Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062118\
Data File : VD058257.D
Acq On : 21 Jun 2018 17:28
Operator : VA/AP
Sample : J3593-01
Misc : 7.45g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S39-9005

Quant Time: Jun 22 06:16:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	612077	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.70	114	786439	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	646706	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	348409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	322675	52.19	ug/l	0.01
Spiked Amount 50.000			Recovery = 104.38%			
35) Dibromofluoromethane	5.56	113	20816	3.25	ug/l	0.01
Spiked Amount 50.000			Recovery = 6.50%			
50) Toluene-d8	8.71	98	767542	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.12%			
62) 4-Bromofluorobenzene	11.94	95	315481	49.87	ug/l	0.01
Spiked Amount 50.000			Recovery = 99.74%			
Target Compounds						Qvalue
3) Chloromethane	1.47	50	216	Below Cal	#	43
6) Chloroethane	1.91	64	212	1.559	ug/l #	41
11) Tert butyl alcohol	3.28	59	3317	16.267	ug/l #	78
13) Acrolein	2.39	56	194	1.667	ug/l #	11
16) Acetone	2.61	43	224446	265.461	ug/l	93
17) Carbon Disulfide	2.75	76	16529	2.310	ug/l #	93
20) Methylene Chloride	3.08	84	2651	Below Cal	#	72
25) 2-Butanone	4.84	43	36687	19.909	ug/l	98
29) Tetrahydrofuran	5.20	42	1032	1.052	ug/l #	53
31) Cyclohexane	5.65	56	15578	Below Cal	#	1
36) 1,1-Dichloropropene	5.64	75	51676	6.642	ug/l #	47
37) Ethyl Acetate	4.84	43	36687	8.276	ug/l #	87
38) Carbon Tetrachloride	5.65	117	51038	6.602	ug/l #	14
51) 4-Methyl-2-Pentanone	8.60	43	8030	2.083	ug/l	97
68) m/p-Xylenes	11.00	106	13088	1.838	ug/l	81
69) o-Xylene	11.41	106	13134	1.931	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.94	75	157903	127.274	ug/l #	1
82) 4-Chlorotoluene	12.32	91	1626	Below Cal	#	45
84) 1,2,4-Trimethylbenzene	12.63	105	25238	1.428	ug/l	94

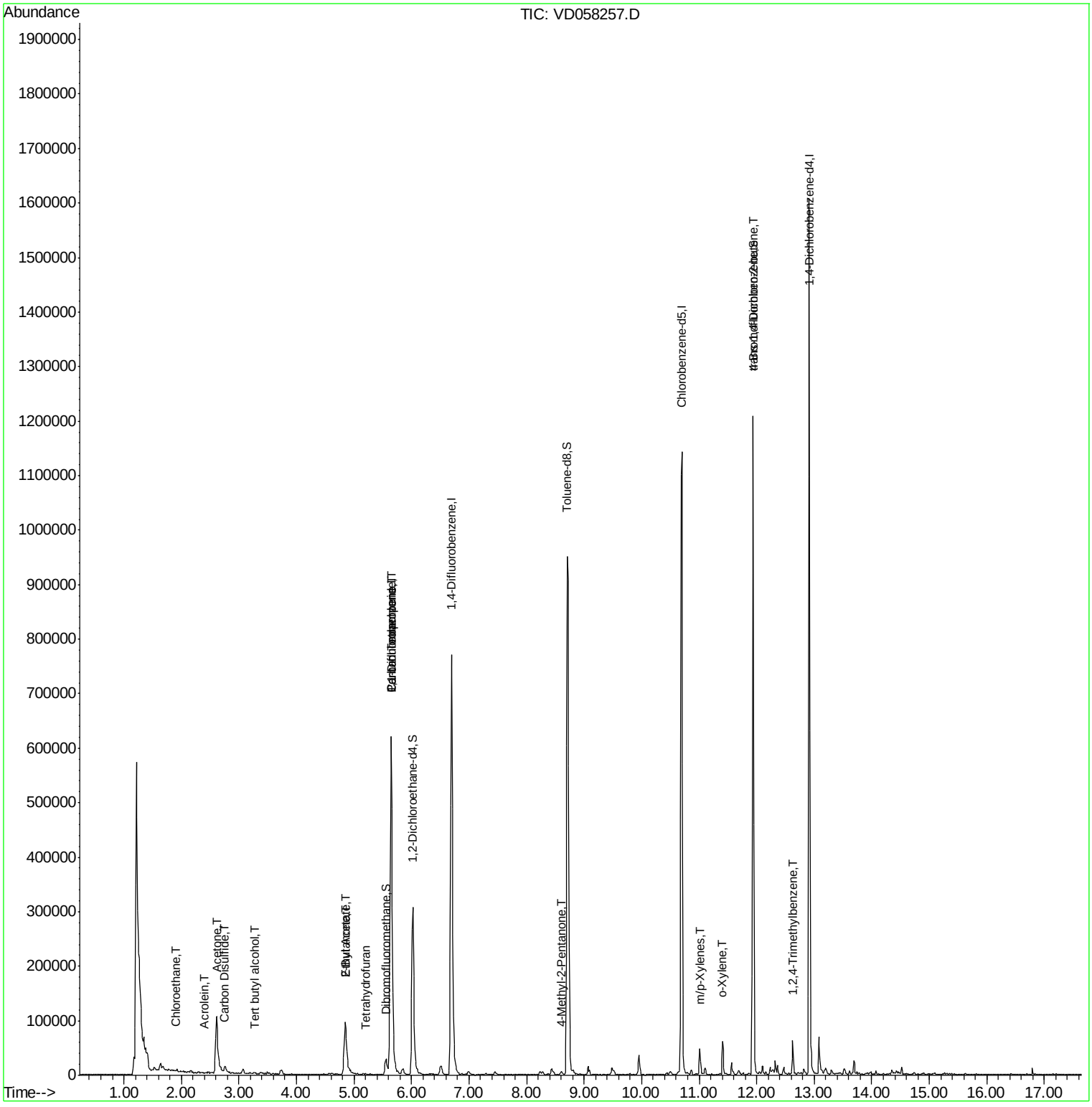
(#) = qualifier out of range (m) = manual integration (+) = signals summed

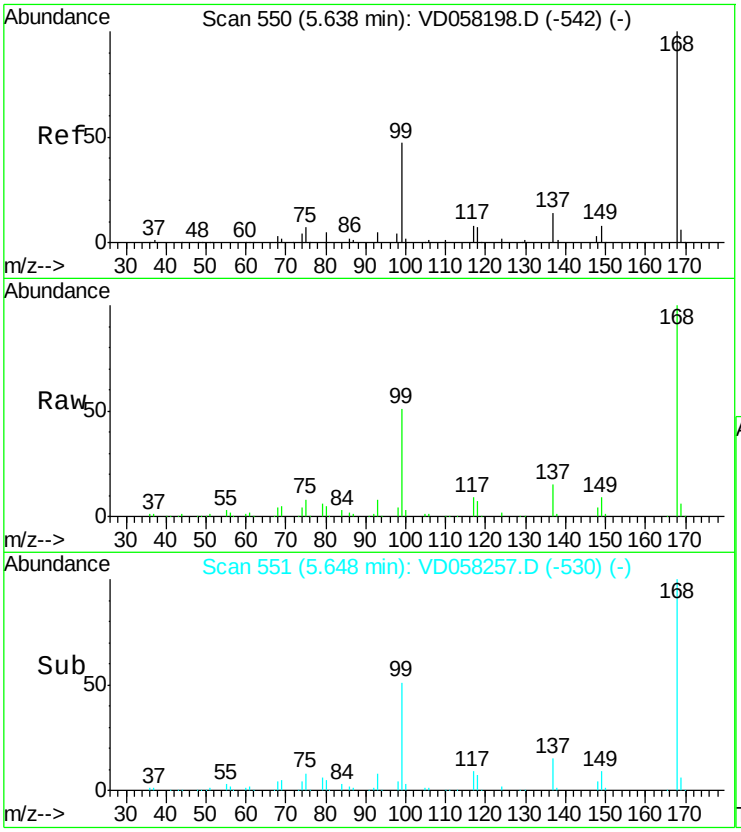
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
Data File : VD058257.D
Acq On : 21 Jun 2018 17:28
Operator : VA/AP
Sample : J3593-01
Misc : 7.45g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S39-9005

Quant Time: Jun 22 06:16:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration



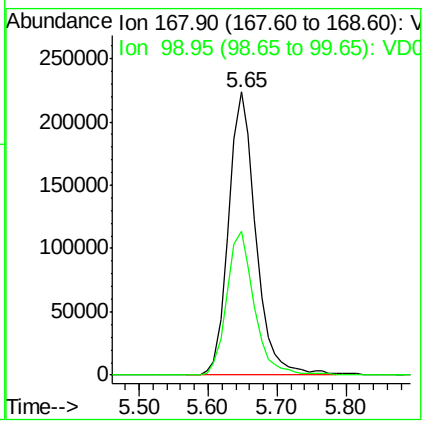


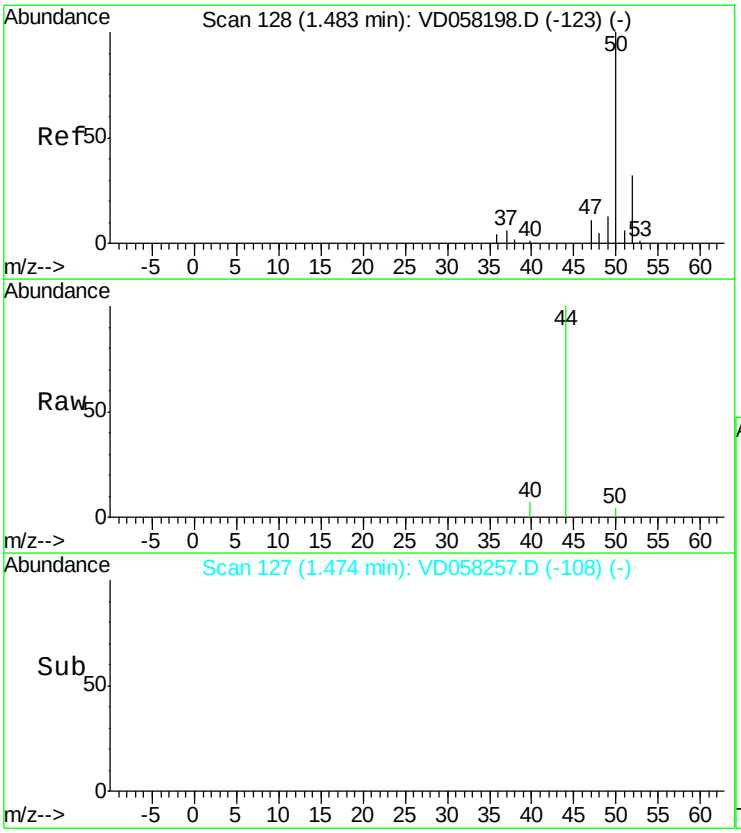
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 551
Delta R.T. 0.01 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Instrument :
MSVOA_D
ClientSampleId :
S39-9005

