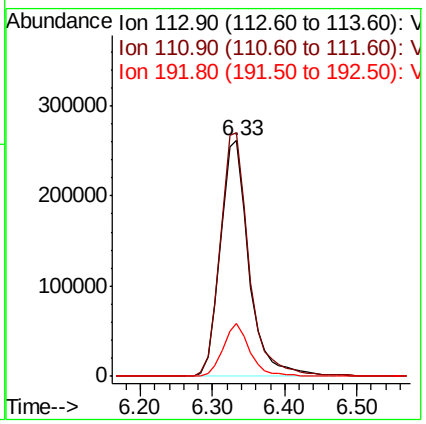


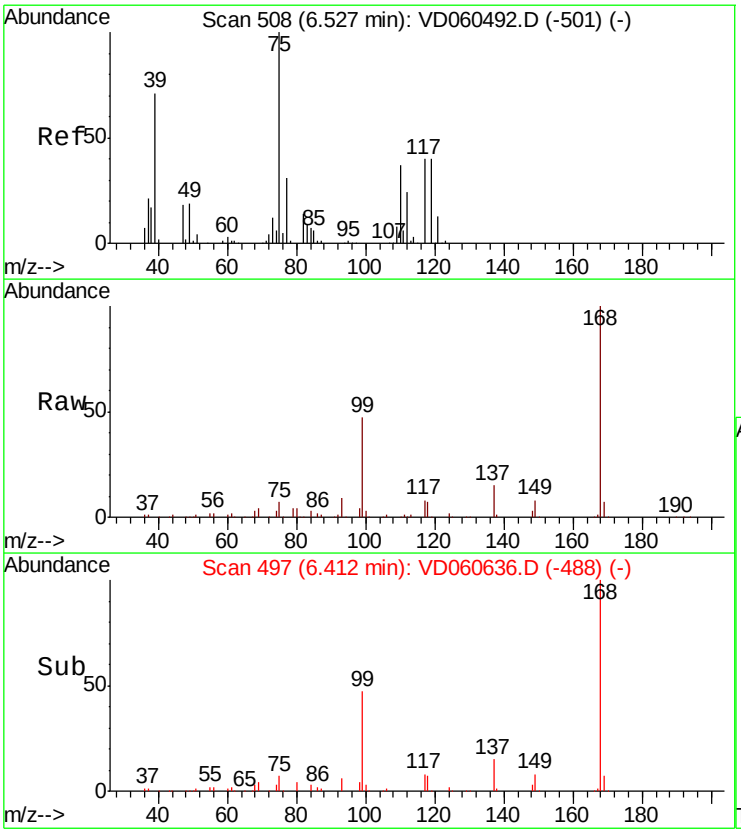
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 489
Delta R.T. 0.00 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 718447

Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.2	120.4
192	22.3	16.6	24.8

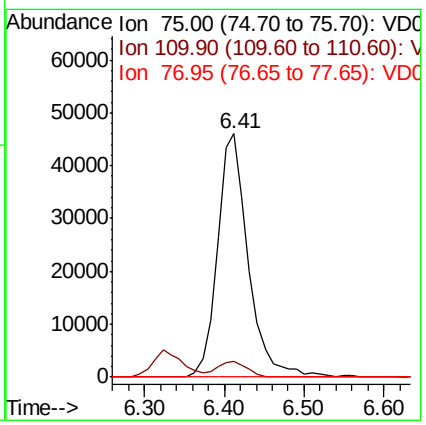


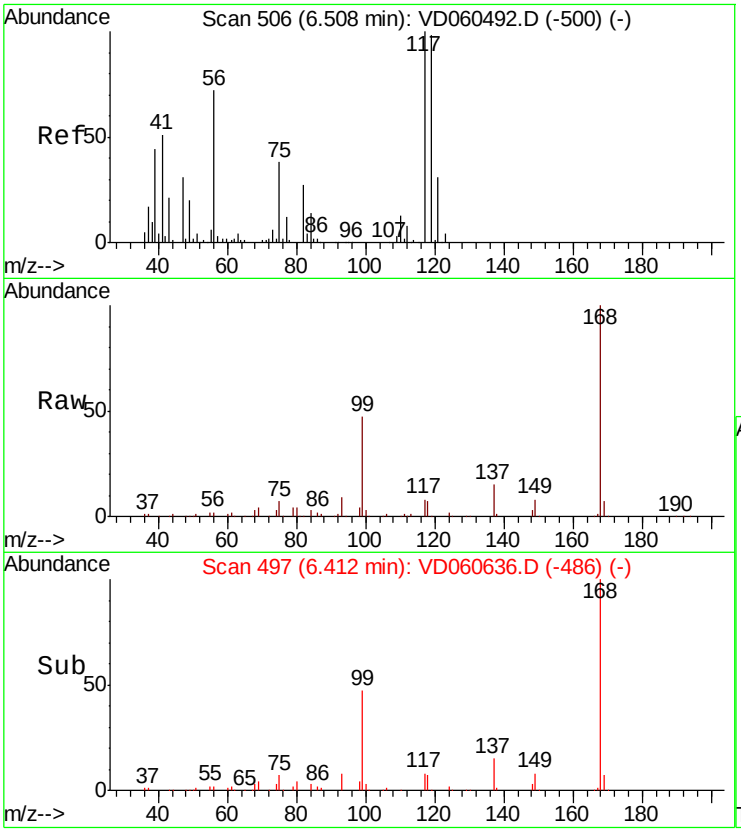


#36
1,1-Dichloropropene
Concen: 5.129 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.12 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Tgt Ion: 75 Resp: 124188

Ion	Ratio	Lower	Upper
75	100		
110	6.5	18.3	54.8#
77	0.0	24.6	37.0#



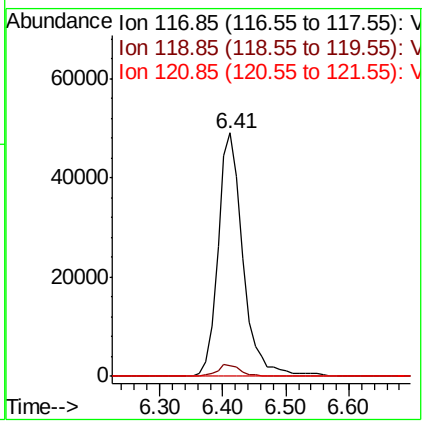


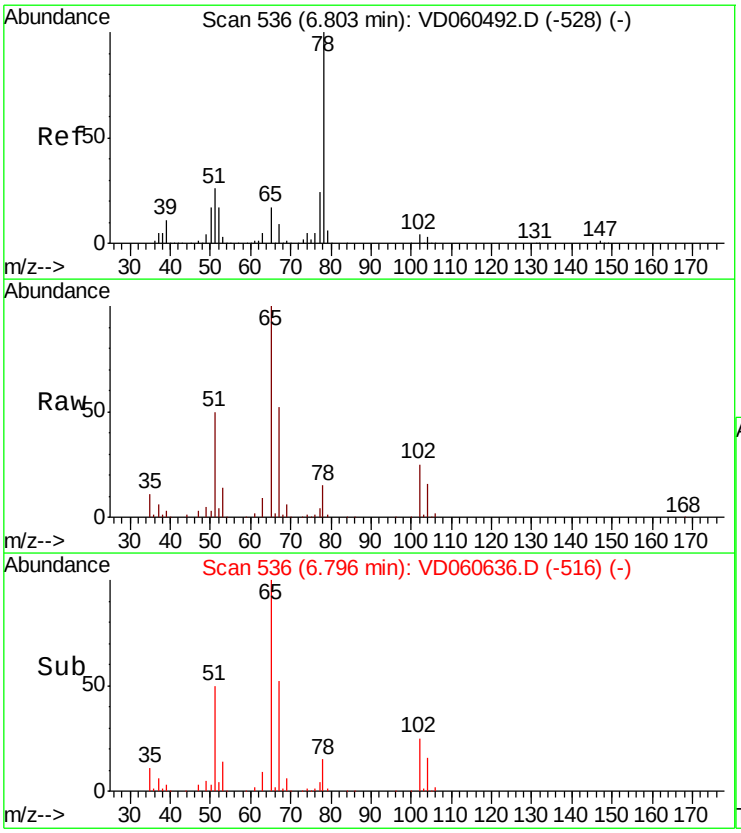
#38
Carbon Tetrachloride
Concen: 6.190 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.10 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 134560

Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.8	115.2#
121	0.0	24.4	36.6#

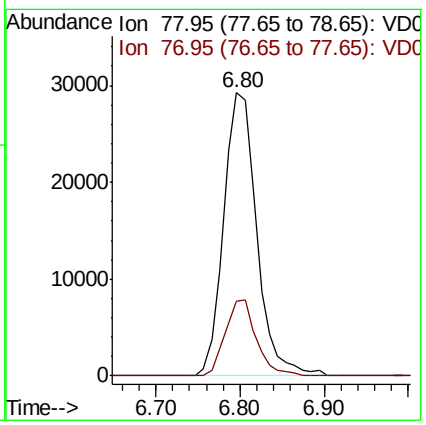


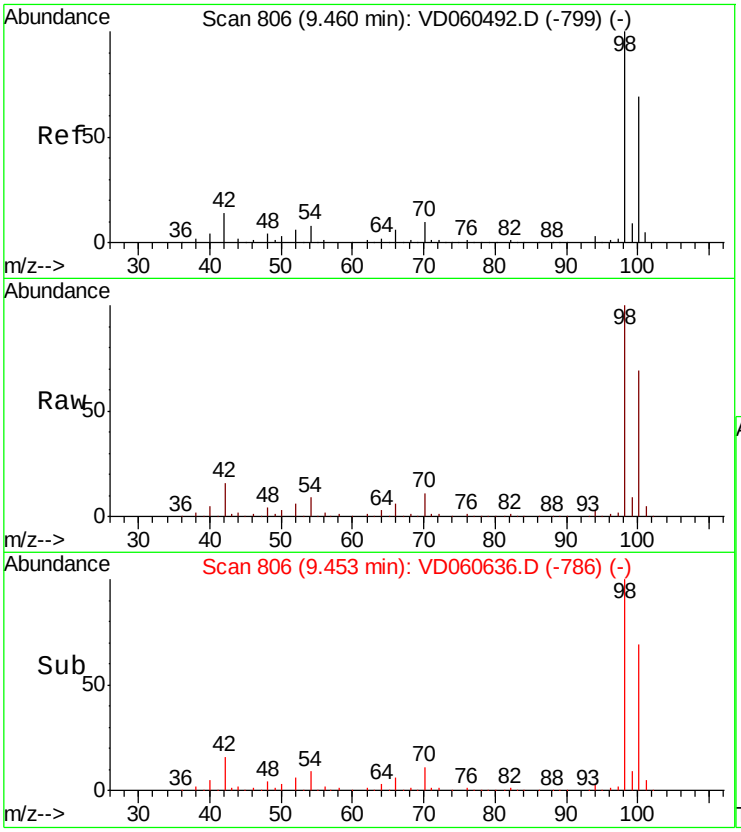


#40
Benzene
Concen: 1.289 ug/l
RT: 6.80 min Scan# 536
Delta R.T. -0.01 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Tgt Ion: 78 Resp: 79749

