Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062218\
Data File : VD058323.D
Acq On : 23 Jun 2018 5:41
Operator : VA/AP
Sample : J3622-16
Misc : 5.02g/5ml/MSVOA_D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SP-D

Quant Time: Jun 25 00:54:51 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	5.66	168	640672	50.00 ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	872381	50.00 ug/l	0.01
63) Chlorobenzene-d5	10.70	117	683913	50.00 ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	328469	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.03	65	381623	58.97 ug/l	0.02
Spiked Amount 50.000			Recovery = 117.94%		
35) Dibromofluoromethane	5.57	113	396885	55.90 ug/l	0.02
Spiked Amount 50.000			Recovery = 111.80%		
50) Toluene-d8	8.72	98	845429	49.22 ug/l	0.01
Spiked Amount 50.000			Recovery = 98.44%		
62) 4-Bromofluorobenzene	11.94	95	356422	50.79 ug/l	0.01
Spiked Amount 50.000			Recovery = 101.58%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.35	85	1298	Below Cal #	43
3) Chloromethane	1.50	50	211	Below Cal #	43
5) Bromomethane	1.82	94	206	Below Cal #	3
8) Diethyl Ether	2.37	74	1567	1.610 ug/l	62
11) Tert butyl alcohol	3.24	59	1116	5.229 ug/l #	78
16) Acetone	2.63	43	23547	26.607 ug/l #	90
20) Methylene Chloride	3.09	84	36752	12.316 ug/l	91
25) 2-Butanone	4.86	43	4482	2.324 ug/l #	60
31) Cyclohexane	5.66	56	16216	Below Cal #	1
36) 1,1-Dichloropropene	5.66	75	53852	6.240 ug/l #	51
38) Carbon Tetrachloride	5.66	117	50505	5.890 ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.93	75	172655	147.613 ug/l #	1
82) 4-Chlorotoluene	12.33	91	1060	Below Cal #	48

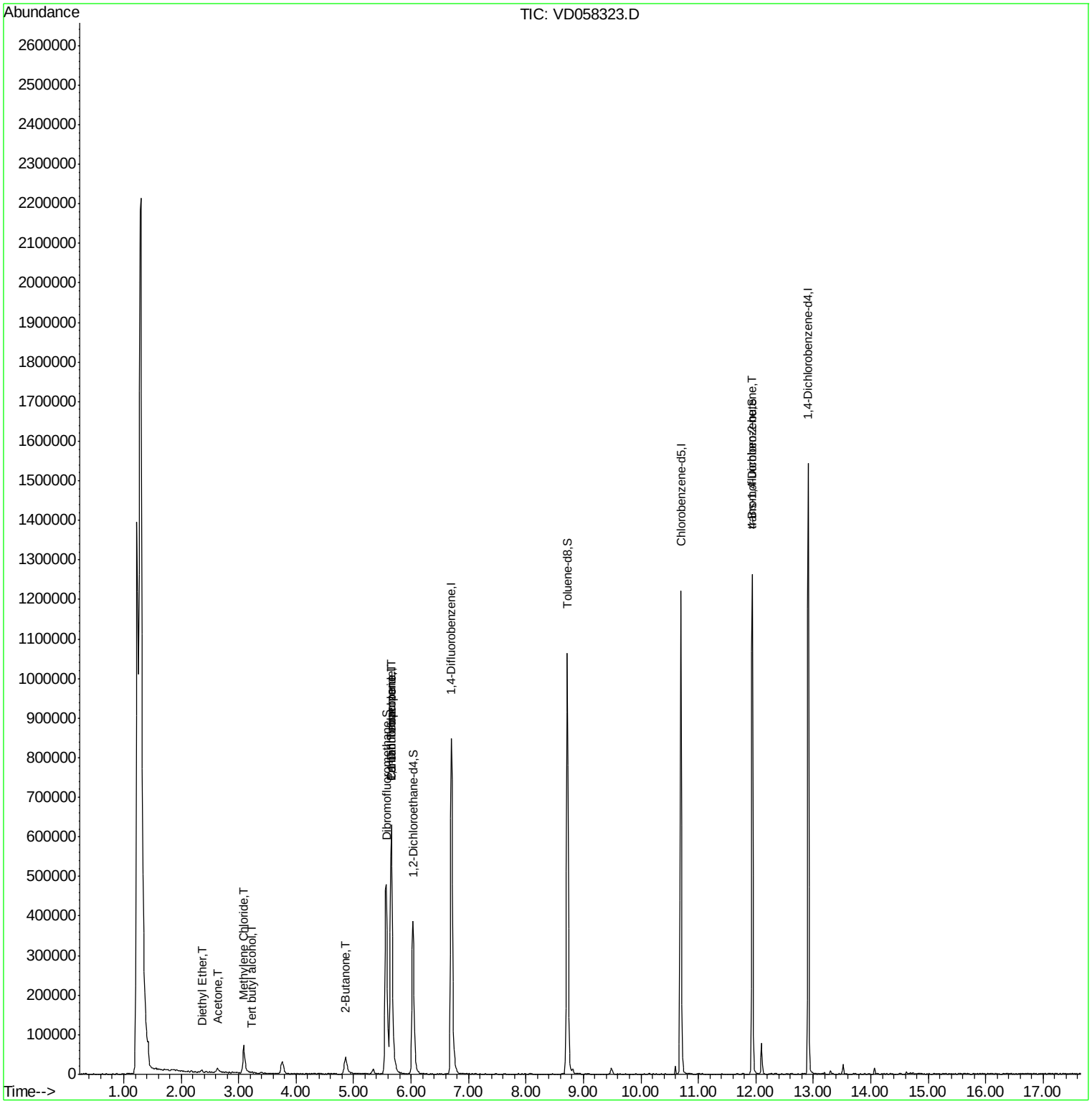
(#) = qualifier out of range (m) = manual integration (+) = signals summed

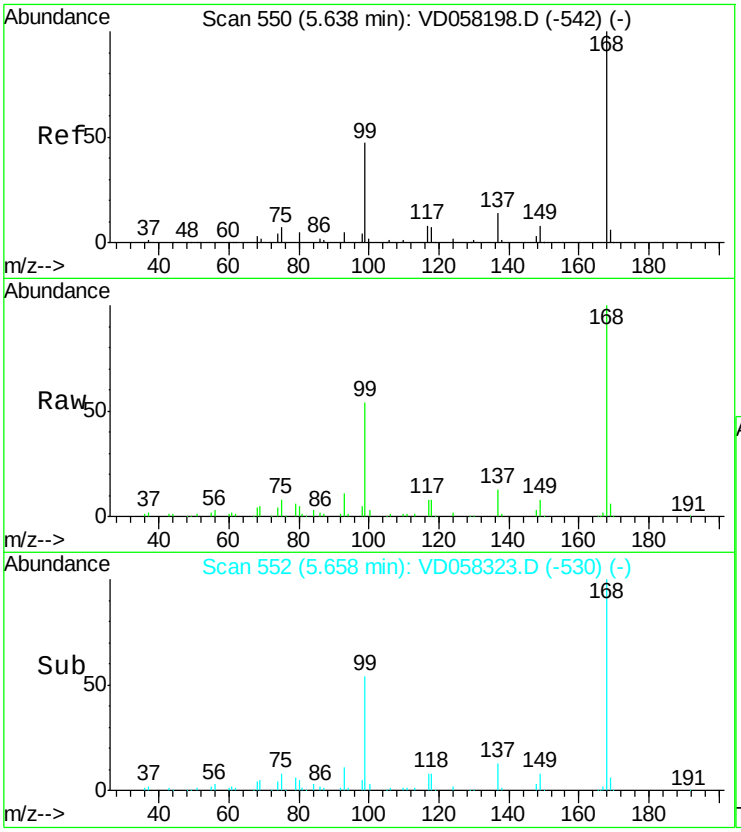
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
Data File : VD058323.D
Acq On : 23 Jun 2018 5:41
Operator : VA/AP
Sample : J3622-16
Misc : 5.02g/5ml/MSVOA D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-D