Tgt Ion:168 Resp: 612077

Ion	Ratio	Lower	Upper
168	100		
99	50.9	41.1	61.7

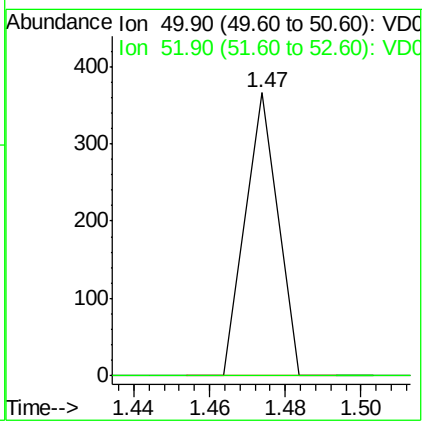


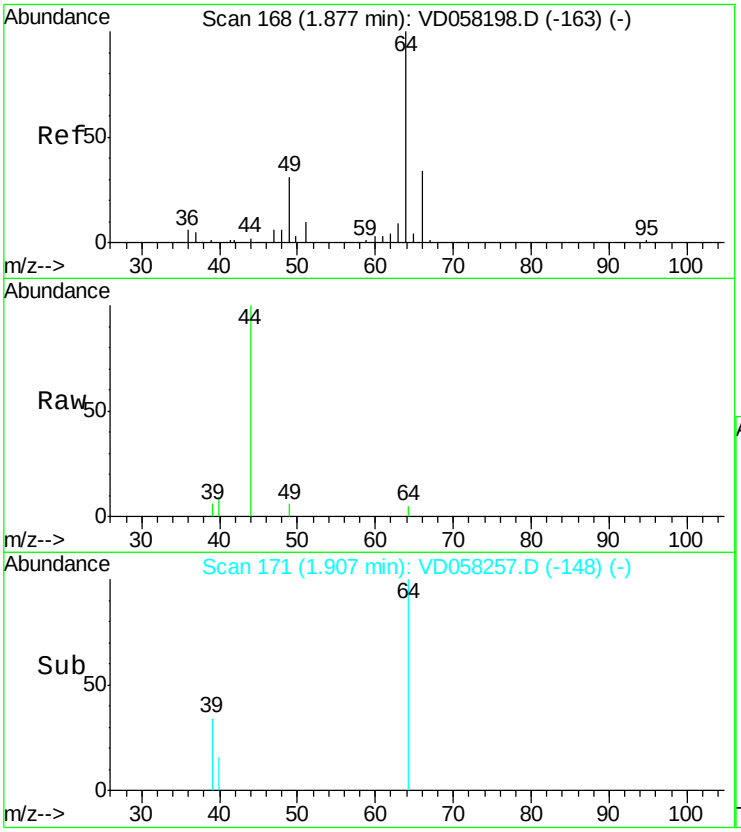


#3
Chloromethane
Concen: Below Cal
RT: 1.47 min Scan# 127
Delta R.T. -0.01 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Tgt Ion: 50 Resp: 216

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.0	37.4#



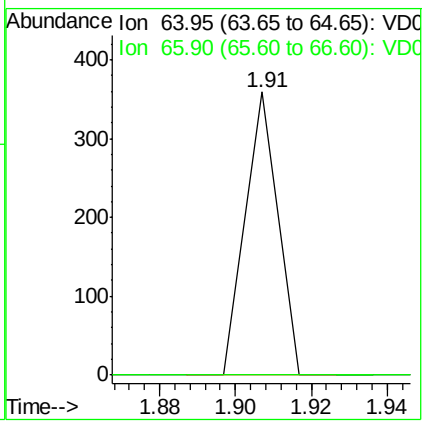


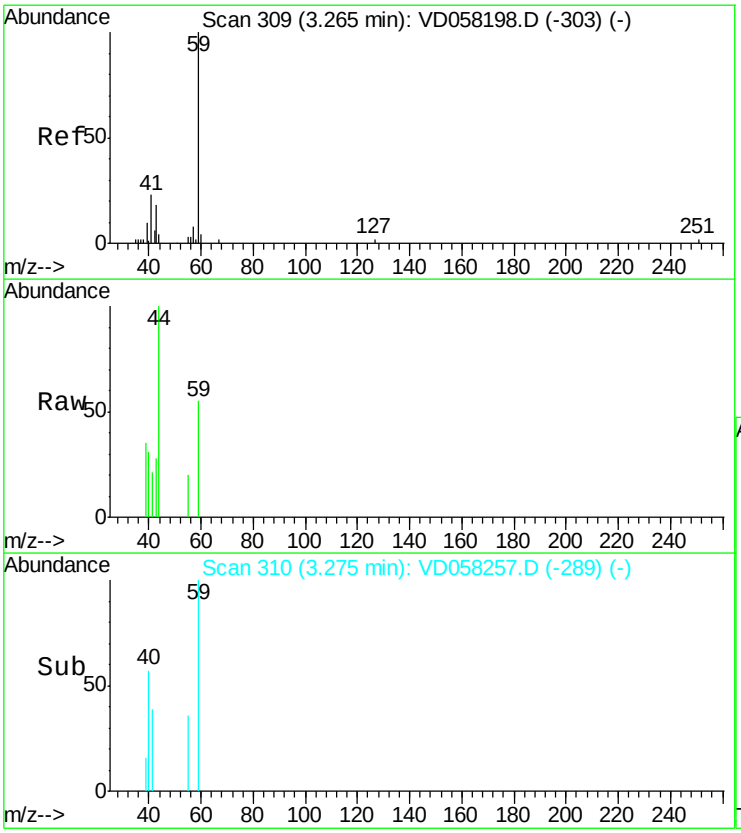
#6
Chloroethane
Concen: 1.559 ug/l
RT: 1.91 min Scan# 171
Delta R.T. 0.03 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Instrument :
MSVOA_D
ClientSampleId :
S39-9005

Tgt Ion: 64 Resp: 212

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.3	40.9#

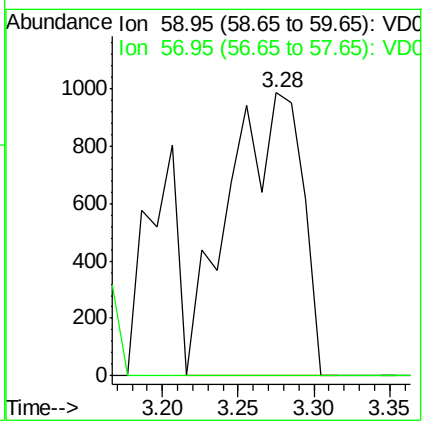


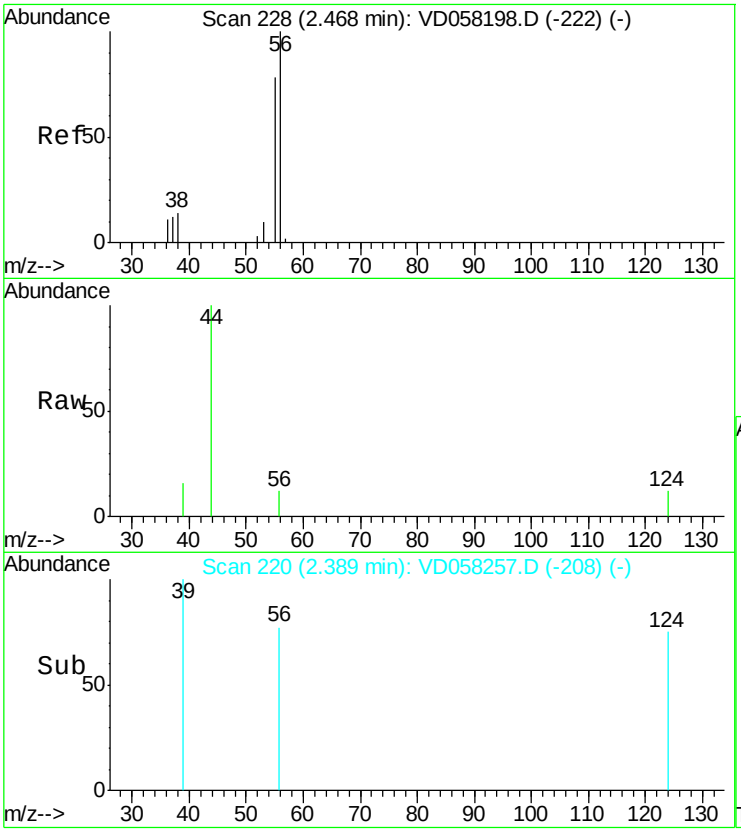


#11
Tert butyl alcohol
Concen: 16.267 ug/l
RT: 3.28 min Scan# 310
Delta R.T. 0.01 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Tgt Ion: 59 Resp: 3317

