Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082718\
Data File : VD059914.D
Acq On : 27 Aug 2018 14:40
Operator : JC/SY
Sample : J4646-15
Misc : 5.33g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Aug 27 16:14:45 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	1270247	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	1753367	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1457656	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	712988	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	480946	44.92	ug/l	-0.03
Spiked Amount 50.000			Recovery = 89.84%			
35) Dibromofluoromethane	6.30	113	584991	42.56	ug/l	-0.03
Spiked Amount 50.000			Recovery = 85.12%			
50) Toluene-d8	9.44	98	1577347	41.35	ug/l	-0.02
Spiked Amount 50.000			Recovery = 82.70%			
62) 4-Bromofluorobenzene	12.42	95	618603	39.92	ug/l	-0.01
Spiked Amount 50.000			Recovery = 79.84%			
Target Compounds						Qvalue
10) Methyl Iodide	3.23	142	545	3.549	ug/l #	31
13) Acrolein	2.92	56	405	1.143	ug/l #	1
16) Acetone	3.13	43	43483	22.293	ug/l #	90
20) Methylene Chloride	3.69	84	120970	6.018	ug/l	97
25) 2-Butanone	5.62	43	6856	1.187	ug/l #	63
29) Tetrahydrofuran	5.93	42	5480	1.993	ug/l #	74
31) Cyclohexane	6.39	56	26738	1.312	ug/l #	1
36) 1,1-Dichloropropene	6.39	75	93887	5.907	ug/l #	47
38) Carbon Tetrachloride	6.39	117	104524	6.516	ug/l #	16
81) trans-1,4-Dichloro-2-buten	12.42	75	251862	73.066	ug/l #	12
89) n-Butylbenzene	13.64	91	1252	Below Cal	#	67

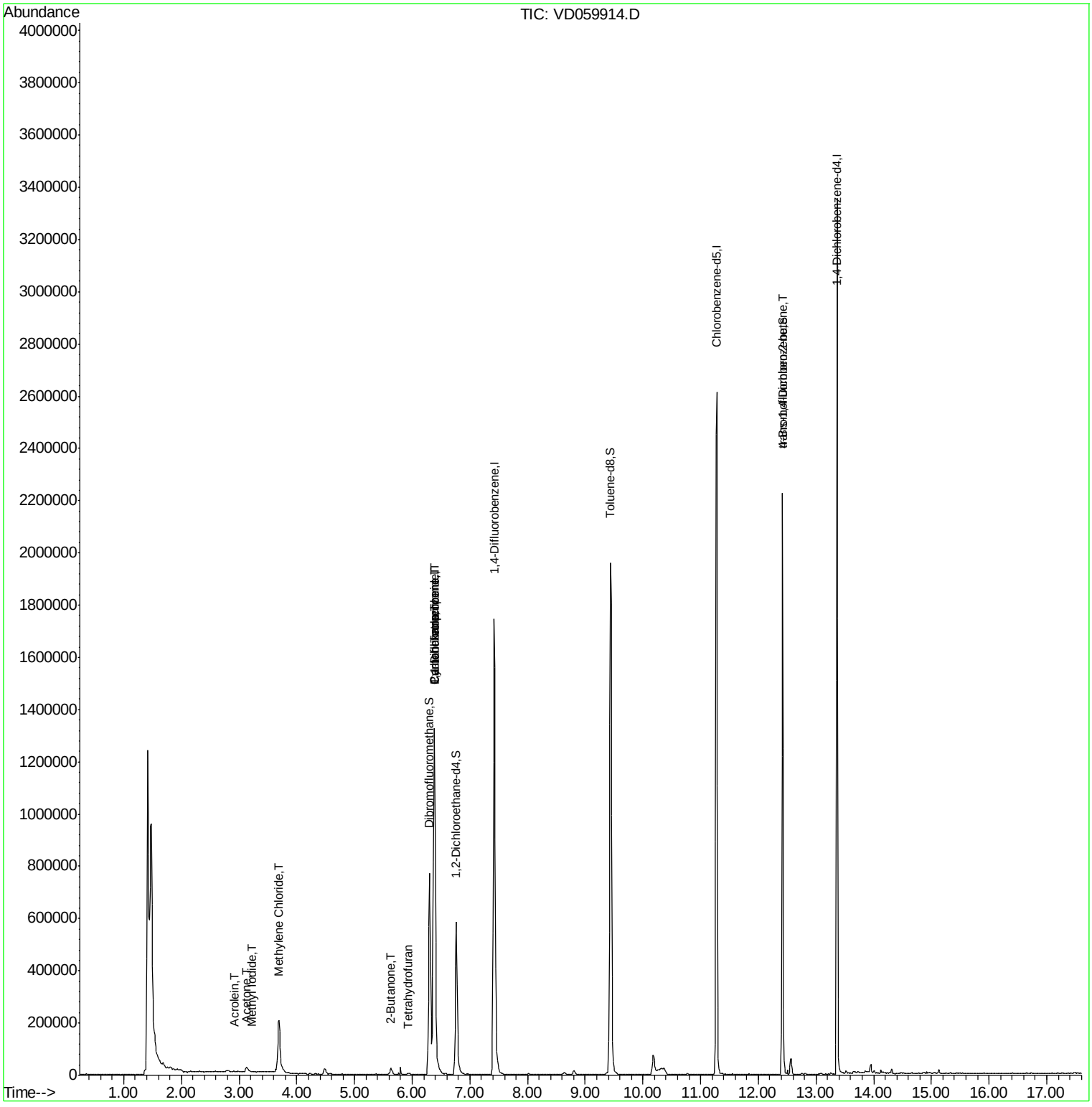
(#) = qualifier out of range (m) = manual integration (+) = signals summed

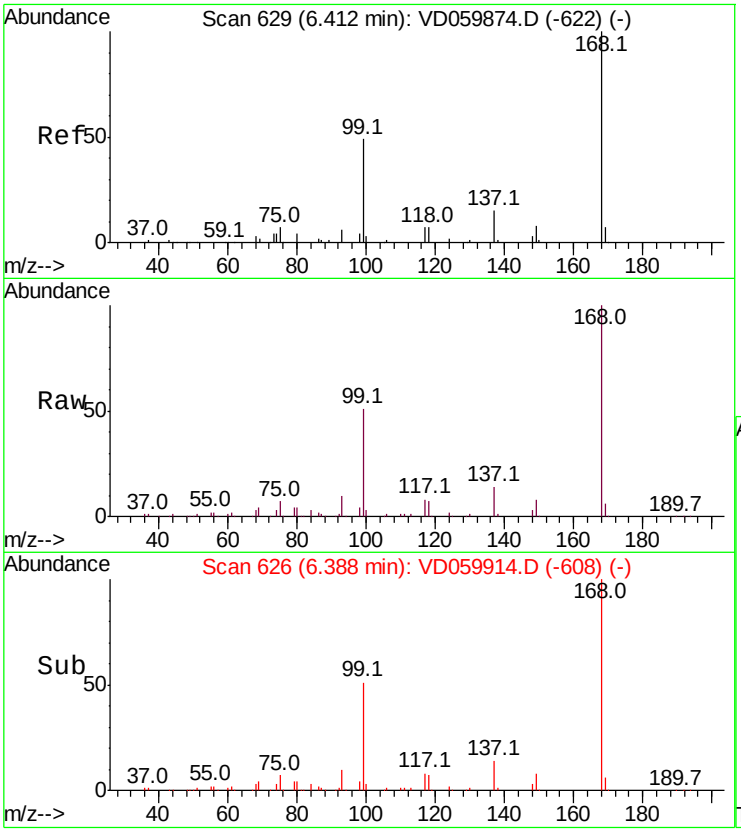
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082718\
Data File : VD059914.D
Acq On : 27 Aug 2018 14:40
Operator : JC/SY
Sample : J4646-15
Misc : 5.33g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 27 16:14:45 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



