Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090518\
Data File : VD059961.D
Acq On : 5 Sep 2018 11:12
Operator : JC/SY
Sample : VD0905SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0905SBL01

Quant Time: Sep 05 14:47:09 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	6.38	168	1264962	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	1723626	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1457683	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	783706	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	574229	53.86	ug/l	-0.03
Spiked Amount 50.000			Recovery = 107.72%			
35) Dibromofluoromethane	6.29	113	726941	53.79	ug/l	-0.04
Spiked Amount 50.000			Recovery = 107.58%			
50) Toluene-d8	9.44	98	1966192	52.43	ug/l	-0.02
Spiked Amount 50.000			Recovery = 104.86%			
62) 4-Bromofluorobenzene	12.41	95	777333	51.03	ug/l	-0.02
Spiked Amount 50.000			Recovery = 102.06%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	2422	1.75	ug/l #	74
10) Methyl Iodide	3.22	142	1064	3.63	ug/l #	31
11) Tert butyl alcohol	3.84	59	11067	13.60	ug/l #	75
13) Acrolein	2.98	56	401	1.14	ug/l #	29
16) Acetone	3.13	43	13999	7.21	ug/l #	82
20) Methylene Chloride	3.69	84	104242	4.67	ug/l	98
25) 2-Butanone	5.62	43	15031	2.61	ug/l #	63
29) Tetrahydrofuran	5.94	42	4468	1.63	ug/l #	76
31) Cyclohexane	6.38	56	25248	1.24	ug/l #	1
36) 1,1-Dichloropropene	6.38	75	96963	6.21	ug/l #	47
37) Ethyl Acetate	5.62	43	15031	1.24	ug/l #	47
38) Carbon Tetrachloride	6.38	117	103577	6.57	ug/l #	16
81) trans-1,4-Dichloro-2-buten	12.41	75	321299	84.80	ug/l #	12
89) n-Butylbenzene	13.63	91	3545	Below Cal		71

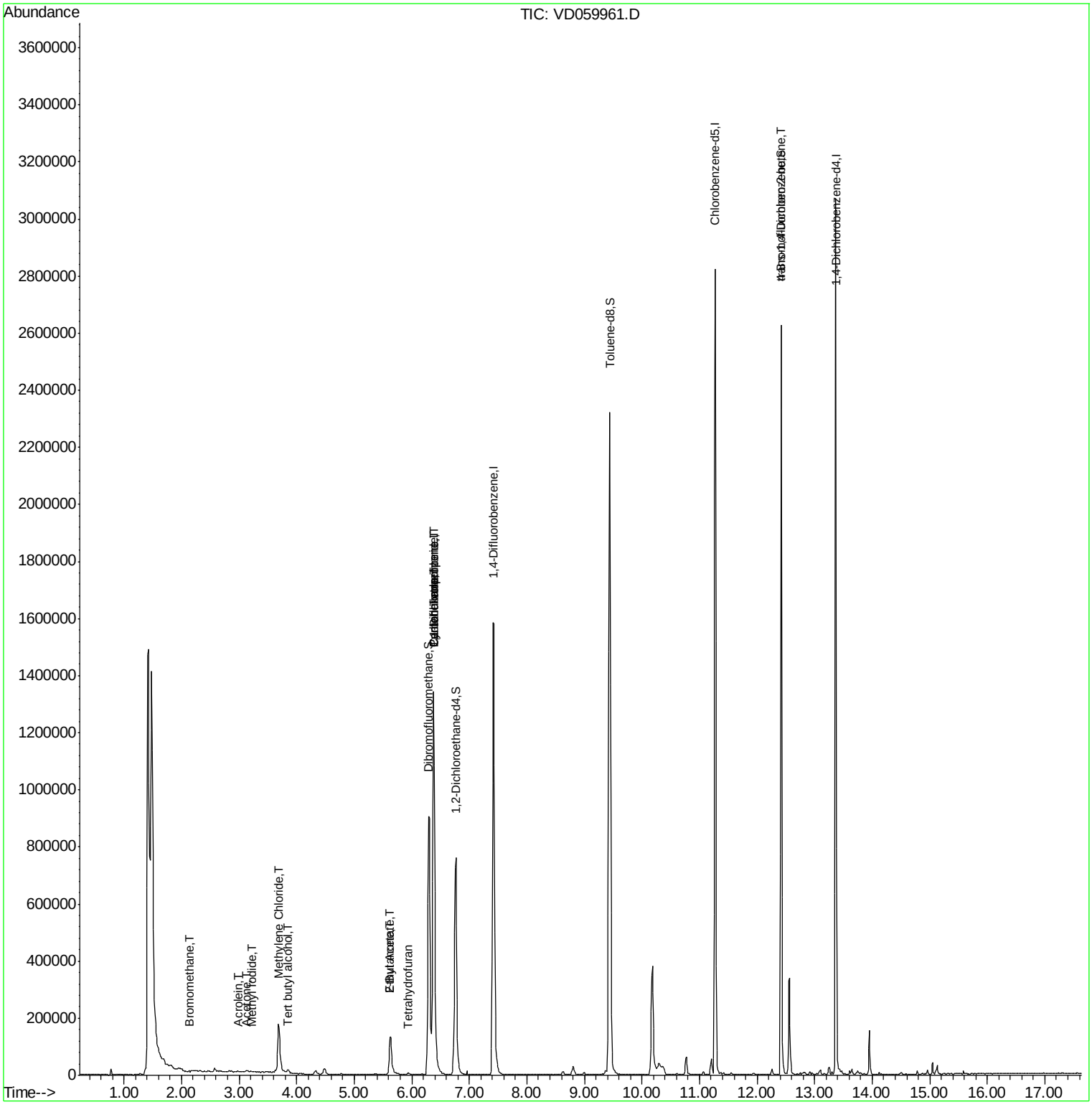
(#) = qualifier out of range (m) = manual integration (+) = signals summed

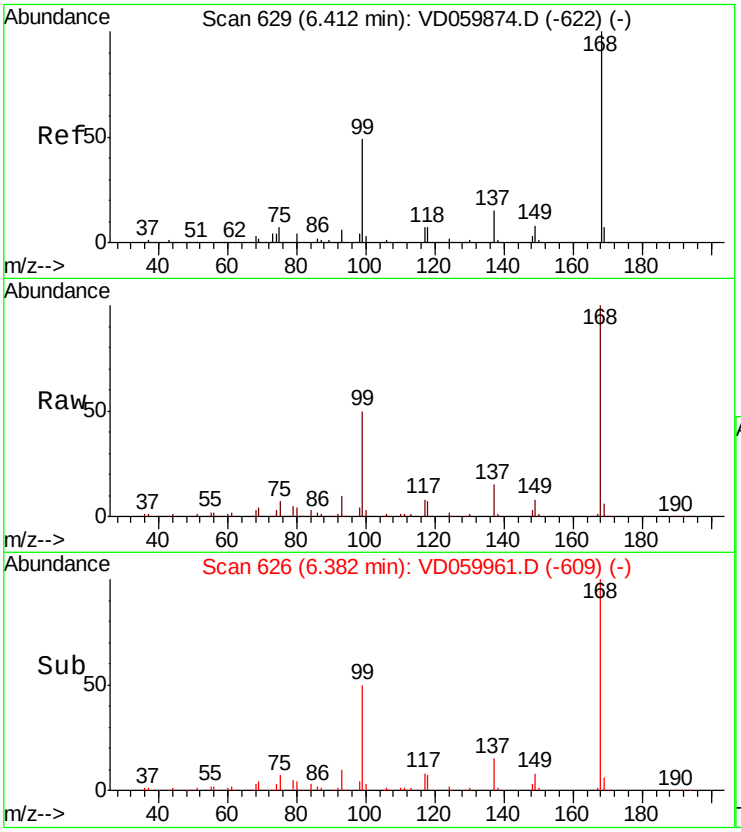
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
Data File : VD059961.D
Acq On : 5 Sep 2018 11:12
Operator : JC/SY
Sample : VD0905SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0905SBL01

Quant Time: Sep 05 14:47:09 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



