Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102518\
Data File : VD060207.D
Acq On : 25 Oct 2018 20:55
Operator : JC/SY
Sample : J5204-09
Misc : 6.77g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-02-102518-A

Quant Time: Oct 26 03:44:31 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	1384892	50.00	ug/l		0.02
34) 1,4-Difluorobenzene	7.44	114	1963942	50.00	ug/l		0.02
63) Chlorobenzene-d5	11.28	117	1316775	50.00	ug/l		0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	403122	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.78	65	629106	59.93	ug/l		0.02
Spiked Amount 50.000			Recovery = 119.86%				
35) Dibromofluoromethane	6.31	113	779530	52.27	ug/l		0.02
Spiked Amount 50.000			Recovery = 104.54%				
50) Toluene-d8	9.45	98	1898467	44.64	ug/l		0.02
Spiked Amount 50.000			Recovery = 89.28%				
62) 4-Bromofluorobenzene	12.43	95	513941	32.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 64.56%				
Target Compounds							Qvalue
8) Diethyl Ether	2.82	74	3060	1.293	ug/l		60
11) Tert butyl alcohol	3.97	59	928	1.233	ug/l	#	74
13) Acrolein	3.11	56	688	1.482	ug/l		97
16) Acetone	3.16	43	229763	120.620	ug/l		96
20) Methylene Chloride	3.72	84	83138	1.361	ug/l		93
25) 2-Butanone	5.62	43	148609	31.228	ug/l		100
31) Cyclohexane	6.40	56	41861	1.841	ug/l	#	1
36) 1,1-Dichloropropene	6.40	75	101657	5.417	ug/l	#	46
37) Ethyl Acetate	5.62	43	148609	11.930	ug/l	#	71
38) Carbon Tetrachloride	6.40	117	106508	6.253	ug/l	#	15
39) Methylcyclohexane	8.04	83	36057	1.691	ug/l		94
52) Toluene	9.54	92	826949	26.152	ug/l		99
59) 2-Hexanone	10.44	43	10833	1.457	ug/l	#	30
67) Ethyl Benzene	11.42	91	134540	2.915	ug/l		99
68) m/p-Xylenes	11.56	106	204629	11.866	ug/l		92
69) o-Xylene	11.93	106	71190	4.174	ug/l		90
76) 1,2,3-Trichloropropane	12.43	75	199244	34.320	ug/l	#	45
80) 1,3,5-Trimethylbenzene	12.79	105	52556	2.553	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.43	75	214014	131.196	ug/l	#	13
84) 1,2,4-Trimethylbenzene	13.09	105	117830	5.432	ug/l		100
95) Naphthalene	14.96	128	817887	57.419	ug/l		99

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

Quantitation Report (Not Reviewed)

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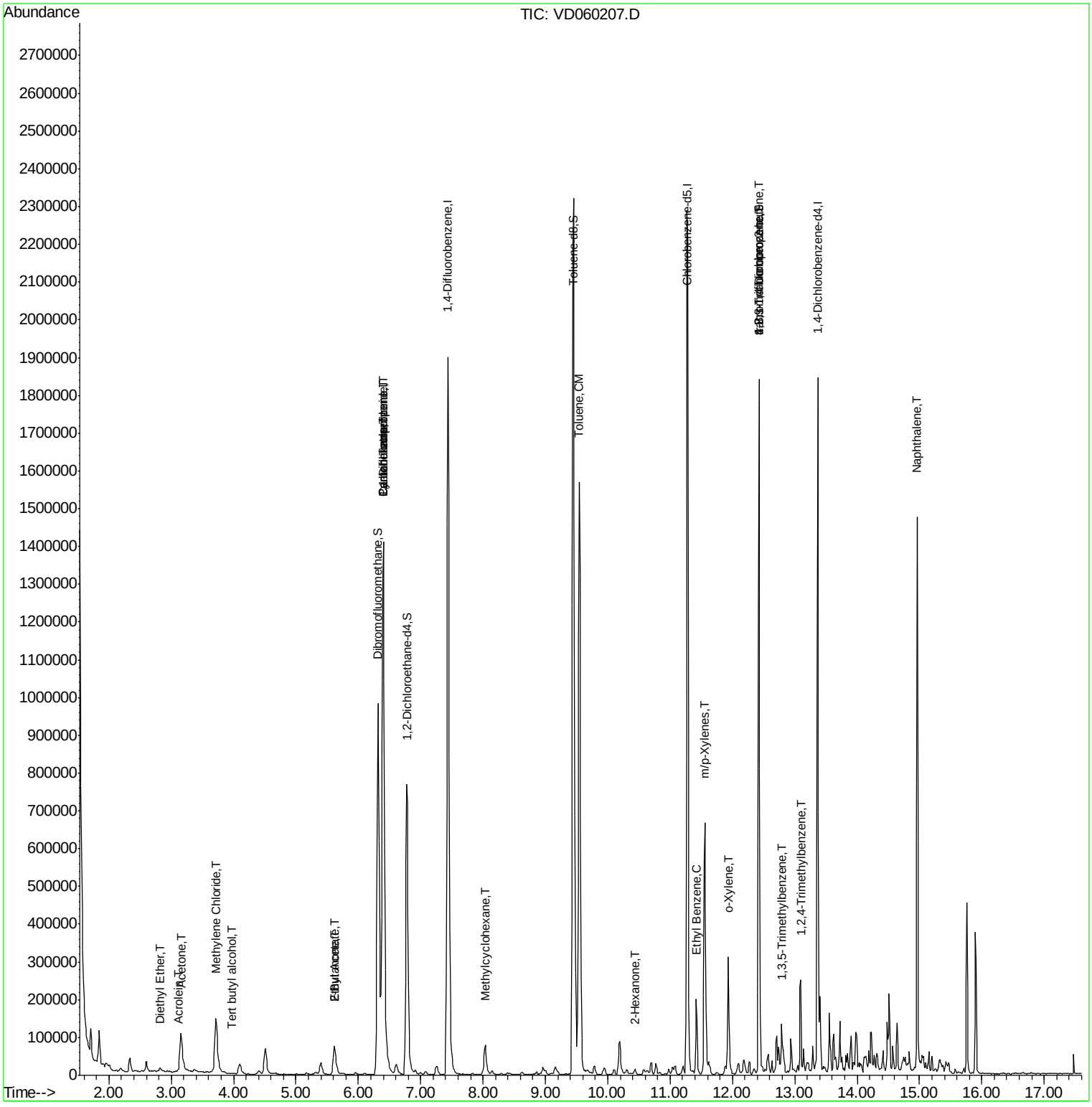
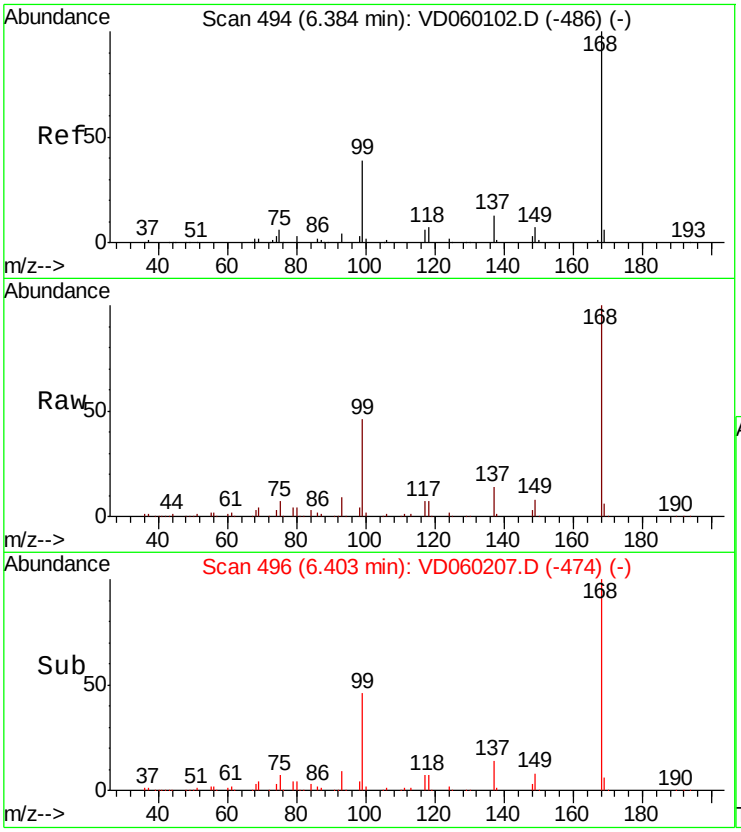
Operator : JC/SY
Sample : J5204-09
Misc : 6.77g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-02-102518-A

Quant Time: Oct 26 03:44:31 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



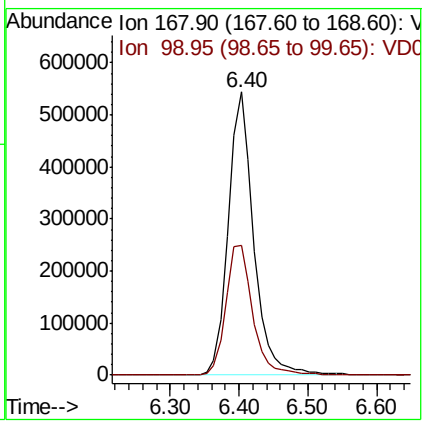


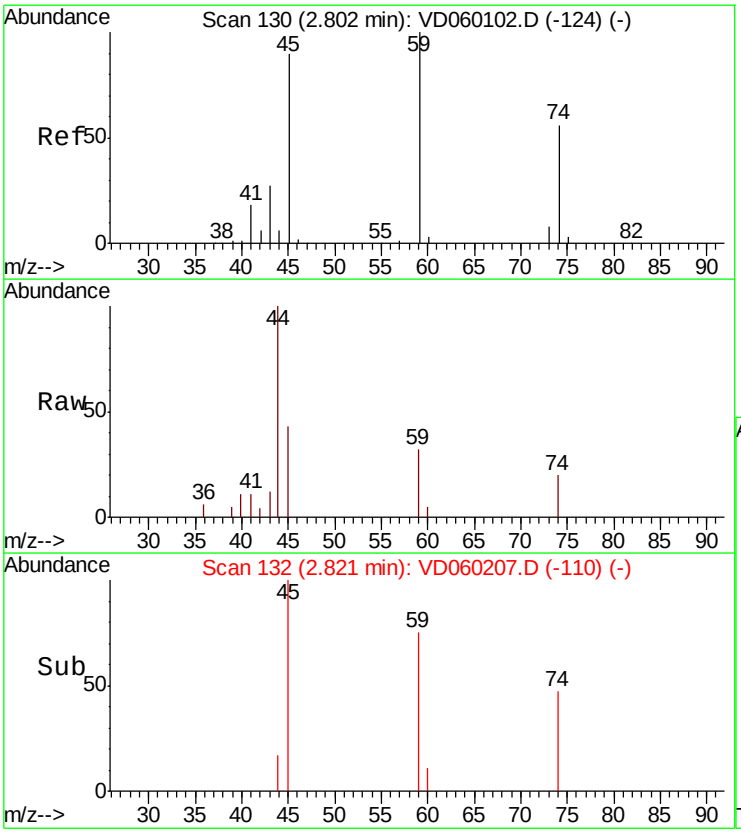
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.40 min Scan# 496
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument :
MSVOA_D
ClientSampleId :
SU-02-102518-A

