Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082118\

Quantitation Report (Not Reviewed)

Data File : VD059858.D
Acq On : 21 Aug 2018 16:22
Operator : JC/SY
Sample : J4535-04
Misc : 5.06g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081618-FL-036

Quant Time: Aug 22 01:12:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 21 04:40:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	1057966	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.66	114	1509965	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.66	117	1193741	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.89	152	579828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	443408	52.37	ug/l	0.01
Spiked Amount 50.000			Recovery = 104.74%			
35) Dibromofluoromethane	5.51	113	566033	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.36%			
50) Toluene-d8	8.68	98	1474989	48.98	ug/l	0.01
Spiked Amount 50.000			Recovery = 97.96%			
62) 4-Bromofluorobenzene	11.90	95	585193	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.28%			
Target Compounds						Qvalue
13) Acrolein	2.45	56	1106	4.508	ug/l #	21
16) Acetone	2.58	43	99170	69.879	ug/l	100
17) Carbon Disulfide	2.73	76	2167	Below Cal	#	76
18) Methyl Acetate	2.90	43	1136	Below Cal	#	65
20) Methylene Chloride	3.04	84	23865	Below Cal		92
25) 2-Butanone	4.79	43	48339	11.269	ug/l	97
29) Tetrahydrofuran	5.15	42	3393	1.562	ug/l #	49
31) Cyclohexane	5.61	56	21437	Below Cal	#	1
36) 1,1-Dichloropropene	5.61	75	74527	5.820	ug/l #	47
37) Ethyl Acetate	4.79	43	48679	5.128	ug/l #	75
38) Carbon Tetrachloride	5.61	117	83660	6.546	ug/l #	16
58) 2-Chloroethyl Vinyl ether	8.15	63	185	9.535	ug/l #	51
67) Ethyl Benzene	10.83	91	1597	Below Cal	#	43
80) 1,3,5-Trimethylbenzene	12.30	105	1457	Below Cal		98
81) trans-1,4-Dichloro-2-buten	11.90	75	232556	77.552	ug/l #	10
82) 4-Chlorotoluene	12.31	91	1752	Below Cal		86
89) n-Butylbenzene	13.17	91	1979	Below Cal	#	84
91) 1,2-Dichlorobenzene	13.17	146	1300	Below Cal		90

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

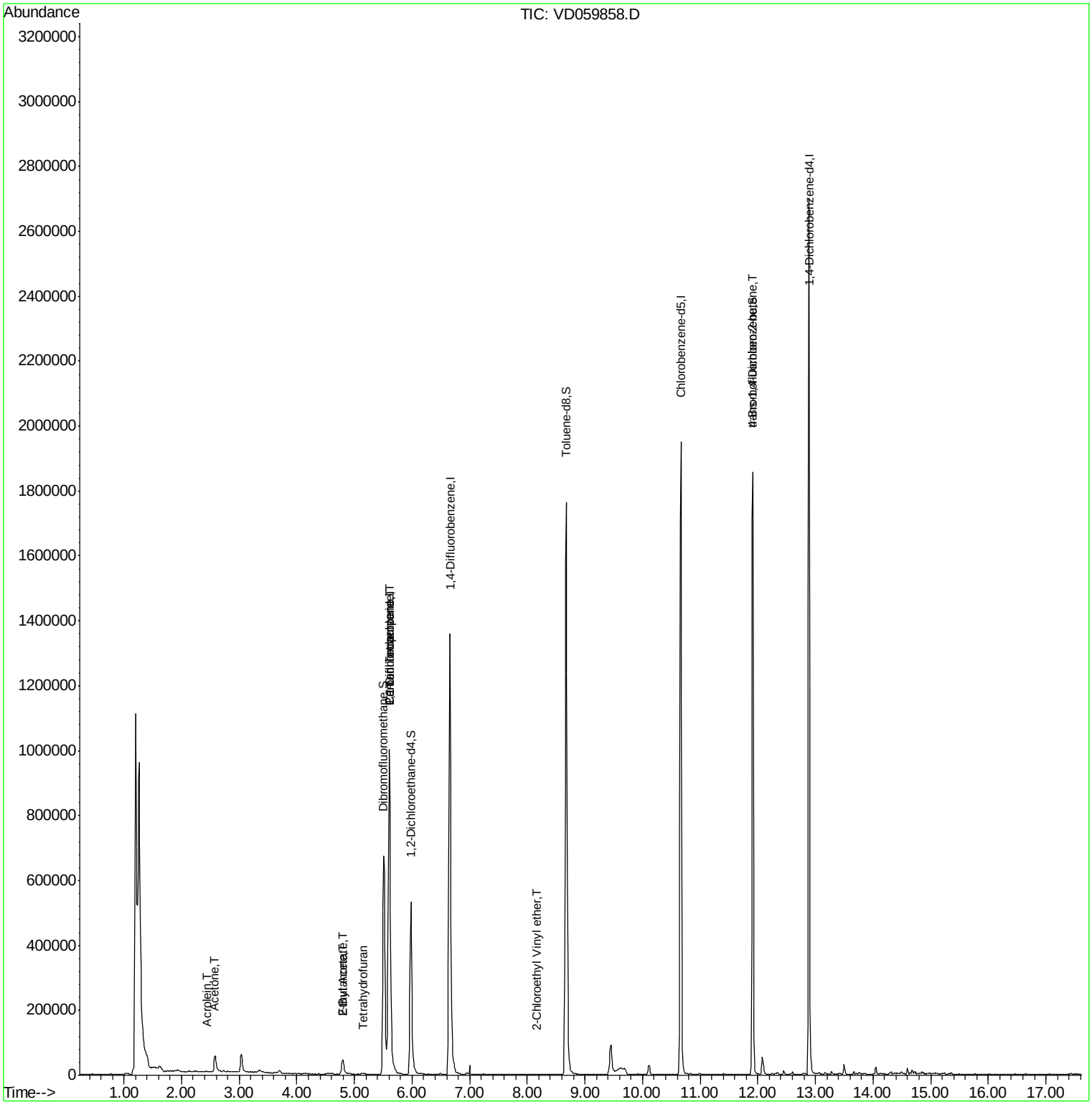
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082118\

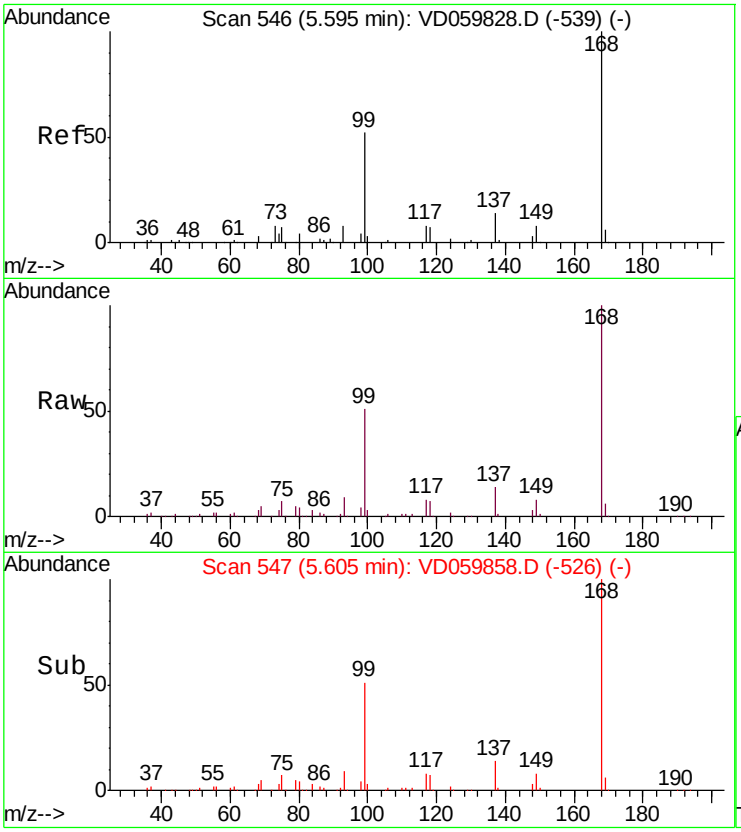
Quantitation Report (Not Reviewed)