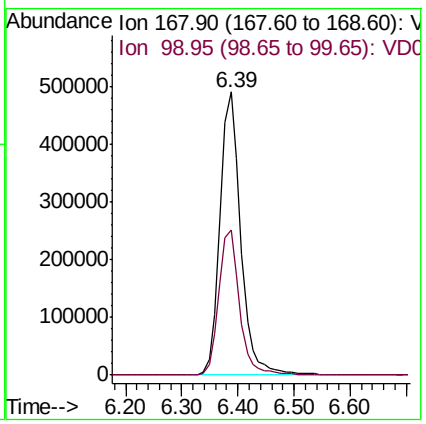


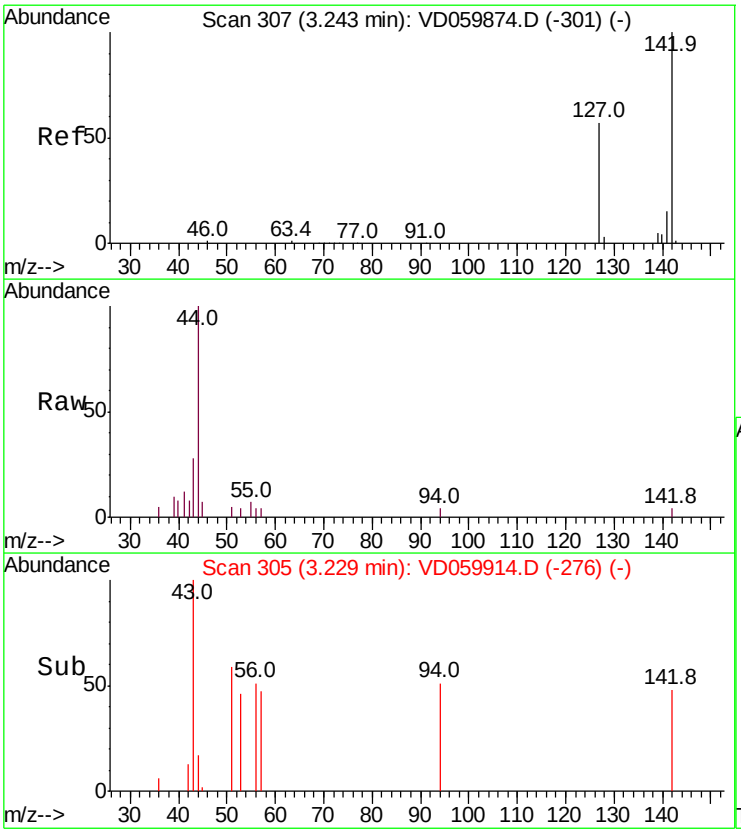
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 626
Delta R.T. -0.02 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 1270247

Ion	Ratio	Lower	Upper
168	100		
99	51.4	42.2	63.2

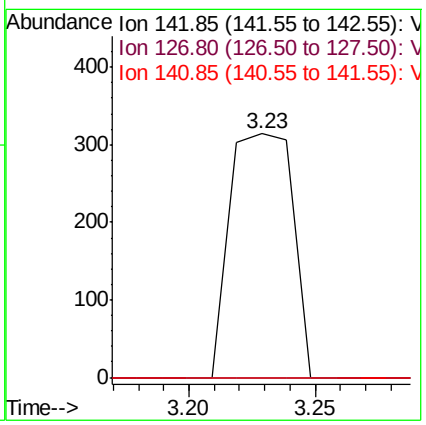


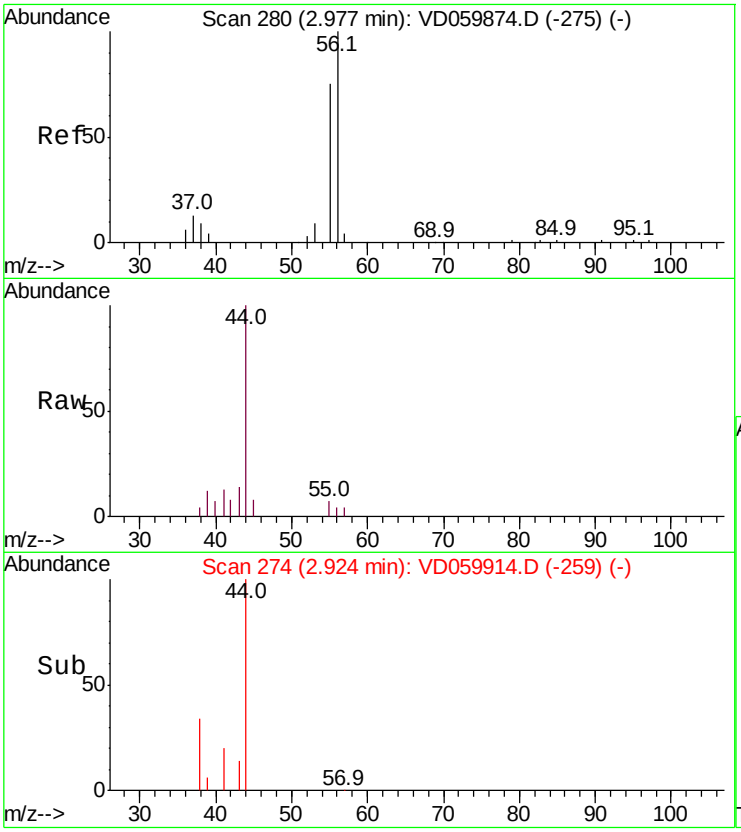


#10
Methyl Iodide
Concen: 3.549 ug/l
RT: 3.23 min Scan# 305
Delta R.T. -0.01 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Tgt Ion:142 Resp: 545

