Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081618\
Data File : VD059820.D
Acq On : 16 Aug 2018 19:41
Operator : VA/AP
Sample : J4501-05
Misc : 5.01g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Aug 17 05:35:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.61	168	238880	50.00	ug/l		-0.03
34) 1,4-Difluorobenzene	6.66	114	295948	50.00	ug/l		-0.02
63) Chlorobenzene-d5	10.67	117	225690	50.00	ug/l		-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	115253	50.00	ug/l		-0.01
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.99	65	139363	45.41	ug/l		-0.02
Spiked Amount 50.000			Recovery = 90.82%				
35) Dibromofluoromethane	5.52	113	131155	50.85	ug/l		-0.02
Spiked Amount 50.000			Recovery = 101.70%				
50) Toluene-d8	8.69	98	263053	43.06	ug/l		-0.02
Spiked Amount 50.000			Recovery = 86.12%				
62) 4-Bromofluorobenzene	11.92	95	103037	37.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 75.30%				
Target Compounds							Qvalue
16) Acetone	2.58	43	26643	55.005	ug/l		95
20) Methylene Chloride	3.04	84	5770	1.387	ug/l		93
25) 2-Butanone	4.79	43	7017	9.465	ug/l	#	85
29) Tetrahydrofuran	4.80	42	391	1.236	ug/l	#	1
31) Cyclohexane	5.62	56	6958	2.232	ug/l	#	5
36) 1,1-Dichloropropene	5.61	75	21806	7.182	ug/l	#	50
37) Ethyl Acetate	4.79	43	7017	4.621	ug/l	#	72
38) Carbon Tetrachloride	5.61	117	23483	6.410	ug/l	#	13
51) 4-Methyl-2-Pentanone	8.68	43	1583	1.092	ug/l	#	1
81) trans-1,4-Dichloro-2-buten	11.92	75	53048	138.660	ug/l	#	1

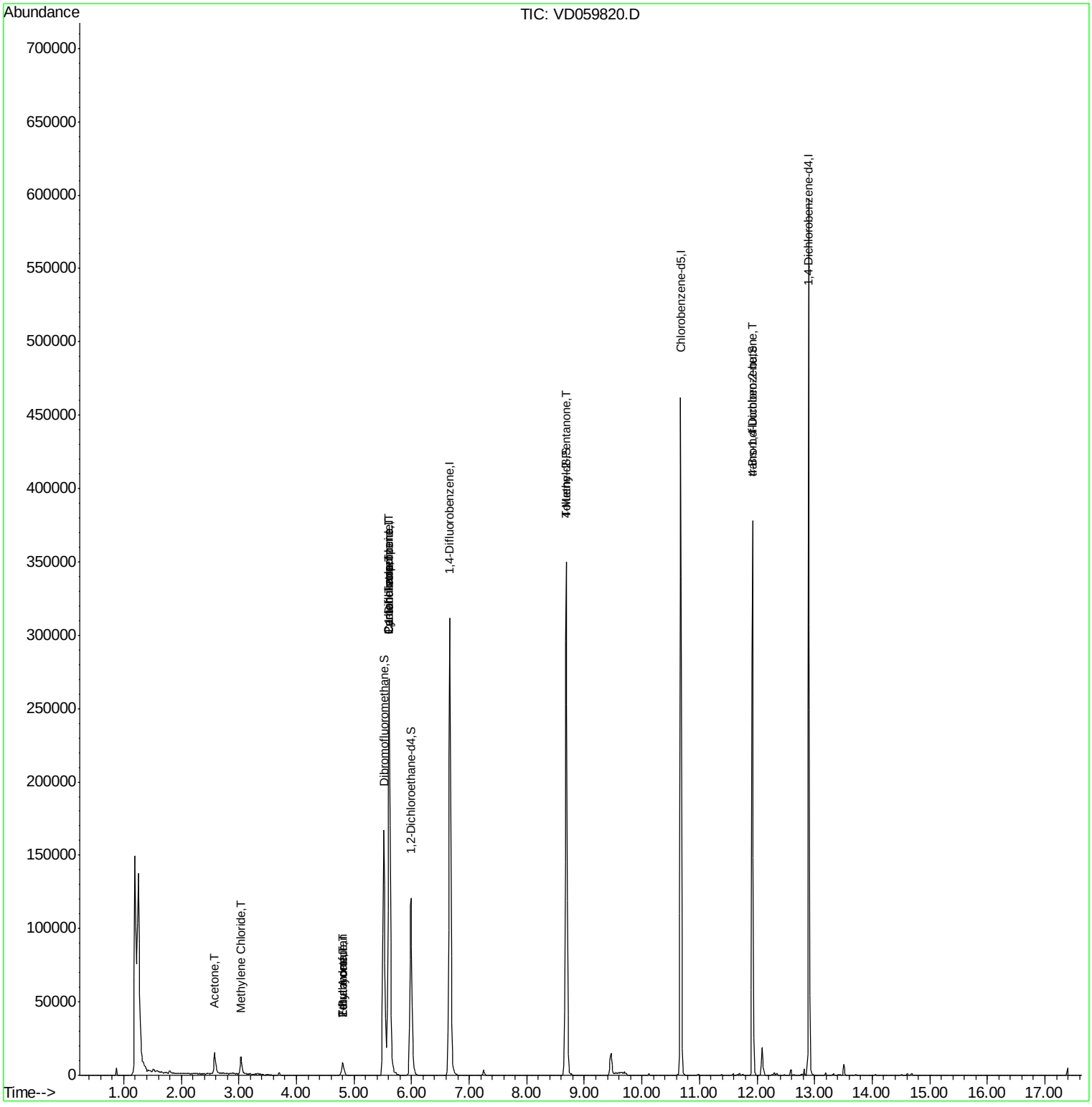
(#) = qualifier out of range (m) = manual integration (+) = signals summed

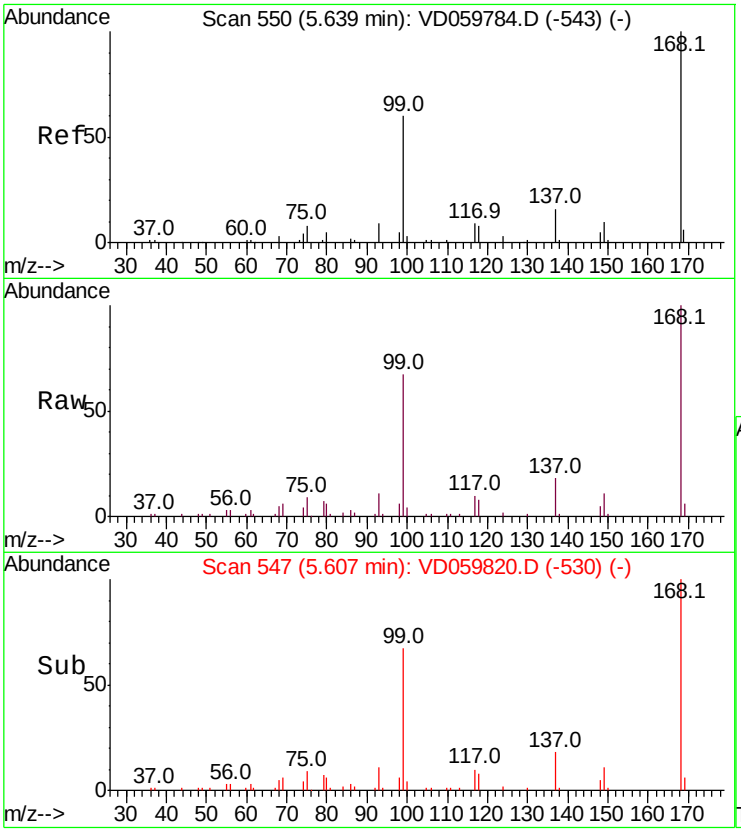
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081618\
Data File : VD059820.D
Acq On : 16 Aug 2018 19:41
Operator : VA/AP
Sample : J4501-05
Misc : 5.01g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 17 05:35:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 2018
Response via : Initial Calibration