Data File : VD059858.D
Acq On : 21 Aug 2018 16:22
Operator : JC/SY
Sample : J4535-04
Misc : 5.06g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-036

Quant Time: Aug 22 01:12:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 21 04:40:12 2018
Response via : Initial Calibration



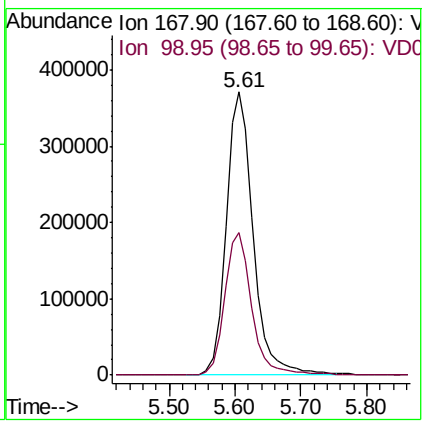


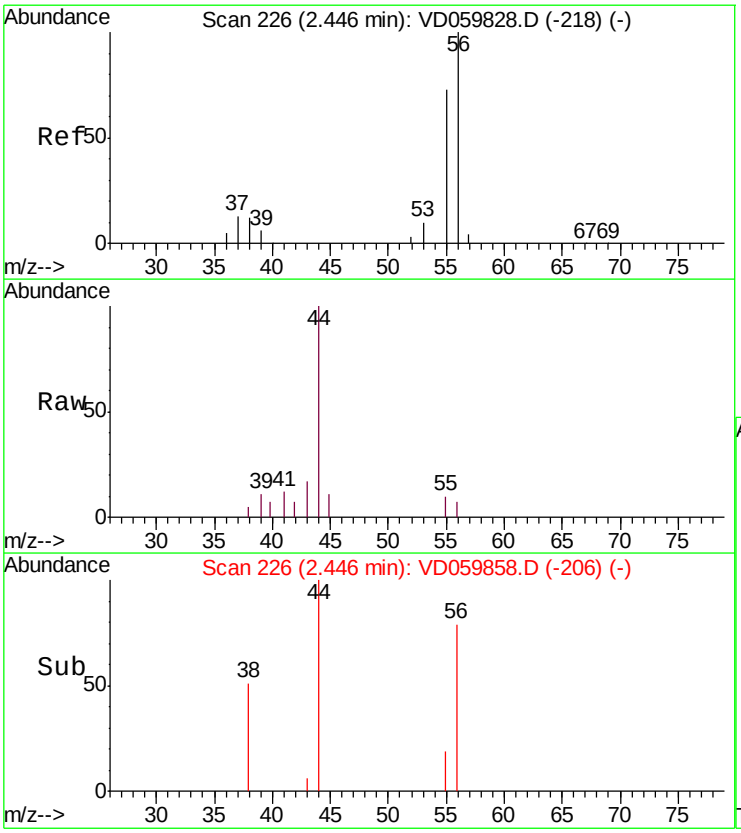
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 547
Delta R.T. 0.01 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-036

Tgt Ion:168 Resp: 1057966

Ion	Ratio	Lower	Upper
168	100		
99	50.6	43.6	65.4

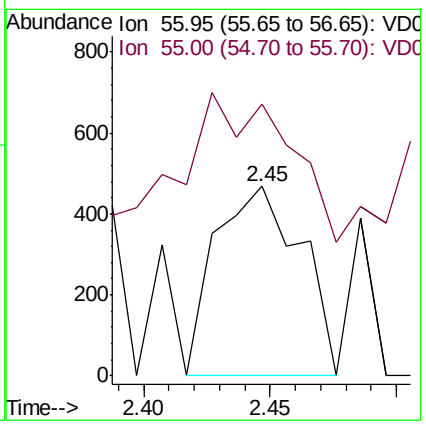


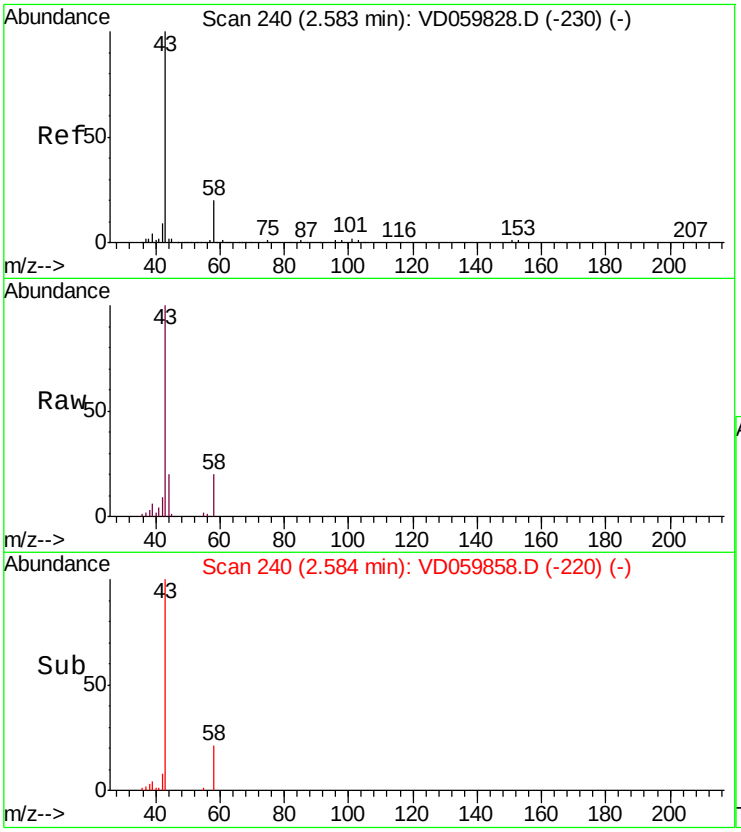


#13
Acrolein
Concen: 4.508 ug/l
RT: 2.45 min Scan# 226
Delta R.T. 0.00 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Tgt Ion: 56 Resp: 1106

Ion	Ratio	Lower	Upper
56	100		
55	143.2	60.4	90.6#



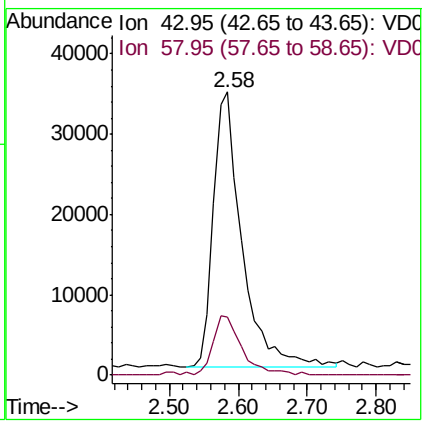


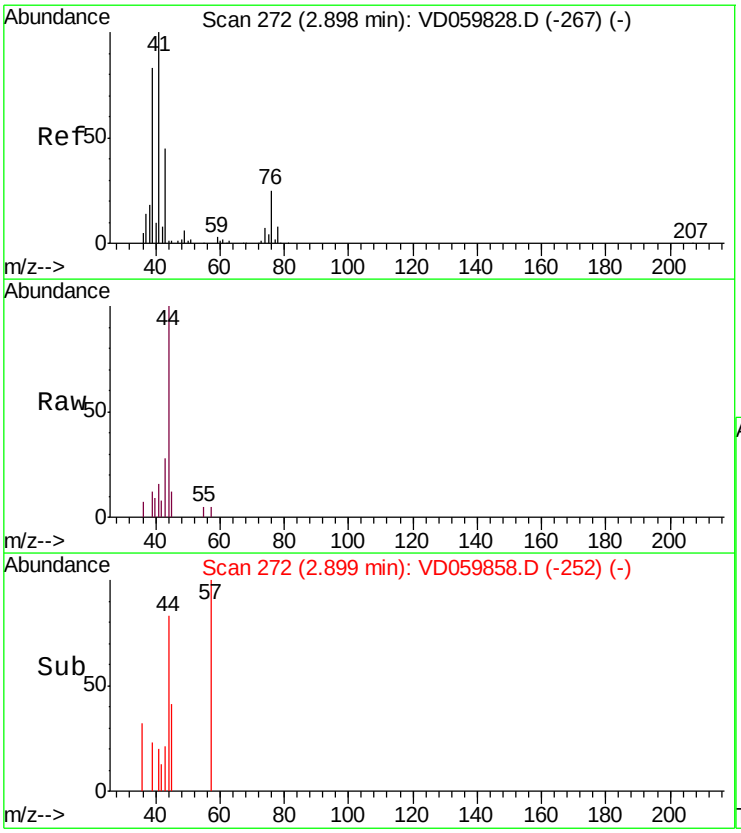
#16
Acetone
Concen: 69.879 ug/l
RT: 2.58 min Scan# 240
Delta R.T. 0.00 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-036

