Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060818\
Data File : VD058033.D
Acq On : 8 Jun 2018 22:24
Operator : VA/AP
Sample : J3331-02RE
Misc : 5.79g/5ml/MSVOA_D/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jun 08 23:58:13 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	5.63	168	311377	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	403426	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.68	117	325341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	133266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	190530	61.21	ug/l	-0.02
Spiked Amount 50.000			Recovery = 122.42%			
35) Dibromofluoromethane	5.53	113	189354	60.66	ug/l	-0.03
Spiked Amount 50.000			Recovery = 121.32%			
50) Toluene-d8	8.69	98	437390	58.94	ug/l	-0.02
Spiked Amount 50.000			Recovery = 117.88%			
62) 4-Bromofluorobenzene	11.92	95	162443	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.36%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.24	59	474	5.684	ug/l #	74
13) Acrolein	2.59	56	242	2.026	ug/l #	16
16) Acetone	2.60	43	192885	430.068	ug/l	99
18) Methyl Acetate	2.92	43	2239	2.581	ug/l #	66
20) Methylene Chloride	3.06	84	4913	Below Cal		92
25) 2-Butanone	4.81	43	77938	76.465	ug/l	96
29) Tetrahydrofuran	5.17	42	1399	2.618	ug/l #	58
31) Cyclohexane	5.62	56	8132	1.502	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	28751	6.469	ug/l #	52
37) Ethyl Acetate	4.81	43	77938	32.136	ug/l #	72
38) Carbon Tetrachloride	5.63	117	26970	6.157	ug/l #	15
81) trans-1,4-Dichloro-2-buten	11.92	75	77820	156.950	ug/l #	6
82) 4-Chlorotoluene	12.32	91	572	Below Cal	#	50
89) n-Butylbenzene	13.19	91	901	Below Cal	#	30

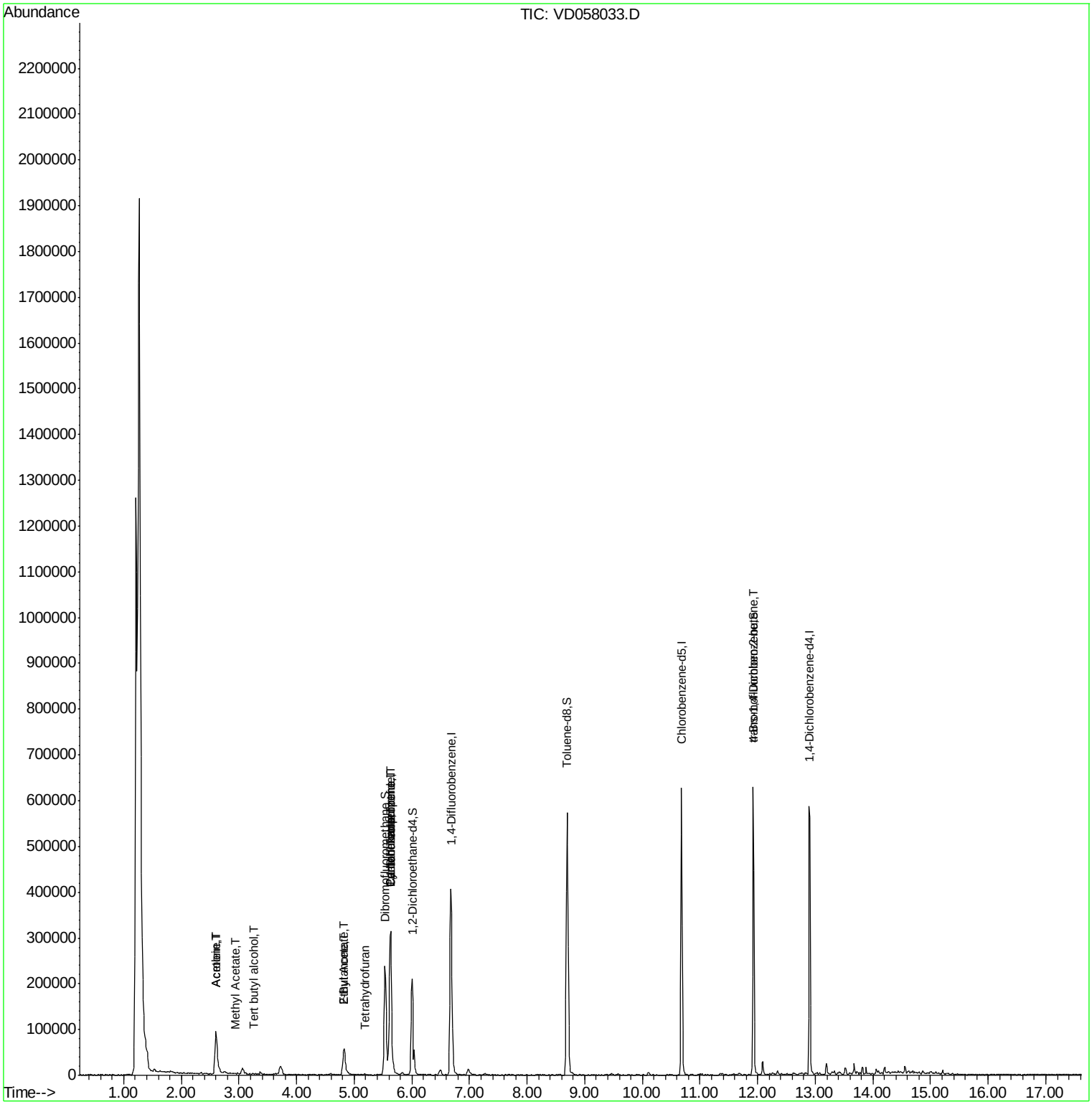
(#) = qualifier out of range (m) = manual integration (+) = signals summed

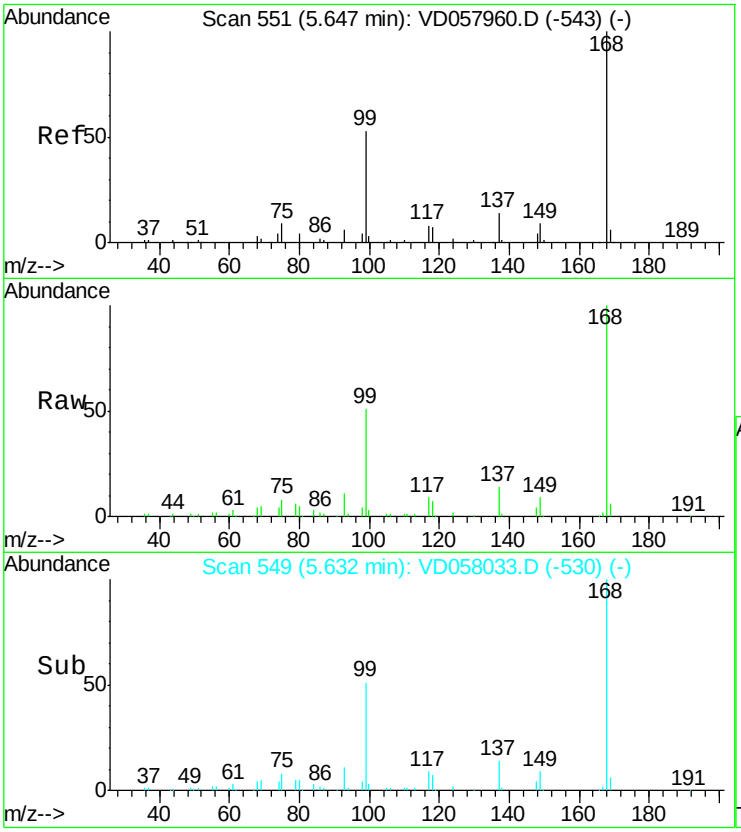
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
Data File : VD058033.D
Acq On : 8 Jun 2018 22:24
Operator : VA/AP
Sample : J3331-02RE
Misc : 5.79g/5ml/MSVOA D/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 08 23:58:13 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