Tgt Ion:168 Resp: 1384892

Ion	Ratio	Lower	Upper
168	100		
99	46.1	35.4	53.0

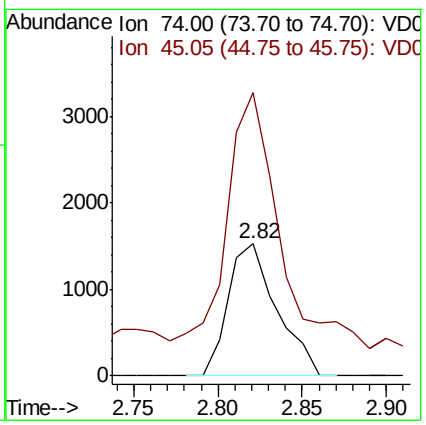


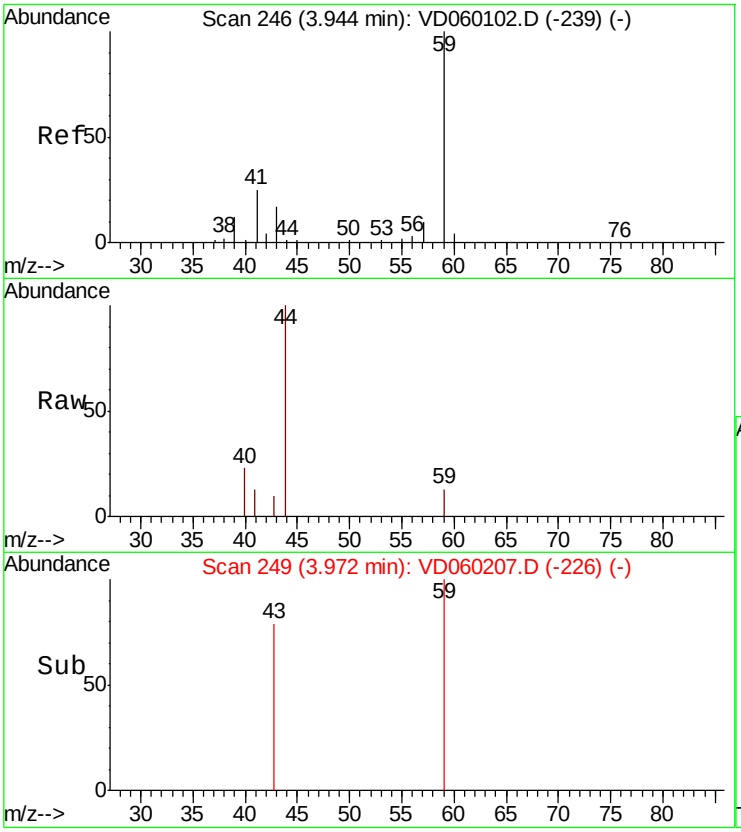


#8
Diethyl Ether
Concen: 1.293 ug/l
RT: 2.82 min Scan# 132
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion: 74 Resp: 3060

Ion	Ratio	Lower	Upper
74	100		
45	214.0	80.3	241.0



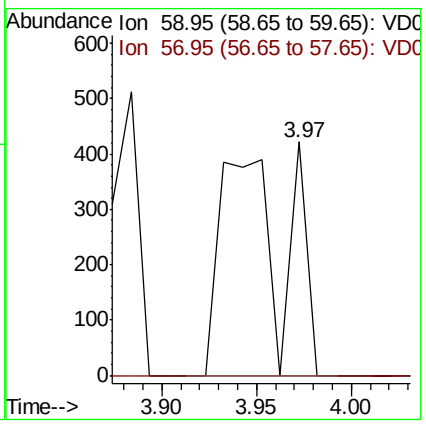


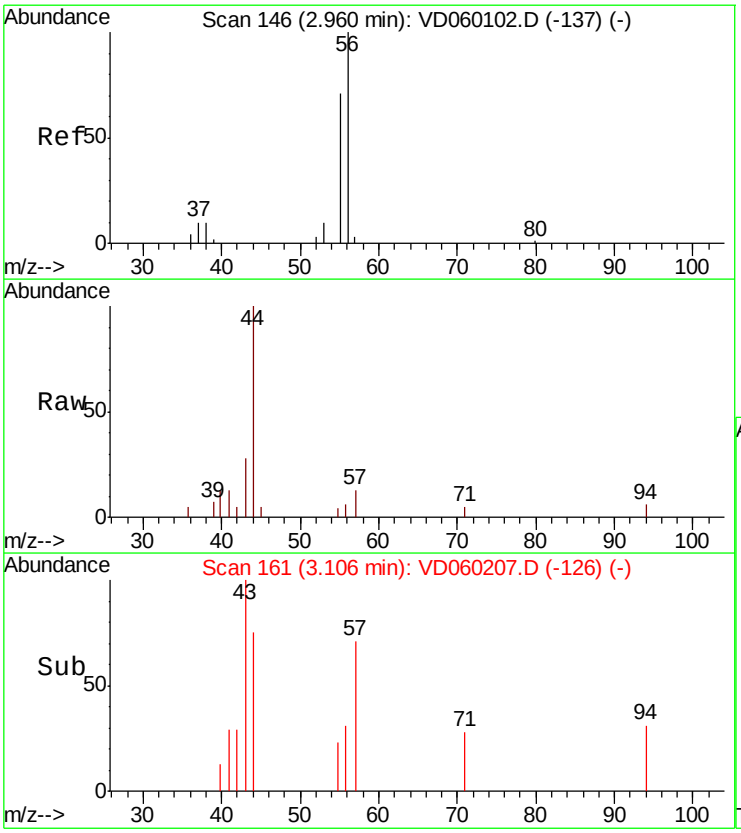
#11
Tert butyl alcohol
Concen: 1.233 ug/l
RT: 3.97 min Scan# 249
Delta R.T. 0.03 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument : MSVOA_D
ClientSampleId : SU-02-102518-A

Tgt Ion: 59 Resp: 928

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

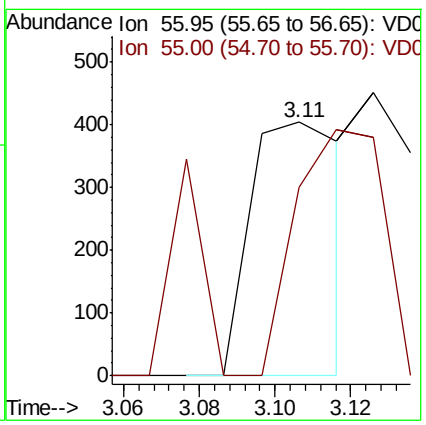


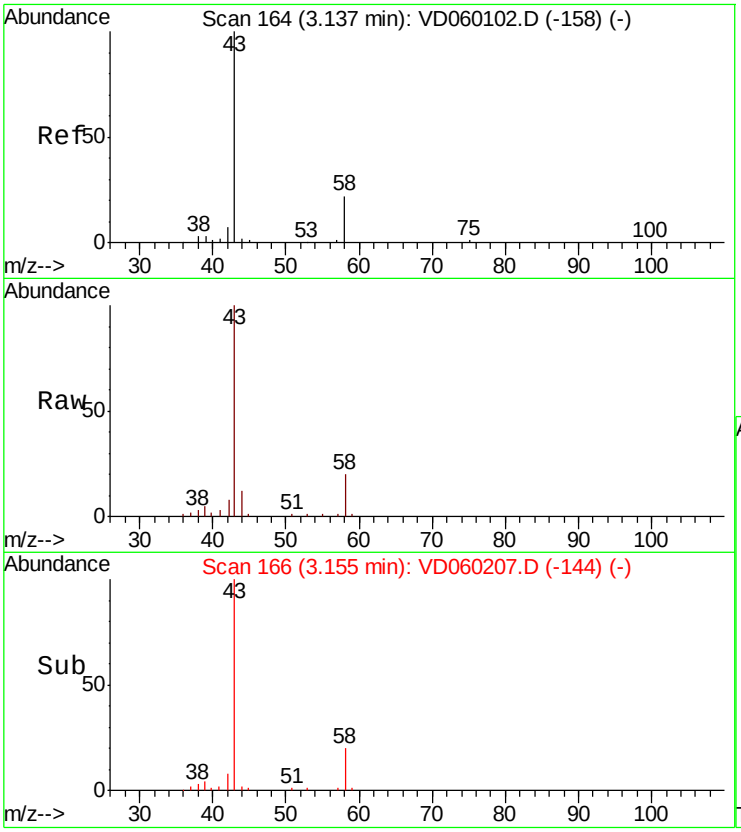


#13
Acrolein
Concen: 1.482 ug/l
RT: 3.11 min Scan# 161
Delta R.T. 0.15 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion: 56 Resp: 688

Ion	Ratio	Lower	Upper
56	100		
55	74.5	57.4	86.2



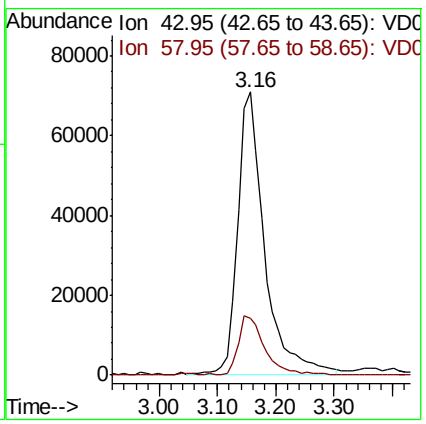


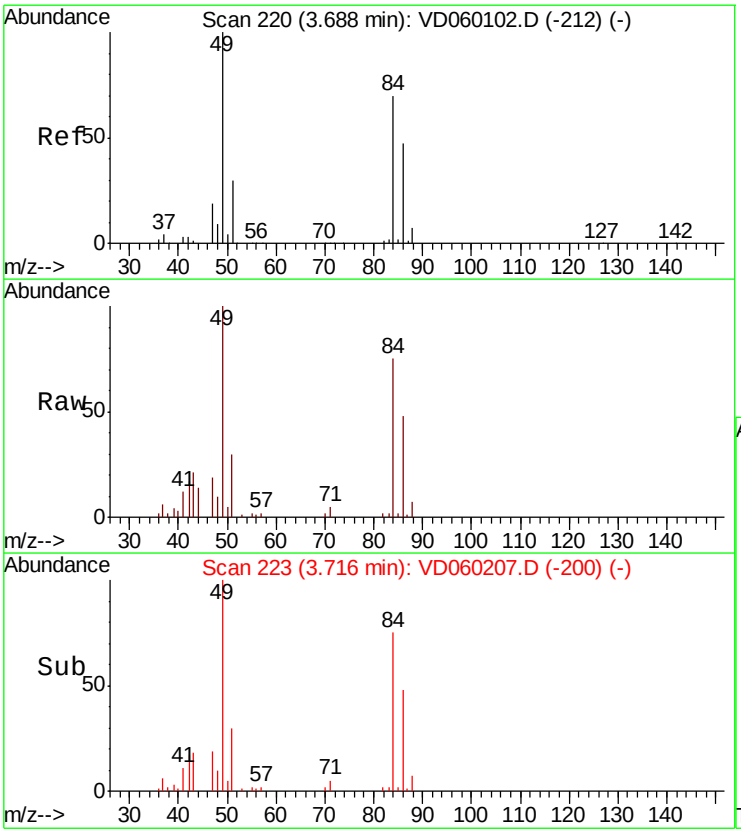
#16
Acetone
Concen: 120.620 ug/l
RT: 3.16 min Scan# 166
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument : MSVOA_D
ClientSampleId : SU-02-102518-A