Tgt Ion: 43 Resp: 99170

Ion	Ratio	Lower	Upper
43	100		
58	20.4	16.2	24.2

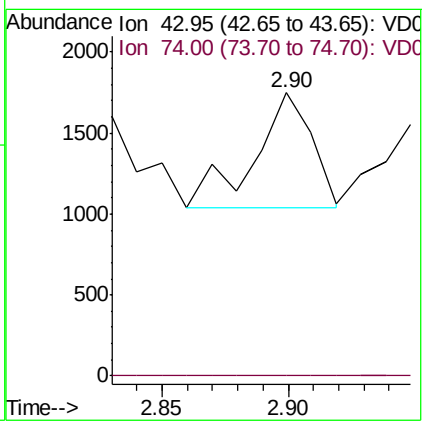


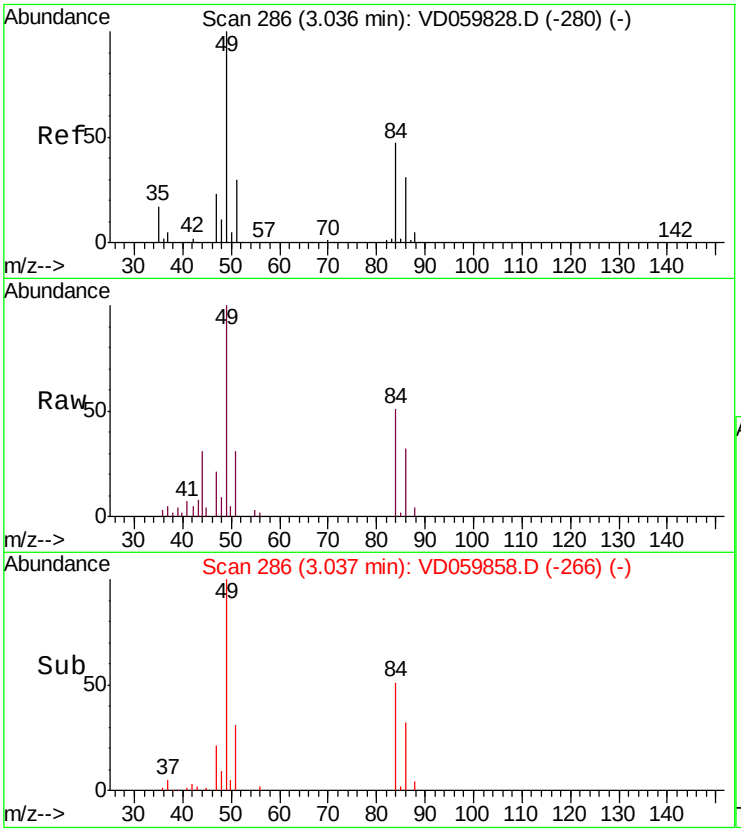


#18
Methyl Acetate
Concen: Below Cal
RT: 2.90 min Scan# 272
Delta R.T. 0.00 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Tgt Ion: 43 Resp: 1136

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.4	17.0#



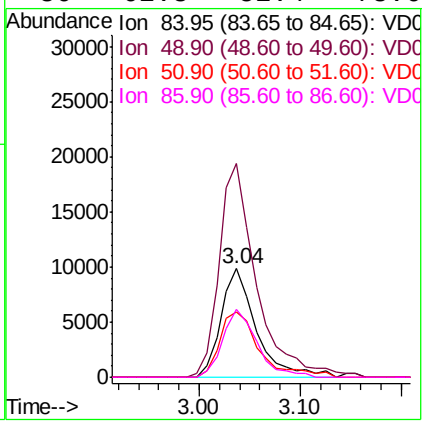


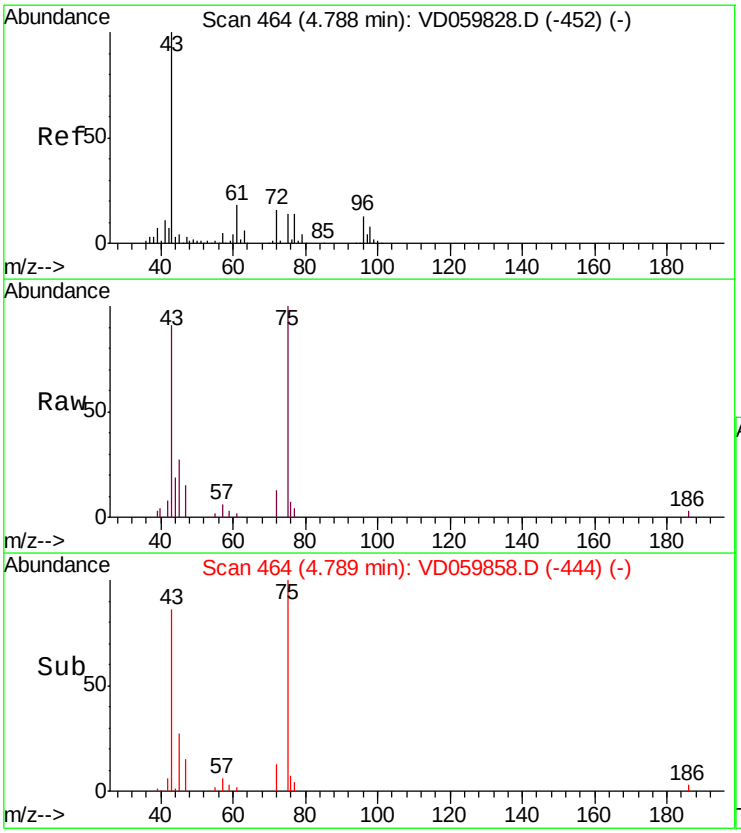
#20
Methylene Chloride
Concen: Below Cal
RT: 3.04 min Scan# 286
Delta R.T. 0.00 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-036

Tgt Ion: 84 Resp: 23865

Ion	Ratio	Lower	Upper
84	100		
49	197.4	170.4	255.6
51	60.5	51.4	77.0
86	62.8	52.4	78.6

