Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090518\
Data File : VD059964.D
Acq On : 5 Sep 2018 12:48
Operator : JC/SY
Sample : J4739-01
Misc : 6.46g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AOC2-02-A

Quant Time: Sep 05 14:48:27 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	155088	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	248709	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	245482	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	142357	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	140349	107.37	ug/l	-0.03
Spiked Amount 50.000			Recovery = 214.74%			
35) Dibromofluoromethane	6.30	113	120815	61.96	ug/l	-0.03
Spiked Amount 50.000			Recovery = 123.92%			
50) Toluene-d8	9.44	98	306035	56.55	ug/l	-0.02
Spiked Amount 50.000			Recovery = 113.10%			
62) 4-Bromofluorobenzene	12.42	95	139710	63.56	ug/l	-0.01
Spiked Amount 50.000			Recovery = 127.12%			
Target Compounds						Qvalue
5) Bromomethane	2.17	94	236	1.39	ug/l #	1
13) Acrolein	3.05	56	181	4.18	ug/l #	2
15) Acrylonitrile	4.05	53	758	2.03	ug/l #	17
16) Acetone	3.14	43	26874	112.85	ug/l	95
18) Methyl Acetate	3.52	43	1140	2.29	ug/l #	66
20) Methylene Chloride	3.69	84	18066	8.26	ug/l	92
25) 2-Butanone	5.61	43	7401	10.49	ug/l #	63
29) Tetrahydrofuran	5.94	42	3079	9.17	ug/l #	43
31) Cyclohexane	6.38	56	2892	1.16	ug/l #	1
36) 1,1-Dichloropropene	6.38	75	10781	4.78	ug/l #	40
38) Carbon Tetrachloride	6.39	117	11922	5.24	ug/l #	12
41) Methacrylonitrile	5.94	41	2036	2.30	ug/l #	78
51) 4-Methyl-2-Pentanone	9.33	43	2553	1.50	ug/l #	41
59) 2-Hexanone	10.47	43	1774	1.41	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.41	75	59471	86.41	ug/l #	12
89) n-Butylbenzene	13.64	91	971	Below Cal	#	58
95) Naphthalene	14.96	128	5255	1.05	ug/l #	95

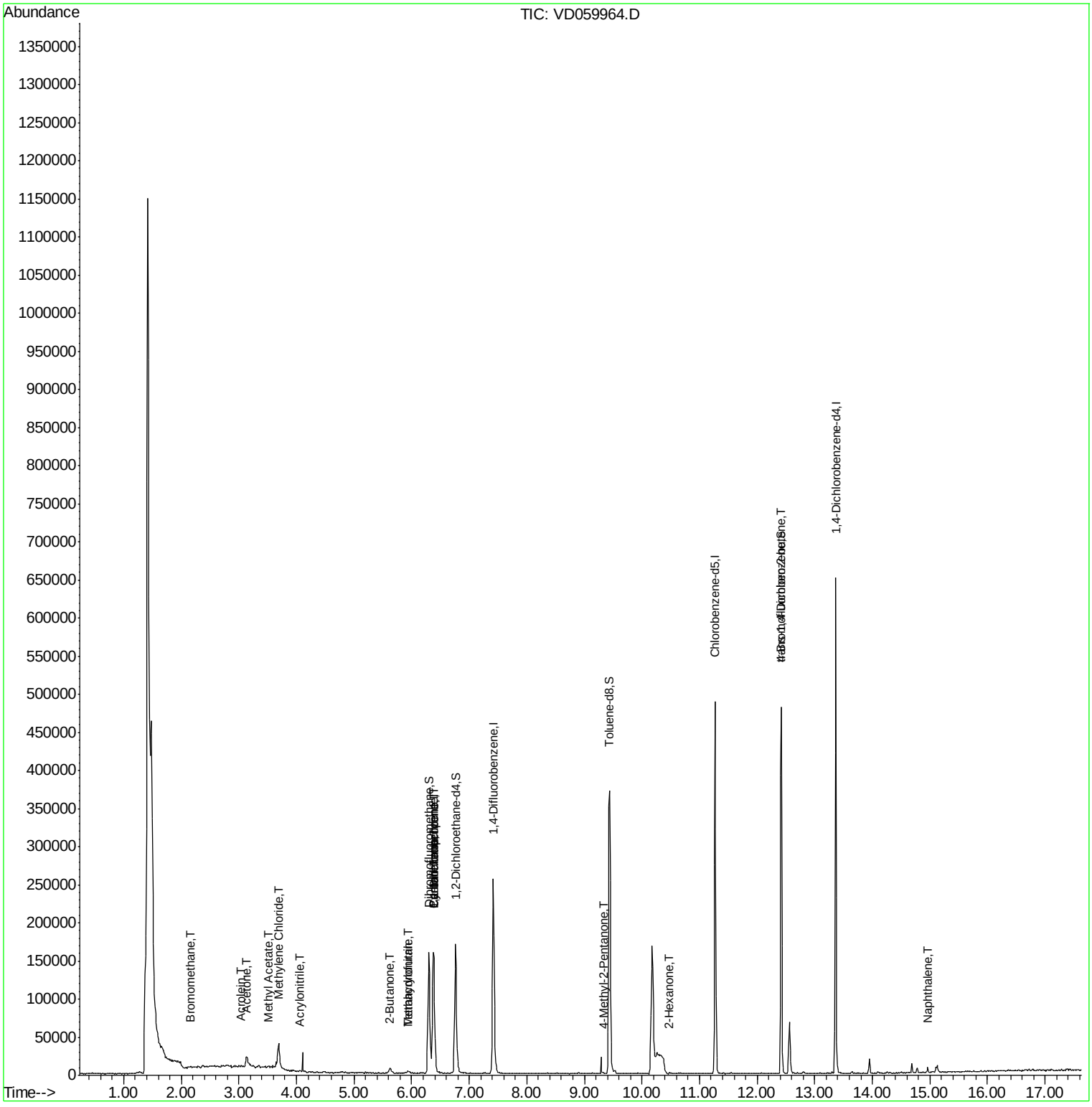
(#) = qualifier out of range (m) = manual integration (+) = signals summed

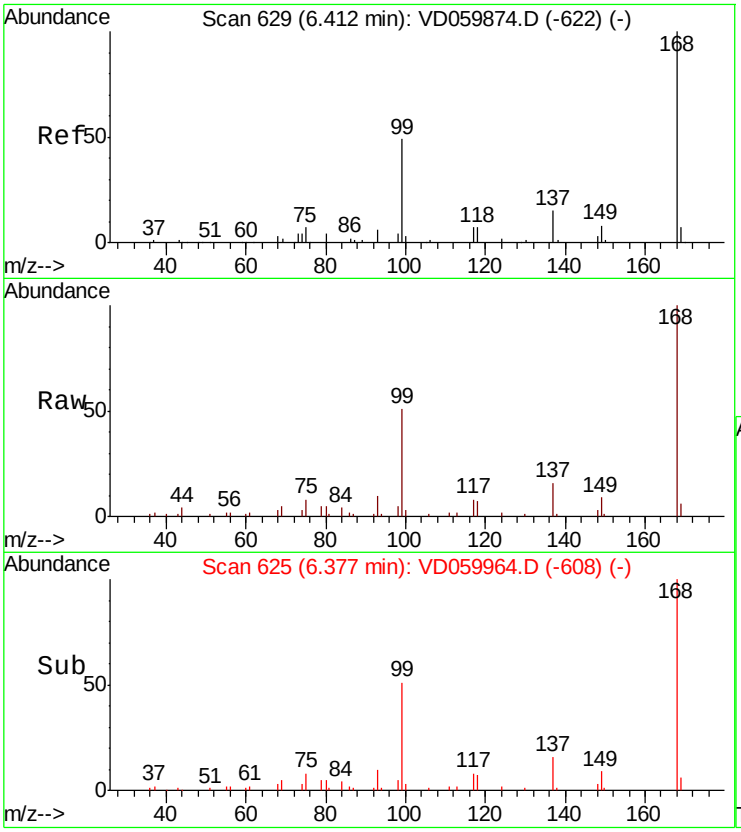
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
Data File : VD059964.D
Acq On : 5 Sep 2018 12:48
Operator : JC/SY
Sample : J4739-01
Misc : 6.46g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AOC2-02-A

Quant Time: Sep 05 14:48:27 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