Tgt Ion: 43 Resp: 229763

Ion	Ratio	Lower	Upper
43	100		
58	20.2	17.7	26.5

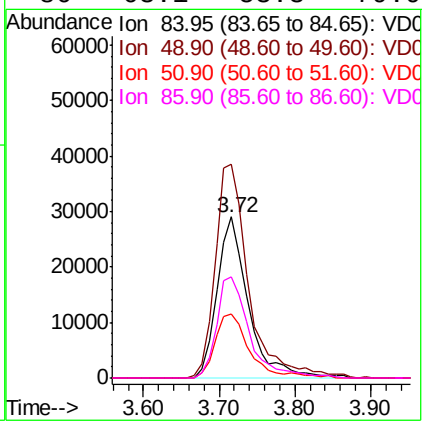


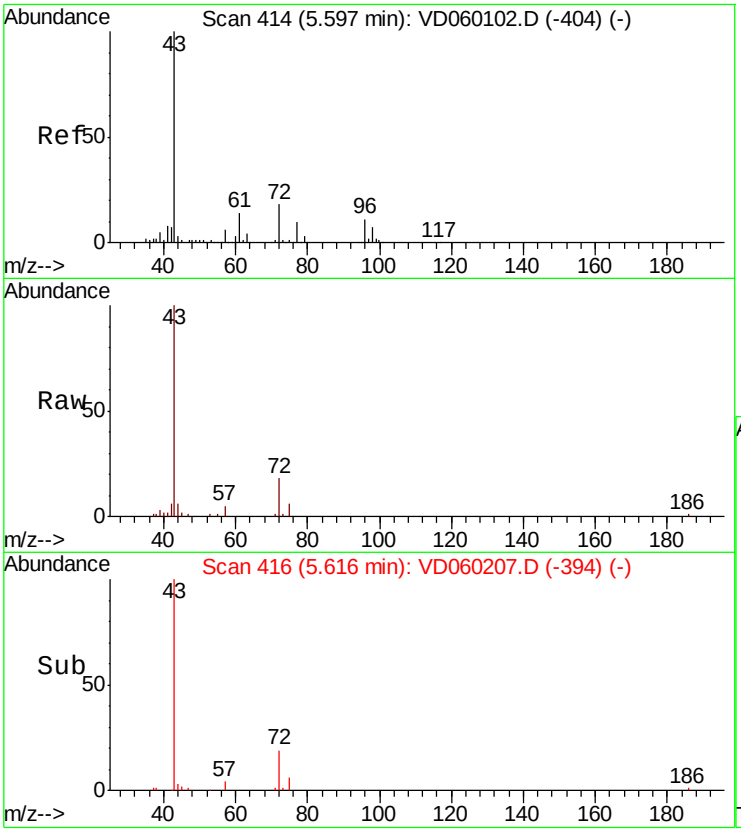


#20
Methylene Chloride
Concen: 1.361 ug/l
RT: 3.72 min Scan# 223
Delta R.T. 0.03 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion: 84 Resp: 83138

Ion	Ratio	Lower	Upper
84	100		
49	132.8	114.6	172.0
51	40.2	33.8	50.8
86	63.1	53.3	79.9



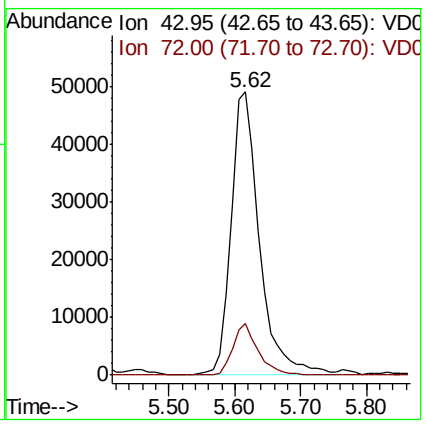


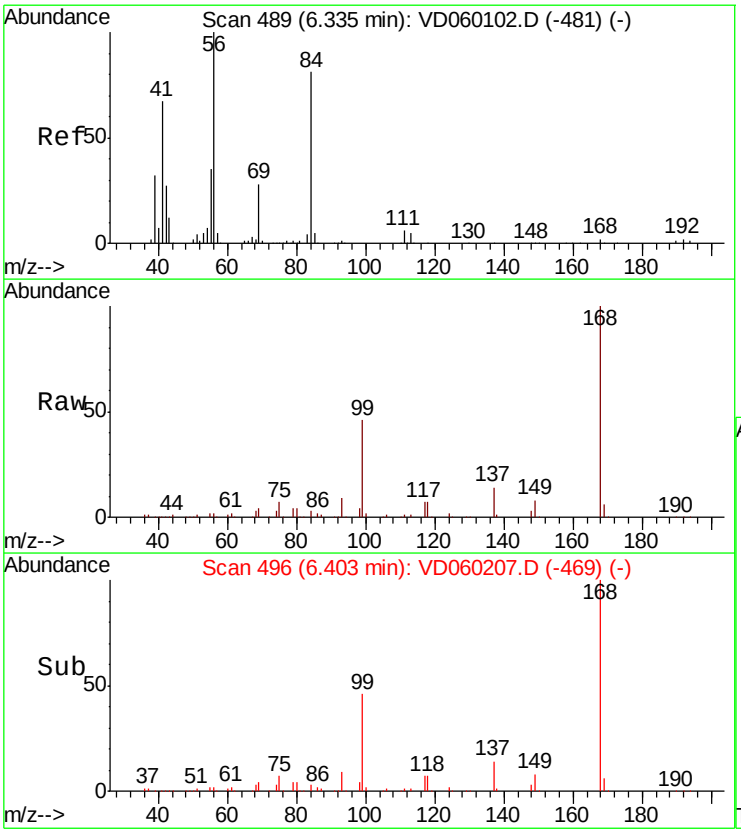
#25
2-Butanone
Concen: 31.228 ug/l
RT: 5.62 min Scan# 416
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument : MSVOA_D
ClientSampleId : SU-02-102518-A

Tgt Ion: 43 Resp: 148609

Ion	Ratio	Lower	Upper
43	100		
72	18.2	14.5	21.7

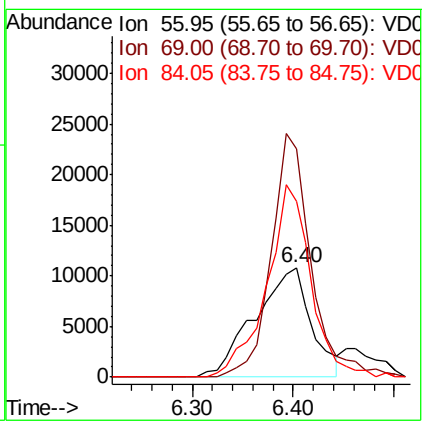


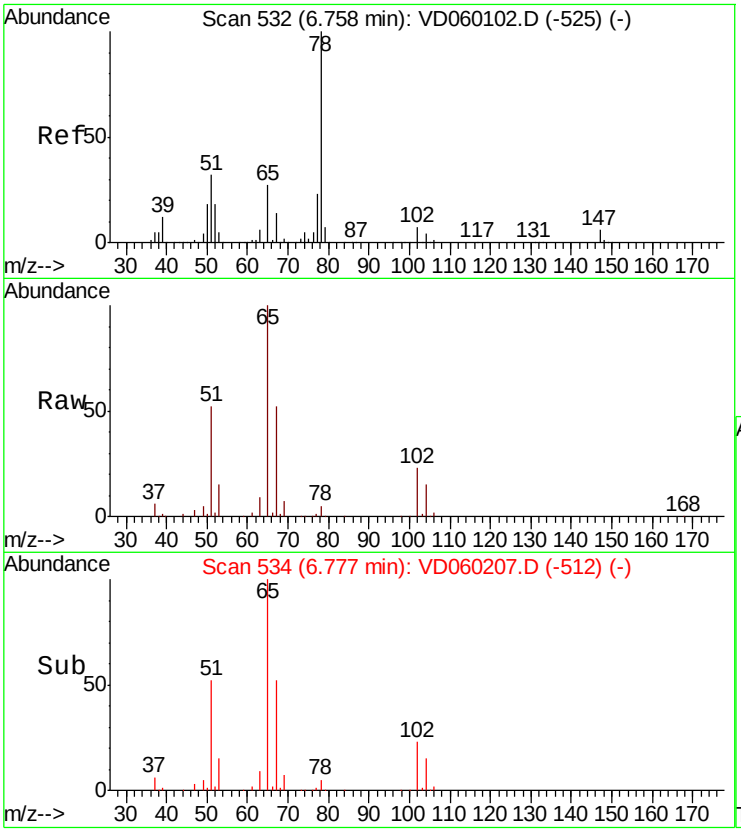


#31
Cyclohexane
Concen: 1.841 ug/l
RT: 6.40 min Scan# 496
Delta R.T. 0.07 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion: 56 Resp: 41861

Ion	Ratio	Lower	Upper
56	100		
69	207.8	22.8	34.2#
84	161.0	64.9	97.3#



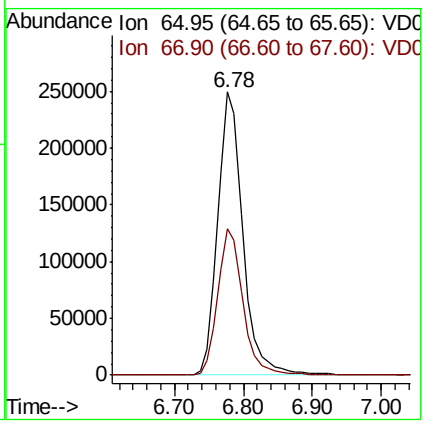


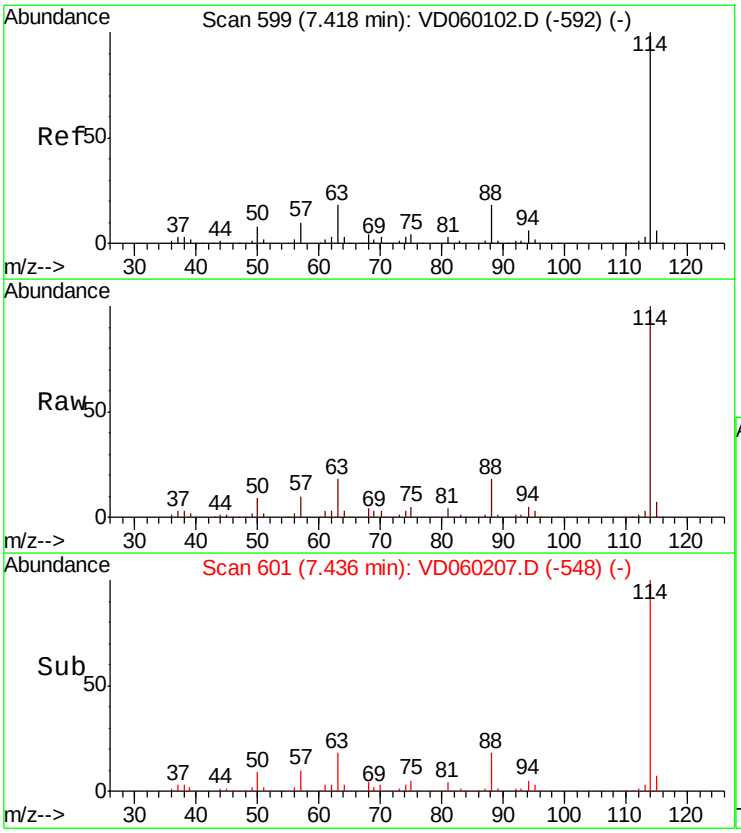
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument :
MSVOA_D
ClientSampleId :
SU-02-102518-A