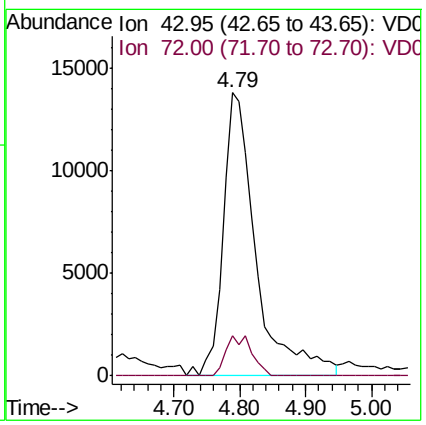


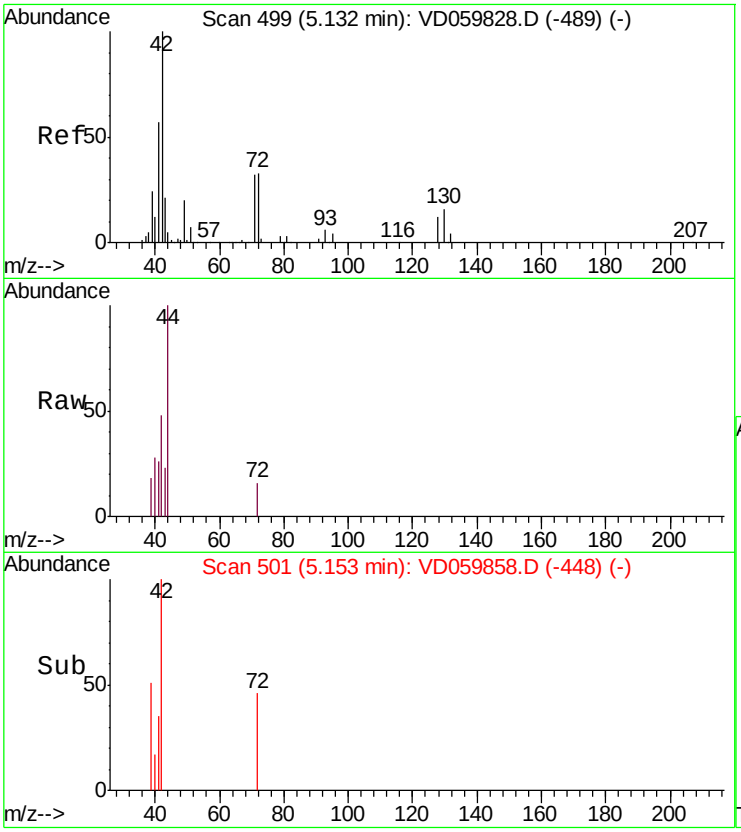


#25
2-Butanone
Concen: 11.269 ug/l
RT: 4.79 min Scan# 464
Delta R.T. 0.00 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Tgt Ion: 43 Resp: 48339

Ion	Ratio	Lower	Upper
43	100		
72	14.3	12.4	18.6



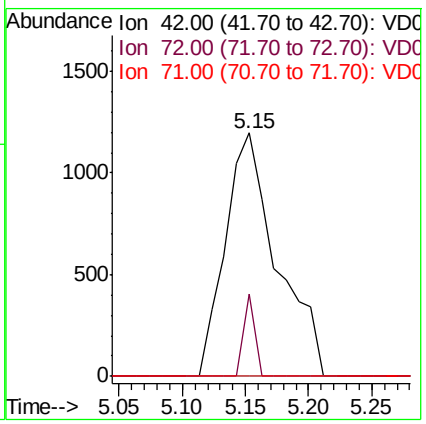


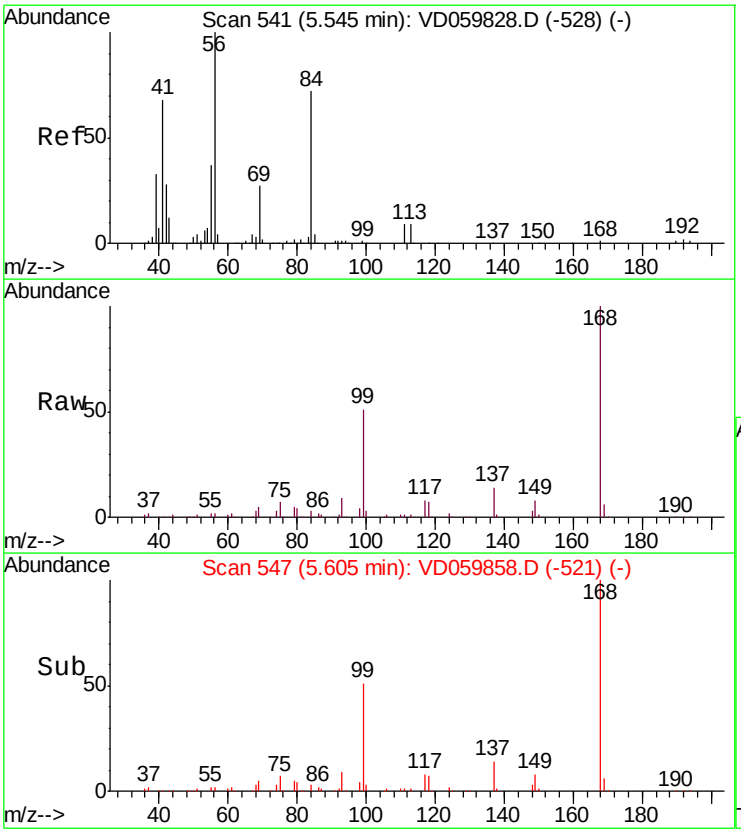
#29
Tetrahydrofuran
Concen: 1.562 ug/l
RT: 5.15 min Scan# 501
Delta R.T. 0.02 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-036

Tgt Ion: 42 Resp: 3393

Ion	Ratio	Lower	Upper
42	100		
72	7.0	25.8	38.6#
71	0.0	25.7	38.5#

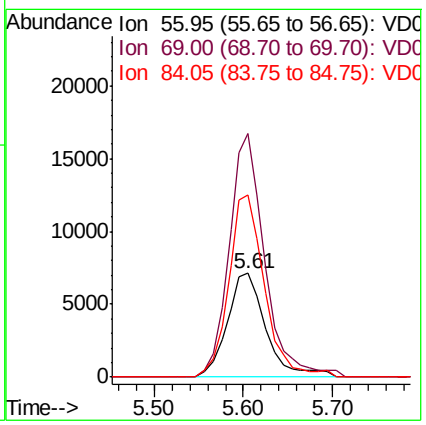


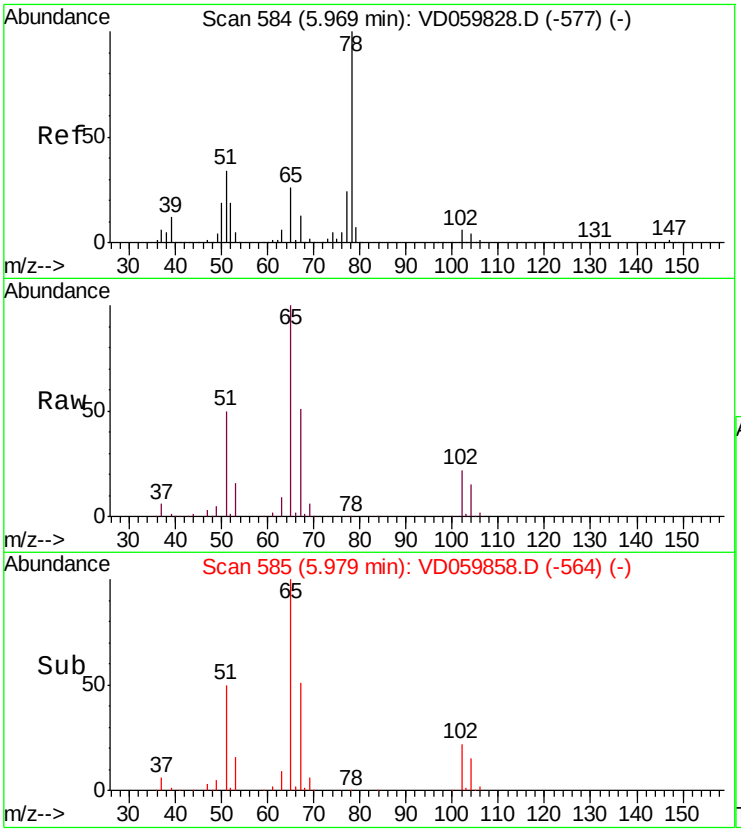


#31
Cyclohexane
Concen: Below Cal
RT: 5.61 min Scan# 547
Delta R.T. 0.06 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Tgt Ion: 56 Resp: 21437