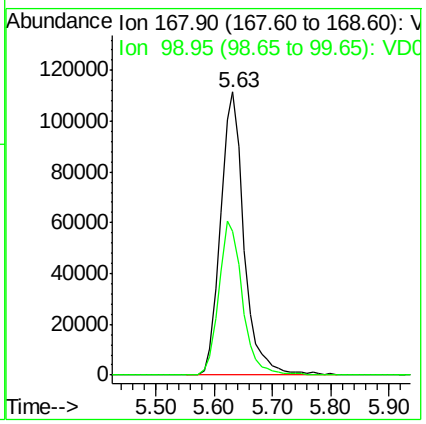


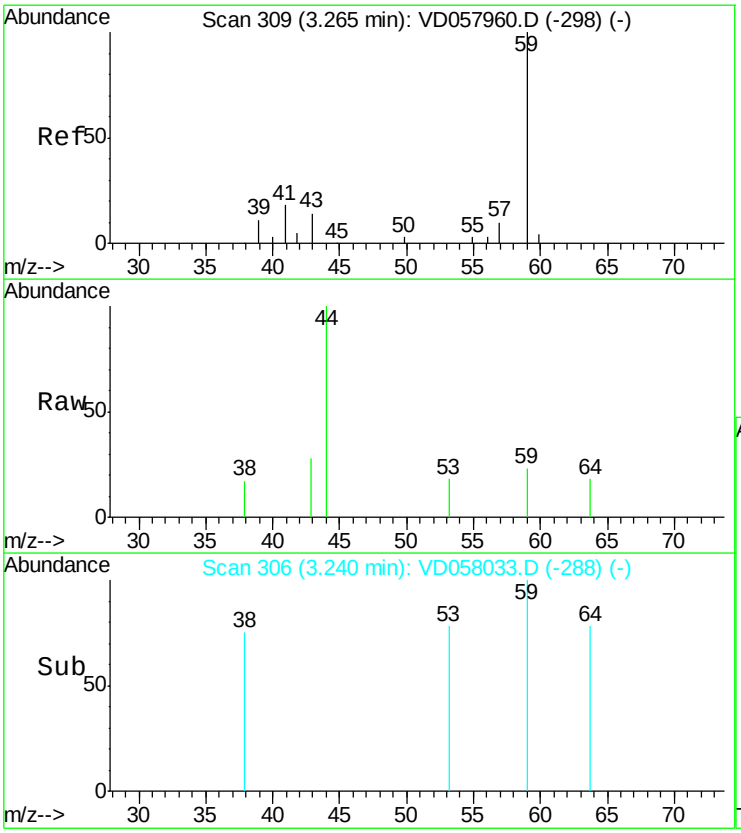
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.02 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 311377

Ion	Ratio	Lower	Upper
168	100		
99	50.8	46.8	70.2

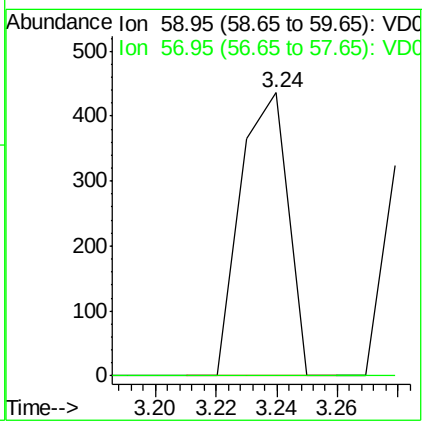


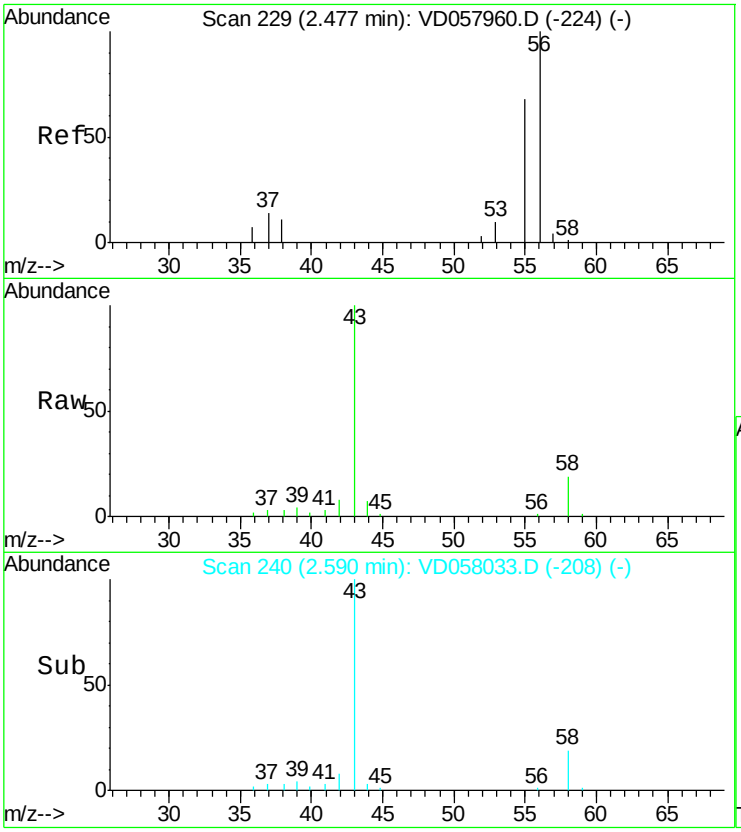


#11
Tert butyl alcohol
Concen: 5.684 ug/l
RT: 3.24 min Scan# 306
Delta R.T. -0.03 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Tgt Ion: 59 Resp: 474

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



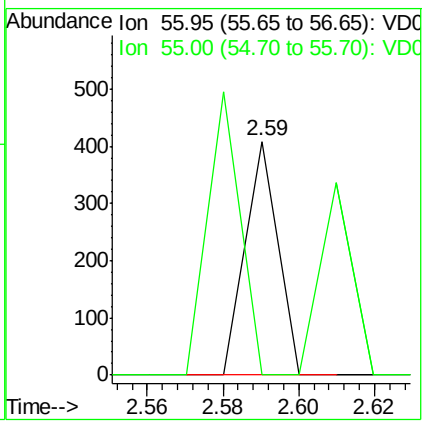


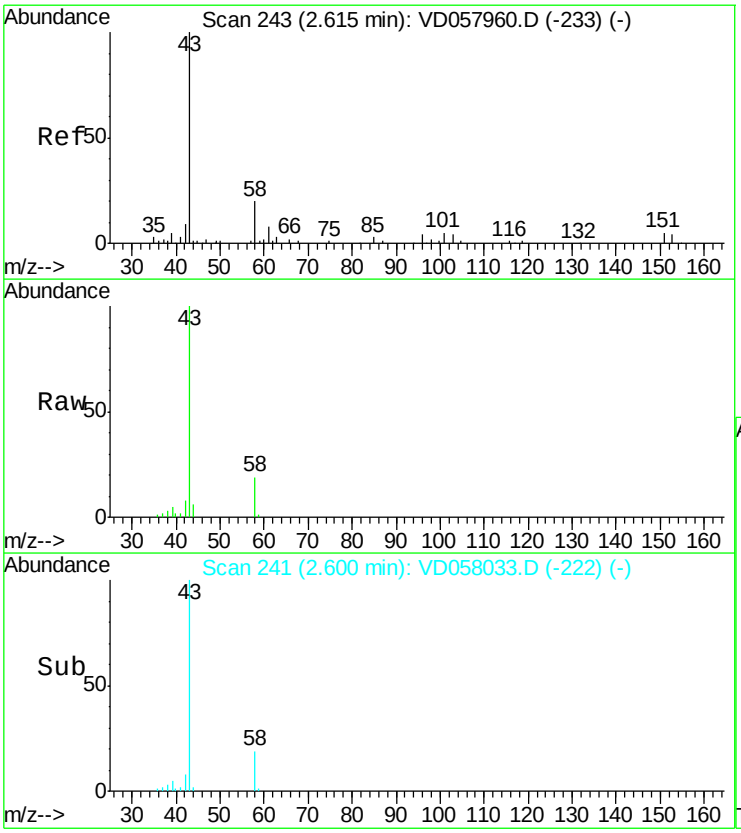
#13
Acrolein
Concen: 2.026 ug/l
RT: 2.59 min Scan# 240
Delta R.T. 0.11 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 242