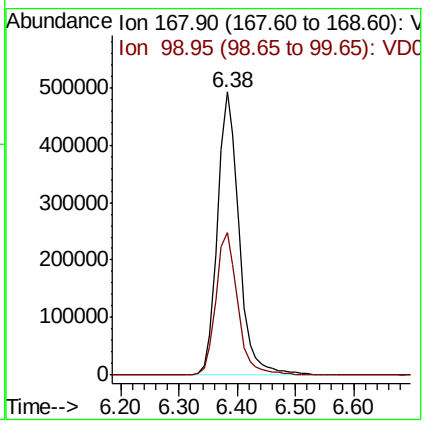


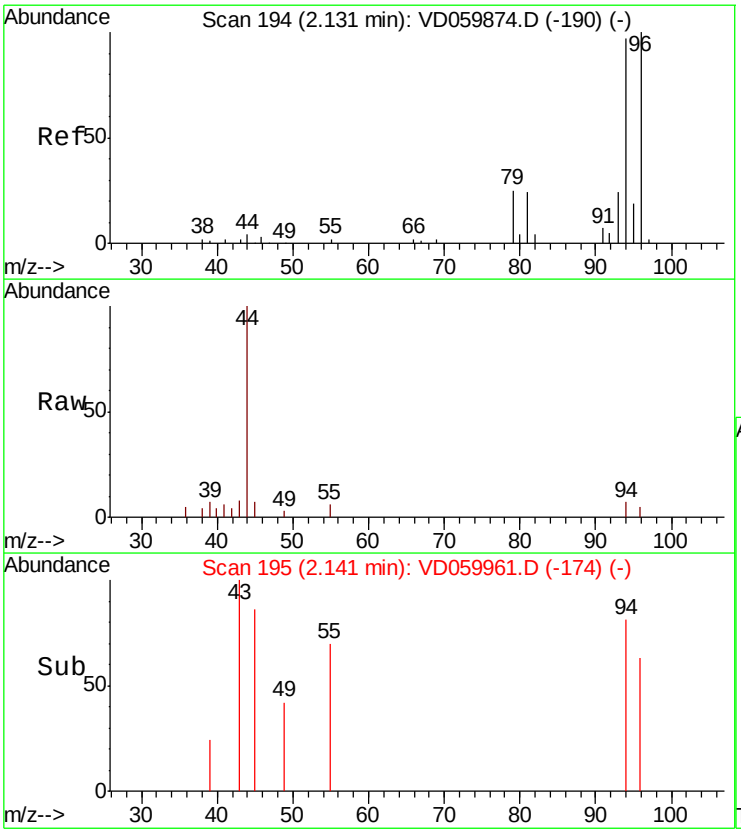
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.38 min Scan# 626
Delta R.T. -0.03 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD0905SBL01

Tgt Ion:168 Resp: 1264962

Ion	Ratio	Lower	Upper
168	100		
99	50.2	42.2	63.2

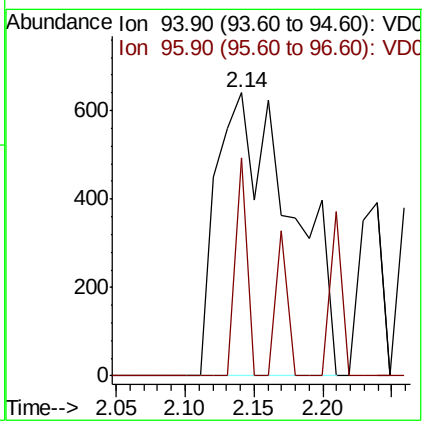


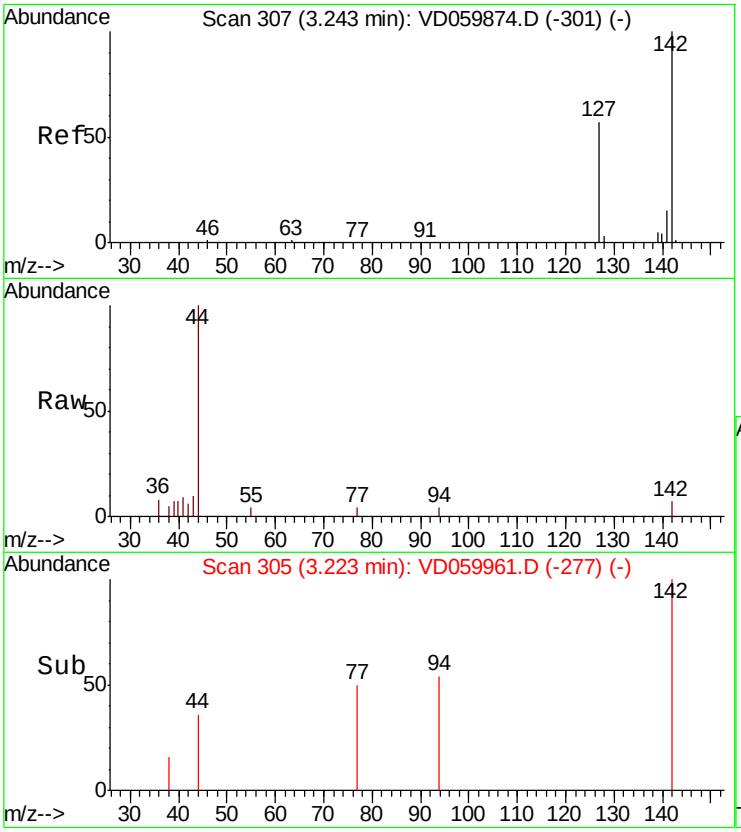


#5
Bromomethane
Concen: 1.75 ug/l
RT: 2.14 min Scan# 195
Delta R.T. 0.01 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Tgt Ion: 94 Resp: 2422

Ion	Ratio	Lower	Upper
94	100		
96	76.9	82.4	123.6#



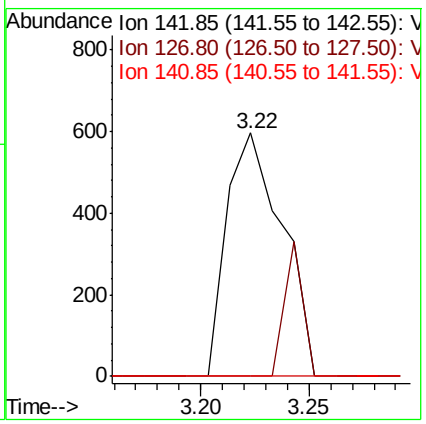


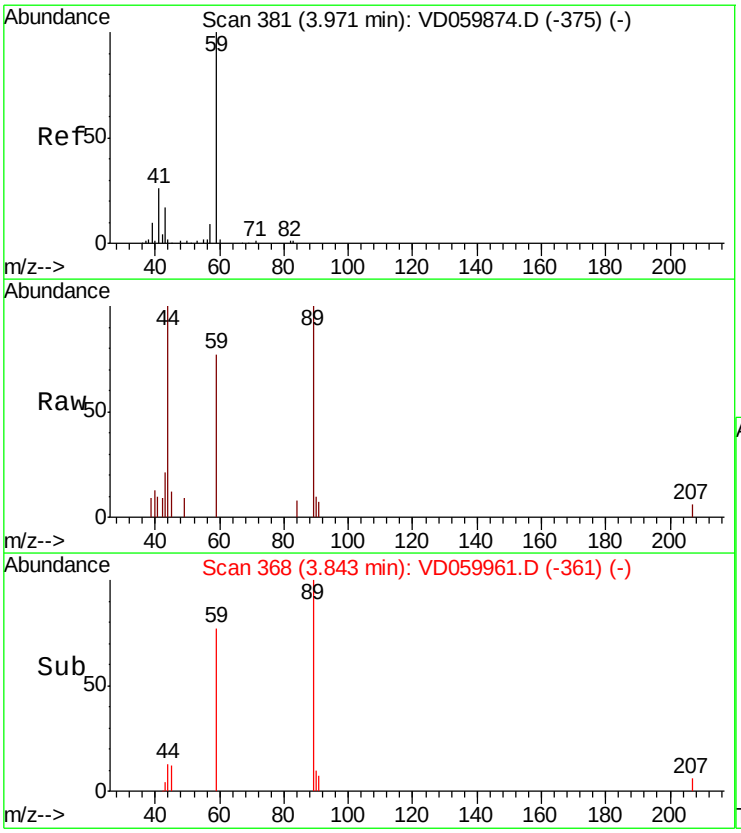
#10
Methyl Iodide
Concen: 3.63 ug/l
RT: 3.22 min Scan# 305
Delta R.T. -0.02 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Instrument : MSVOA_D
ClientSampleId : VD0905SBL01