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



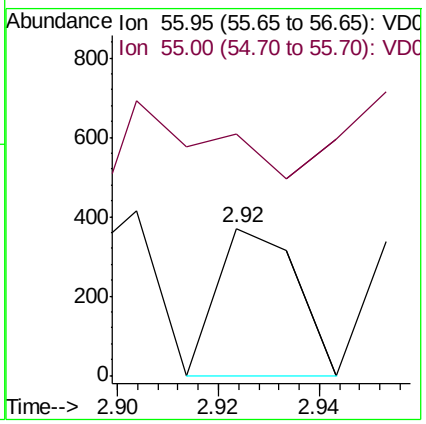


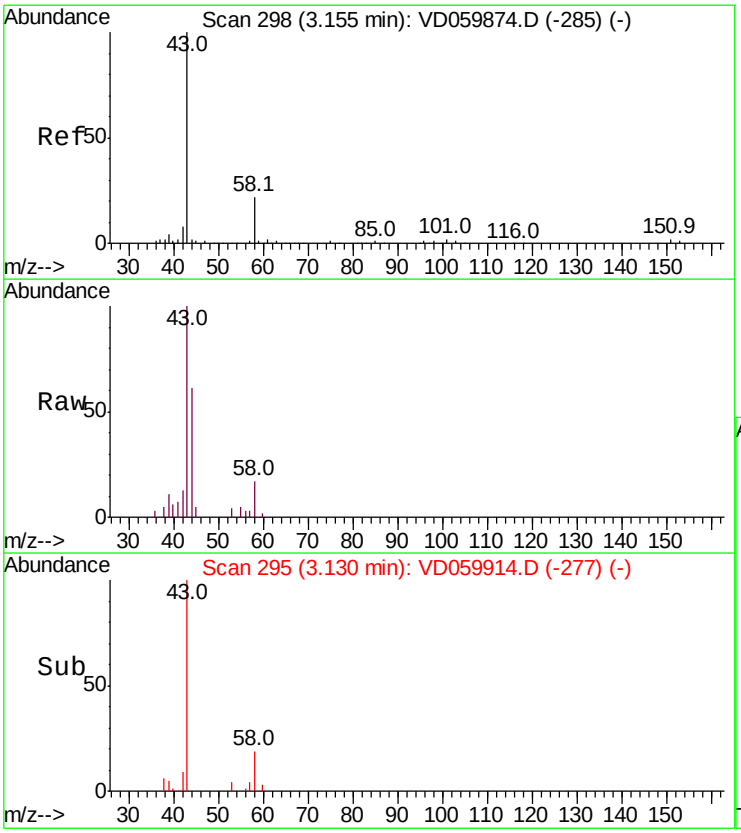
#13
Acrolein
Concen: 1.143 ug/l
RT: 2.92 min Scan# 274
Delta R.T. -0.05 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 405

Ion	Ratio	Lower	Upper
56	100		
55	163.9	61.9	92.9#

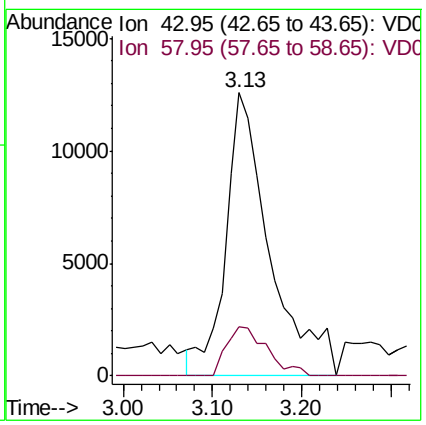


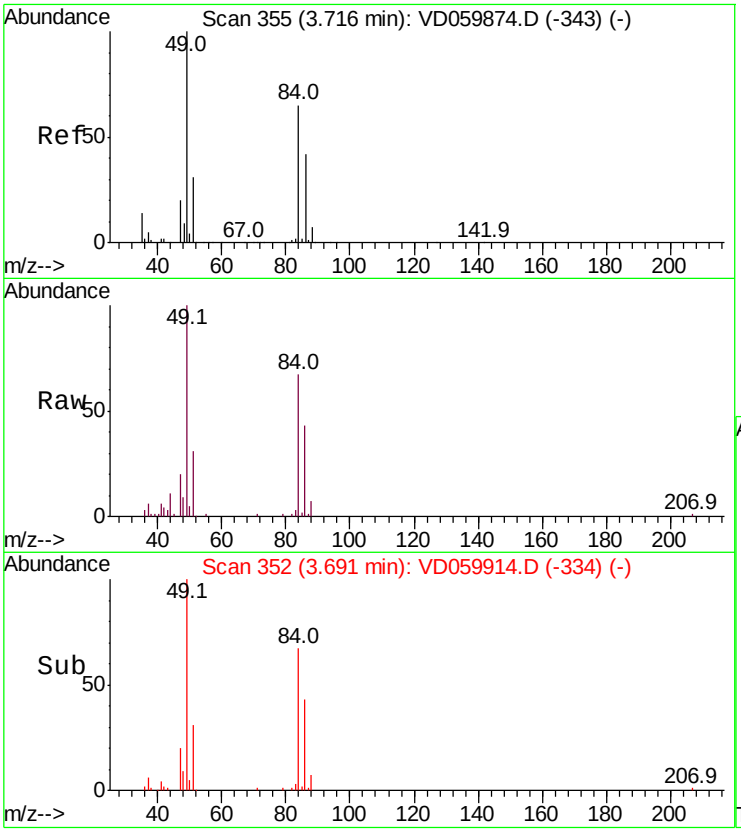


#16
Acetone
Concen: 22.293 ug/l
RT: 3.13 min Scan# 295
Delta R.T. -0.02 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Tgt Ion: 43 Resp: 43483

Ion	Ratio	Lower	Upper
43	100		
58	17.3	17.6	26.4#



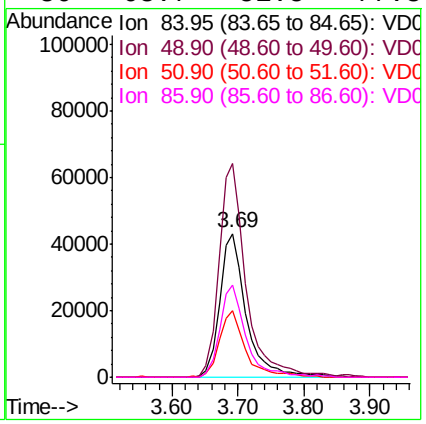


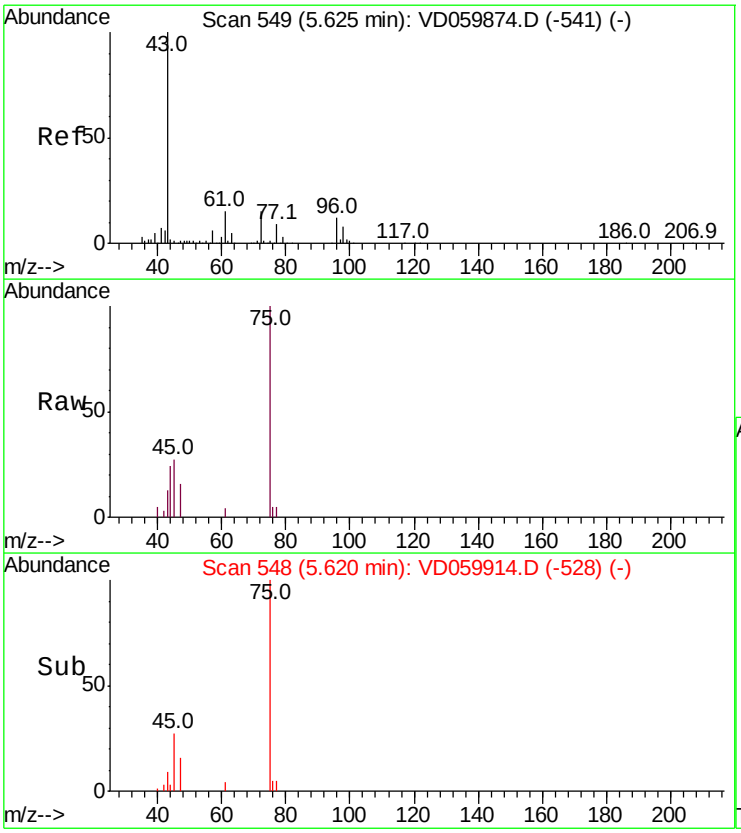
#20
Methylene Chloride
Concen: 6.018 ug/l
RT: 3.69 min Scan# 352
Delta R.T. -0.02 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 120970