Quant Time: Jun 25 00:54:51 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



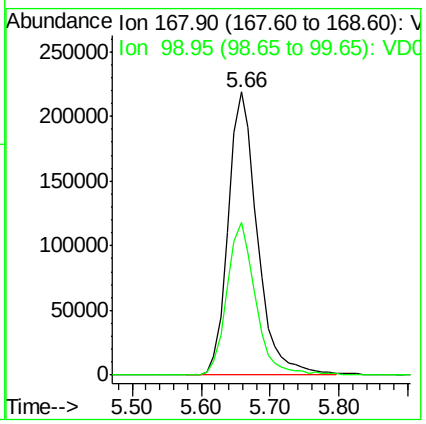


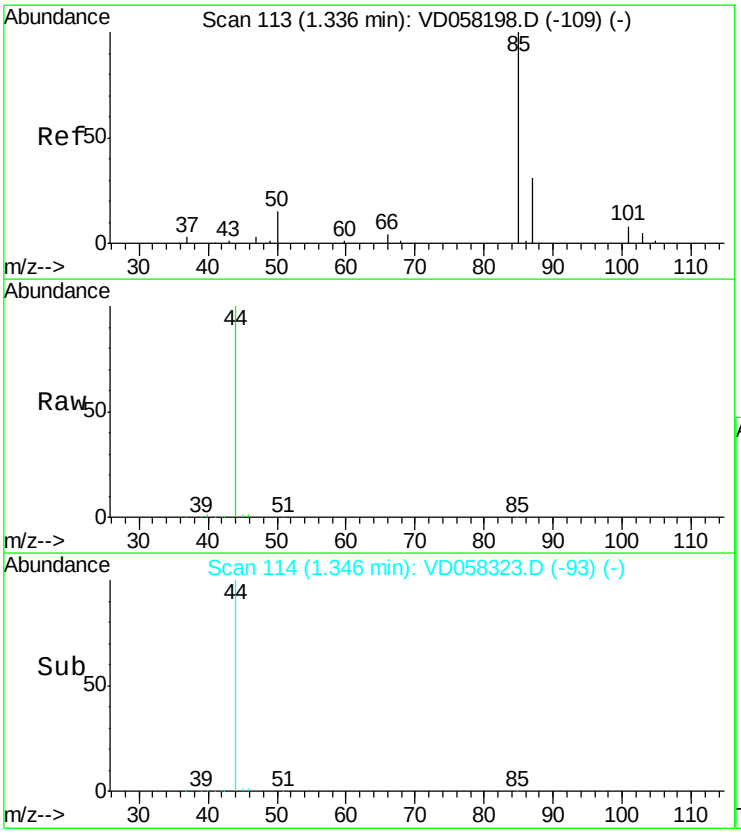
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 552
Delta R.T. 0.02 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Instrument :
MSVOA_D
ClientSampleId :
SP-D

Tgt Ion:168 Resp: 640672

Ion	Ratio	Lower	Upper
168	100		
99	54.0	41.1	61.7

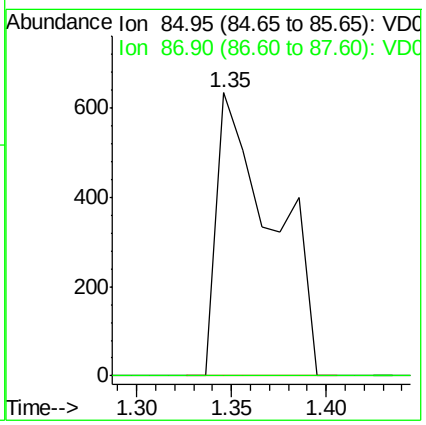


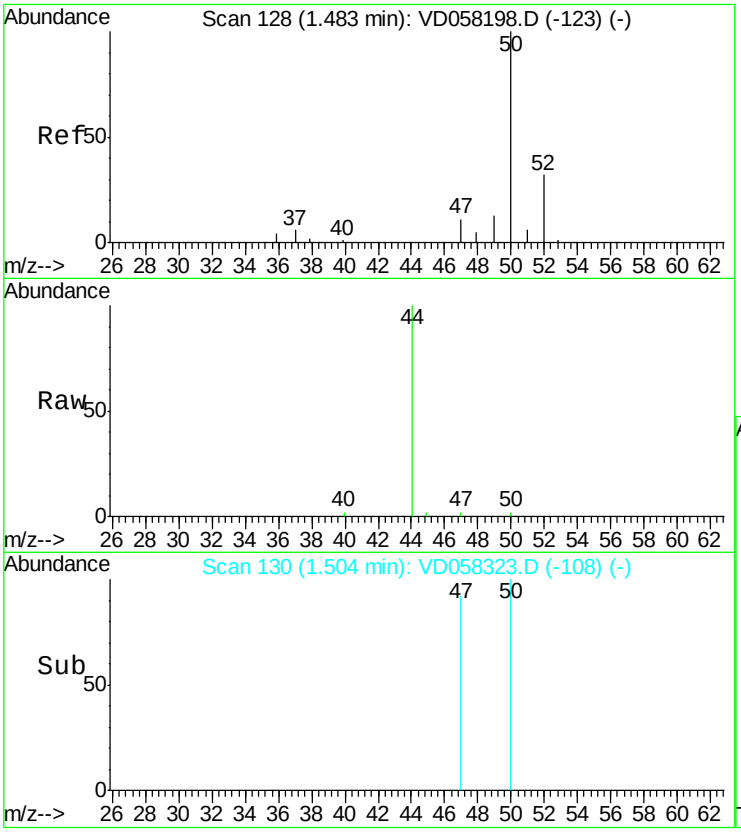


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.35 min Scan# 114
Delta R.T. 0.01 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Tgt Ion: 85 Resp: 1298

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.7	47.0#



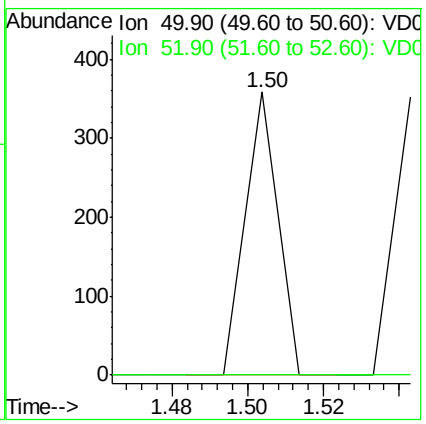


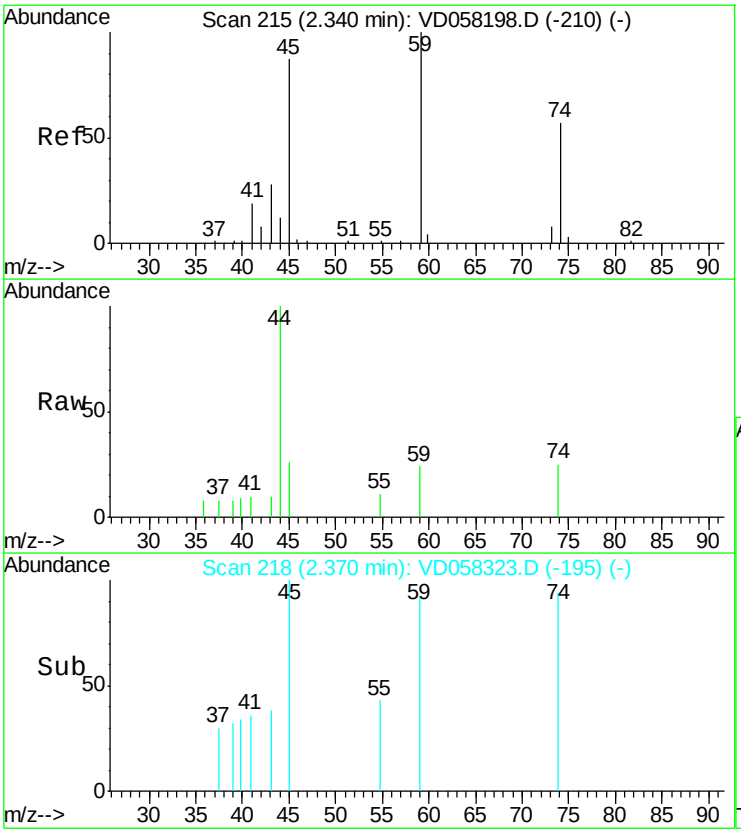
#3
Chloromethane
Concen: Below Cal
RT: 1.50 min Scan# 130
Delta R.T. 0.02 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Instrument : MSVOA_D
ClientSampleId : SP-D