Tgt Ion: 65 Resp: 629106

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	106.2

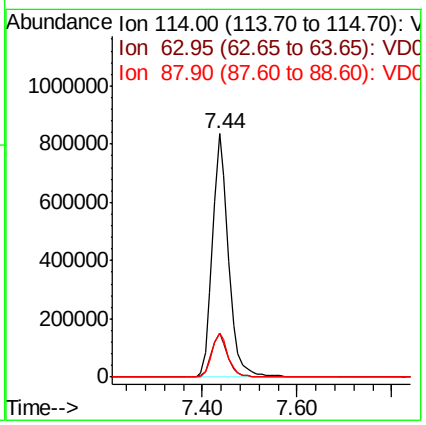


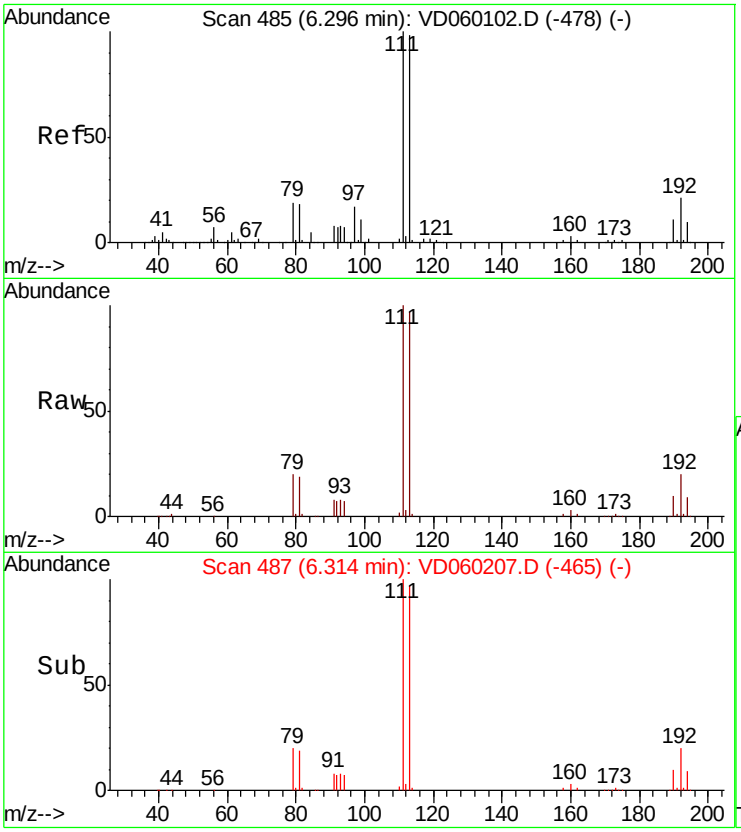


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.44 min Scan# 601
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion:114 Resp: 1963942

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.0
88	17.9	0.0	36.2



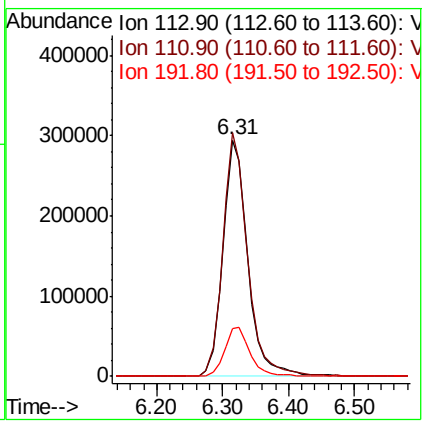


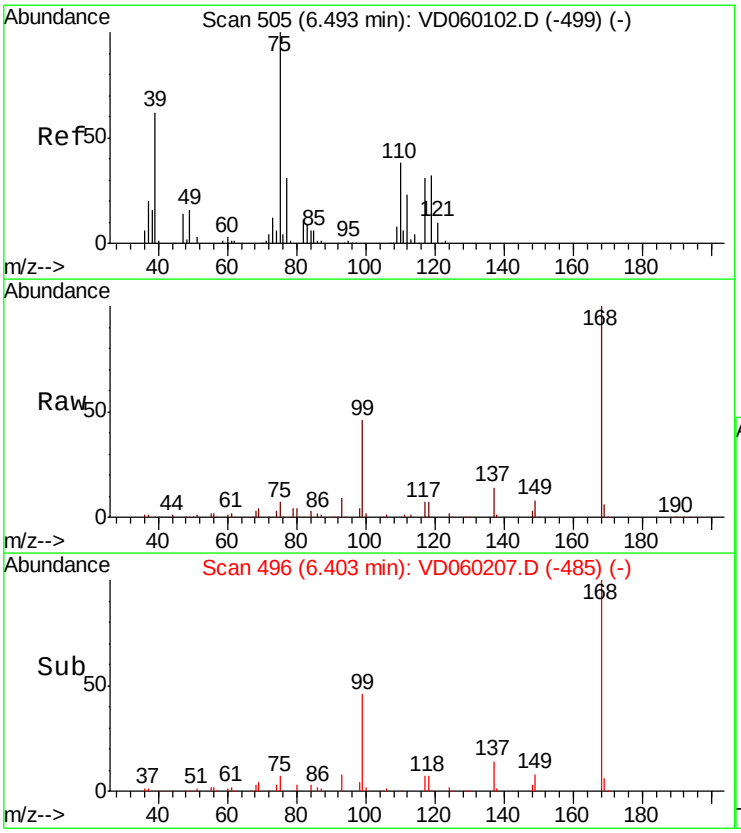
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 487
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument :
MSVOA_D
ClientSampleId :
SU-02-102518-A

Tgt Ion:113 Resp: 779530

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.5	122.3
192	20.2	17.4	26.0

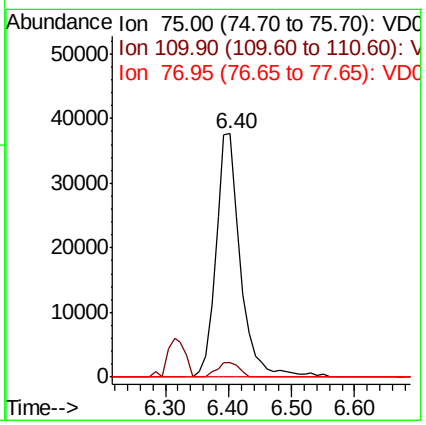


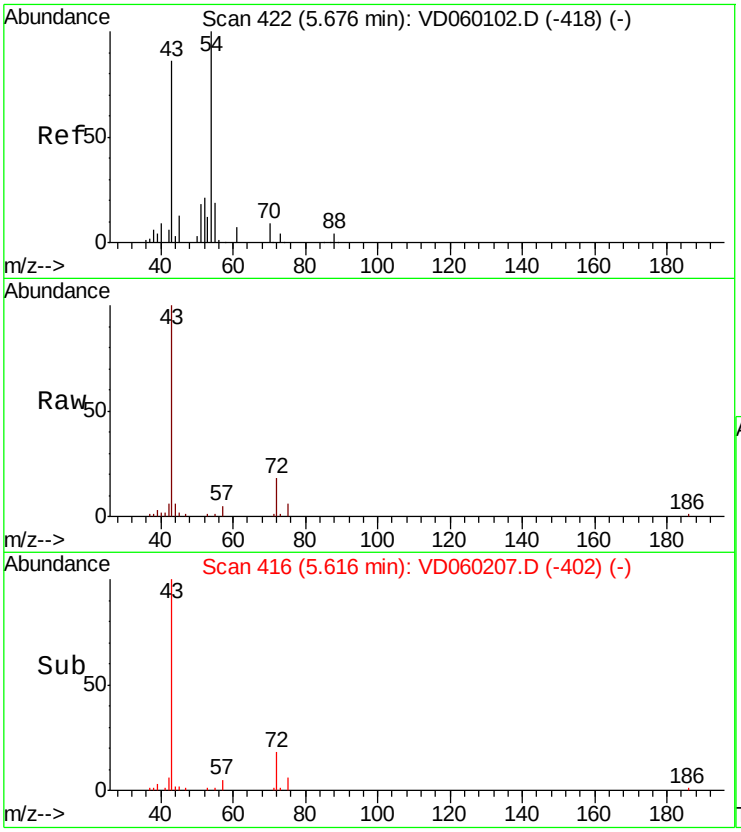


#36
1,1-Dichloropropene
Concen: 5.417 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.09 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion: 75 Resp: 101657

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



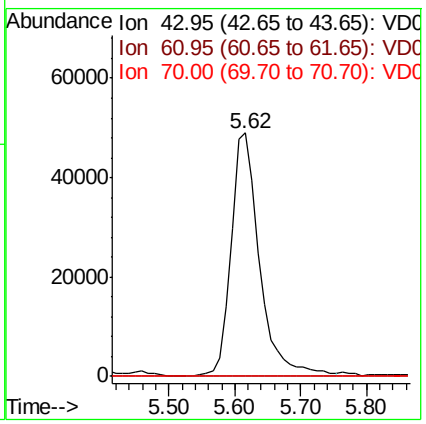


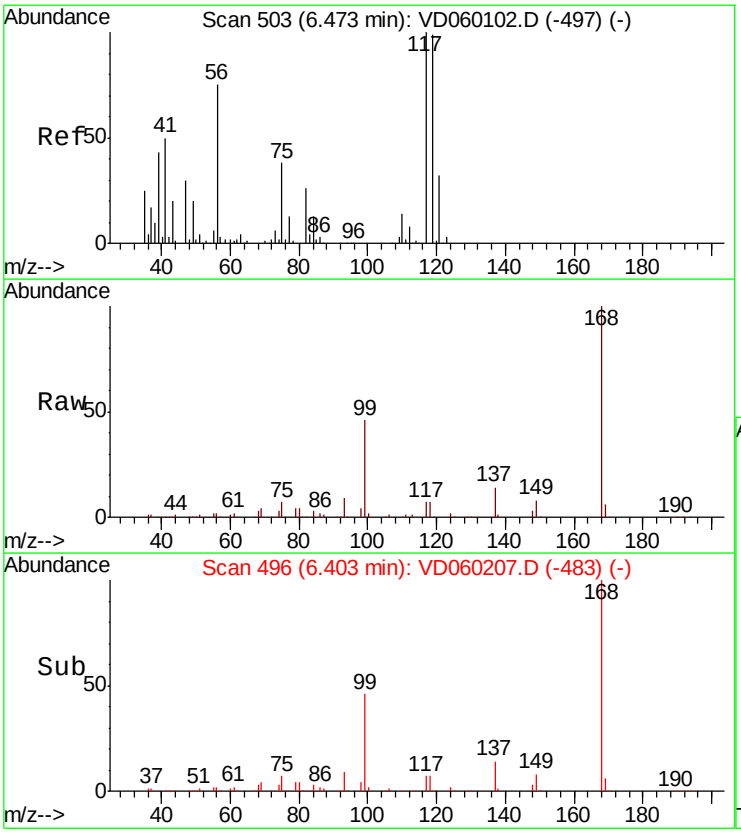
#37
Ethyl Acetate
Concen: 11.930 ug/l
RT: 5.62 min Scan# 416
Delta R.T. -0.06 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument :
MSVOA_D
ClientSampleId :
SU-02-102518-A

