Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062118\
Data File : VD058254.D
Acq On : 21 Jun 2018 16:03
Operator : VA/AP
Sample : J3603-03
Misc : 5.14g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 26KV-TP-2

Quant Time: Jun 22 06:15:42 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	24878	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.70	114	34573	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	31973	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	15400	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	23731	94.44	ug/l	0.02
Spiked Amount 50.000			Recovery = 188.88%			
35) Dibromofluoromethane	5.56	113	16694	59.33	ug/l	0.01
Spiked Amount 50.000			Recovery = 118.66%			
50) Toluene-d8	8.72	98	33071	48.58	ug/l	0.01
Spiked Amount 50.000			Recovery = 97.16%			
62) 4-Bromofluorobenzene	11.94	95	13193	47.44	ug/l	0.01
Spiked Amount 50.000			Recovery = 94.88%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	219	Below Cal	#	43
5) Bromomethane	1.83	94	225	4.128	ug/l #	3
6) Chloroethane	1.79	64	182	4.578	ug/l #	41
10) Methyl Iodide	2.78	142	183	1.416	ug/l #	28
15) Acrylonitrile	3.35	53	199	9.055	ug/l #	14
16) Acetone	2.62	43	35490	1032.726	ug/l #	86
17) Carbon Disulfide	2.79	76	369	1.269	ug/l #	76
18) Methyl Acetate	2.91	43	787	10.738	ug/l #	65
20) Methylene Chloride	3.08	84	908	5.920	ug/l #	52
25) 2-Butanone	4.86	43	8384	111.936	ug/l #	60
29) Tetrahydrofuran	5.27	42	191	4.791	ug/l #	37
36) 1,1-Dichloropropene	5.64	75	1738	5.082	ug/l #	43
37) Ethyl Acetate	4.95	43	436	2.237	ug/l #	72
38) Carbon Tetrachloride	5.66	117	1077	3.169	ug/l #	11
41) Methacrylonitrile	5.12	41	194	2.062	ug/l #	30
51) 4-Methyl-2-Pentanone	8.60	43	189	1.115	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.94	75	6648	121.230	ug/l #	1
87) 1,3-Dichlorobenzene	12.93	146	559	1.166	ug/l #	25
88) 1,4-Dichlorobenzene	12.93	146	559	1.194	ug/l #	25
93) 1,2,4-Trichlorobenzene	14.34	180	448	1.148	ug/l #	81
95) Naphthalene	14.52	128	1412	2.747	ug/l #	70

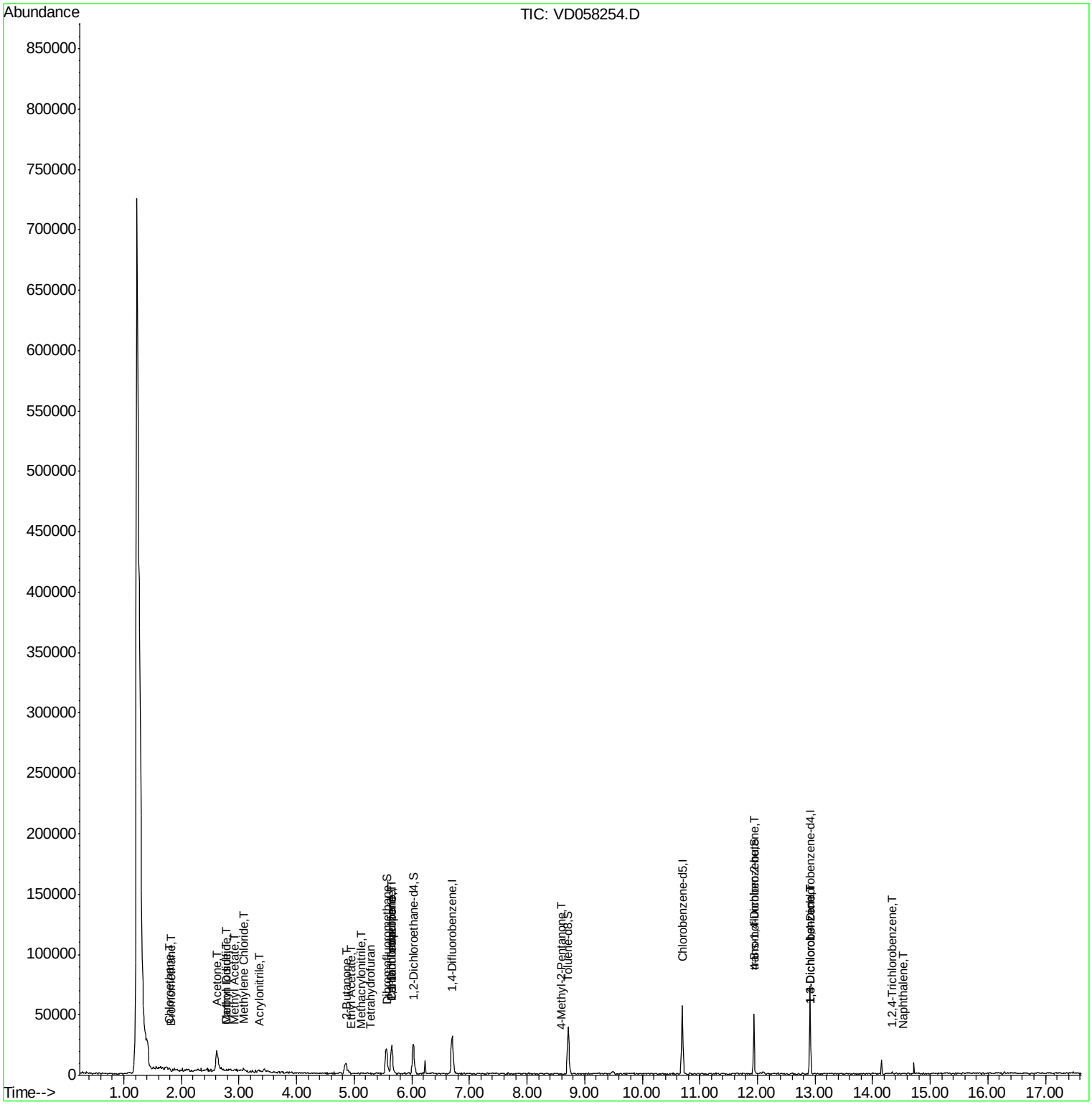
(#) = qualifier out of range (m) = manual integration (+) = signals summed

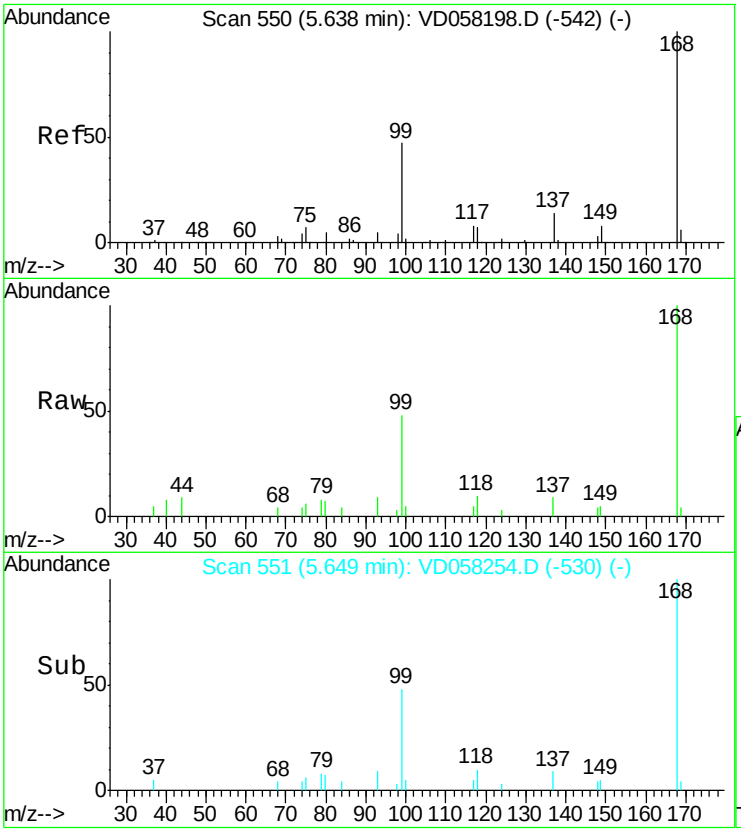
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
Data File : VD058254.D
Acq On : 21 Jun 2018 16:03
Operator : VA/AP
Sample : J3603-03
Misc : 5.14g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-2

Quant Time: Jun 22 06:15:42 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



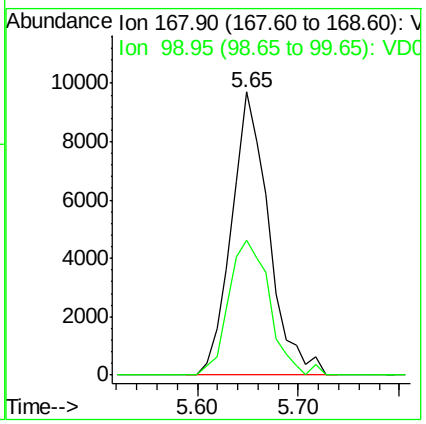


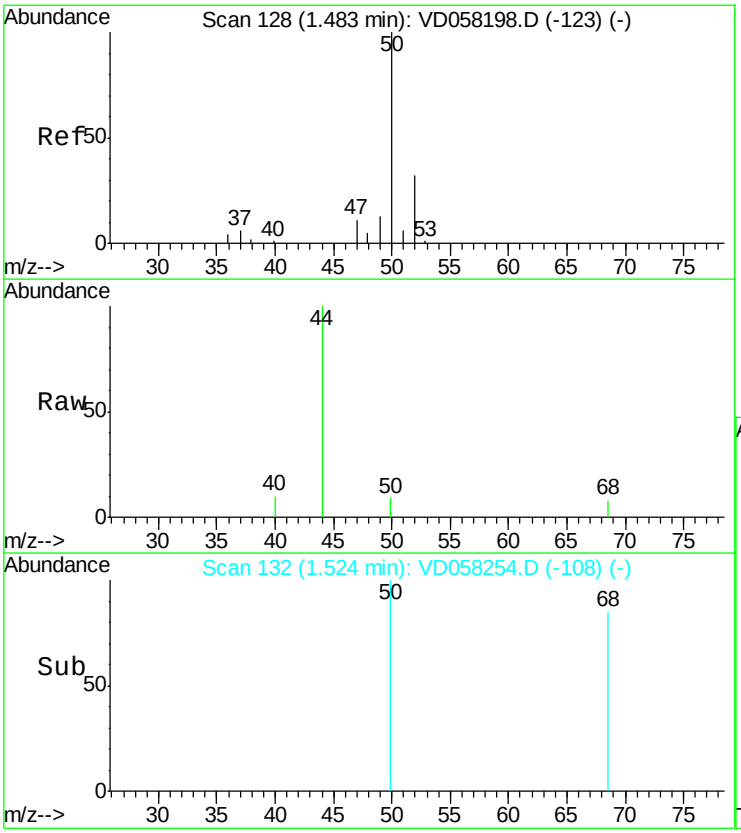
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 551
Delta R.T. 0.01 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-2