Tgt Ion:142 Resp: 1064

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

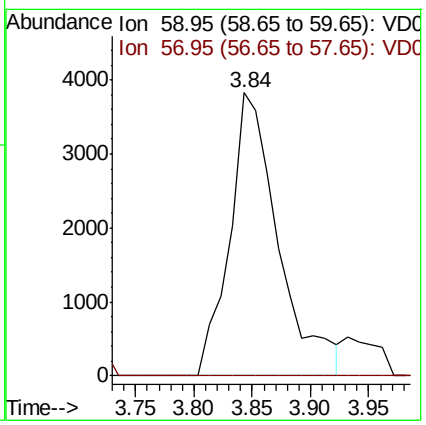


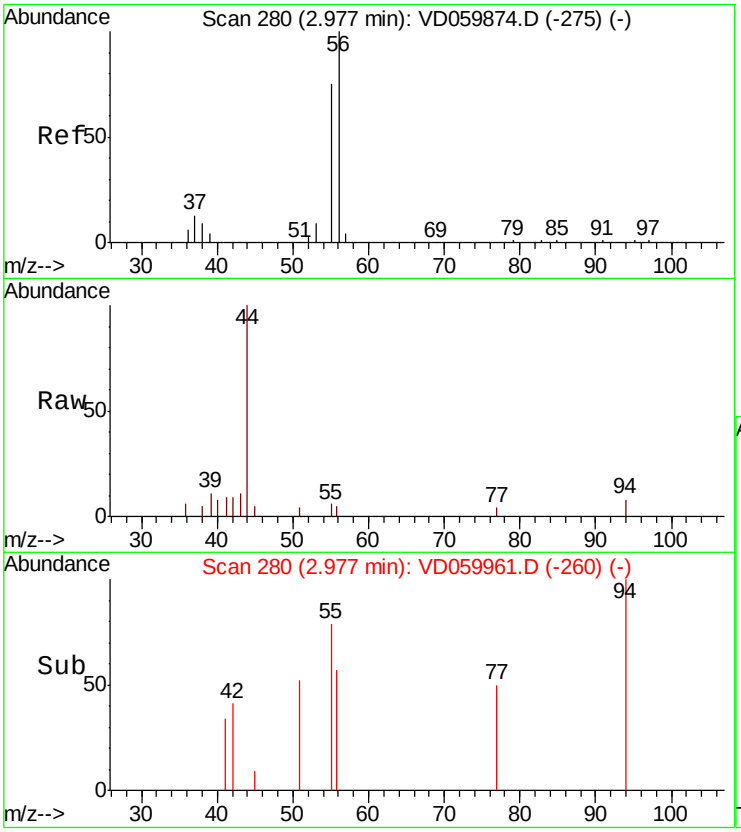


#11
Tert butyl alcohol
Concen: 13.60 ug/l
RT: 3.84 min Scan# 368
Delta R.T. -0.13 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Tgt Ion: 59 Resp: 11067

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.0#



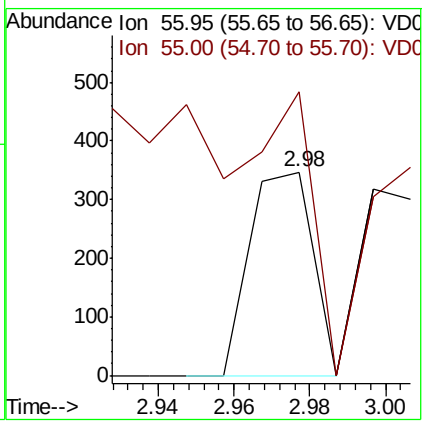


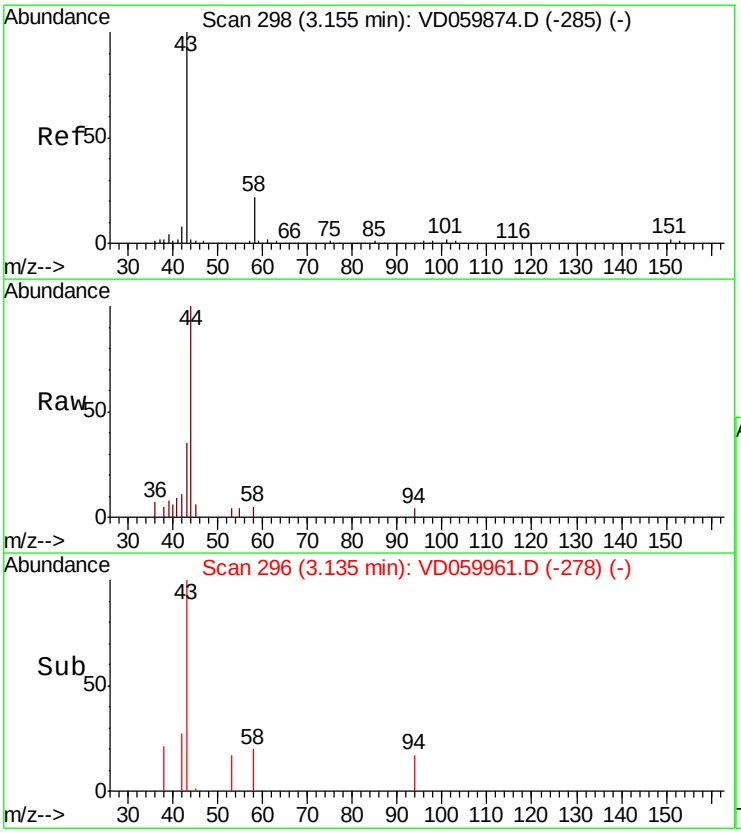
#13
Acrolein
Concen: 1.14 ug/l
RT: 2.98 min Scan# 280
Delta R.T. -0.00 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD0905SBL01

Tgt Ion: 56 Resp: 401

Ion	Ratio	Lower	Upper
56	100		
55	139.2	61.9	92.9#

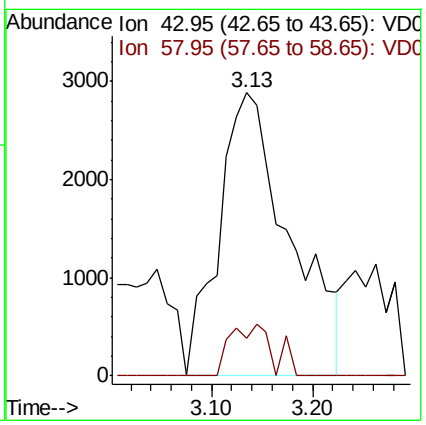


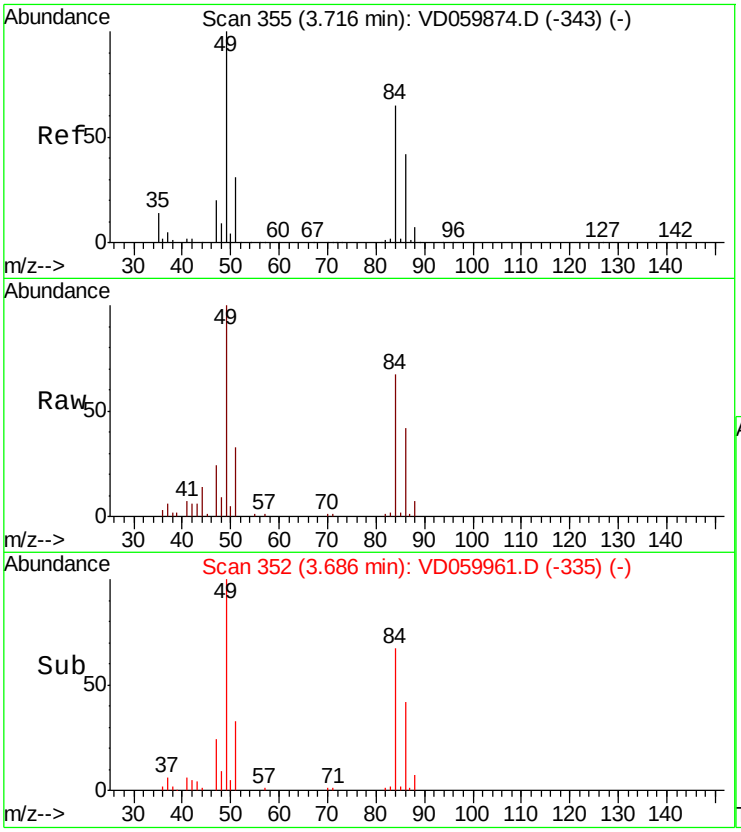


#16
Acetone
Concen: 7.21 ug/l
RT: 3.13 min Scan# 296
Delta R.T. -0.02 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Tgt Ion: 43 Resp: 13999