Tgt Ion: 43 Resp: 148609

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

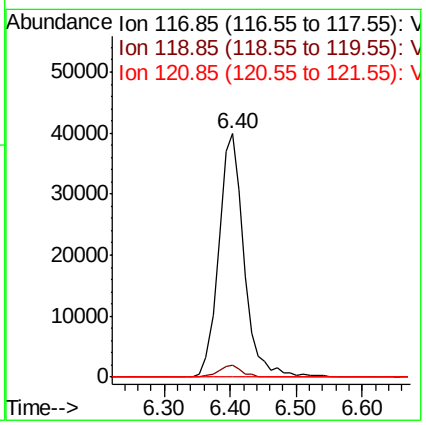


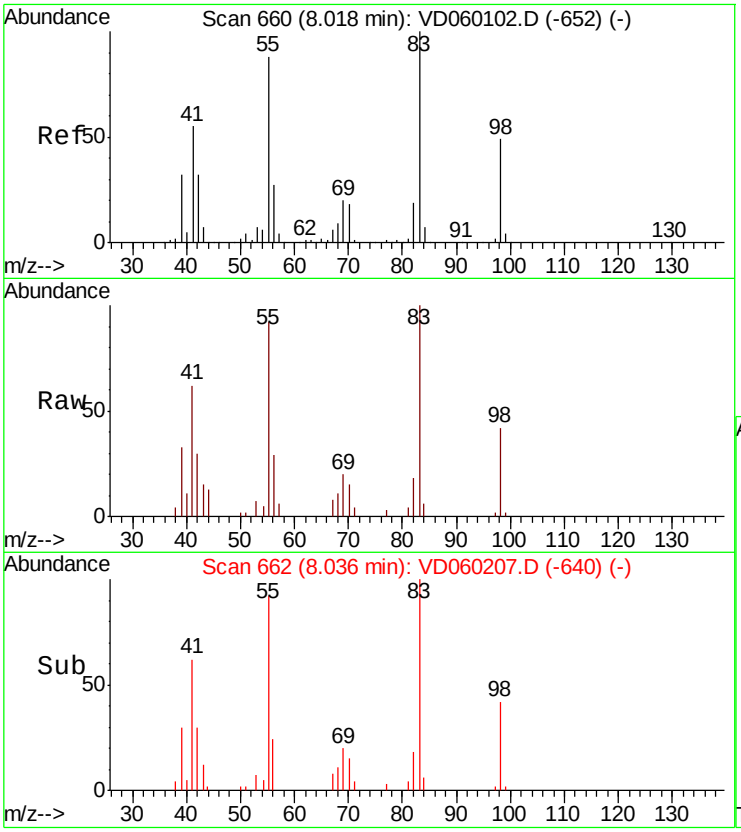


#38
Carbon Tetrachloride
Concen: 6.253 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.07 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion:117 Resp: 106508

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.8	116.6#
121	0.0	24.8	37.2#



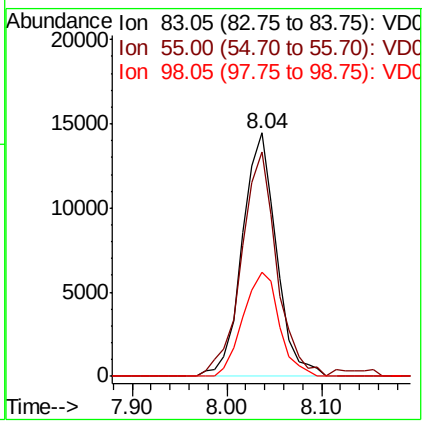


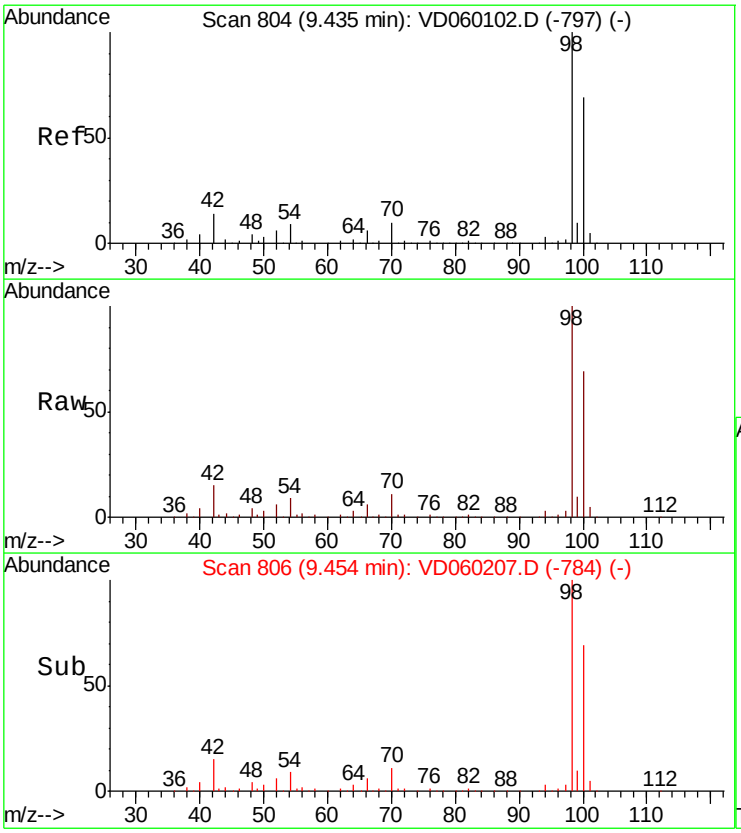
#39
Methylcyclohexane
Concen: 1.691 ug/l
RT: 8.04 min Scan# 662
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument :
MSVOA_D
ClientSampleId :
SU-02-102518-A