Ion	Ratio	Lower	Upper
56	100		
69	235.3	21.7	32.5#
84	175.9	57.8	86.6#



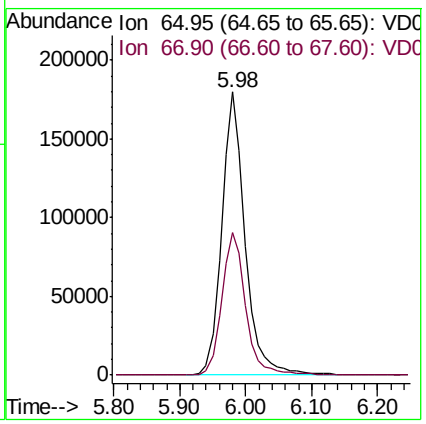


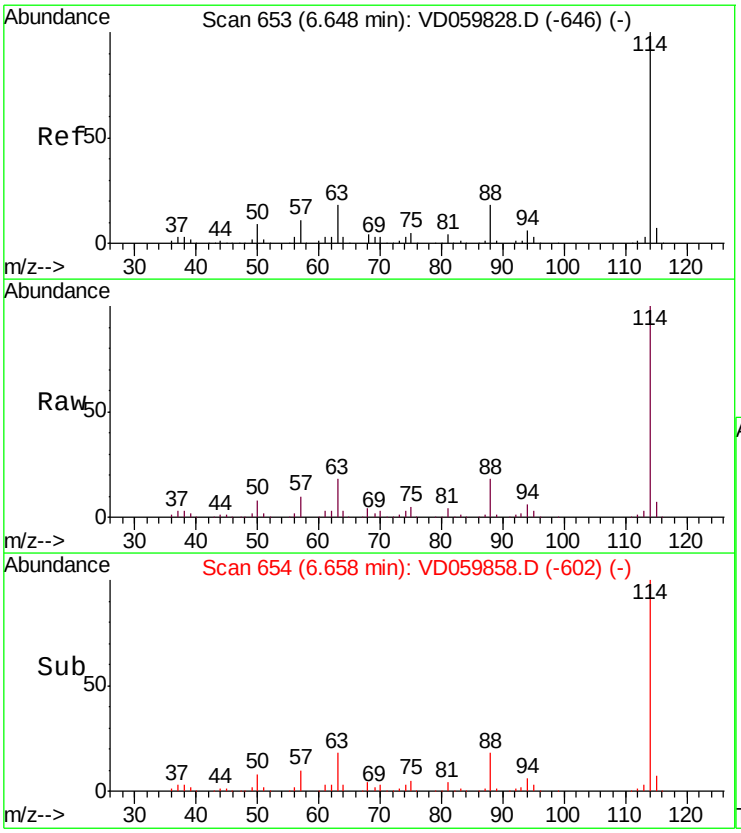
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.98 min Scan# 585
Delta R.T. 0.01 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Instrument : MSVOA_D
ClientSampleId : RA-081618-FL-036

Tgt Ion: 65 Resp: 443408

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.4

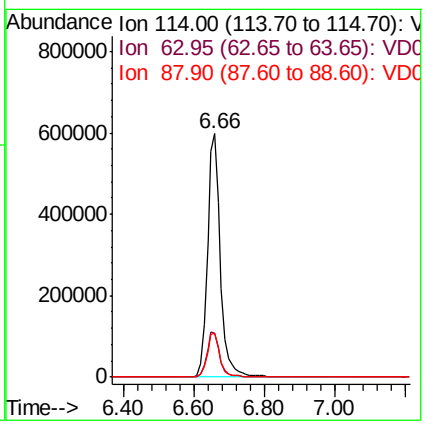


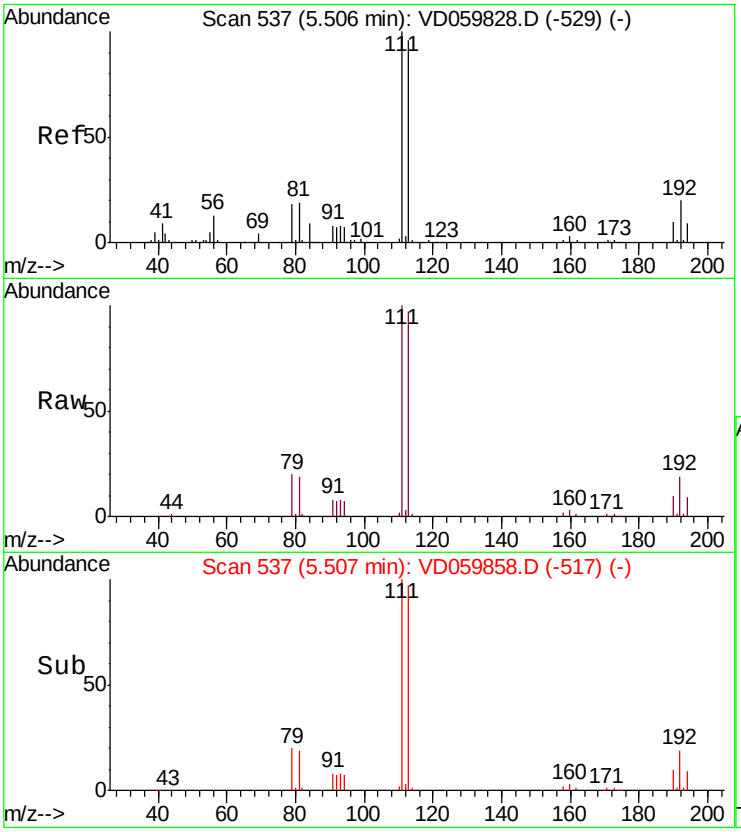


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.66 min Scan# 654
Delta R.T. 0.01 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Tgt Ion:114 Resp: 1509965

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	37.0
88	18.1	0.0	37.0



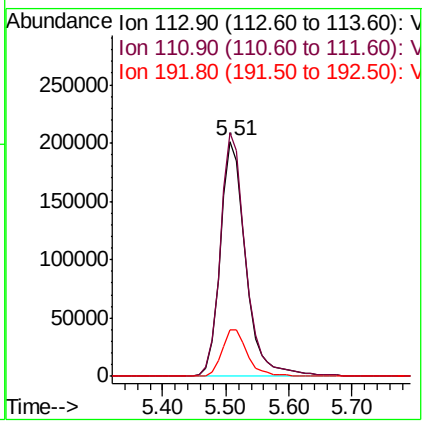


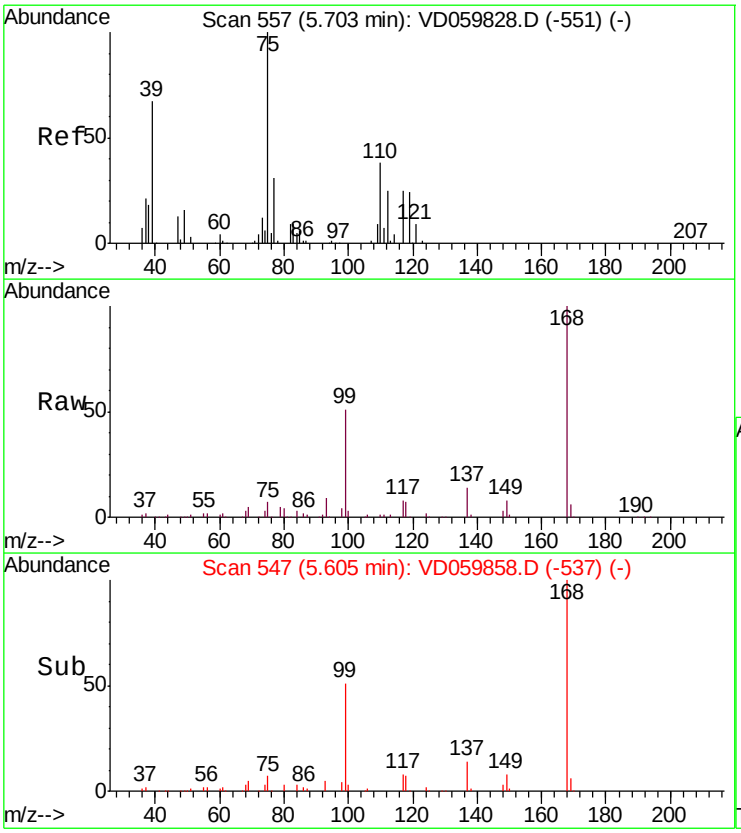
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.51 min Scan# 537
Delta R.T. 0.00 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-036