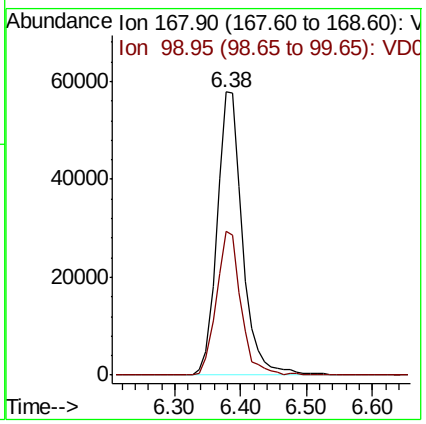


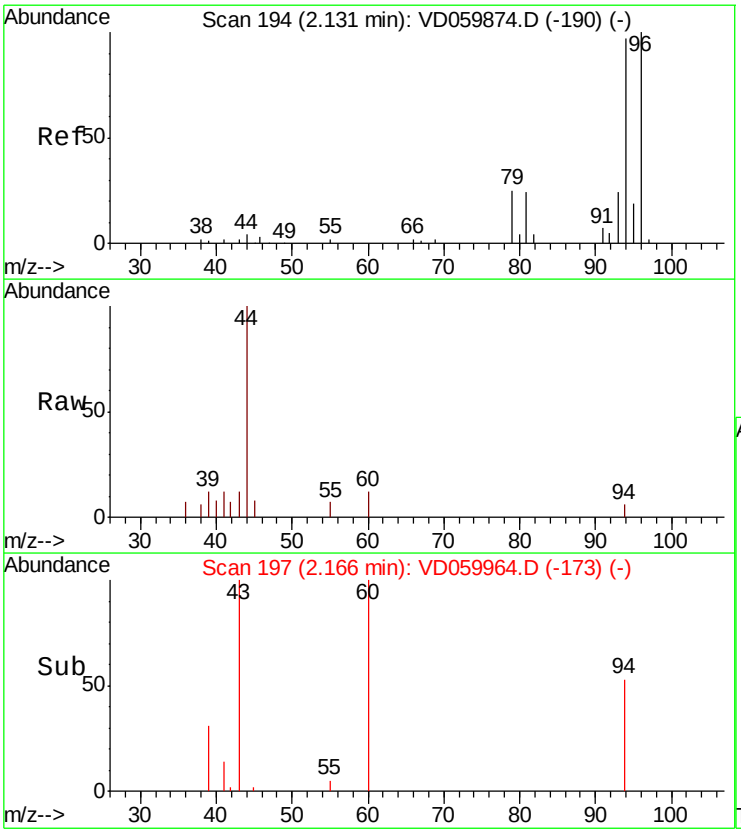
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.38 min Scan# 625
Delta R.T. -0.03 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Instrument : MSVOA_D
ClientSampleId : AOC2-02-A

Tgt Ion:168 Resp: 155088

Ion	Ratio	Lower	Upper
168	100		
99	50.7	42.2	63.2

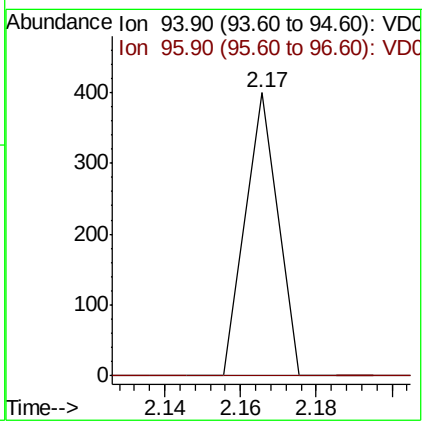


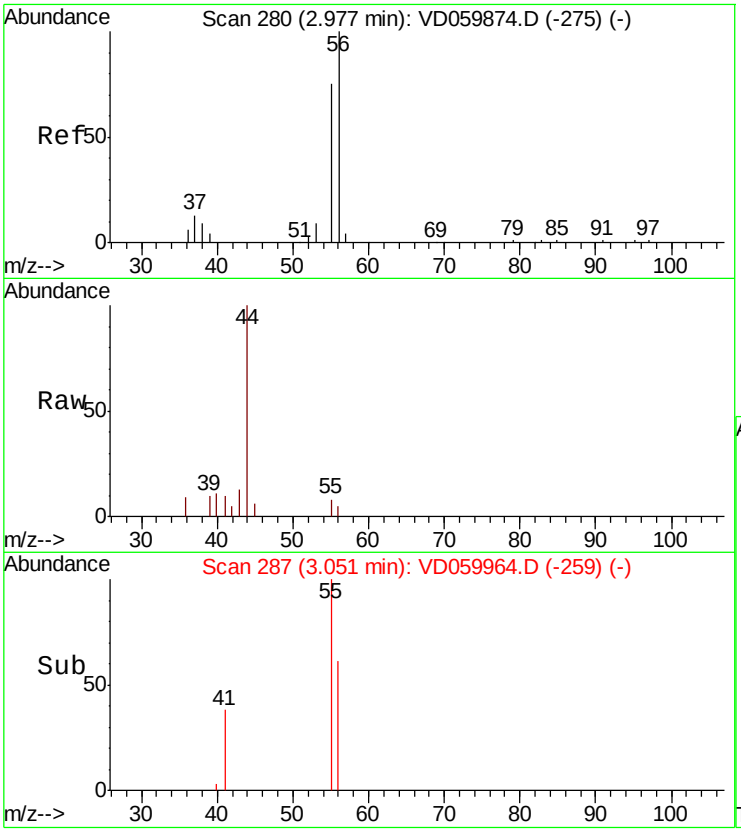


#5
Bromomethane
Concen: 1.39 ug/l
RT: 2.17 min Scan# 197
Delta R.T. 0.03 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Tgt Ion: 94 Resp: 236

Ion	Ratio	Lower	Upper
94	100		
96	0.0	82.4	123.6#



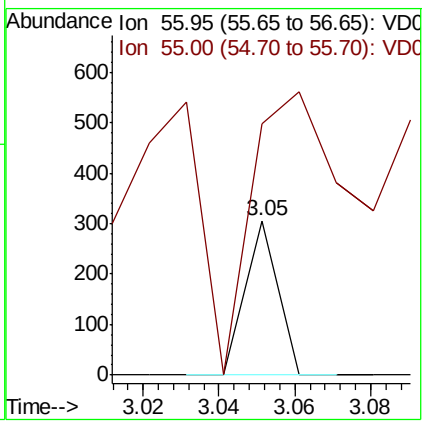


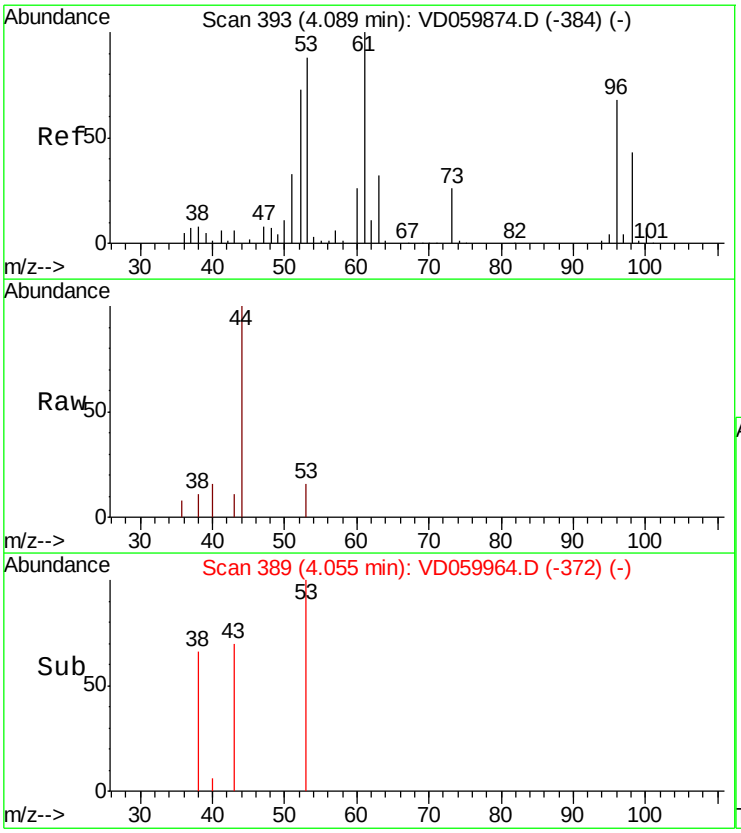
#13
Acrolein
Concen: 4.18 ug/l
RT: 3.05 min Scan# 287
Delta R.T. 0.07 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Instrument : MSVOA_D
ClientSampleId : AOC2-02-A

Tgt Ion: 56 Resp: 181

Ion	Ratio	Lower	Upper
56	100		
55	162.7	61.9	92.9#

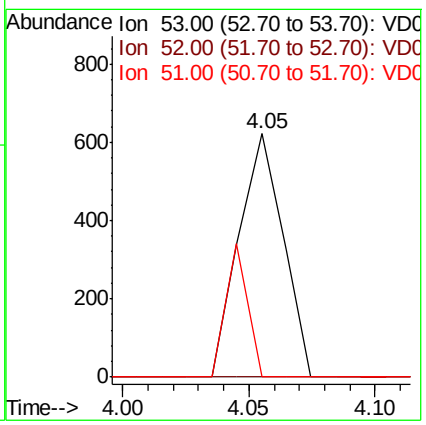


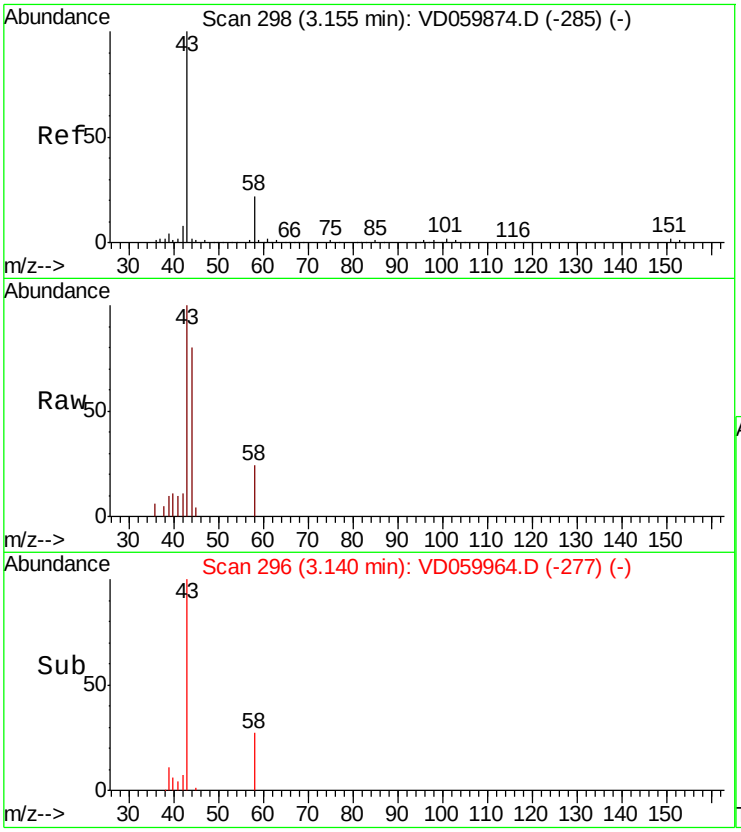


#15
Acrylonitrile
Concen: 2.03 ug/l
RT: 4.05 min Scan# 389
Delta R.T. -0.03 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Tgt Ion: 53 Resp: 758