Tgt Ion: 83 Resp: 36057

Ion	Ratio	Lower	Upper
83	100		
55	92.1	70.5	105.7
98	42.5	39.4	59.2

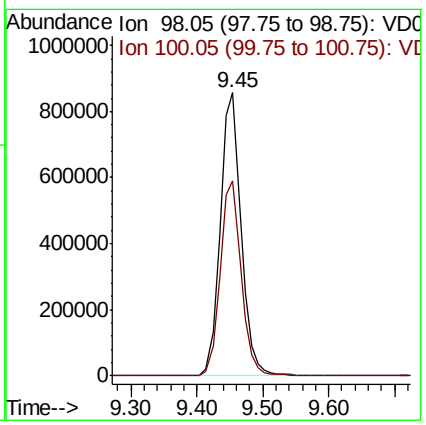


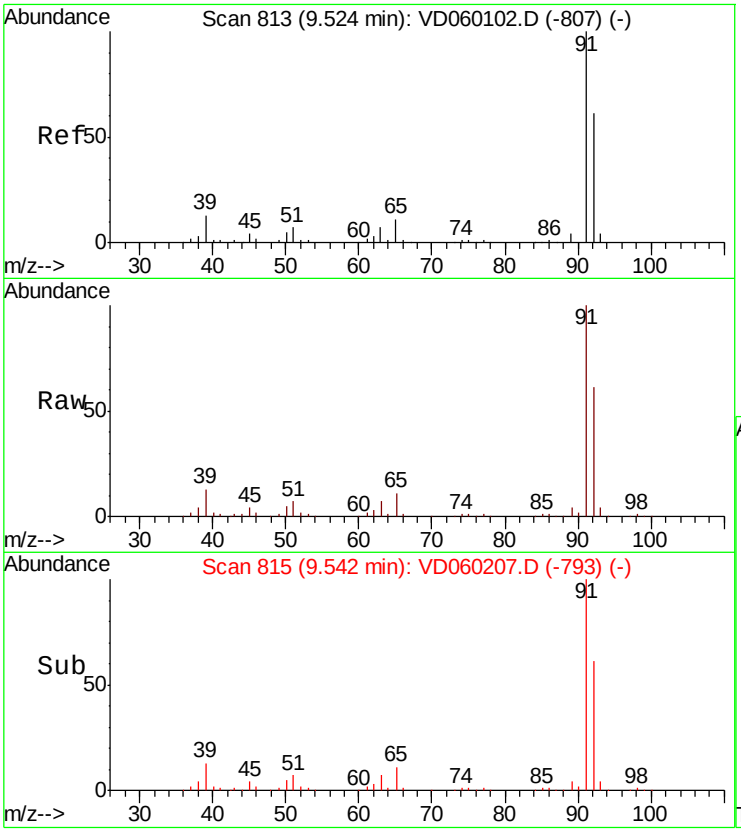


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion: 98 Resp: 1898467

Ion	Ratio	Lower	Upper
98	100		
100	68.7	55.4	83.0



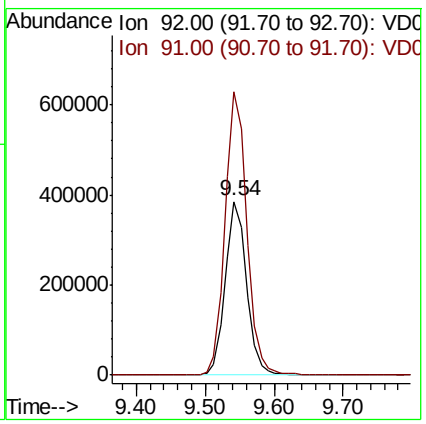


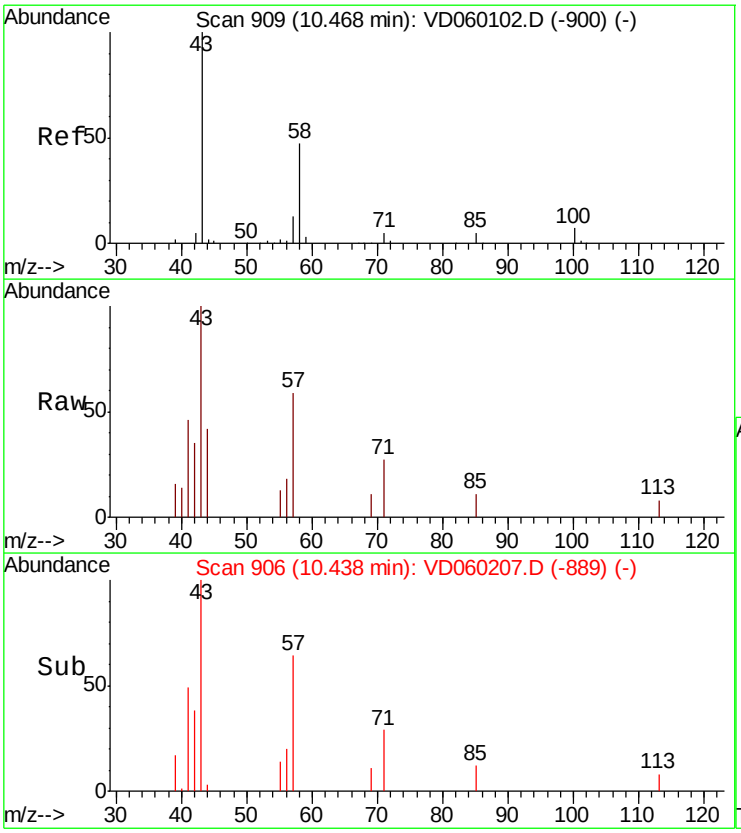
#52
Toluene
Concen: 26.152 ug/l
RT: 9.54 min Scan# 815
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument : MSVOA_D
ClientSampleId : SU-02-102518-A

Tgt Ion: 92 Resp: 826949

Ion	Ratio	Lower	Upper
92	100		
91	163.0	131.9	197.9

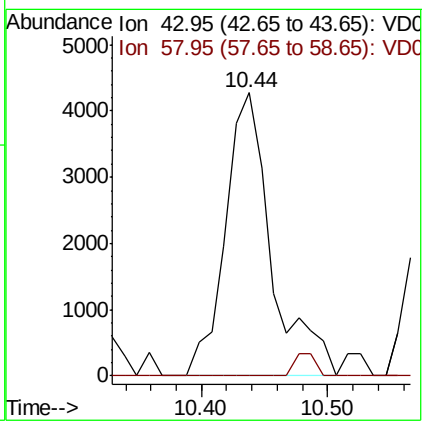


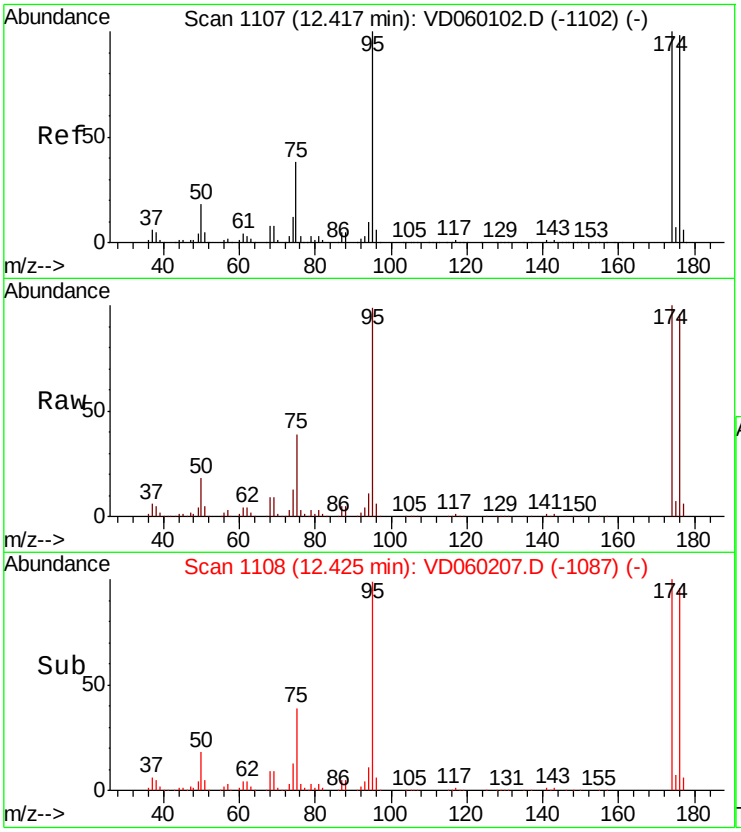


#59
2-Hexanone
Concen: 1.457 ug/l
RT: 10.44 min Scan# 906
Delta R.T. -0.03 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion: 43 Resp: 10833

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	69.9#



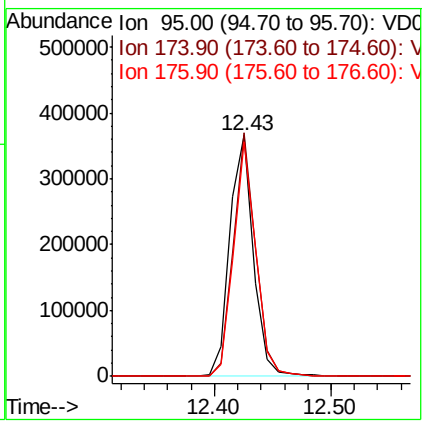


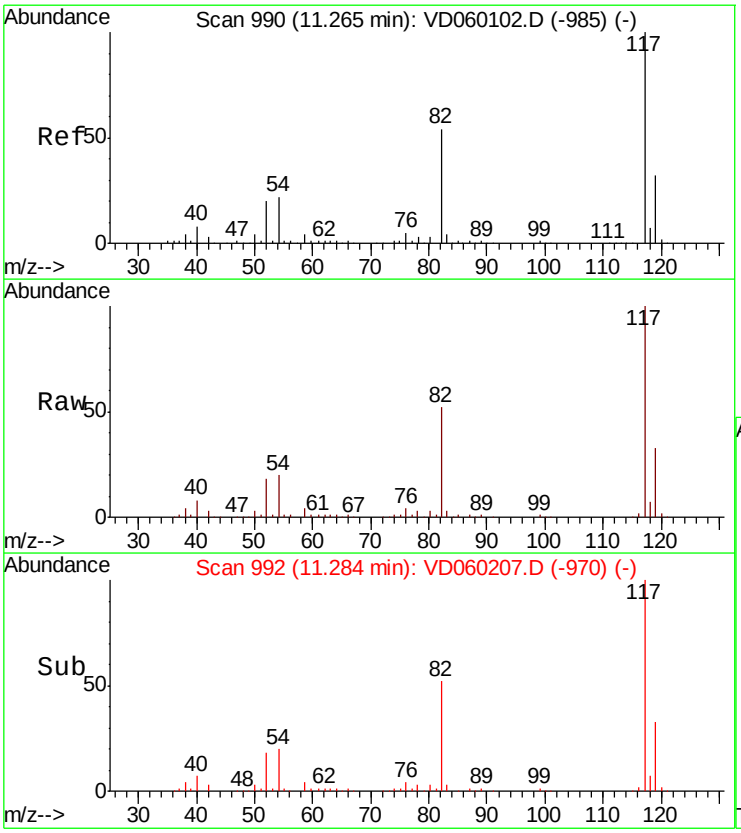
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument : MSVOA_D
ClientSampleId : SU-02-102518-A

