Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061518\
Data File : VD058173.D
Acq On : 16 Jun 2018 1:07
Operator : VA/AP
Sample : J3500-02RE
Misc : 5.53g/5ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jun 16 01:40:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	30022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	48901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	49583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	32314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	42320	141.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 282.00%			
35) Dibromofluoromethane	5.54	113	32136	84.94	ug/l	-0.02
Spiked Amount 50.000			Recovery = 169.88%			
50) Toluene-d8	8.71	98	70149	77.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 155.96%			
62) 4-Bromofluorobenzene	11.93	95	33491	85.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 170.70%			
Target Compounds						Qvalue
5) Bromomethane	1.84	94	405	5.380	ug/l #	3
11) Tert butyl alcohol	3.15	59	212	26.367	ug/l #	74
13) Acrolein	2.31	56	181	15.719	ug/l #	16
15) Acrylonitrile	3.23	53	218	4.635	ug/l #	15
16) Acetone	2.60	43	4290	99.207	ug/l #	57
18) Methyl Acetate	2.93	43	260	3.108	ug/l #	66
20) Methylene Chloride	3.08	84	1681	10.105	ug/l #	57
25) 2-Butanone	4.90	43	198	2.015	ug/l #	64
29) Tetrahydrofuran	5.19	42	286	5.552	ug/l #	39
36) 1,1-Dichloropropene	5.63	75	2785	5.169	ug/l #	45
38) Carbon Tetrachloride	5.64	117	2598	4.893	ug/l #	12
41) Methacrylonitrile	5.26	41	180	1.339	ug/l #	32
59) 2-Hexanone	9.70	43	182	1.006	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.93	75	16874	140.351	ug/l #	6
82) 4-Chlorotoluene	12.32	91	187	Below Cal	#	50
95) Naphthalene	14.52	128	3166	3.035	ug/l #	70

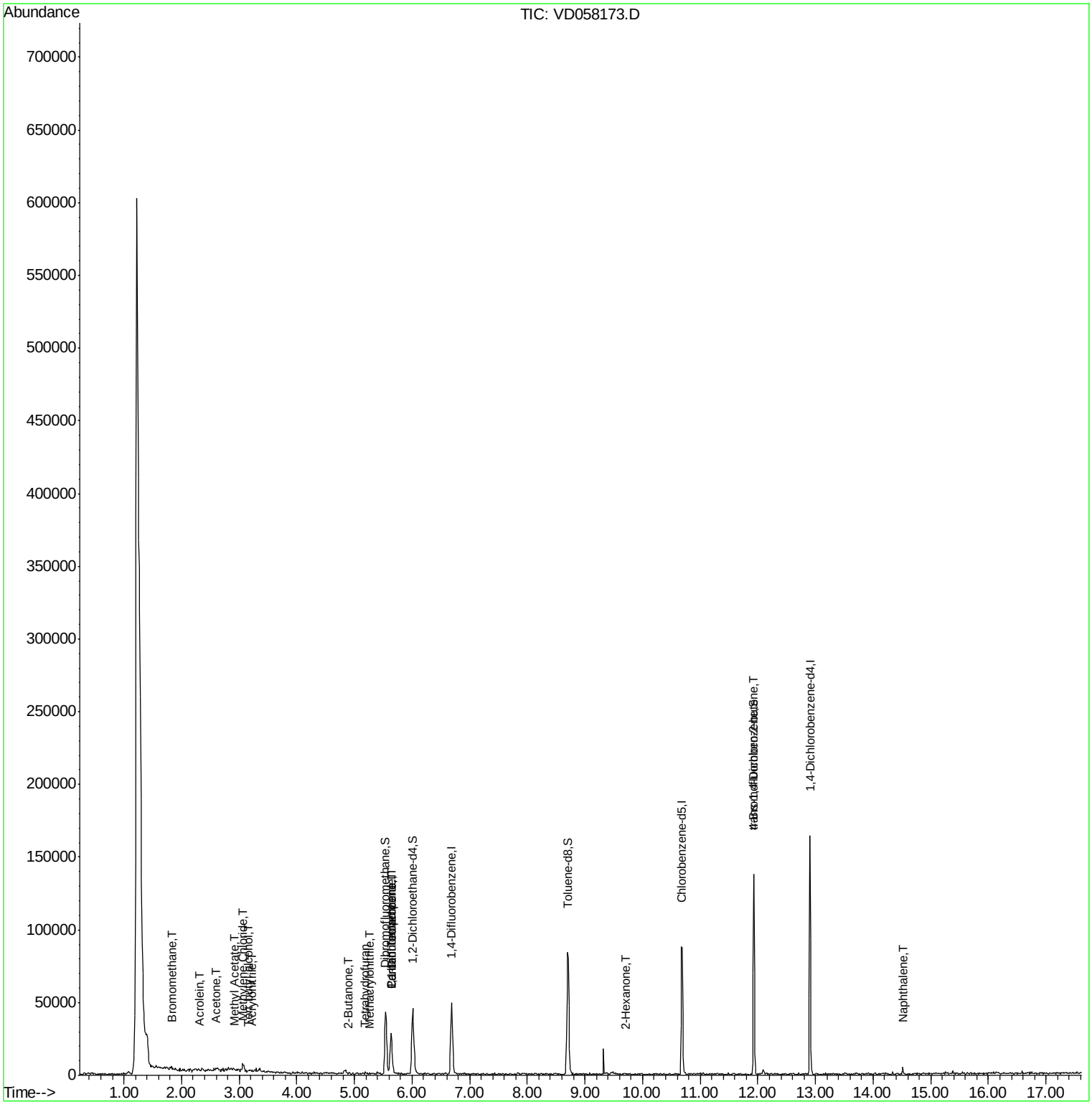
(#) = qualifier out of range (m) = manual integration (+) = signals summed

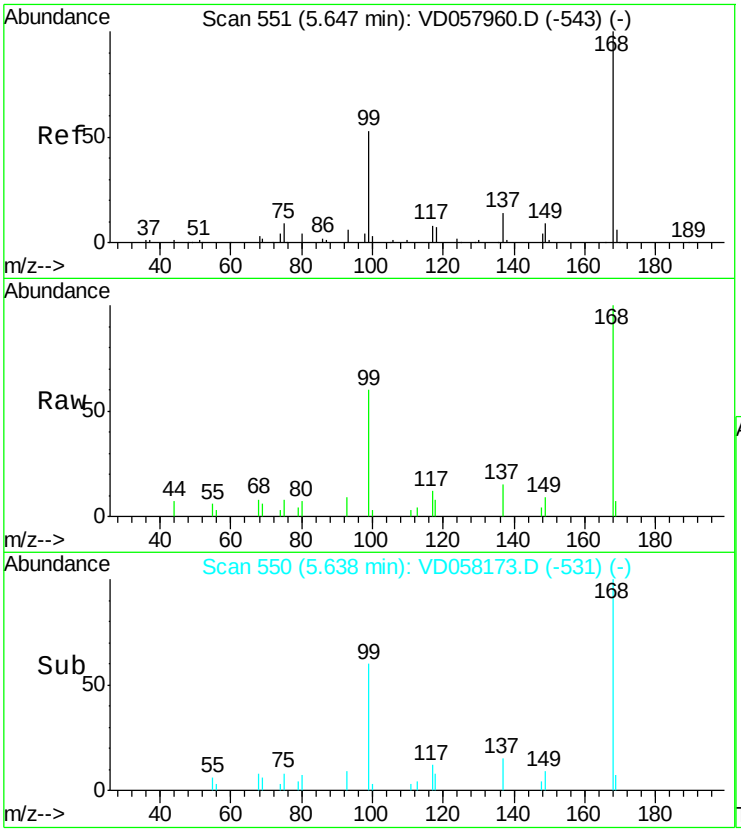
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
Data File : VD058173.D
Acq On : 16 Jun 2018 1:07
Operator : VA/AP
Sample : J3500-02RE
Misc : 5.53g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 16 01:40:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration



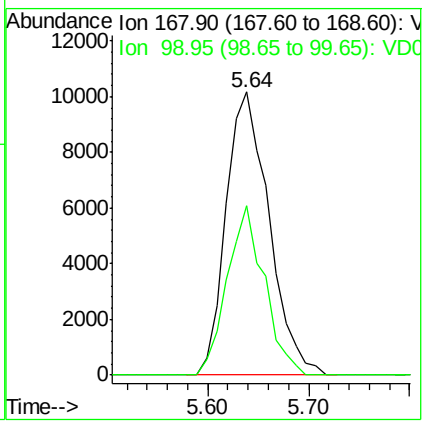


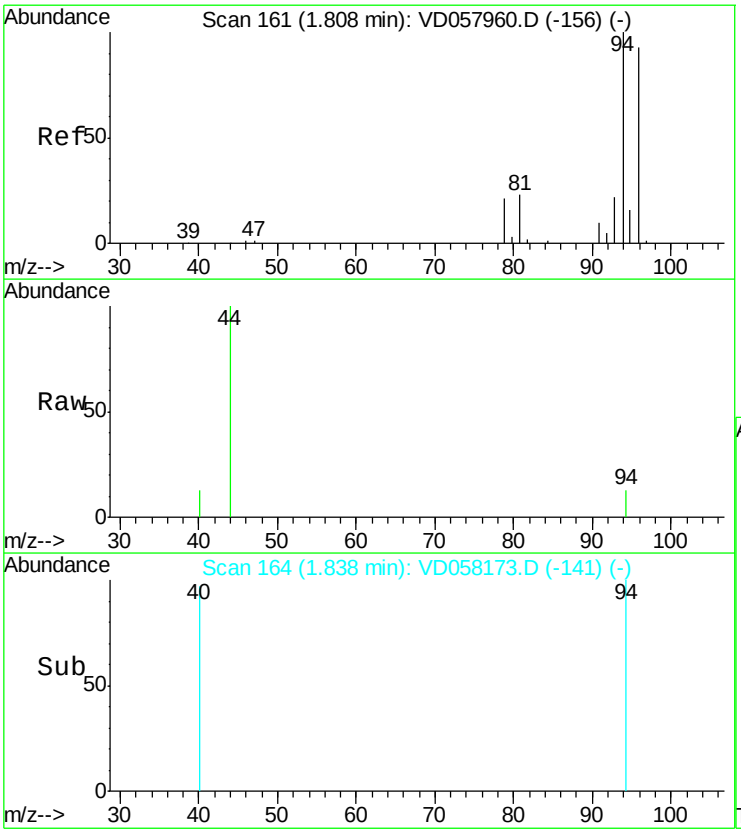
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.01 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 30022

Ion	Ratio	Lower	Upper
168	100		
99	59.9	46.8	70.2

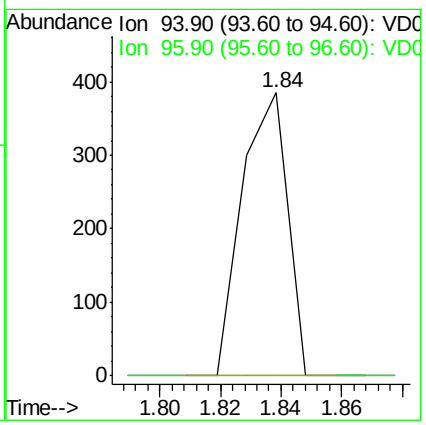


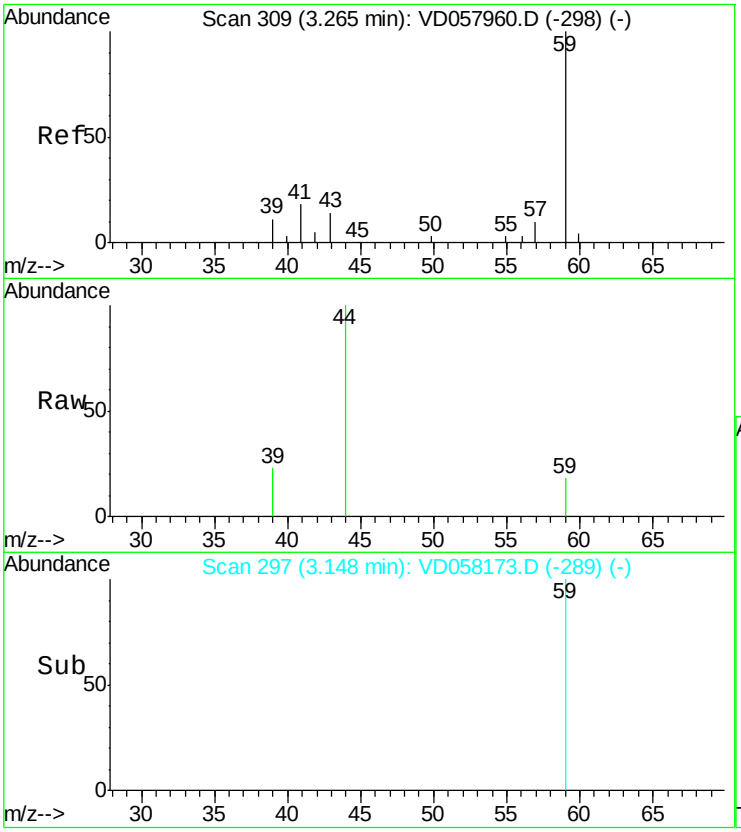


#5
Bromomethane
Concen: 5.380 ug/l
RT: 1.84 min Scan# 164
Delta R.T. 0.03 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Tgt Ion: 94 Resp: 405

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.3	111.5#



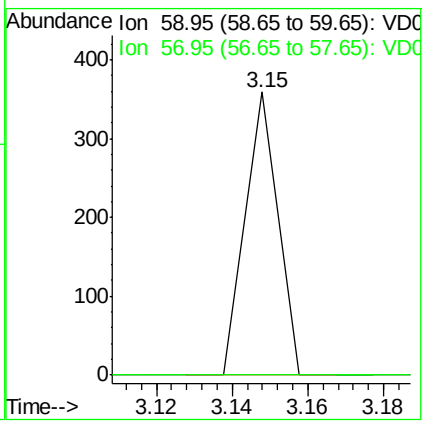


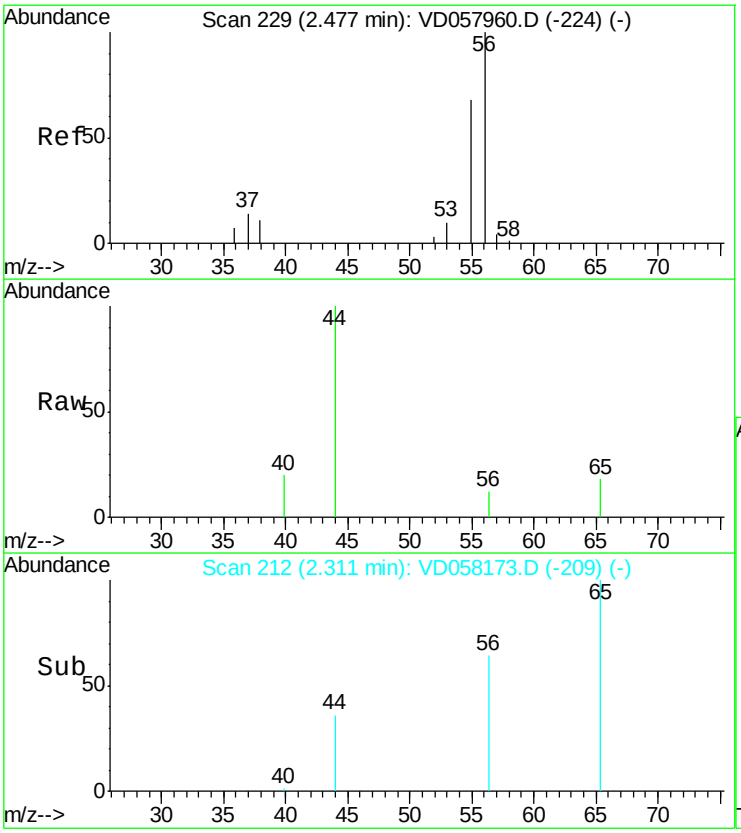
#11
Tert butyl alcohol
Concen: 26.367 ug/l
RT: 3.15 min Scan# 297
Delta R.T. -0.12 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 212

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

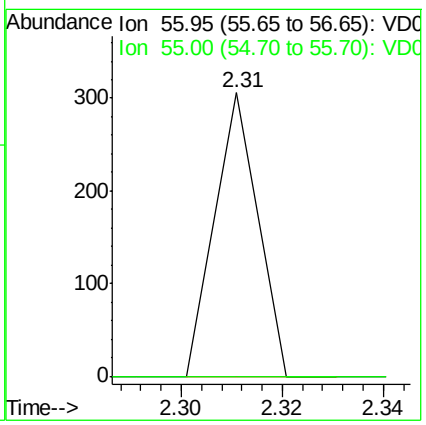


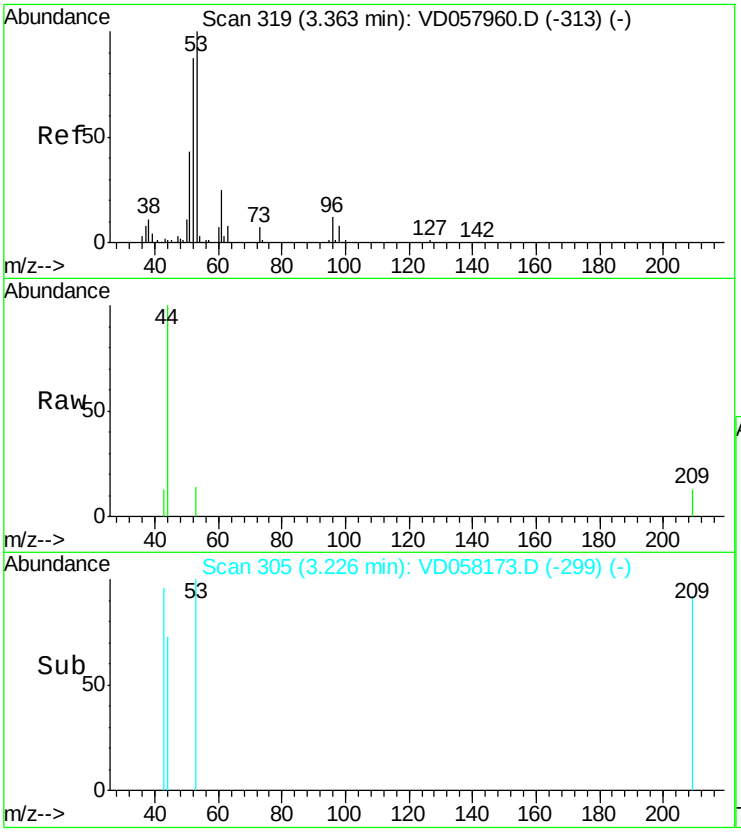


#13
Acrolein
Concen: 15.719 ug/l
RT: 2.31 min Scan# 212
Delta R.T. -0.17 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Tgt Ion: 56 Resp: 181