Ion	Ratio	Lower	Upper
84	100		
49	148.5	122.6	183.8
51	46.0	38.4	57.6
86	63.7	51.5	77.3

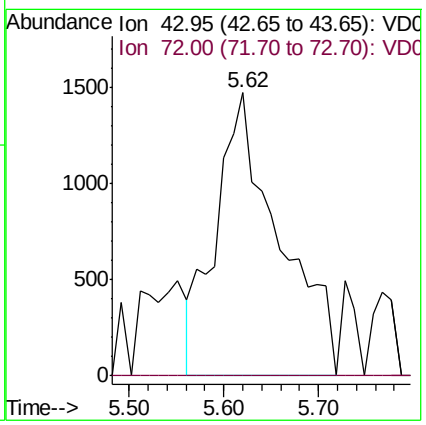


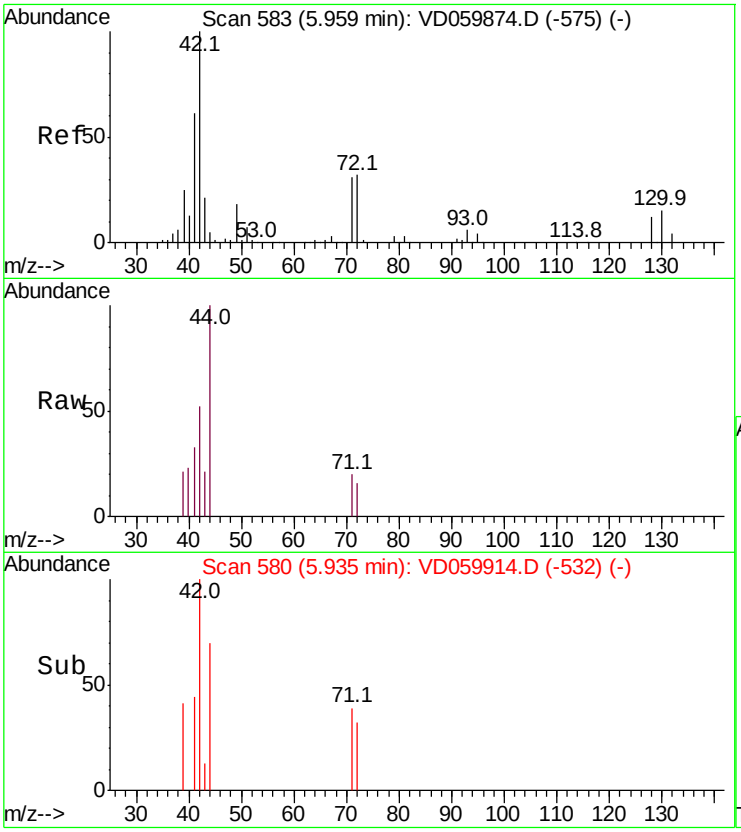


#25
2-Butanone
Concen: 1.187 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.00 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Tgt Ion: 43 Resp: 6856

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.3	18.5#



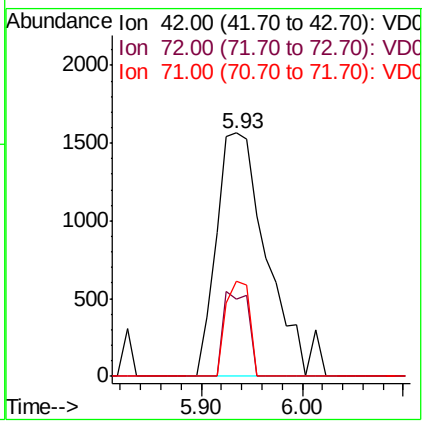


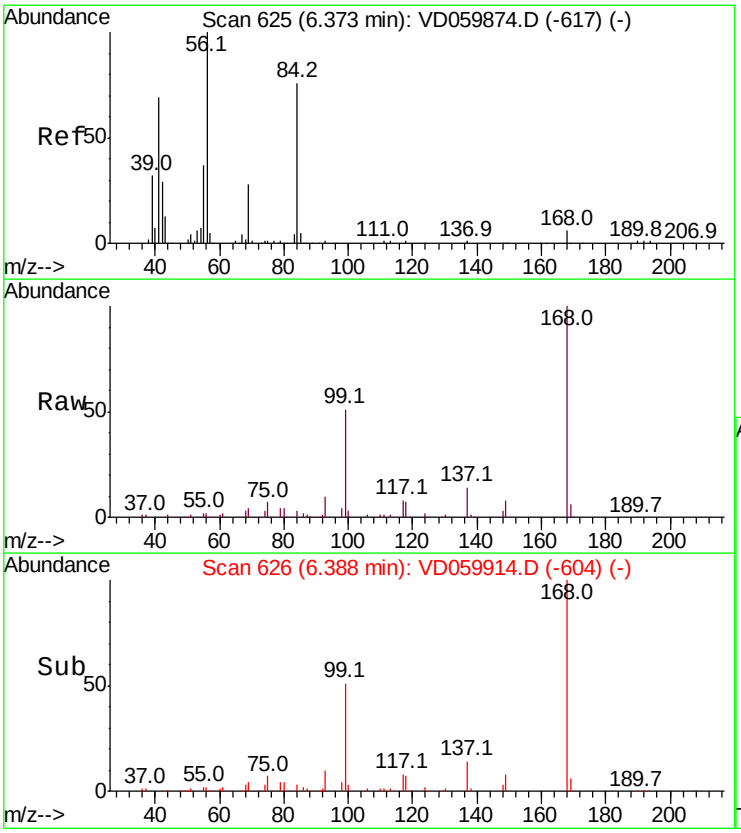
#29
Tetrahydrofuran
Concen: 1.993 ug/l
RT: 5.93 min Scan# 580
Delta R.T. -0.02 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 5480

