Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD083018\
Data File : VD059926.D
Acq On : 30 Aug 2018 15:01
Operator : JC/SY
Sample : J4723-01
Misc : 5.05g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Aug 30 18:05:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1072694	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	1570520	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1094244	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	378659	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	377472	41.75	ug/l	-0.02
Spiked Amount 50.000			Recovery = 83.50%			
35) Dibromofluoromethane	6.31	113	461996	37.52	ug/l	-0.02
Spiked Amount 50.000			Recovery = 75.04%			
50) Toluene-d8	9.45	98	1081006	31.63	ug/l	-0.01
Spiked Amount 50.000			Recovery = 63.26%			
62) 4-Bromofluorobenzene	12.42	95	363361	26.18	ug/l	-0.01
Spiked Amount 50.000			Recovery = 52.36%			
Target Compounds						Qvalue
10) Methyl Iodide	3.23	142	483	3.553	ug/l #	31
13) Acrolein	2.97	56	620	2.072	ug/l #	1
16) Acetone	3.14	43	42687	25.915	ug/l	93
20) Methylene Chloride	3.70	84	80647	3.904	ug/l	93
25) 2-Butanone	5.61	43	23492	4.815	ug/l #	88
29) Tetrahydrofuran	5.95	42	4038	1.739	ug/l #	58
31) Cyclohexane	6.39	56	25102	1.458	ug/l #	1
36) 1,1-Dichloropropene	6.39	75	77820	5.466	ug/l #	46
38) Carbon Tetrachloride	6.39	117	86651	6.031	ug/l #	15
74) N-amyl acetate	12.09	43	19508	1.843	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.58	83	10007	1.790	ug/l #	47
81) trans-1,4-Dichloro-2-buten	12.42	75	150322	82.112	ug/l #	12
89) n-Butylbenzene	13.64	91	10409	Below Cal		83
92) 1,2-Dibromo-3-Chloropropan	14.22	75	996	1.159	ug/l #	1

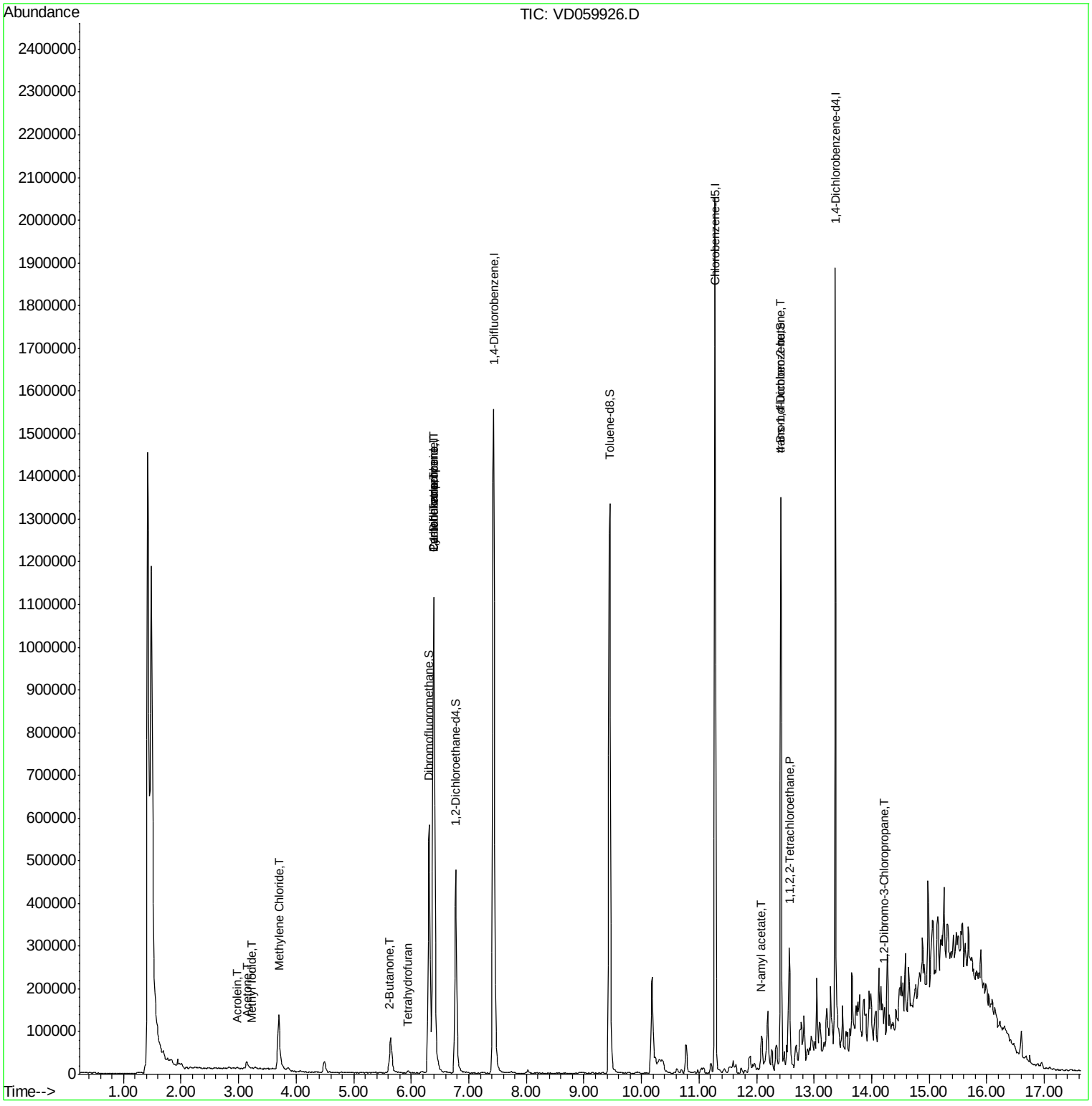
(#) = qualifier out of range (m) = manual integration (+) = signals summed

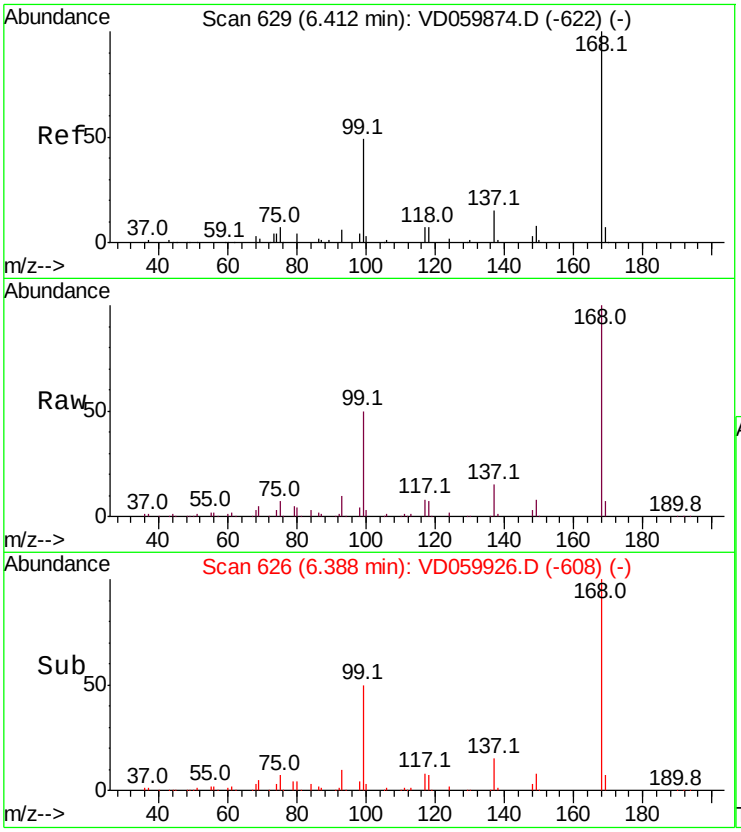
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083018\
Data File : VD059926.D
Acq On : 30 Aug 2018 15:01
Operator : JC/SY
Sample : J4723-01
Misc : 5.05g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 30 18:05:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration



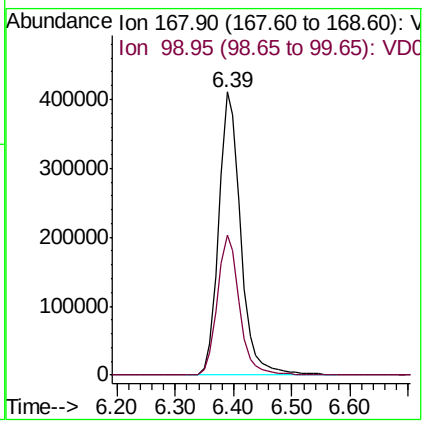


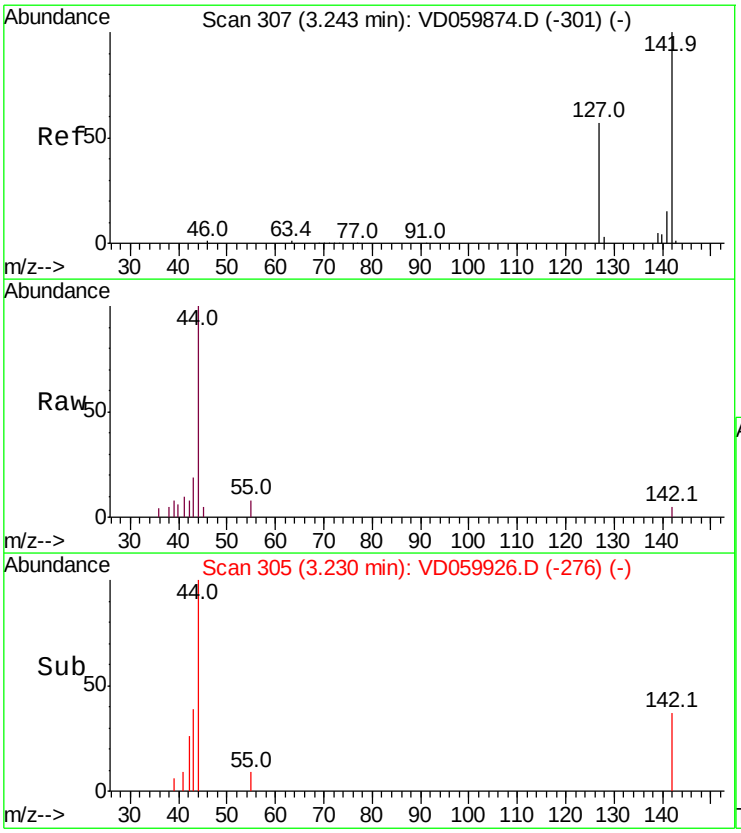
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 626
Delta R.T. -0.02 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 1072694

Ion	Ratio	Lower	Upper
168	100		
99	49.5	42.2	63.2

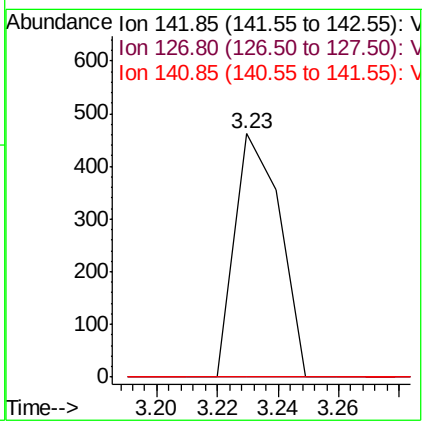


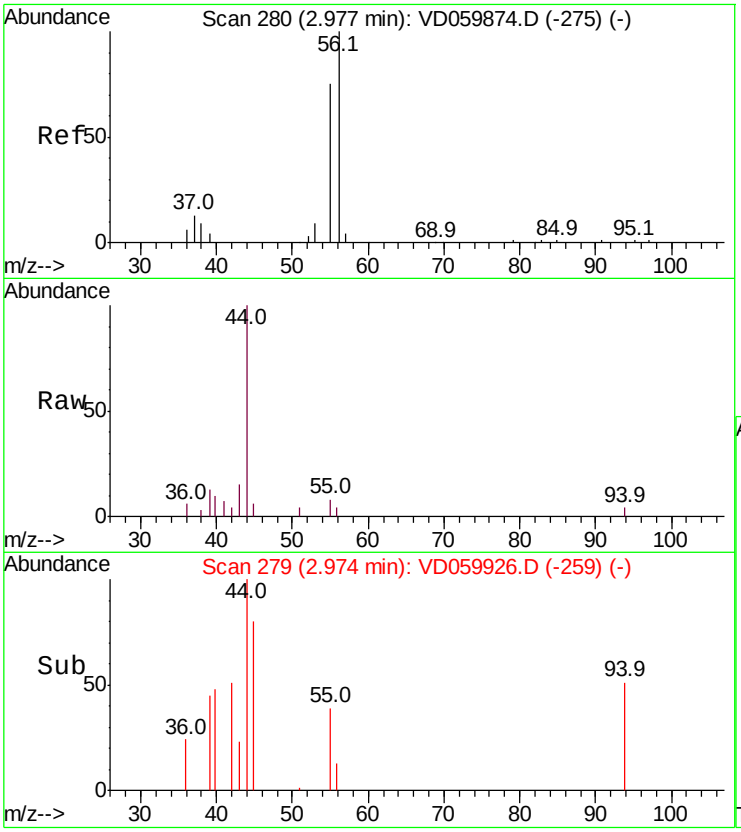


#10
Methyl Iodide
Concen: 3.553 ug/l
RT: 3.23 min Scan# 305
Delta R.T. -0.01 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Tgt Ion:142 Resp: 483

Ion	Ratio	Lower	Upper
142	100		
127	0.0	45.8	68.6#
141	0.0	11.6	17.4#



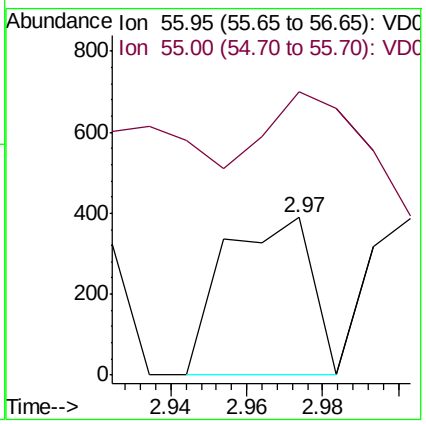


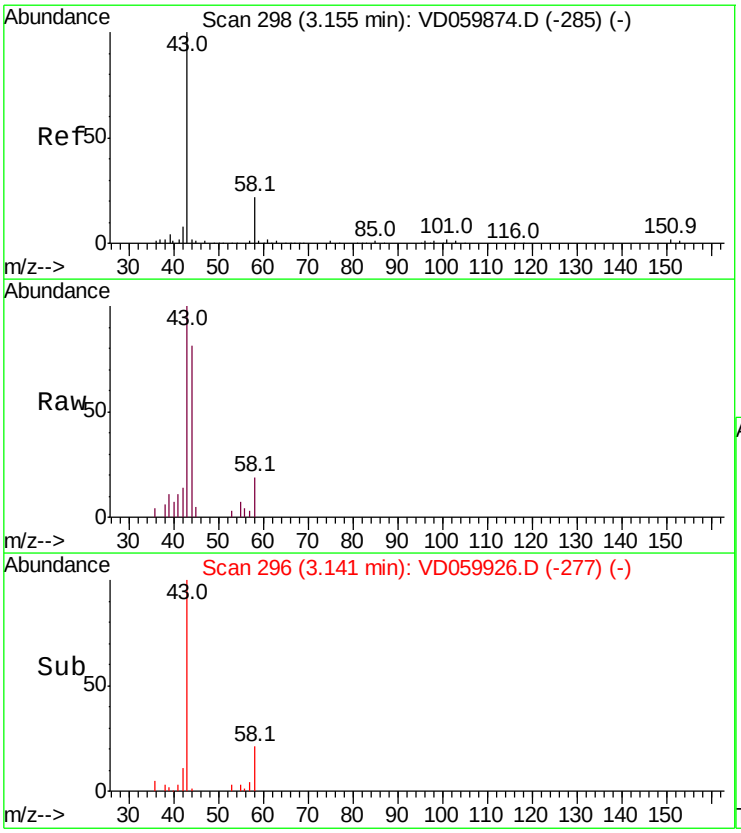
#13
Acrolein
Concen: 2.072 ug/l
RT: 2.97 min Scan# 279
Delta R.T. -0.00 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 620