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.2	9.4#



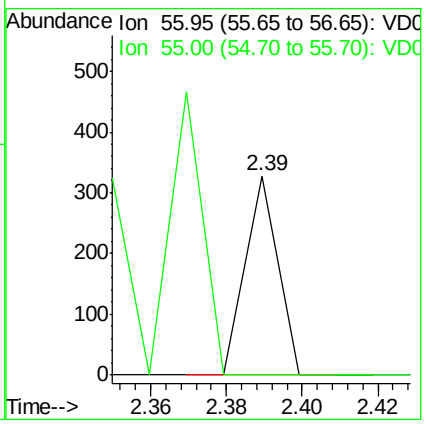


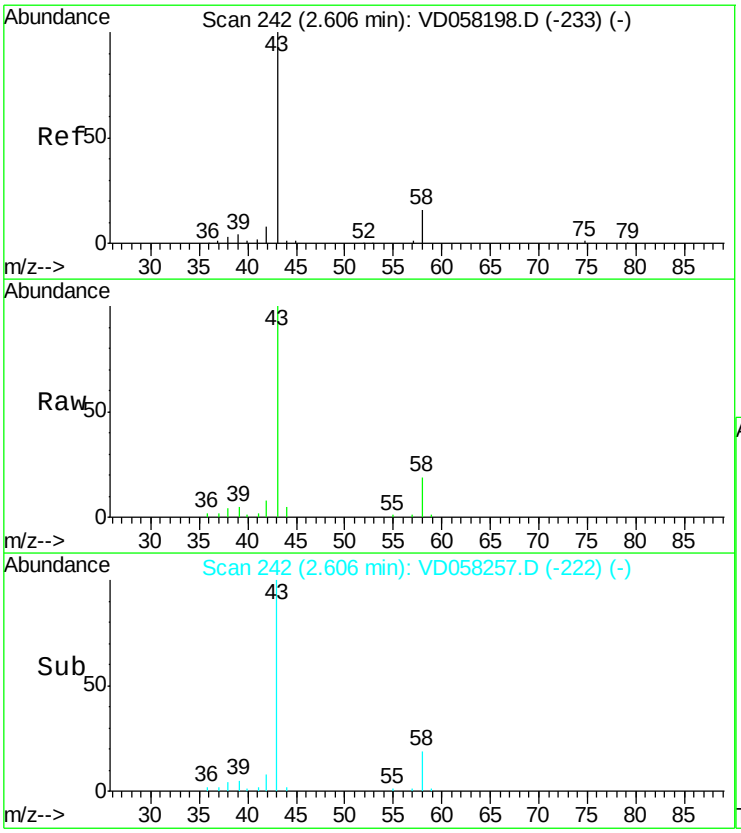
#13
Acrolein
Concen: 1.667 ug/l
RT: 2.39 min Scan# 220
Delta R.T. -0.08 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Instrument :
MSVOA_D
ClientSampleId :
S39-9005

Tgt Ion: 56 Resp: 194

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.1	93.1#

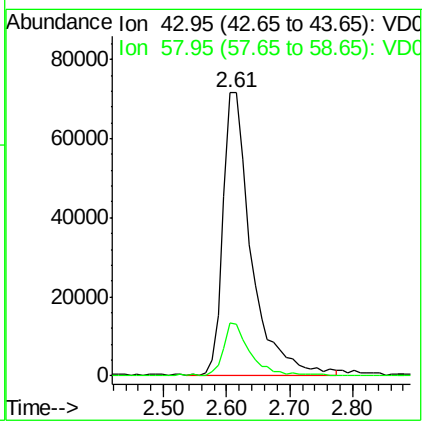


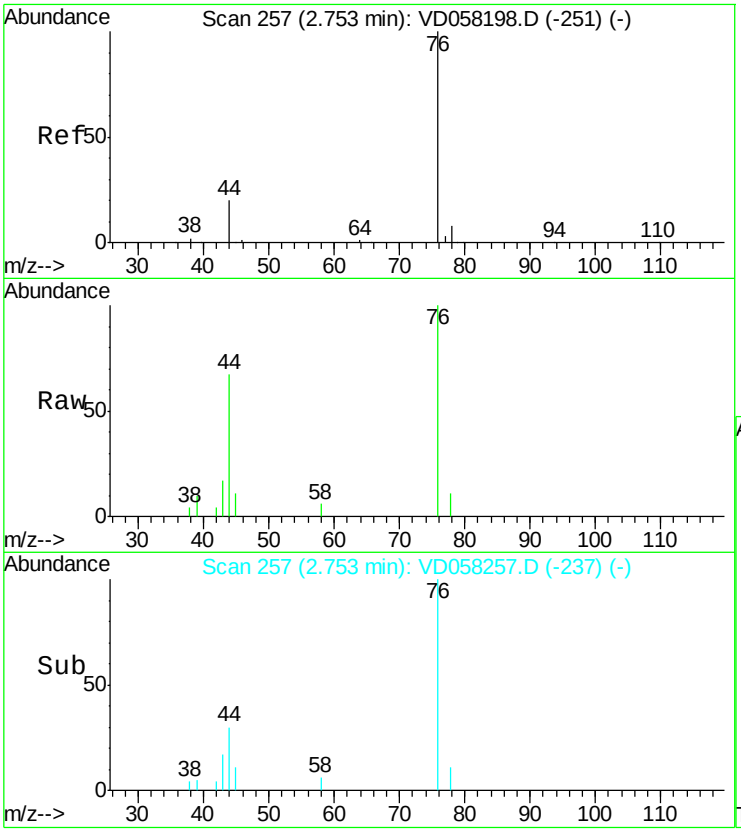


#16
Acetone
Concen: 265.461 ug/l
RT: 2.61 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Tgt Ion: 43 Resp: 224446

Ion	Ratio	Lower	Upper
43	100		
58	18.8	12.7	19.1



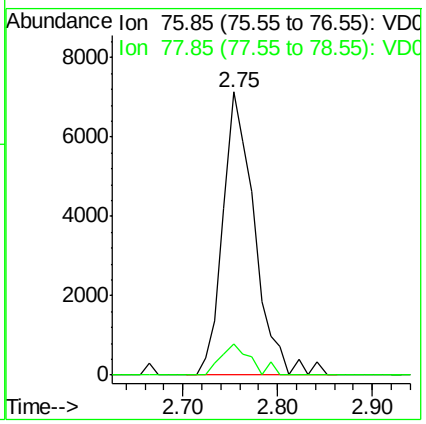


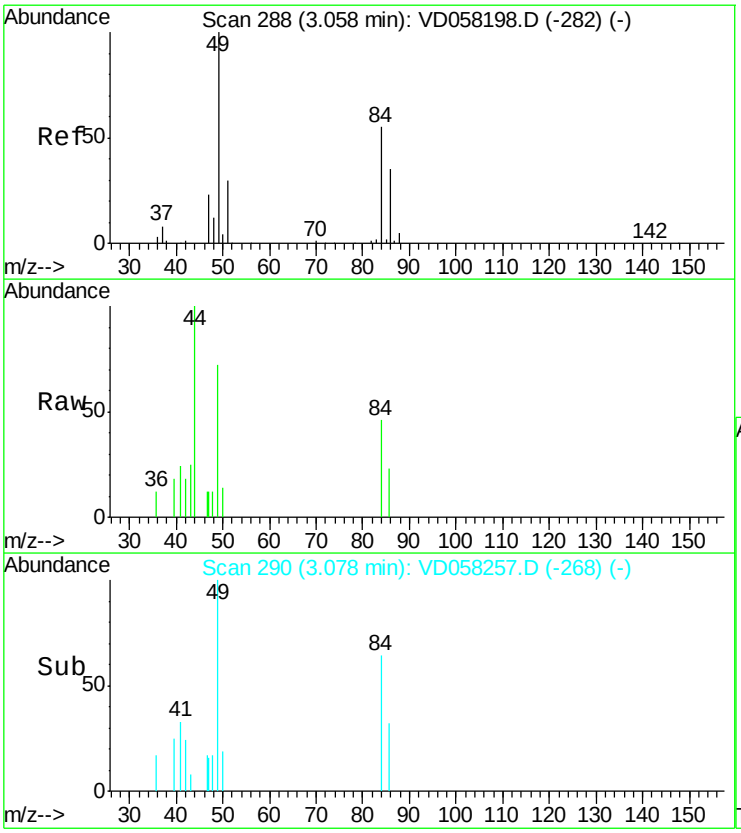
#17
Carbon Disulfide
Concen: 2.310 ug/l
RT: 2.75 min Scan# 257
Delta R.T. 0.00 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Instrument :
MSVOA_D
ClientSampleId :
S39-9005

Tgt Ion: 76 Resp: 16529

Ion	Ratio	Lower	Upper
76	100		
78	11.0	6.8	10.2#

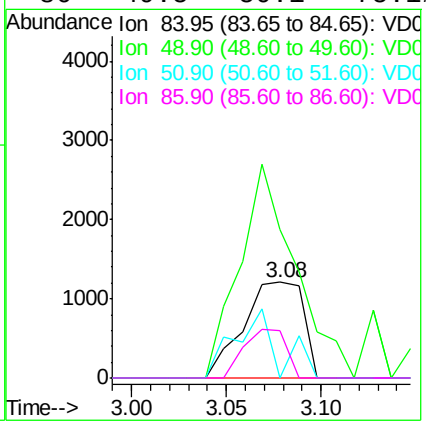


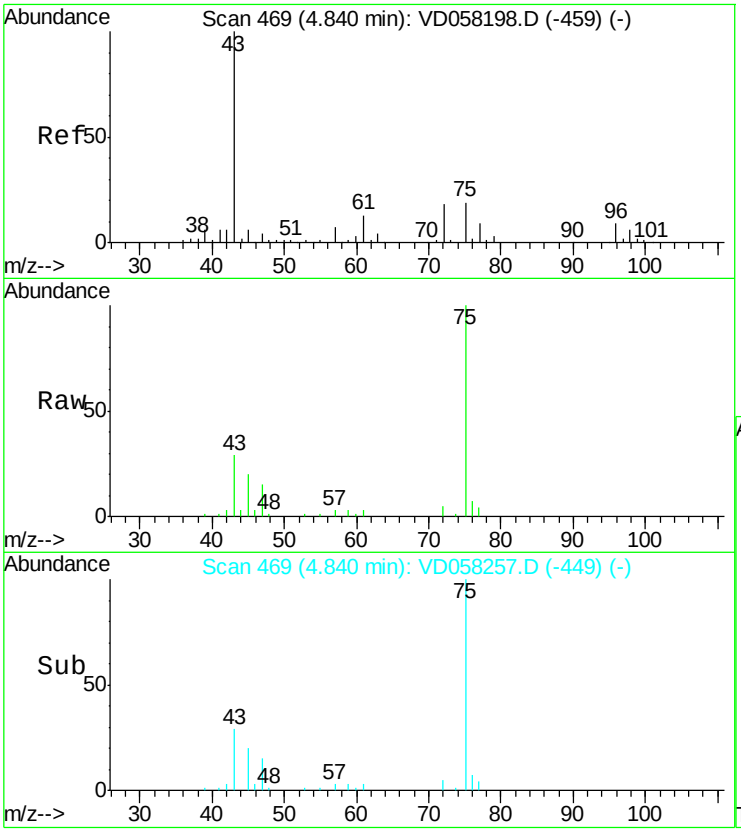


#20
Methylene Chloride
Concen: Below Cal
RT: 3.08 min Scan# 290
Delta R.T. 0.02 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Tgt Ion: 84 Resp: 2651