Tgt Ion:113 Resp: 566033

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.3	124.9
192	19.5	16.8	25.2

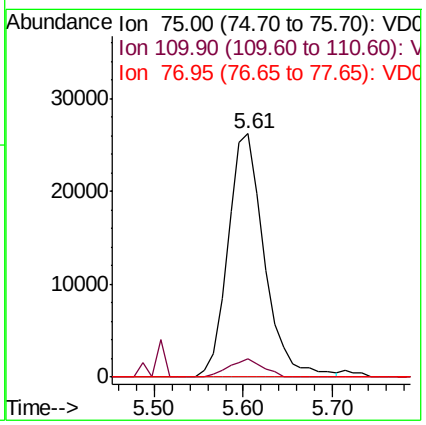


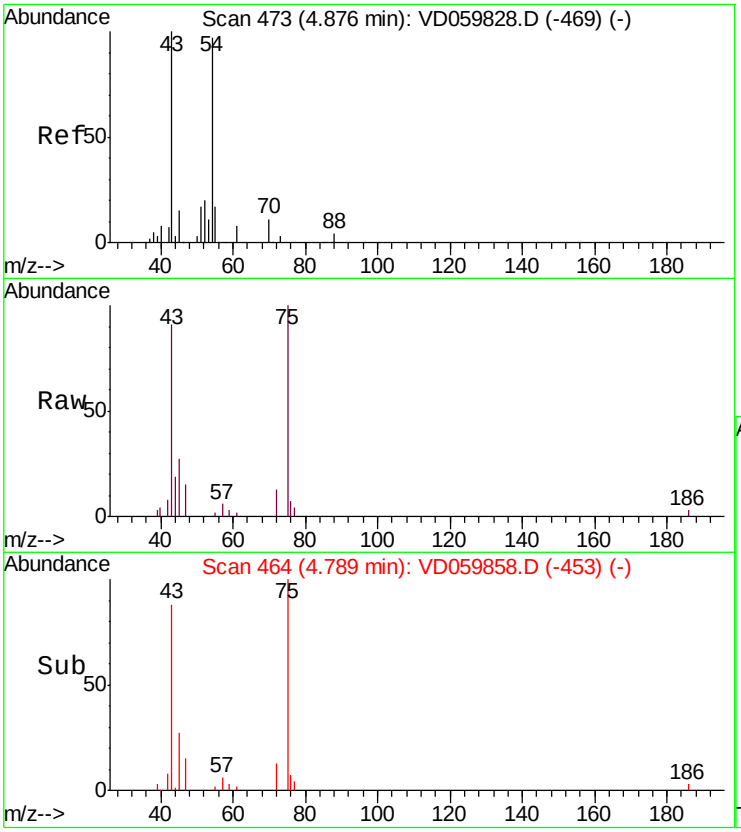


#36
1,1-Dichloropropene
Concen: 5.820 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.10 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Tgt Ion: 75 Resp: 74527

Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.8	56.4#
77	0.0	24.9	37.3#



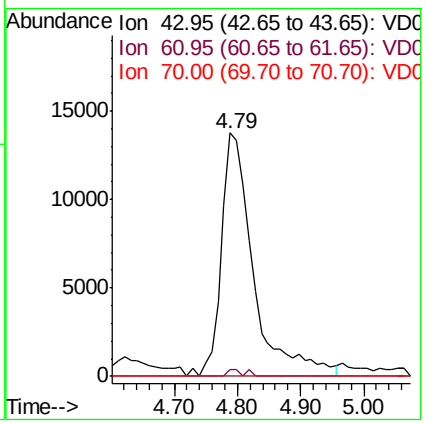


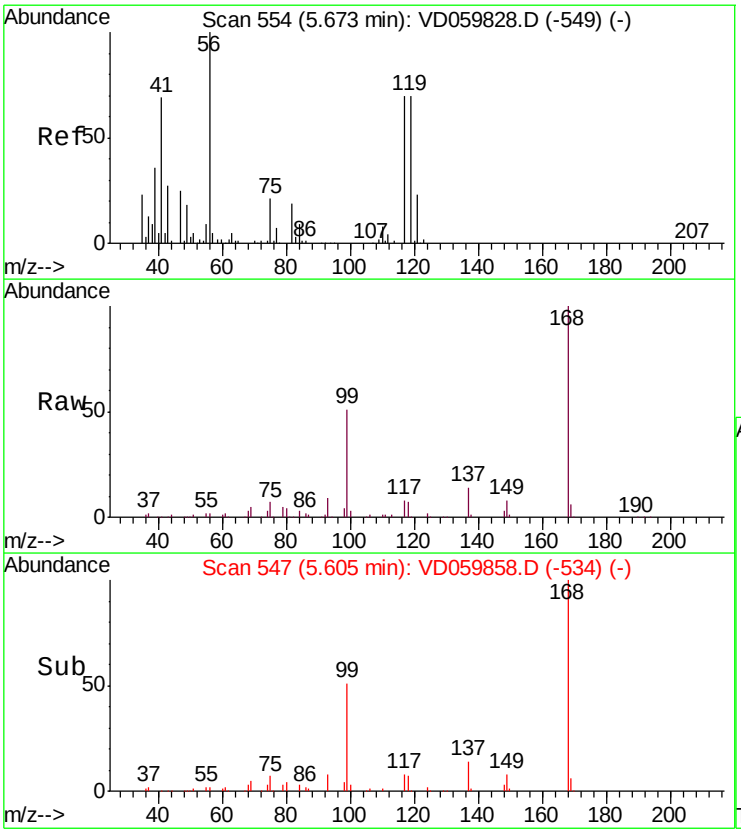
#37
Ethyl Acetate
Concen: 5.128 ug/l
RT: 4.79 min Scan# 464
Delta R.T. -0.09 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-036

Tgt Ion: 43 Resp: 48679

Ion	Ratio	Lower	Upper
43	100		
61	2.6	10.4	15.6#
70	0.0	6.2	9.2#

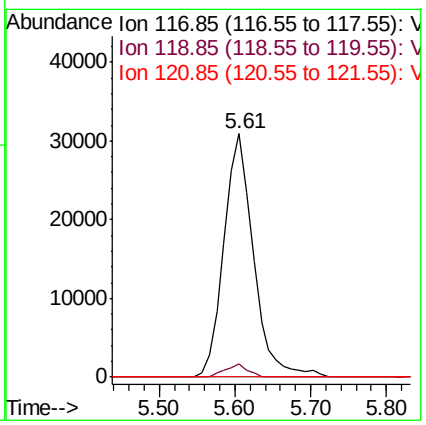


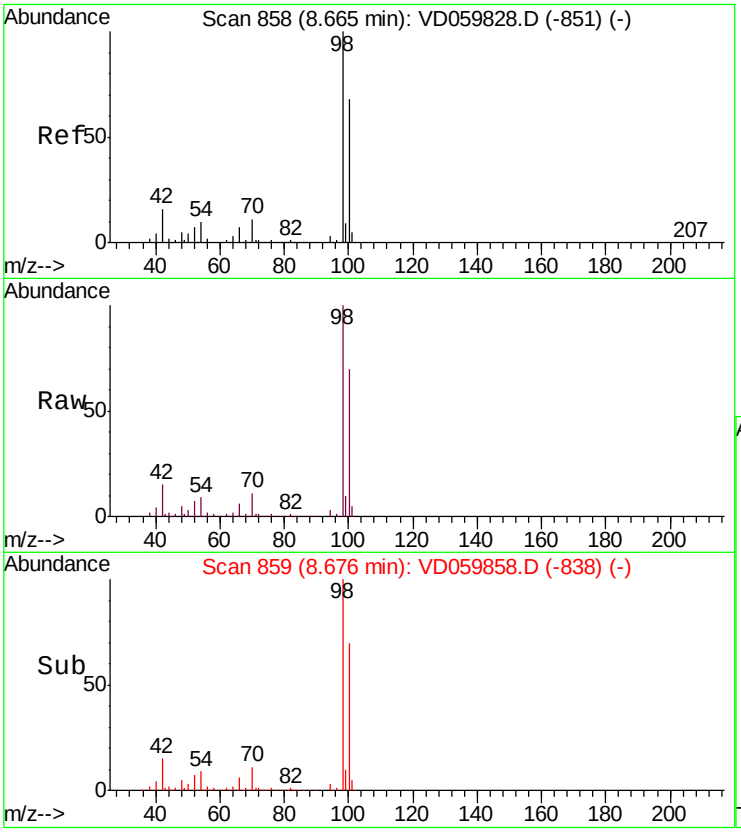


#38
Carbon Tetrachloride
Concen: 6.546 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.07 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Tgt Ion:117 Resp: 83660