Tgt Ion: 50 Resp: 211

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.0	37.4#

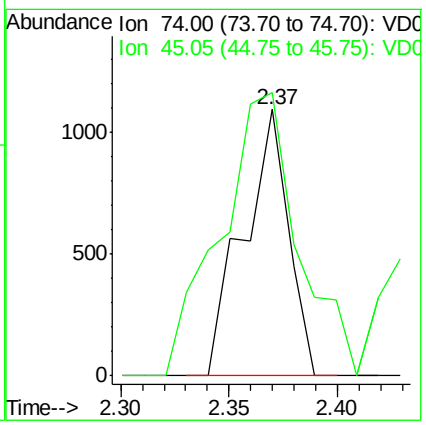


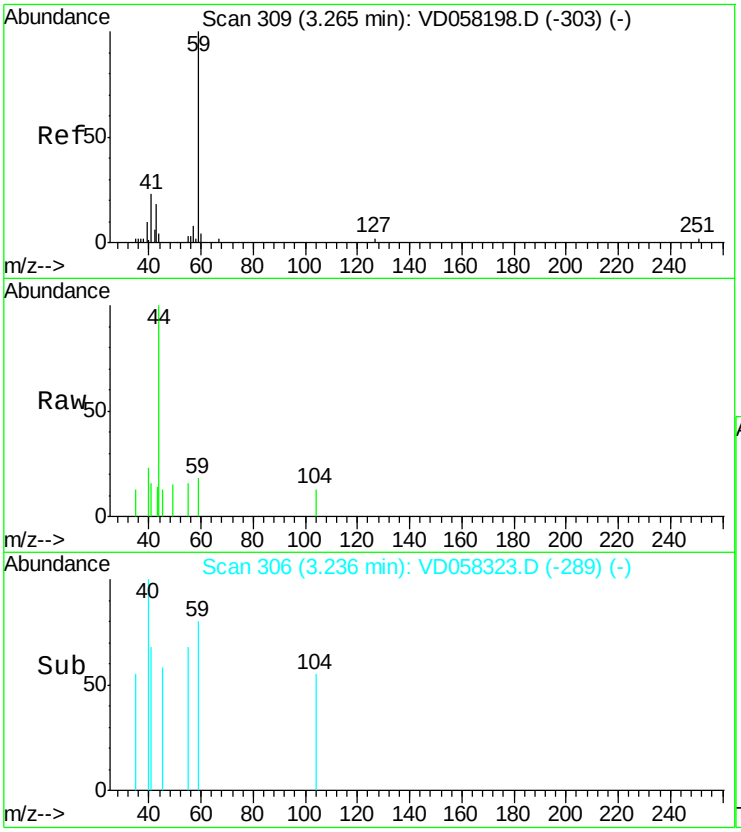


#8
Diethyl Ether
Concen: 1.610 ug/l
RT: 2.37 min Scan# 218
Delta R.T. 0.03 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Tgt Ion: 74 Resp: 1567

Ion	Ratio	Lower	Upper
74	100		
45	106.3	77.5	232.6



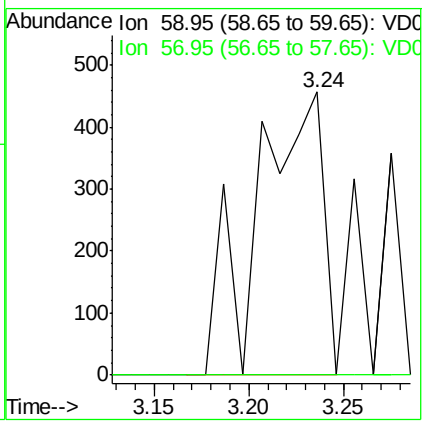


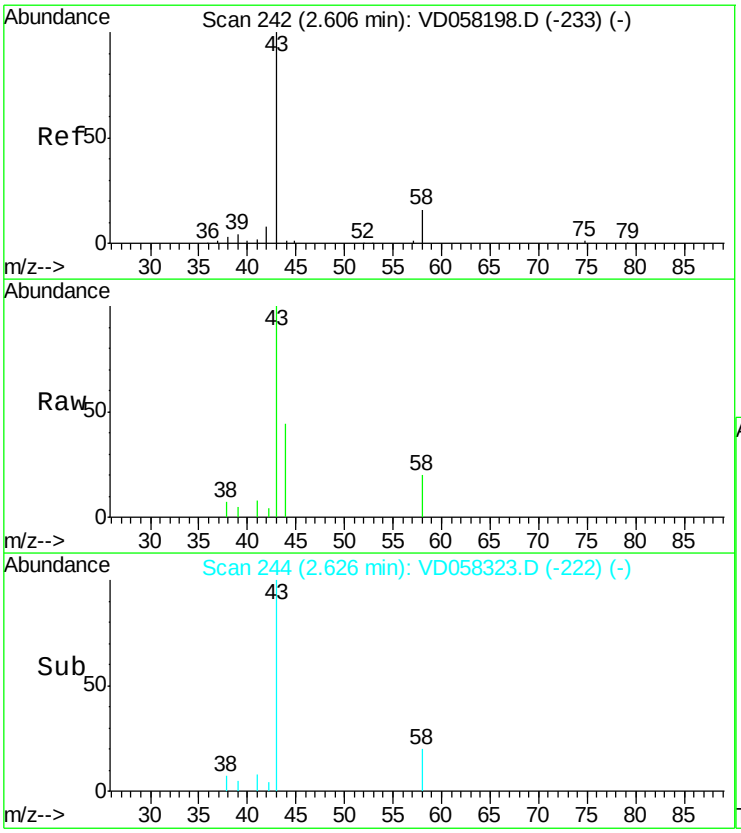
#11
Tert butyl alcohol
Concen: 5.229 ug/l
RT: 3.24 min Scan# 306
Delta R.T. -0.03 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Instrument : MSVOA_D
ClientSampleId : SP-D