Tgt Ion: 95 Resp: 513941

Ion	Ratio	Lower	Upper
95	100		
174	101.0	0.0	200.2
176	97.2	0.0	195.6

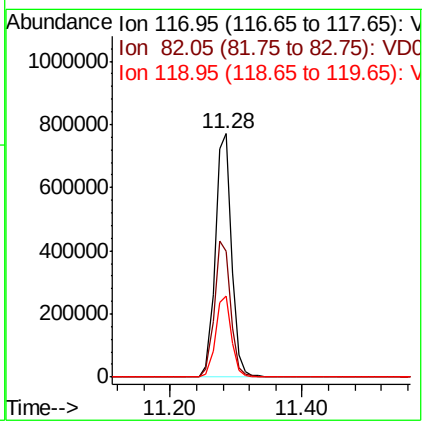


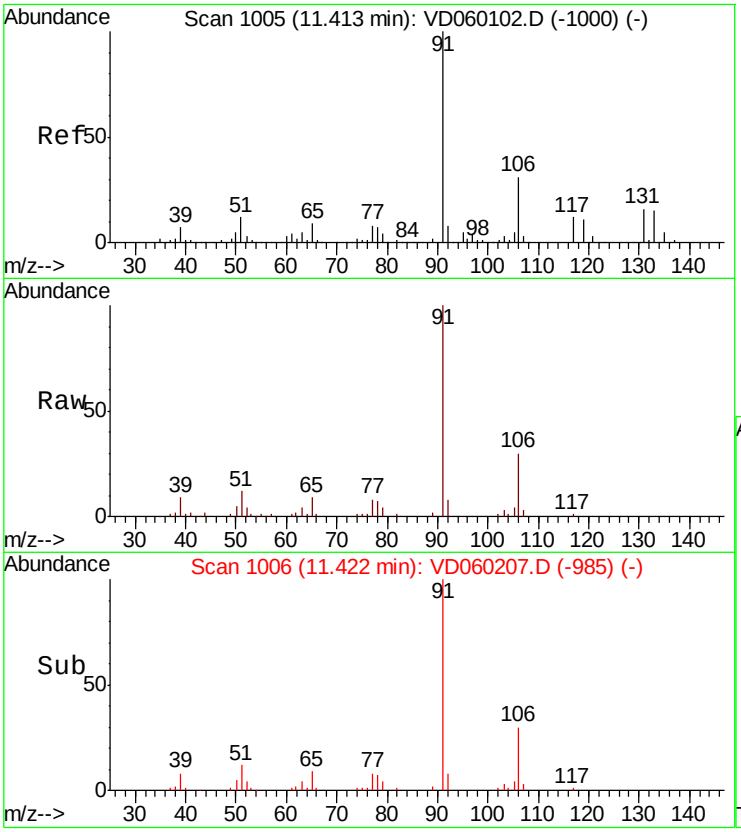


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion:117 Resp: 1316775

Ion	Ratio	Lower	Upper
117	100		
82	51.7	43.4	65.2
119	33.4	26.0	39.0



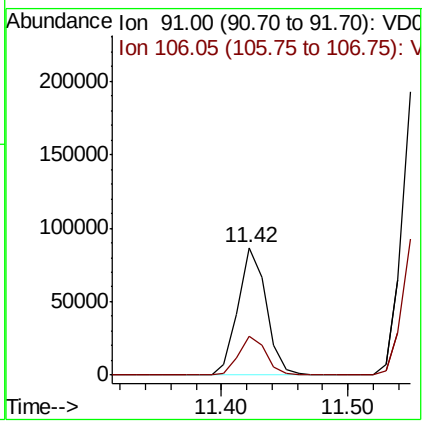


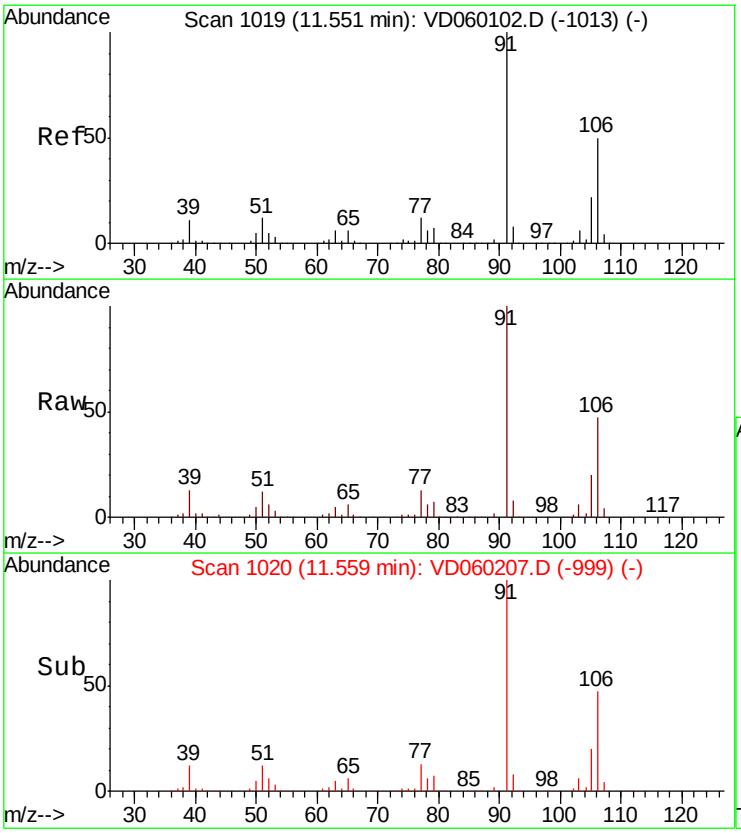
#67
Ethyl Benzene
Concen: 2.915 ug/l
RT: 11.42 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument : MSVOA_D
ClientSampleId : SU-02-102518-A

Tgt Ion: 91 Resp: 134540

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.4	36.6

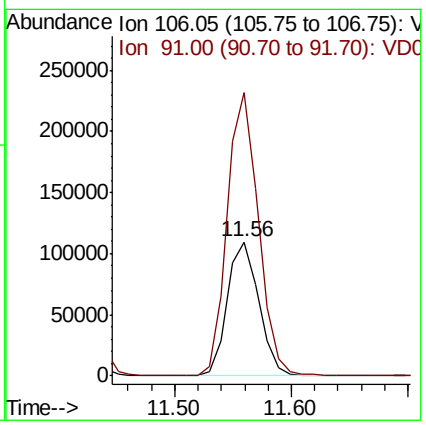


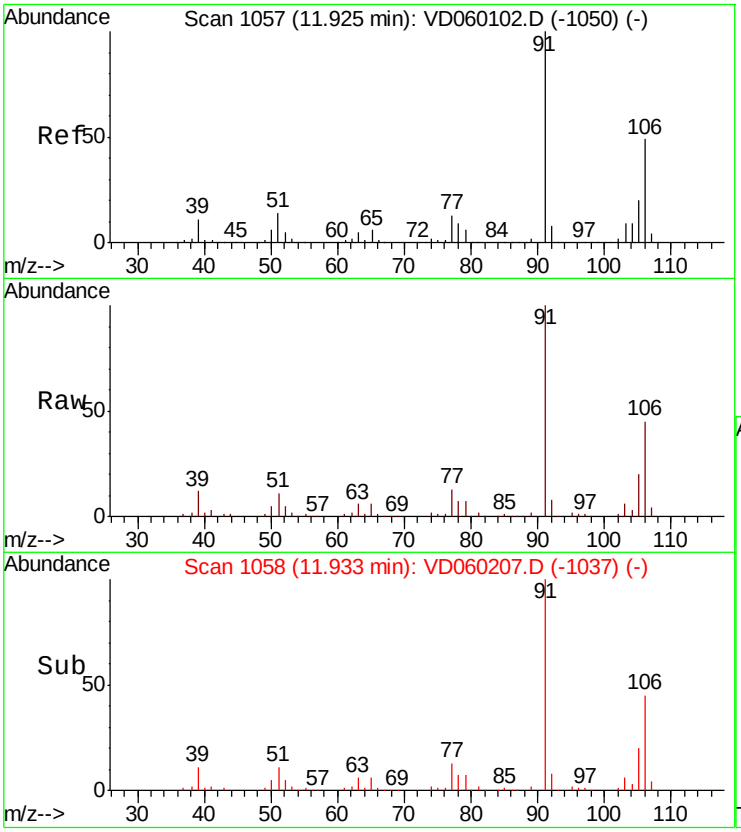


#68
m/p-Xylenes
Concen: 11.866 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion:106 Resp: 204629

Ion	Ratio	Lower	Upper
106	100		
91	211.7	160.0	240.0



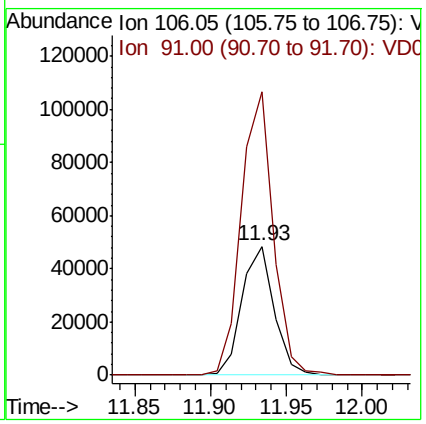


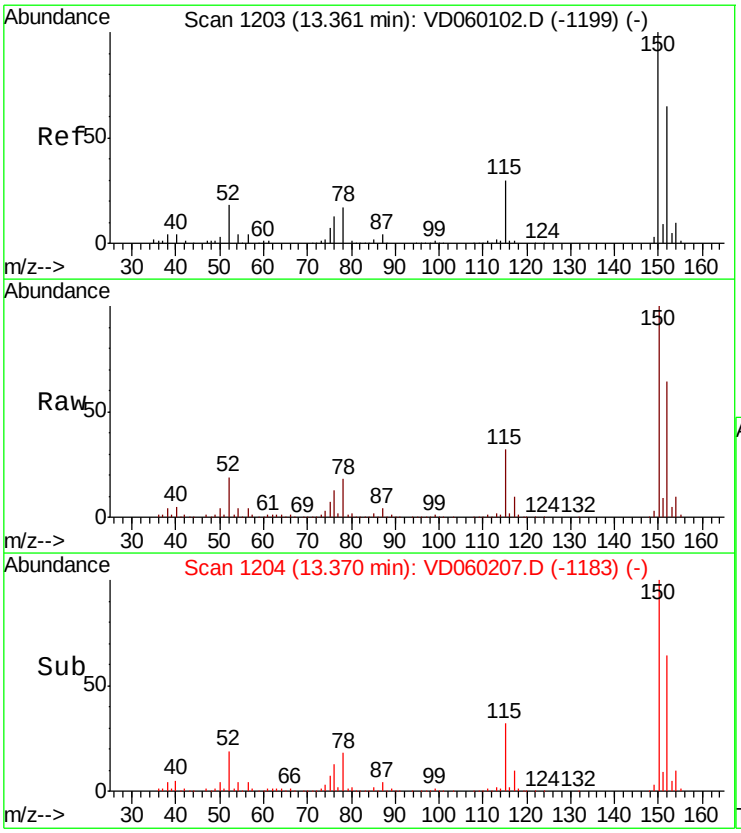
#69
o-Xylene
Concen: 4.174 ug/l
RT: 11.93 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument :
MSVOA_D
ClientSampleId :
SU-02-102518-A