Ion	Ratio	Lower	Upper
84	100		
49	156.1	145.0	217.6
51	0.0	42.9	64.3#
86	49.5	50.1	75.1#



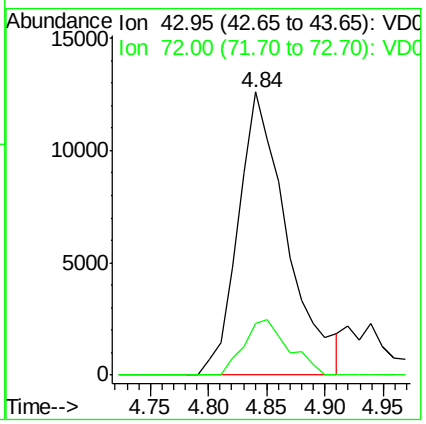


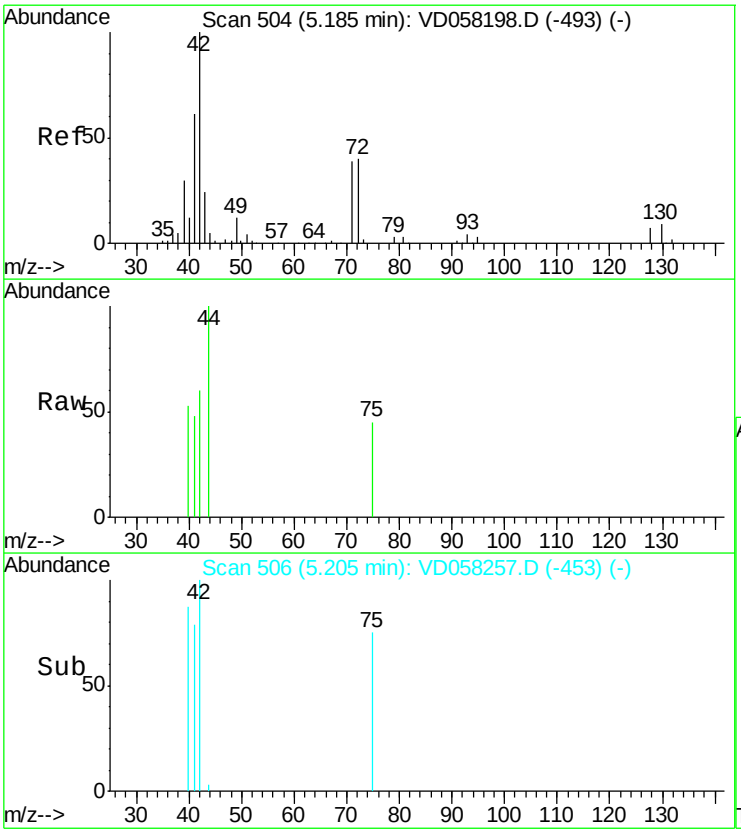
#25
2-Butanone
Concen: 19.909 ug/l
RT: 4.84 min Scan# 469
Delta R.T. 0.00 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Instrument : MSVOA_D
ClientSampleId : S39-9005

Tgt Ion: 43 Resp: 36687

Ion	Ratio	Lower	Upper
43	100		
72	18.5	14.1	21.1

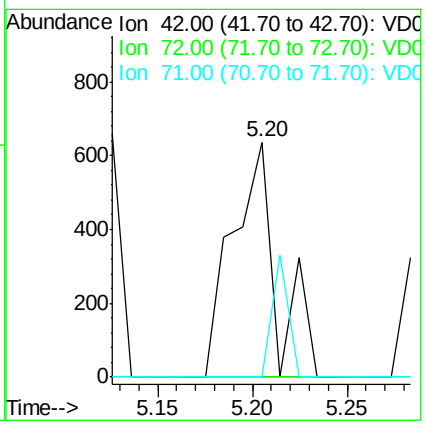


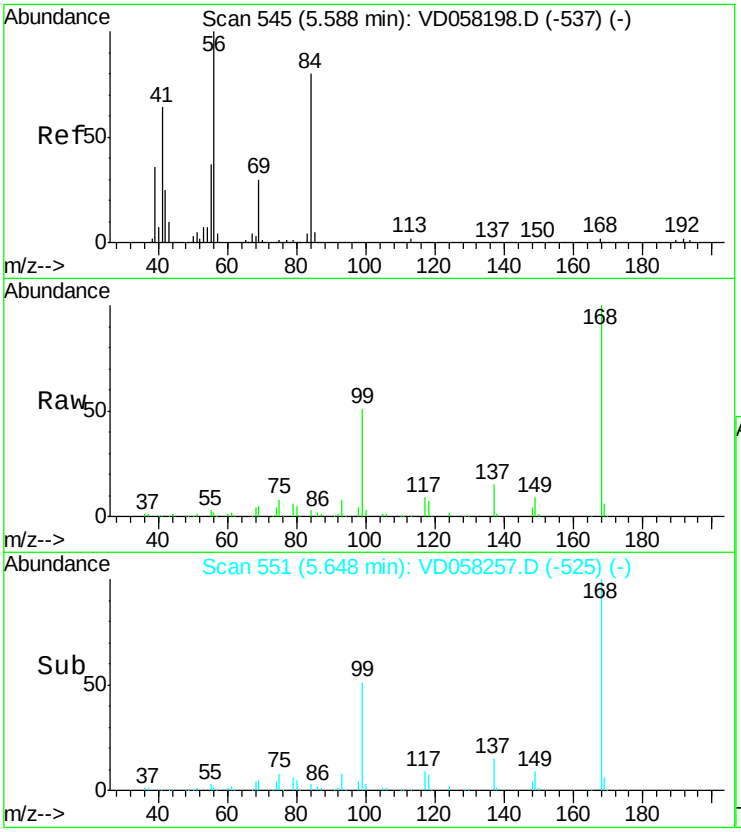


#29
Tetrahydrofuran
Concen: 1.052 ug/l
RT: 5.20 min Scan# 506
Delta R.T. 0.02 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Tgt Ion: 42 Resp: 1032

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.2	45.2#
71	18.9	30.1	45.1#



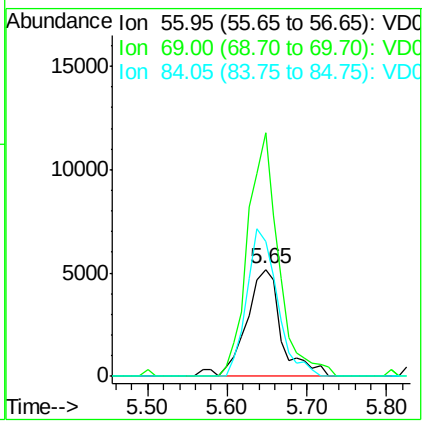


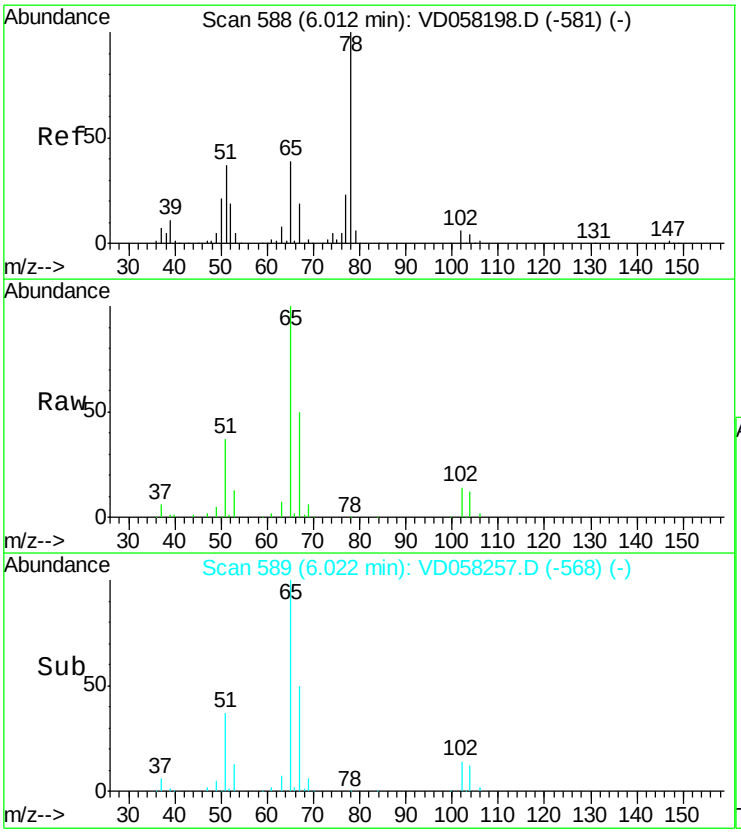
#31
Cyclohexane
Concen: Below Cal
RT: 5.65 min Scan# 551
Delta R.T. 0.06 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Instrument : MSVOA_D
ClientSampleId : S39-9005

Tgt Ion: 56 Resp: 15578

Ion	Ratio	Lower	Upper
56	100		
69	227.2	23.6	35.4#
84	125.9	65.2	97.8#

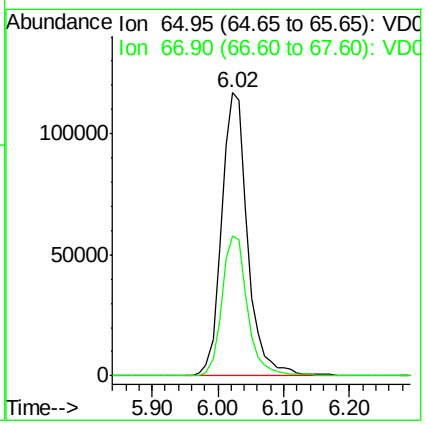


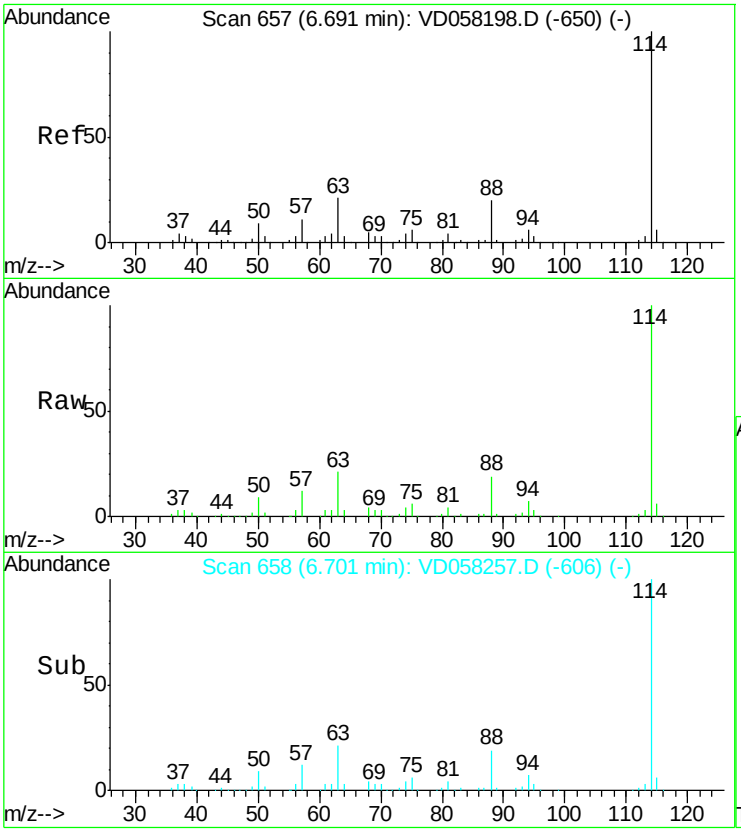


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.01 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Tgt Ion: 65 Resp: 322675