Tgt Ion:168 Resp: 24878

Ion	Ratio	Lower	Upper
168	100		
99	47.9	41.1	61.7

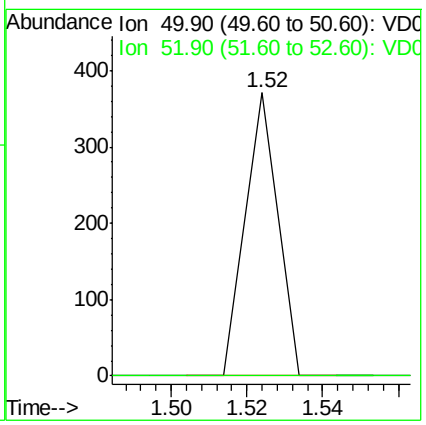


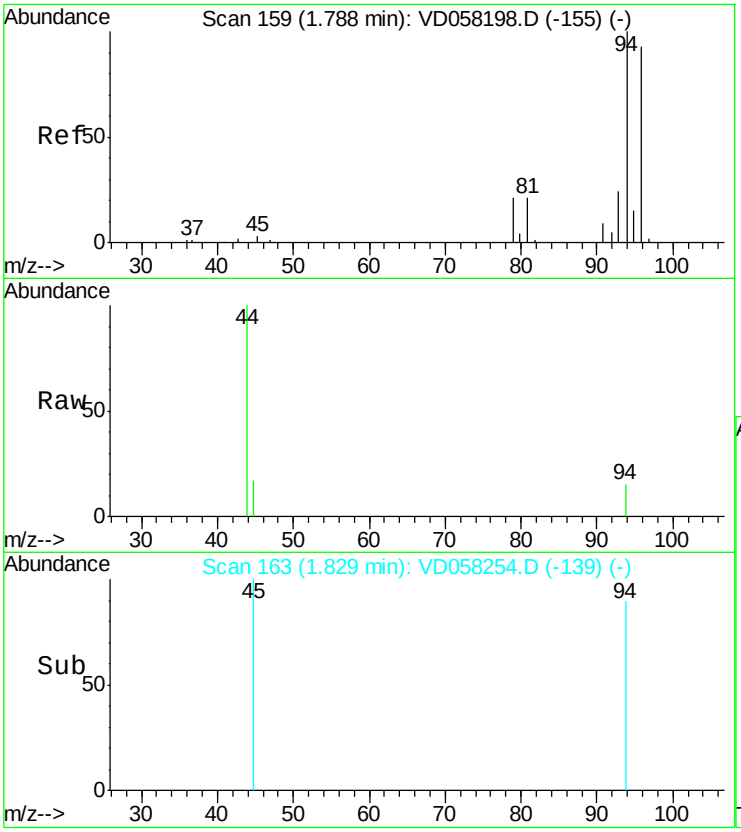


#3
Chloromethane
Concen: Below Cal
RT: 1.52 min Scan# 132
Delta R.T. 0.04 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 50 Resp: 219

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.0	37.4#



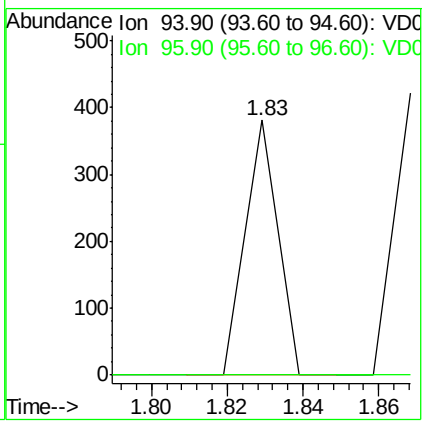


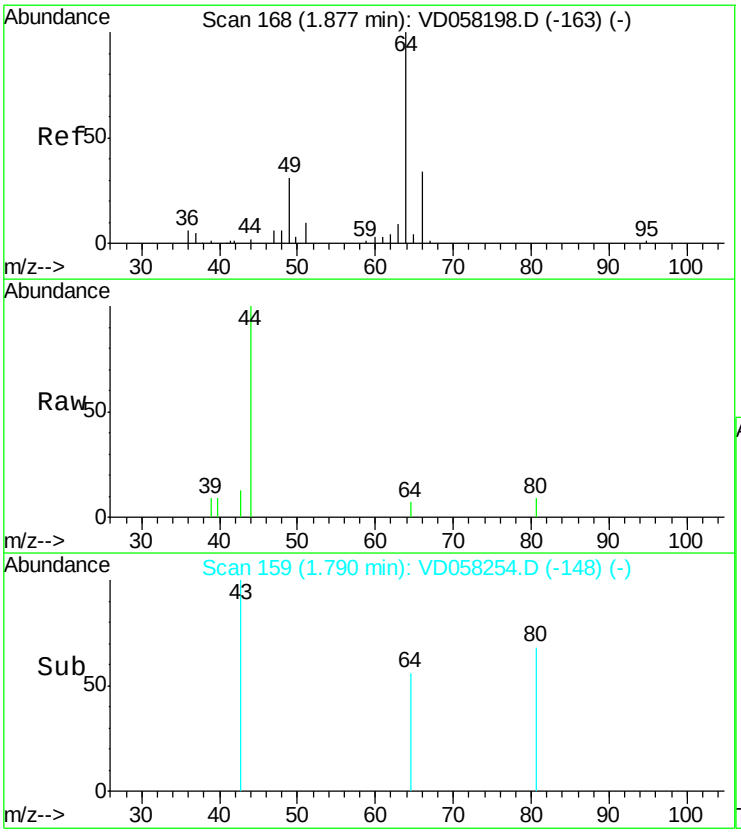
#5
Bromomethane
Concen: 4.128 ug/l
RT: 1.83 min Scan# 163
Delta R.T. 0.04 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument : MSVOA_D
ClientSampleId : 26KV-TP-2

Tgt Ion: 94 Resp: 225

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.2	111.2#

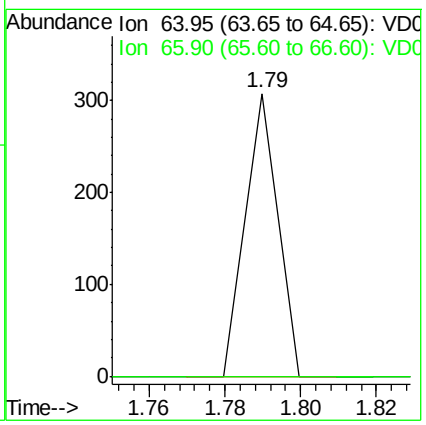


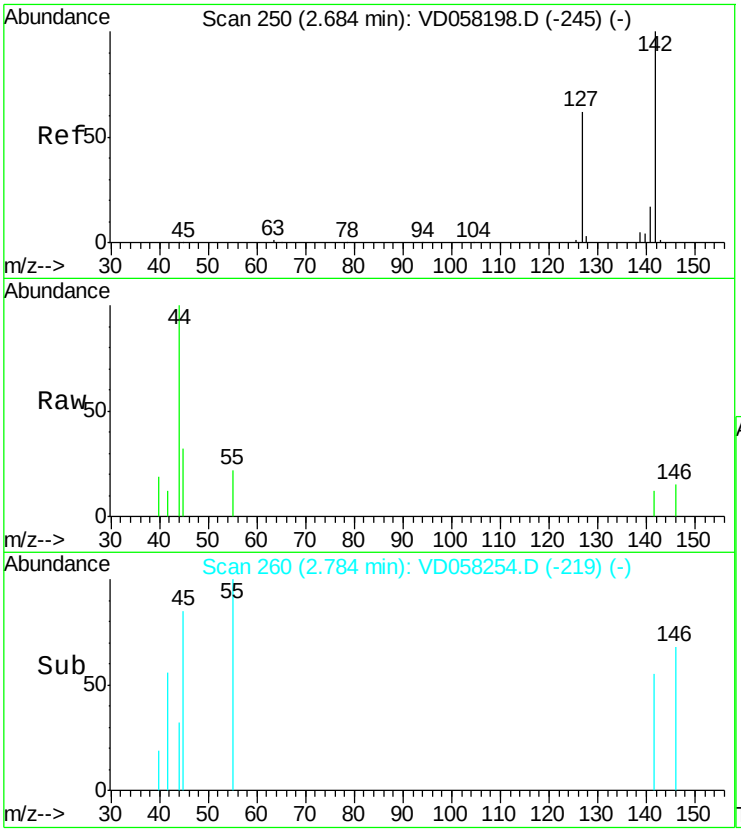


#6
Chloroethane
Concen: 4.578 ug/l
RT: 1.79 min Scan# 159
Delta R.T. -0.09 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 64 Resp: 182

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.3	40.9#



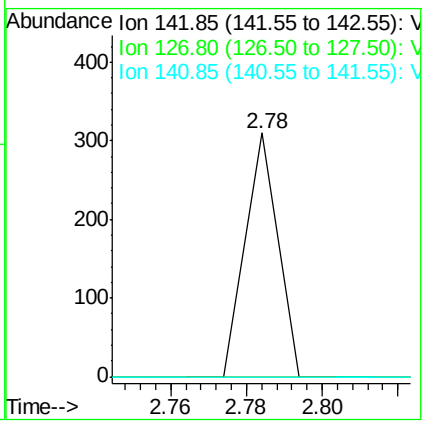


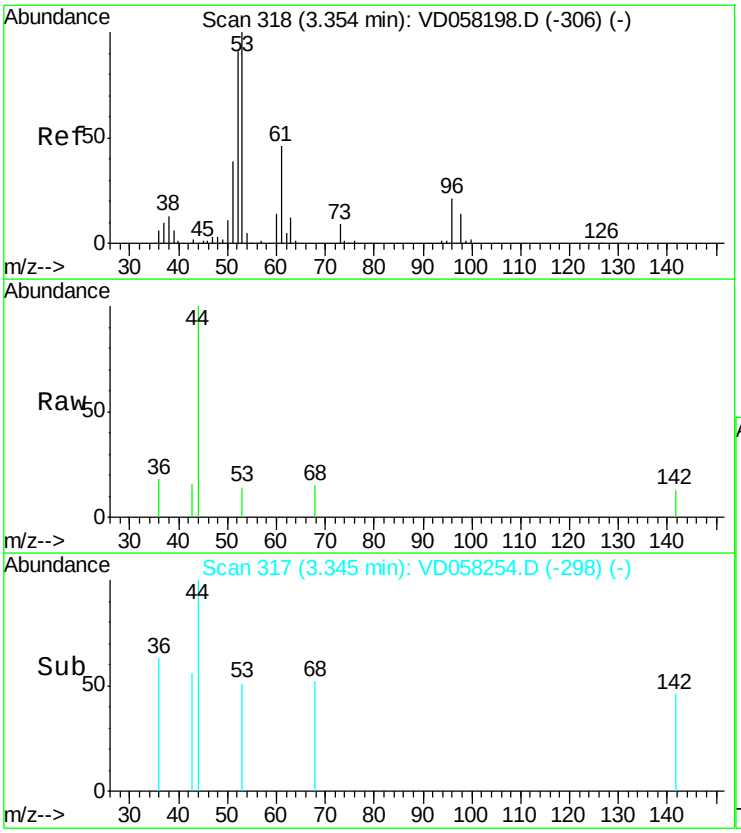
#10
Methyl Iodide
Concen: 1.416 ug/l
RT: 2.78 min Scan# 260
Delta R.T. 0.10 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument : MSVOA_D
ClientSampleId : 26KV-TP-2