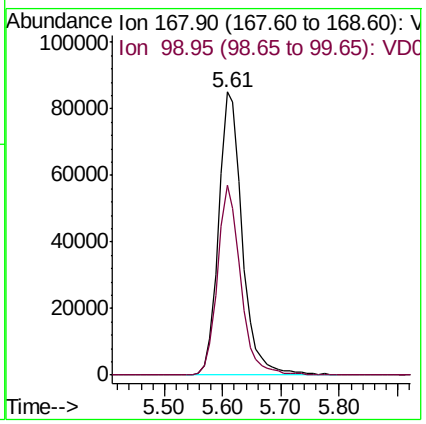


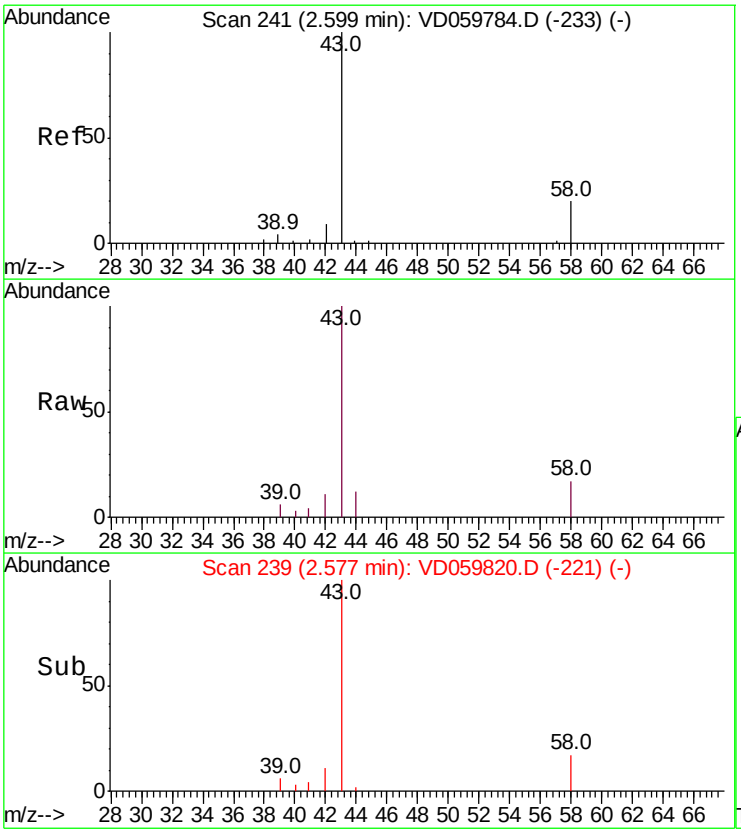
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.03 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 238880

Ion	Ratio	Lower	Upper
168	100		
99	67.3	50.3	75.5

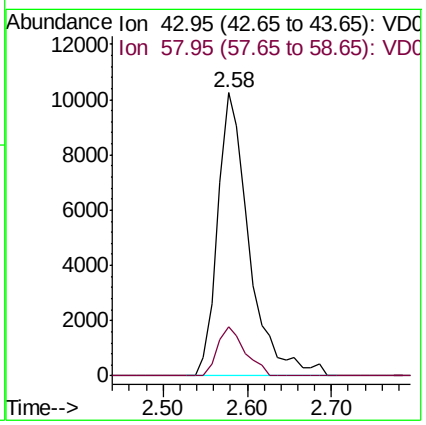


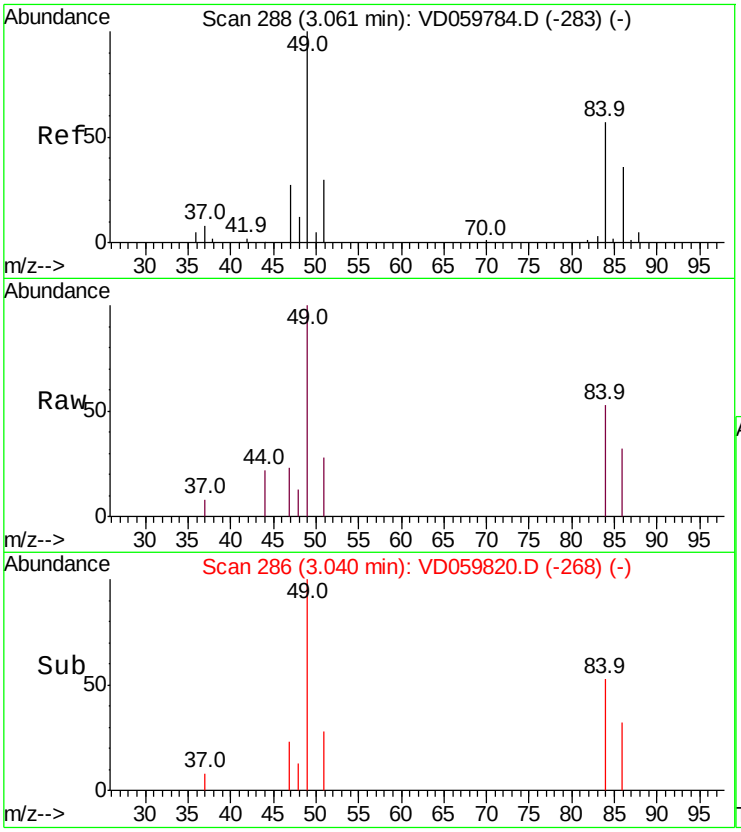


#16
Acetone
Concen: 55.005 ug/l
RT: 2.58 min Scan# 239
Delta R.T. -0.02 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Tgt Ion: 43 Resp: 26643