Tgt Ion: 59 Resp: 1116

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.2	9.4#

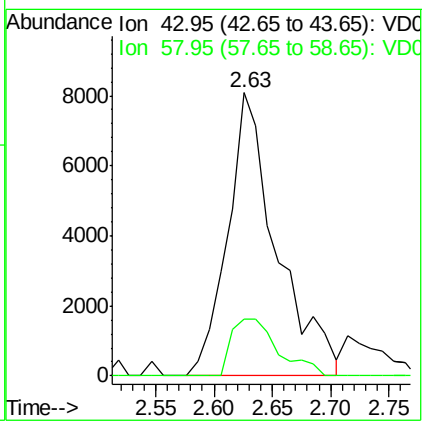


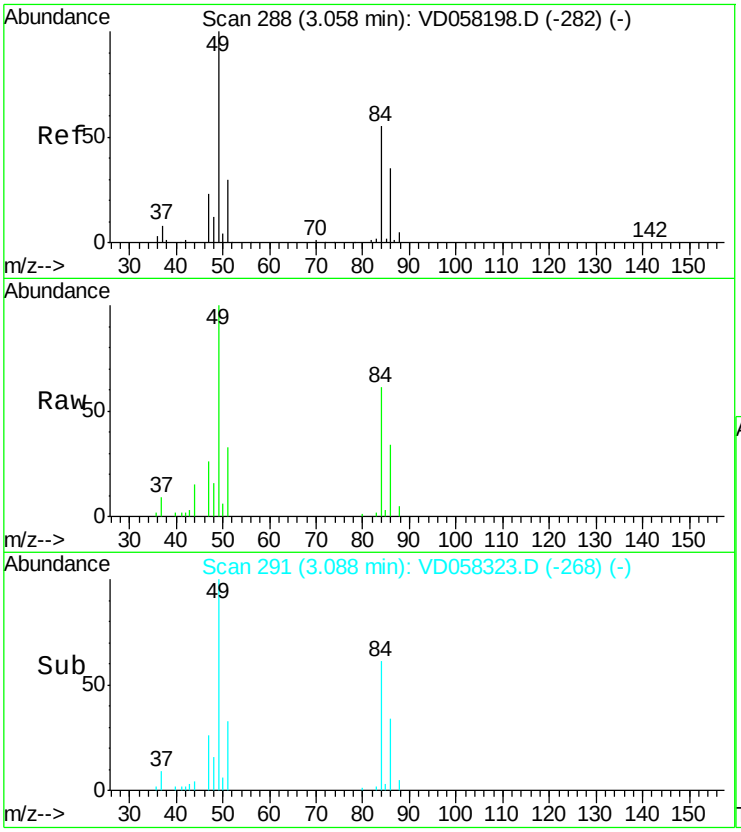


#16
Acetone
Concen: 26.607 ug/l
RT: 2.63 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Tgt Ion: 43 Resp: 23547

Ion	Ratio	Lower	Upper
43	100		
58	20.0	12.7	19.1#



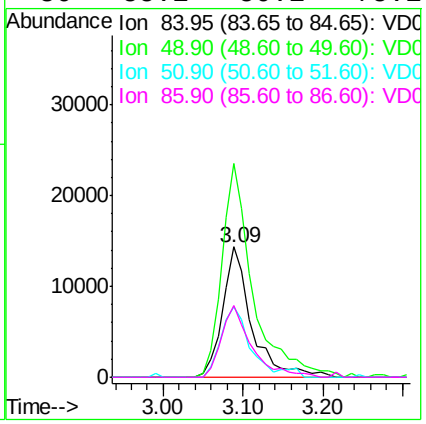


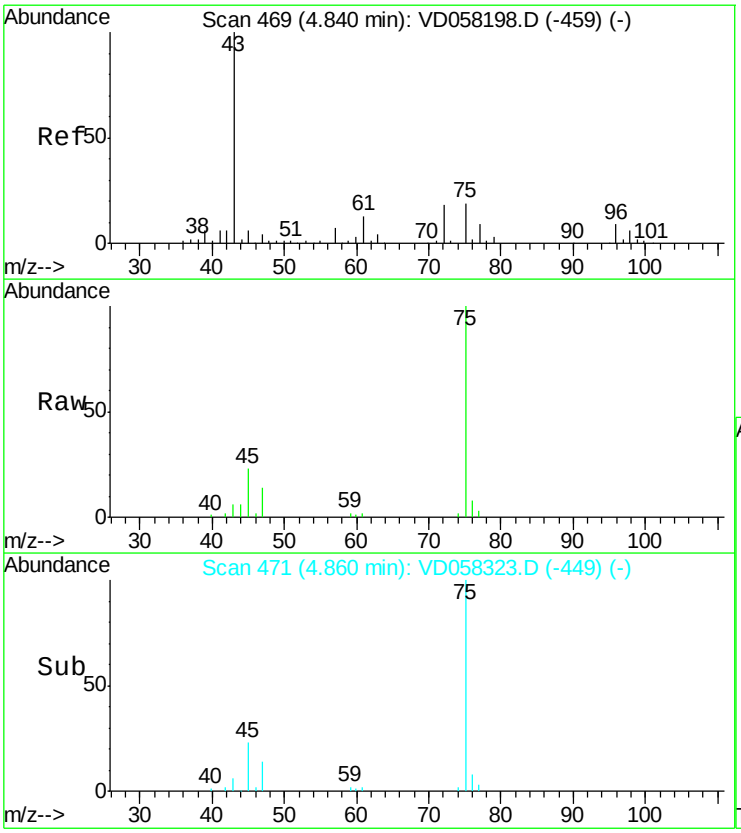
#20
Methylene Chloride
Concen: 12.316 ug/l
RT: 3.09 min Scan# 291
Delta R.T. 0.03 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Instrument : MSVOA_D
ClientSampleId : SP-D

Tgt Ion: 84 Resp: 36752

Ion	Ratio	Lower	Upper
84	100		
49	164.0	145.0	217.6
51	53.8	42.9	64.3
86	55.1	50.1	75.1

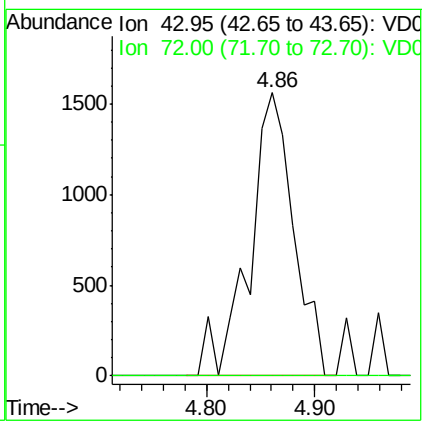


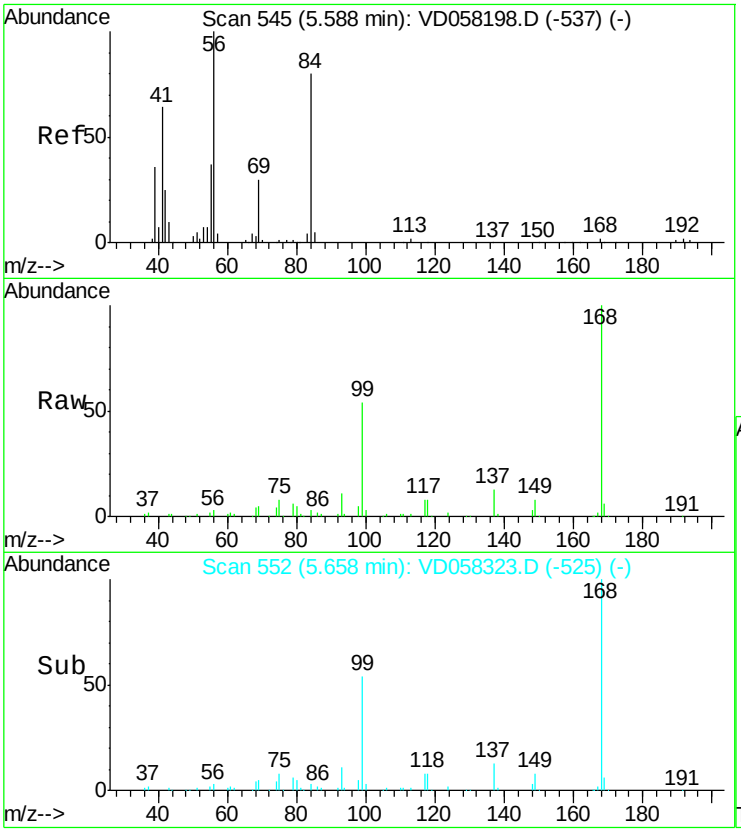


#25
2-Butanone
Concen: 2.324 ug/l
RT: 4.86 min Scan# 471
Delta R.T. 0.02 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Tgt Ion: 43 Resp: 4482