Ion	Ratio	Lower	Upper
43	100		
58	13.3	17.6	26.4#



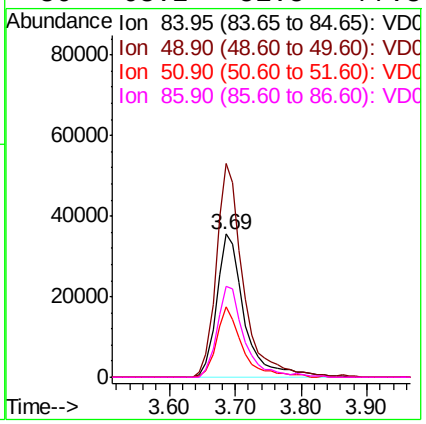


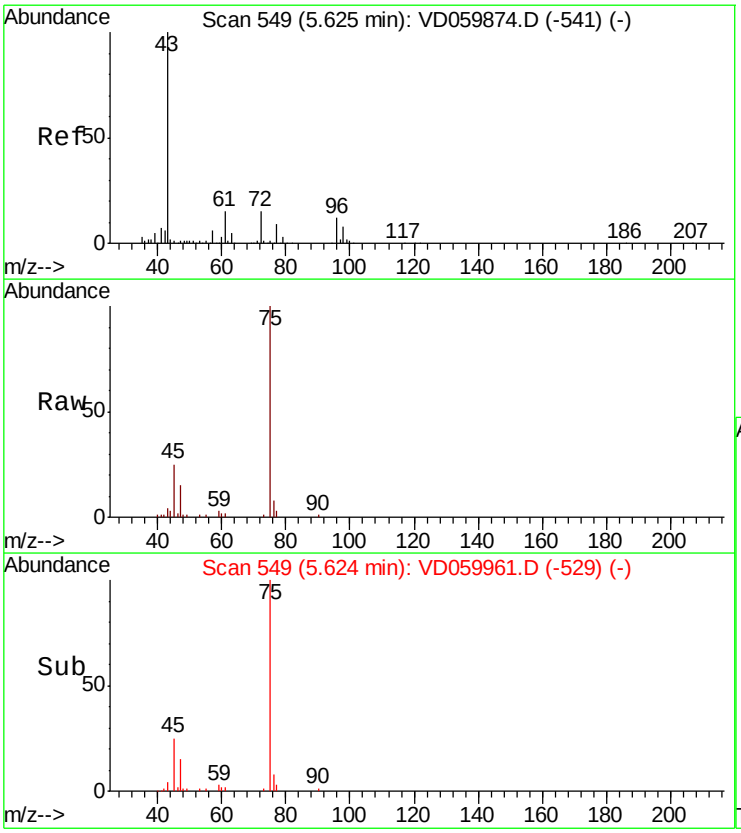
#20
Methylene Chloride
Concen: 4.67 ug/l
RT: 3.69 min Scan# 352
Delta R.T. -0.03 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Instrument : MSVOA_D
ClientSampleId : VD0905SBL01

Tgt Ion: 84 Resp: 104242

Ion	Ratio	Lower	Upper
84	100		
49	149.1	122.6	183.8
51	49.0	38.4	57.6
86	63.2	51.5	77.3

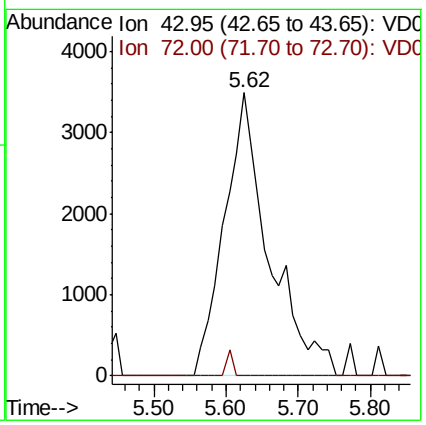


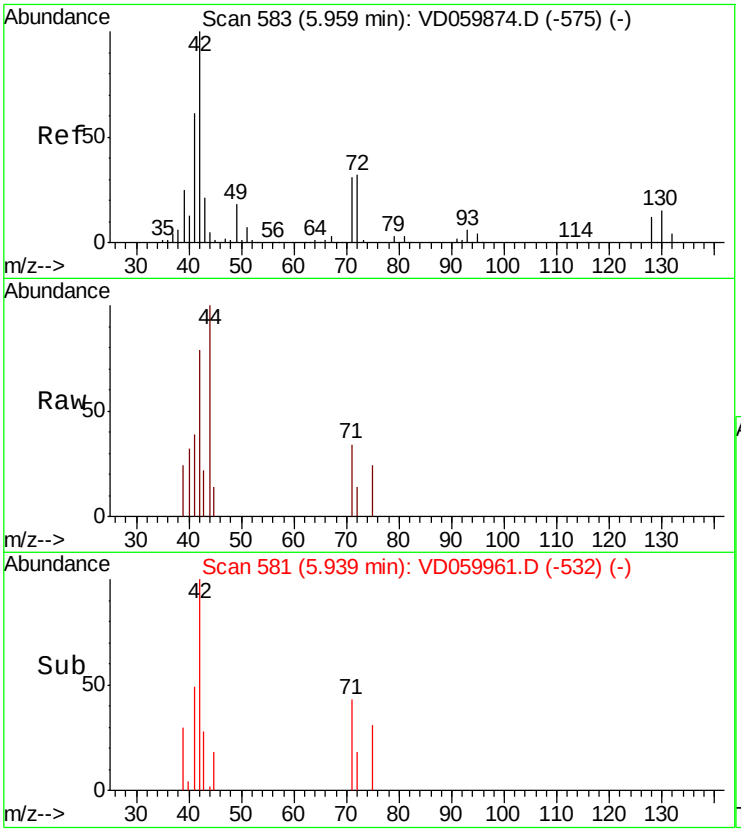


#25
2-Butanone
Concen: 2.61 ug/l
RT: 5.62 min Scan# 549
Delta R.T. -0.00 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Tgt Ion: 43 Resp: 15031

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.3	18.5#



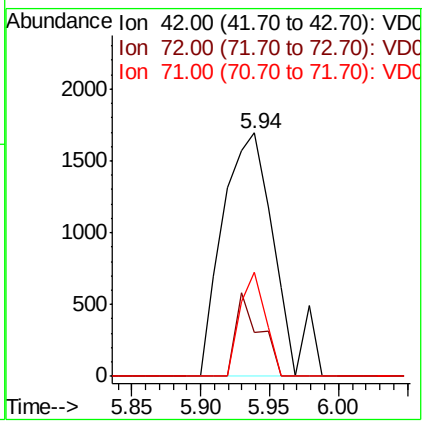


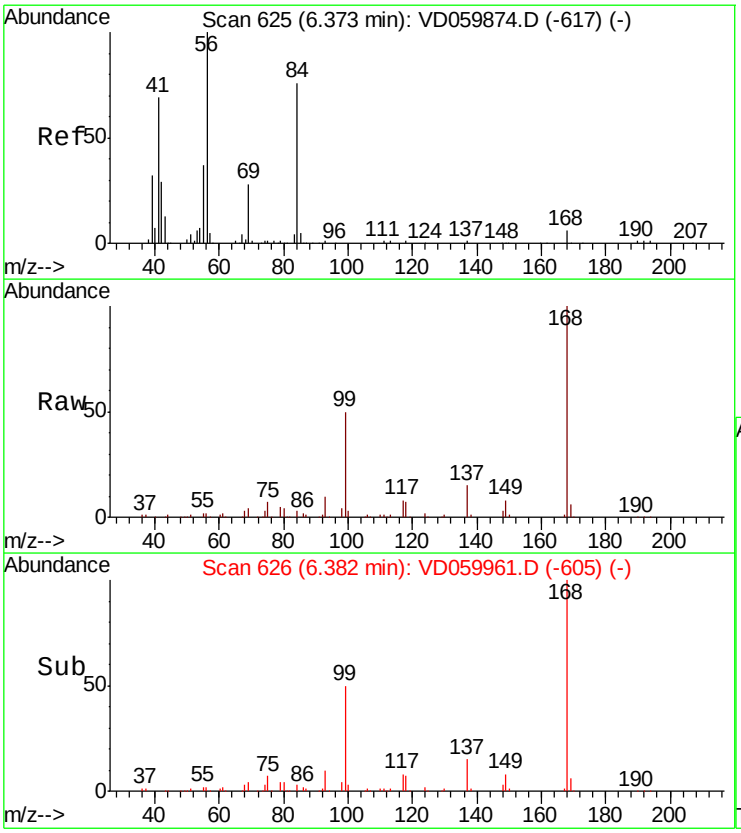
#29
Tetrahydrofuran
Concen: 1.63 ug/l
RT: 5.94 min Scan# 581
Delta R.T. -0.02 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD0905SBL01