Ion	Ratio	Lower	Upper
43	100		
58	17.3	15.7	23.5



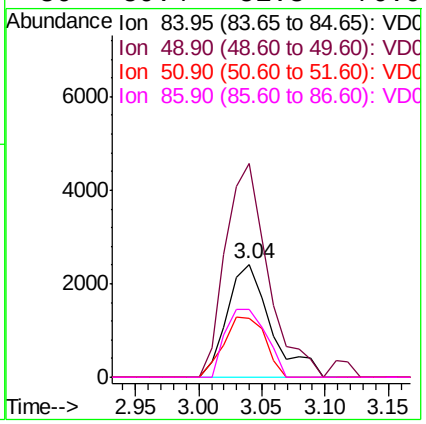


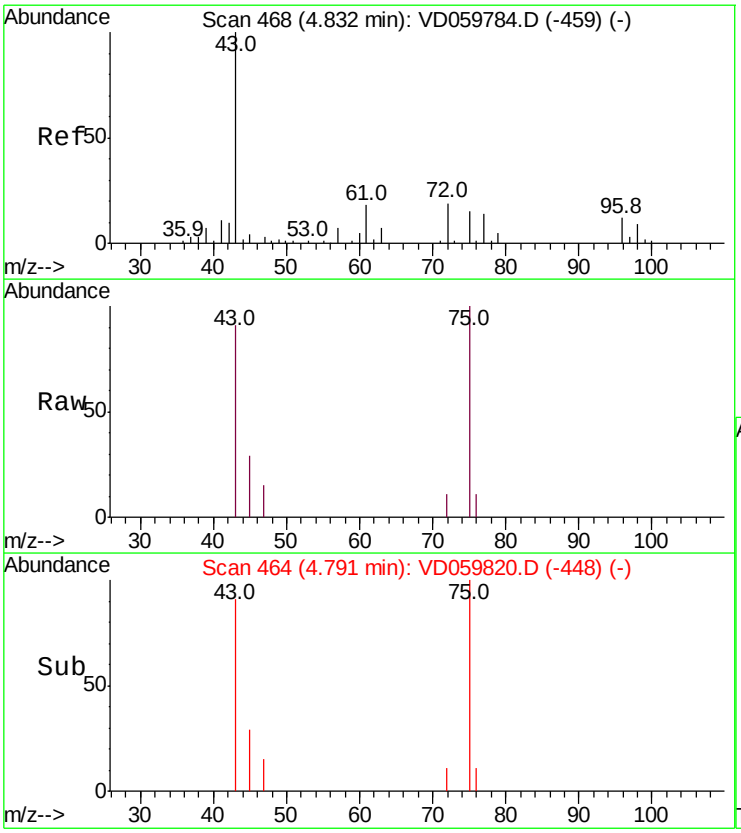
#20
Methylene Chloride
Concen: 1.387 ug/l
RT: 3.04 min Scan# 286
Delta R.T. -0.02 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 5770

Ion	Ratio	Lower	Upper
84	100		
49	188.6	140.9	211.3
51	52.2	42.8	64.2
86	59.4	51.3	76.9

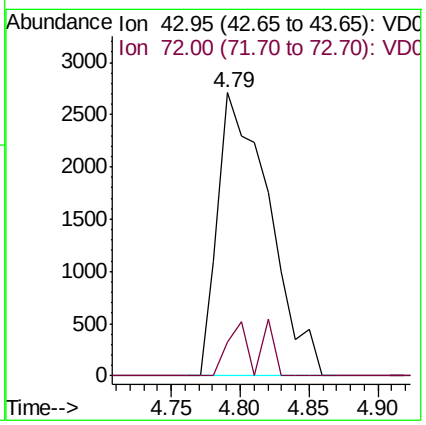


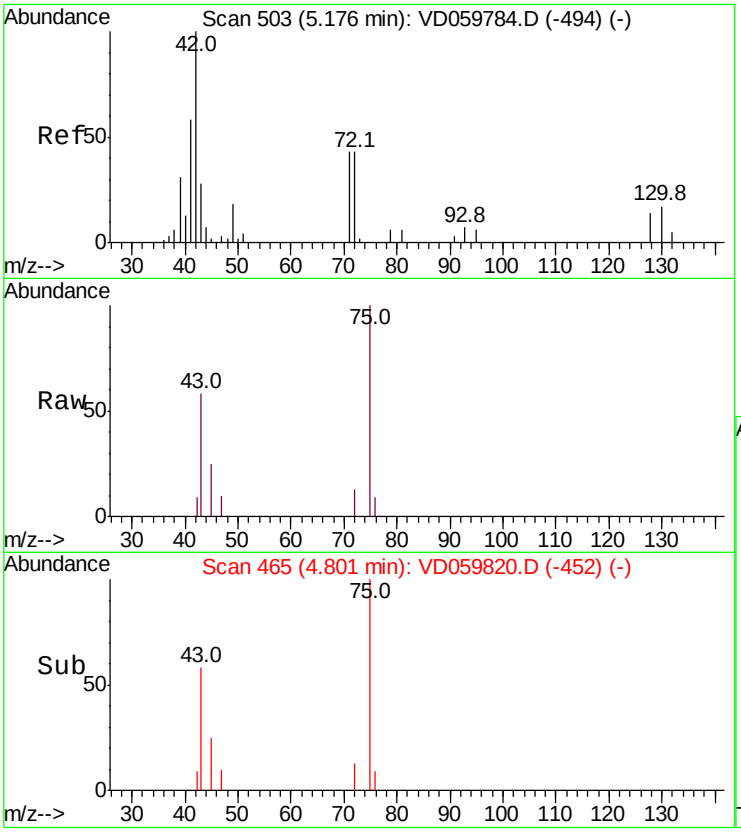


#25
2-Butanone
Concen: 9.465 ug/l
RT: 4.79 min Scan# 464
Delta R.T. -0.04 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Tgt Ion: 43 Resp: 7017