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.1	21.1#



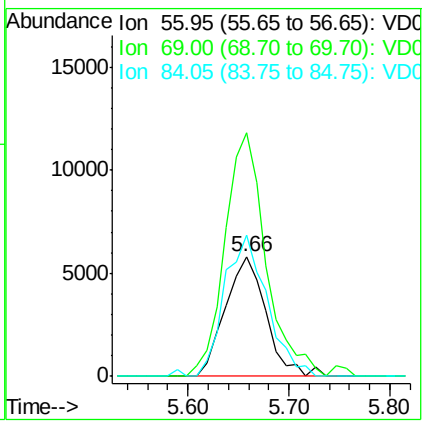


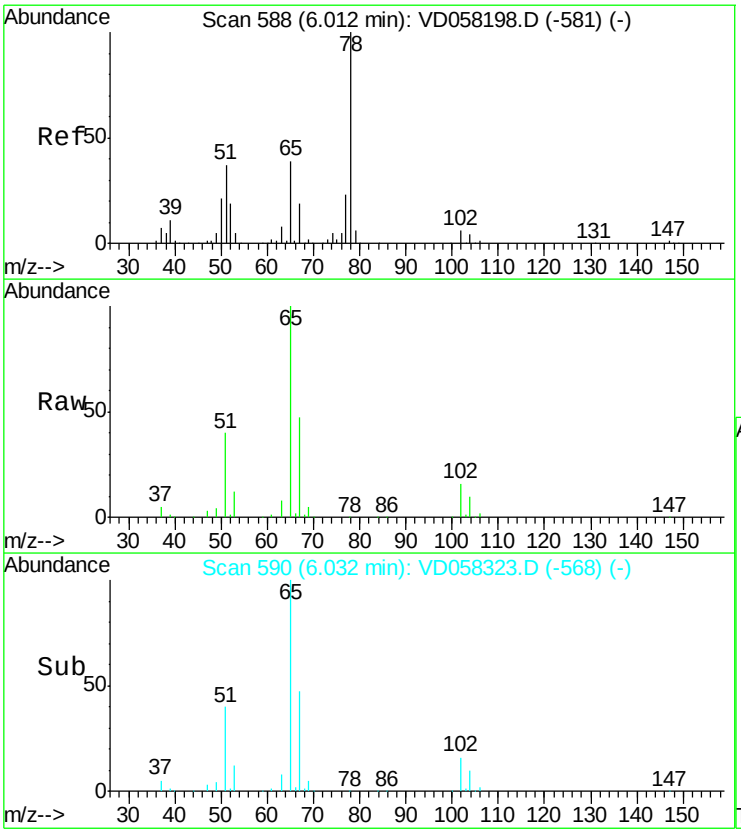
#31
Cyclohexane
Concen: Below Cal
RT: 5.66 min Scan# 552
Delta R.T. 0.07 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Instrument : MSVOA_D
ClientSampleId : SP-D

Tgt Ion: 56 Resp: 16216

Ion	Ratio	Lower	Upper
56	100		
69	203.2	23.6	35.4#
84	117.5	65.2	97.8#

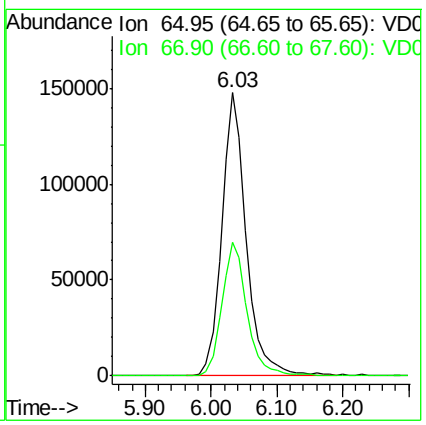


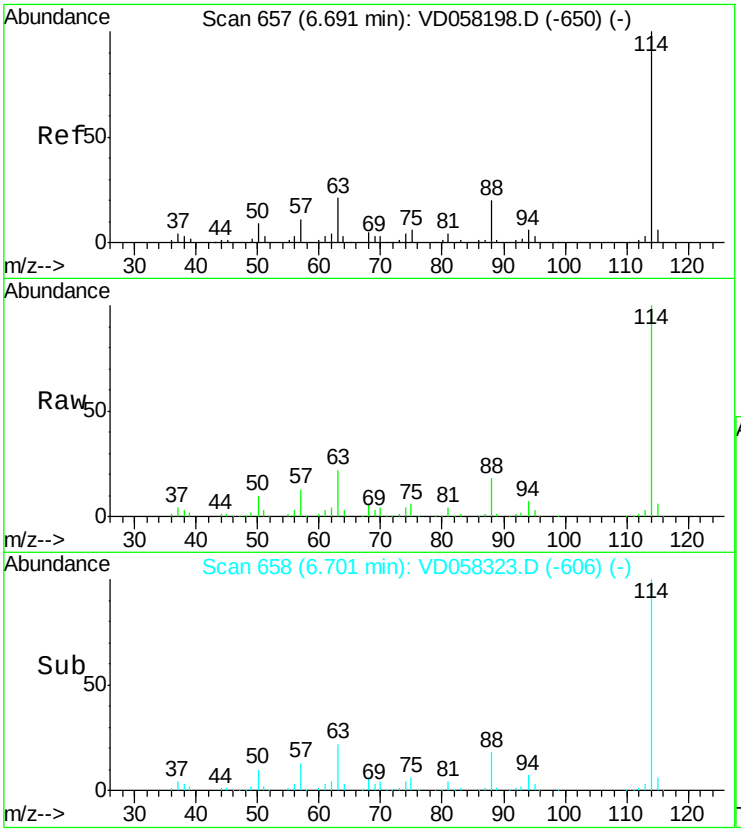


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.03 min Scan# 590
Delta R.T. 0.02 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Tgt Ion: 65 Resp: 381623

Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	97.8



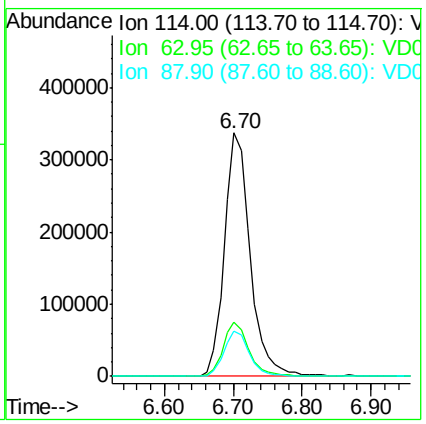


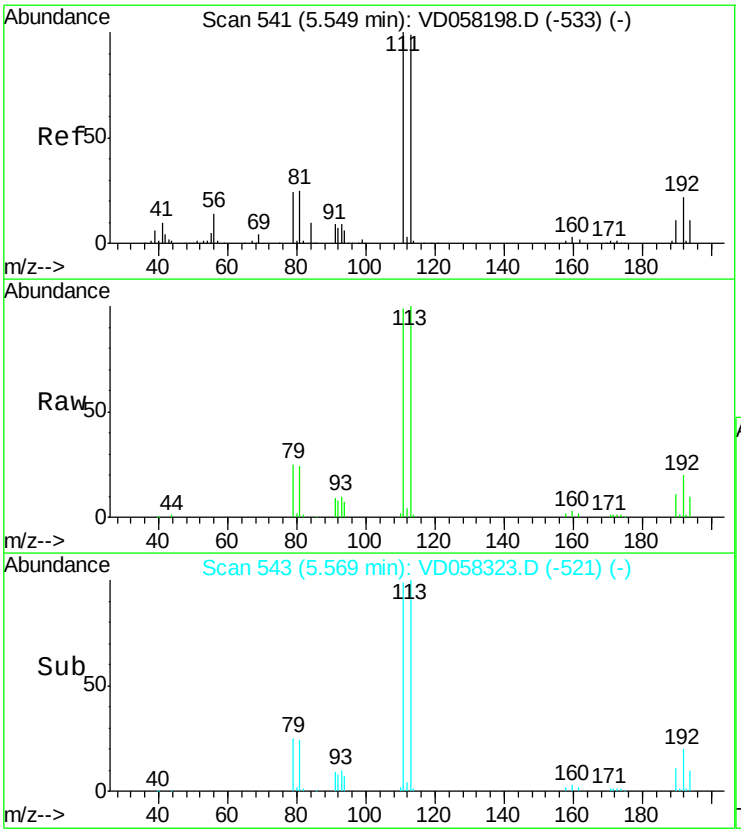
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.70 min Scan# 658
Delta R.T. 0.01 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Instrument :
MSVOA_D
ClientSampleId :
SP-D