Tgt Ion: 42 Resp: 4468

Ion	Ratio	Lower	Upper
42	100		
72	16.0	25.7	38.5#
71	21.0	25.3	37.9#

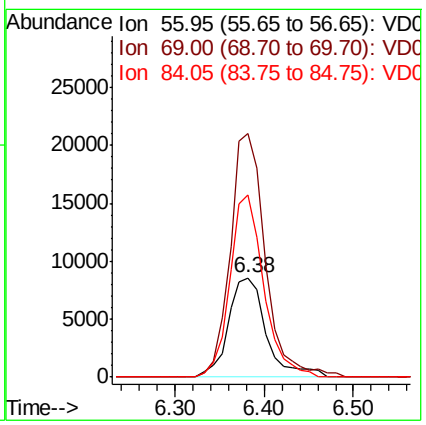


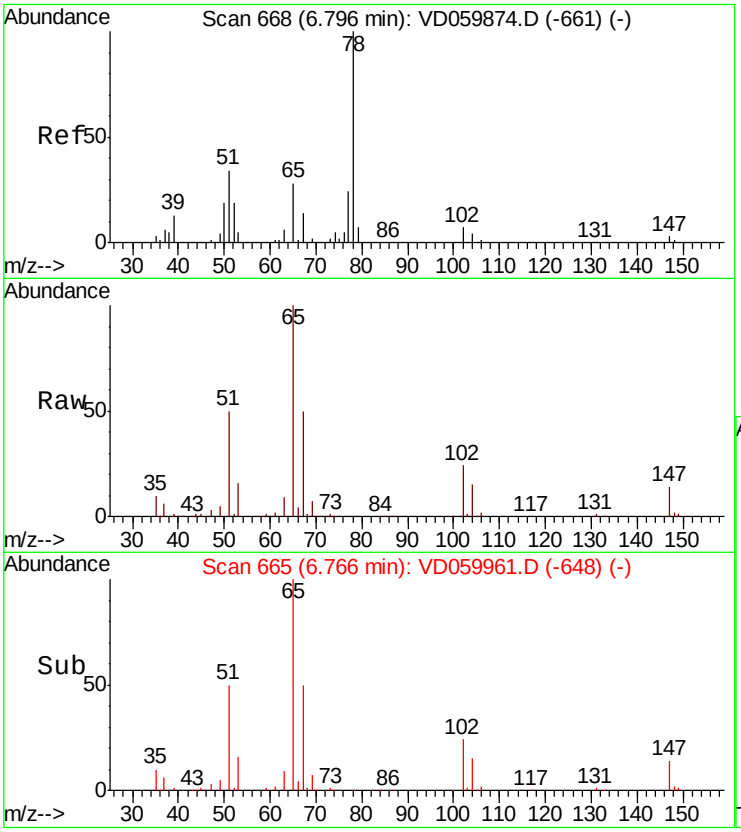


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 6.38 min Scan# 626
Delta R.T. 0.01 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Tgt Ion: 56 Resp: 25248

Ion	Ratio	Lower	Upper
56	100		
69	245.2	22.4	33.6#
84	183.4	62.1	93.1#



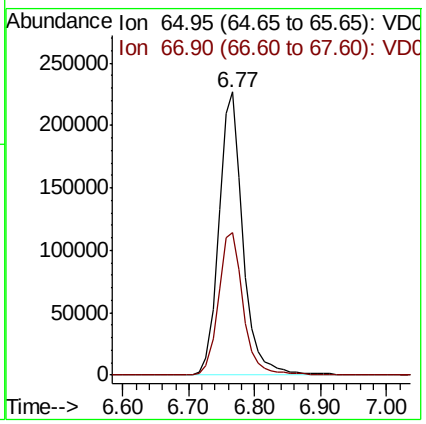


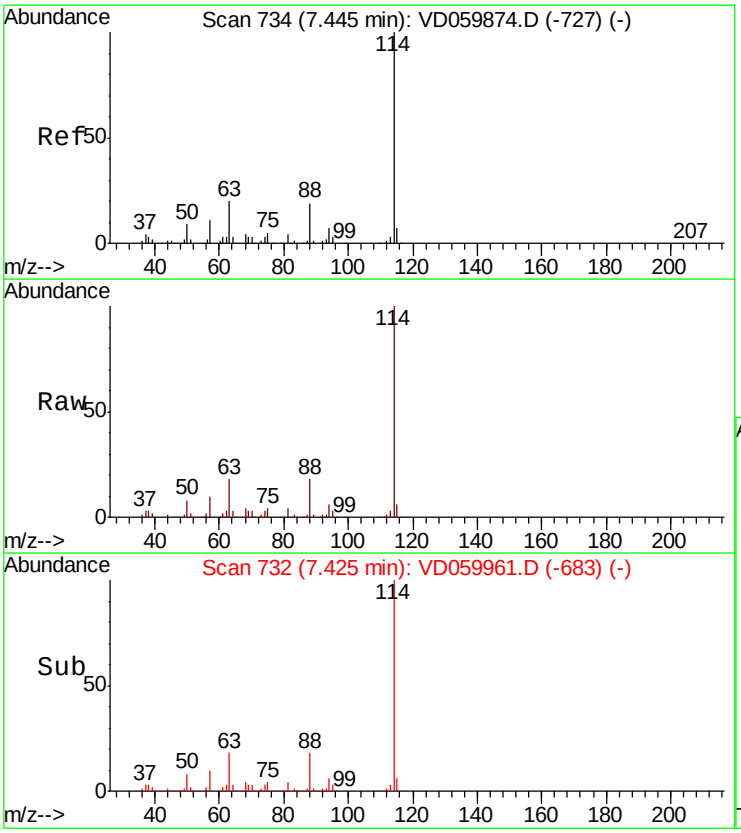
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 665
Delta R.T. -0.03 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD0905SBL01