Ion	Ratio	Lower	Upper
43	100		
72	11.7	14.9	22.3#



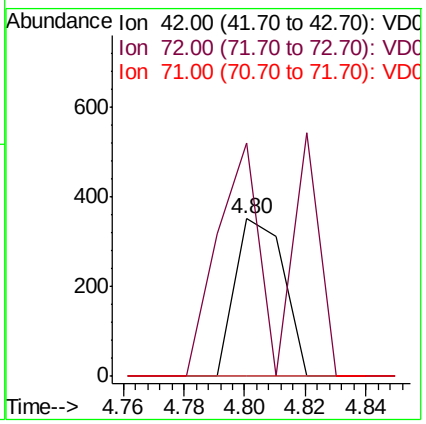


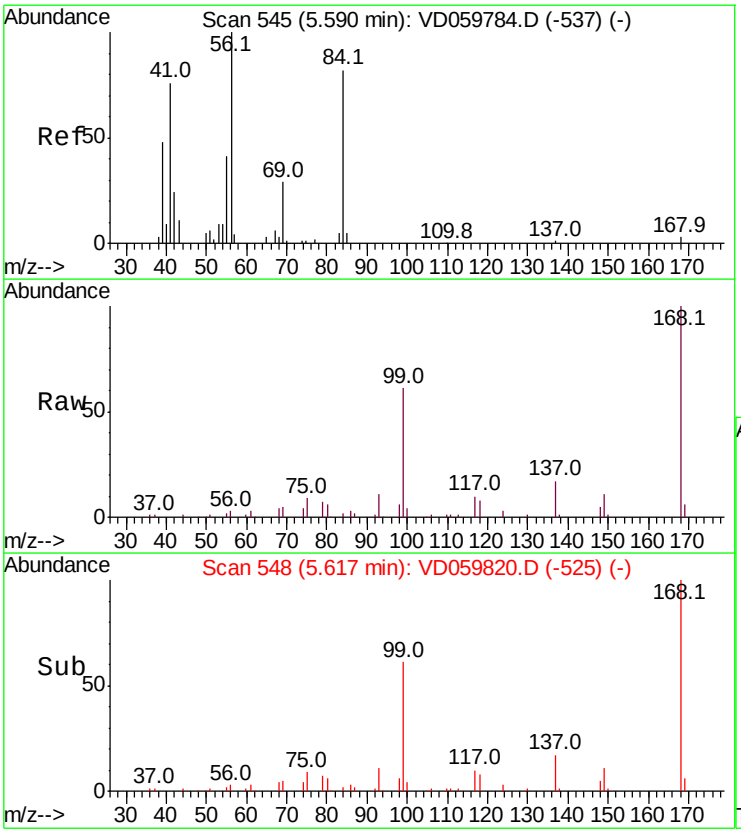
#29
Tetrahydrofuran
Concen: 1.236 ug/l
RT: 4.80 min Scan# 465
Delta R.T. -0.38 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 391

Ion	Ratio	Lower	Upper
42	100		
72	208.7	34.3	51.5#
71	0.0	33.0	49.6#

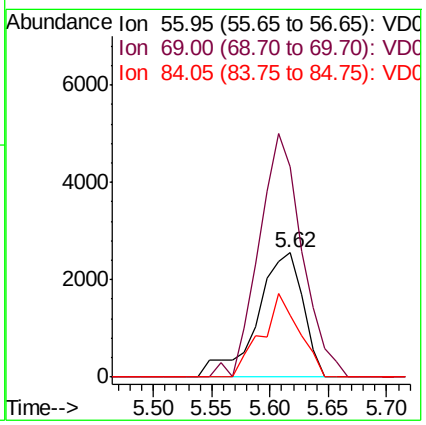


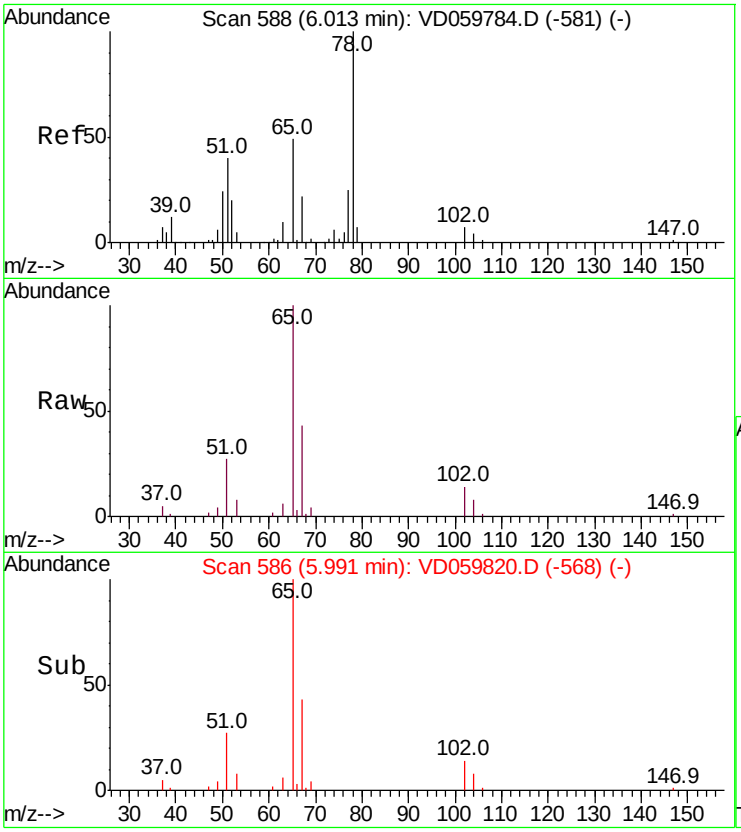


#31
Cyclohexane
Concen: 2.232 ug/l
RT: 5.62 min Scan# 548
Delta R.T. 0.03 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Tgt Ion: 56 Resp: 6958

Ion	Ratio	Lower	Upper
56	100		
69	169.7	23.4	35.2#
84	49.9	65.4	98.2#



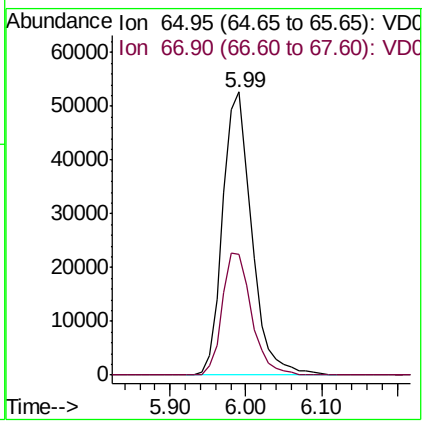


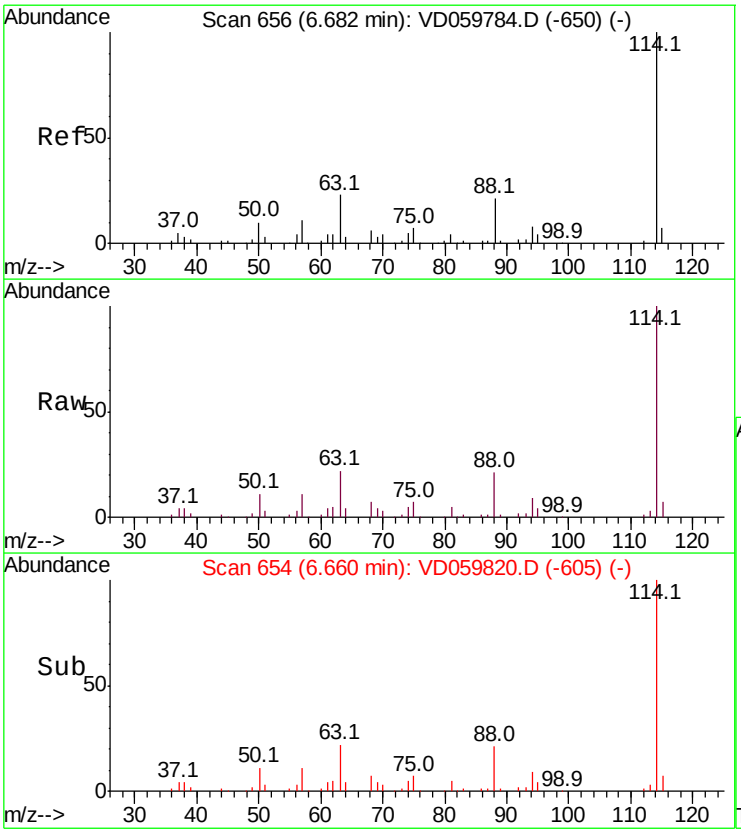
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. -0.02 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 139363