Tgt Ion:114 Resp: 872381

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	42.6
88	18.4	0.0	40.6

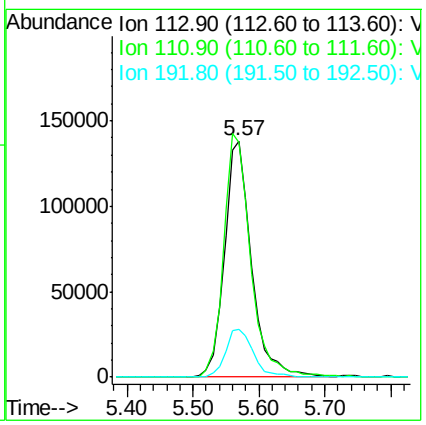


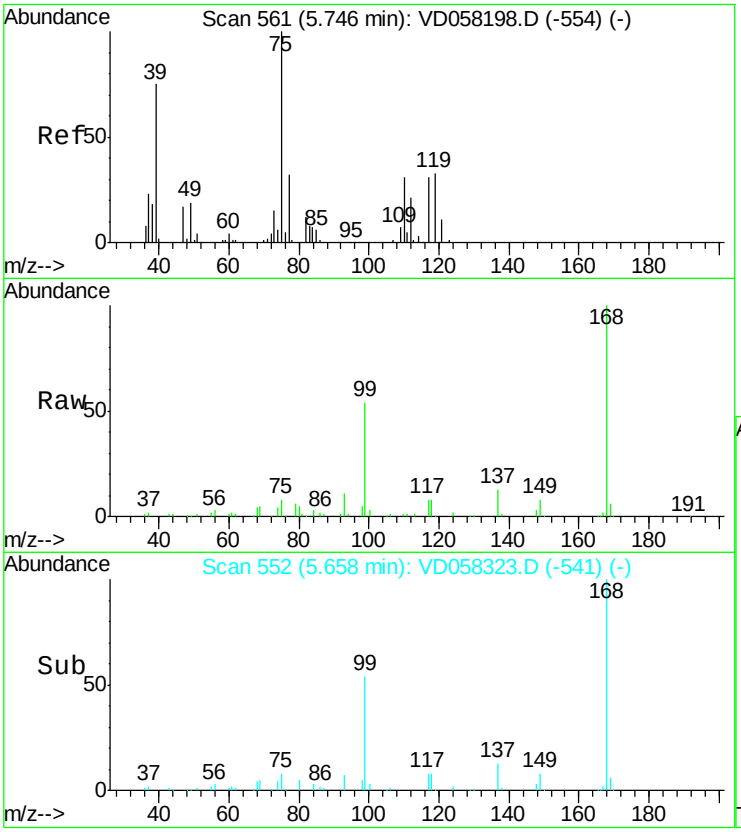


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.57 min Scan# 543
Delta R.T. 0.02 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Tgt Ion:113 Resp: 396885

Ion	Ratio	Lower	Upper
113	100		
111	99.3	80.6	121.0
192	20.4	17.8	26.6



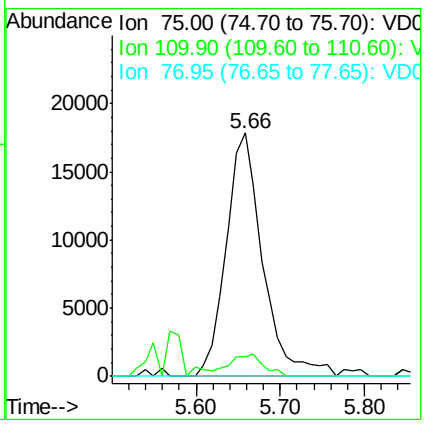


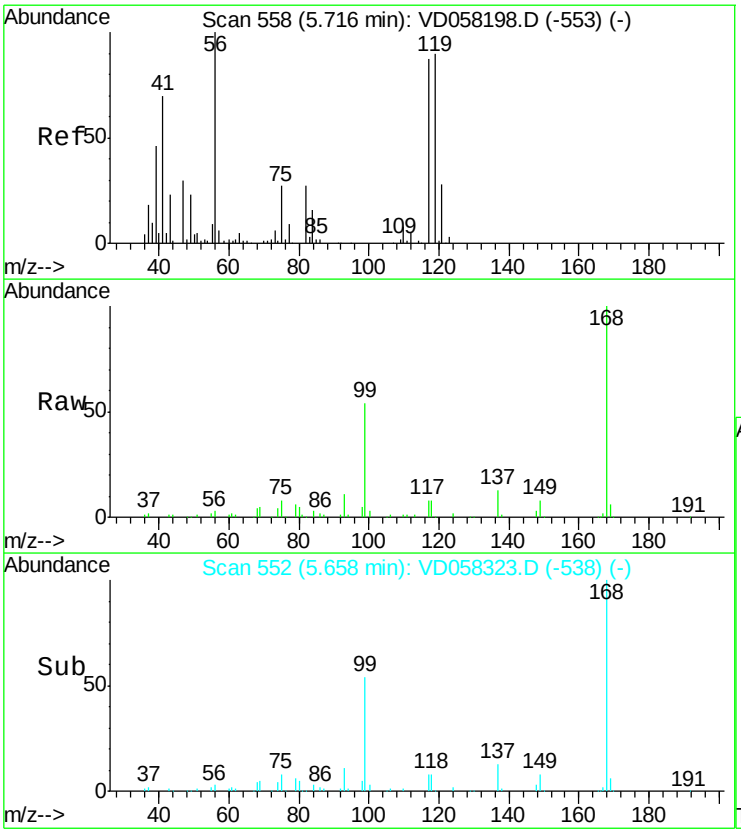
#36
1,1-Dichloropropene
Concen: 6.240 ug/l
RT: 5.66 min Scan# 552
Delta R.T. -0.09 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Instrument :
MSVOA_D
ClientSampleId :
SP-D