Tgt Ion:142 Resp: 183

Ion	Ratio	Lower	Upper
142	100		
127	0.0	49.4	74.0#
141	0.0	13.5	20.3#

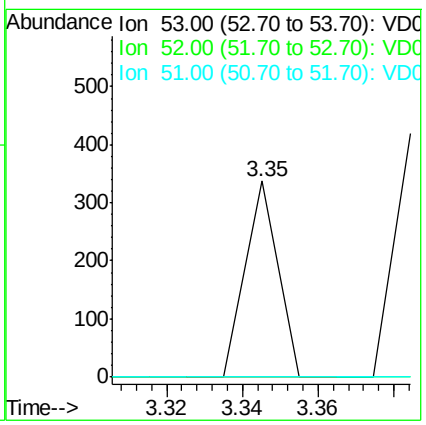


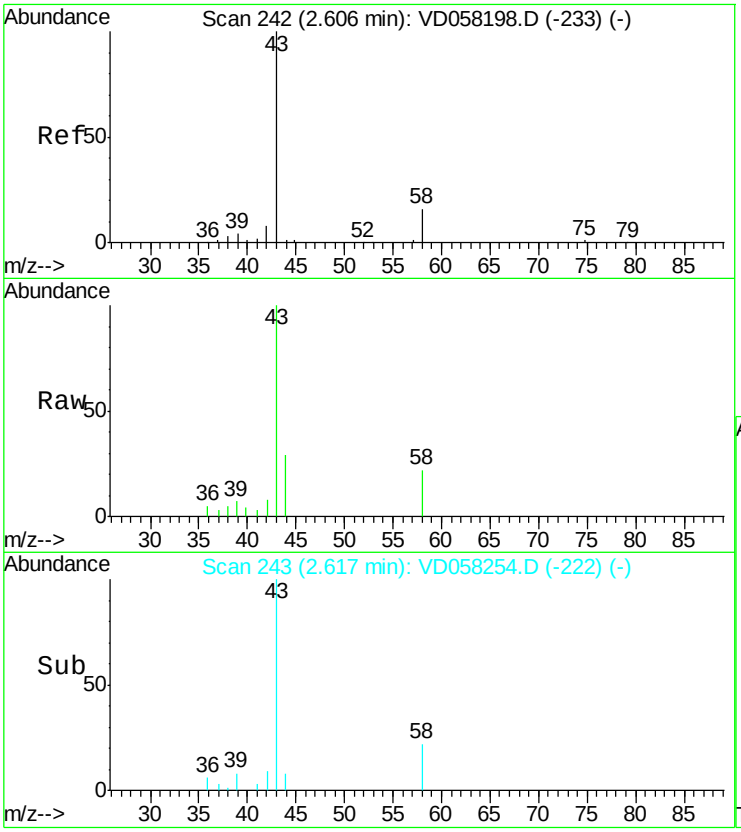


#15
Acrylonitrile
Concen: 9.055 ug/l
RT: 3.35 min Scan# 317
Delta R.T. -0.01 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 53 Resp: 199

Ion	Ratio	Lower	Upper
53	100		
52	0.0	72.6	108.8#
51	0.0	32.2	48.4#



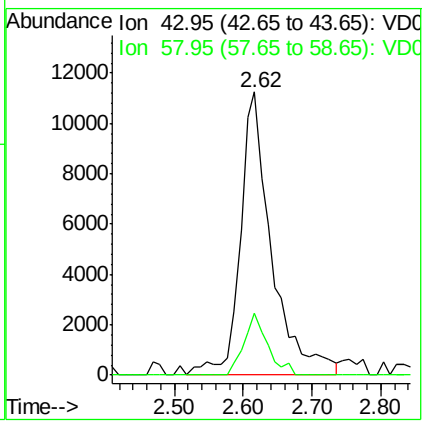


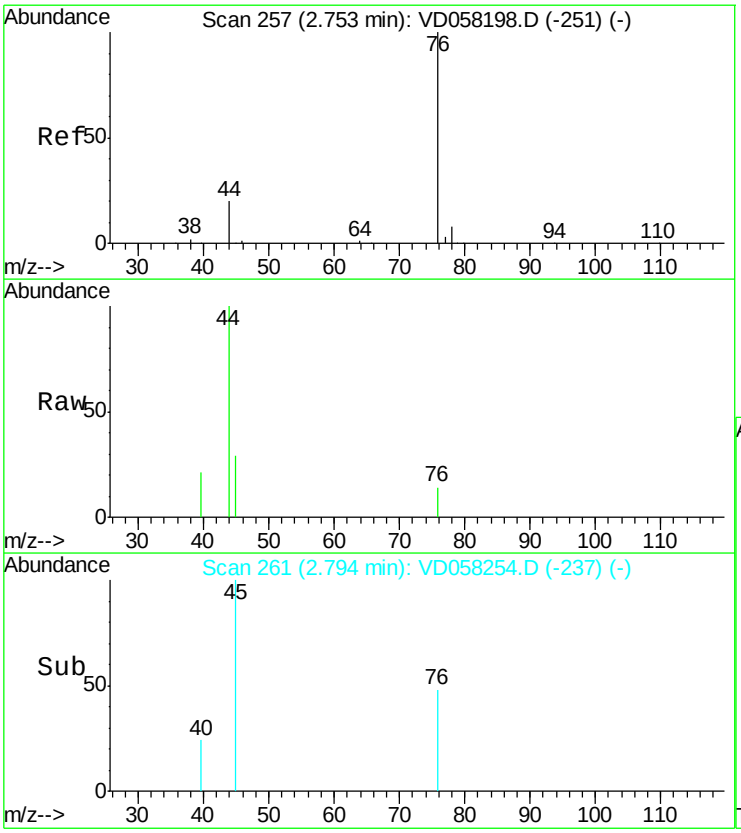
#16
Acetone
Concen: 1032.726 ug/l
RT: 2.62 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument : MSVOA_D
ClientSampleId : 26KV-TP-2

Tgt Ion: 43 Resp: 35490

Ion	Ratio	Lower	Upper
43	100		
58	21.8	12.7	19.1#

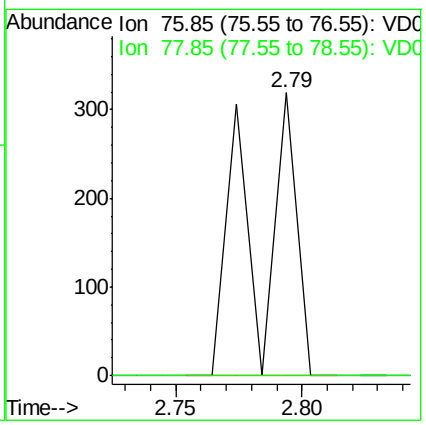


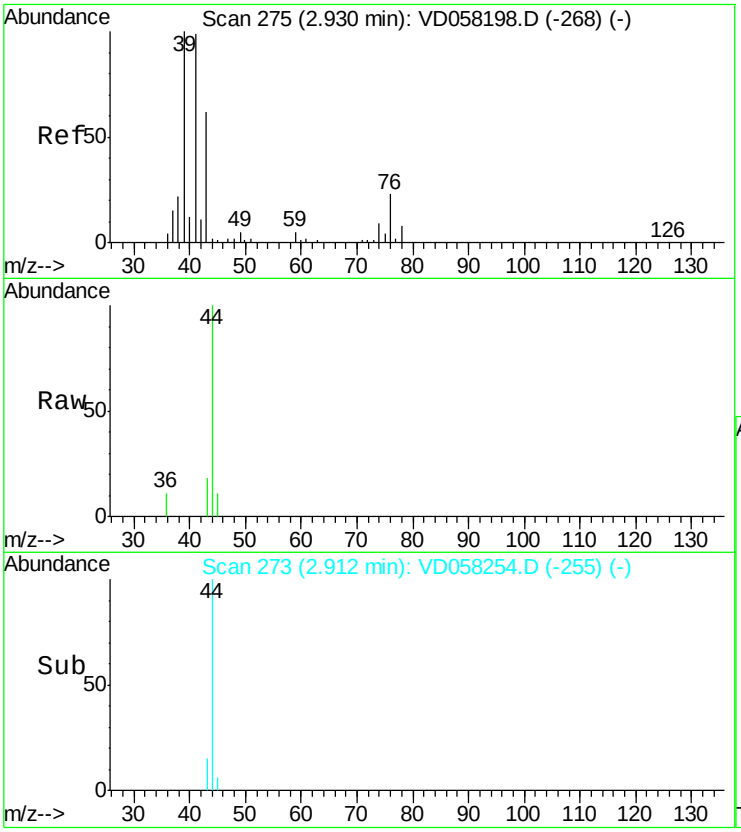


#17
Carbon Disulfide
Concen: 1.269 ug/l
RT: 2.79 min Scan# 261
Delta R.T. 0.04 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 76 Resp: 369

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.8	10.2#



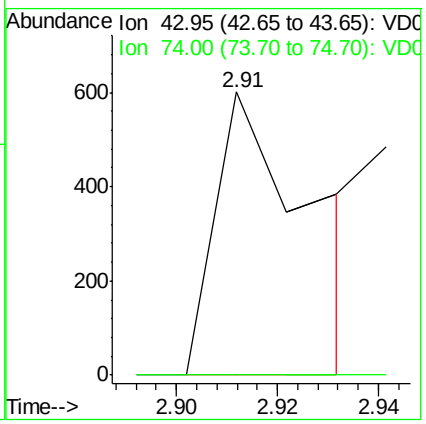


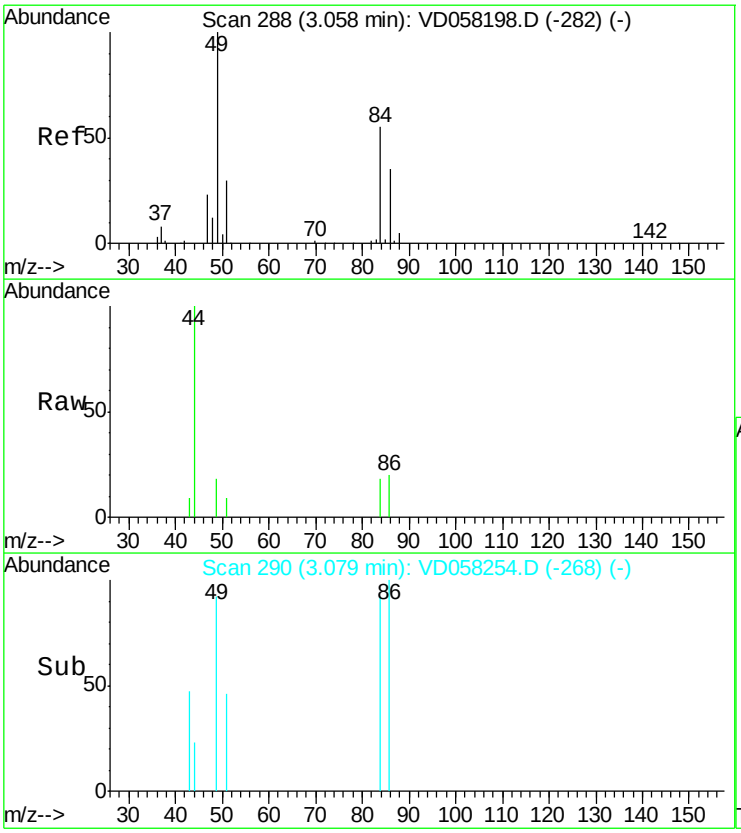
#18
Methyl Acetate
Concen: 10.738 ug/l
RT: 2.91 min Scan# 273
Delta R.T. -0.02 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument : MSVOA_D
ClientSampleId : 26KV-TP-2