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.9	100.3#
51	0.0	30.3	45.5#



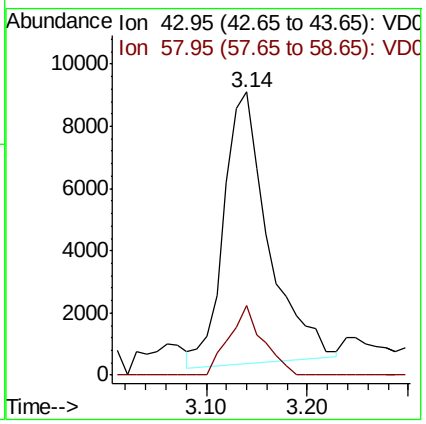


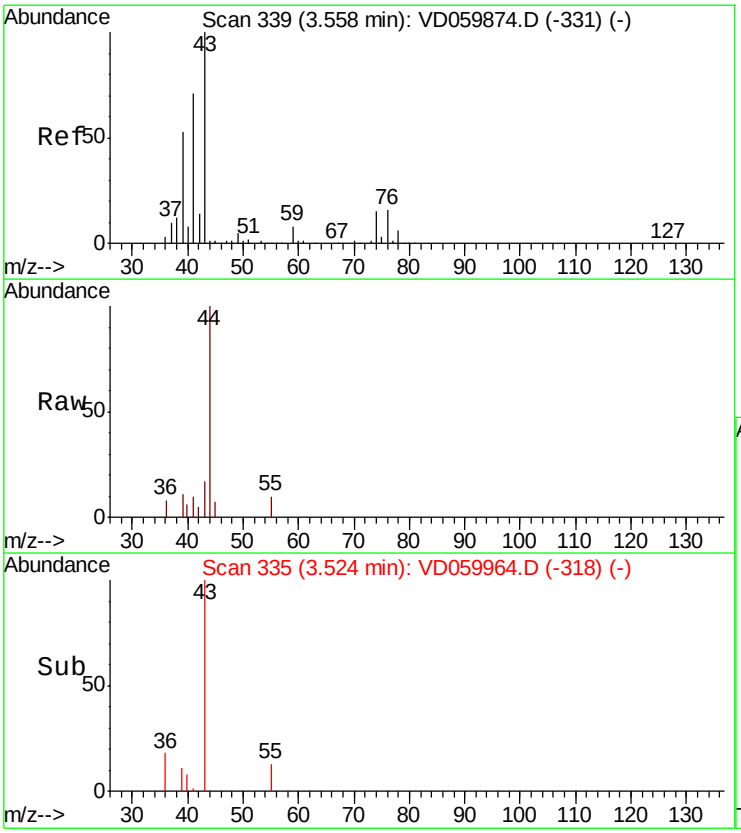
#16
Acetone
Concen: 112.85 ug/l
RT: 3.14 min Scan# 296
Delta R.T. -0.01 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Instrument : MSVOA_D
ClientSampleId : AOC2-02-A

Tgt Ion: 43 Resp: 26874

Ion	Ratio	Lower	Upper
43	100		
58	24.5	17.6	26.4

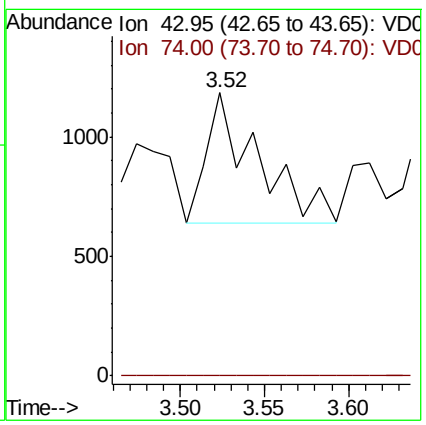


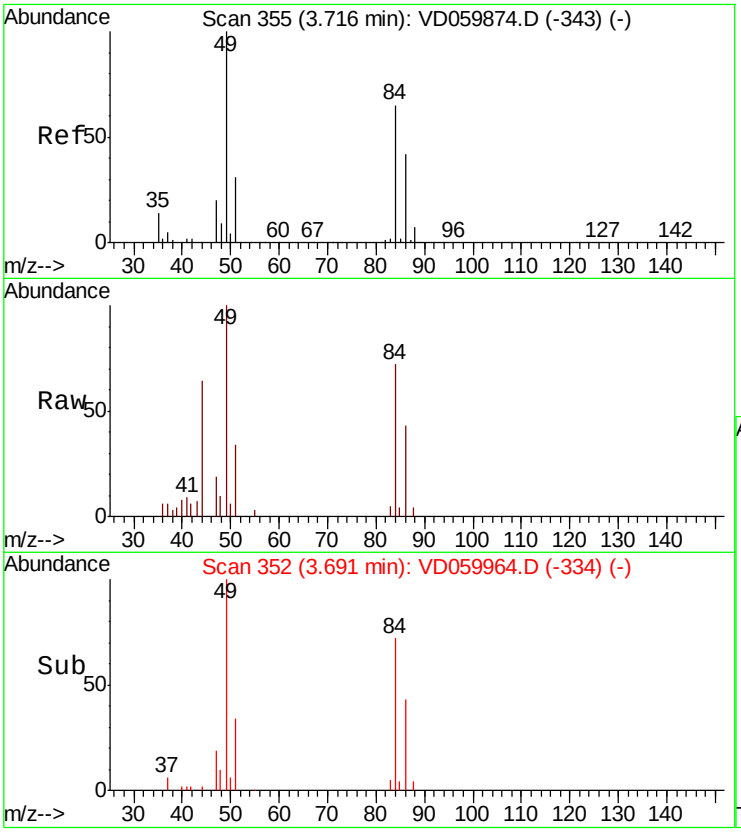


#18
Methyl Acetate
Concen: 2.29 ug/l
RT: 3.52 min Scan# 335
Delta R.T. -0.03 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Tgt Ion: 43 Resp: 1140

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.2	16.8#



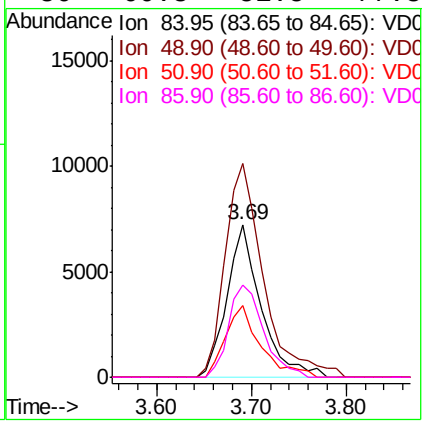


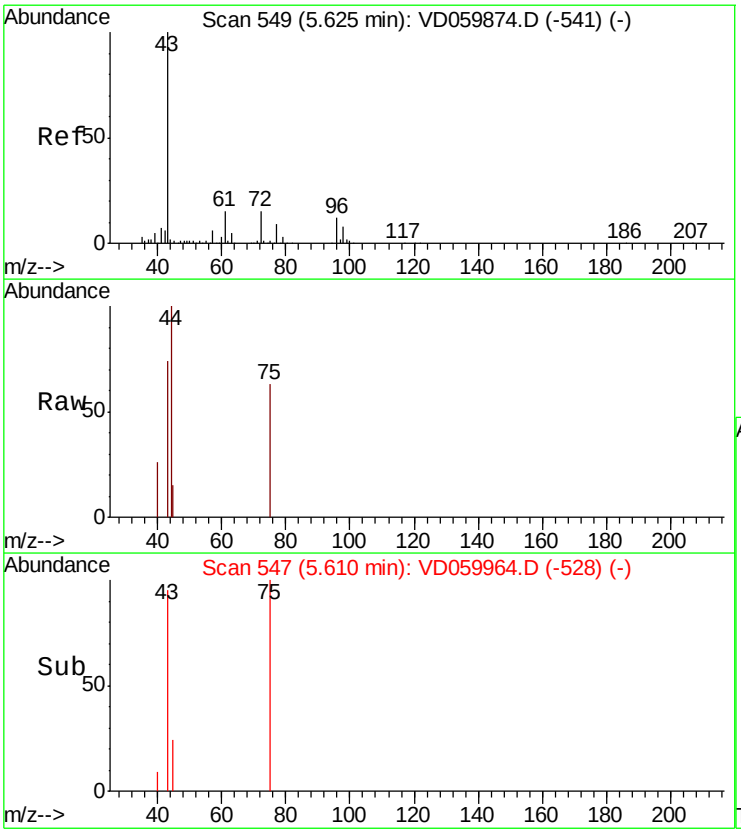
#20
Methylene Chloride
Concen: 8.26 ug/l
RT: 3.69 min Scan# 352
Delta R.T. -0.02 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Instrument : MSVOA_D
ClientSampleId : AOC2-02-A