Tgt Ion:106 Resp: 71190

Ion	Ratio	Lower	Upper
106	100		
91	220.2	102.5	307.5

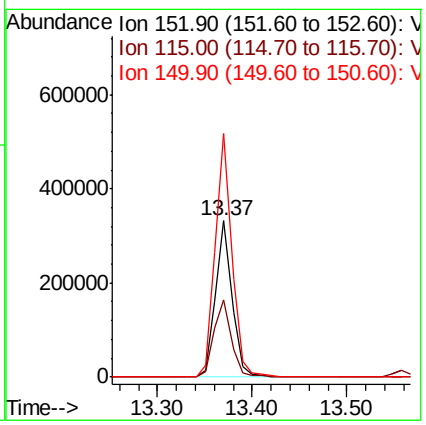


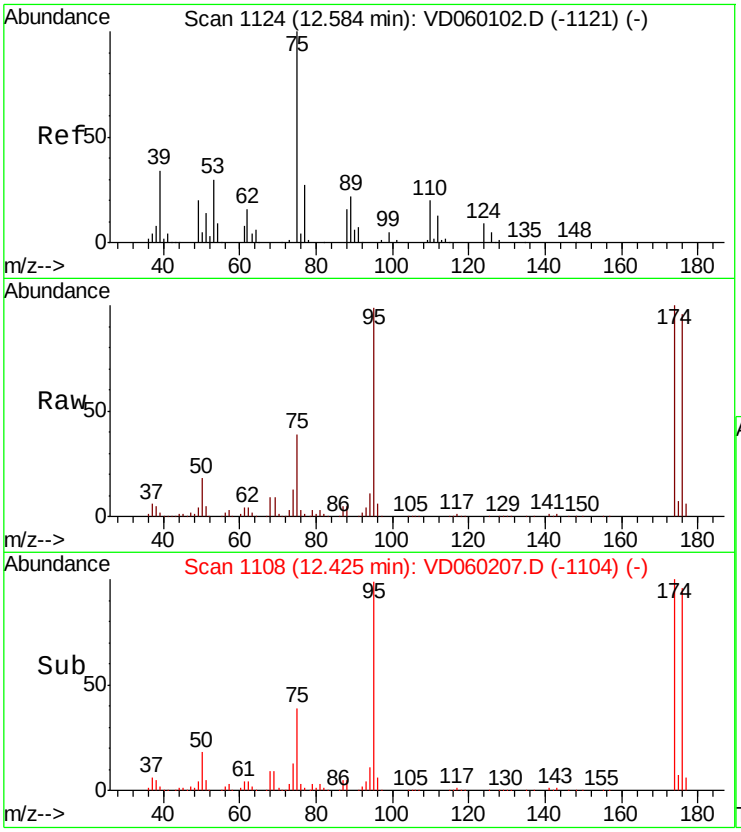


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion:152 Resp: 403122

Ion	Ratio	Lower	Upper
152	100		
115	49.6	27.1	81.2
150	155.6	0.0	311.8



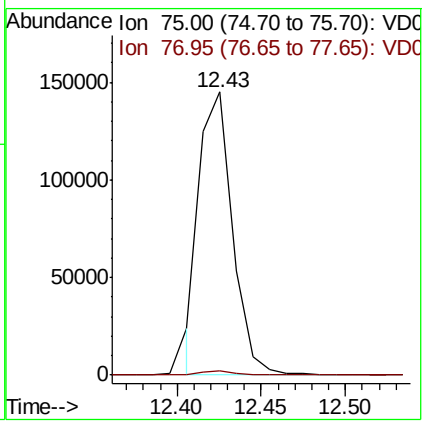


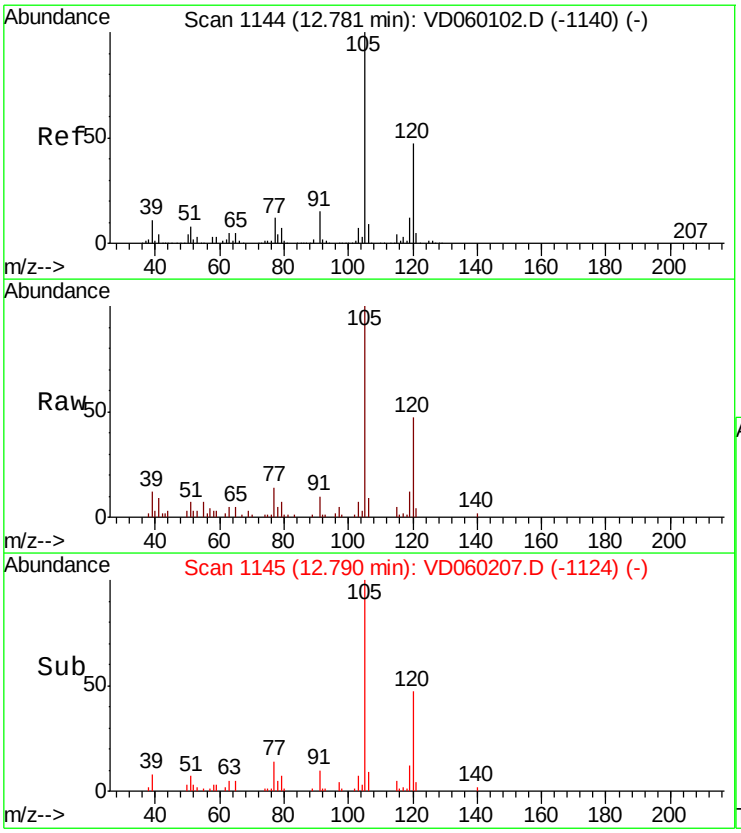
#76
1,2,3-Trichloropropane
Concen: 34.320 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.16 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument :
MSVOA_D
ClientSampleId :
SU-02-102518-A

Tgt Ion: 75 Resp: 199244

Ion	Ratio	Lower	Upper
75	100		
77	1.7	16.3	48.9#

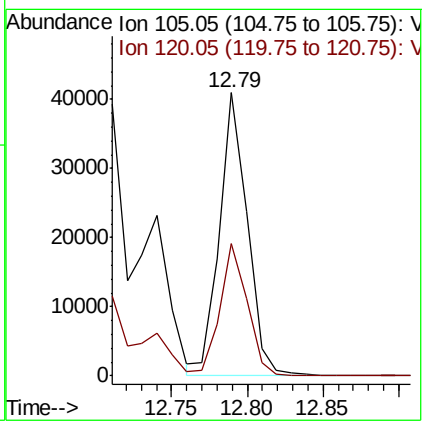


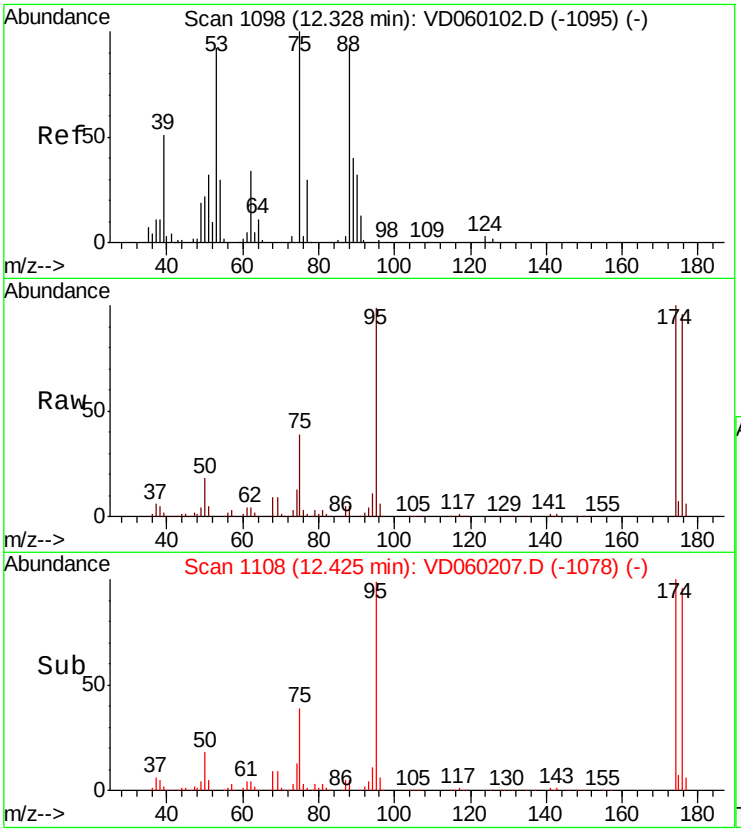


#80
1,3,5-Trimethylbenzene
Concen: 2.553 ug/l
RT: 12.79 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion:105 Resp: 52556

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.7	71.1



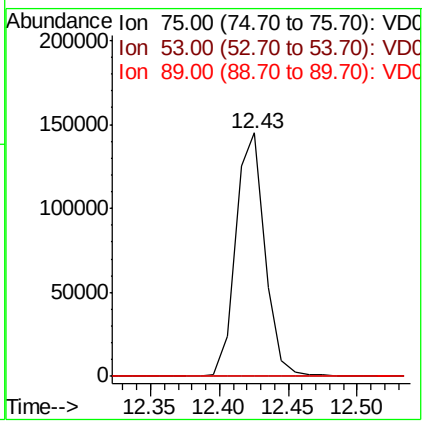


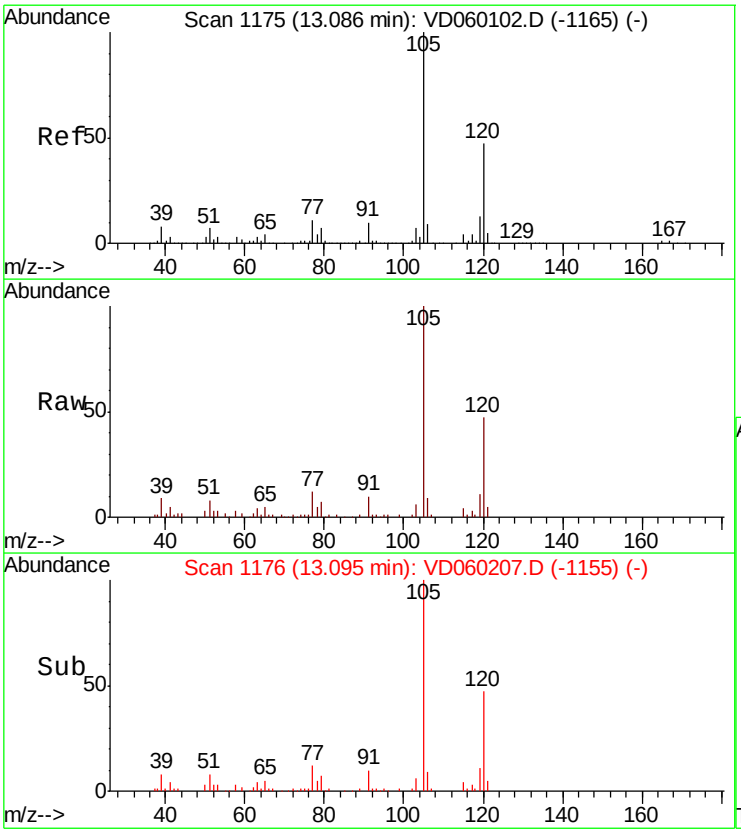
#81
trans-1,4-Dichloro-2-butene
Concen: 131.196 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.10 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument :
MSVOA_D
ClientSampleId :
SU-02-102518-A

Tgt Ion: 75 Resp: 214014

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

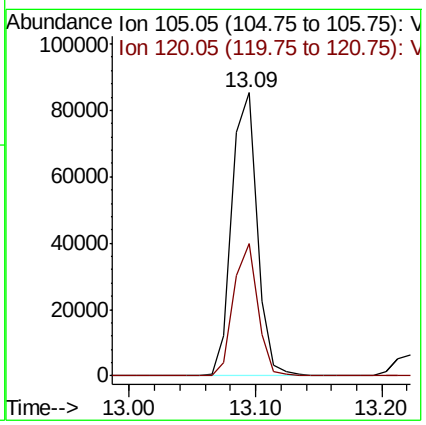


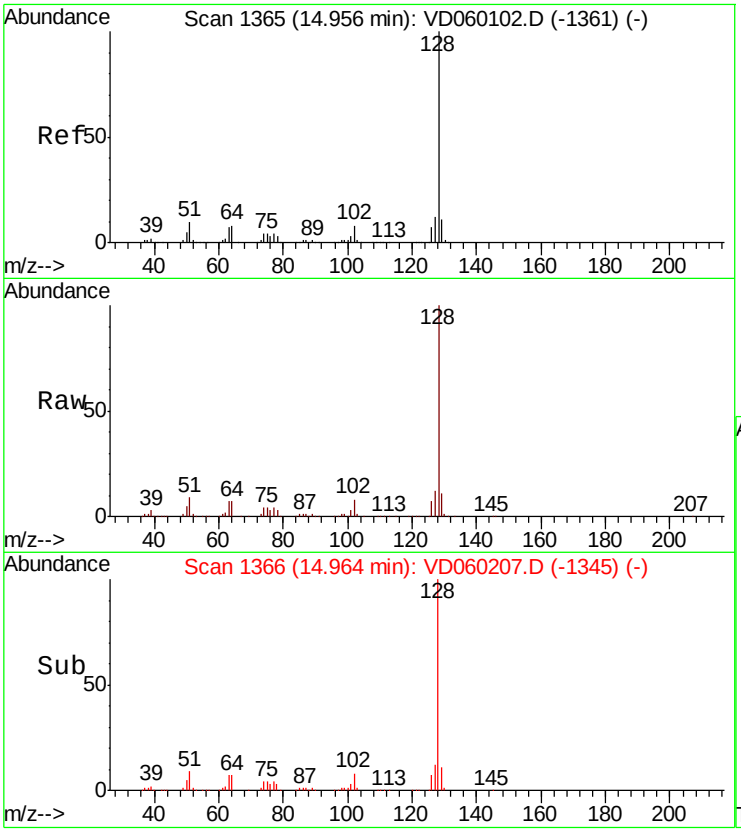


#84
1,2,4-Trimethylbenzene
Concen: 5.432 ug/l
RT: 13.09 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion:105 Resp: 117830

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.4	70.0





#95
Naphthalene
Concen: 57.419 ug/l
RT: 14.96 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument :
MSVOA_D
ClientSampleId :
SU-02-102518-A

Tgt Ion:128 Resp: 817887

Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.9	14.9
129	10.9	8.8	13.2