Tgt Ion: 43 Resp: 787

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.7	17.5#

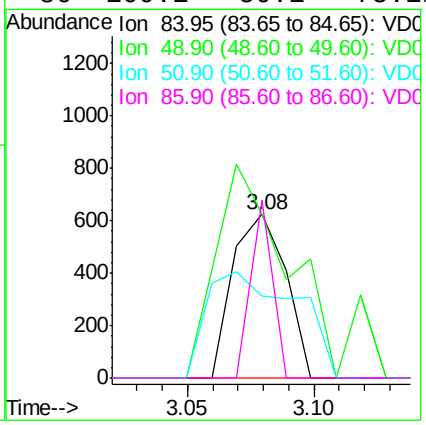


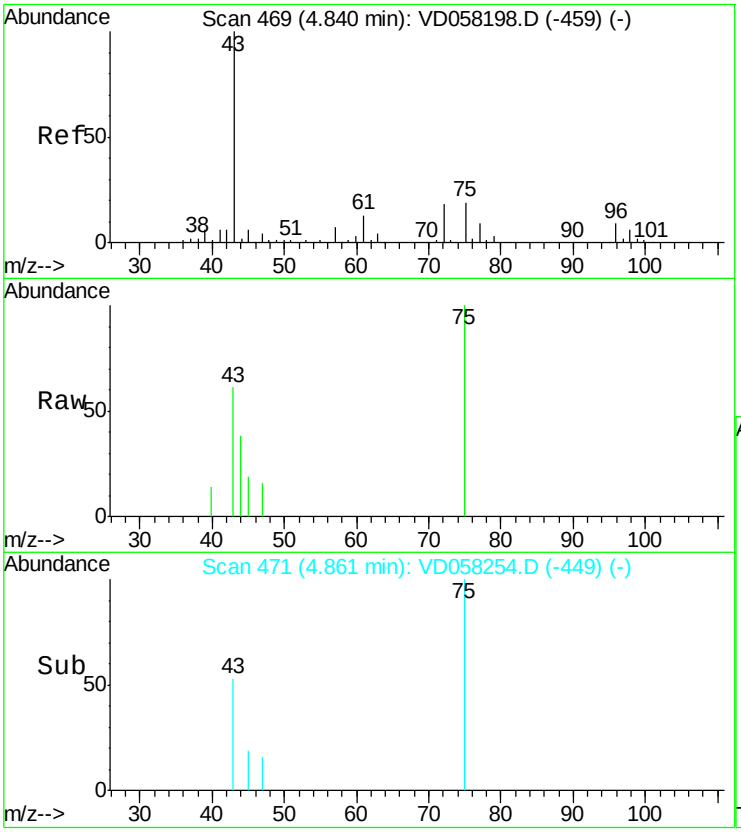


#20
Methylene Chloride
Concen: 5.920 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.02 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 84 Resp: 908

Ion	Ratio	Lower	Upper
84	100		
49	100.5	145.0	217.6#
51	50.5	42.9	64.3
86	109.1	50.1	75.1#



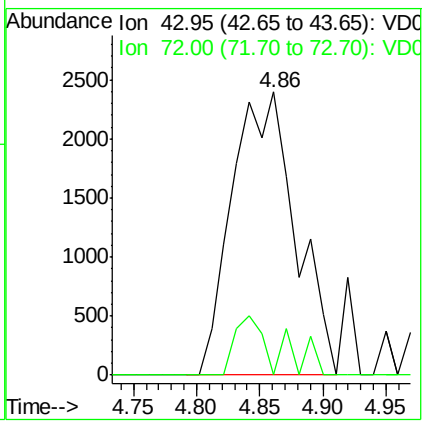


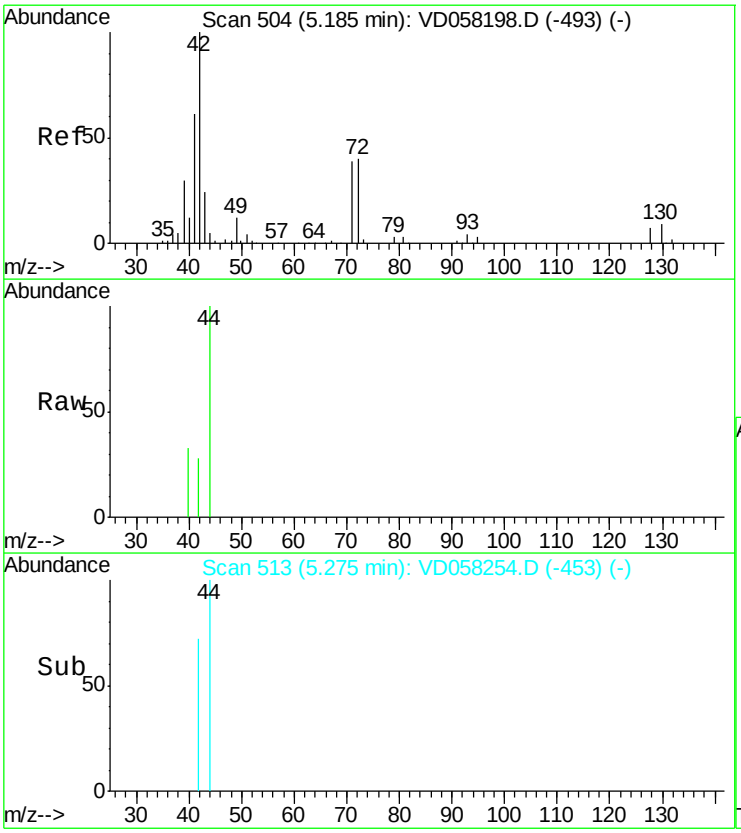
#25
2-Butanone
Concen: 111.936 ug/l
RT: 4.86 min Scan# 471
Delta R.T. 0.02 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument : MSVOA_D
ClientSampleId : 26KV-TP-2

Tgt Ion: 43 Resp: 8384

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.1	21.1#

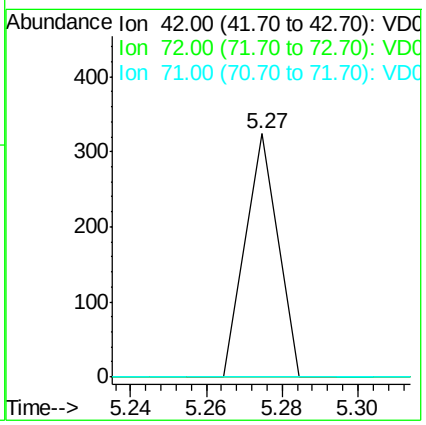


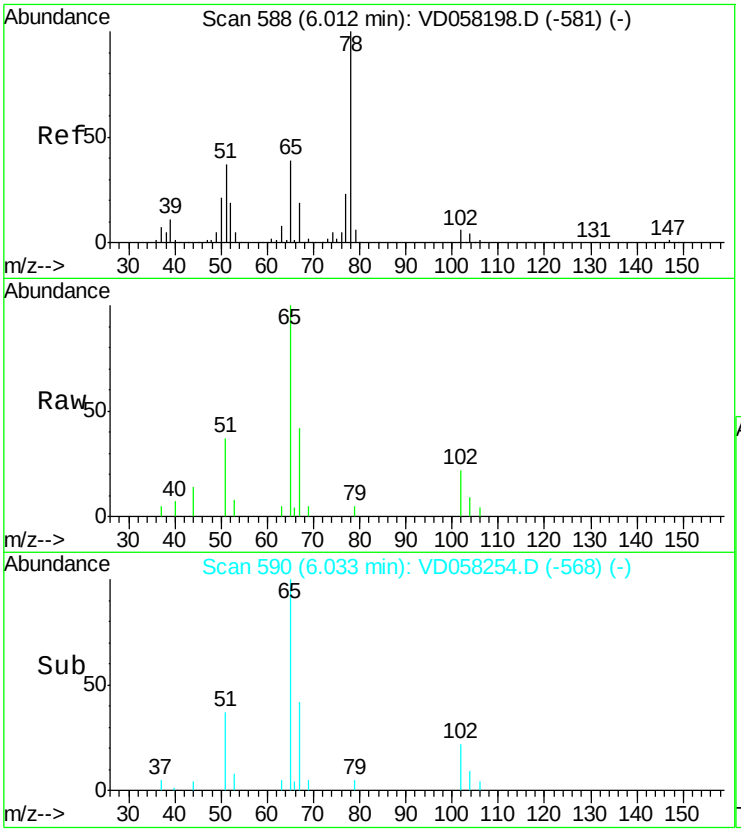


#29
Tetrahydrofuran
Concen: 4.791 ug/l
RT: 5.27 min Scan# 513
Delta R.T. 0.09 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 42 Resp: 191

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



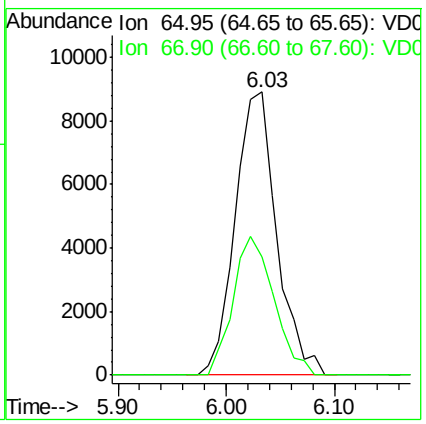


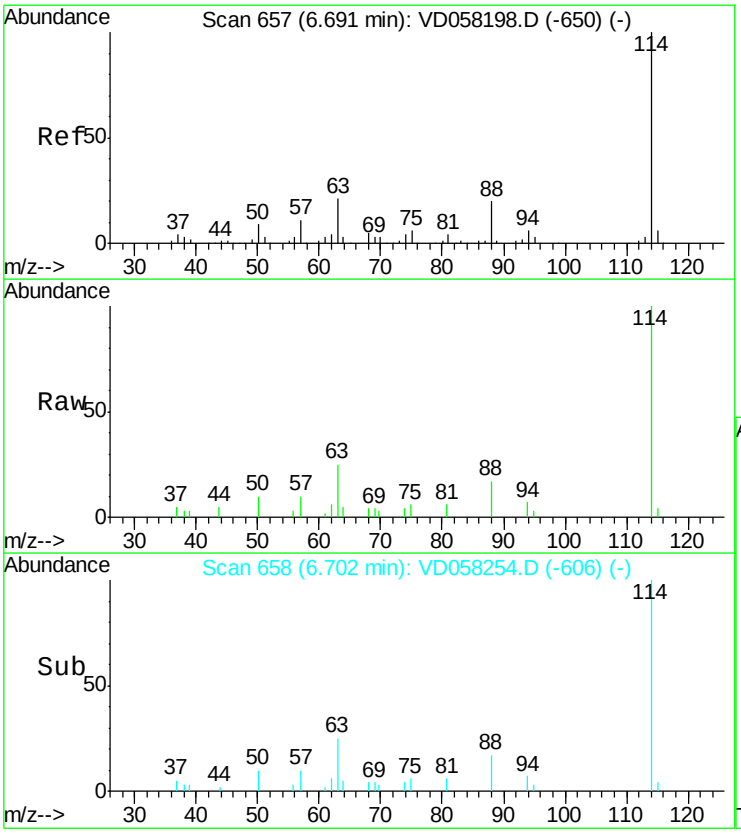
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.03 min Scan# 590
Delta R.T. 0.02 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument : MSVOA_D
ClientSampleId : 26KV-TP-2