Ion	Ratio	Lower	Upper
78	100		
77	26.6	18.9	28.3



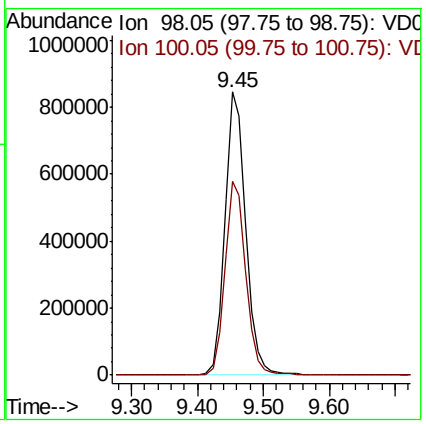


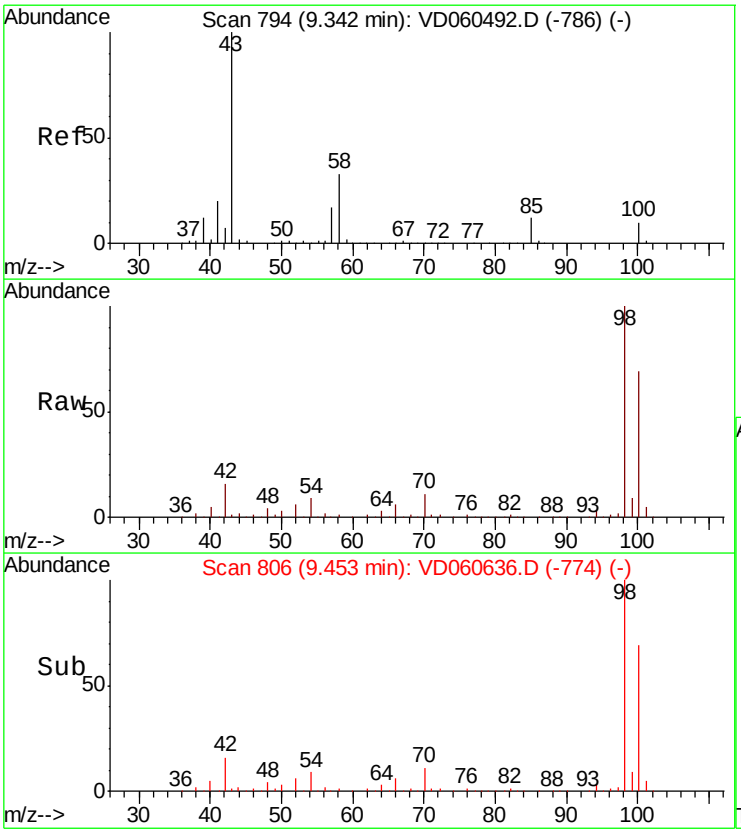
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 1873562