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	97.8



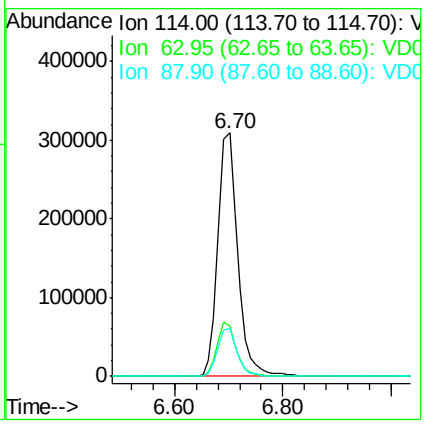


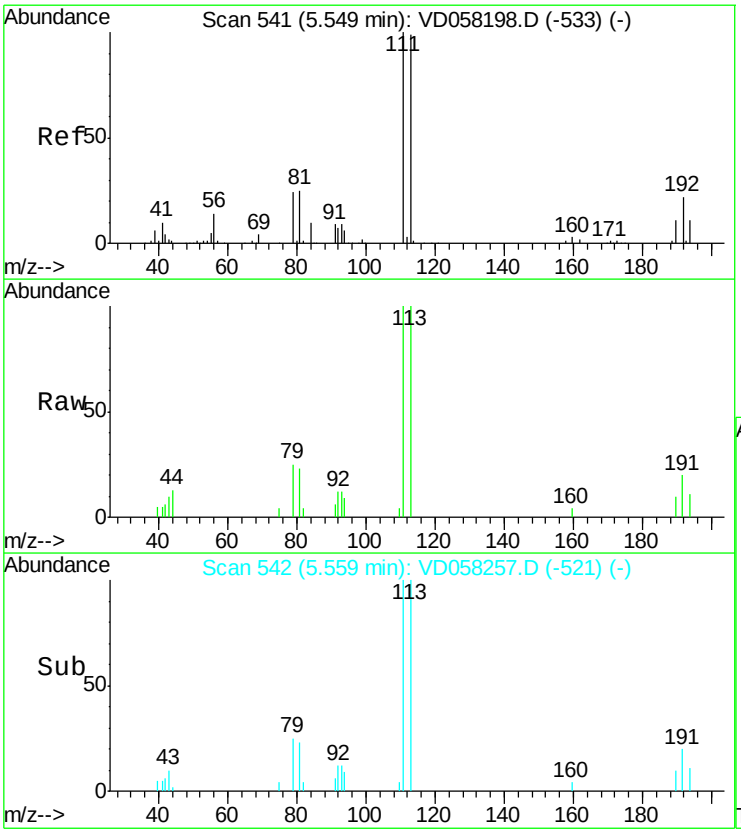
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.70 min Scan# 658
Delta R.T. 0.01 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Instrument :
MSVOA_D
ClientSampleId :
S39-9005

Tgt Ion:114 Resp: 786439

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.6
88	19.5	0.0	40.6

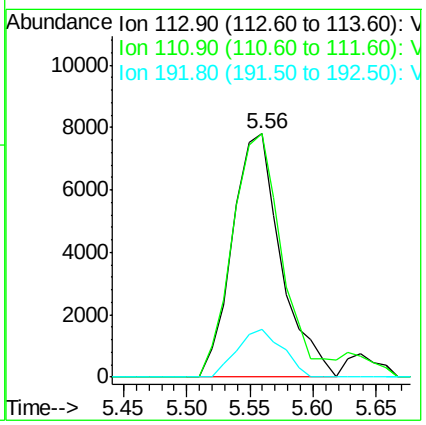


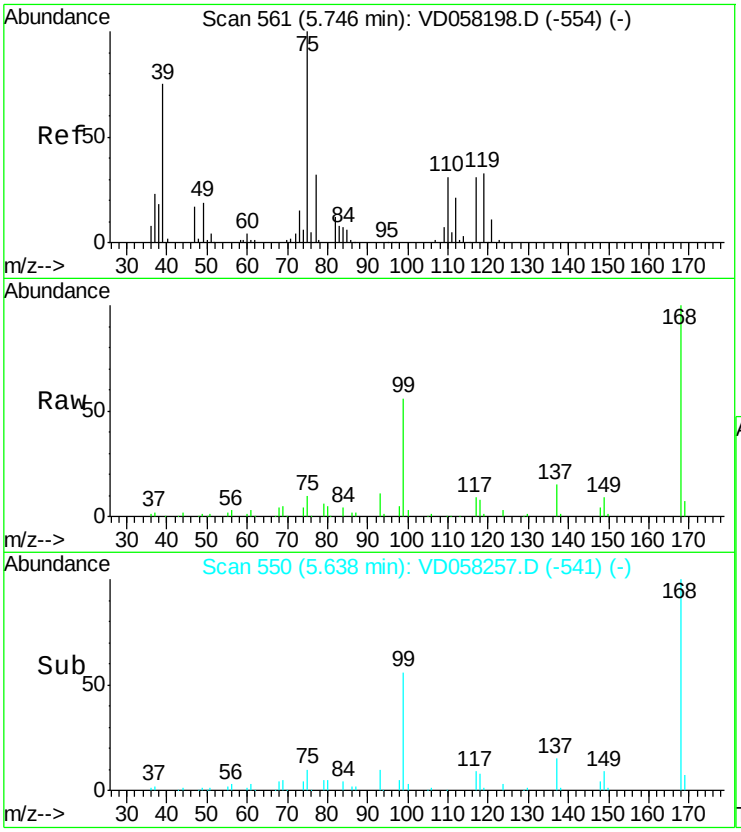


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.56 min Scan# 542
Delta R.T. 0.01 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Tgt Ion:113 Resp: 20816

Ion	Ratio	Lower	Upper
113	100		
111	99.8	80.6	121.0
192	19.6	17.8	26.6



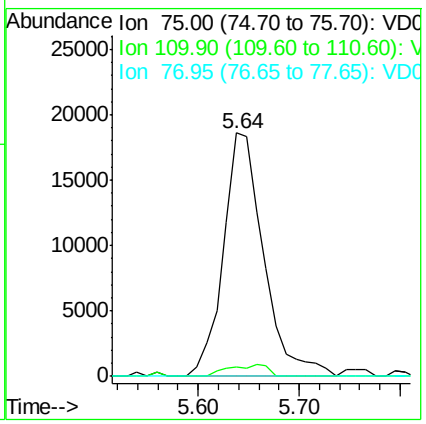


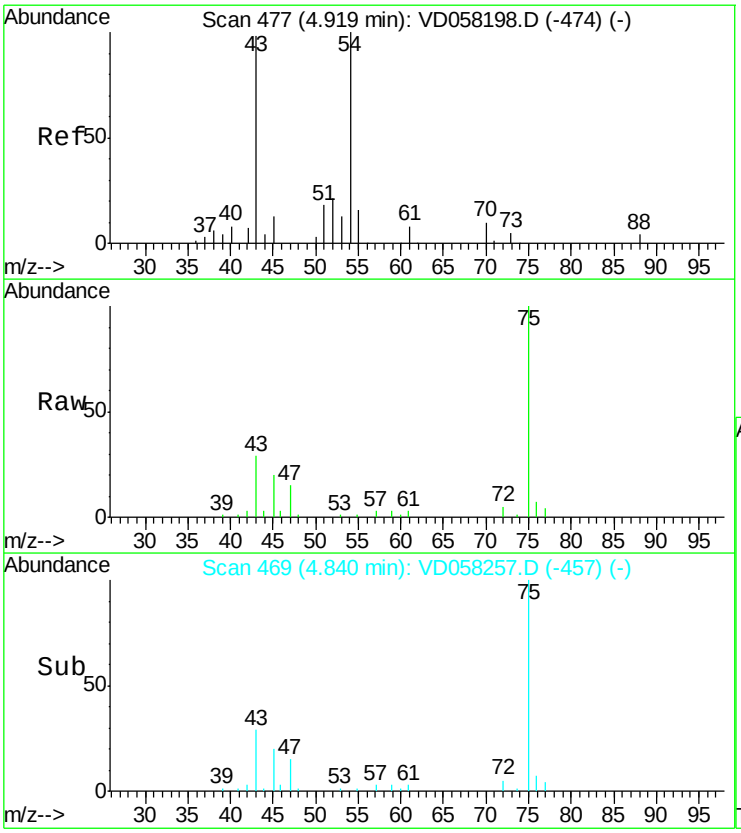
#36
1,1-Dichloropropene
Concen: 6.642 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.11 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Instrument :
MSVOA_D
ClientSampleId :
S39-9005