Tgt Ion: 65 Resp: 23731

Ion	Ratio	Lower	Upper
65	100		
67	41.9	0.0	97.8

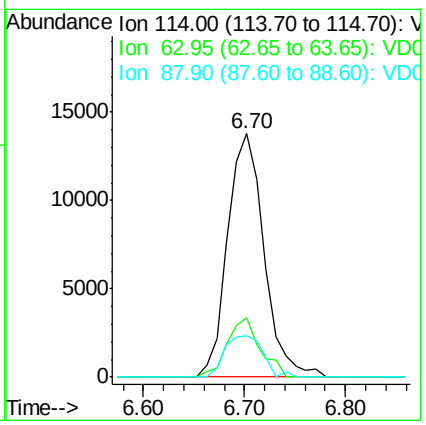


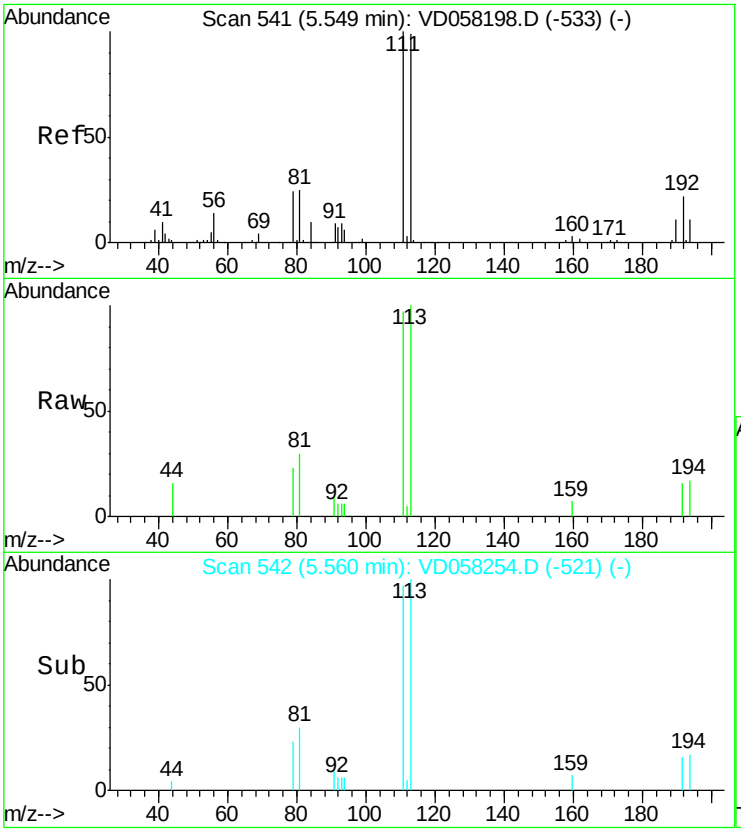


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.70 min Scan# 658
Delta R.T. 0.01 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Tgt Ion:114 Resp: 34573

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	42.6
88	16.9	0.0	40.6



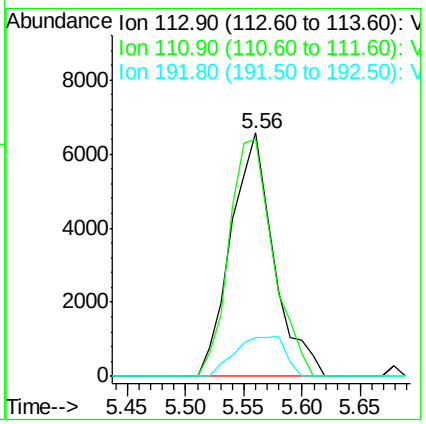


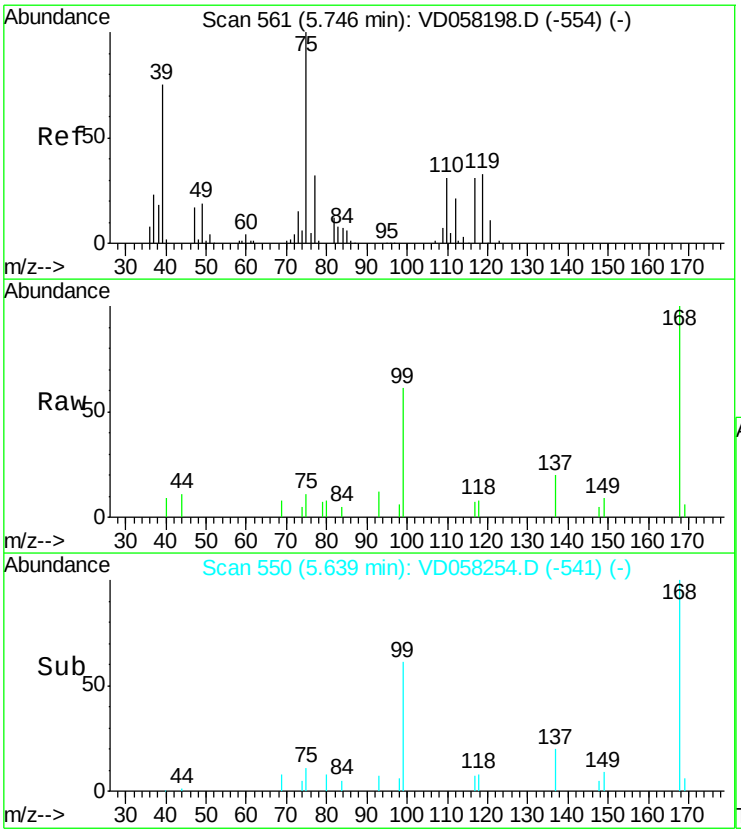
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.56 min Scan# 542
Delta R.T. 0.01 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-2

Tgt Ion:113 Resp: 16694

Ion	Ratio	Lower	Upper
113	100		
111	97.3	80.6	121.0
192	16.0	17.8	26.6#

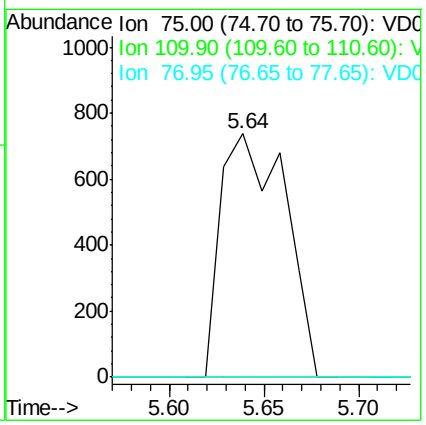


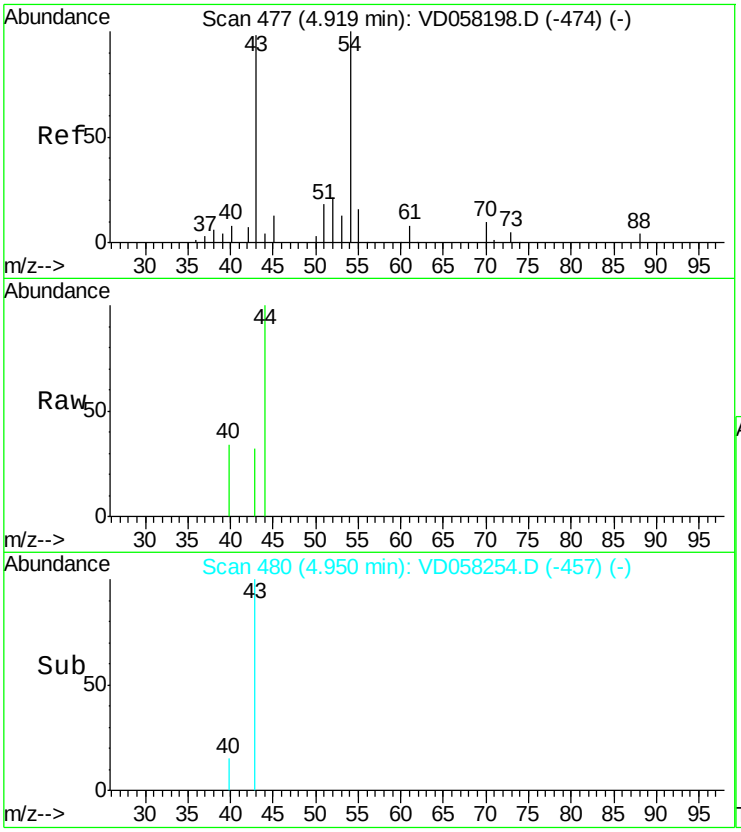


#36
1,1-Dichloropropene
Concen: 5.082 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.11 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 75 Resp: 1738