Tgt Ion: 65 Resp: 574229

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	103.8

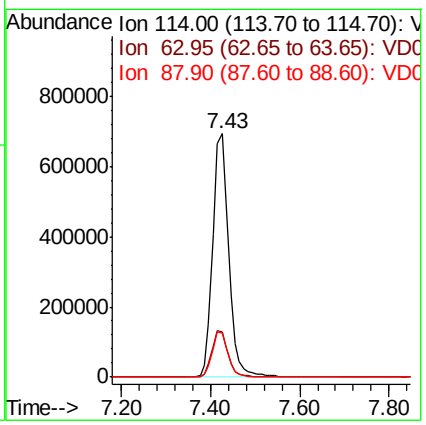


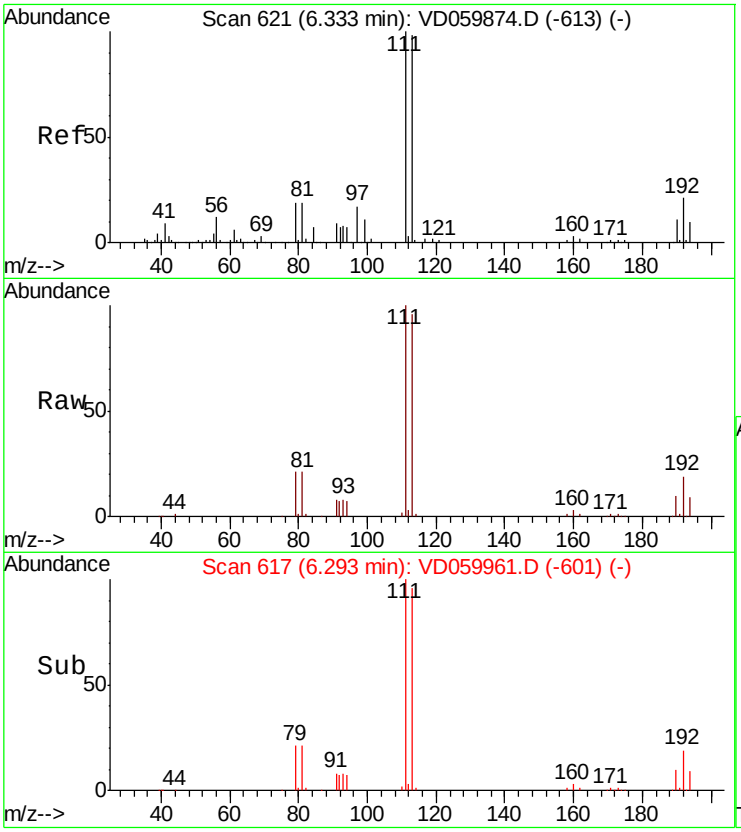


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 7.43 min Scan# 732
Delta R.T. -0.02 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Tgt Ion:114 Resp: 1723626

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.4
88	18.2	0.0	37.6



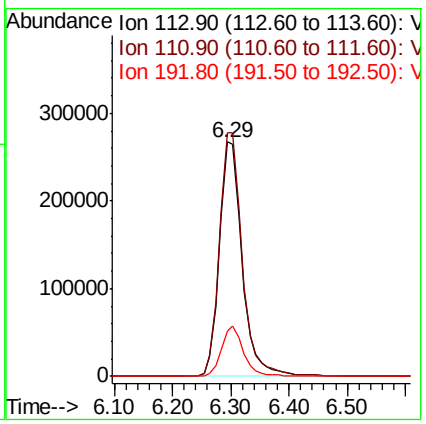


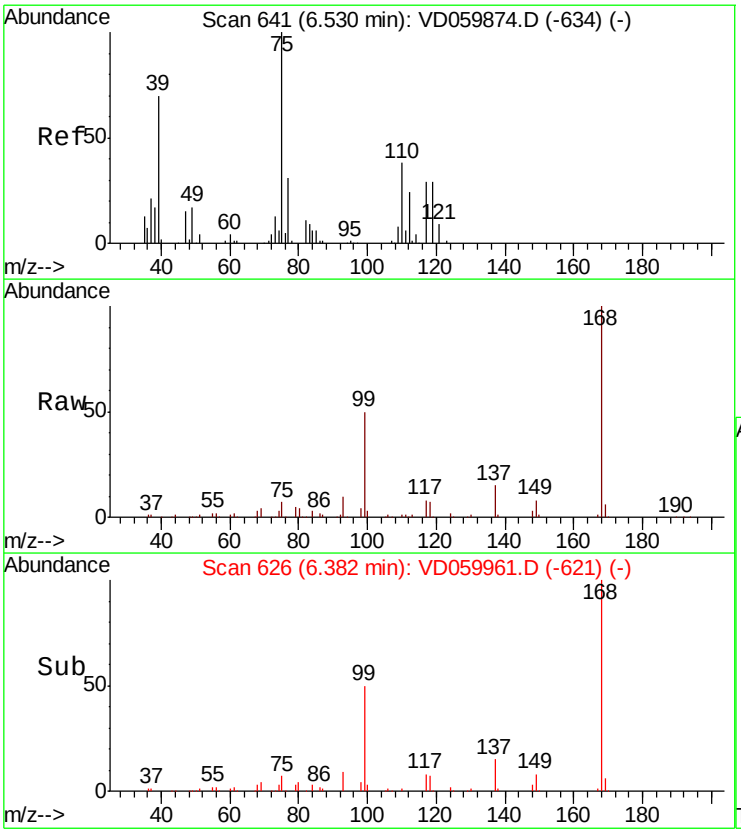
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.29 min Scan# 617
Delta R.T. -0.04 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD0905SBL01

Tgt Ion:113 Resp: 726941

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.2
192	19.3	17.0	25.6

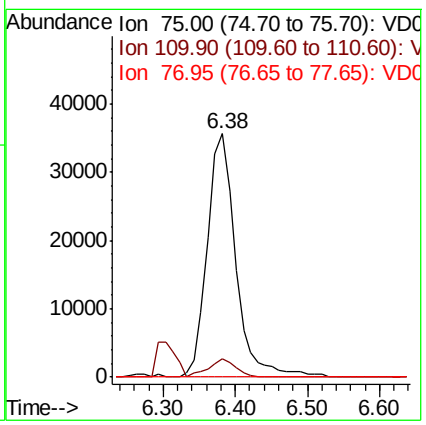


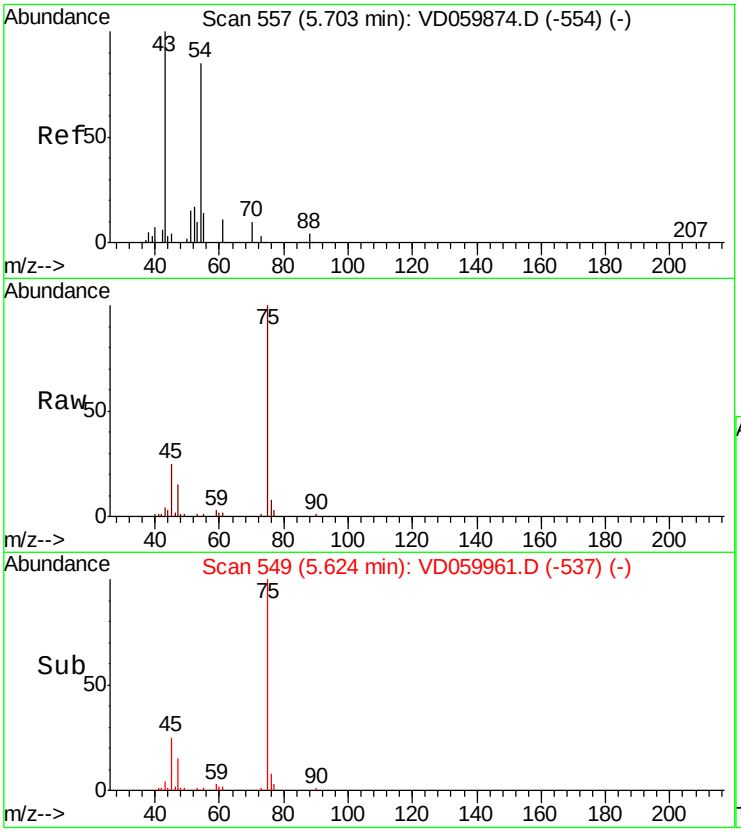


#36
1,1-Dichloropropene
Concen: 6.21 ug/l
RT: 6.38 min Scan# 626
Delta R.T. -0.15 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Tgt Ion: 75 Resp: 96963