Ion	Ratio	Lower	Upper
56	100		
55	179.7	61.9	92.9#

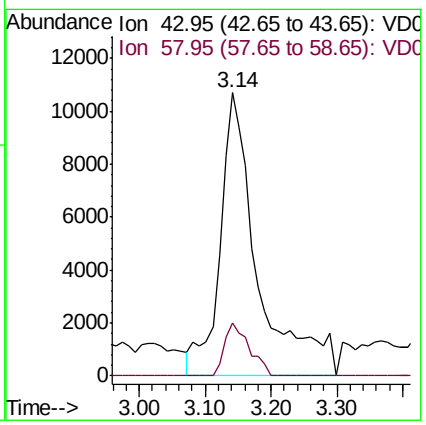


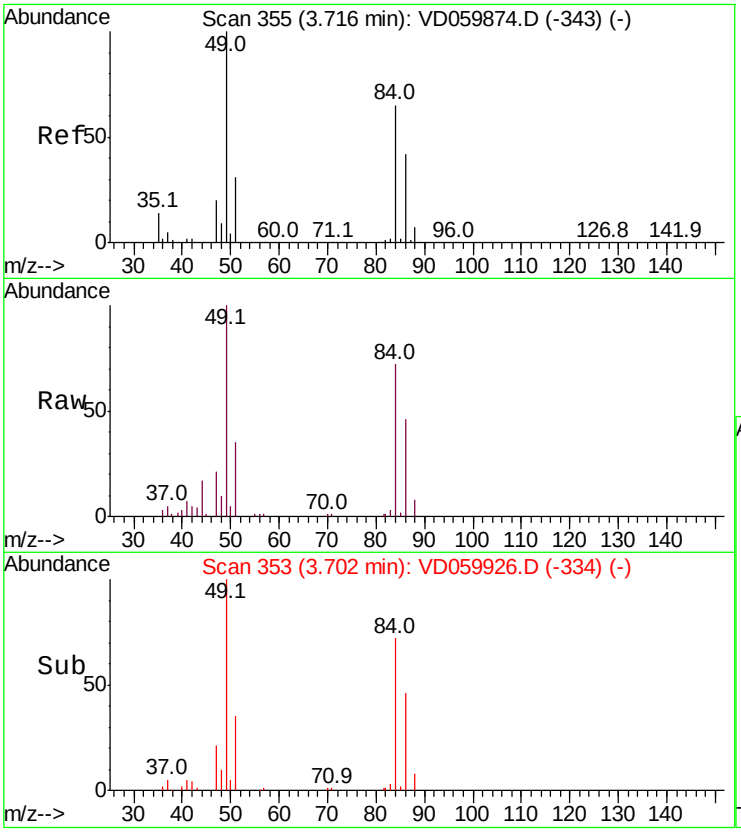


#16
Acetone
Concen: 25.915 ug/l
RT: 3.14 min Scan# 296
Delta R.T. -0.01 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Tgt Ion: 43 Resp: 42687

Ion	Ratio	Lower	Upper
43	100		
58	18.5	17.6	26.4



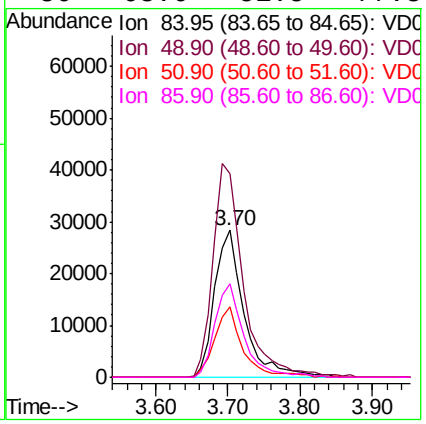


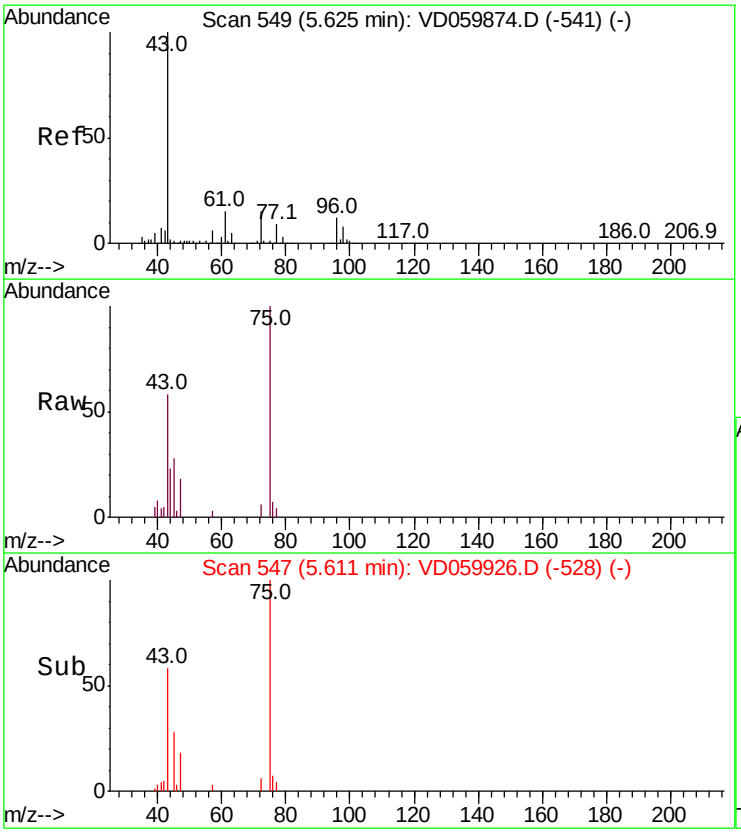
#20
Methylene Chloride
Concen: 3.904 ug/l
RT: 3.70 min Scan# 353
Delta R.T. -0.01 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 80647

Ion	Ratio	Lower	Upper
84	100		
49	138.5	122.6	183.8
51	47.8	38.4	57.6
86	63.6	51.5	77.3

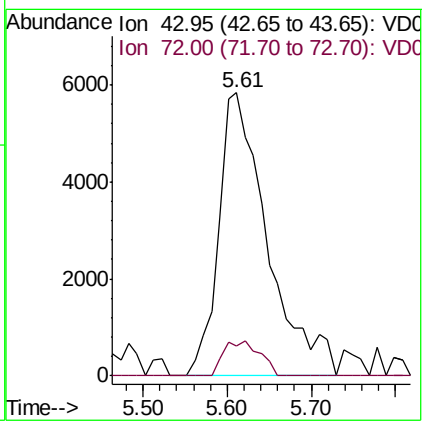


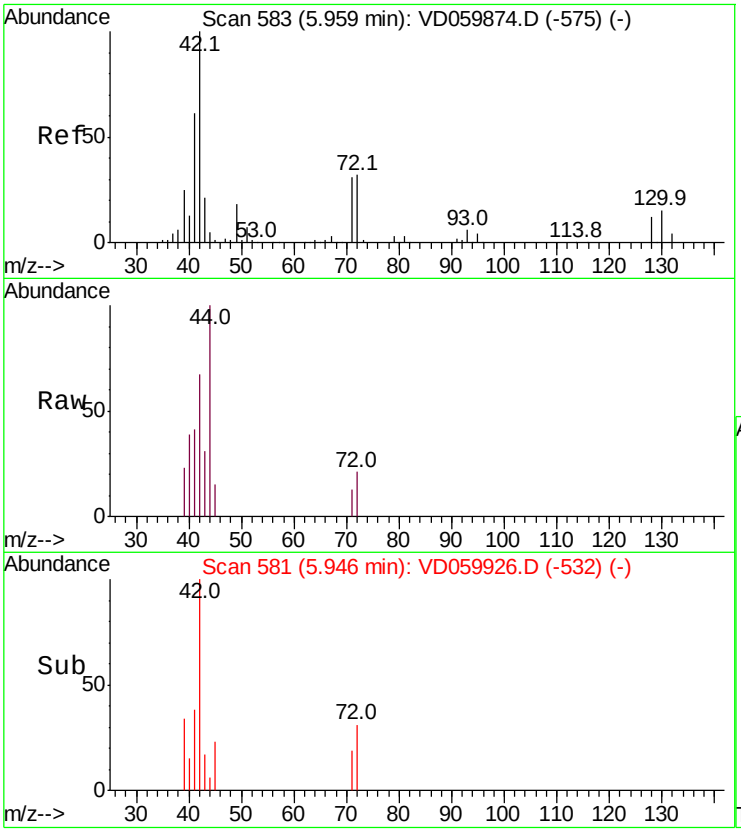


#25
2-Butanone
Concen: 4.815 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.01 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Tgt Ion: 43 Resp: 23492