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



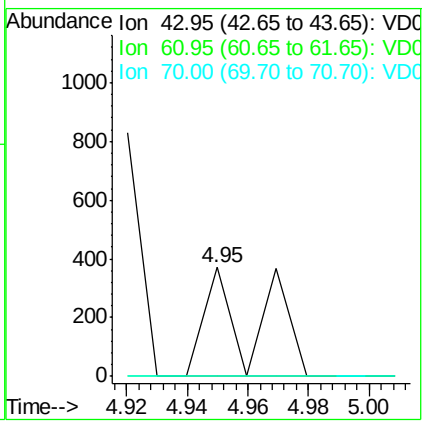


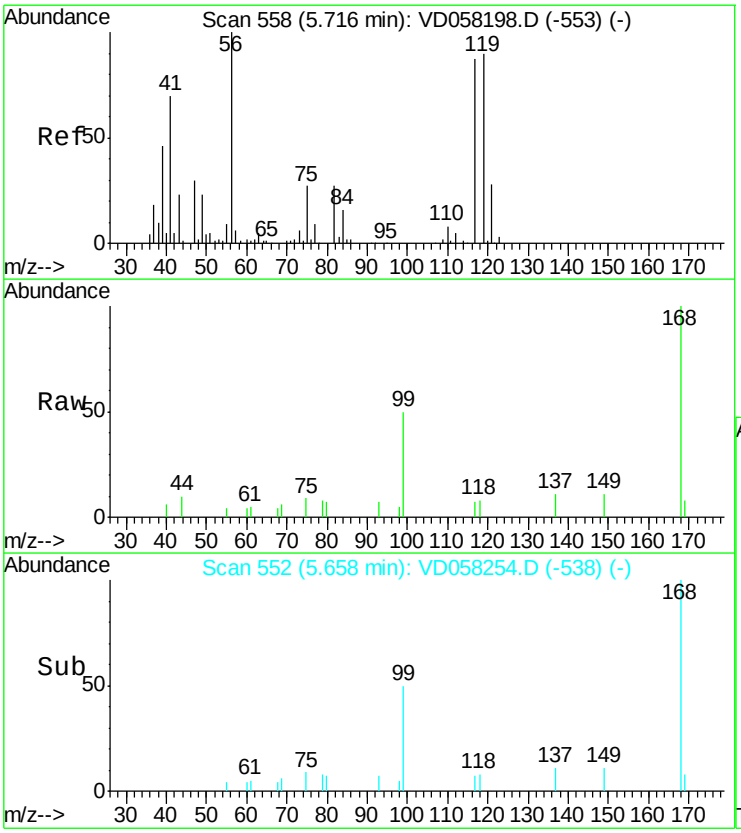
#37
Ethyl Acetate
Concen: 2.237 ug/l
RT: 4.95 min Scan# 480
Delta R.T. 0.03 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument : MSVOA_D
ClientSampleId : 26KV-TP-2

Tgt Ion: 43 Resp: 436

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

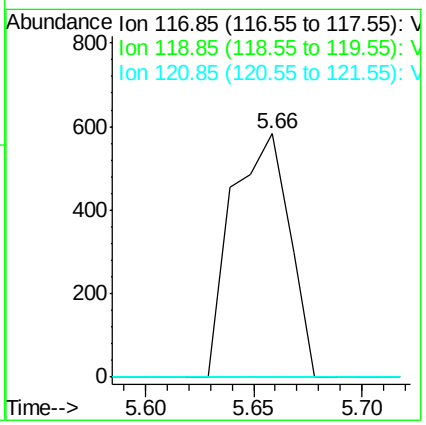


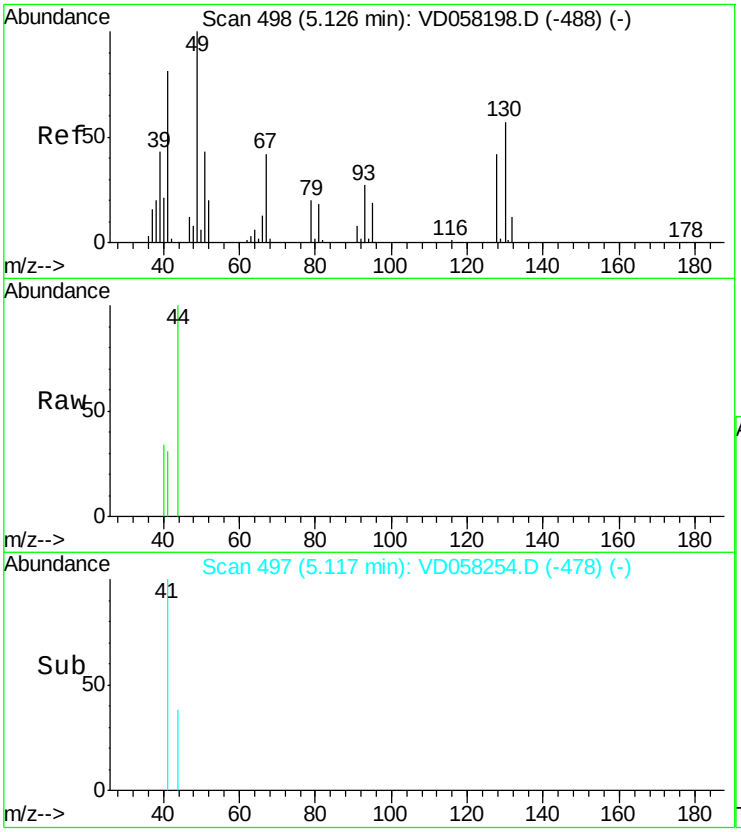


#38
Carbon Tetrachloride
Concen: 3.169 ug/l
RT: 5.66 min Scan# 552
Delta R.T. -0.06 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Tgt Ion:117 Resp: 1077

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



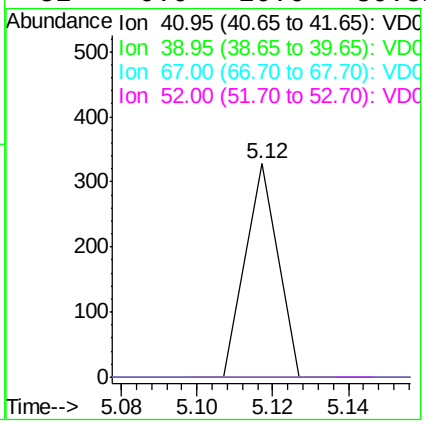


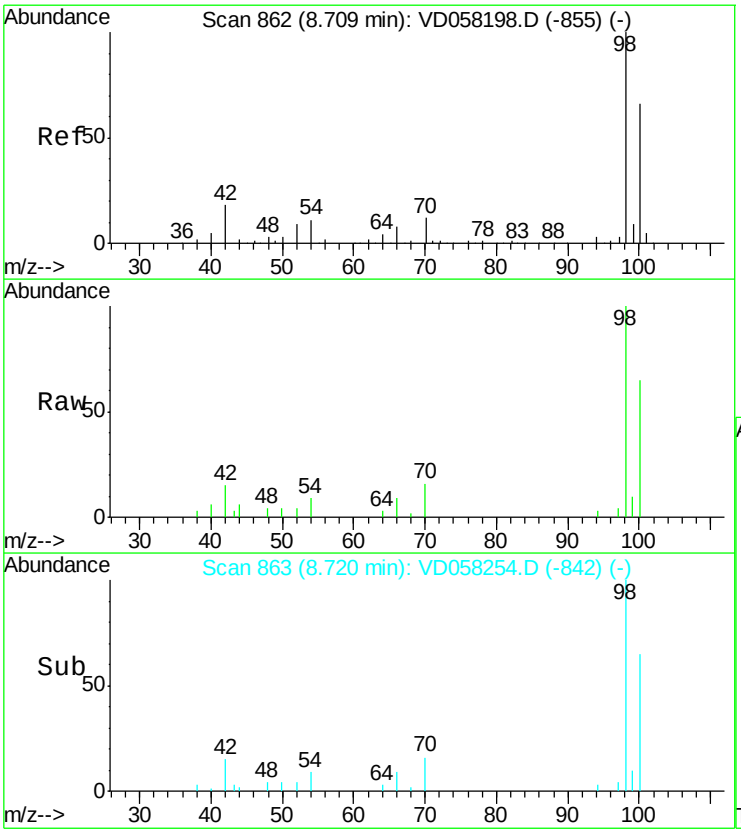
#41
Methacrylonitrile
Concen: 2.062 ug/l
RT: 5.12 min Scan# 497
Delta R.T. -0.01 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument : MSVOA_D
ClientSampleId : 26KV-TP-2

Tgt Ion: 41 Resp: 194

Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.4	65.2#
67	0.0	41.7	62.5#
52	0.0	20.6	30.8#