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.0	81.0#



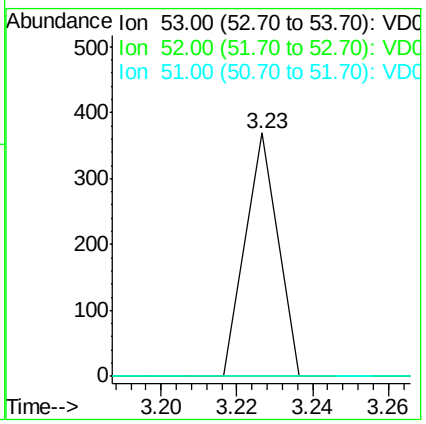


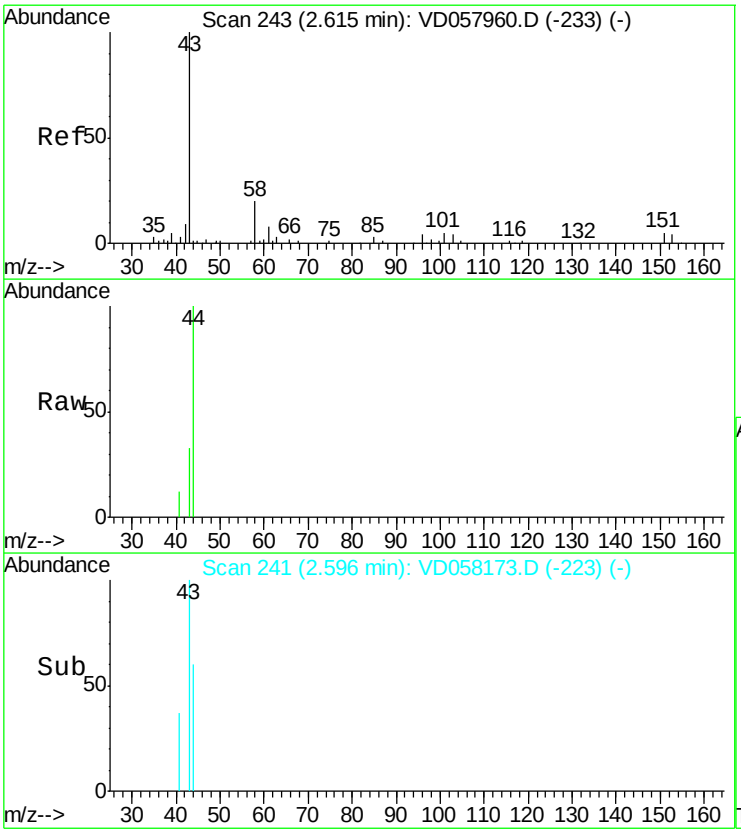
#15
Acrylonitrile
Concen: 4.635 ug/l
RT: 3.23 min Scan# 305
Delta R.T. -0.14 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 53 Resp: 218

Ion	Ratio	Lower	Upper
53	100		
52	0.0	69.9	104.9#
51	0.0	34.3	51.5#

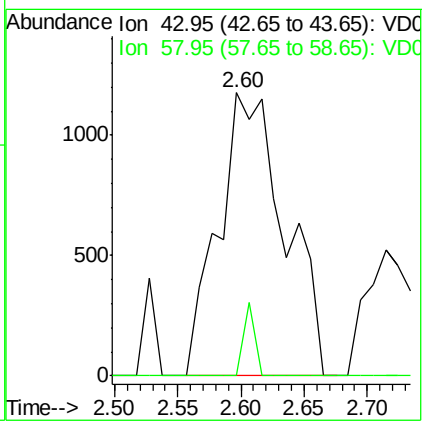


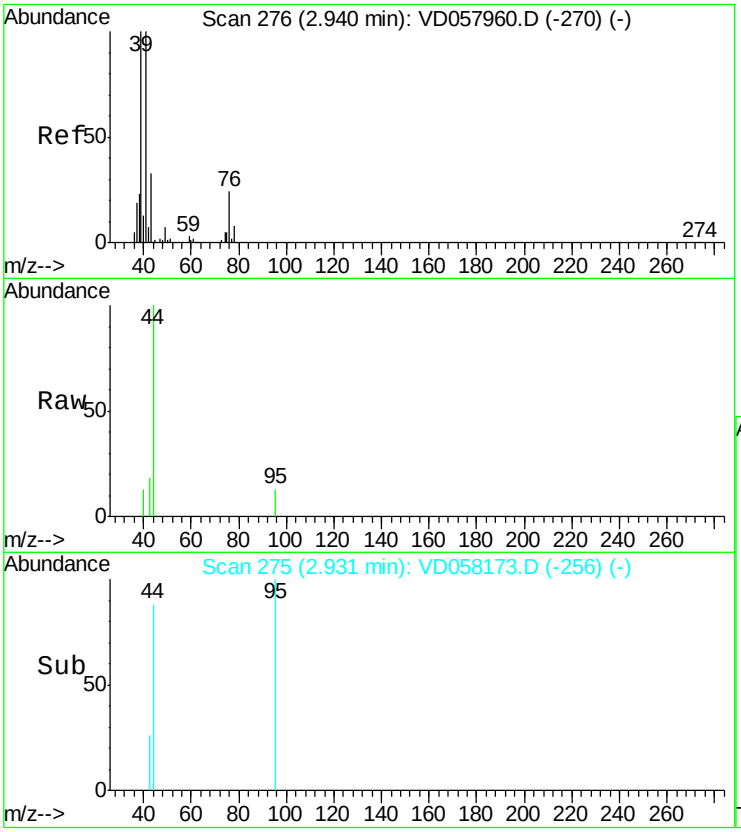


#16
Acetone
Concen: 99.207 ug/l
RT: 2.60 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Tgt Ion: 43 Resp: 4290

Ion	Ratio	Lower	Upper
43	100		
58	0.0	15.8	23.8#



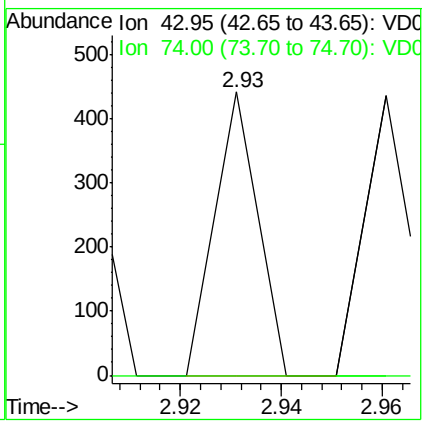


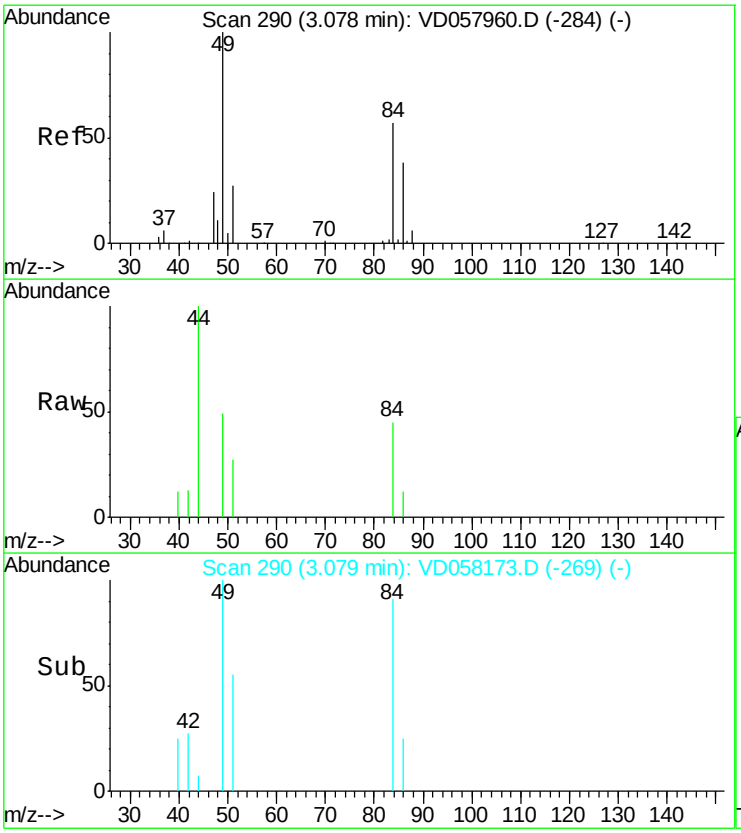
#18
Methyl Acetate
Concen: 3.108 ug/l
RT: 2.93 min Scan# 275
Delta R.T. -0.01 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 260