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.0	81.0#

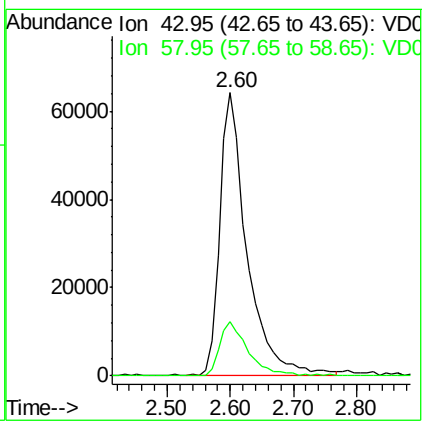


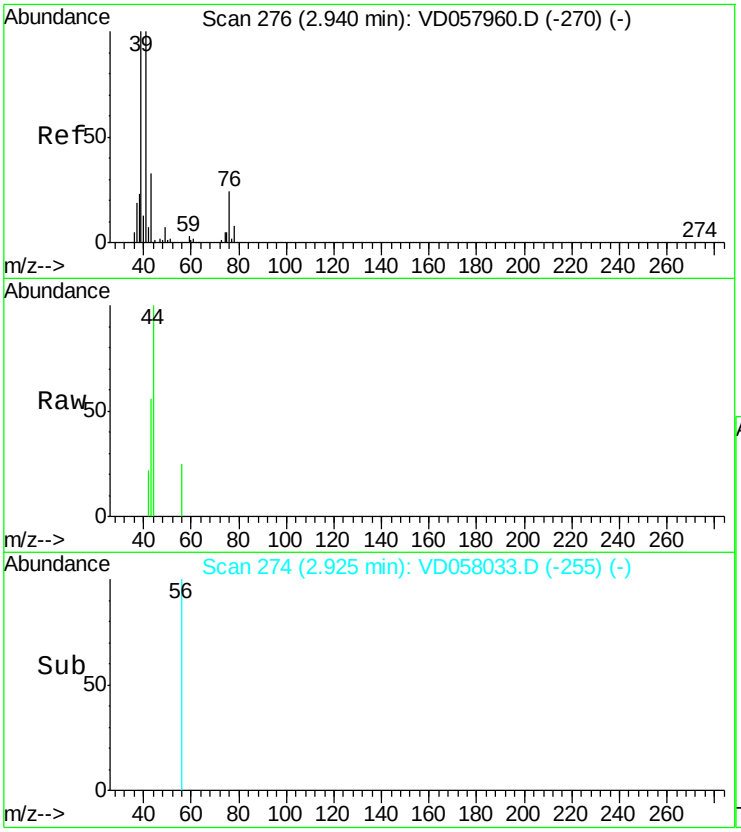


#16
Acetone
Concen: 430.068 ug/l
RT: 2.60 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Tgt Ion: 43 Resp: 192885

Ion	Ratio	Lower	Upper
43	100		
58	19.2	15.8	23.8



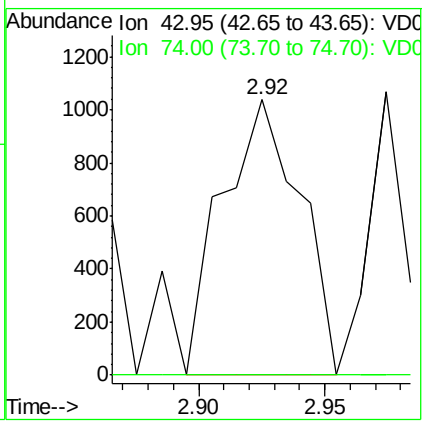


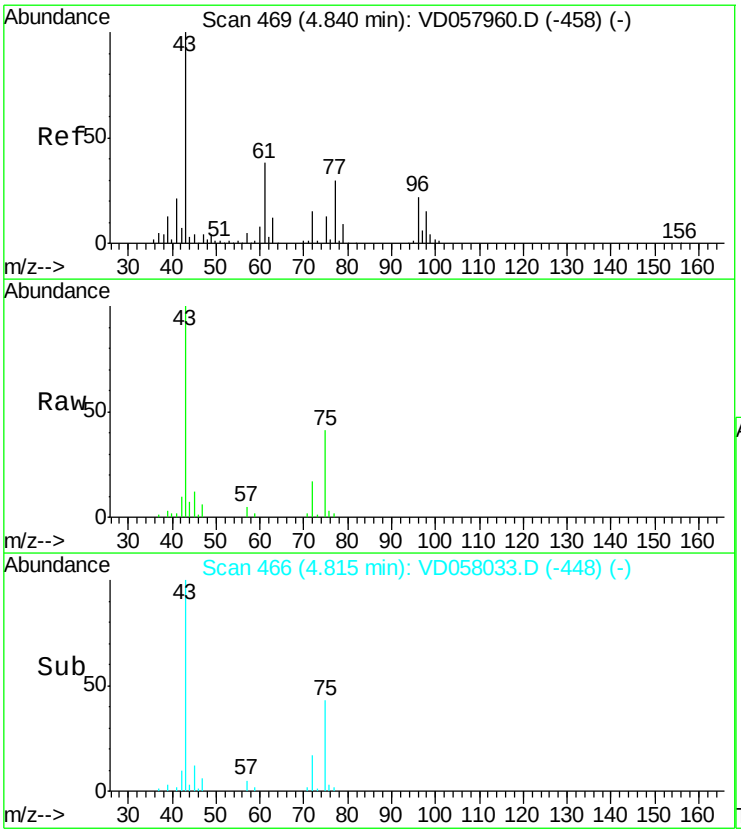
#18
Methyl Acetate
Concen: 2.581 ug/l
RT: 2.92 min Scan# 274
Delta R.T. -0.02 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 2239

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.2	16.8#

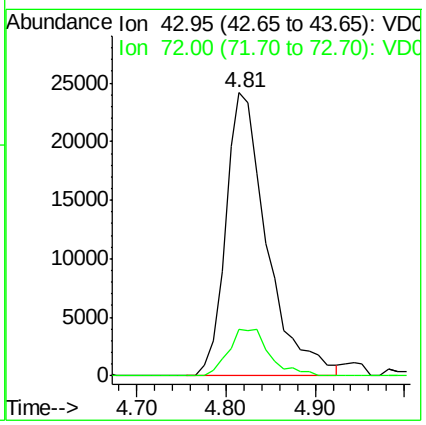


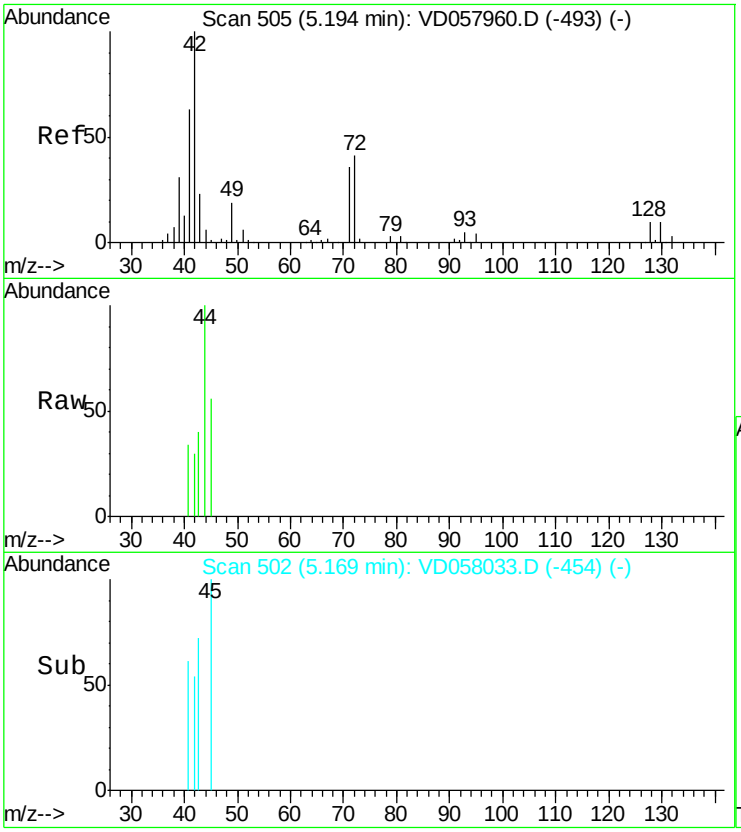


#25
2-Butanone
Concen: 76.465 ug/l
RT: 4.81 min Scan# 466
Delta R.T. -0.03 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Tgt Ion: 43 Resp: 77938