Ion	Ratio	Lower	Upper
43	100		
72	10.5	12.3	18.5#



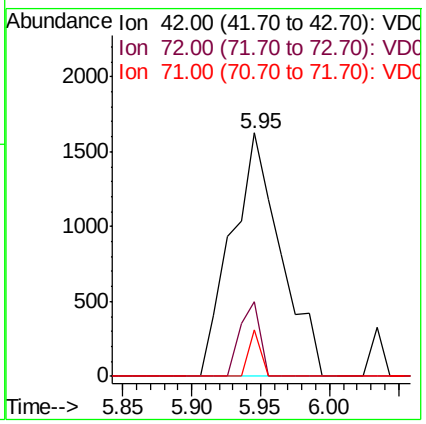


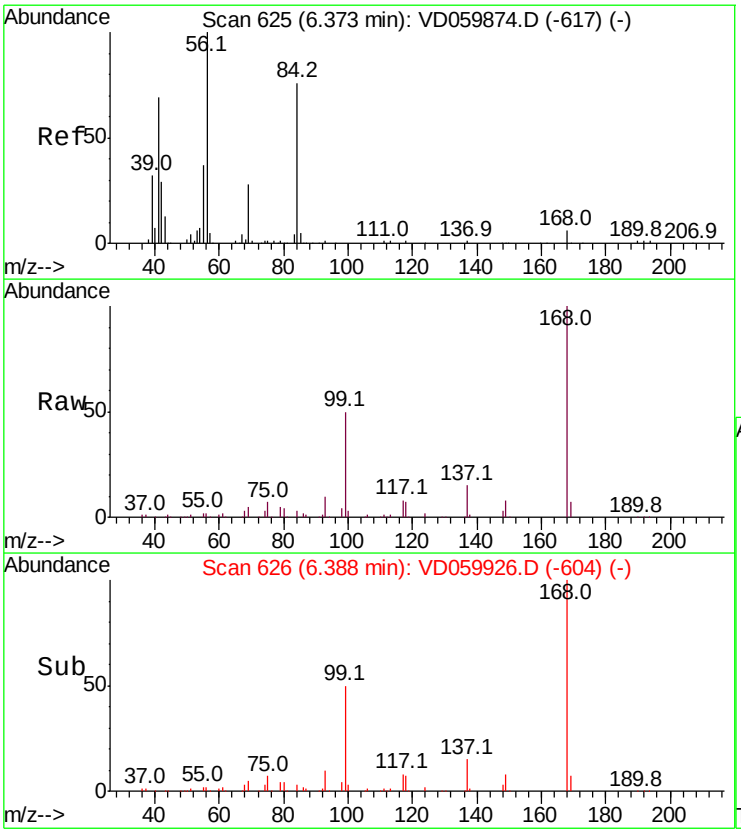
#29
Tetrahydrofuran
Concen: 1.739 ug/l
RT: 5.95 min Scan# 581
Delta R.T. -0.01 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 4038

Ion	Ratio	Lower	Upper
42	100		
72	12.5	25.7	38.5#
71	4.6	25.3	37.9#

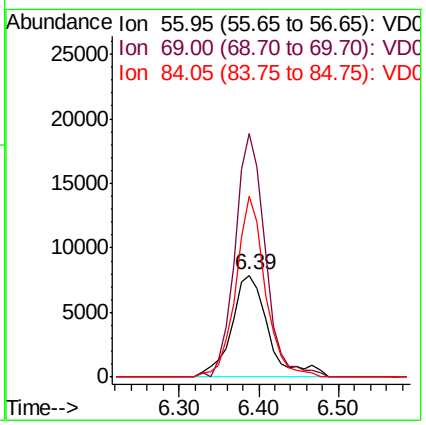


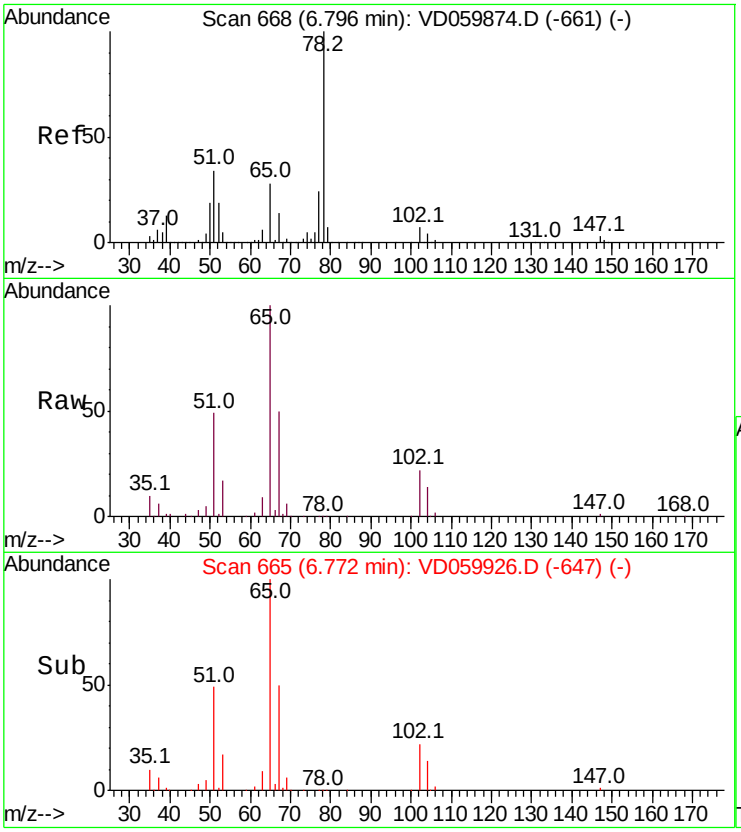


#31
Cyclohexane
Concen: 1.458 ug/l
RT: 6.39 min Scan# 626
Delta R.T. 0.02 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Tgt Ion: 56 Resp: 25102

Ion	Ratio	Lower	Upper
56	100		
69	239.5	22.4	33.6#
84	178.1	62.1	93.1#



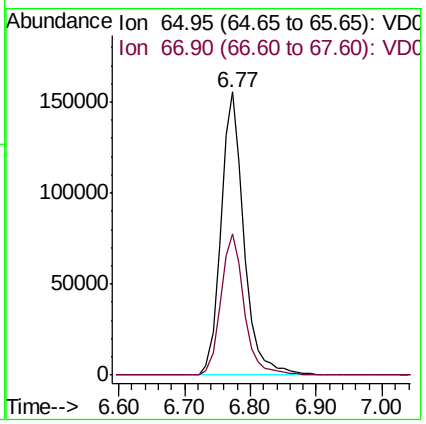


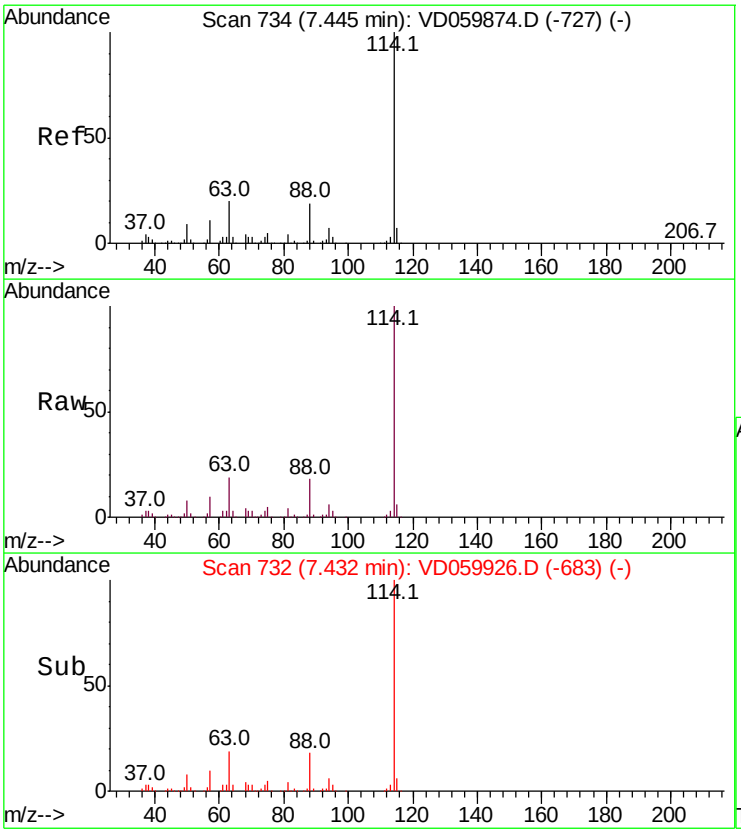
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 665
Delta R.T. -0.02 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 377472