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.2	16.8#

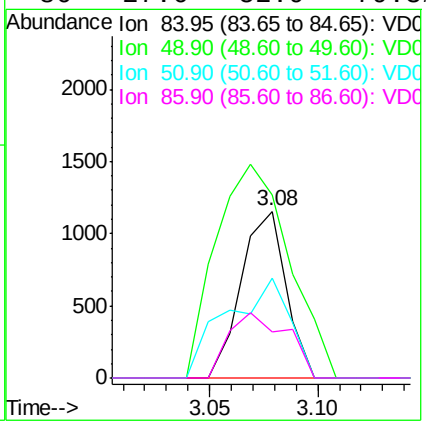


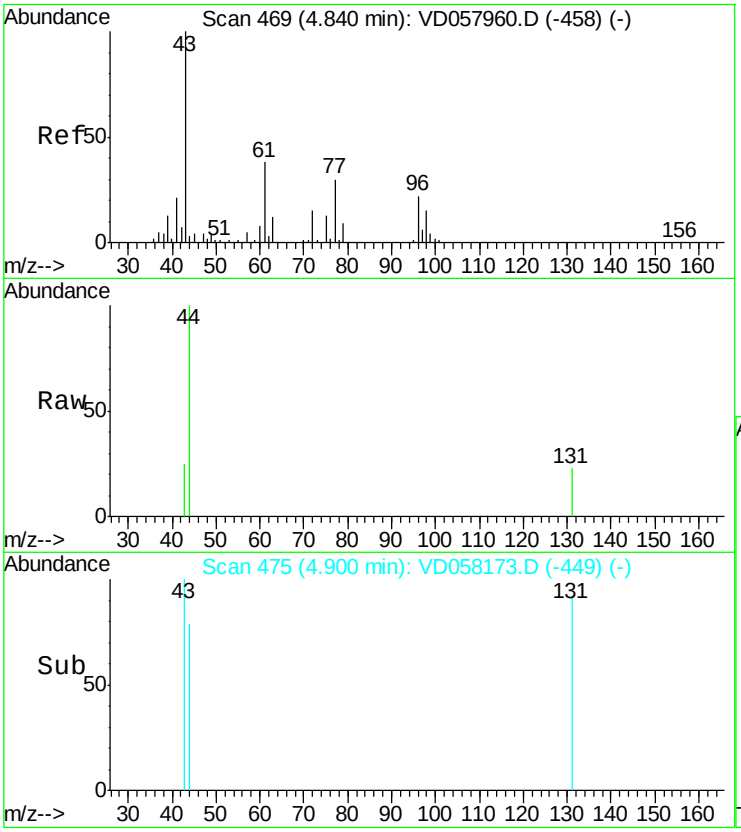


#20
Methylene Chloride
Concen: 10.105 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.00 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Tgt Ion: 84 Resp: 1681

Ion	Ratio	Lower	Upper
84	100		
49	109.7	141.4	212.0#
51	60.1	38.3	57.5#
86	27.6	52.9	79.3#



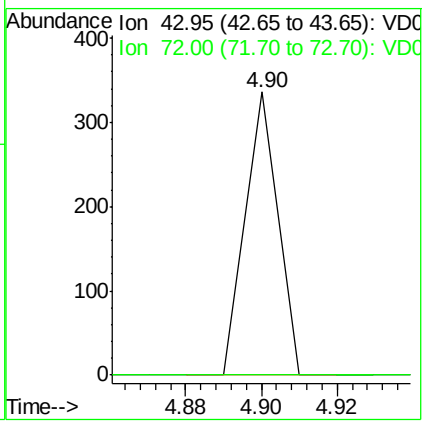


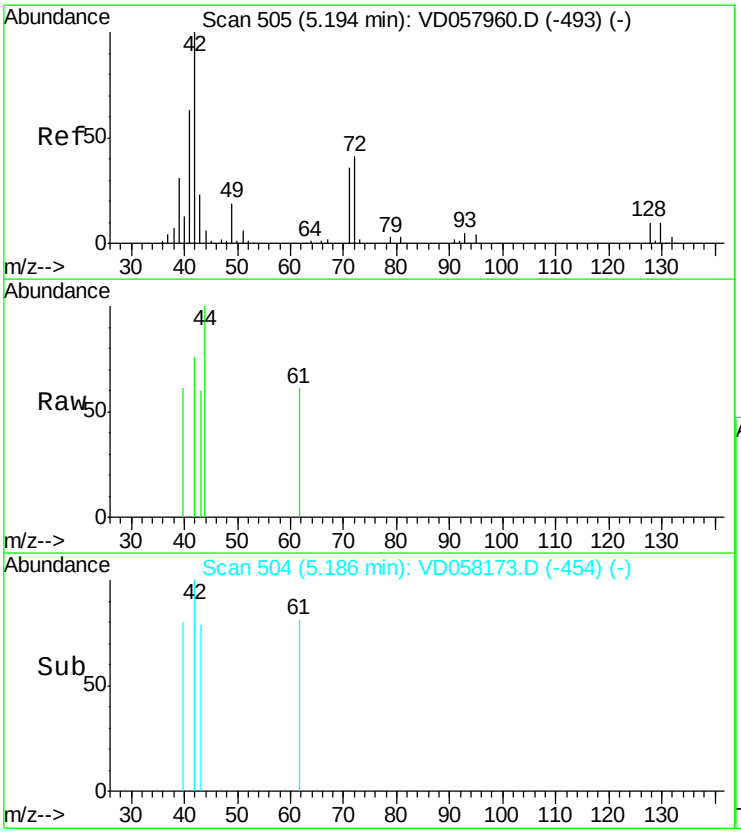
#25
2-Butanone
Concen: 2.015 ug/l
RT: 4.90 min Scan# 475
Delta R.T. 0.06 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 198

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.0	18.0#

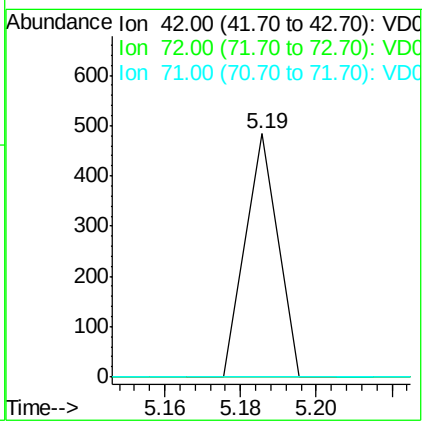


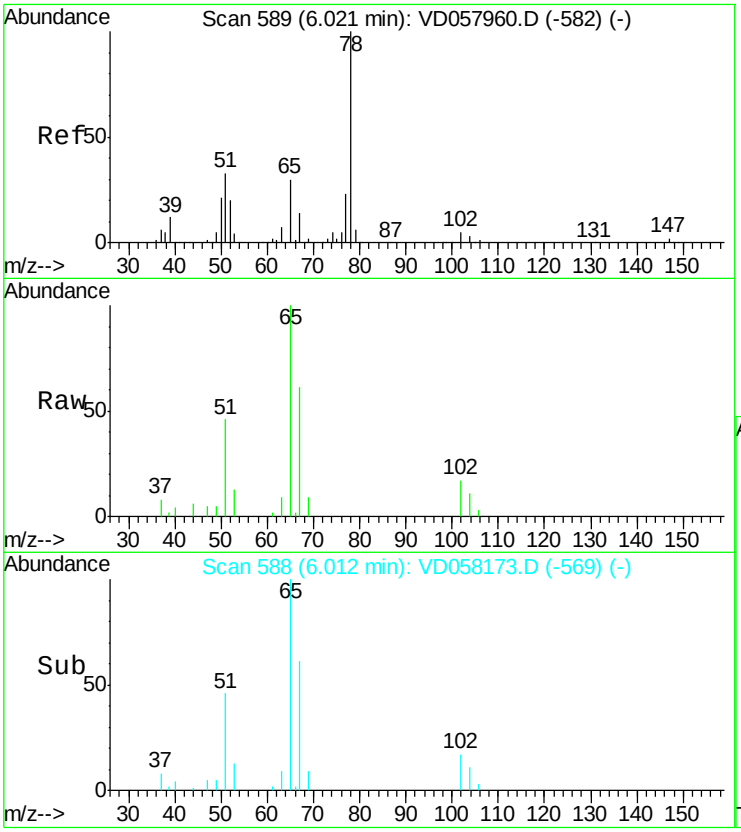


#29
Tetrahydrofuran
Concen: 5.552 ug/l
RT: 5.19 min Scan# 504
Delta R.T. -0.01 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Tgt Ion: 42 Resp: 286