Ion	Ratio	Lower	Upper
75	100		
110	7.3	18.6	56.0#
77	0.0	25.1	37.7#



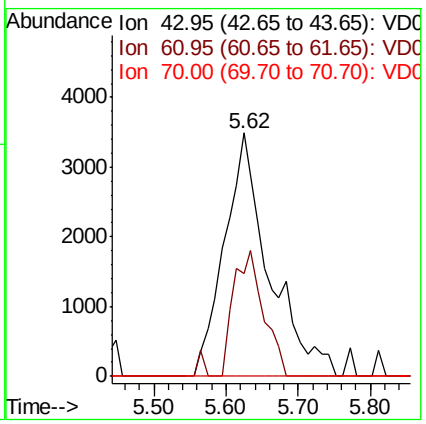


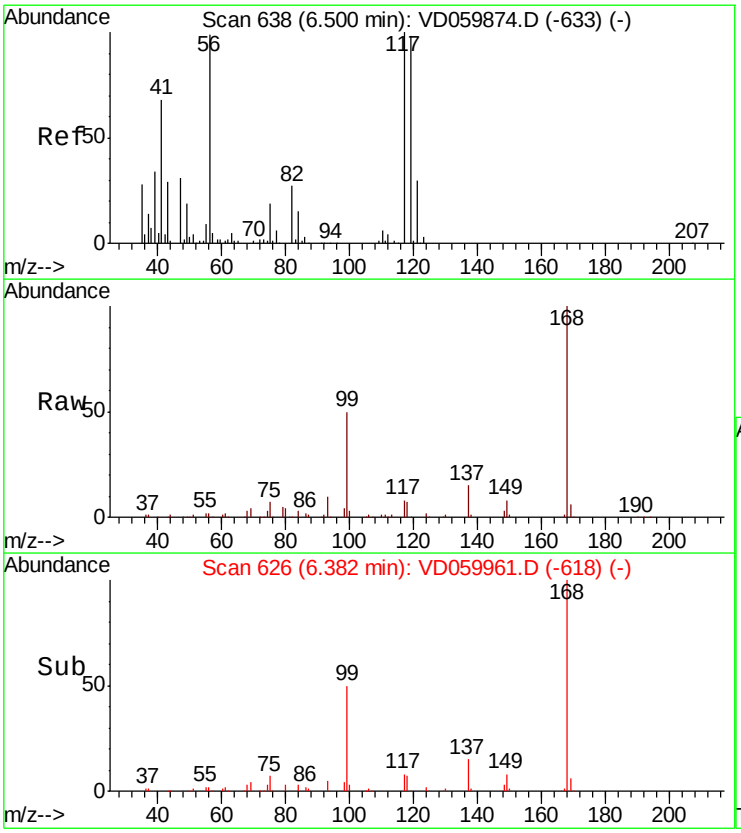
#37
Ethyl Acetate
Concen: 1.24 ug/l
RT: 5.62 min Scan# 549
Delta R.T. -0.08 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Instrument : MSVOA_D
ClientSampleId : VD0905SBL01

Tgt Ion: 43 Resp: 15031

Ion	Ratio	Lower	Upper
43	100		
61	42.3	11.0	16.6#
70	0.0	5.7	8.5#

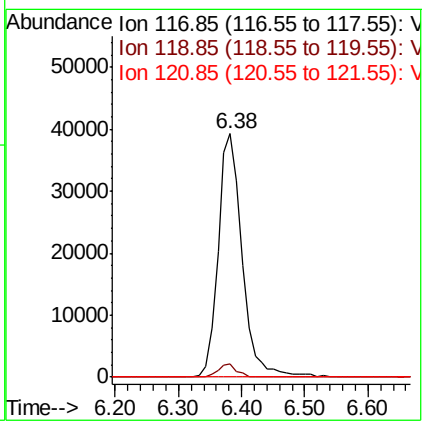


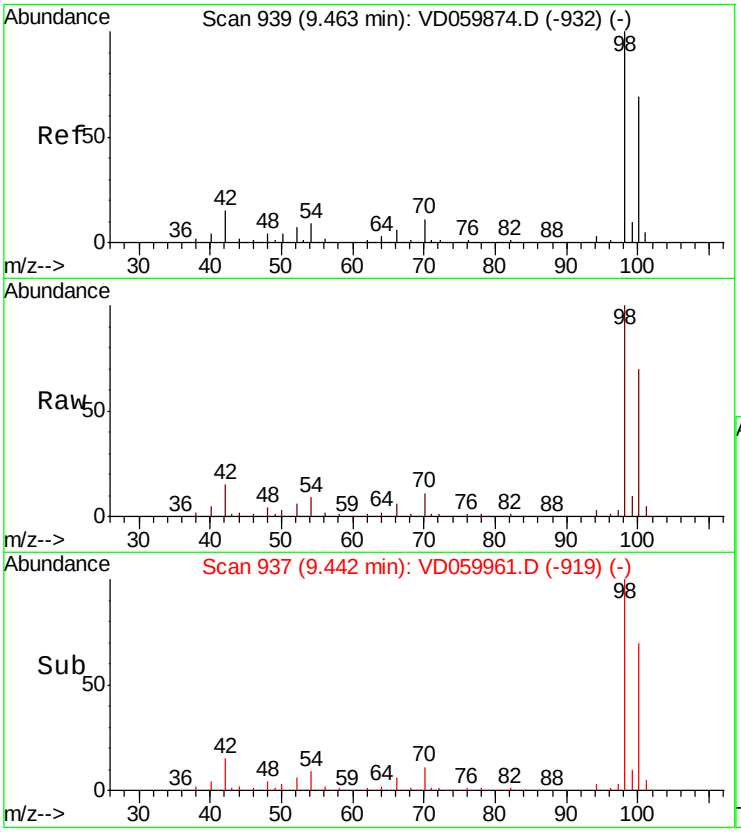


#38
Carbon Tetrachloride
Concen: 6.57 ug/l
RT: 6.38 min Scan# 626
Delta R.T. -0.12 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Tgt Ion:117 Resp: 103577

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.2	115.8#
121	0.0	24.0	36.0#



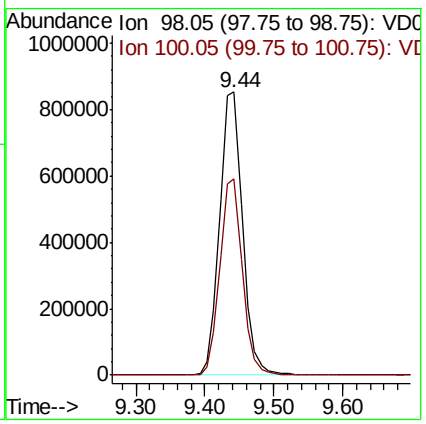


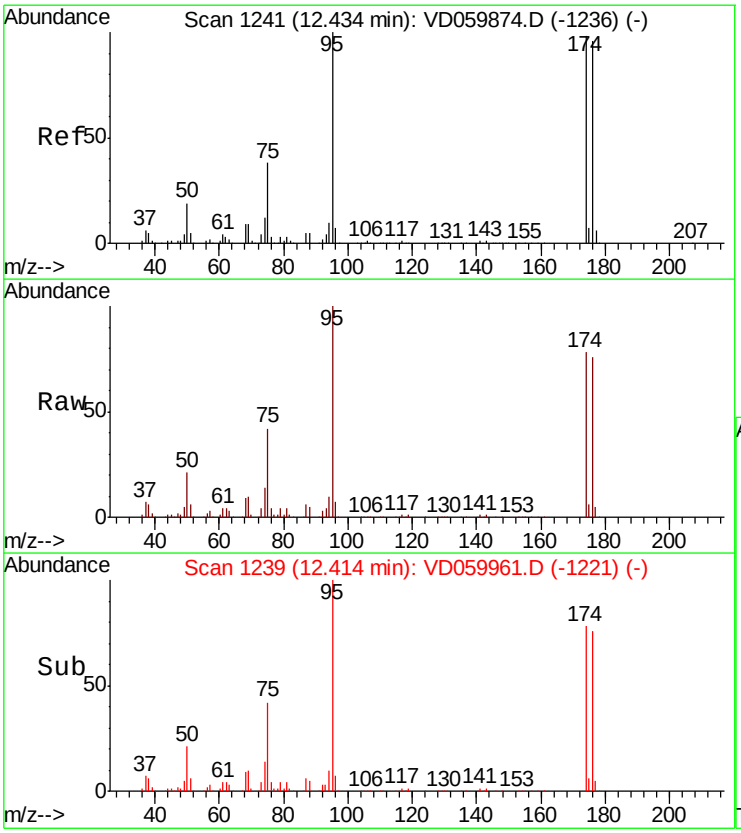
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 937
Delta R.T. -0.02 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD0905SBL01