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	103.8

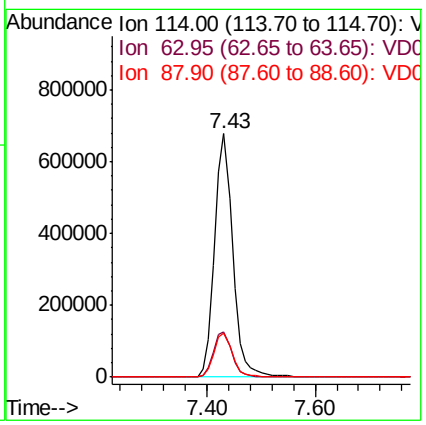


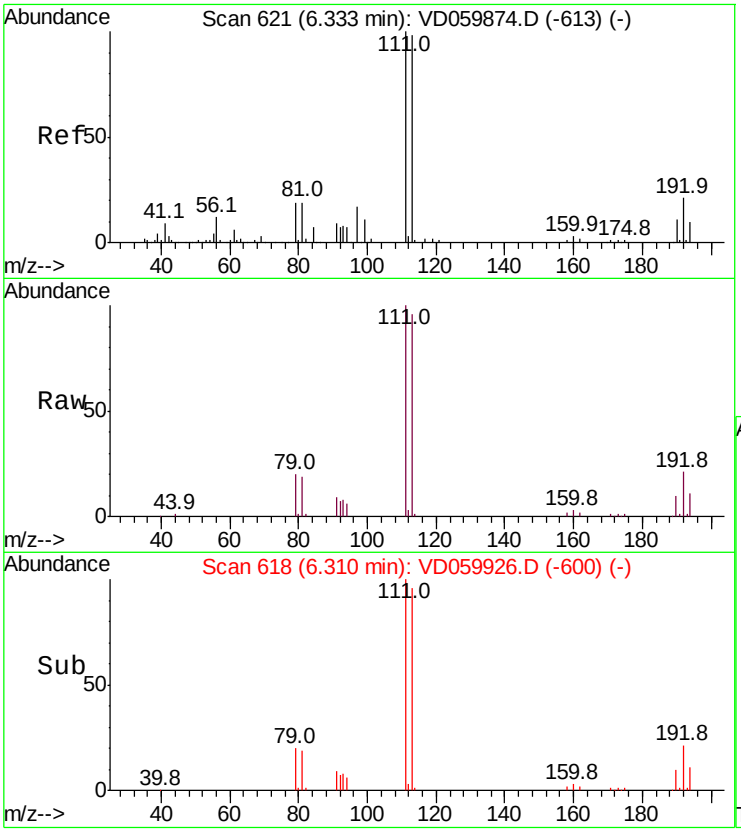


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 732
Delta R.T. -0.01 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Tgt Ion:114 Resp: 1570520

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.4
88	18.1	0.0	37.6



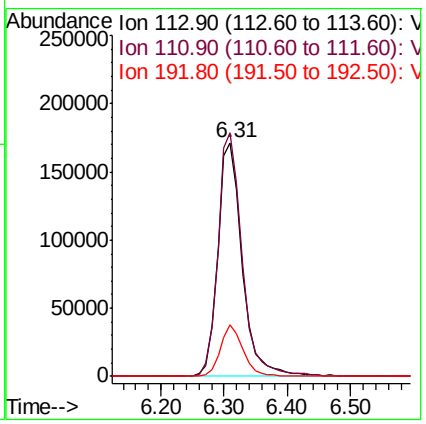


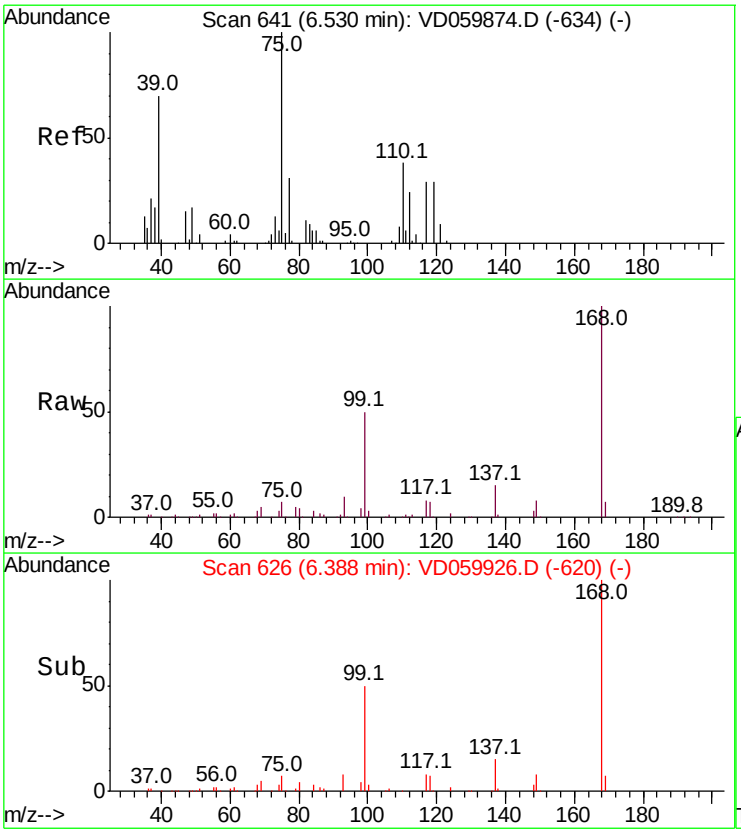
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 618
Delta R.T. -0.02 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 461996