Tgt Ion: 75 Resp: 51676

Ion	Ratio	Lower	Upper
75	100		
110	3.9	15.4	46.4#
77	0.0	25.4	38.2#

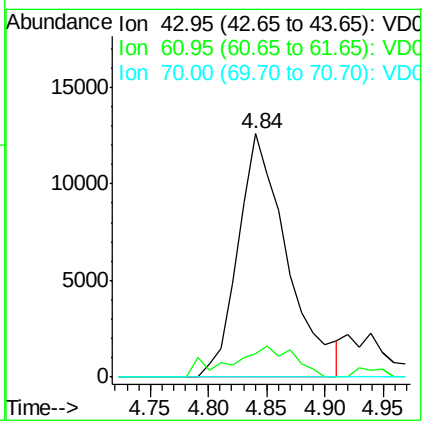


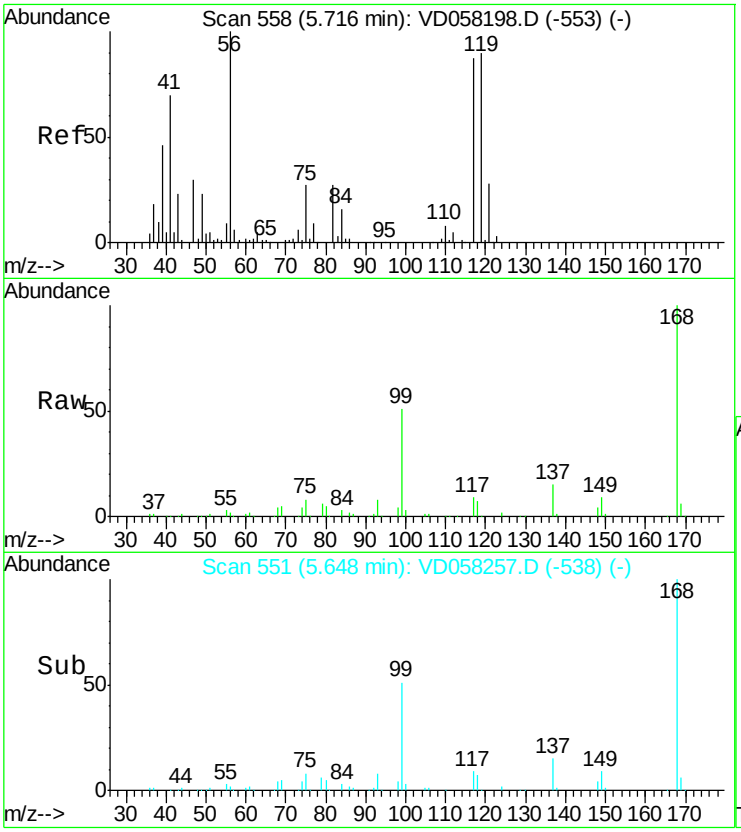


#37
Ethyl Acetate
Concen: 8.276 ug/l
RT: 4.84 min Scan# 469
Delta R.T. -0.08 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Tgt Ion: 43 Resp: 36687

Ion	Ratio	Lower	Upper
43	100		
61	9.5	10.3	15.5#
70	0.0	5.7	8.5#



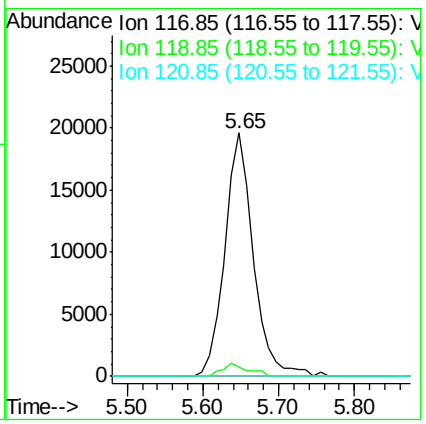


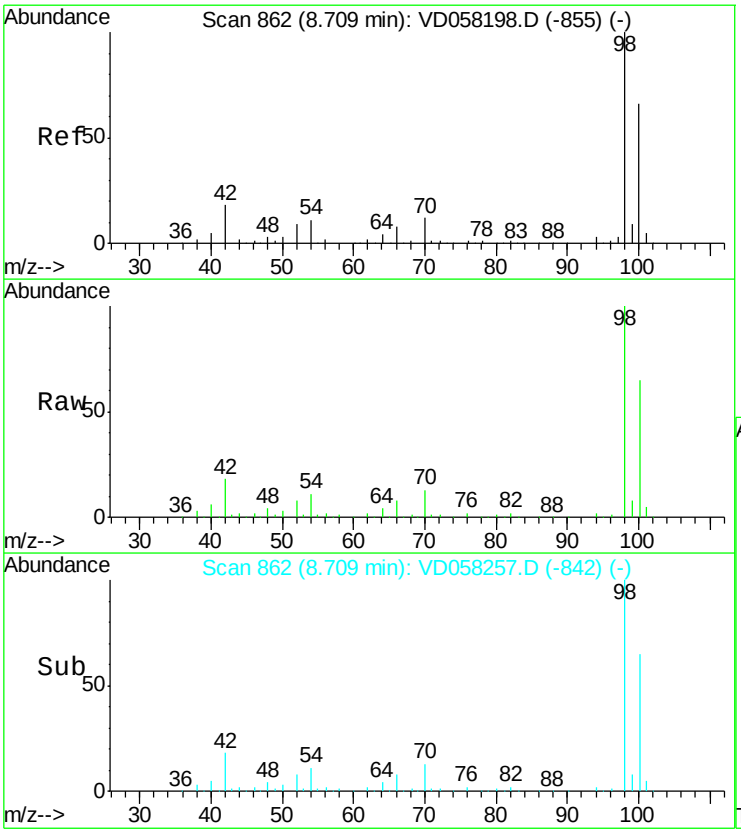
#38
Carbon Tetrachloride
Concen: 6.602 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.07 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Instrument : MSVOA_D
ClientSampleId : S39-9005

Tgt Ion:117 Resp: 51038

Ion	Ratio	Lower	Upper
117	100		
119	4.0	78.8	118.2#
121	0.0	25.0	37.6#

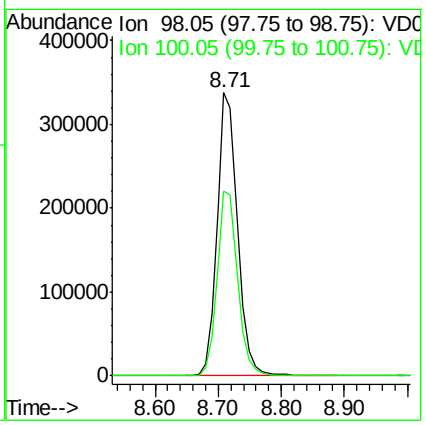


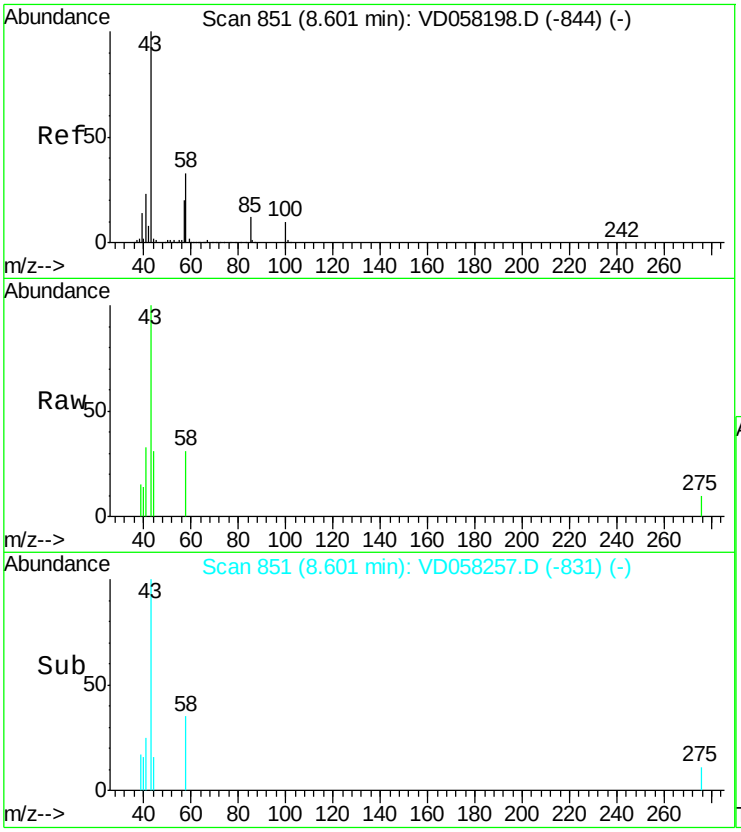


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.00 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Tgt Ion: 98 Resp: 767542

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.6	80.4



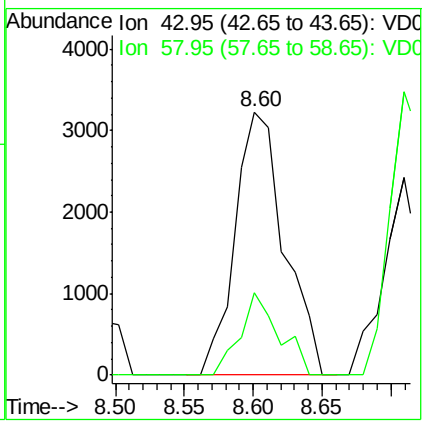


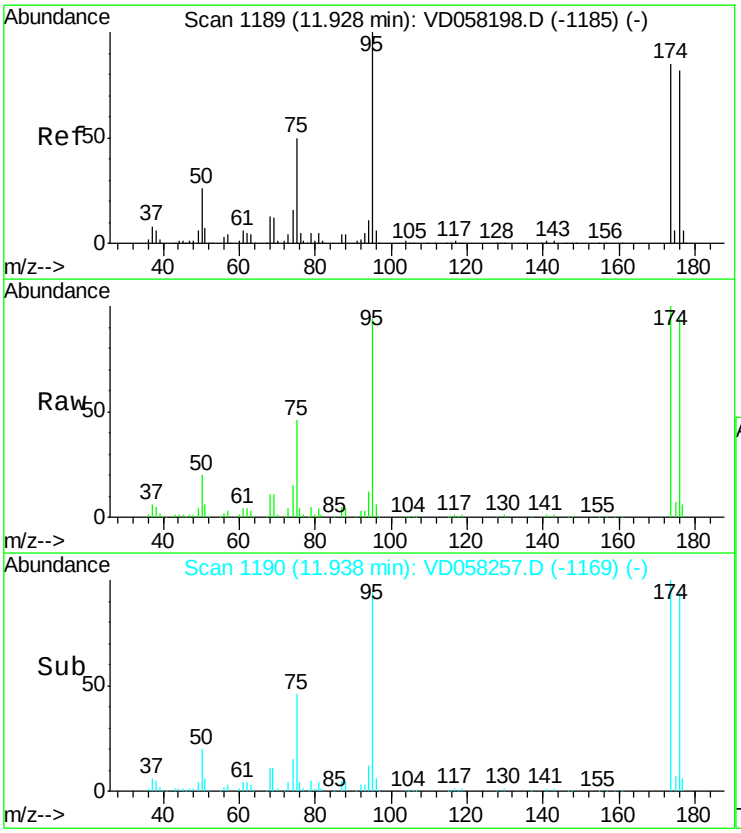
#51
4-Methyl-2-Pentanone
Concen: 2.083 ug/l
RT: 8.60 min Scan# 851
Delta R.T. 0.00 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Instrument :
MSVOA_D
ClientSampleId :
S39-9005