Tgt Ion: 75 Resp: 53852

Ion	Ratio	Lower	Upper
75	100		
110	8.2	15.4	46.4#
77	0.0	25.4	38.2#

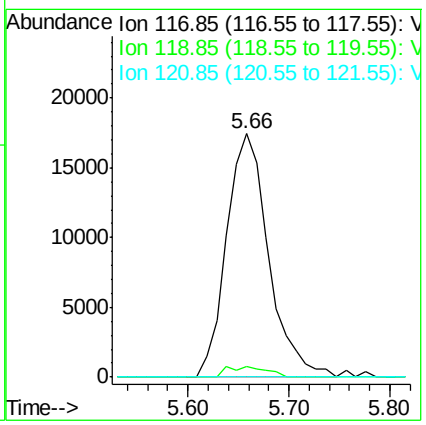


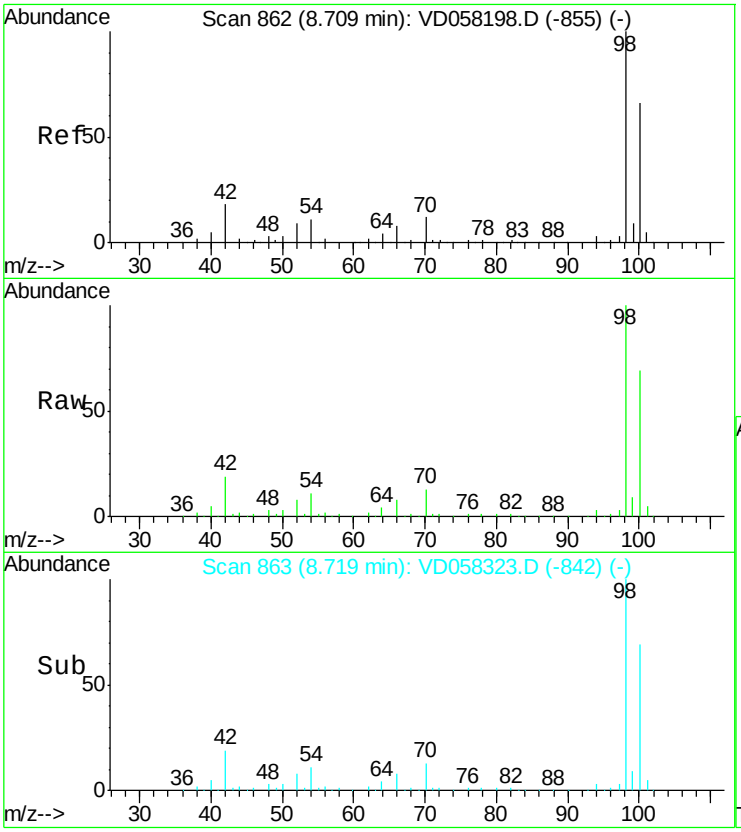


#38
Carbon Tetrachloride
Concen: 5.890 ug/l
RT: 5.66 min Scan# 552
Delta R.T. -0.06 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Tgt Ion:117 Resp: 50505

Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.8	118.2#
121	0.0	25.0	37.6#



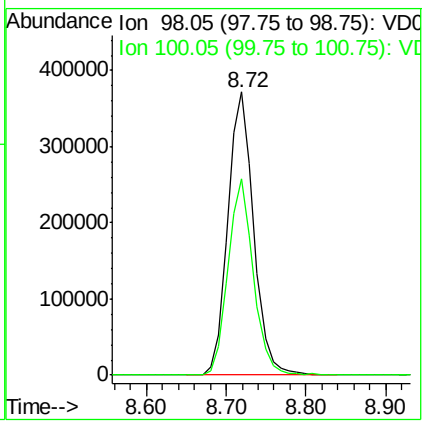


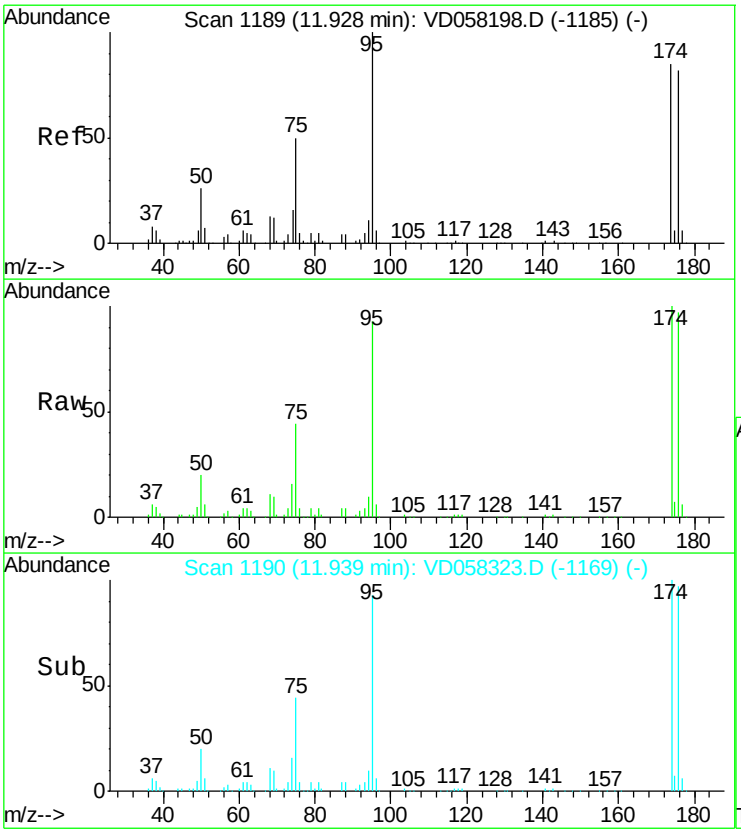
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Instrument : MSVOA_D
ClientSampleId : SP-D