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.4	122.2
192	22.2	17.0	25.6

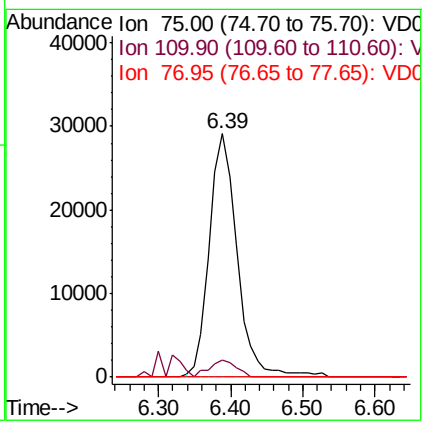


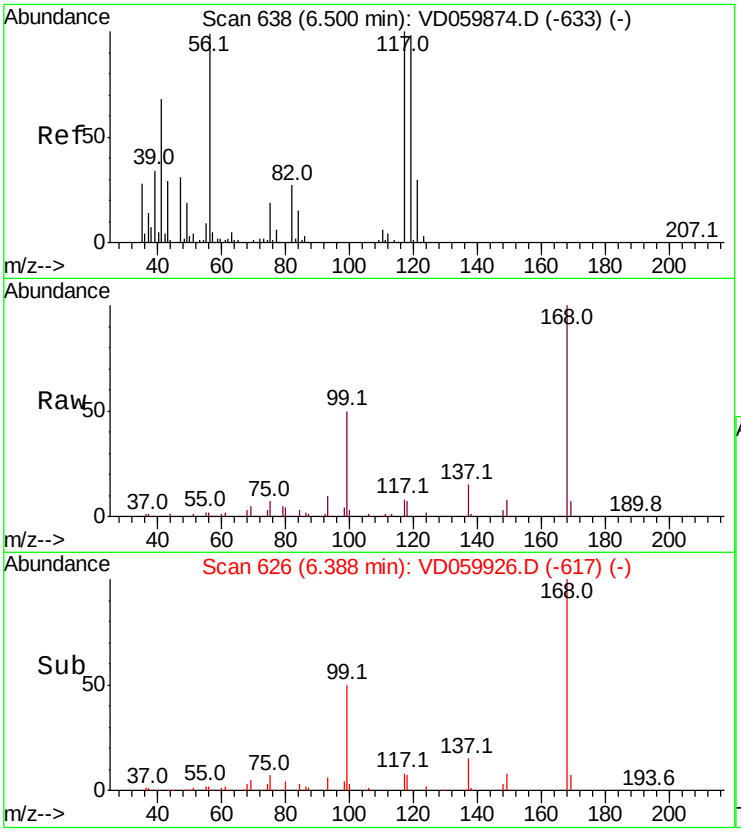


#36
1,1-Dichloropropene
Concen: 5.466 ug/l
RT: 6.39 min Scan# 626
Delta R.T. -0.14 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Tgt Ion: 75 Resp: 77820

Ion	Ratio	Lower	Upper
75	100		
110	6.9	18.6	56.0#
77	0.0	25.1	37.7#



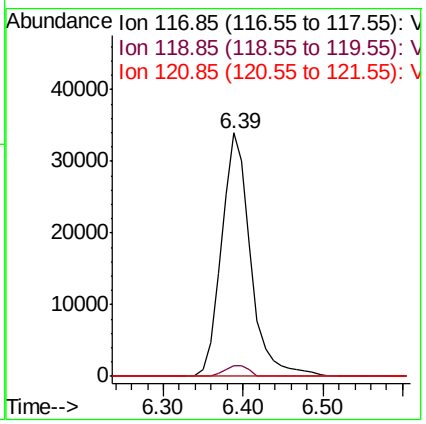


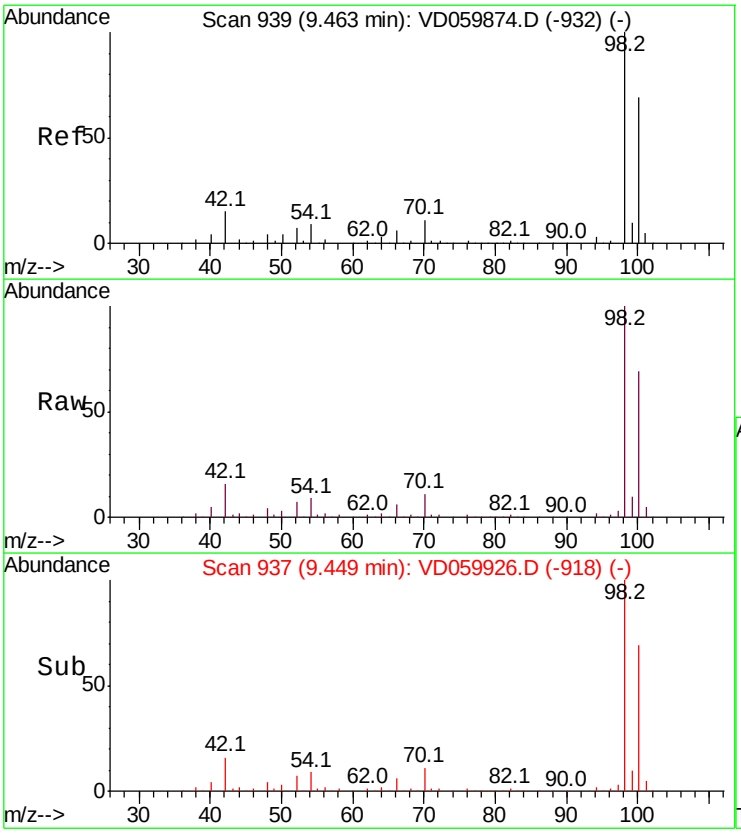
#38
Carbon Tetrachloride
Concen: 6.031 ug/l
RT: 6.39 min Scan# 626
Delta R.T. -0.11 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 86651

Ion	Ratio	Lower	Upper
117	100		
119	4.2	77.2	115.8#
121	0.0	24.0	36.0#

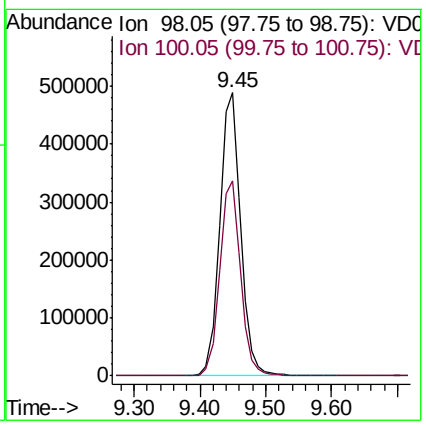


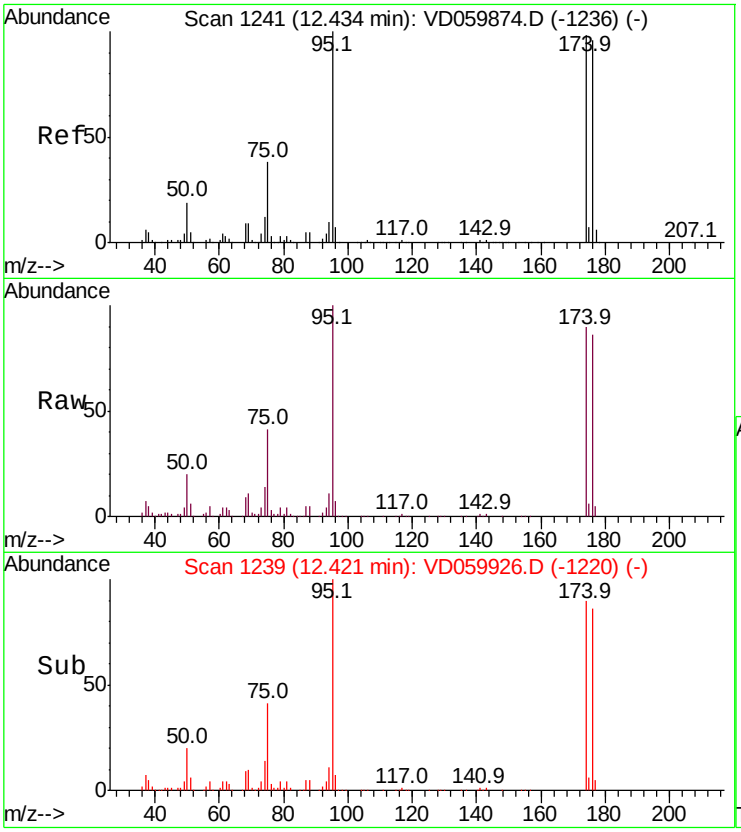


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 937
Delta R.T. -0.01 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Tgt Ion: 98 Resp: 1081006