Tgt Ion: 98 Resp: 1966192

Ion	Ratio	Lower	Upper
98	100		
100	69.5	55.8	83.6

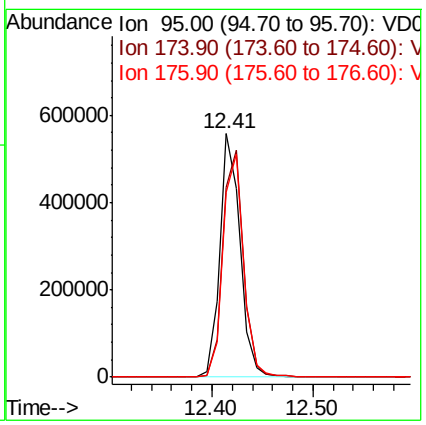


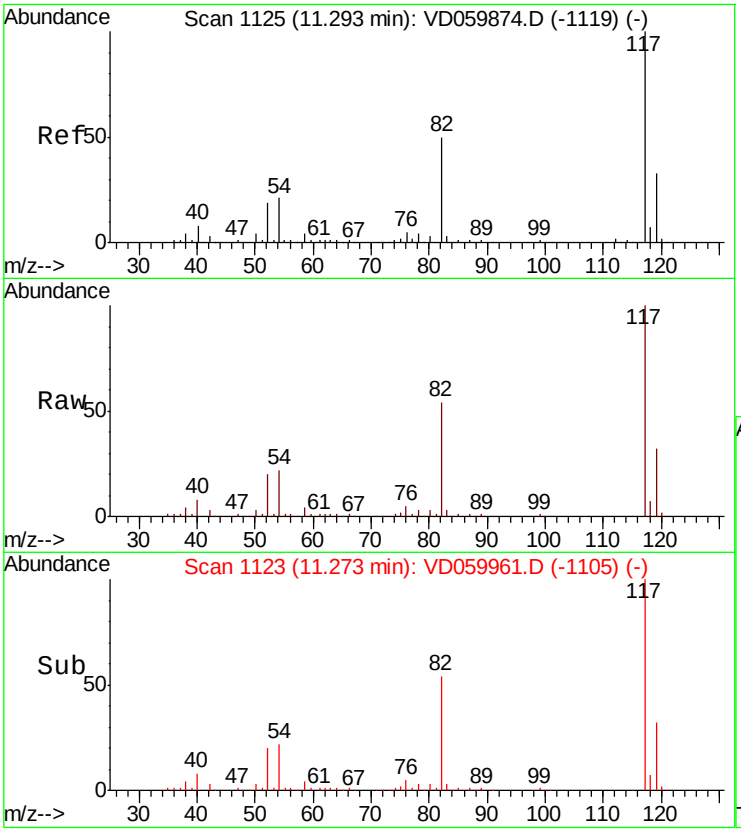


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.41 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Tgt Ion: 95 Resp: 777333

Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	195.6
176	75.7	0.0	191.2



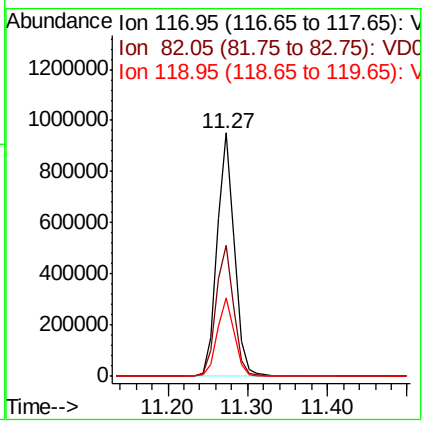


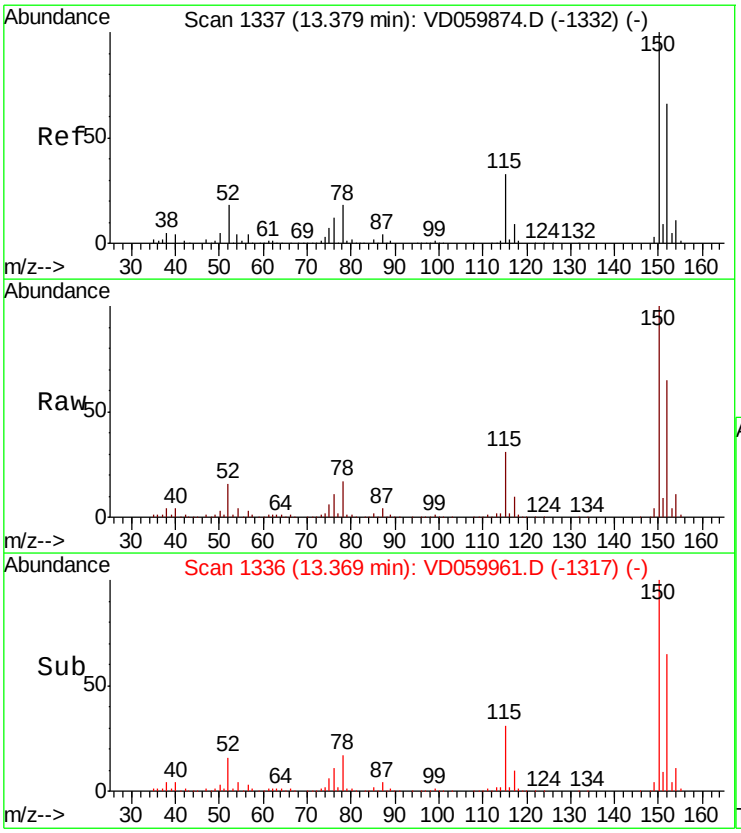
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1123
Delta R.T. -0.02 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Instrument : MSVOA_D
ClientSampleId : VD0905SBL01

Tgt Ion:117 Resp: 1457683

Ion	Ratio	Lower	Upper
117	100		
82	53.7	40.1	60.1
119	32.2	26.7	40.1

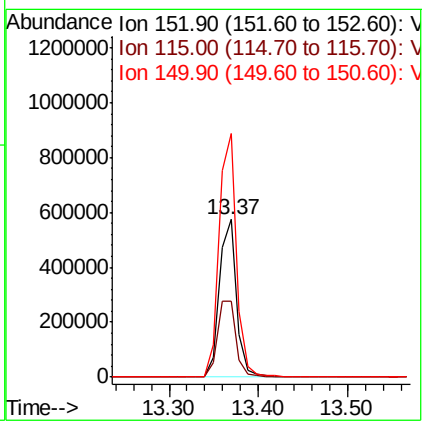


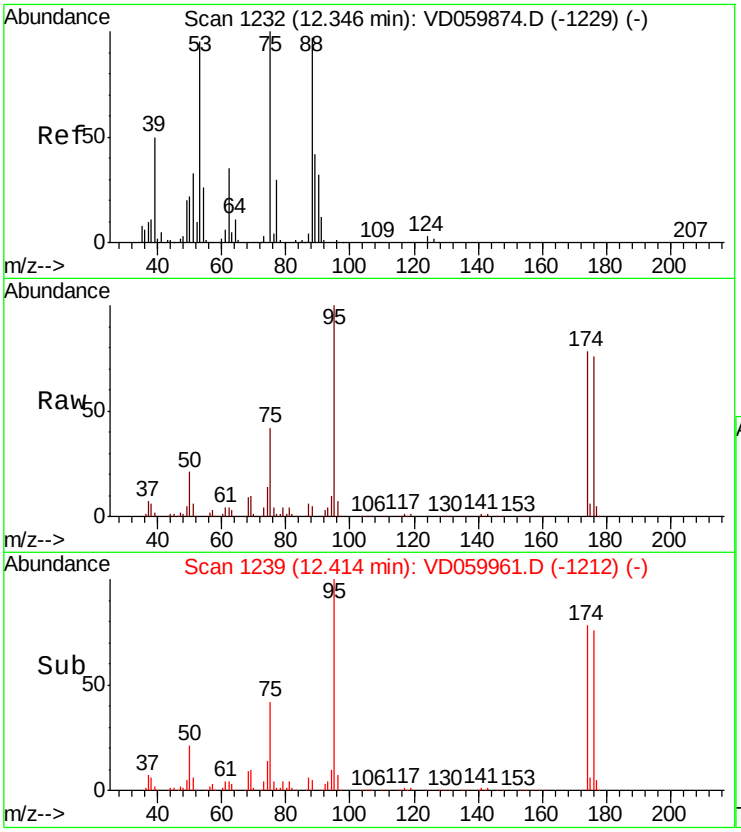


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Tgt Ion:152 Resp: 783706

Ion	Ratio	Lower	Upper
152	100		
115	47.9	25.7	77.0
150	154.8	0.0	310.2





#81
trans-1,4-Dichloro-2-butene
Concen: 84.80 ug/l
RT: 12.41 min Scan# 1239
Delta R.T. 0.07 min
Lab File: VD059961.D
Acq: 5 Sep 2018 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD0905SBL01

Tgt Ion: 75 Resp: 321299

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