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.0	115.4#
121	0.0	24.7	37.1#



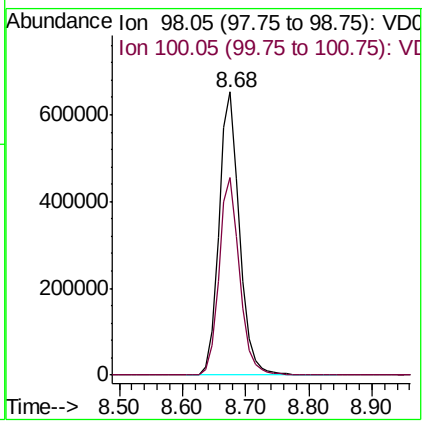


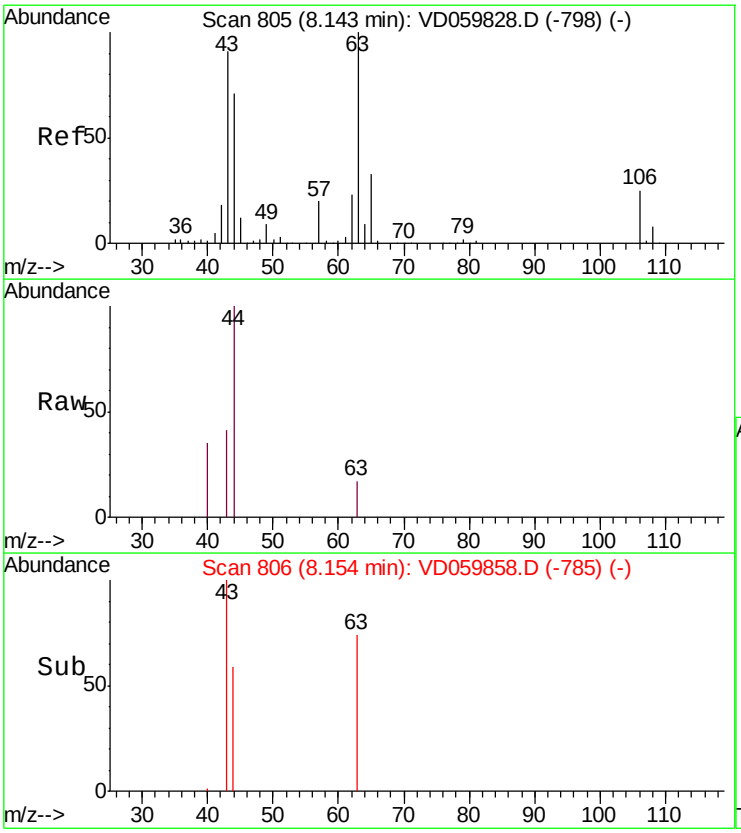
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.68 min Scan# 859
Delta R.T. 0.01 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Instrument : MSVOA_D
ClientSampleId : RA-081618-FL-036

Tgt Ion: 98 Resp: 1474989

Ion	Ratio	Lower	Upper
98	100		
100	70.0	55.0	82.4

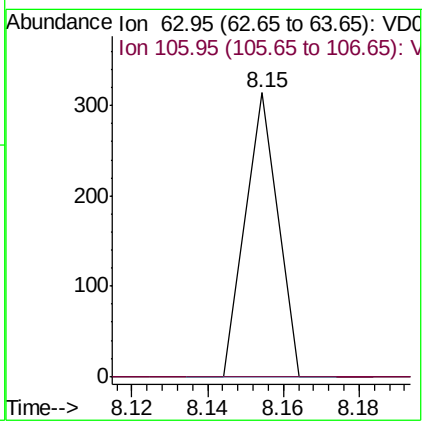


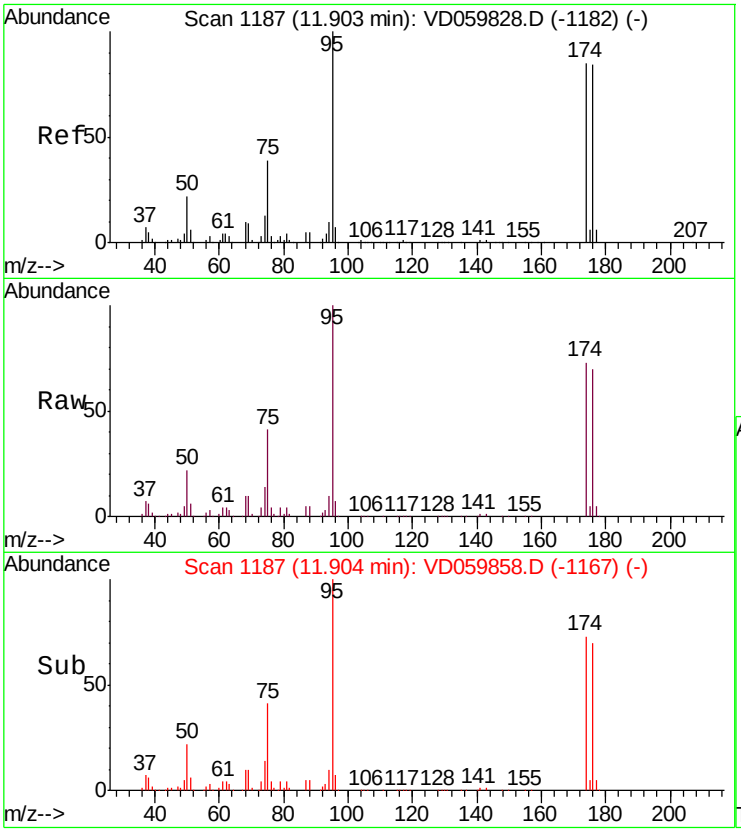


#58
2-Chloroethyl Vinyl ether
Concen: 9.535 ug/l
RT: 8.15 min Scan# 806
Delta R.T. 0.01 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Tgt Ion: 63 Resp: 185