Tgt Ion: 84 Resp: 18066

Ion	Ratio	Lower	Upper
84	100		
49	139.7	122.6	183.8
51	47.0	38.4	57.6
86	60.3	51.5	77.3

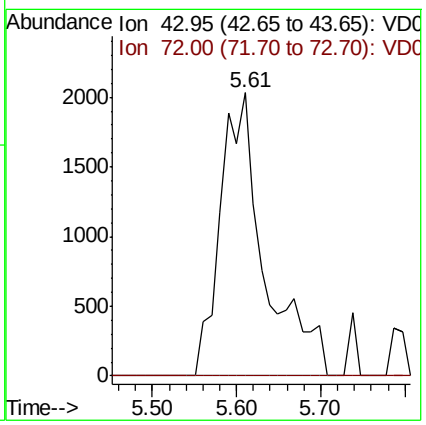


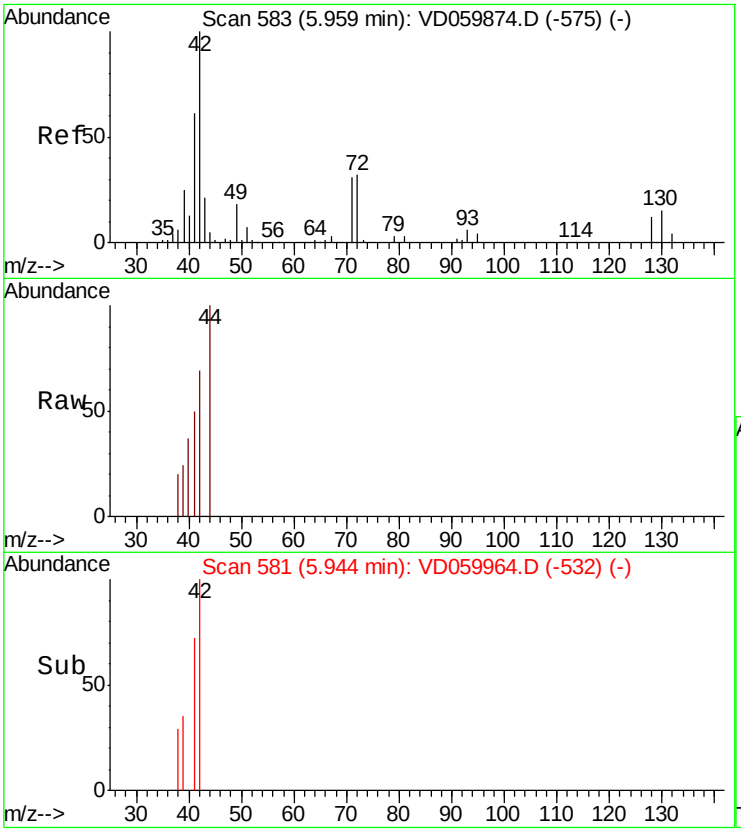


#25
2-Butanone
Concen: 10.49 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.01 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Tgt Ion: 43 Resp: 7401

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.3	18.5#



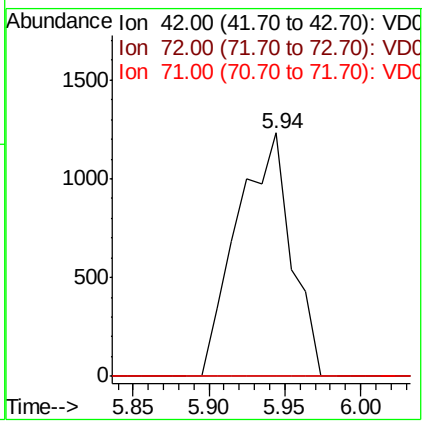


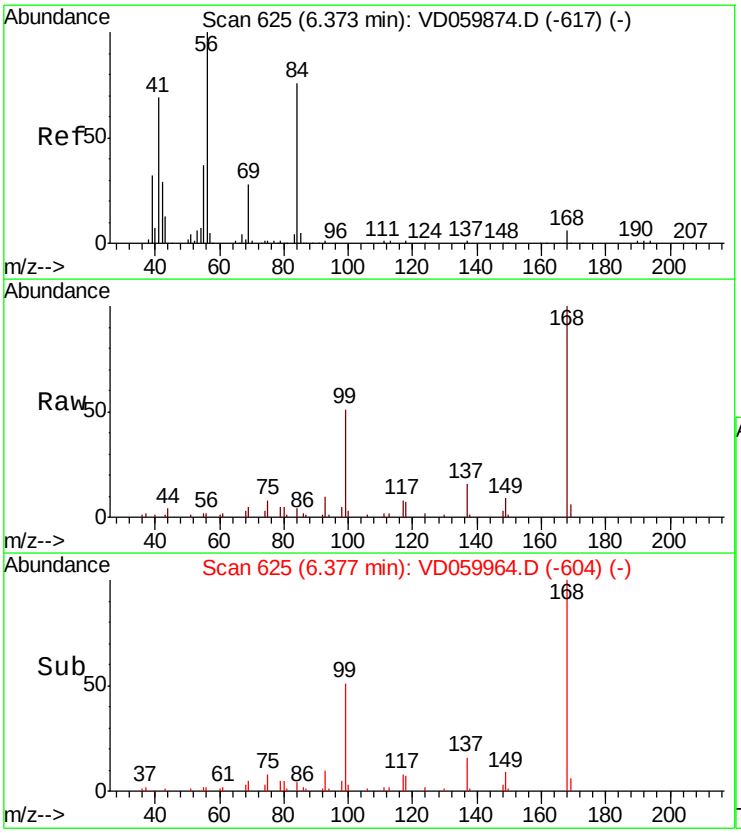
#29
Tetrahydrofuran
Concen: 9.17 ug/l
RT: 5.94 min Scan# 581
Delta R.T. -0.01 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Instrument : MSVOA_D
ClientSampleId : AOC2-02-A

Tgt Ion: 42 Resp: 3079

Ion	Ratio	Lower	Upper
42	100		
72	0.0	25.7	38.5#
71	0.0	25.3	37.9#

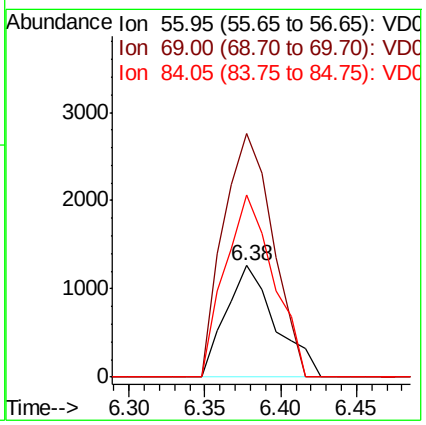


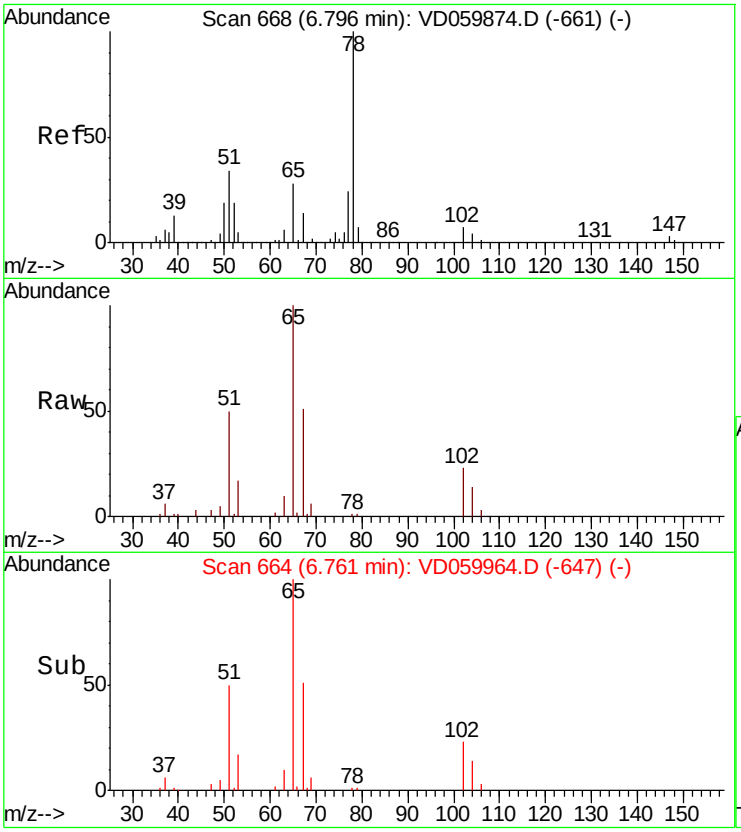


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 6.38 min Scan# 625
Delta R.T. 0.00 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Tgt Ion: 56 Resp: 2892