Ion	Ratio	Lower	Upper
98	100		
100	69.0	55.8	83.6



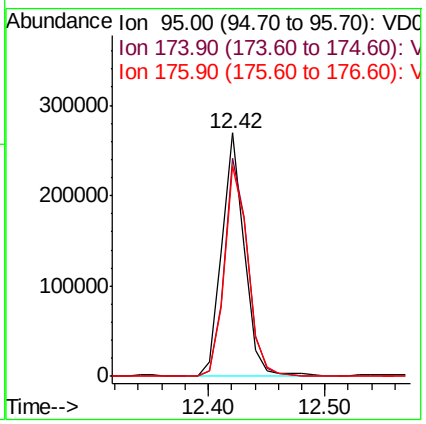


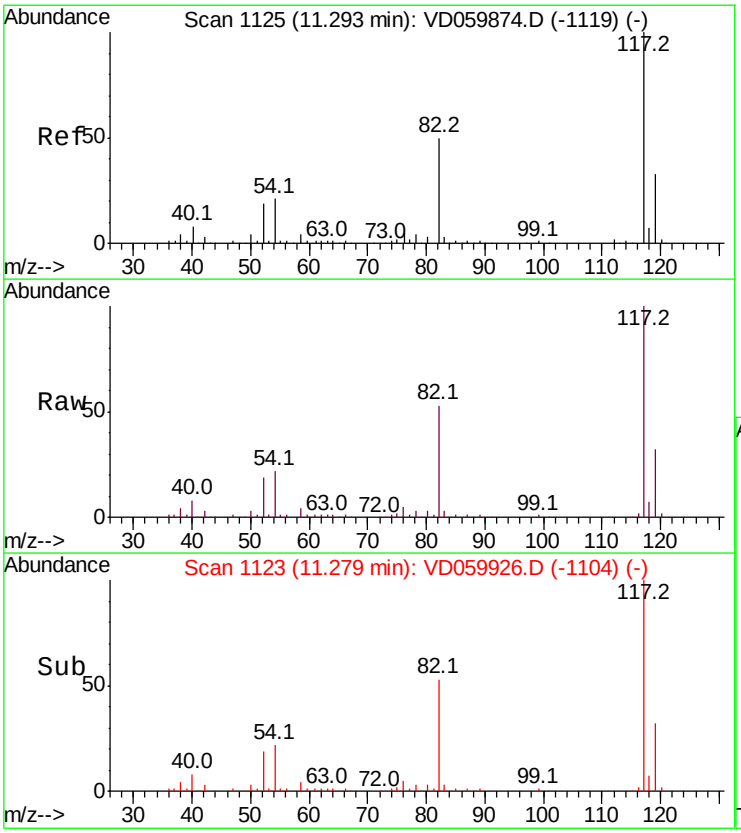
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 363361

Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	195.6
176	86.2	0.0	191.2

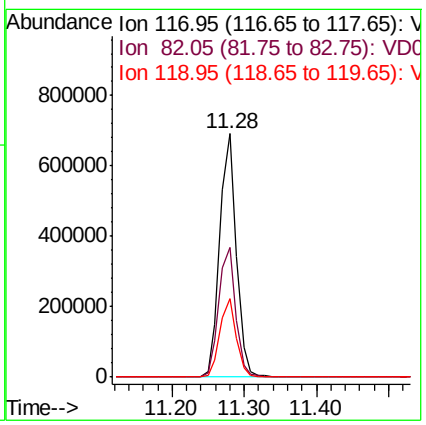


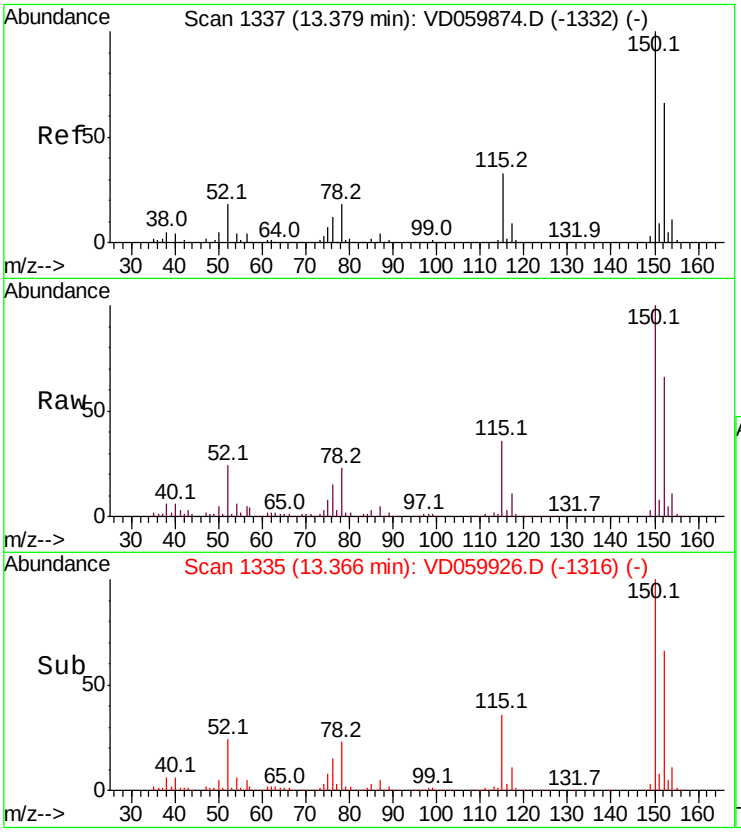


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Tgt Ion:117 Resp: 1094244

Ion	Ratio	Lower	Upper
117	100		
82	53.3	40.1	60.1
119	32.3	26.7	40.1



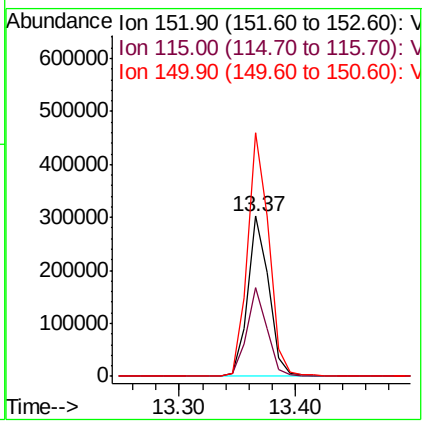


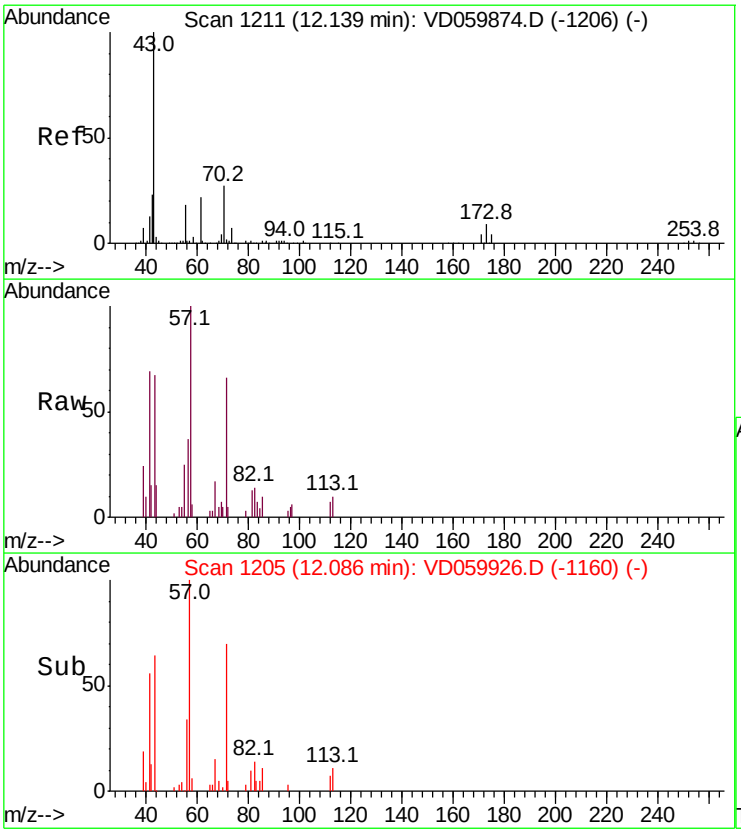
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 378659