Ion	Ratio	Lower	Upper
43	100		
72	16.5	12.0	18.0



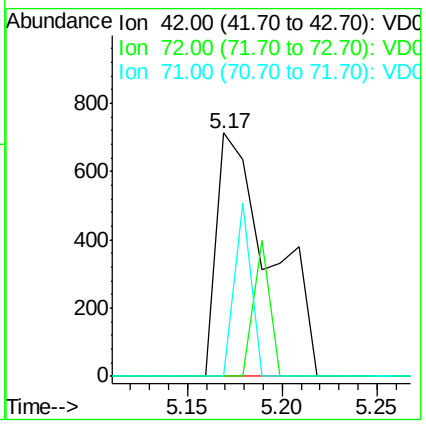


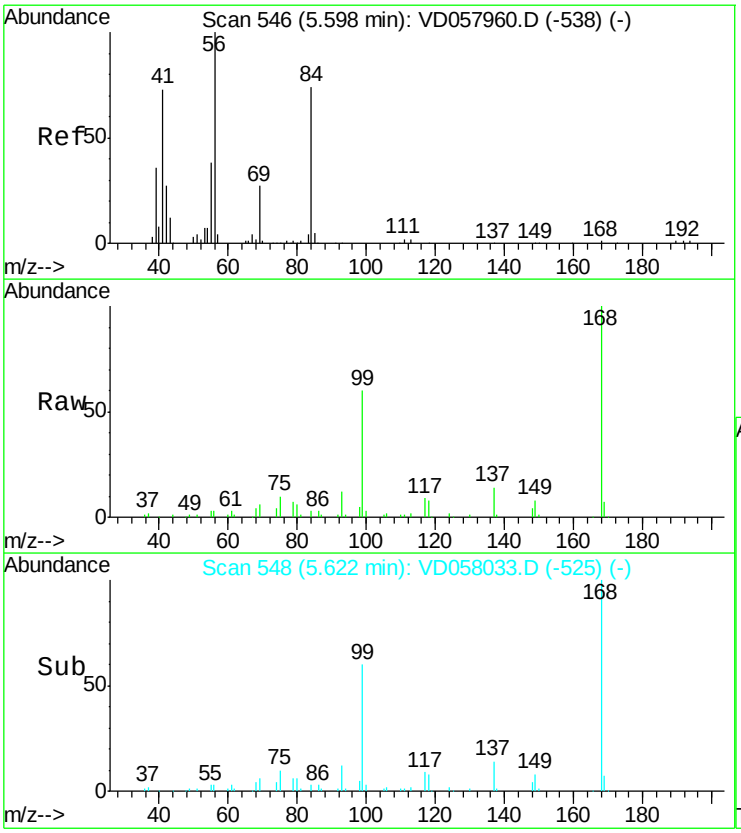
#29
Tetrahydrofuran
Concen: 2.618 ug/l
RT: 5.17 min Scan# 502
Delta R.T. -0.03 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 1399

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.5	42.7#
71	21.4	27.9	41.9#

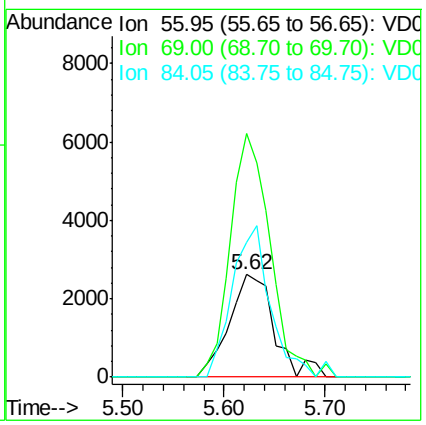


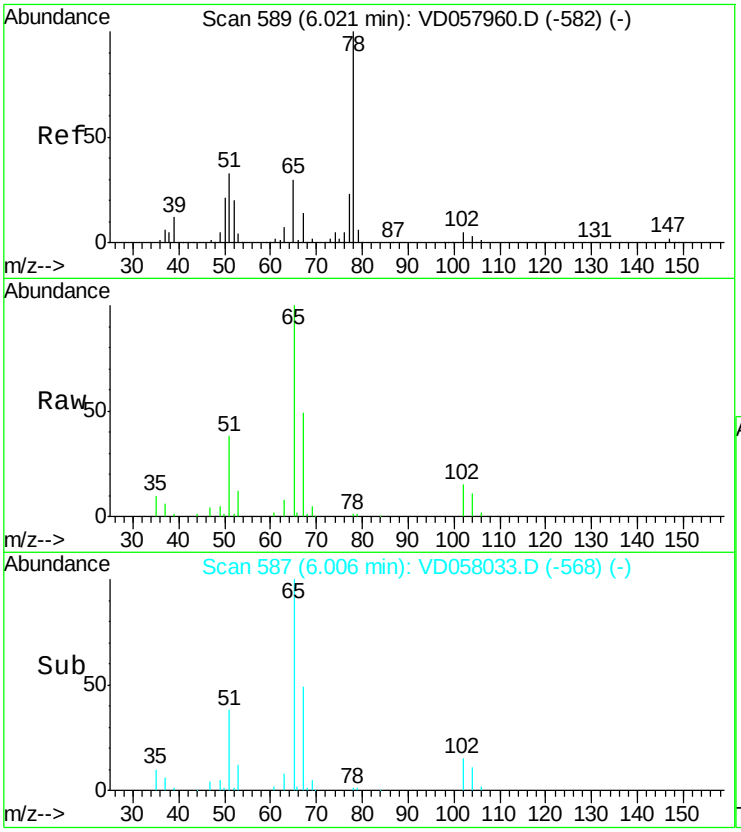


#31
Cyclohexane
Concen: 1.502 ug/l
RT: 5.62 min Scan# 548
Delta R.T. 0.02 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Tgt Ion: 56 Resp: 8132

Ion	Ratio	Lower	Upper
56	100		
69	237.6	21.5	32.3#
84	132.0	61.0	91.6#



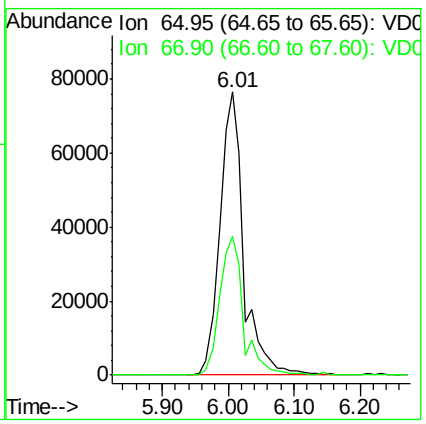


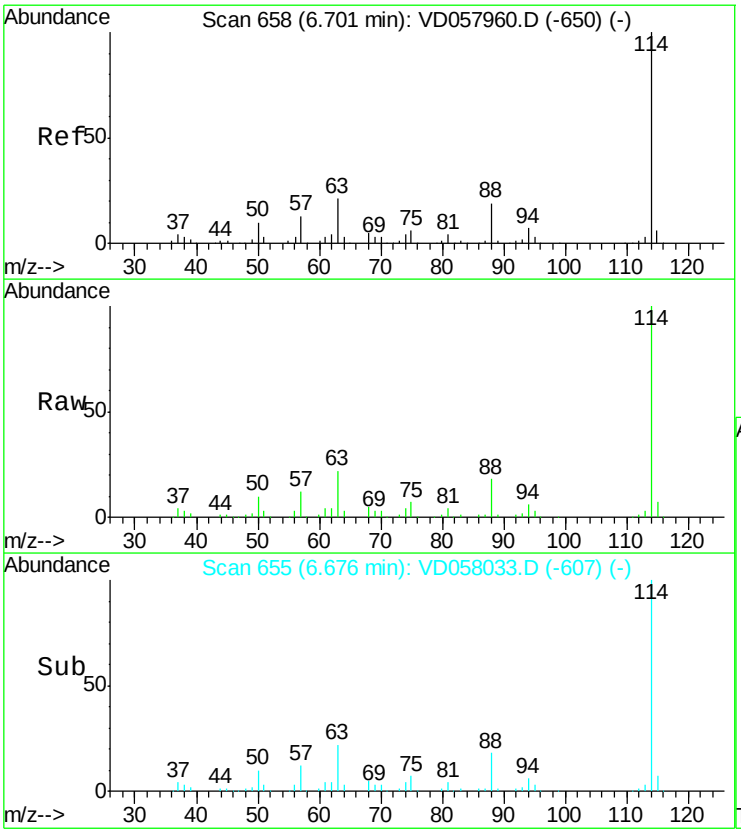
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 587
Delta R.T. -0.02 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 190530