Ion	Ratio	Lower	Upper
56	100		
69	218.4	22.4	33.6#
84	163.4	62.1	93.1#



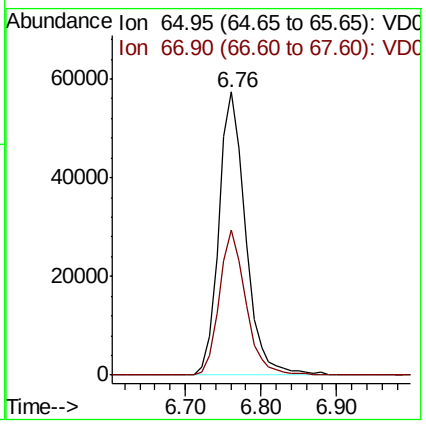


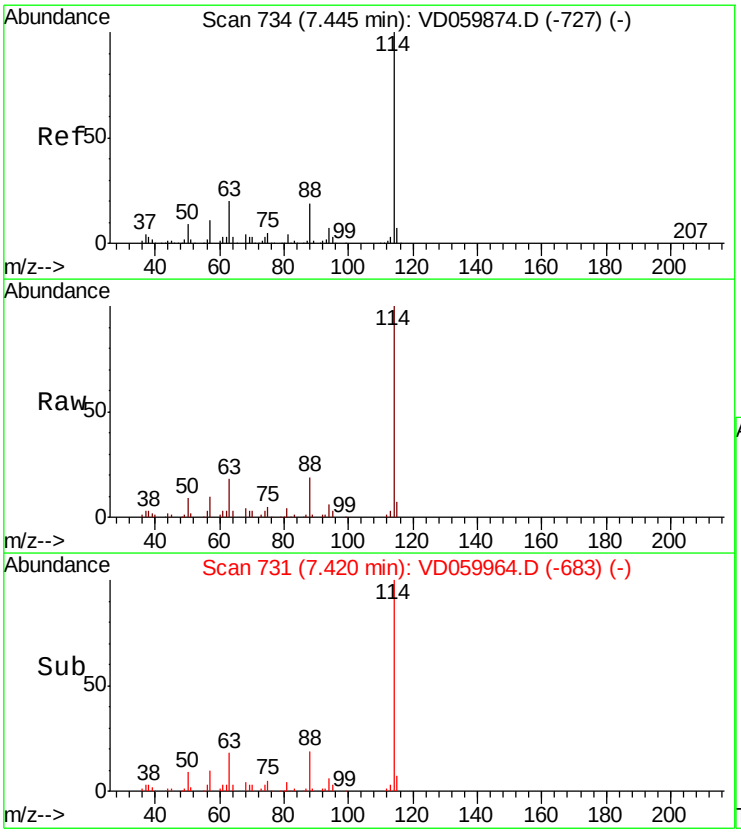
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 664
Delta R.T. -0.03 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Instrument : MSVOA_D
ClientSampleId : AOC2-02-A

Tgt Ion: 65 Resp: 140349

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.8

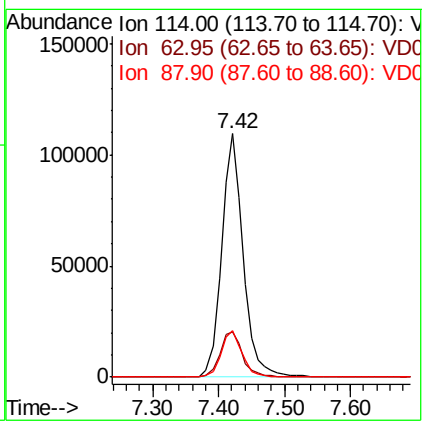


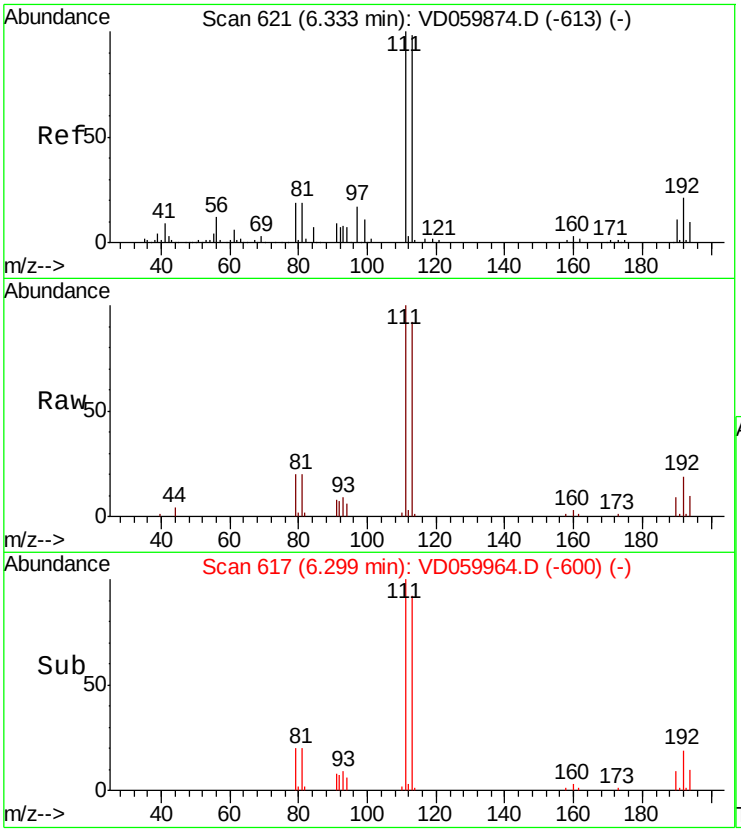


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 7.42 min Scan# 731
Delta R.T. -0.02 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Tgt Ion:114 Resp: 248709

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.4
88	19.0	0.0	37.6



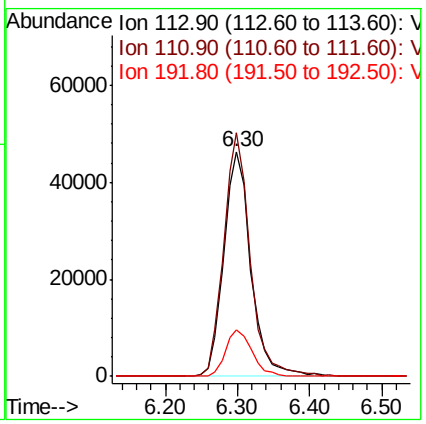


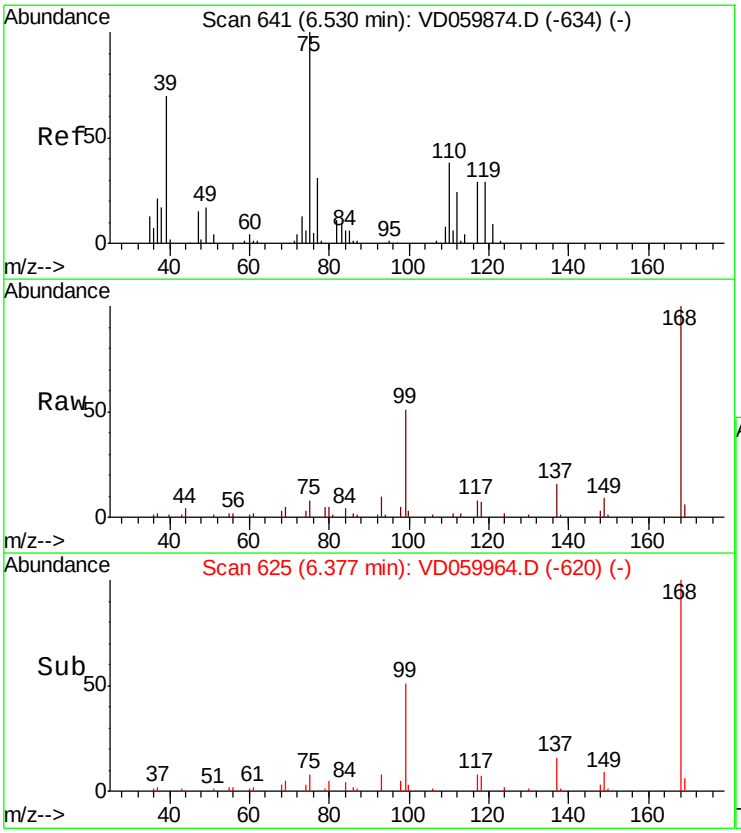
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.30 min Scan# 617
Delta R.T. -0.03 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Instrument : MSVOA_D
ClientSampleId : AOC2-02-A