Ion	Ratio	Lower	Upper
98	100		
100	68.5	55.7	83.5

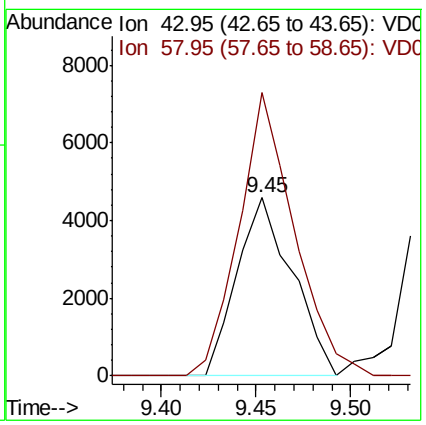


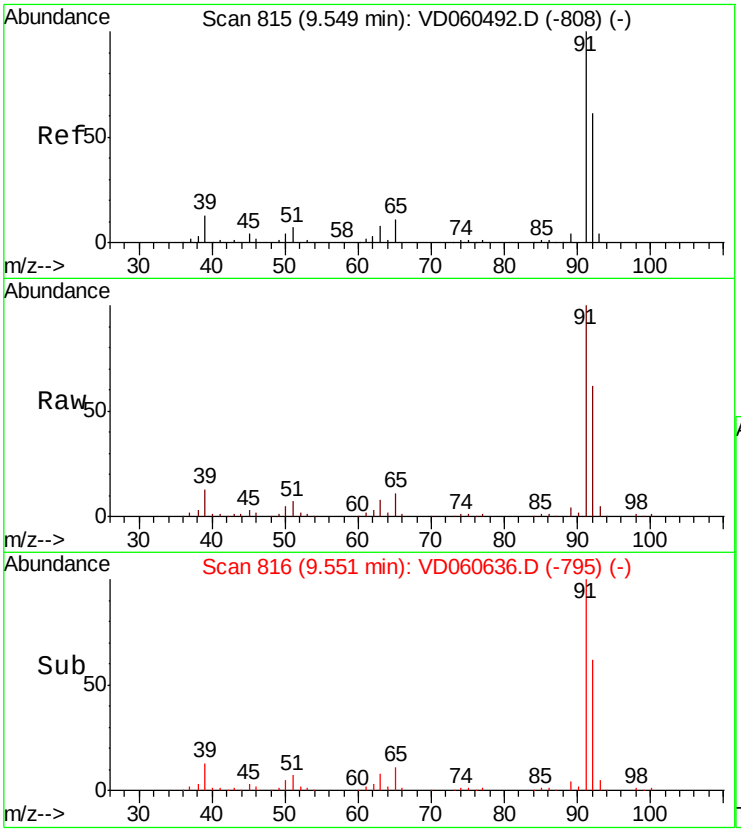


#51
4-Methyl-2-Pentanone
Concen: 1.152 ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.11 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Tgt Ion: 43 Resp: 9290

Ion	Ratio	Lower	Upper
43	100		
58	158.7	26.3	39.5#



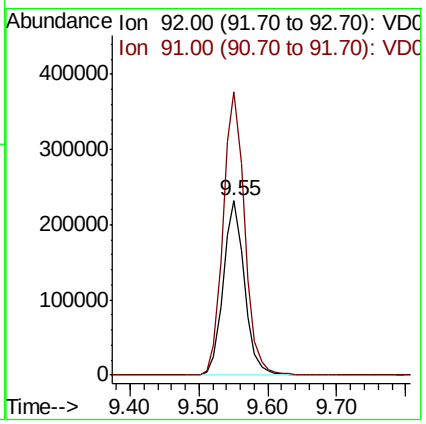


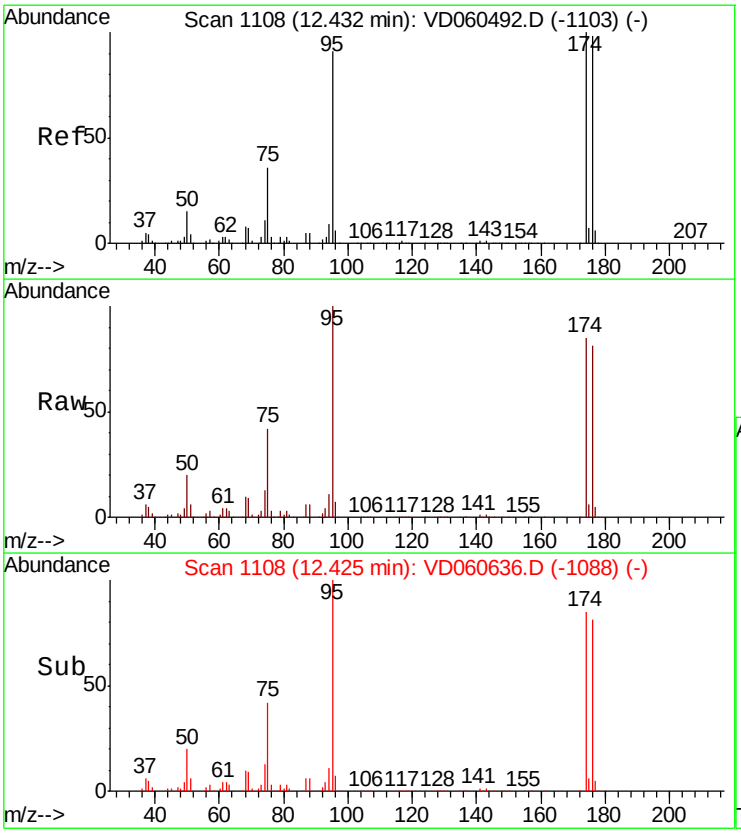
#52
Toluene
Concen: 12.764 ug/l
RT: 9.55 min Scan# 816
Delta R.T. 0.00 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 92 Resp: 493696