Tgt Ion: 98 Resp: 845429

Ion	Ratio	Lower	Upper
98	100		
100	69.5	53.6	80.4

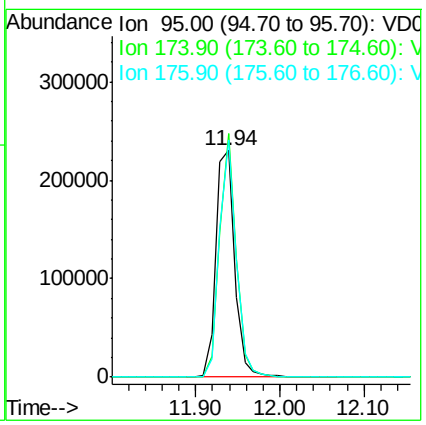


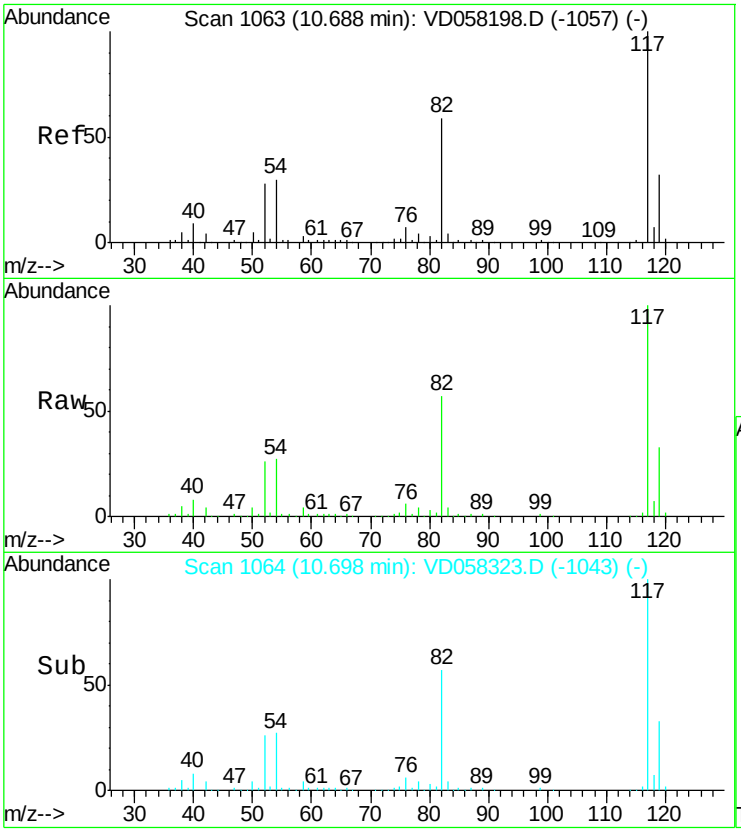


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Tgt Ion: 95 Resp: 356422

Ion	Ratio	Lower	Upper
95	100		
174	107.4	0.0	170.2
176	104.4	0.0	164.6



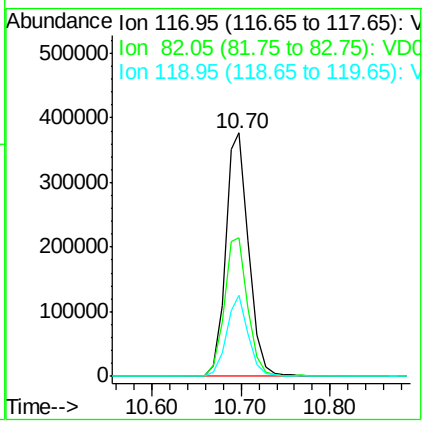


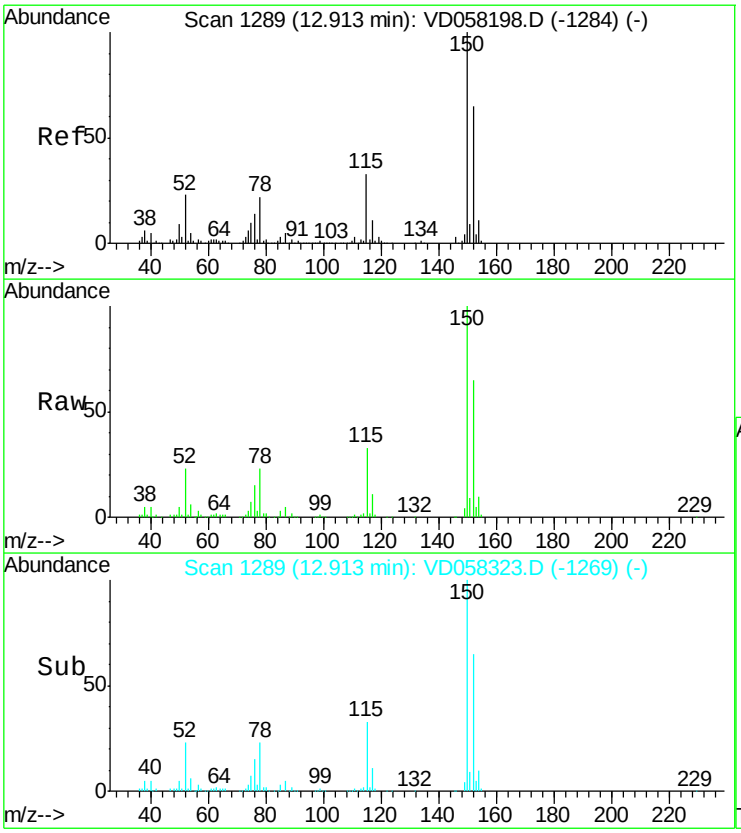
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Instrument :
MSVOA_D
ClientSampleId :
SP-D

Tgt Ion:117 Resp: 683913

Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.0	70.6
119	33.1	25.3	37.9

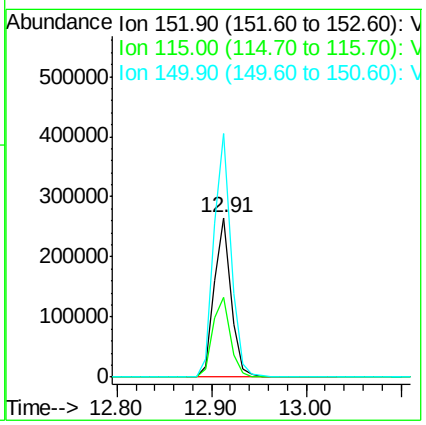


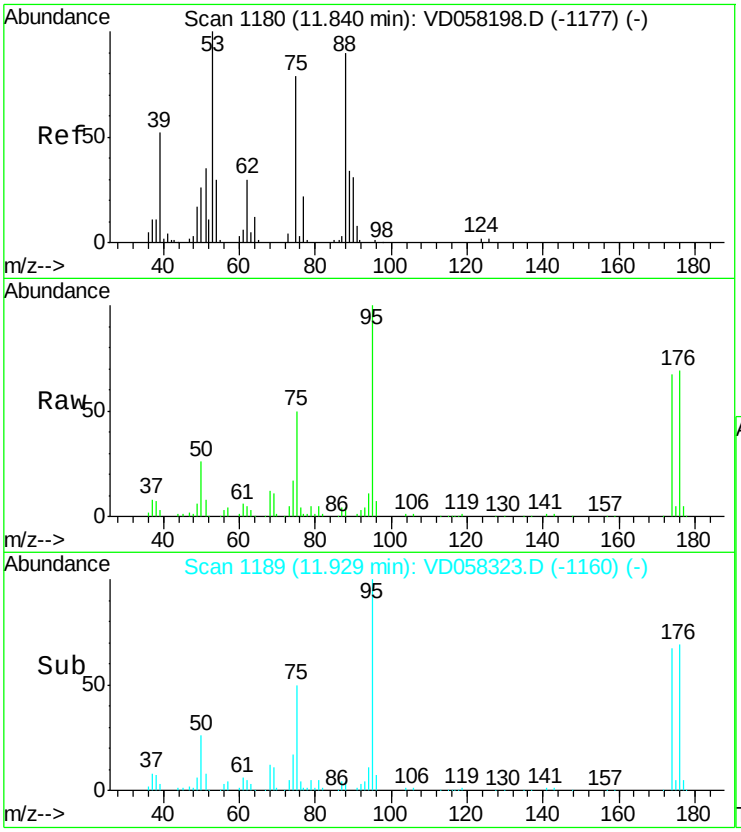


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Tgt Ion:152 Resp: 328469

Ion	Ratio	Lower	Upper
152	100		
115	50.3	25.1	75.3
150	152.8	0.0	308.8



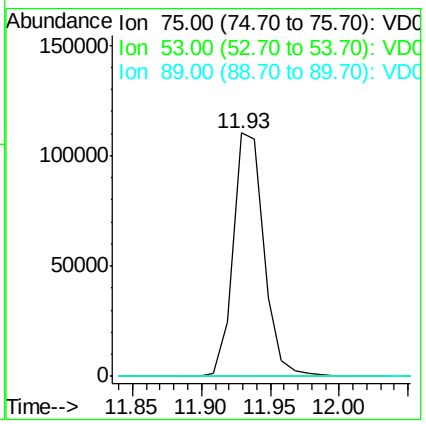


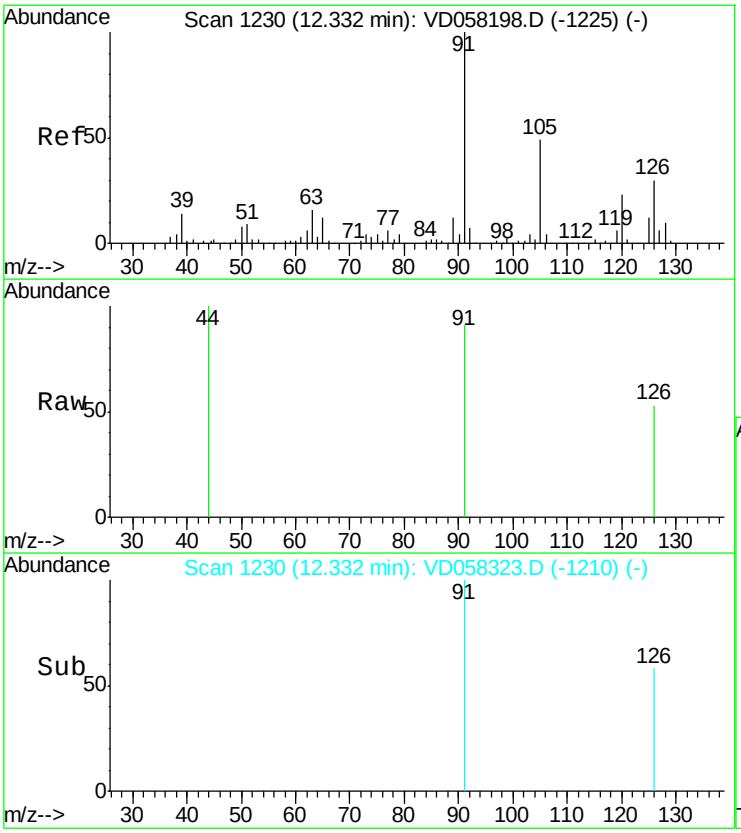
#81
trans-1,4-Dichloro-2-butene
Concen: 147.613 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.09 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Instrument :
MSVOA_D
ClientSampleId :
SP-D

Tgt Ion: 75 Resp: 172655

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: 12.33 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Tgt Ion: 91 Resp: 1060

Ion	Ratio	Lower	Upper
91	100		
126	58.2	14.9	44.9#