Ion	Ratio	Lower	Upper
42	100		
72	16.8	25.7	38.5#
71	18.0	25.3	37.9#

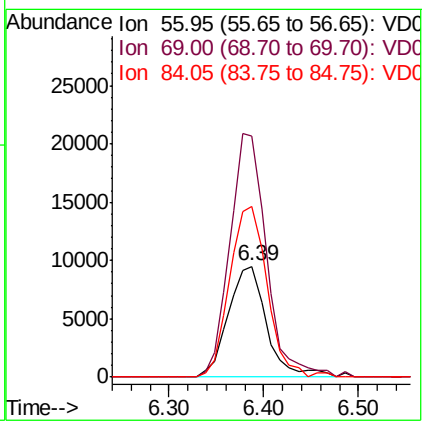


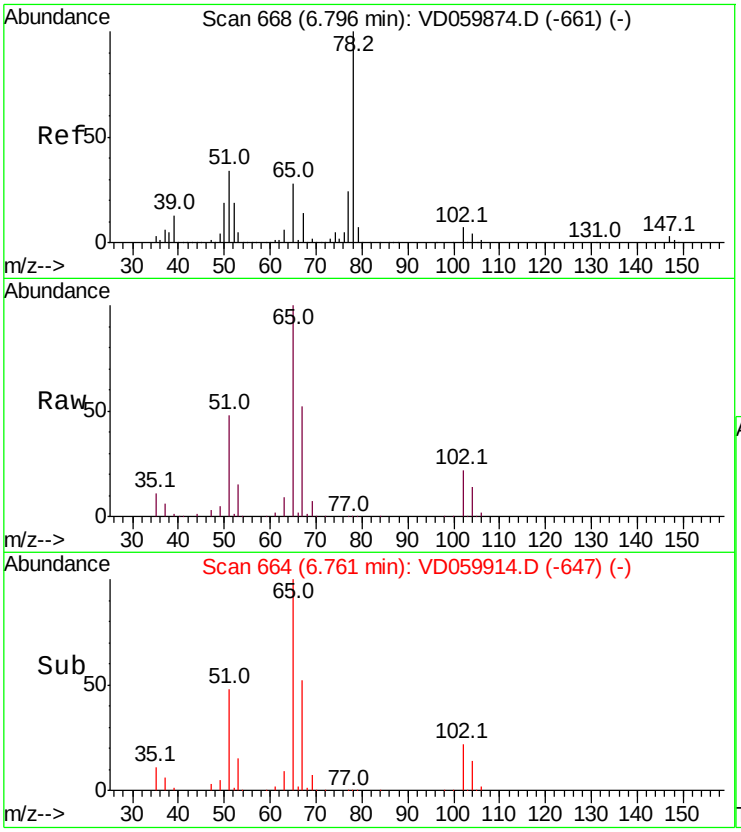


#31
Cyclohexane
Concen: 1.312 ug/l
RT: 6.39 min Scan# 626
Delta R.T. 0.02 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Tgt Ion: 56 Resp: 26738

Ion	Ratio	Lower	Upper
56	100		
69	217.6	22.4	33.6#
84	153.8	62.1	93.1#



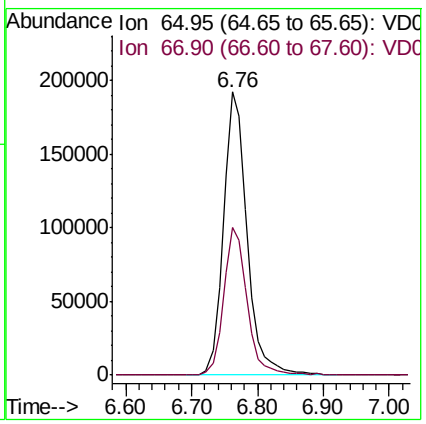


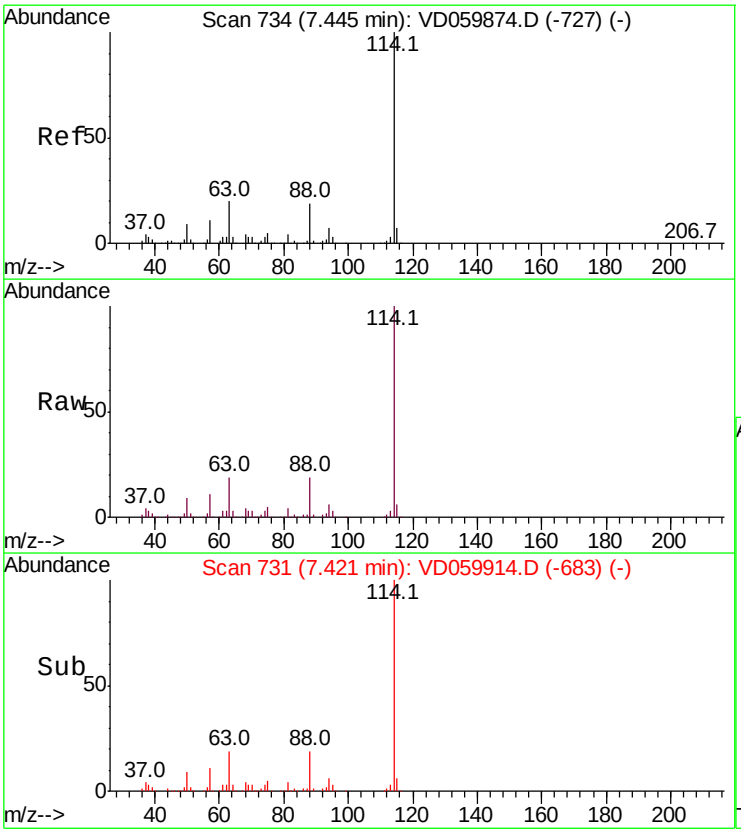
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 664
Delta R.T. -0.03 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 480946