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	94.0

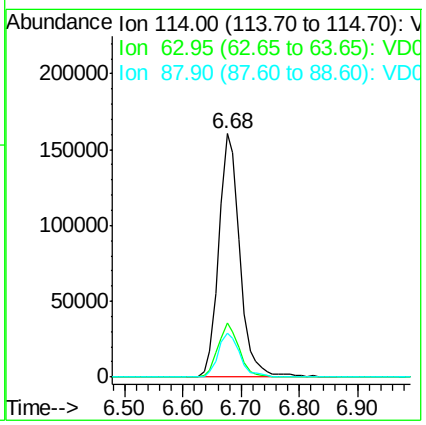


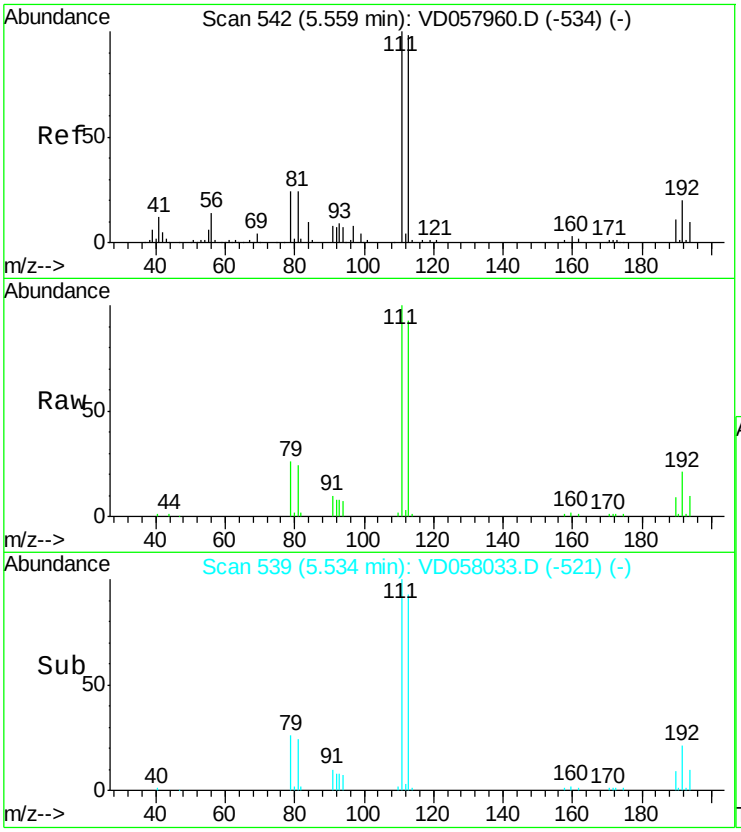


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.68 min Scan# 655
Delta R.T. -0.03 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Tgt Ion:114 Resp: 403426

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	42.8
88	18.2	0.0	37.8



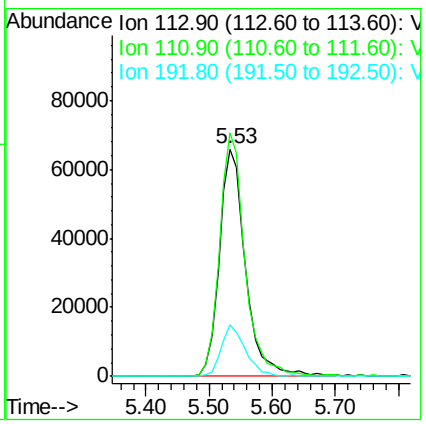


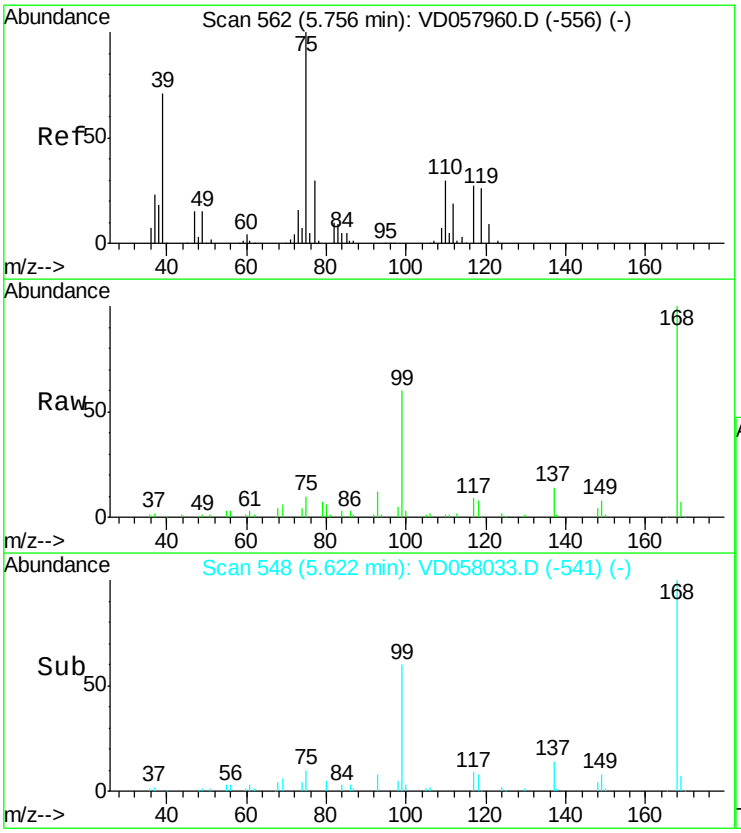
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.53 min Scan# 539
Delta R.T. -0.03 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 189354