Tgt Ion:113 Resp: 120815

Ion	Ratio	Lower	Upper
113	100		
111	108.2	81.4	122.2
192	20.6	17.0	25.6

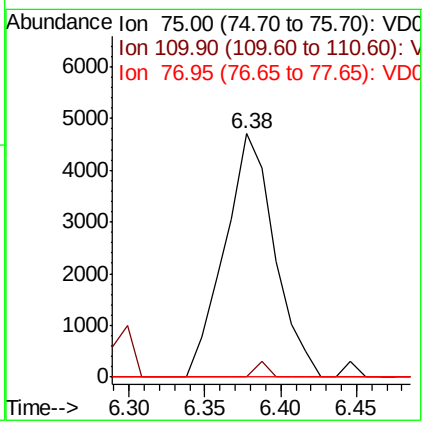


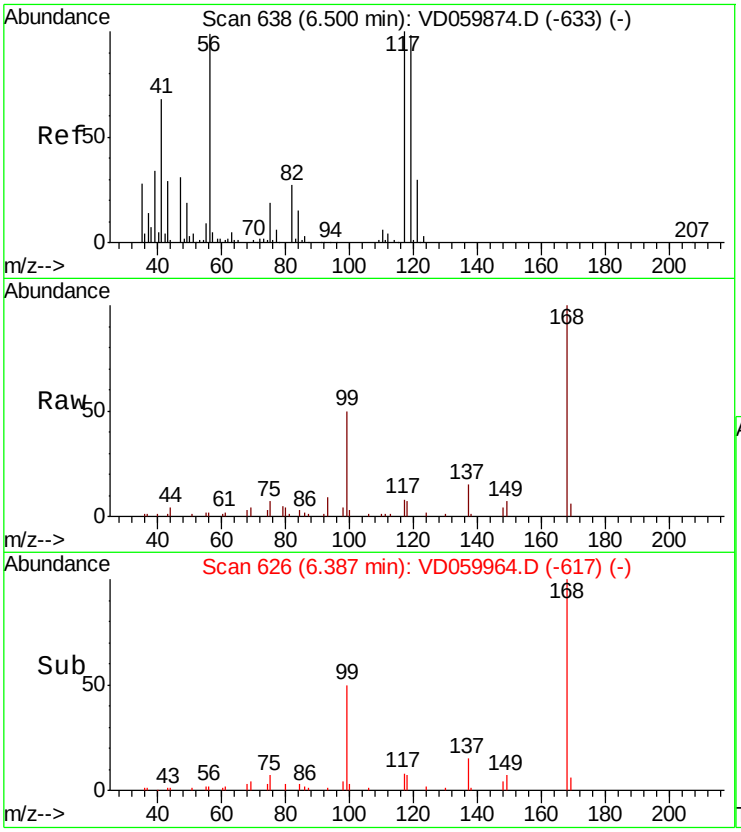


#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 6.38 min Scan# 625
Delta R.T. -0.15 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Tgt Ion: 75 Resp: 10781

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



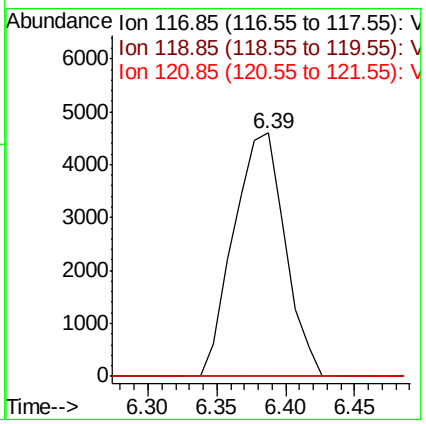


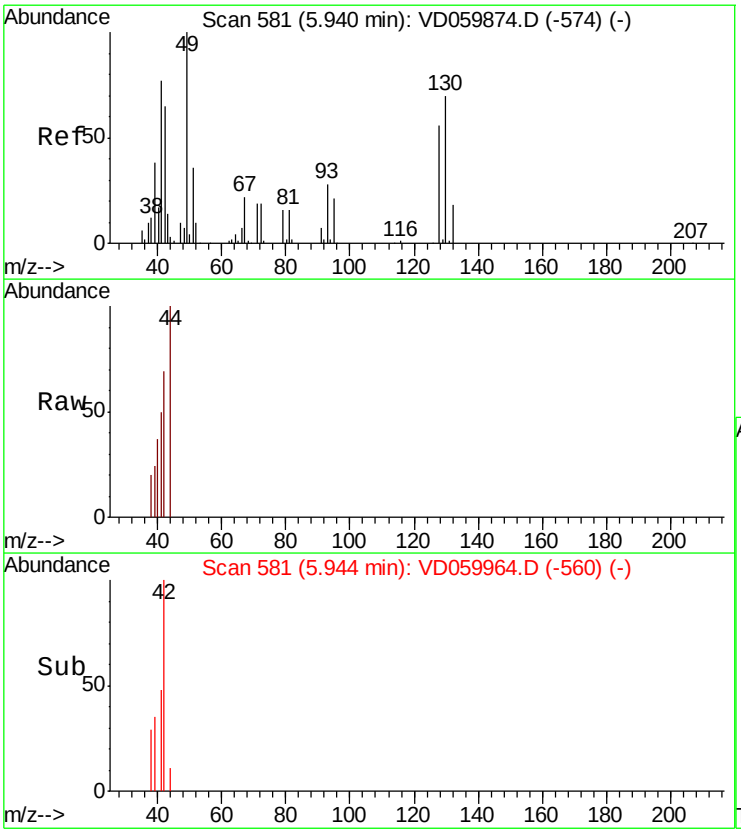
#38
Carbon Tetrachloride
Concen: 5.24 ug/l
RT: 6.39 min Scan# 626
Delta R.T. -0.11 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Instrument : MSVOA_D
ClientSampleId : AOC2-02-A

Tgt Ion:117 Resp: 11922

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

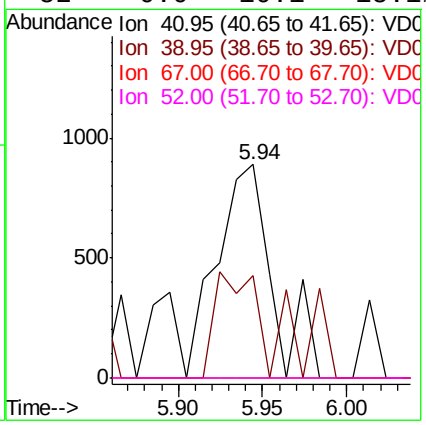


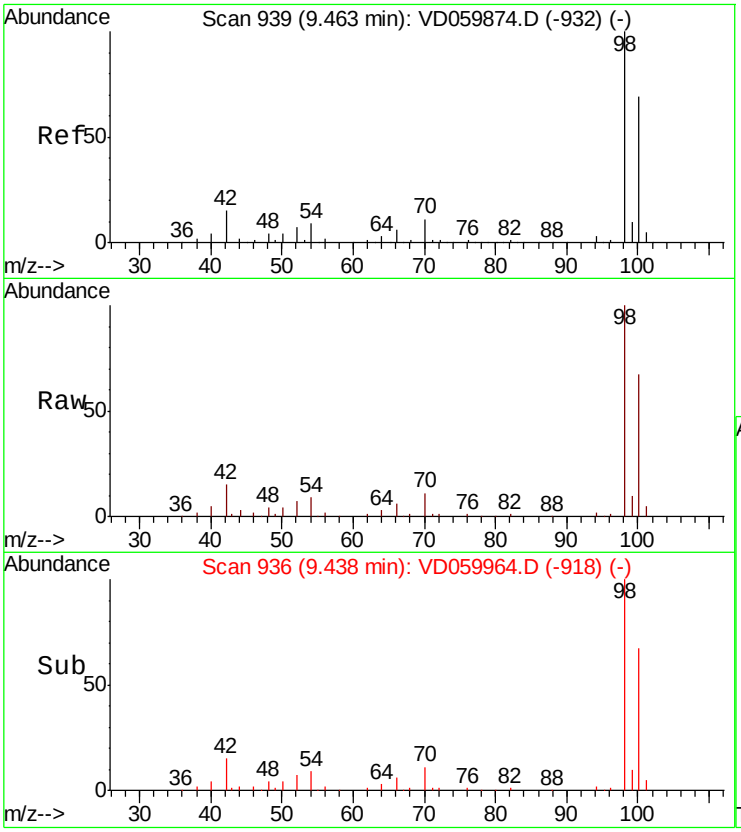


#41
Methacrylonitrile
Concen: 2.30 ug/l
RT: 5.94 min Scan# 581
Delta R.T. 0.00 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Tgt Ion: 41 Resp: 2036

Ion	Ratio	Lower	Upper
41	100		
39	48.2	39.4	59.2
67	0.0	22.2	33.2#
52	0.0	10.1	15.1#



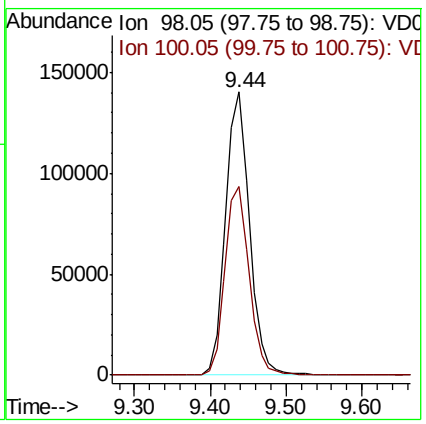


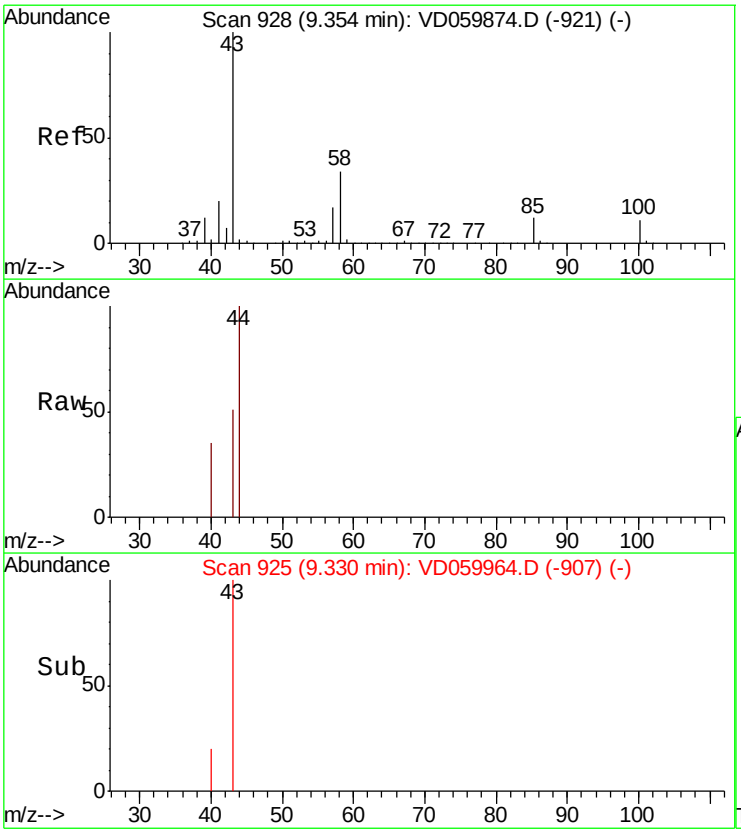
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 936
Delta R.T. -0.02 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Instrument :
MSVOA_D
ClientSampleId :
AOC2-02-A