Tgt Ion: 43 Resp: 8030

Ion	Ratio	Lower	Upper
43	100		
58	31.4	26.7	40.1

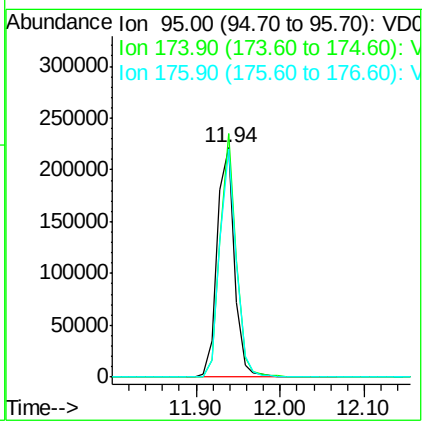


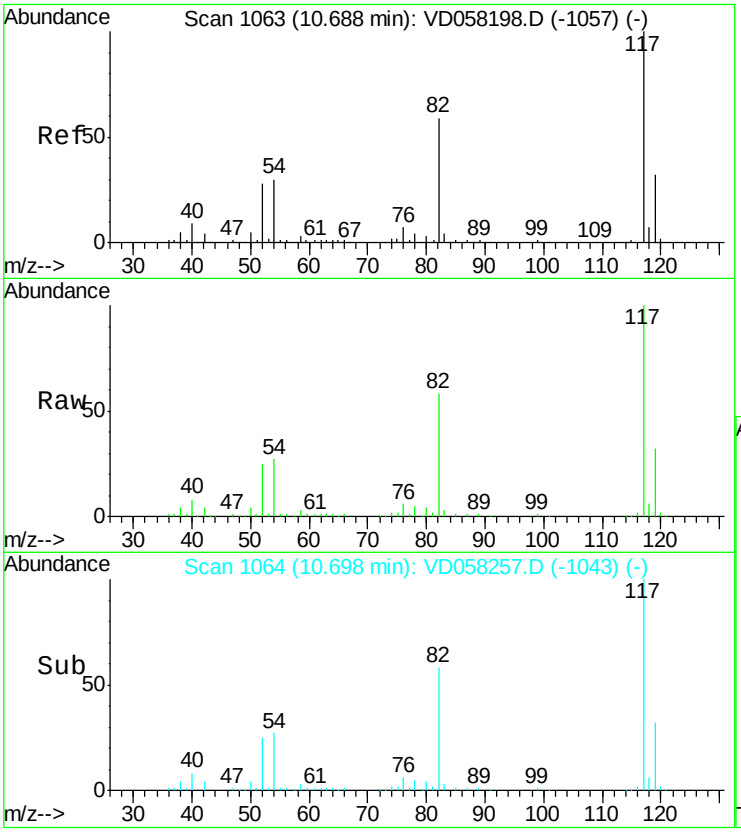


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Tgt Ion: 95 Resp: 315481

Ion	Ratio	Lower	Upper
95	100		
174	106.2	0.0	170.2
176	99.6	0.0	164.6



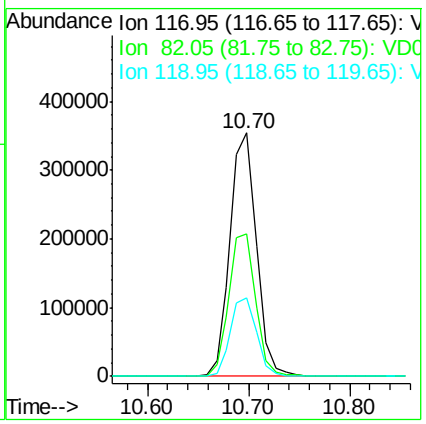


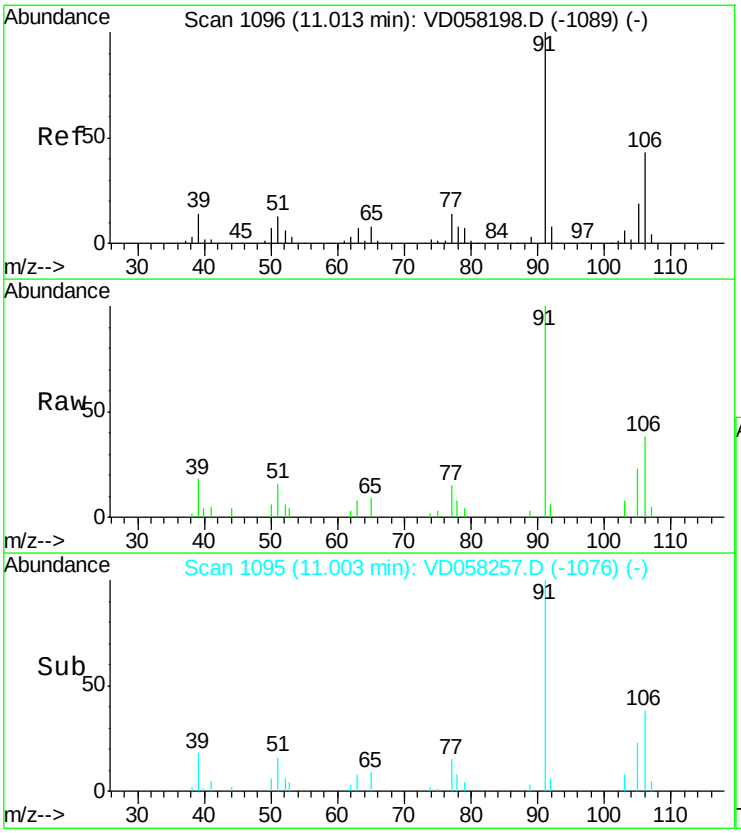
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Instrument : MSVOA_D
ClientSampleId : S39-9005

Tgt Ion:117 Resp: 646706

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.0	70.6
119	32.3	25.3	37.9

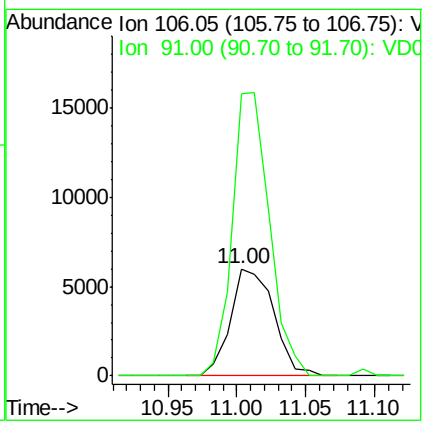


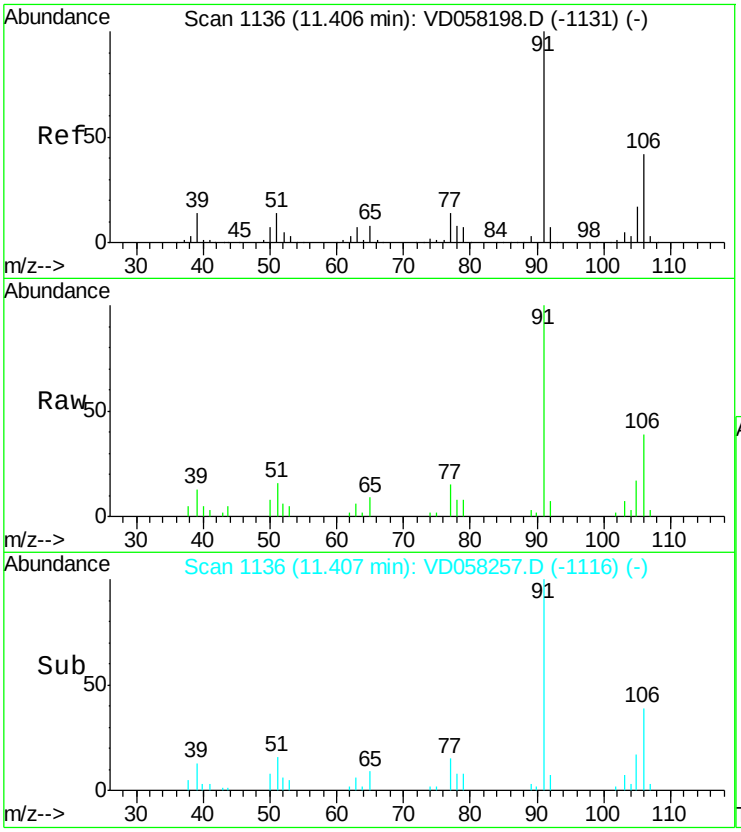


#68
m/p-Xylenes
Concen: 1.838 ug/l
RT: 11.00 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Tgt Ion:106 Resp: 13088