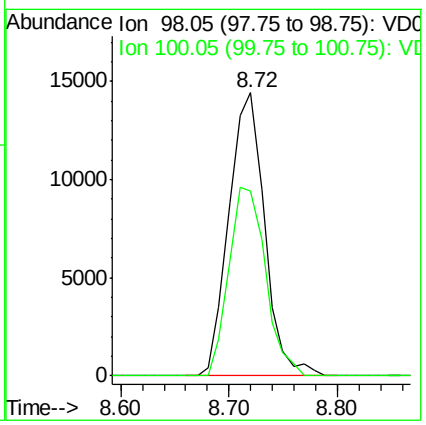


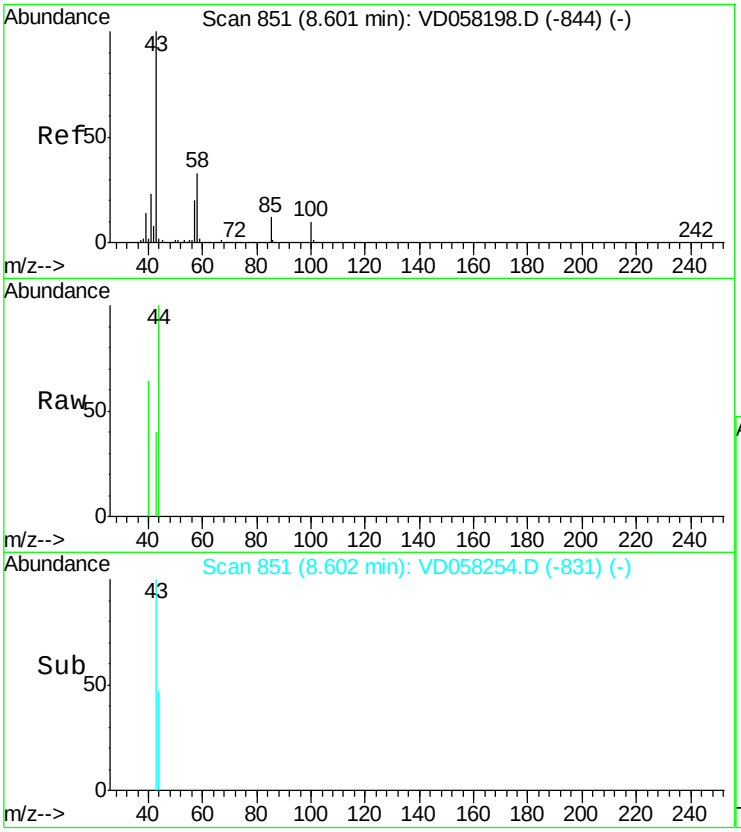


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 98 Resp: 33071

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.6	80.4



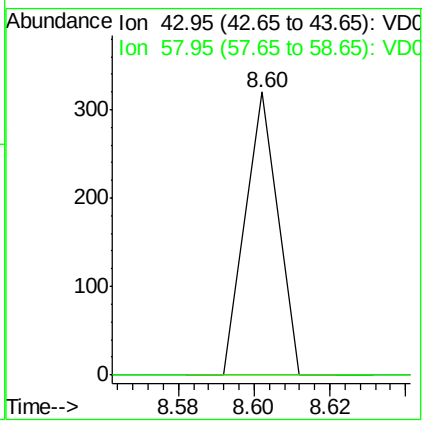


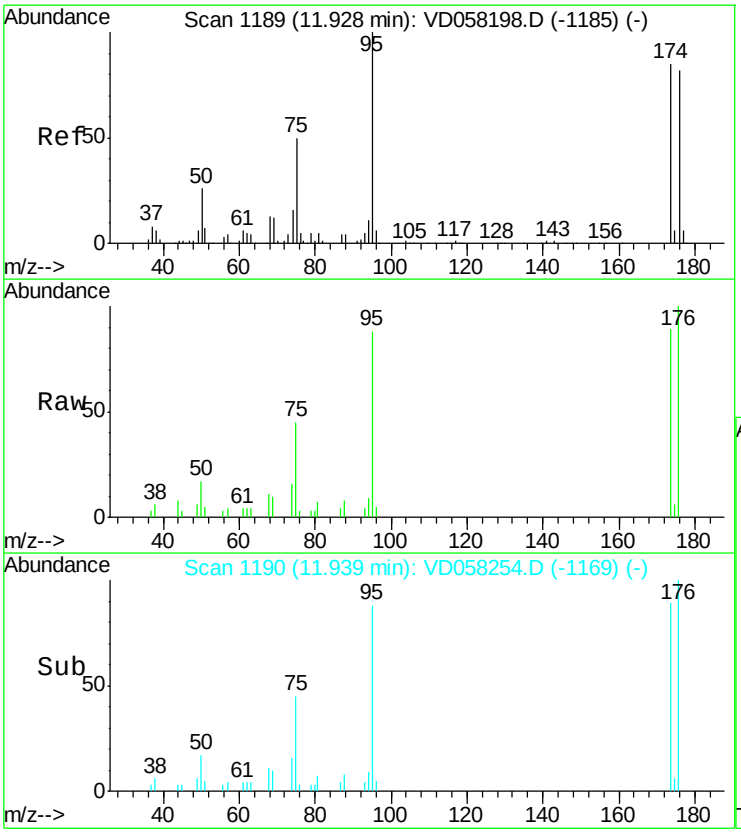
#51
4-Methyl-2-Pentanone
Concen: 1.115 ug/l
RT: 8.60 min Scan# 851
Delta R.T. 0.00 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument : MSVOA_D
ClientSampleId : 26KV-TP-2

Tgt Ion: 43 Resp: 189

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.7	40.1#

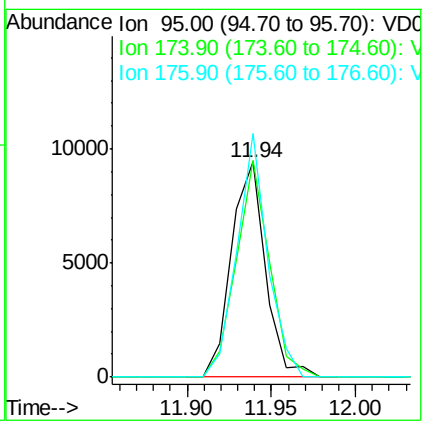


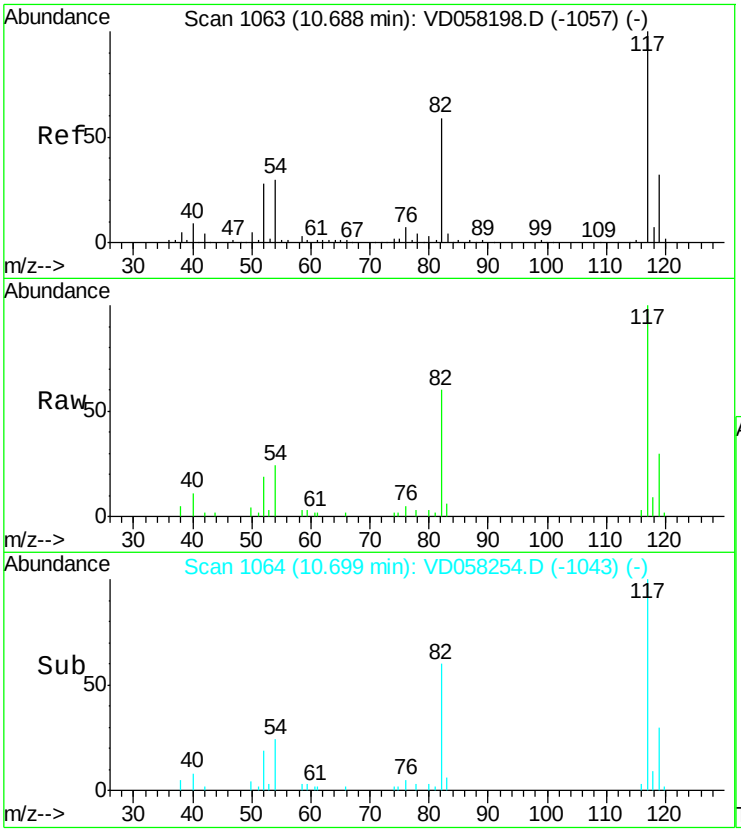


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Tgt Ion: 95 Resp: 13193

Ion	Ratio	Lower	Upper
95	100		
174	100.6	0.0	170.2
176	113.1	0.0	164.6



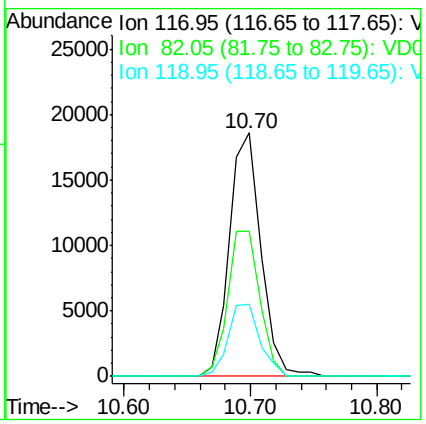


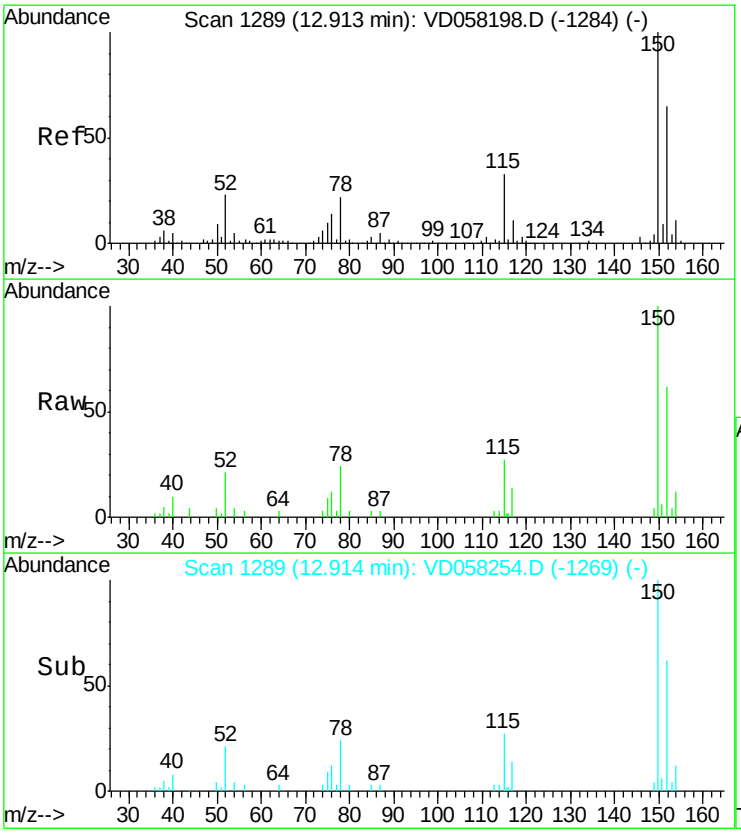
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument : MSVOA_D
ClientSampleId : 26KV-TP-2