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.5	42.7#
71	0.0	27.9	41.9#



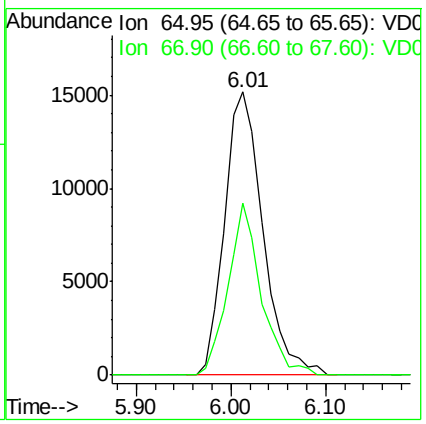


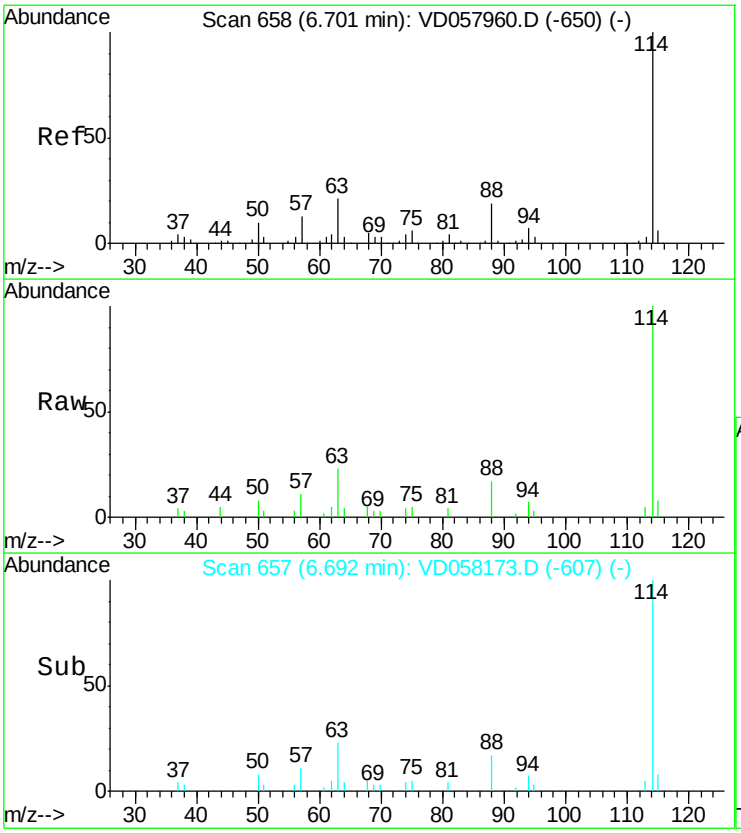
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 42320

Ion	Ratio	Lower	Upper
65	100		
67	61.0	0.0	94.0

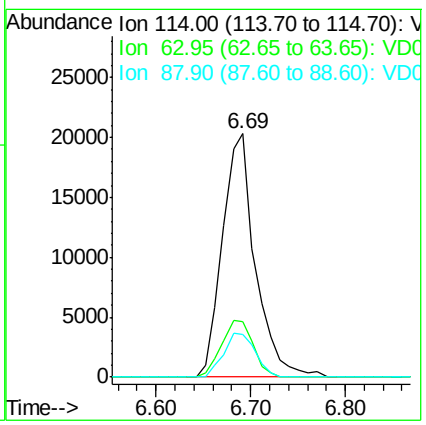


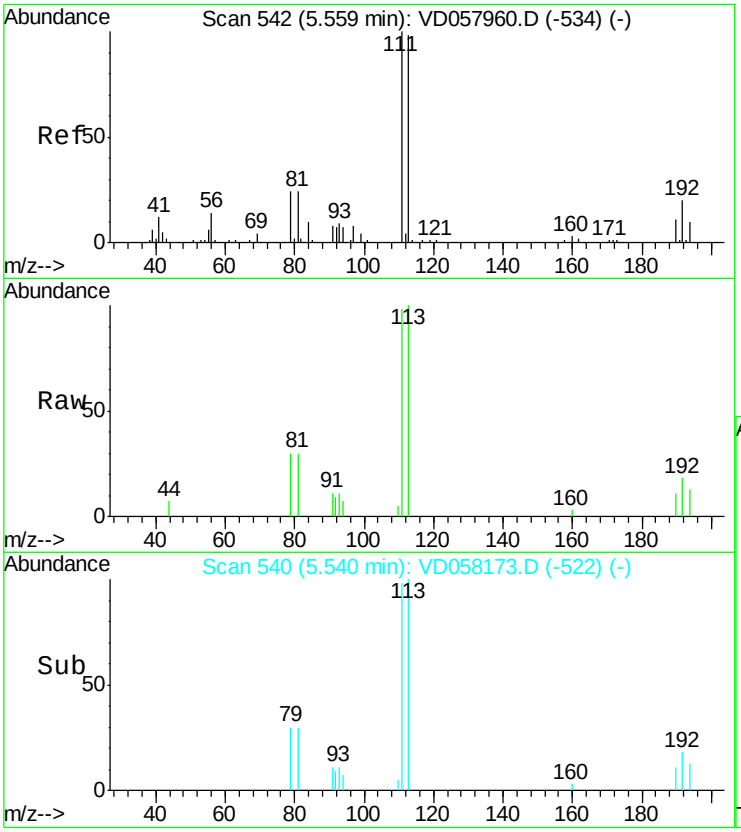


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 657
Delta R.T. -0.01 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Tgt Ion:114 Resp: 48901

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	42.8
88	17.3	0.0	37.8



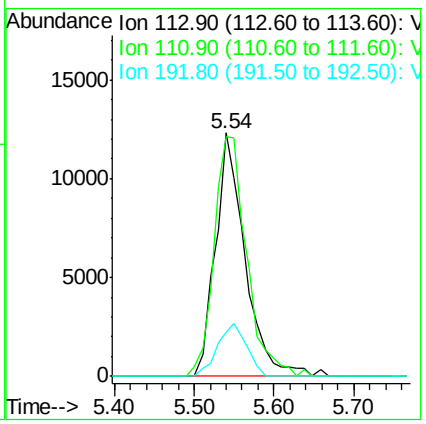


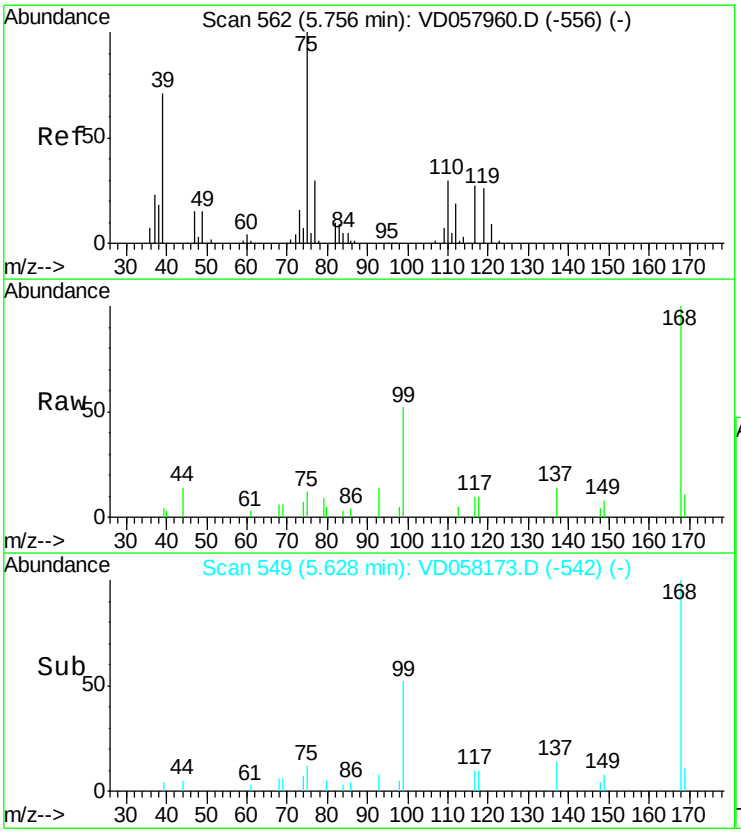
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.02 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 32136