Tgt Ion: 98 Resp: 306035

Ion	Ratio	Lower	Upper
98	100		
100	66.5	55.8	83.6

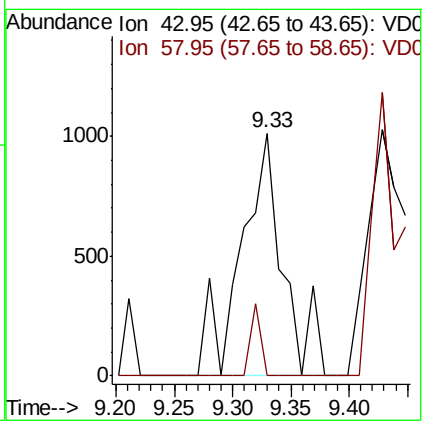


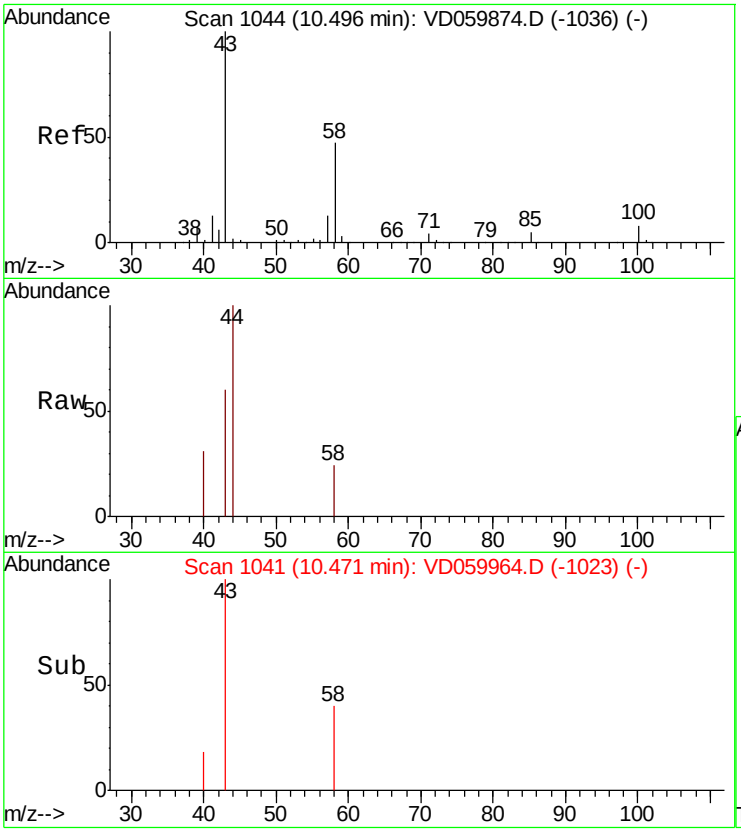


#51
4-Methyl-2-Pentanone
Concen: 1.50 ug/l
RT: 9.33 min Scan# 925
Delta R.T. -0.02 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Tgt Ion: 43 Resp: 2553

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.0	40.4#



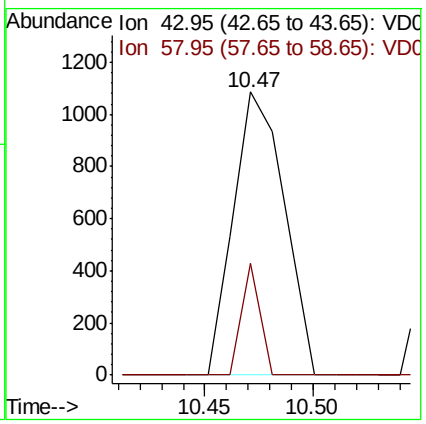


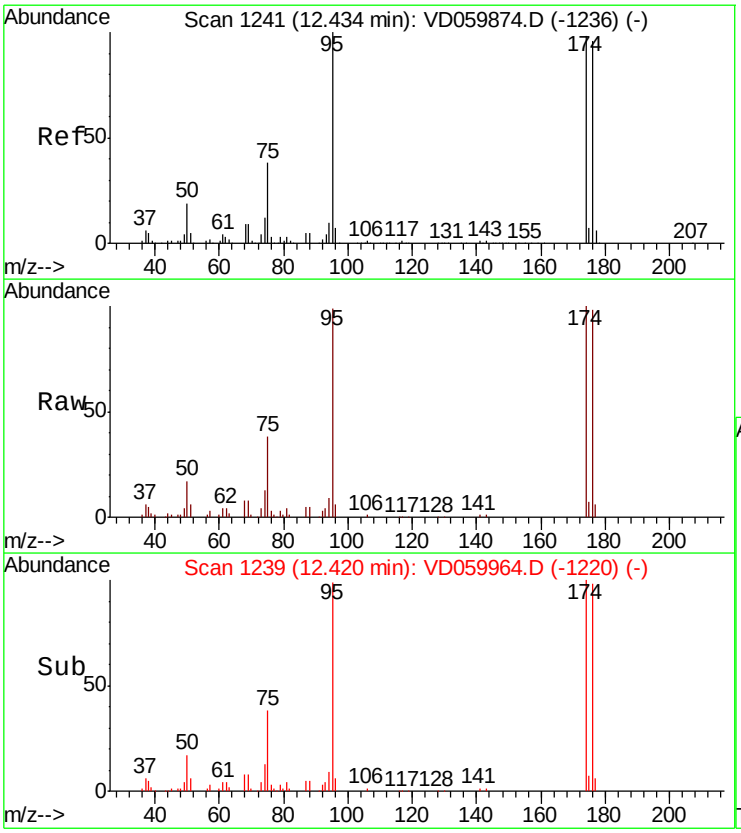
#59
2-Hexanone
Concen: 1.41 ug/l
RT: 10.47 min Scan# 1041
Delta R.T. -0.02 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Instrument : MSVOA_D
ClientSampleId : AOC2-02-A