Ion	Ratio	Lower	Upper
65	100		
67	42.7	0.0	87.8

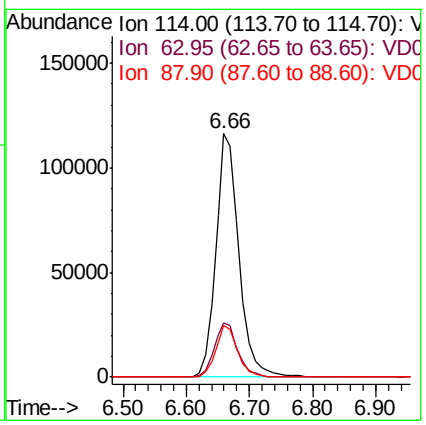


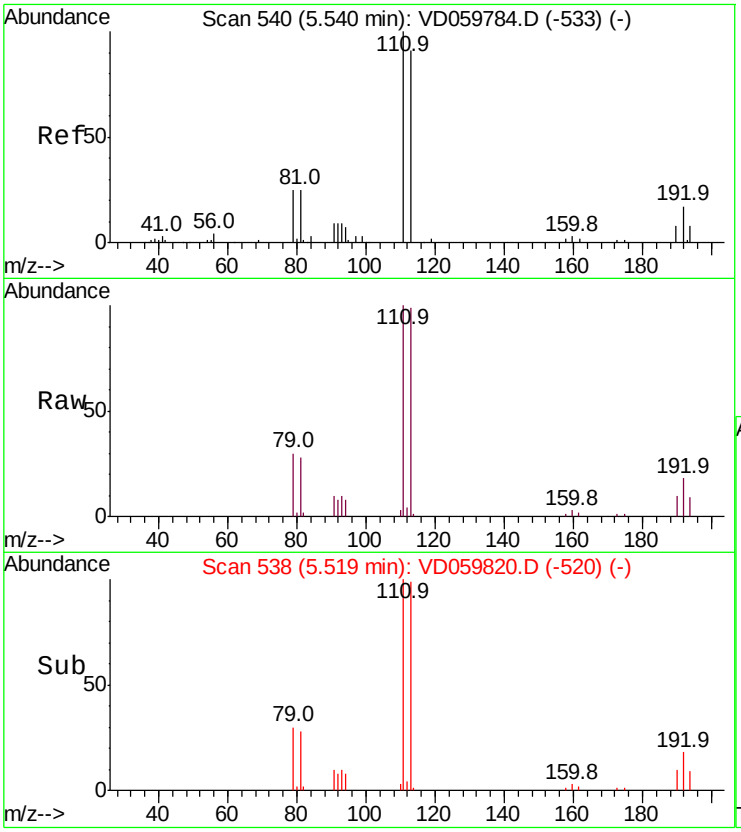


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.66 min Scan# 654
Delta R.T. -0.02 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Tgt Ion:114 Resp: 295948

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.0
88	21.3	0.0	41.2



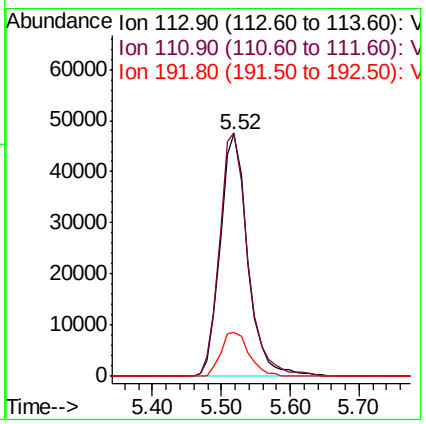


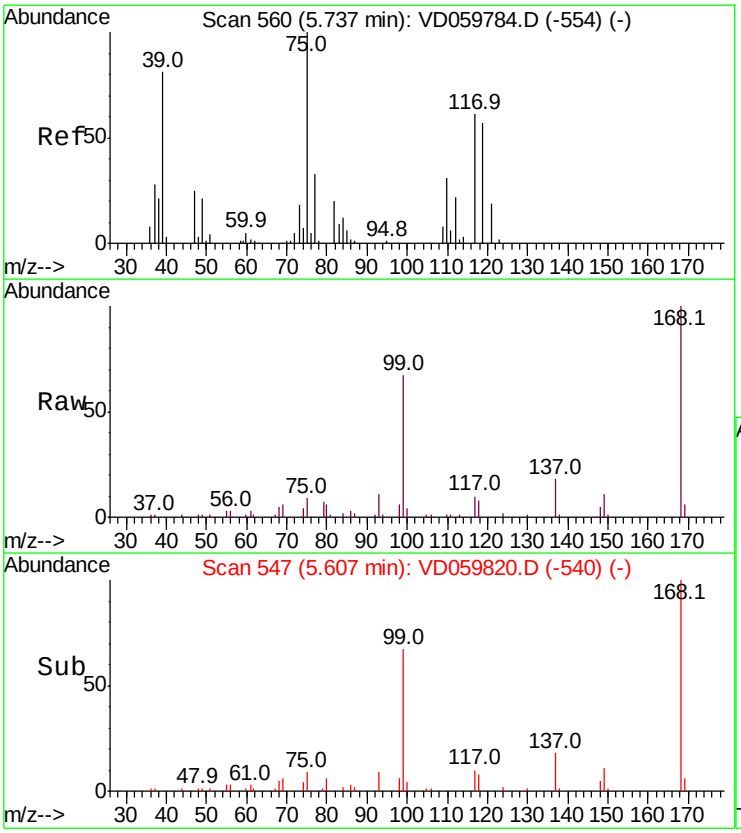
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.52 min Scan# 538
Delta R.T. -0.02 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 131155