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.6	29.4#



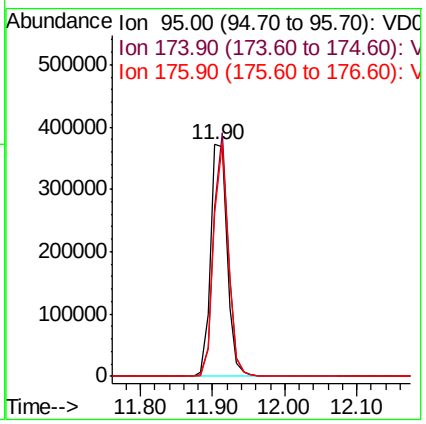


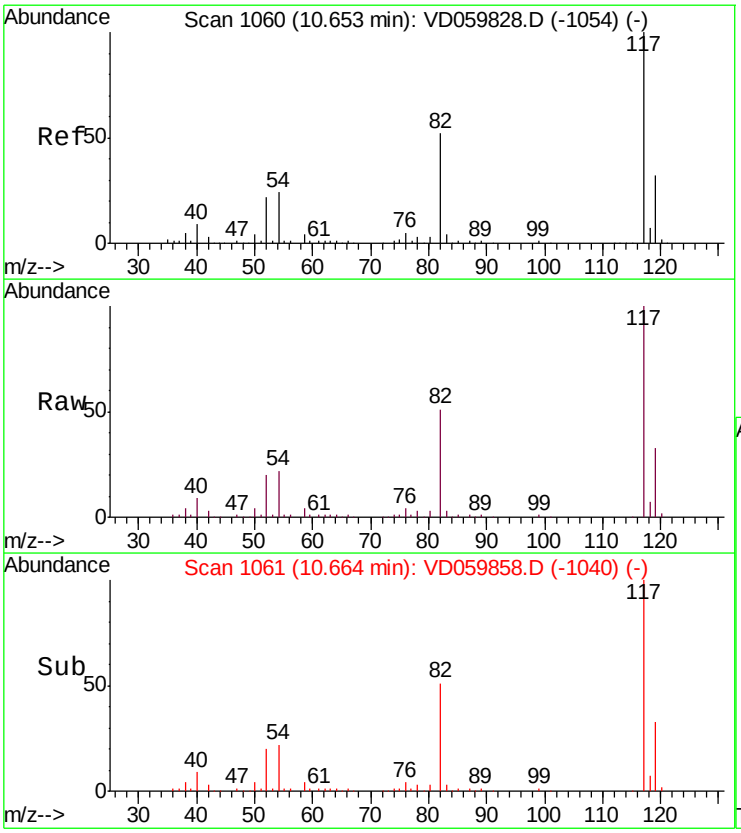
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.90 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-036

Tgt Ion: 95 Resp: 585193

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	169.2
176	70.4	0.0	168.0

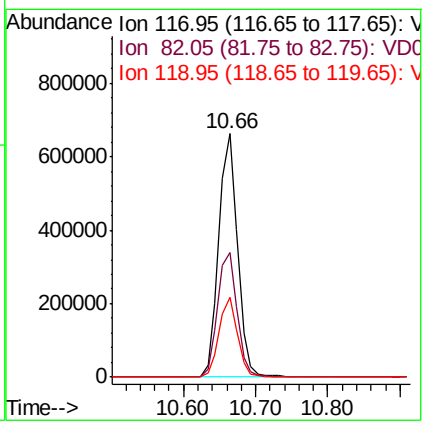


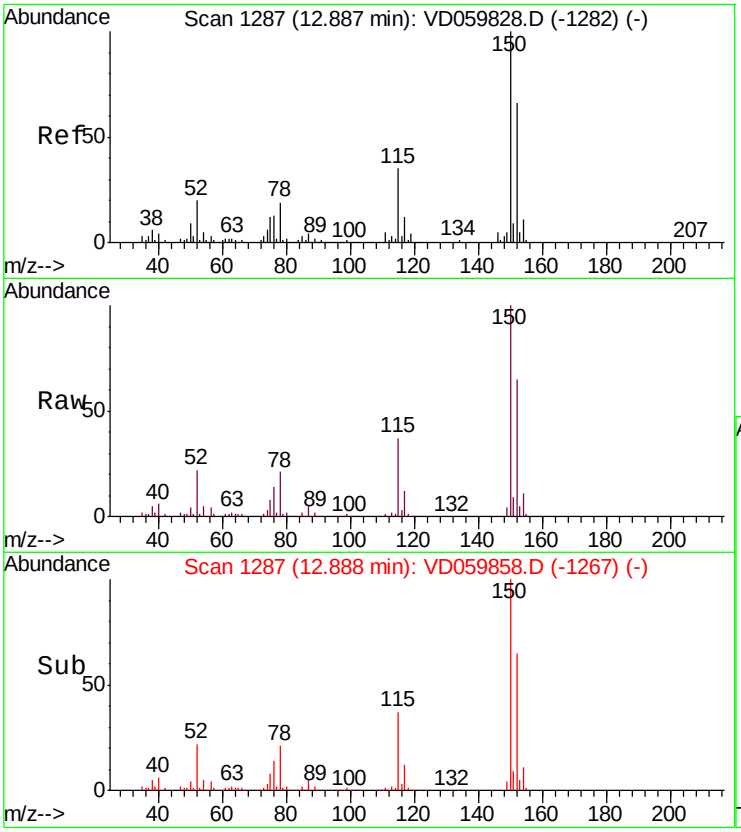


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.66 min Scan# 1061
Delta R.T. 0.01 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Tgt Ion:117 Resp: 1193741

Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.6	62.4
119	32.9	25.6	38.4



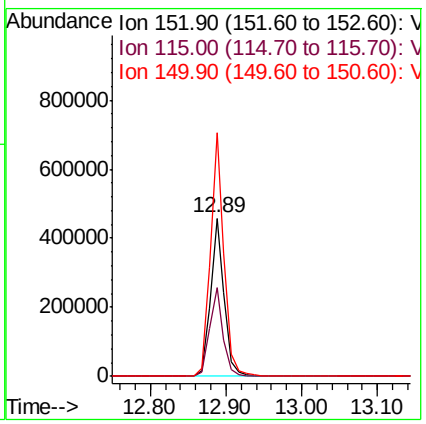


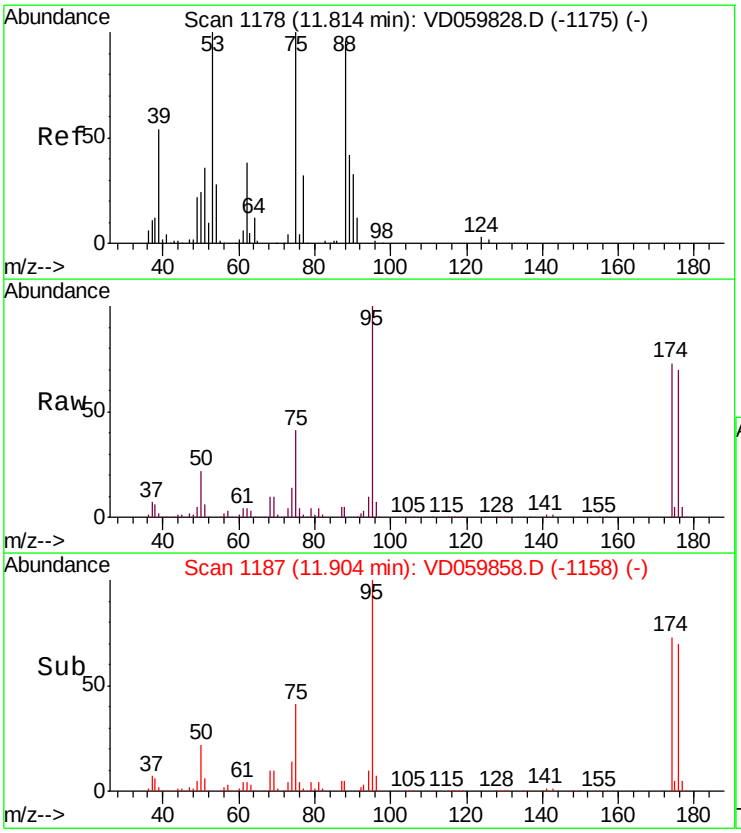
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.89 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Instrument : MSVOA_D
ClientSampleId : RA-081618-FL-036

Tgt Ion:152 Resp: 579828

Ion	Ratio	Lower	Upper
152	100		
115	56.5	26.9	80.6
150	154.3	0.0	306.8





#81
trans-1,4-Dichloro-2-butene
Concen: 77.552 ug/l
RT: 11.90 min Scan# 1187
Delta R.T. 0.09 min
Lab File: VD059858.D
Acq: 21 Aug 2018 16:22

Tgt Ion: 75 Resp: 232556

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.7	121.1#
89	0.0	33.9	50.9#