Tgt Ion:117 Resp: 31973

Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.0	70.6
119	29.5	25.3	37.9

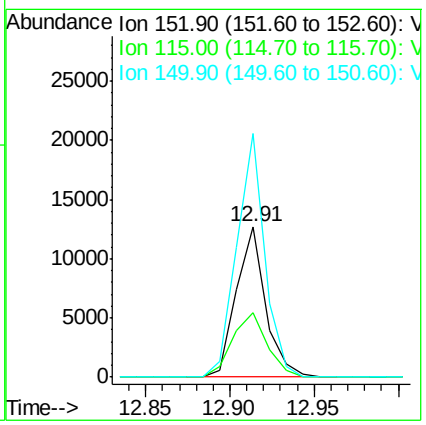


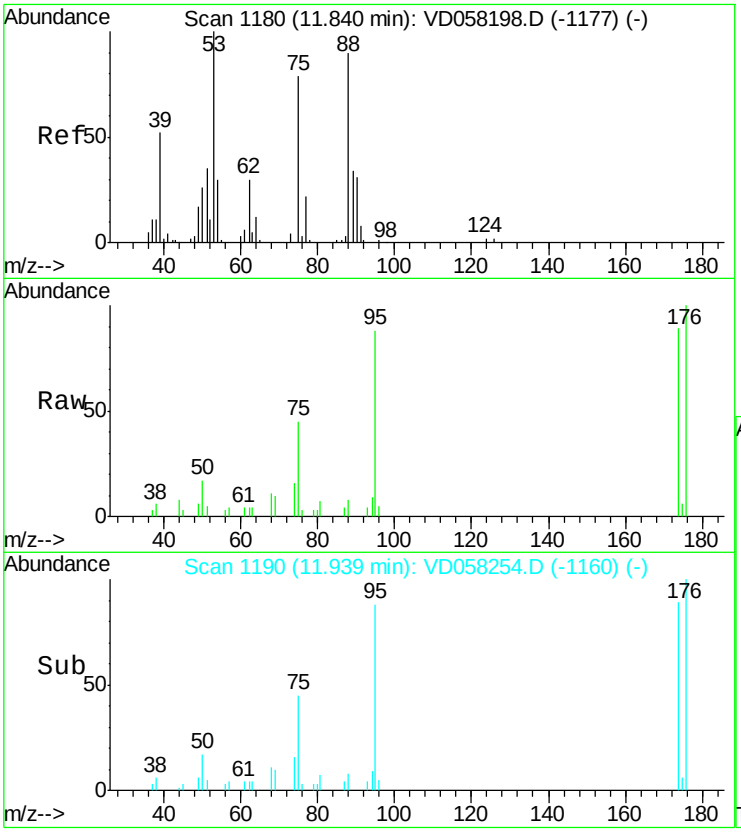


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Tgt Ion:152 Resp: 15400

Ion	Ratio	Lower	Upper
152	100		
115	46.1	25.1	75.3
150	161.5	0.0	308.8



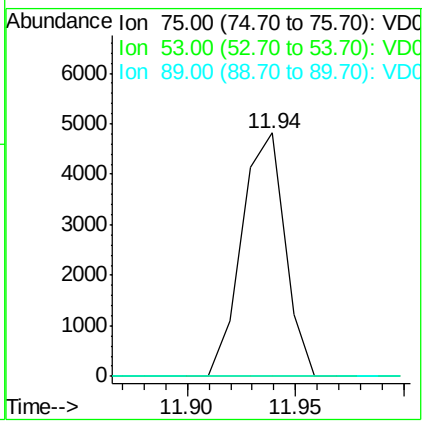


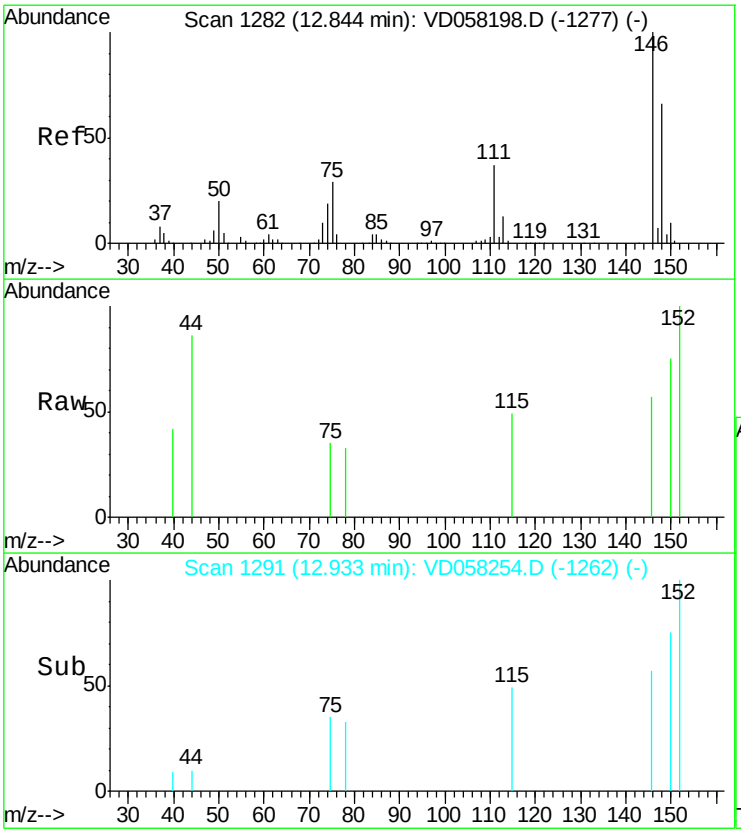
#81
trans-1,4-Dichloro-2-butene
Concen: 121.230 ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.10 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument : MSVOA_D
ClientSampleId : 26KV-TP-2

Tgt Ion: 75 Resp: 6648

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

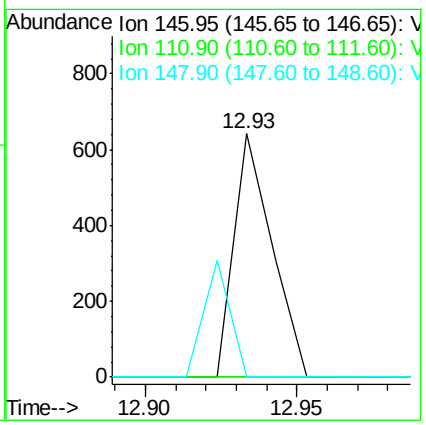


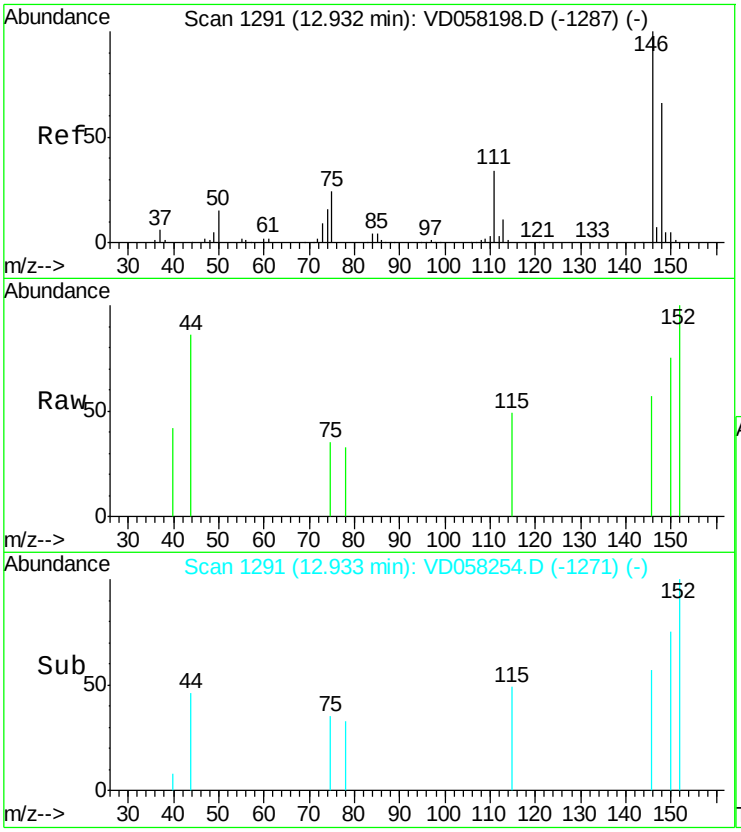


#87
1,3-Dichlorobenzene
Concen: 1.166 ug/l
RT: 12.93 min Scan# 1291
Delta R.T. 0.09 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Tgt Ion:146 Resp: 559

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.4	55.0#
148	0.0	32.8	98.4#



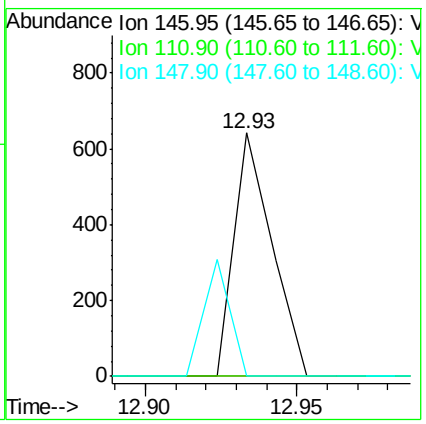


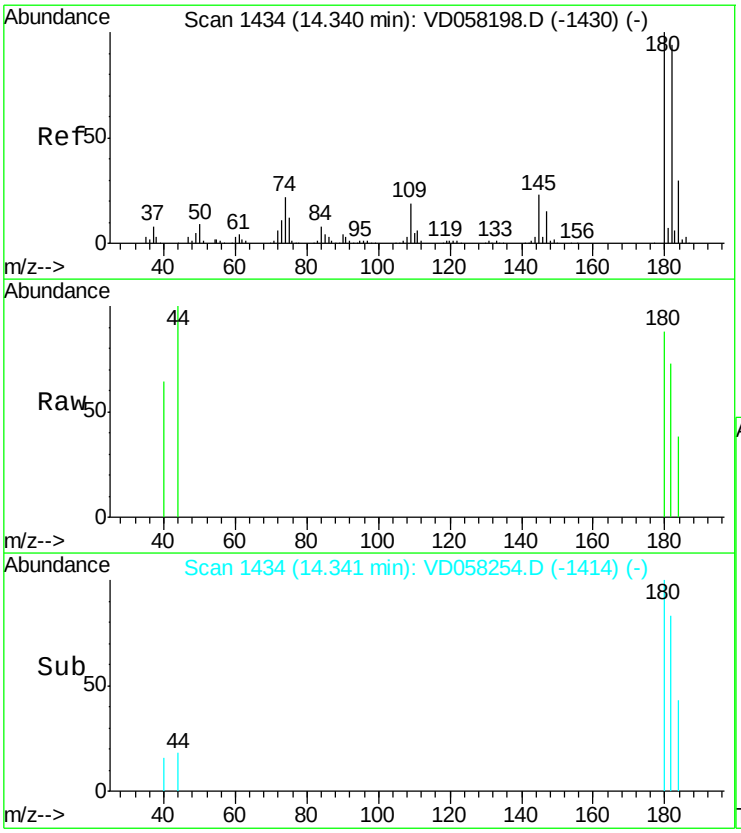
#88
1,4-Dichlorobenzene
Concen: 1.194 ug/l
RT: 12.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument : MSVOA_D
ClientSampleId : 26KV-TP-2

Tgt Ion:146 Resp: 559

Ion	Ratio	Lower	Upper
146	100		
111	0.0	17.2	51.5#
148	0.0	33.1	99.3#

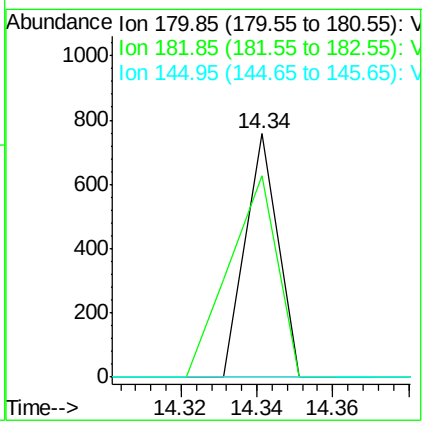


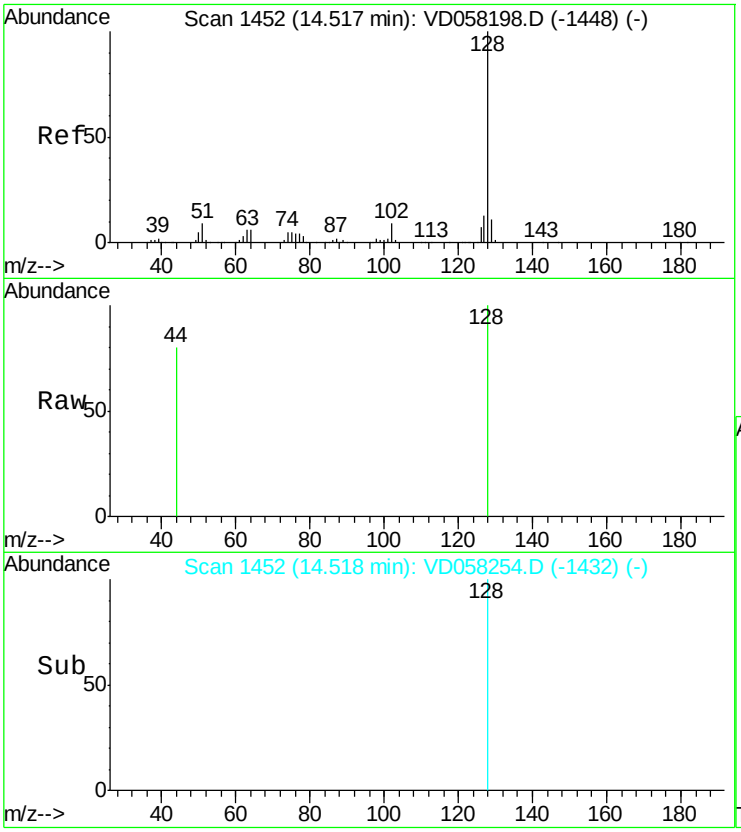


#93
1,2,4-Trichlorobenzene
Concen: 1.148 ug/l
RT: 14.34 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Tgt Ion:180 Resp: 448

Ion	Ratio	Lower	Upper
180	100		
182	82.6	47.1	141.3
145	0.0	11.7	35.0#





#95
Naphthalene
Concen: 2.747 ug/l
RT: 14.52 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VD058254.D
Acq: 21 Jun 2018 16:03

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-2

Tgt Ion:128 Resp: 1412

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.7	13.1#