Ion	Ratio	Lower	Upper
113	100		
111	100.5	87.7	131.5
192	18.3	14.6	21.8

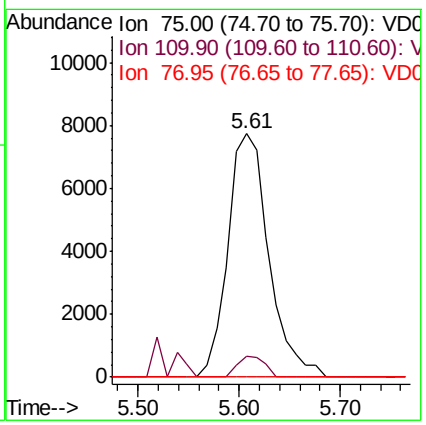


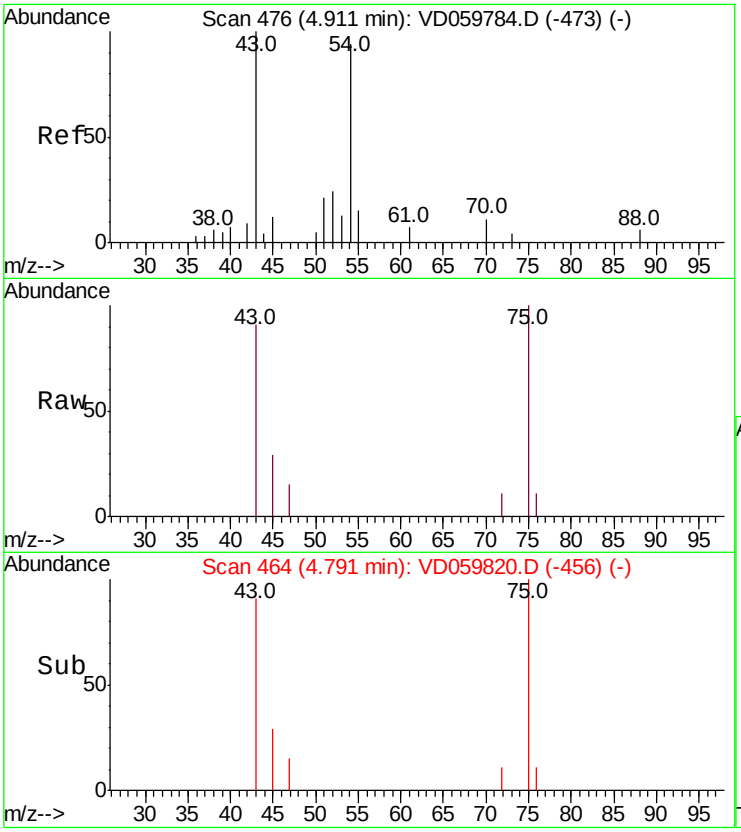


#36
1,1-Dichloropropene
Concen: 7.182 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.13 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Tgt Ion: 75 Resp: 21806

Ion	Ratio	Lower	Upper
75	100		
110	8.4	15.3	45.8#
77	0.0	26.2	39.4#



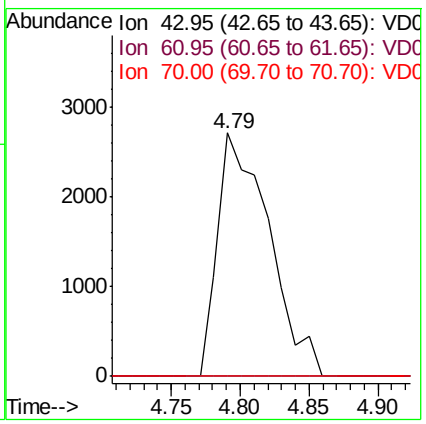


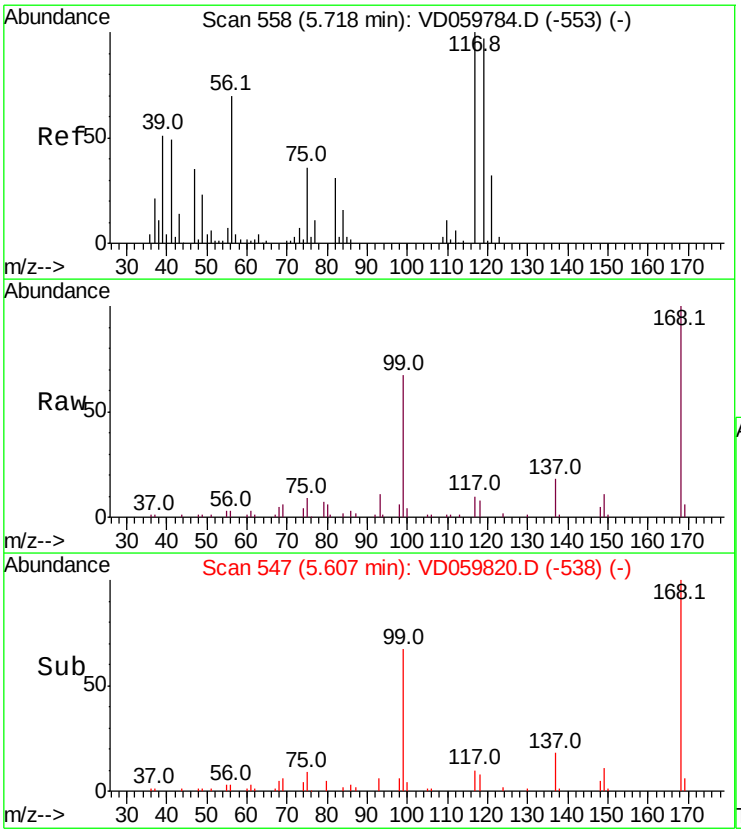
#37
Ethyl Acetate
Concen: 4.621 ug/l
RT: 4.79 min Scan# 464
Delta R.T. -0.12 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 7017

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	0.0	5.8	8.8#

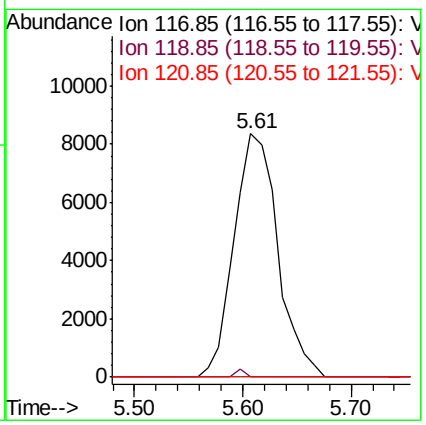


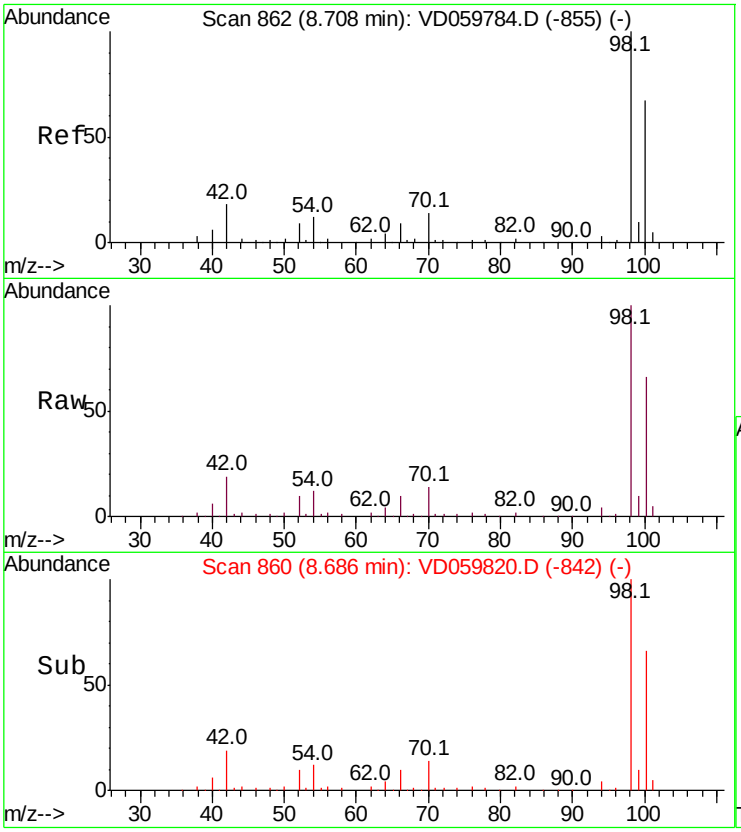


#38
Carbon Tetrachloride
Concen: 6.410 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.11 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Tgt Ion:117 Resp: 23483

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.7	113.5#
121	0.0	24.7	37.1#