Ion	Ratio	Lower	Upper
106	100		
91	263.1	185.0	277.6



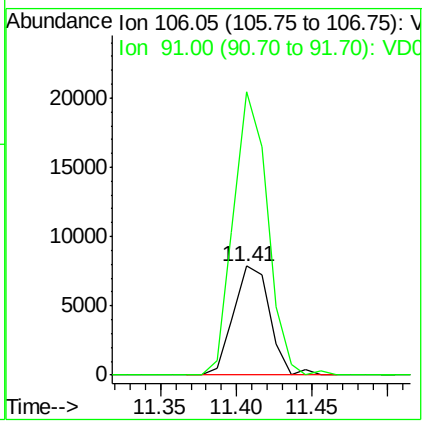


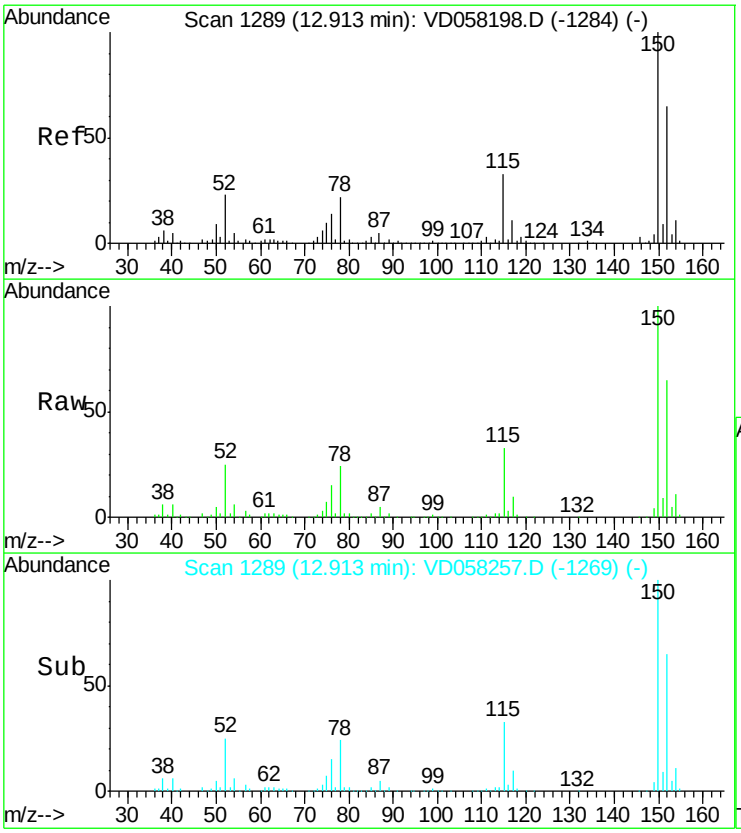
#69
o-Xylene
Concen: 1.931 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Instrument :
MSVOA_D
ClientSampleId :
S39-9005

Tgt Ion:106 Resp: 13134

Ion	Ratio	Lower	Upper
106	100		
91	259.7	120.2	360.6

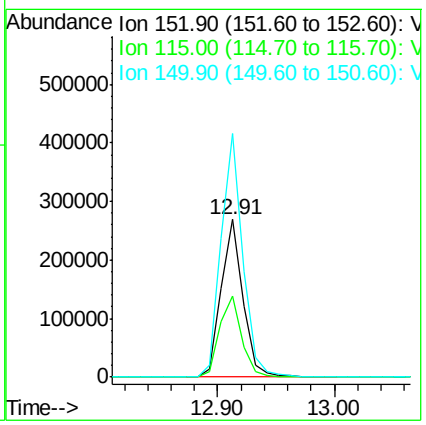


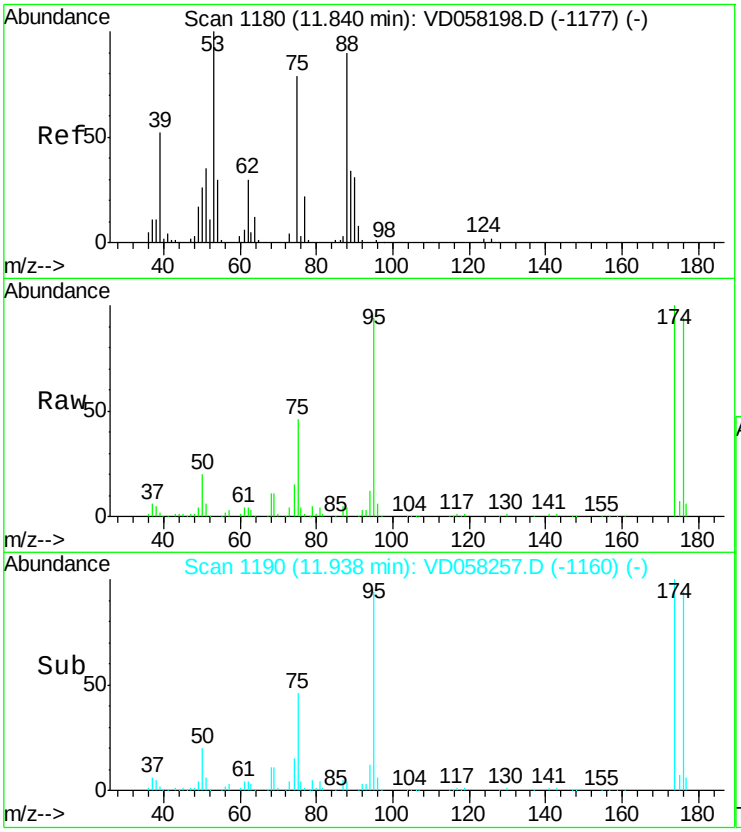


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Tgt Ion:152 Resp: 348409

Ion	Ratio	Lower	Upper
152	100		
115	51.2	25.1	75.3
150	154.7	0.0	308.8



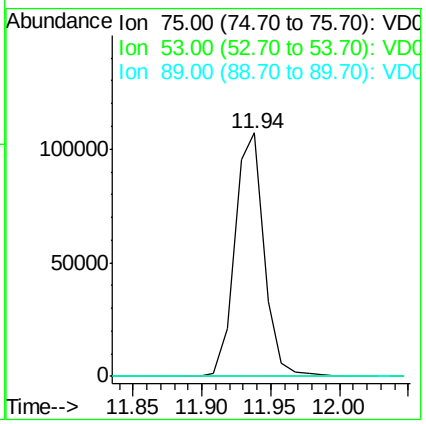


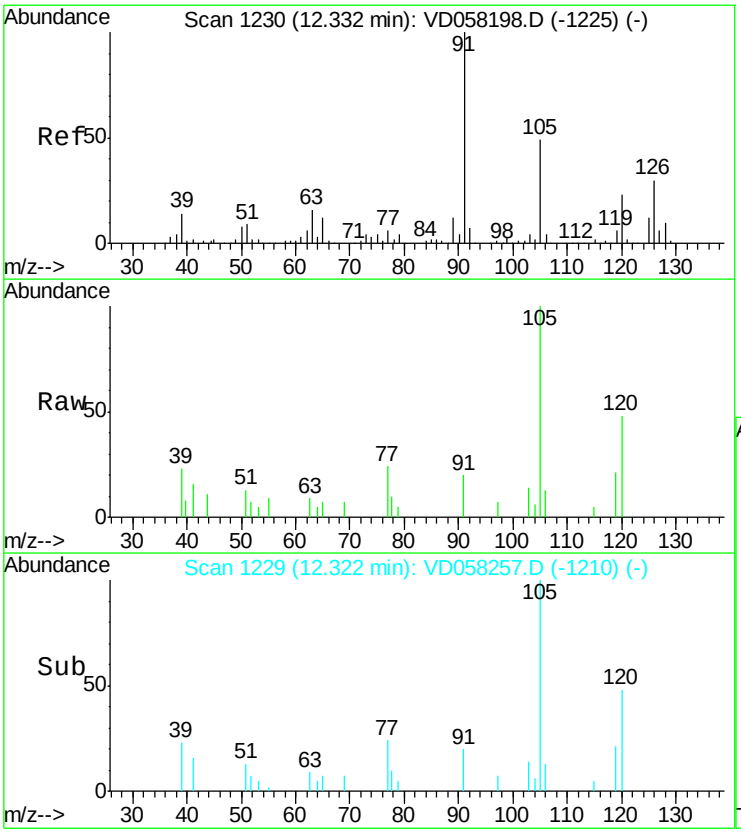
#81
trans-1,4-Dichloro-2-butene
Concen: 127.274 ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.10 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Instrument :
MSVOA_D
ClientSampleId :
S39-9005

Tgt Ion: 75 Resp: 157903

Ion	Ratio	Lower	Upper
75	100		
53	0.0	100.8	151.2#
89	0.0	34.6	52.0#

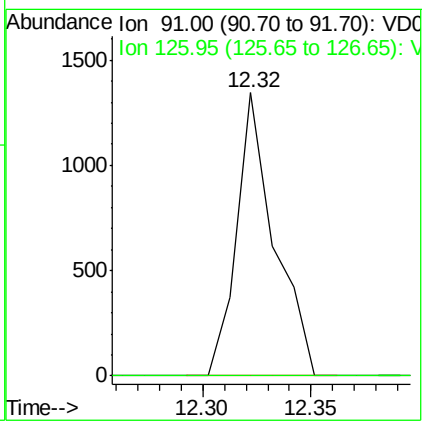


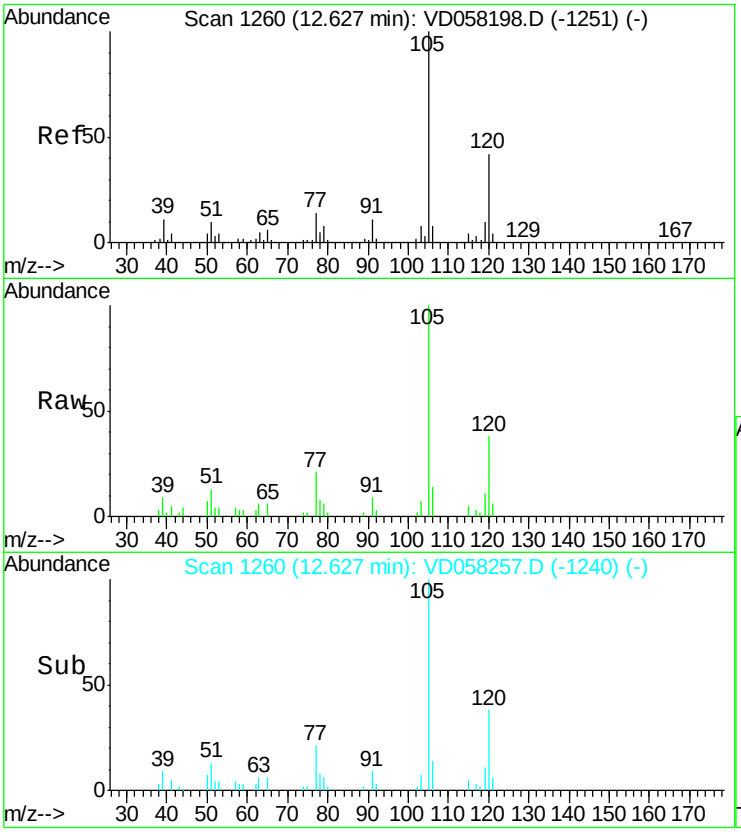


#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Tgt Ion: 91 Resp: 1626

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.9	44.9#





#84
1,2,4-Trimethylbenzene
Concen: 1.428 ug/l
RT: 12.63 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VD058257.D
Acq: 21 Jun 2018 17:28

Instrument :
MSVOA_D
ClientSampleId :
S39-9005

Tgt Ion:105 Resp: 25238

Ion	Ratio	Lower	Upper
105	100		
120	38.0	20.8	62.4