Ion	Ratio	Lower	Upper
113	100		
111	98.3	81.5	122.3
192	17.9	16.4	24.6

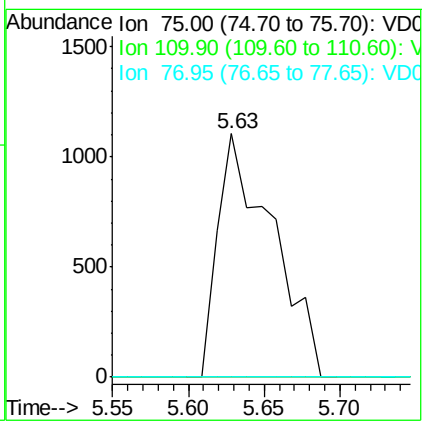


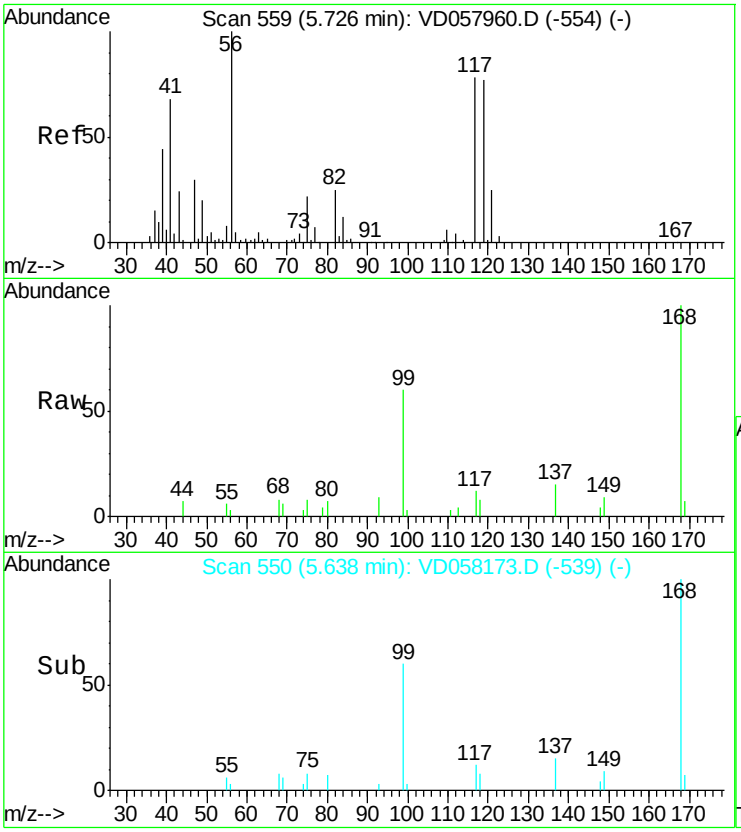


#36
1,1-Dichloropropene
Concen: 5.169 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.13 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Tgt Ion: 75 Resp: 2785

Ion	Ratio	Lower	Upper
75	100		
110	0.0	14.8	44.3#
77	0.0	23.9	35.9#



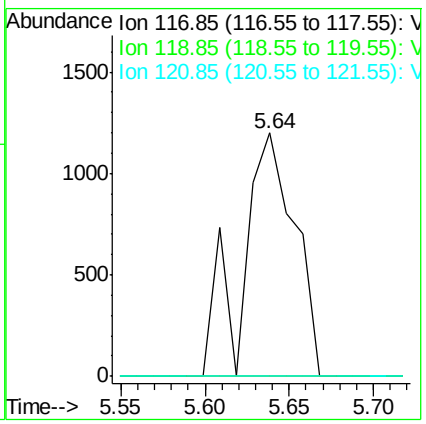


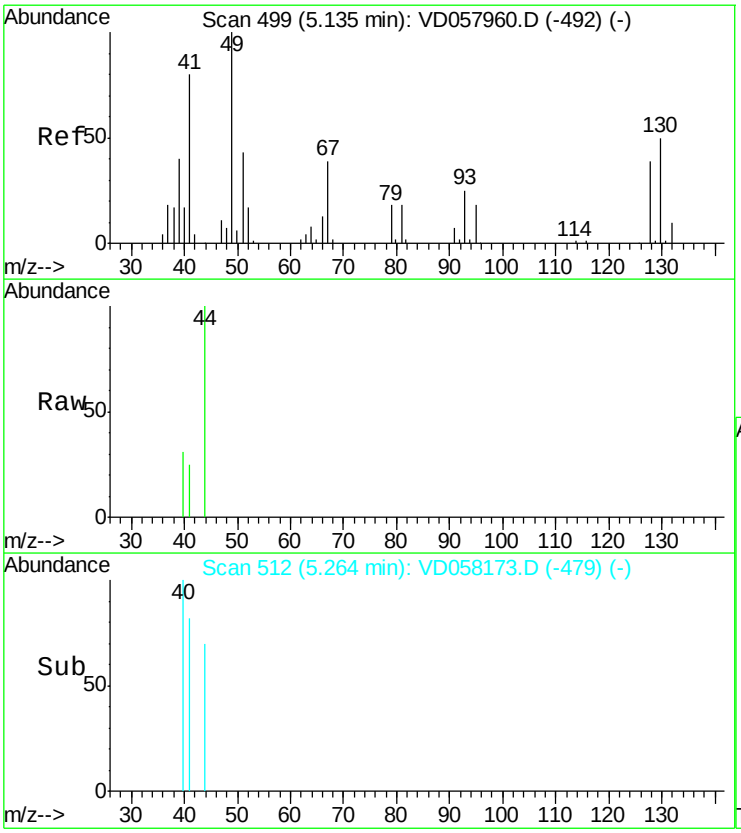
#38
Carbon Tetrachloride
Concen: 4.893 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.09 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 2598

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.1	114.1#
121	0.0	24.9	37.3#

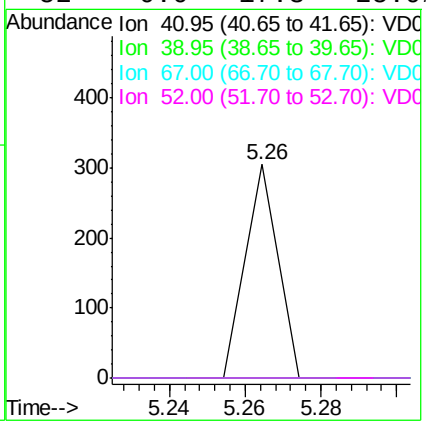


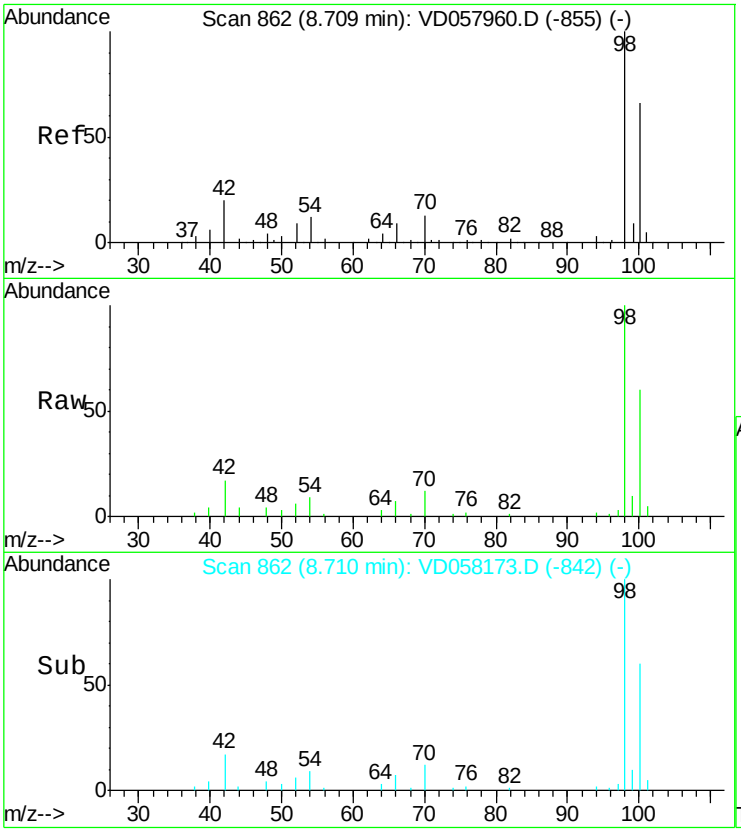


#41
Methacrylonitrile
Concen: 1.339 ug/l
RT: 5.26 min Scan# 512
Delta R.T. 0.13 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Tgt Ion: 41 Resp: 180

Ion	Ratio	Lower	Upper
41	100		
39	0.0	40.7	61.1#
67	0.0	38.8	58.2#
52	0.0	17.3	25.9#



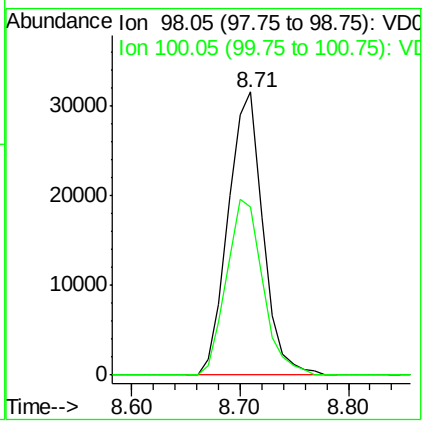


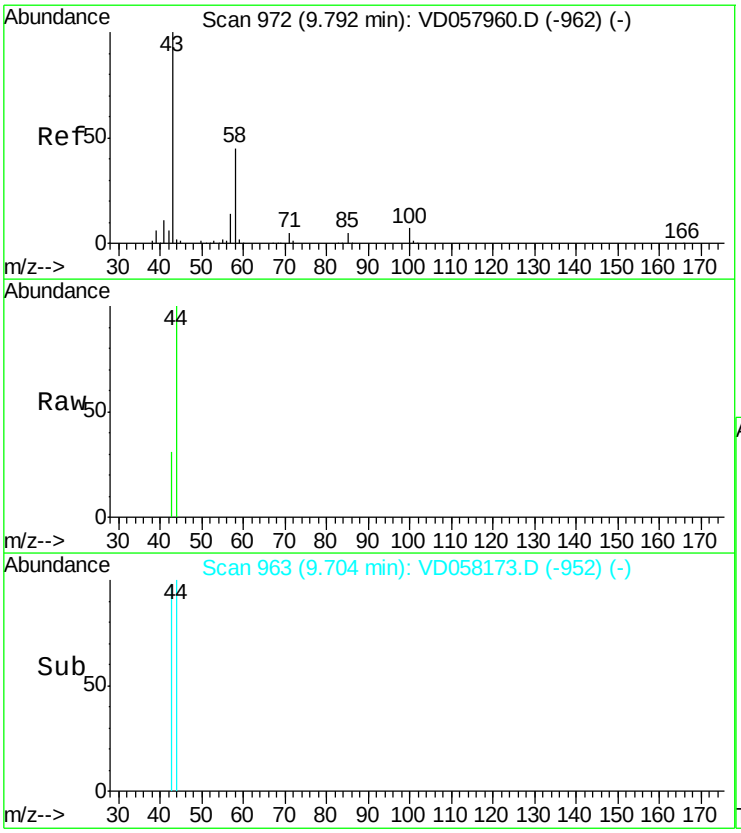
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.00 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 70149