Ion	Ratio	Lower	Upper
152	100		
115	55.1	25.7	77.0
150	152.1	0.0	310.2

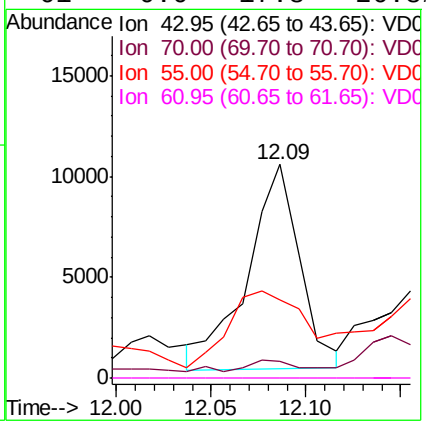


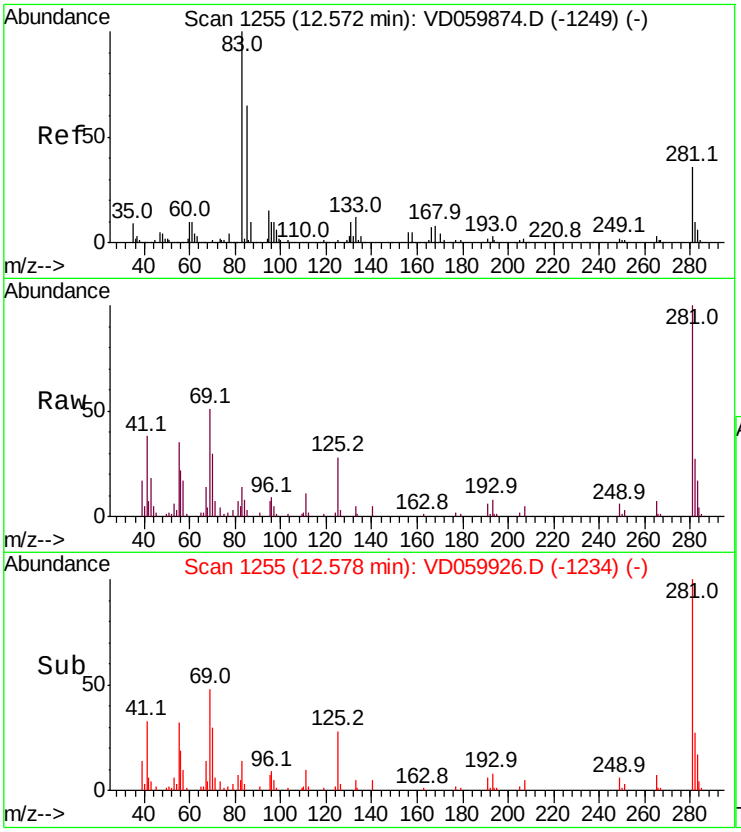


#74
N-amyl acetate
Concen: 1.843 ug/l
RT: 12.09 min Scan# 1205
Delta R.T. -0.05 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Tgt Ion: 43 Resp: 19508

Ion	Ratio	Lower	Upper
43	100		
70	7.9	21.4	32.2#
55	36.4	14.1	21.1#
61	0.0	17.8	26.8#



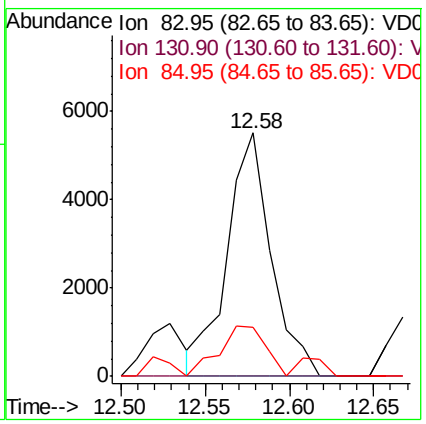


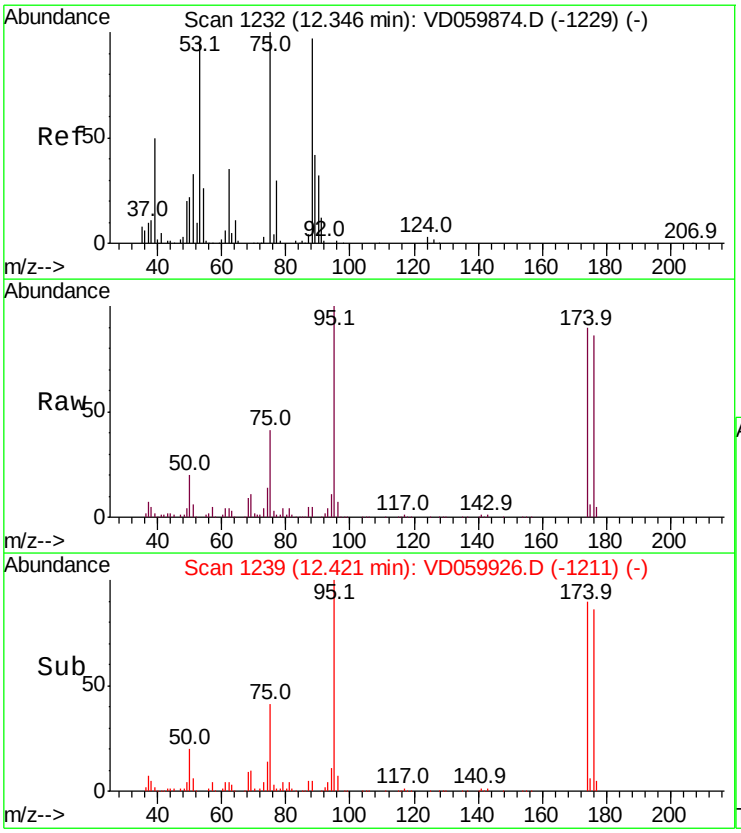
#75
1,1,2,2-Tetrachloroethane
Concen: 1.790 ug/l
RT: 12.58 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 10007

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	20.0	32.6	97.8#

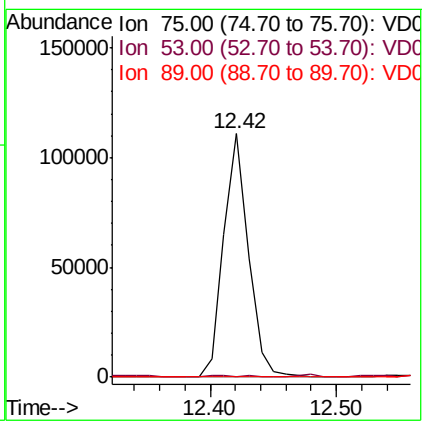


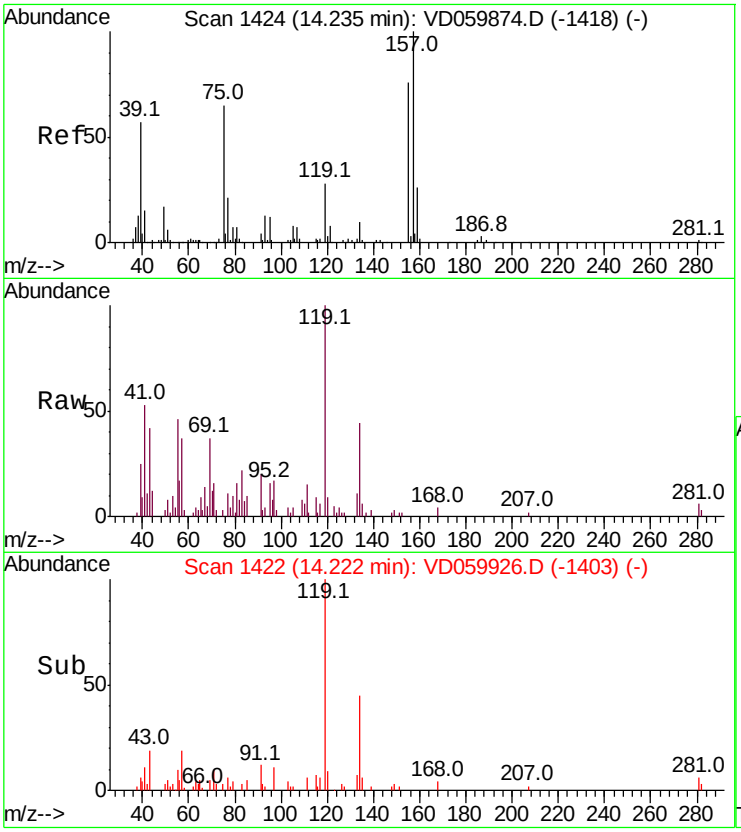


#81
trans-1,4-Dichloro-2-butene
Concen: 82.112 ug/l
RT: 12.42 min Scan# 1239
Delta R.T. 0.07 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Tgt Ion: 75 Resp: 150322

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.8	113.6#
89	0.0	33.6	50.4#





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.159 ug/l
RT: 14.22 min Scan# 1422
Delta R.T. -0.01 min
Lab File: VD059926.D
Acq: 30 Aug 2018 15:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 996

Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.2	174.6#
157	0.0	76.8	230.4#