Ion	Ratio	Lower	Upper
92	100		
91	162.4	131.7	197.5

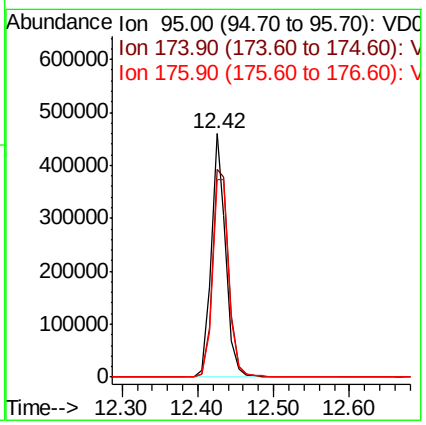


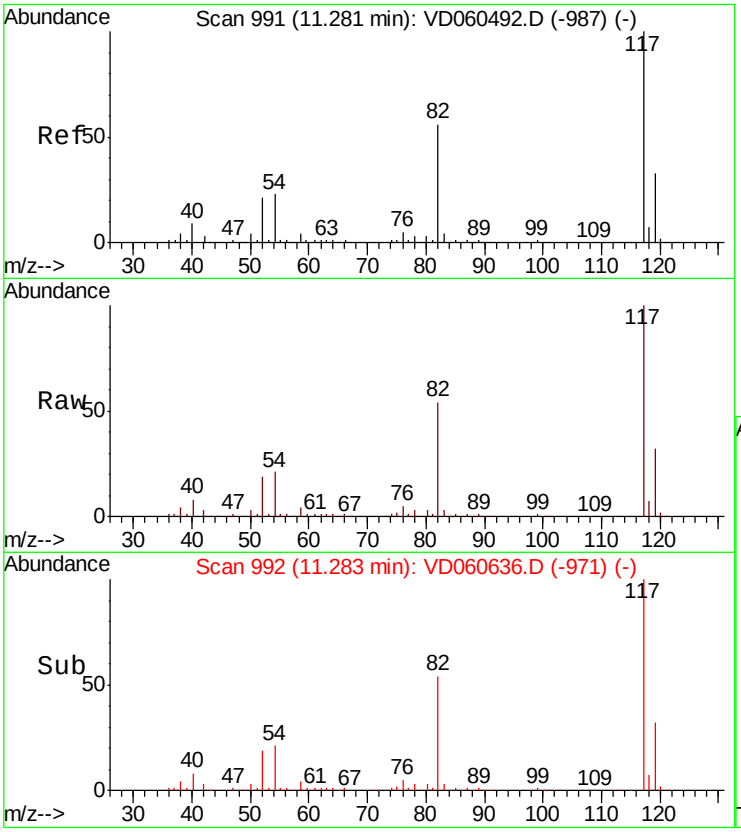


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Tgt Ion: 95 Resp: 616936

Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	219.4
176	81.2	0.0	214.6



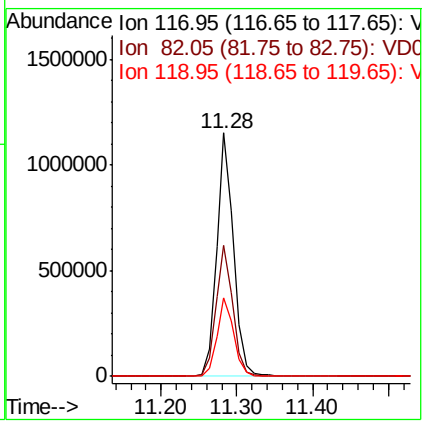


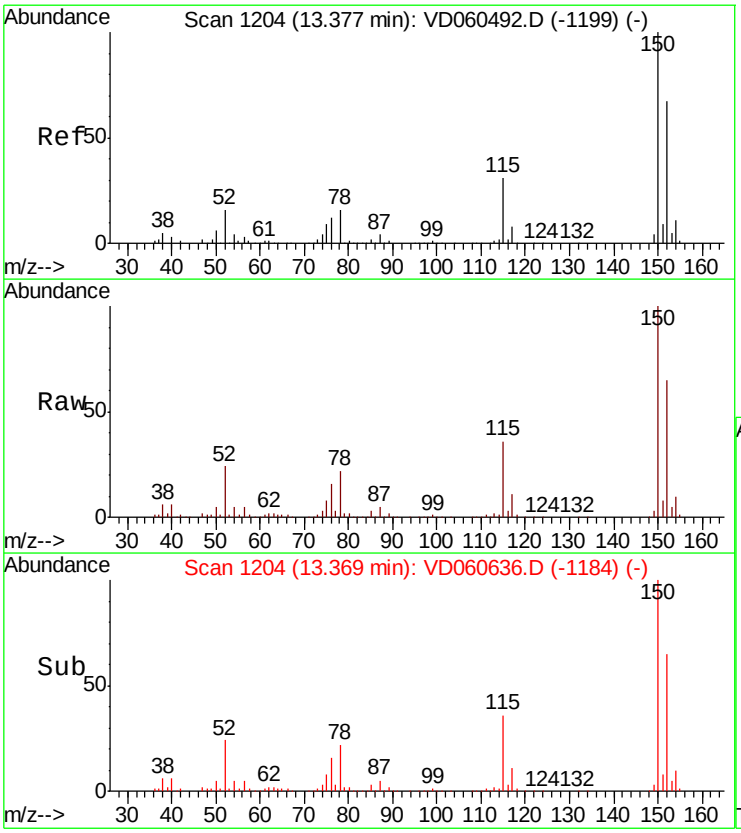
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.00 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 1788608

Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.2	67.8
119	32.4	26.1	39.1

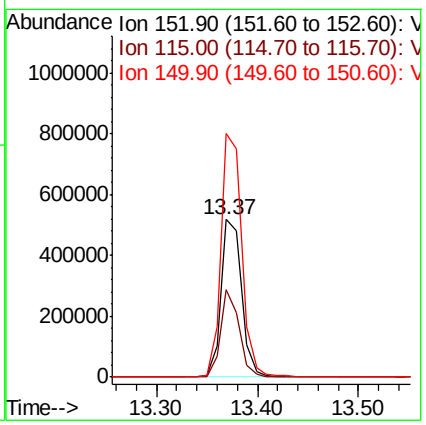


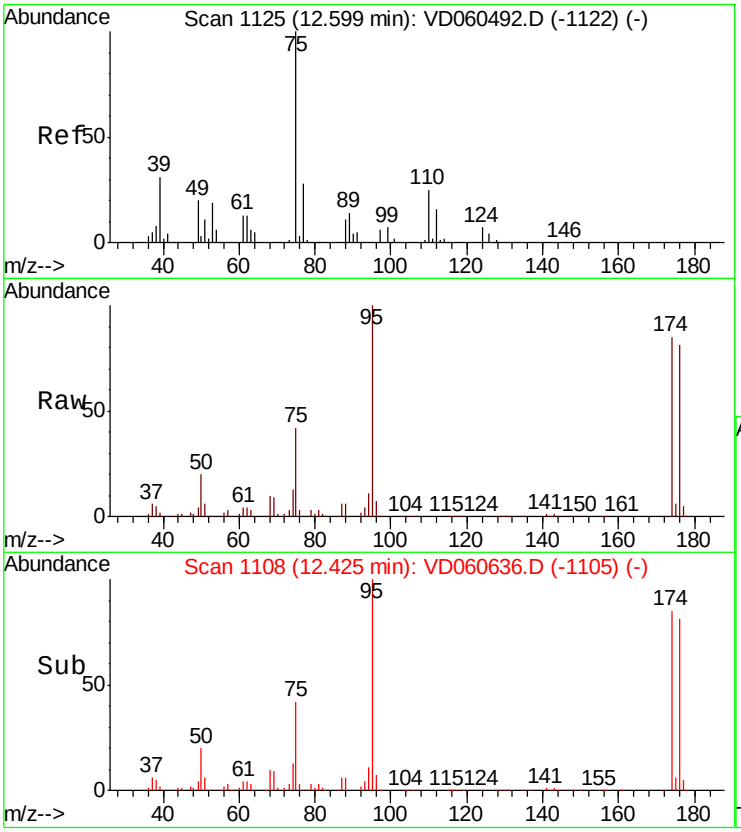


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Tgt Ion:152 Resp: 740085

Ion	Ratio	Lower	Upper
152	100		
115	55.7	24.6	74.0
150	154.4	0.0	309.0



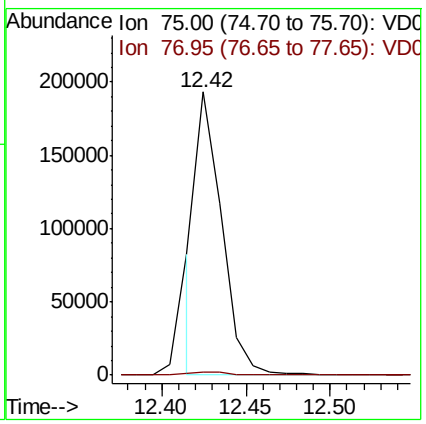


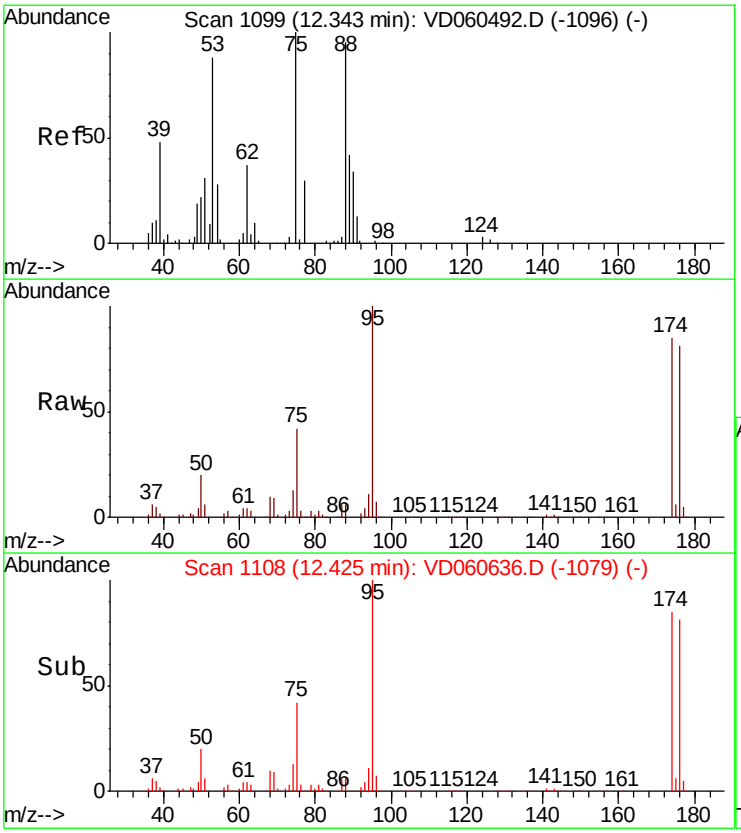
#76
1,2,3-Trichloropropane
Concen: 24.413 ug/l
RT: 12.42 min Scan# 1108
Delta R.T. -0.17 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 204717

Ion	Ratio	Lower	Upper
75	100		
77	1.2	16.4	49.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 110.113 ug/l
RT: 12.42 min Scan# 1108
Delta R.T. 0.08 min
Lab File: VD060636.D
Acq: 19 Dec 2018 13:14

Tgt Ion: 75 Resp: 257531

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