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.8

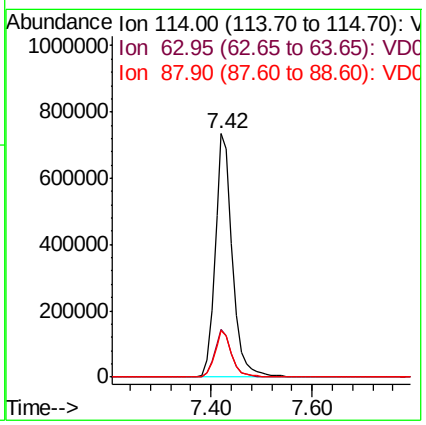


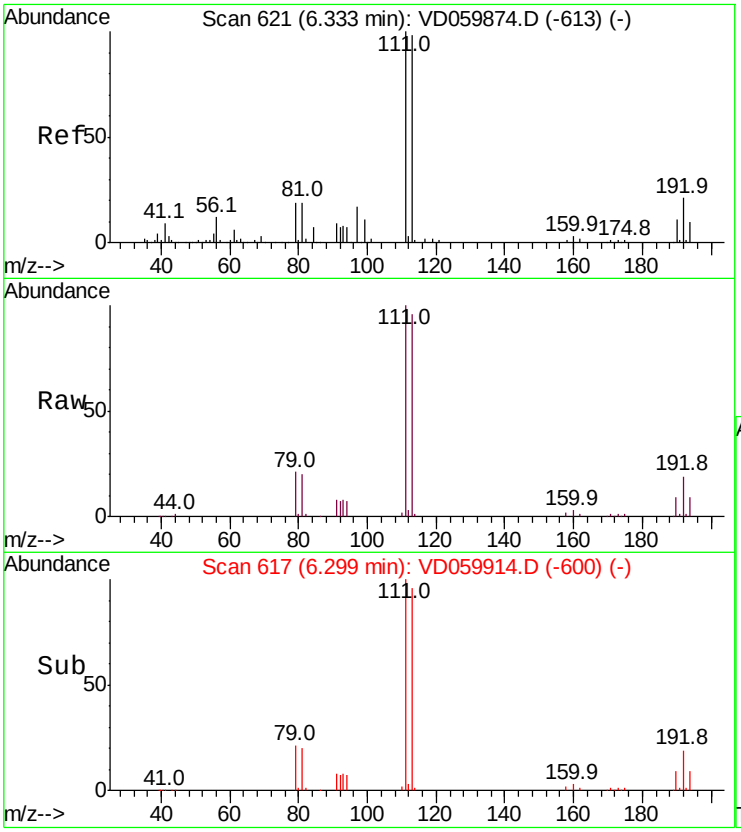


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.42 min Scan# 731
Delta R.T. -0.02 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Tgt Ion:114 Resp: 1753367

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.4
88	19.2	0.0	37.6



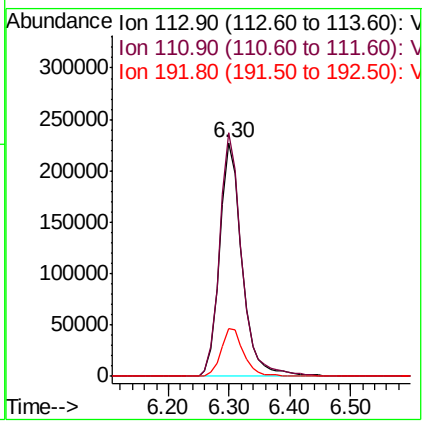


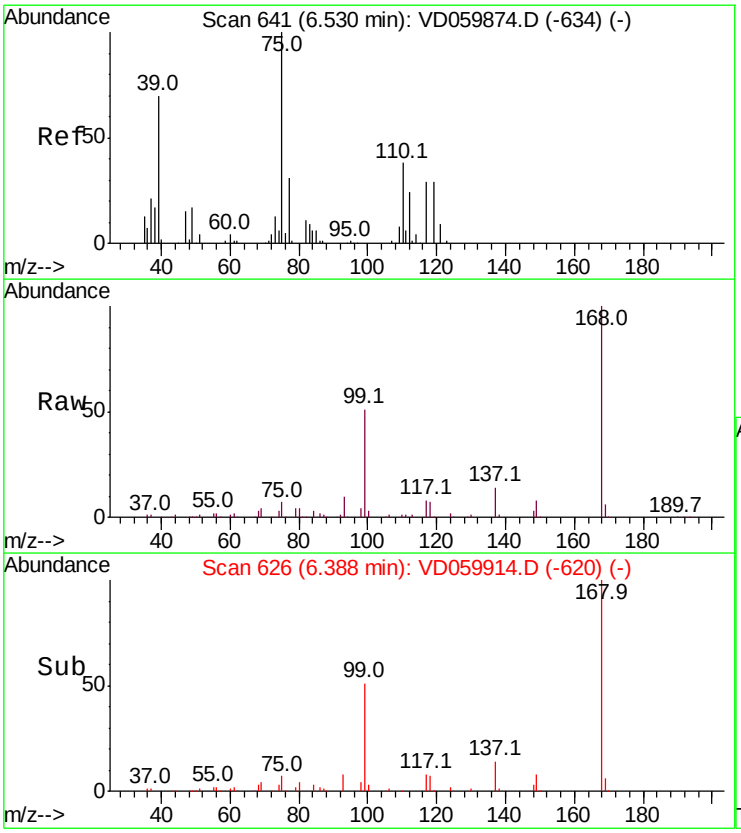
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.30 min Scan# 617
Delta R.T. -0.03 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 584991

Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.4	122.2
192	20.2	17.0	25.6

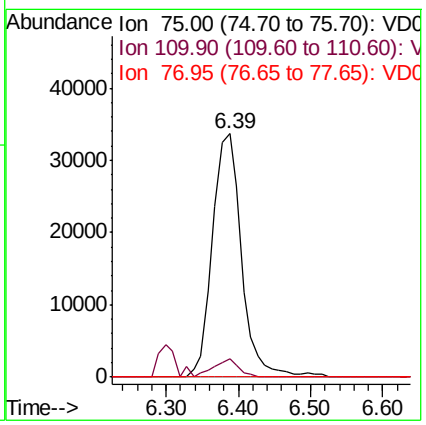


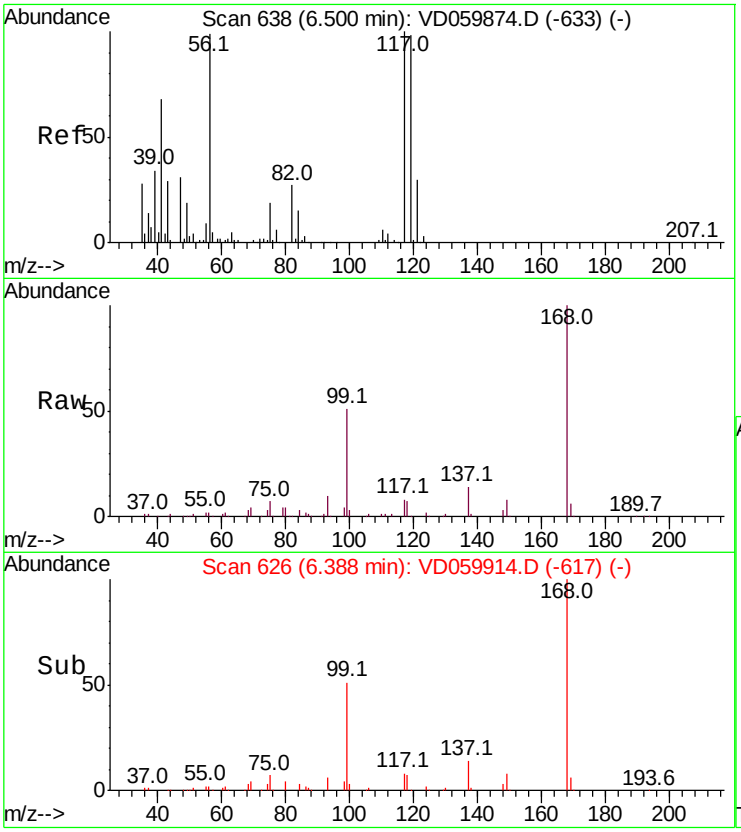


#36
1,1-Dichloropropene
Concen: 5.907 ug/l
RT: 6.39 min Scan# 626
Delta R.T. -0.14 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Tgt Ion: 75 Resp: 93887

Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.6	56.0#
77	0.0	25.1	37.7#



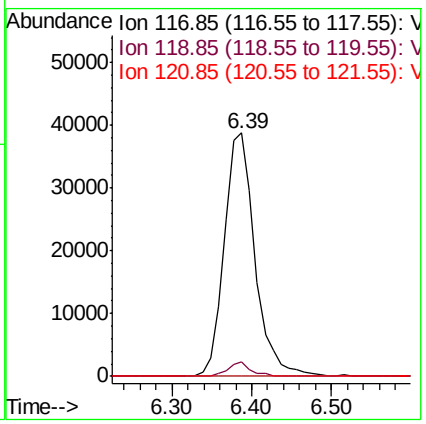


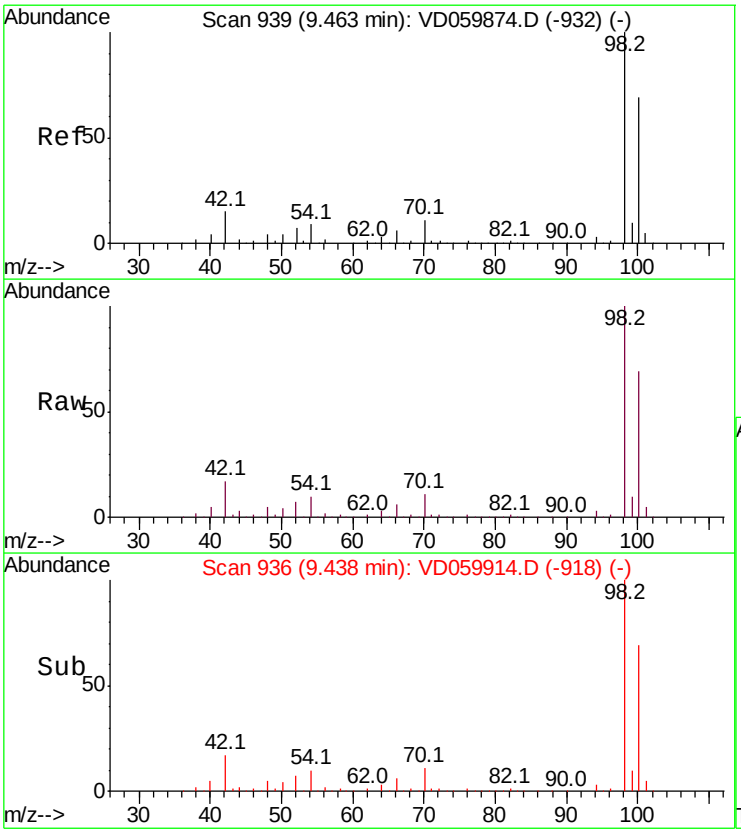
#38
Carbon Tetrachloride
Concen: 6.516 ug/l
RT: 6.39 min Scan# 626
Delta R.T. -0.11 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 104524

Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.2	115.8#
121	0.0	24.0	36.0#

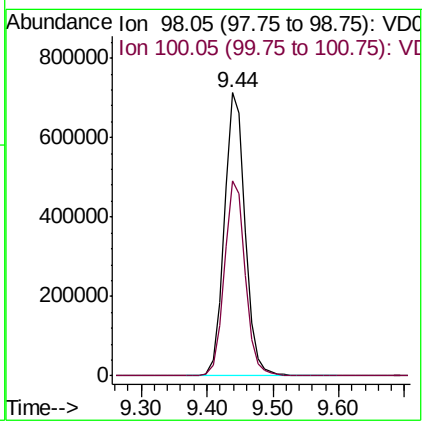


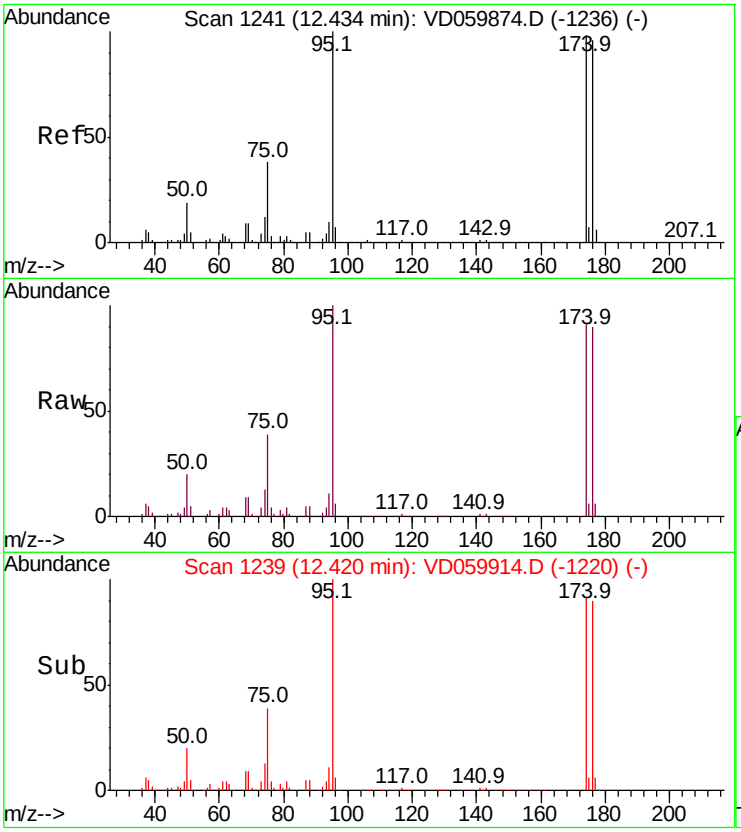


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 936
Delta R.T. -0.02 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Tgt Ion: 98 Resp: 1577347