Ion	Ratio	Lower	Upper
113	100		
111	107.1	81.5	122.3
192	22.6	16.4	24.6

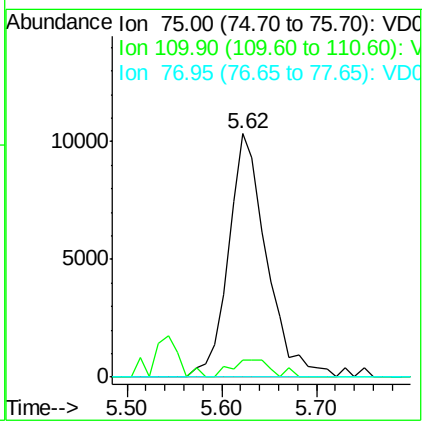


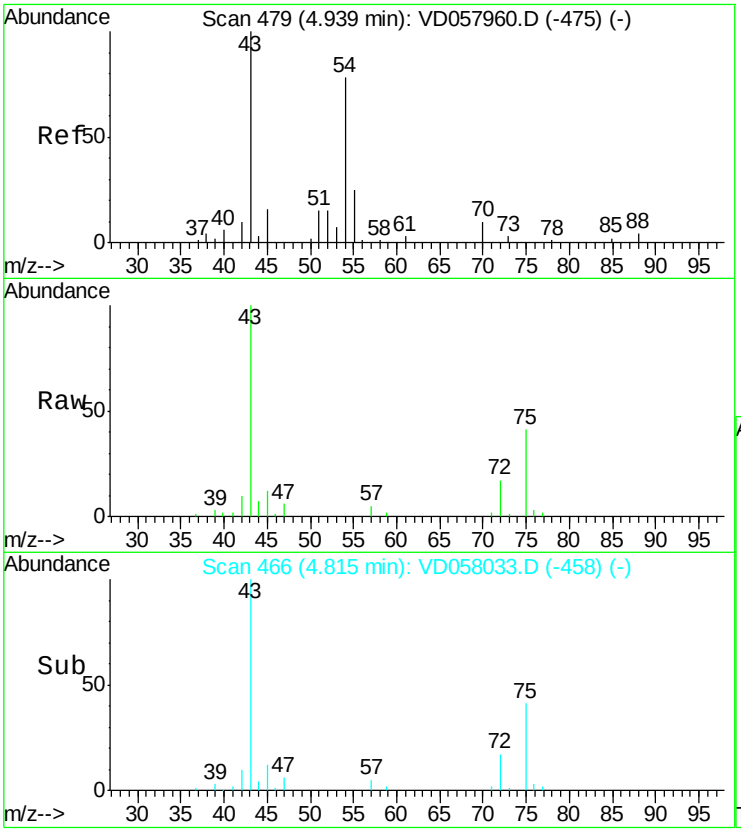


#36
1,1-Dichloropropene
Concen: 6.469 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.13 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Tgt Ion: 75 Resp: 28751

Ion	Ratio	Lower	Upper
75	100		
110	7.1	14.8	44.3#
77	0.0	23.9	35.9#



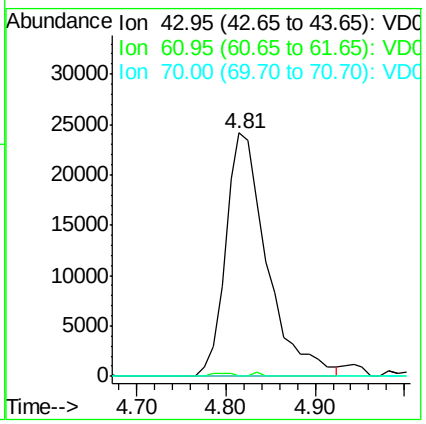


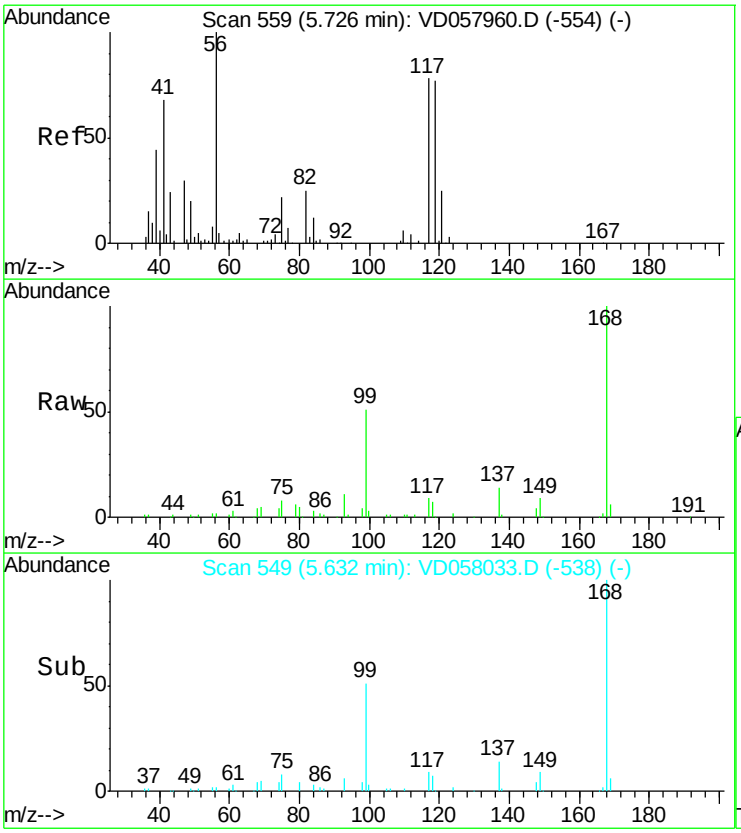
#37
Ethyl Acetate
Concen: 32.136 ug/l
RT: 4.81 min Scan# 466
Delta R.T. -0.12 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 77938

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.9	14.9#
70	0.0	5.7	8.5#

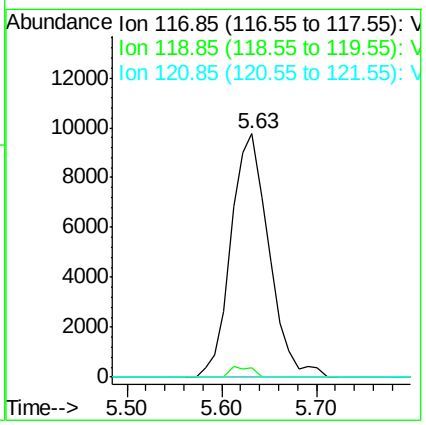


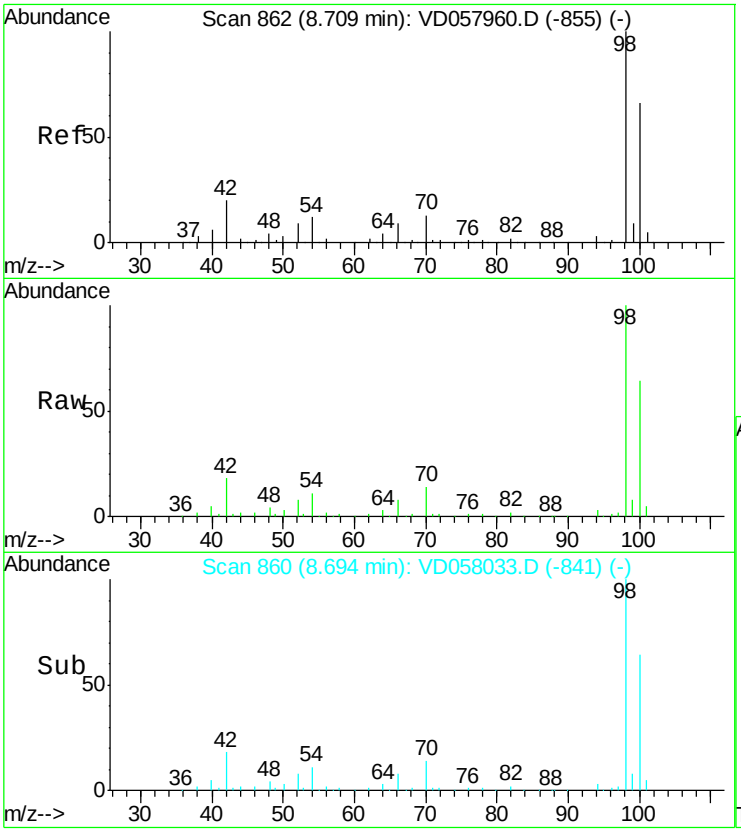


#38
Carbon Tetrachloride
Concen: 6.157 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.09 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Tgt Ion:117 Resp: 26970

Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.1	114.1#
121	0.0	24.9	37.3#