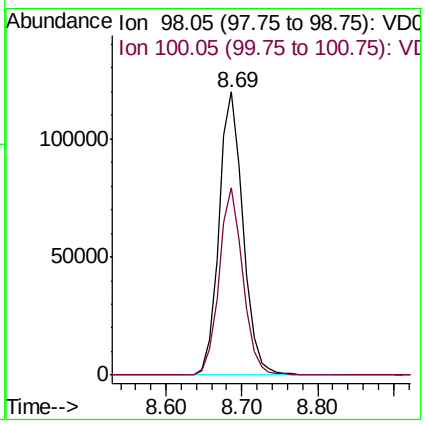


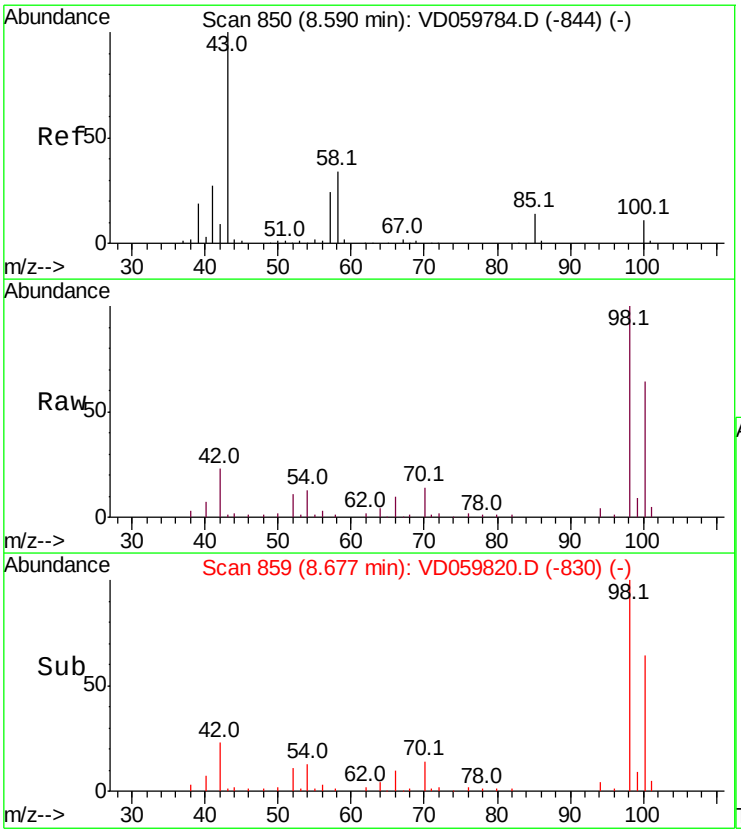
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 263053

Ion	Ratio	Lower	Upper
98	100		
100	66.3	54.2	81.4

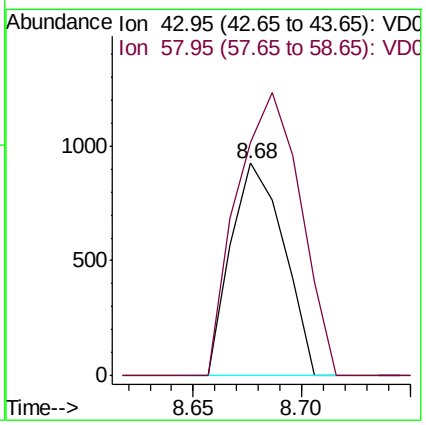


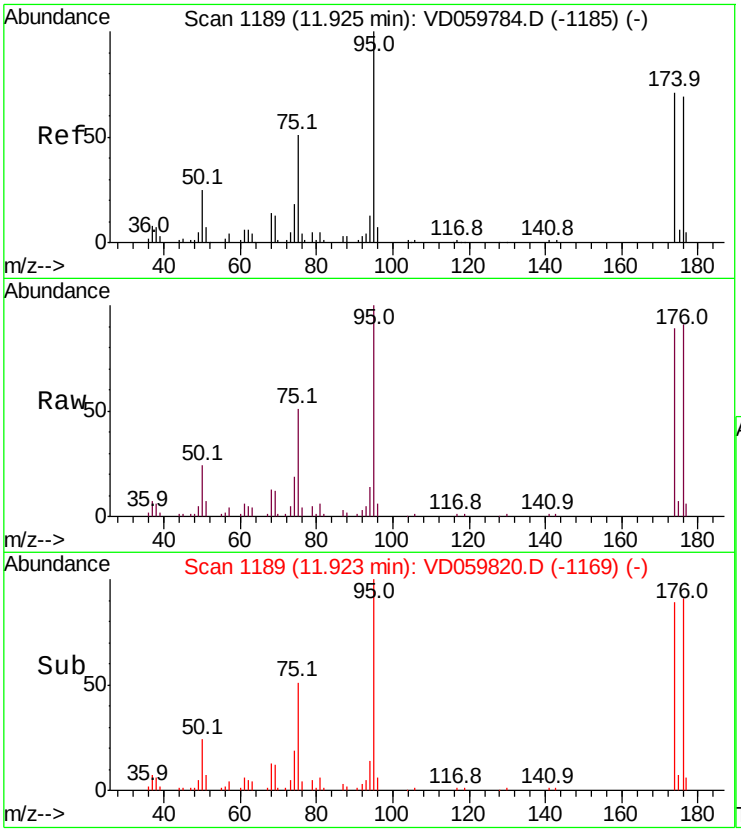


#51
4-Methyl-2-Pentanone
Concen: 1.092 ug/l
RT: 8.68 min Scan# 859
Delta R.T. 0.09 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Tgt Ion: 43 Resp: 1583