Ion	Ratio	Lower	Upper
98	100		
100	69.1	55.8	83.6



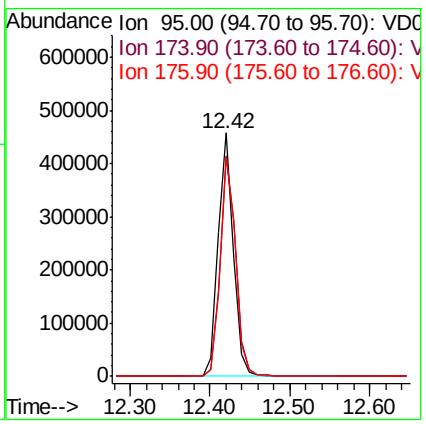


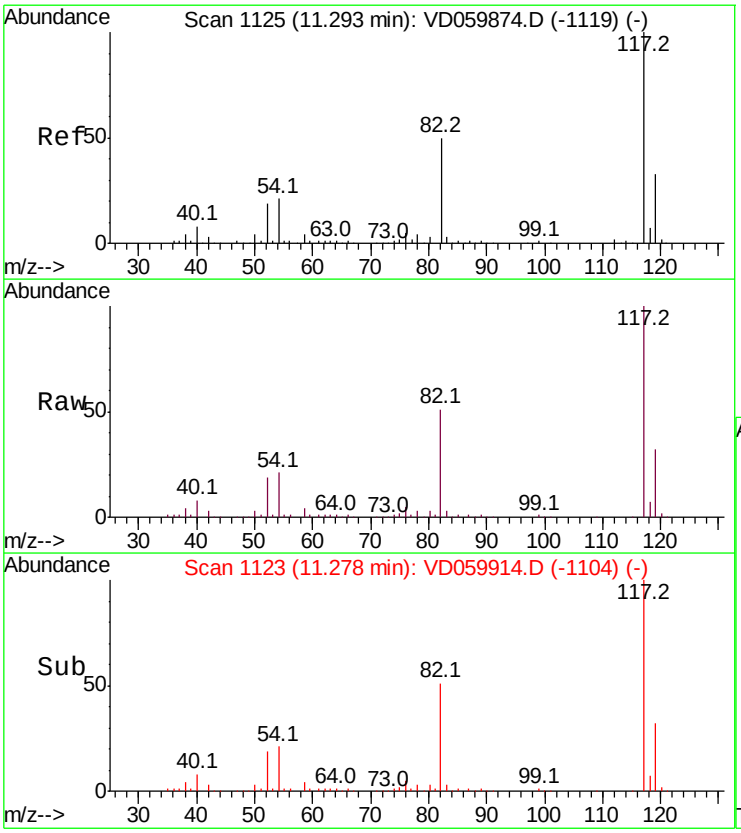
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 618603

Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	195.6
176	90.2	0.0	191.2

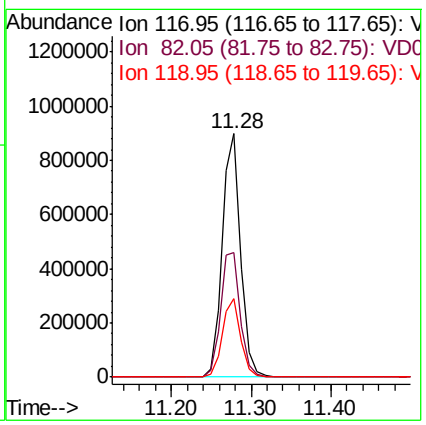


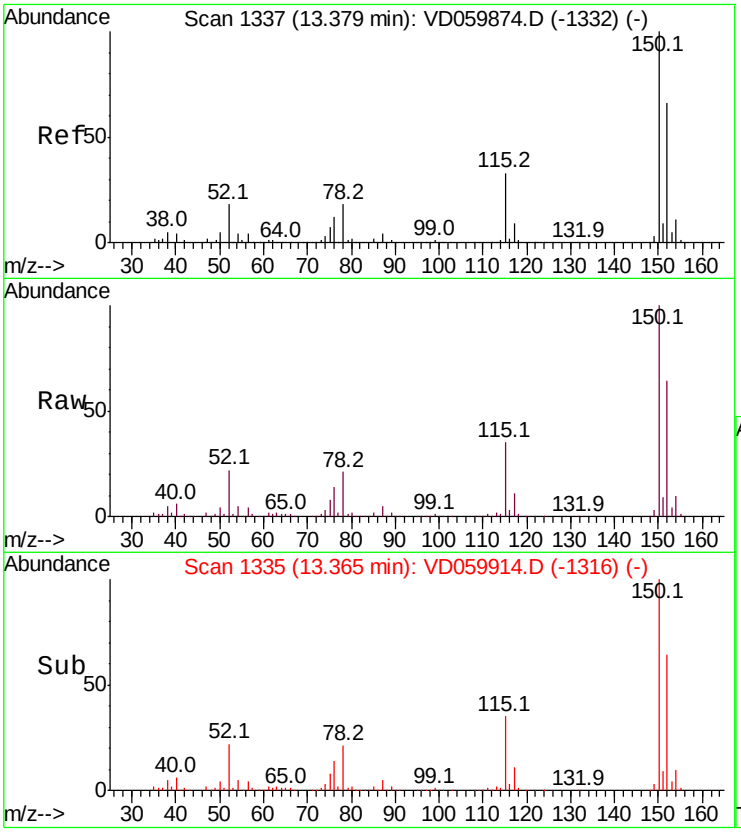


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Tgt Ion:117 Resp: 1457656

Ion	Ratio	Lower	Upper
117	100		
82	51.0	40.1	60.1
119	32.4	26.7	40.1



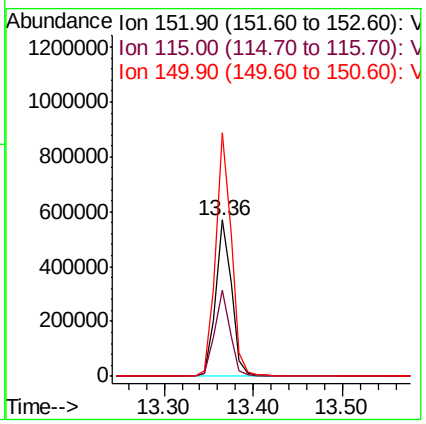


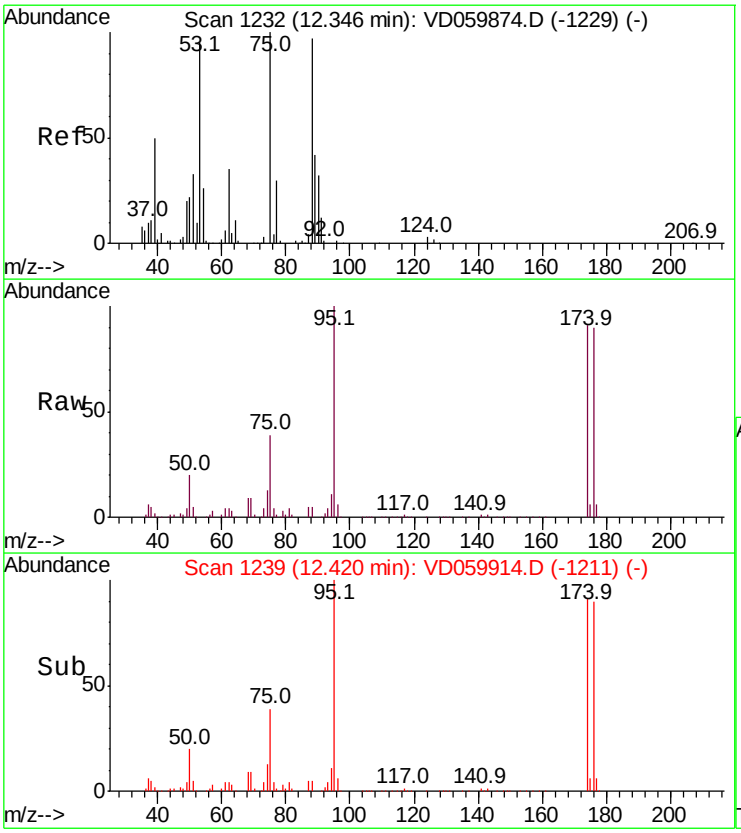
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 712988

Ion	Ratio	Lower	Upper
152	100		
115	54.9	25.7	77.0
150	156.1	0.0	310.2





#81
trans-1,4-Dichloro-2-butene
Concen: 73.066 ug/l
RT: 12.42 min Scan# 1239
Delta R.T. 0.07 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Tgt Ion: 75 Resp: 251862

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