Tgt Ion: 43 Resp: 1774

Ion	Ratio	Lower	Upper
43	100		
58	39.7	23.3	69.8

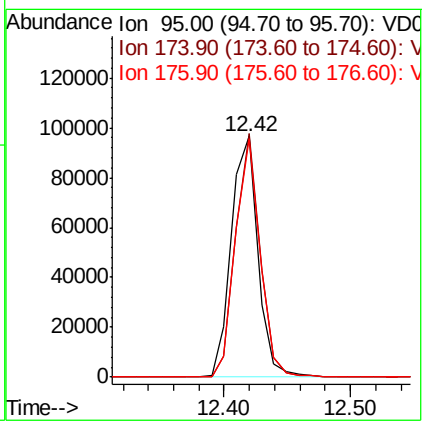


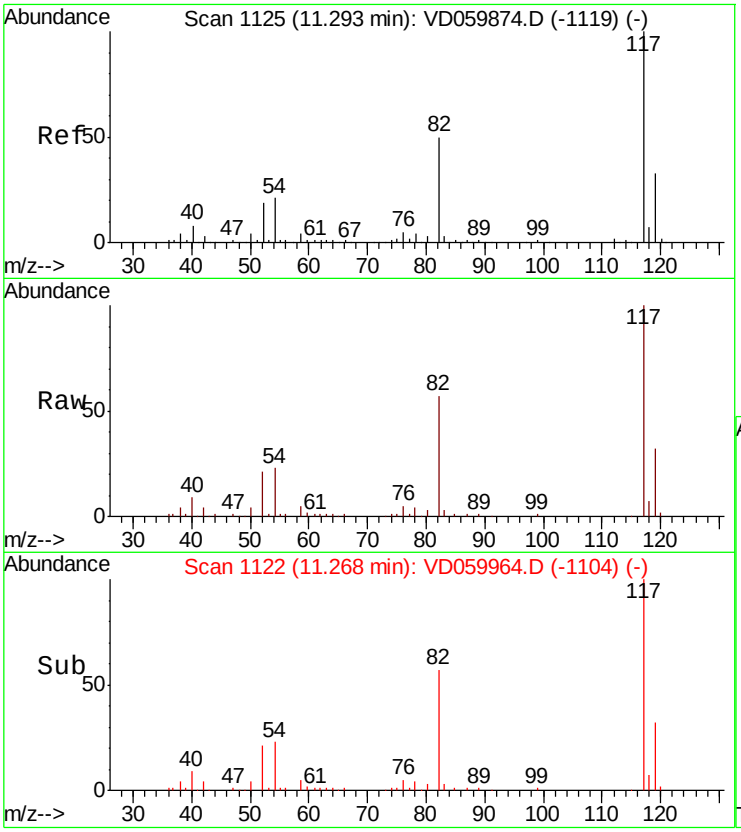


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Tgt Ion: 95 Resp: 139710

Ion	Ratio	Lower	Upper
95	100		
174	101.2	0.0	195.6
176	98.8	0.0	191.2



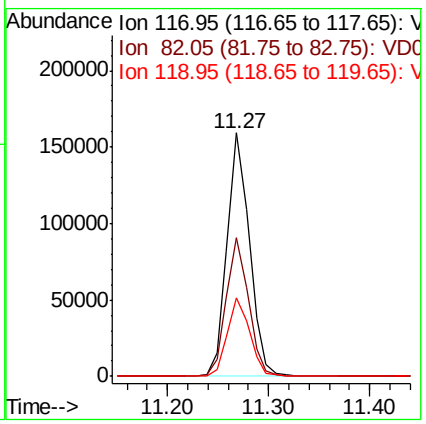


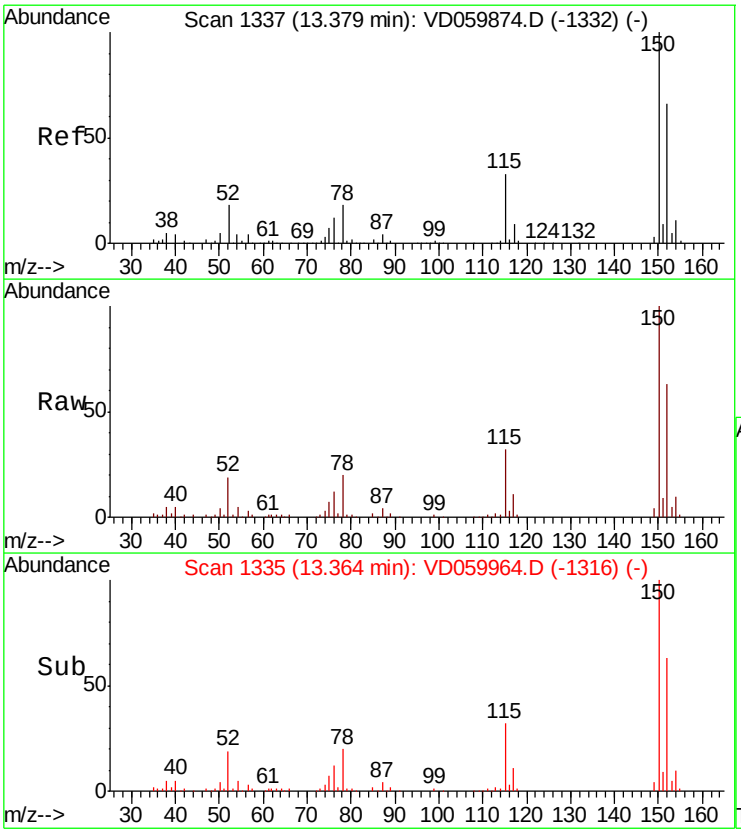
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Instrument : MSVOA_D
ClientSampleId : AOC2-02-A

Tgt Ion:117 Resp: 245482

Ion	Ratio	Lower	Upper
117	100		
82	57.0	40.1	60.1
119	32.4	26.7	40.1

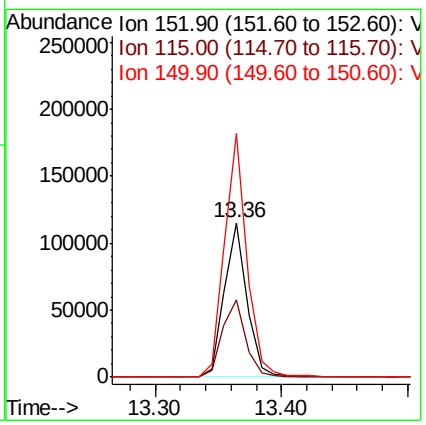


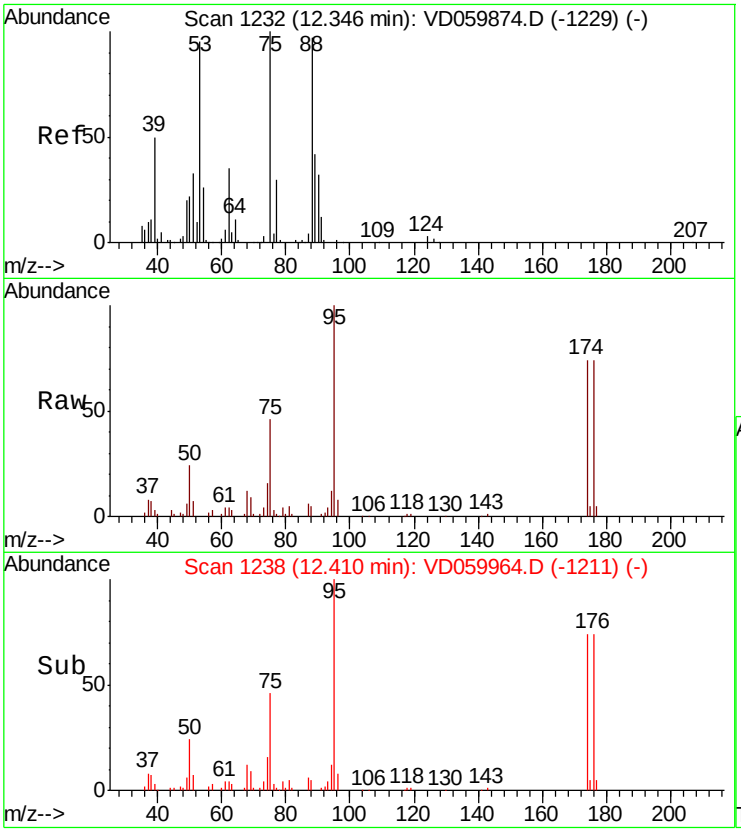


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Tgt Ion:152 Resp: 142357

Ion	Ratio	Lower	Upper
152	100		
115	50.1	25.7	77.0
150	157.9	0.0	310.2



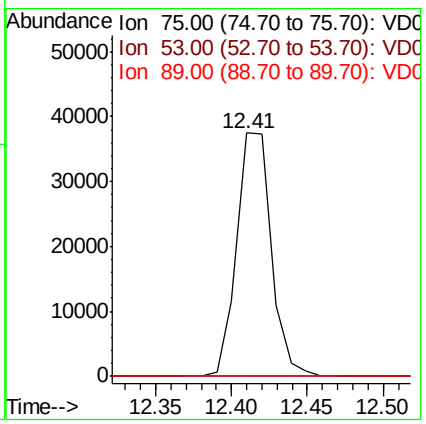


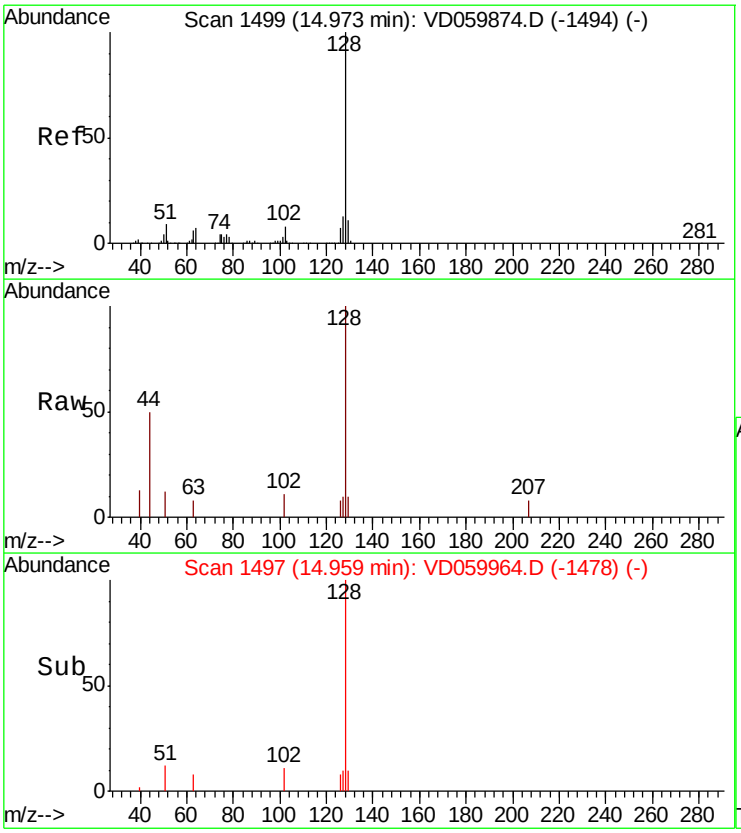
#81
trans-1,4-Dichloro-2-butene
Concen: 86.41 ug/l
RT: 12.41 min Scan# 1238
Delta R.T. 0.06 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Instrument :
MSVOA_D
ClientSampleId :
AOC2-02-A

Tgt Ion: 75 Resp: 59471

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





#95
Naphthalene
Concen: 1.05 ug/l
RT: 14.96 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VD059964.D
Acq: 5 Sep 2018 12:48

Tgt Ion:128 Resp: 5255

Ion	Ratio	Lower	Upper
128	100		
127	9.7	10.0	15.0#
129	9.6	8.6	13.0