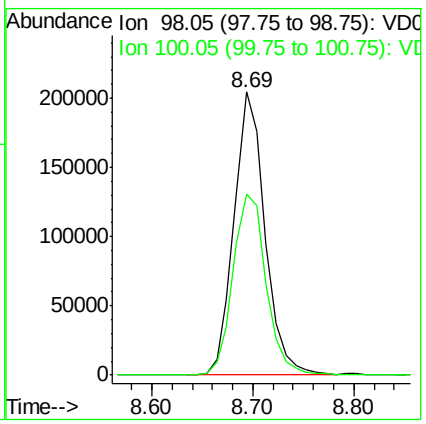


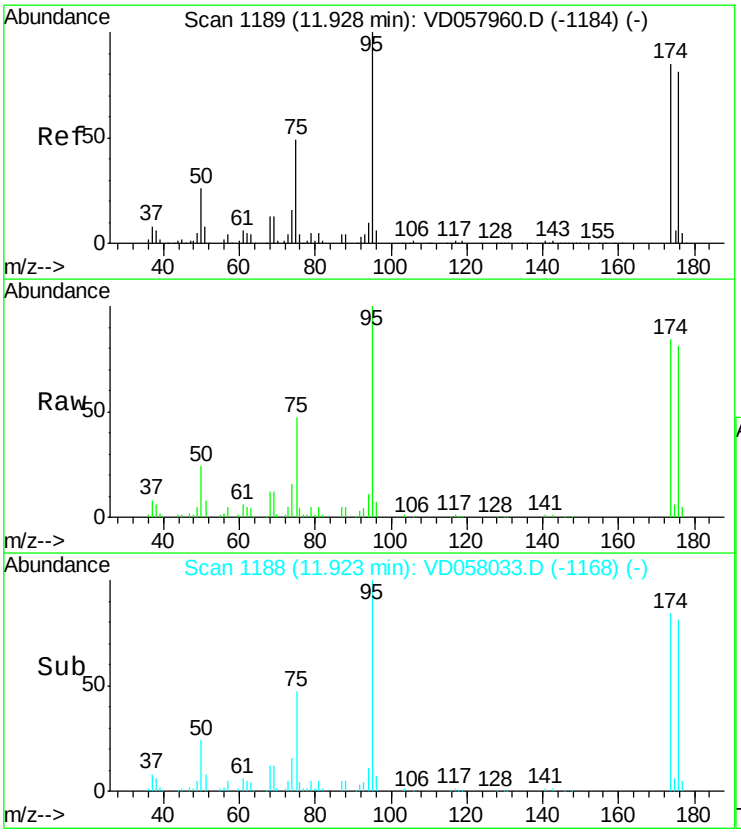
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 437390

Ion	Ratio	Lower	Upper
98	100		
100	64.0	53.4	80.0

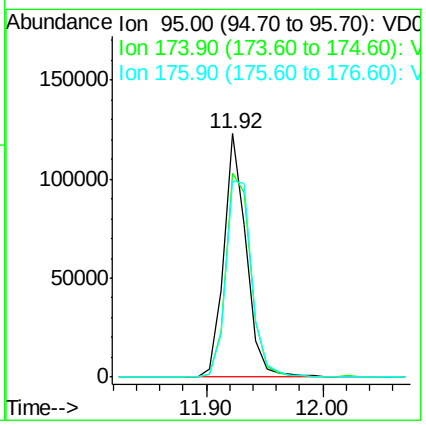


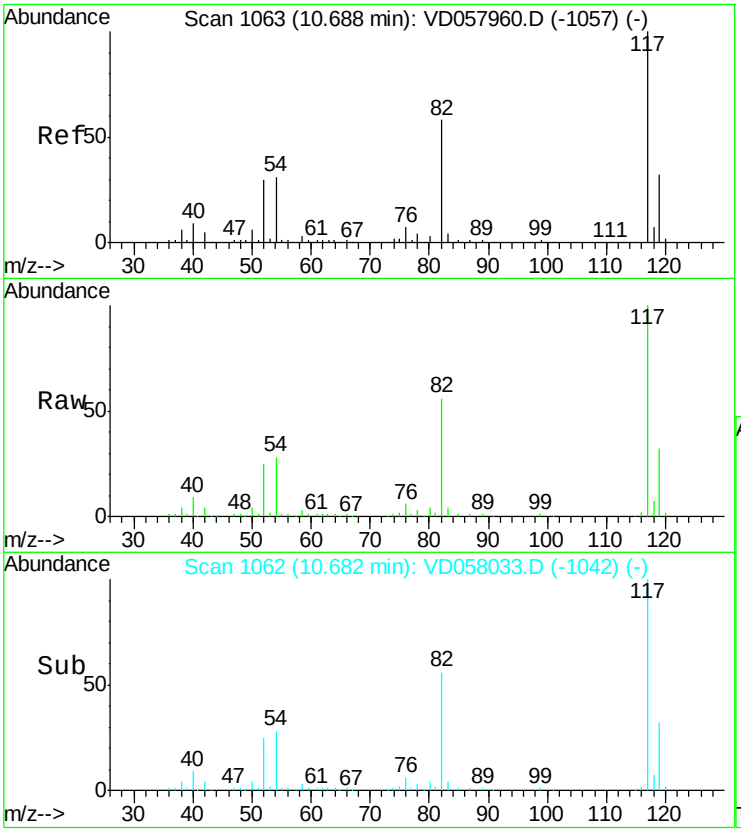


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Tgt Ion: 95 Resp: 162443

Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	169.4
176	80.6	0.0	162.6



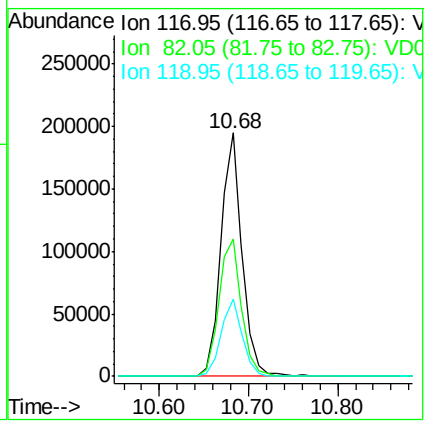


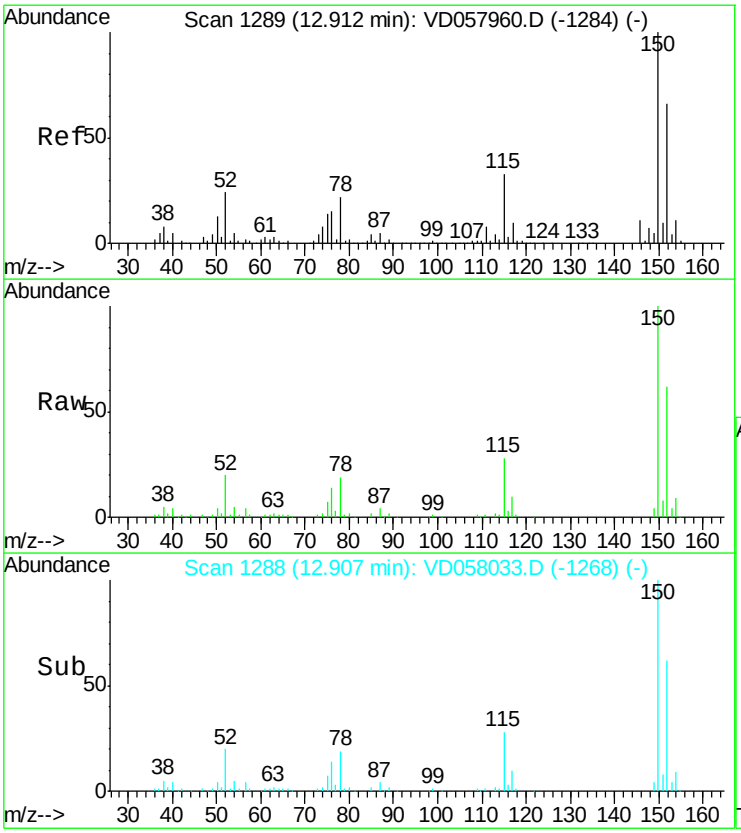
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 325341

Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.8	70.2
119	31.7	25.8	38.6

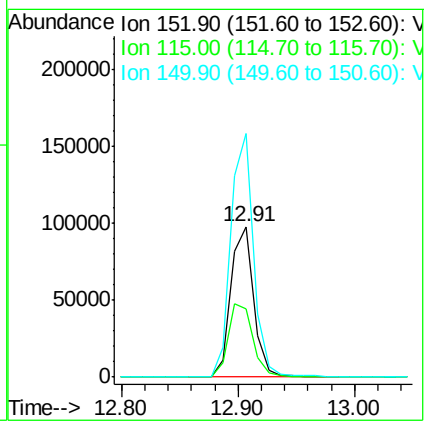


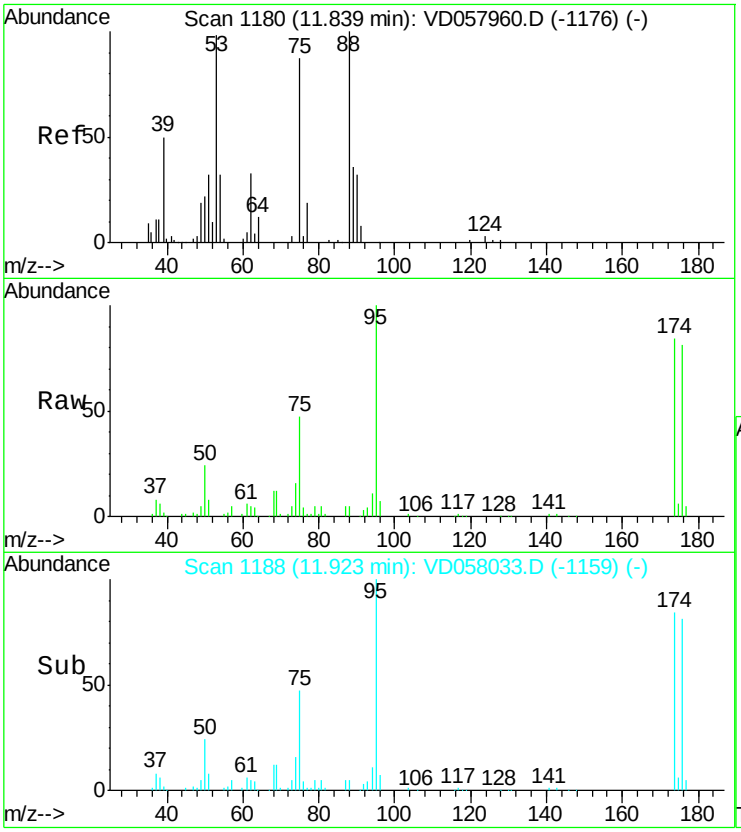


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Tgt Ion:152 Resp: 133266

Ion	Ratio	Lower	Upper
152	100		
115	45.4	25.6	76.6
150	161.8	0.0	306.8



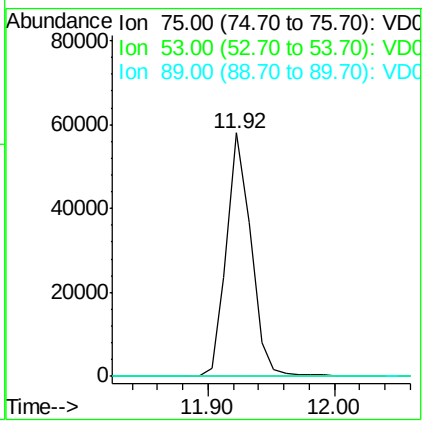


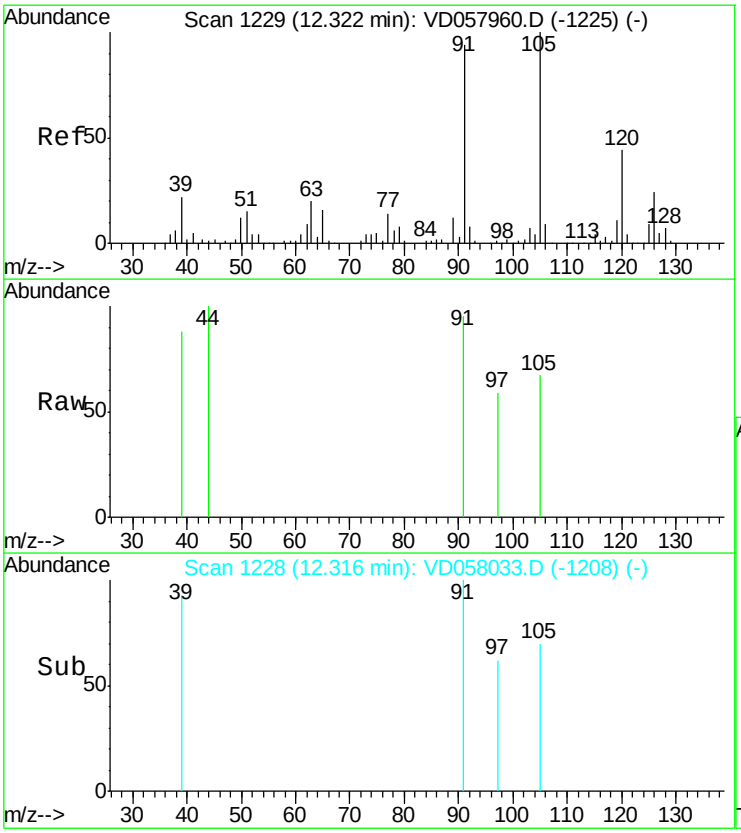
#81
trans-1,4-Dichloro-2-butene
Concen: 156.950 ug/l
RT: 11.92 min Scan# 1188
Delta R.T. 0.08 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 77820

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

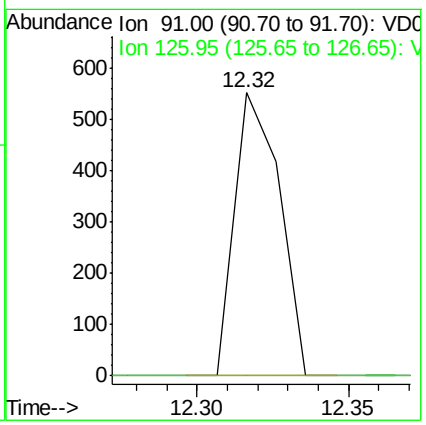


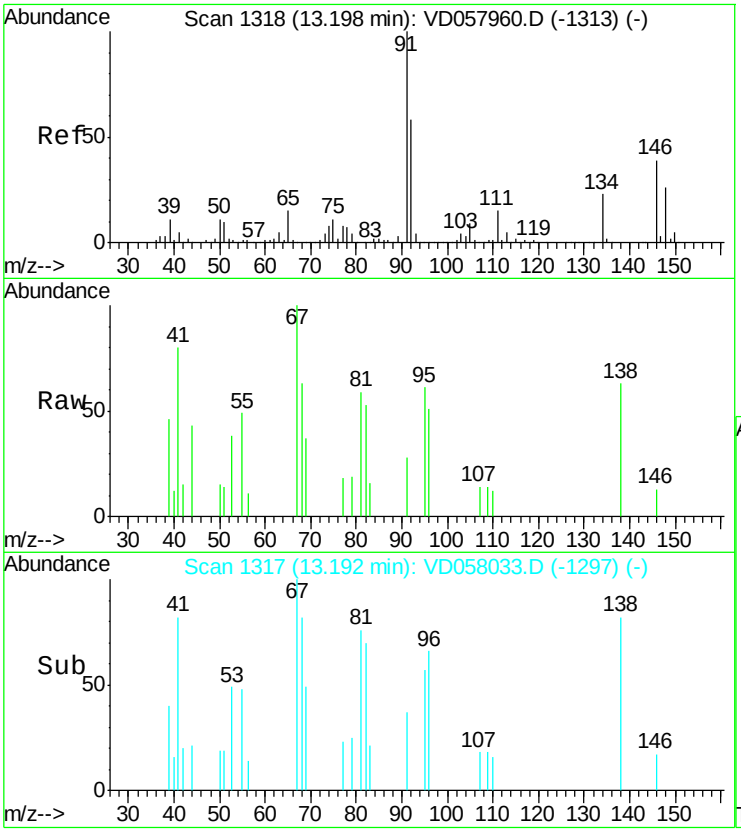


#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.32 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Tgt Ion: 91 Resp: 572

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.5	37.5#





#89
n-Butylbenzene
Concen: Below Cal
RT: 13.19 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD058033.D
Acq: 8 Jun 2018 22:24

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 901

Ion	Ratio	Lower	Upper
91	100		
92	0.0	29.2	87.6#
134	0.0	11.3	33.9#