Ion	Ratio	Lower	Upper
98	100		
100	59.6	53.4	80.0

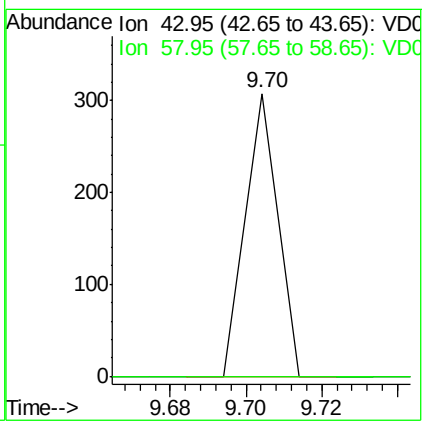


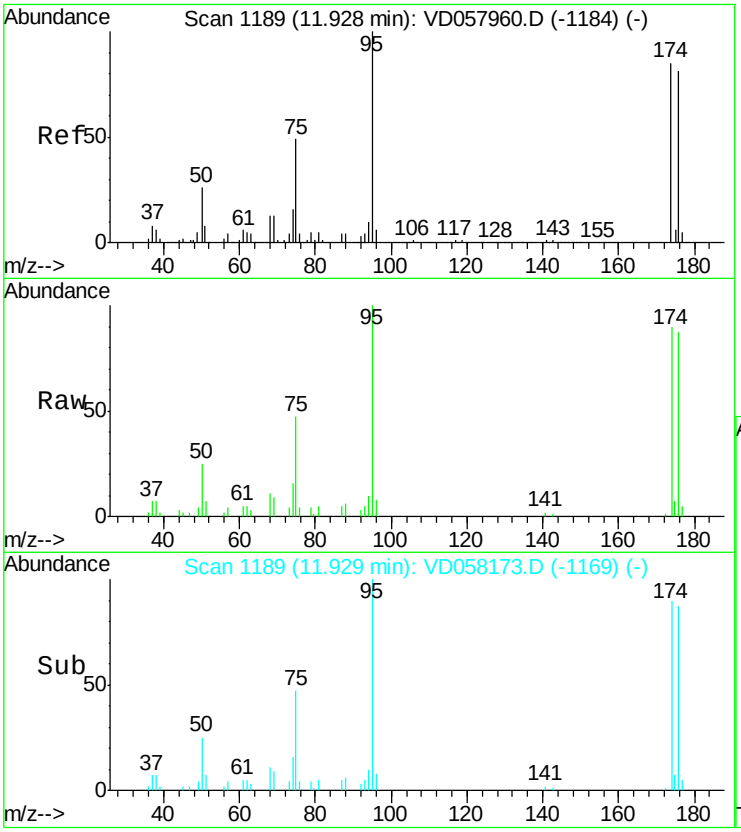


#59
2-Hexanone
Concen: 1.006 ug/l
RT: 9.70 min Scan# 963
Delta R.T. -0.09 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Tgt Ion: 43 Resp: 182

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.5	67.5#



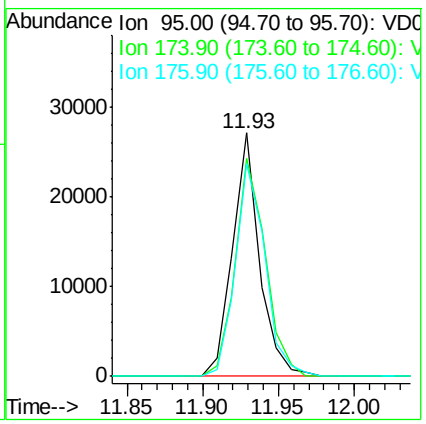


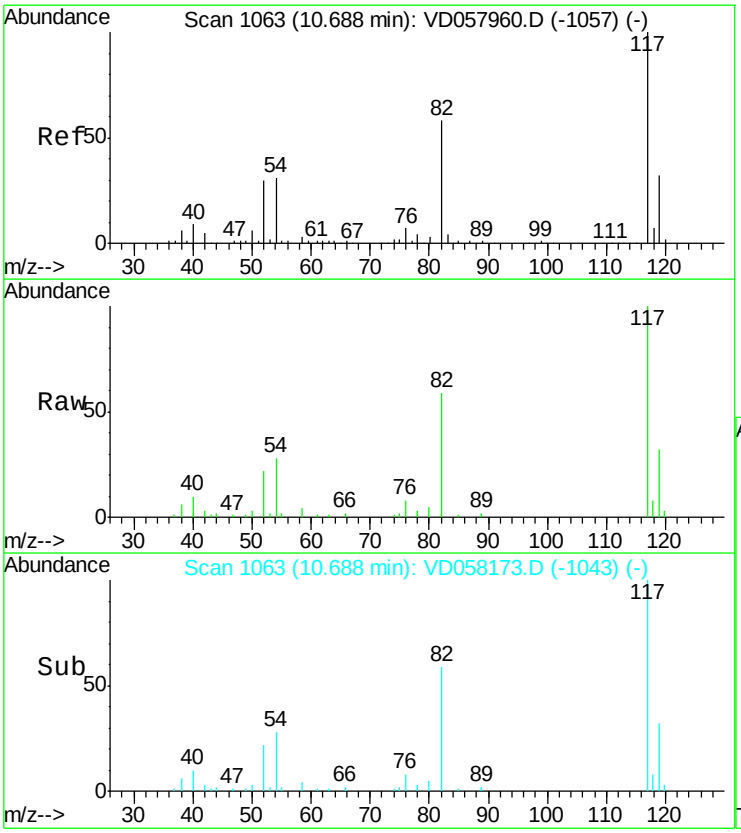
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 33491

Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	169.4
176	87.3	0.0	162.6

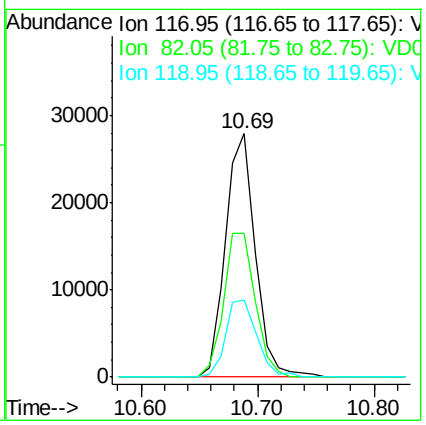


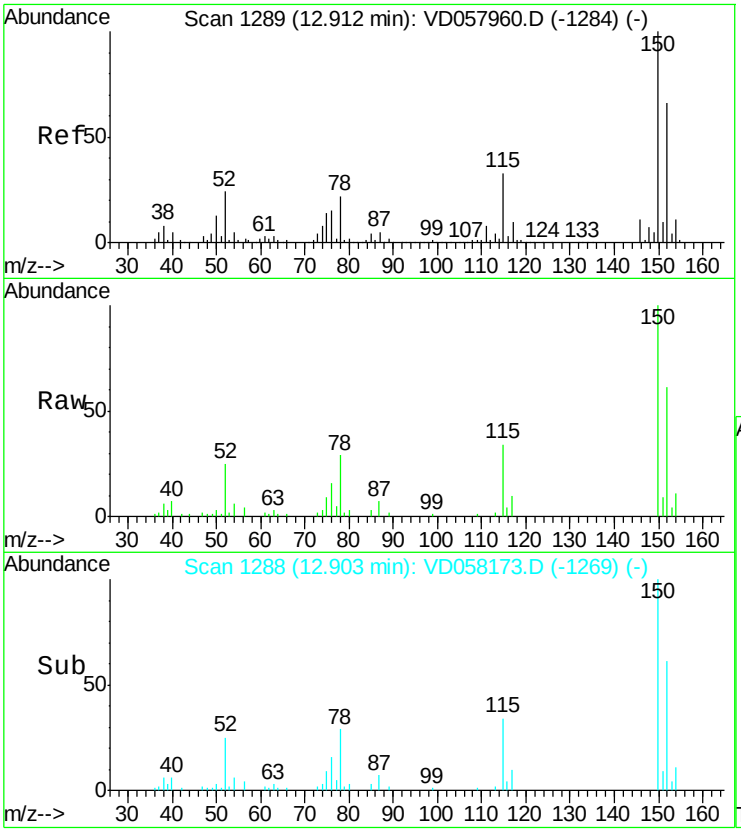


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Tgt Ion:117 Resp: 49583

Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.8	70.2
119	31.9	25.8	38.6



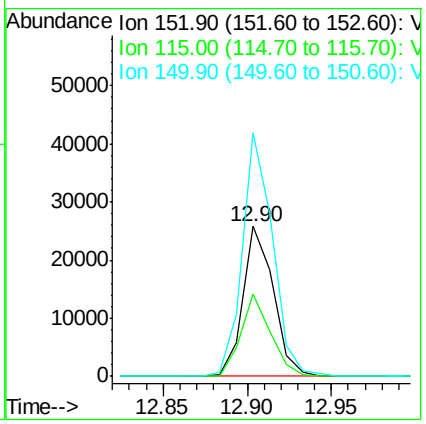


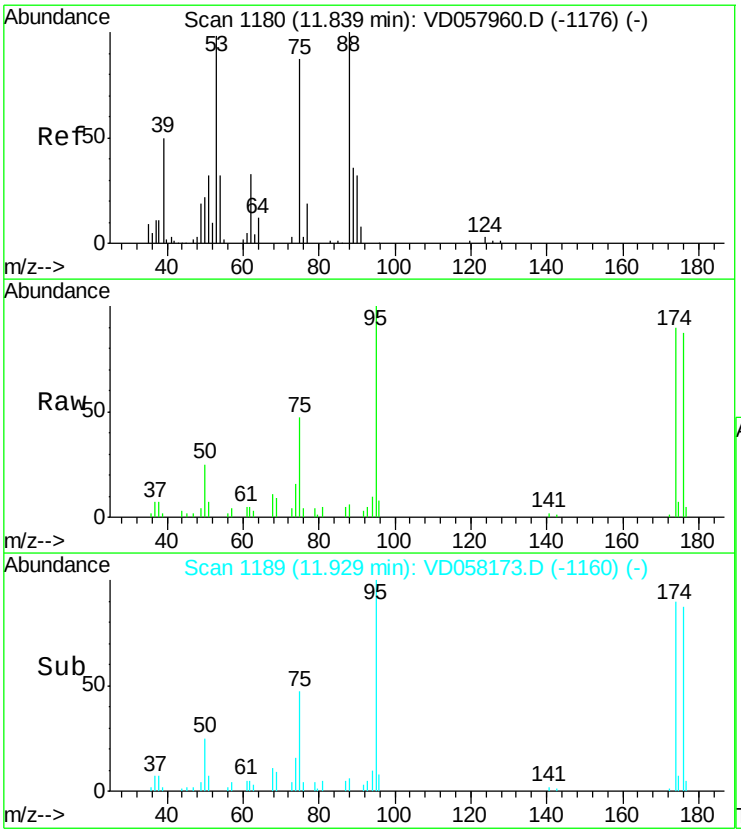
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 32314

Ion	Ratio	Lower	Upper
152	100		
115	54.7	25.6	76.6
150	162.8	0.0	306.8

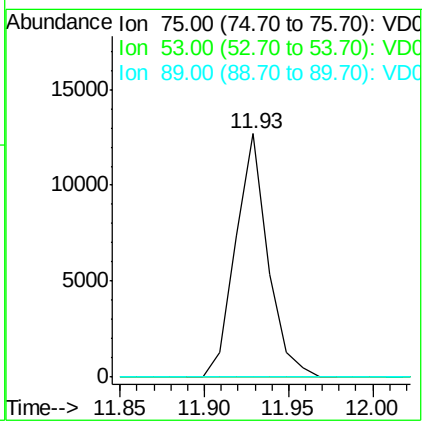


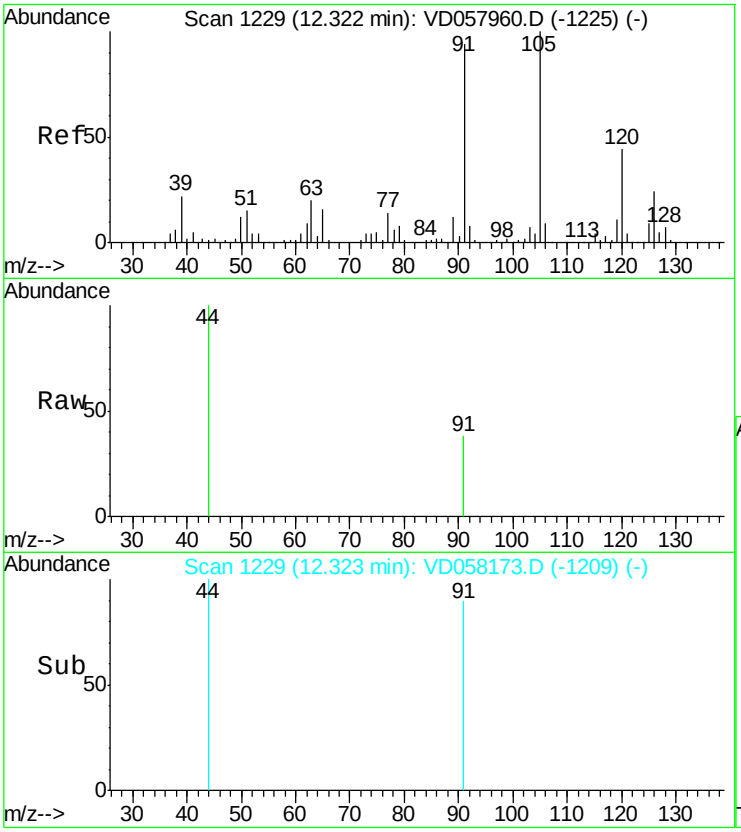


#81
trans-1,4-Dichloro-2-butene
Concen: 140.351 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.09 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Tgt Ion: 75 Resp: 16874

Ion	Ratio	Lower	Upper
75	100		
53	0.0	89.3	133.9#
89	0.0	33.3	49.9#



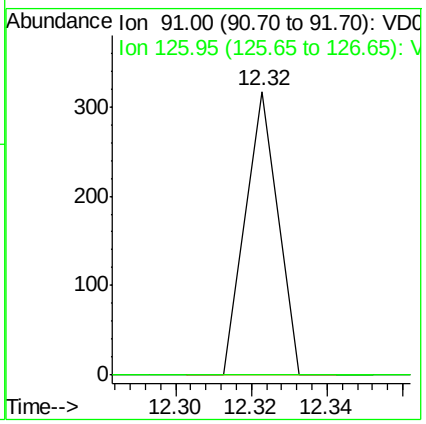


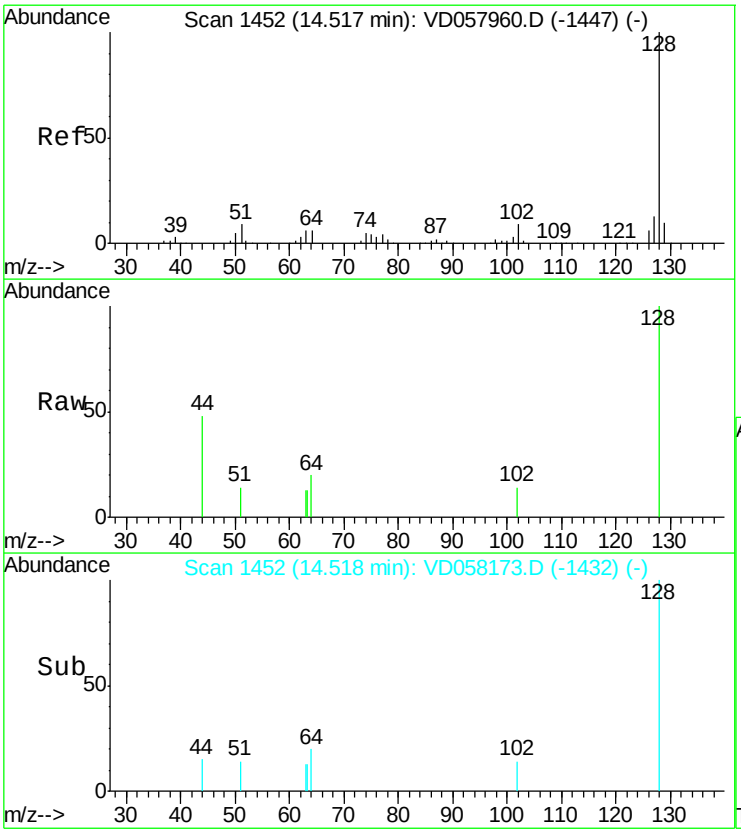
#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 187

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.5	37.5#





#95
Naphthalene
Concen: 3.035 ug/l
RT: 14.52 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VD058173.D
Acq: 16 Jun 2018 1:07

Tgt Ion:128 Resp: 3166

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.2	12.2#