Ion	Ratio	Lower	Upper
43	100		
58	109.5	27.5	41.3#



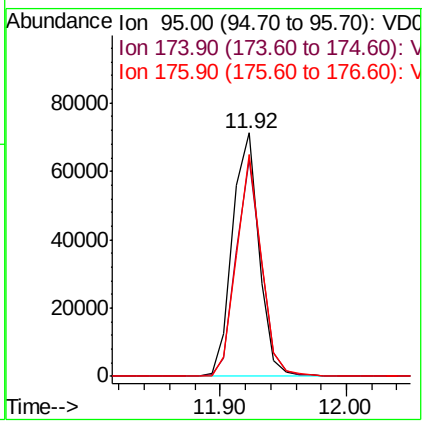


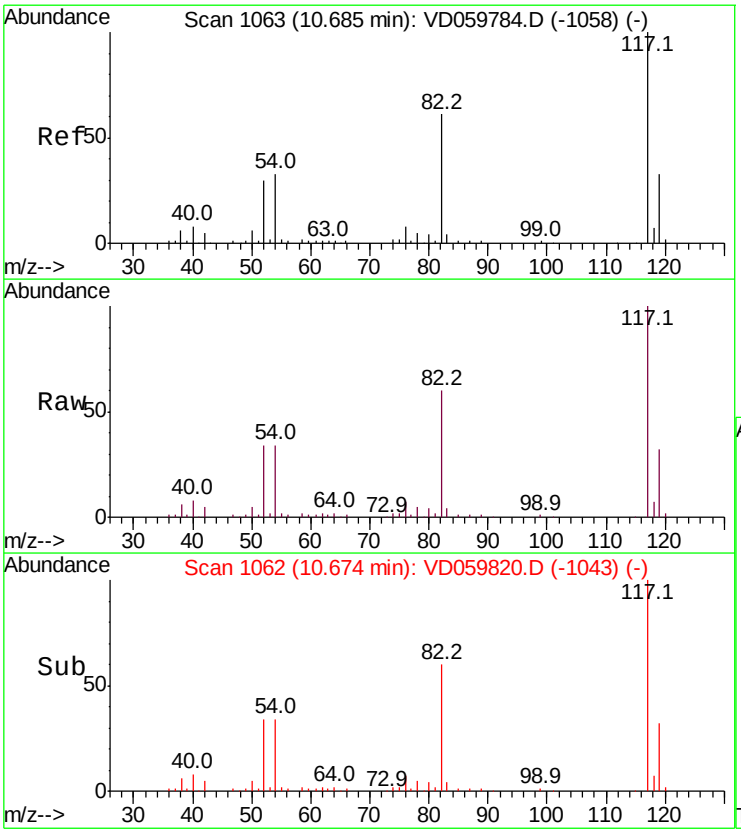
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 103037

Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	142.2
176	90.9	0.0	137.4

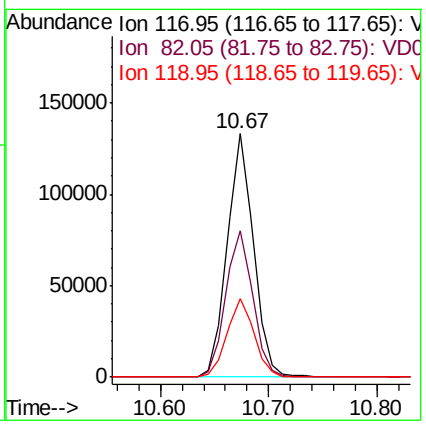


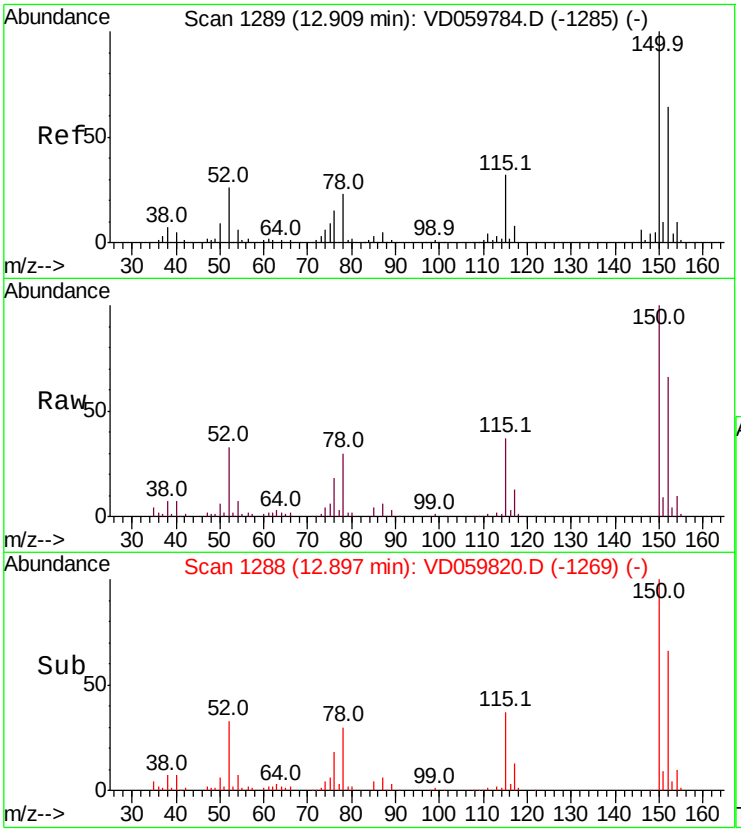


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.67 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Tgt Ion:117 Resp: 225690

Ion	Ratio	Lower	Upper
117	100		
82	60.3	49.0	73.6
119	32.4	26.2	39.2



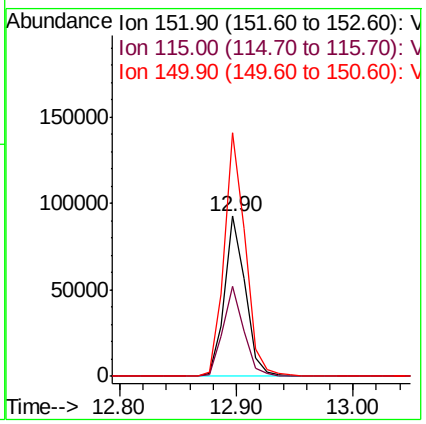


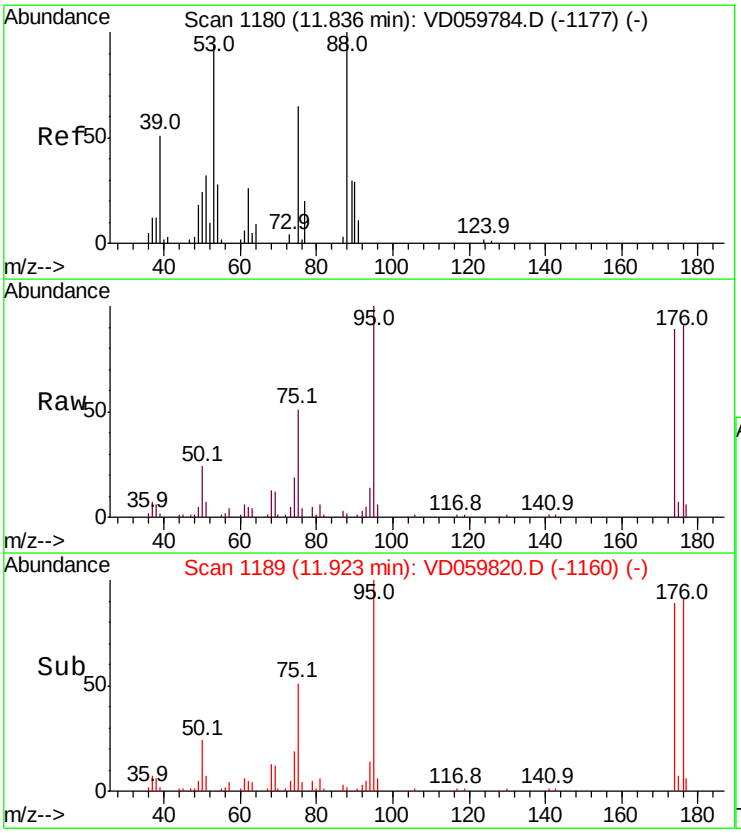
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 115253

Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.2	81.5
150	151.9	0.0	312.4





#81
trans-1,4-Dichloro-2-butene
Concen: 138.660 ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.09 min
Lab File: VD059820.D
Acq: 16 Aug 2018 19:41

Tgt Ion: 75 Resp: 53048

Ion	Ratio	Lower	Upper
75	100		
53	0.0	116.2	174.2#
89	0.0	37.0	55.6#