Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD032818\
Data File : VD057006.D
Acq On : 28 Mar 2018 17:13
Operator : JC/SY
Sample : J2075-01
Misc : 10.23g/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-107(4-5)

Quant Time: Mar 29 05:52:58 2018
Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D031518S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 13:41:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	29690	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.30	114	60265	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.48	117	49775	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.84	152	21414	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.58	65	31848	96.16	ug/l	-0.03
Spiked Amount 50.000			Recovery = 192.32%			
35) Dibromofluoromethane	6.07	113	27668	64.65	ug/l	-0.03
Spiked Amount 50.000			Recovery = 129.30%			
50) Toluene-d8	9.49	98	59063	44.86	ug/l	-0.03
Spiked Amount 50.000			Recovery = 89.72%			
62) 4-Bromofluorobenzene	12.77	95	28300	49.15	ug/l	-0.02
Spiked Amount 50.000			Recovery = 98.30%			
Target Compounds						Qvalue
5) Bromomethane	1.92	94	259	2.25	ug/l #	4
6) Chloroethane	2.09	64	207	2.14	ug/l #	42
8) Diethyl Ether	2.41	74	197	3.31	ug/l	64
9) 1,1,2-Trichlorotrifluoroet	2.72	101	199	1.14	ug/l #	18
12) 1,1-Dichloroethene	2.62	96	208	1.47	ug/l #	1
13) Acrolein	2.63	56	732	75.29	ug/l	98
14) Allyl chloride	3.23	41	876	2.91	ug/l #	62
16) Acetone	2.85	43	6092	120.23	ug/l #	61
18) Methyl Acetate	3.23	43	519	4.53	ug/l #	57
20) Methylene Chloride	3.38	84	2170	11.22	ug/l #	79
25) 2-Butanone	5.33	43	493	4.21	ug/l #	56
29) Tetrahydrofuran	5.69	42	186	2.83	ug/l #	37
31) Cyclohexane	5.98	56	285	Below Cal	#	21
36) 1,1-Dichloropropene	6.17	75	3142	4.77	ug/l #	44
37) Ethyl Acetate	5.40	43	200	2.11	ug/l #	70
38) Carbon Tetrachloride	6.16	117	2886	5.10	ug/l #	11
41) Methacrylonitrile	5.66	41	213	1.21	ug/l #	28
59) 2-Hexanone	10.57	43	251	1.04	ug/l #	27
74) N-amyl acetate	12.39	43	647	1.05	ug/l #	47
81) trans-1,4-Dichloro-2-buten	12.77	75	13639	116.36	ug/l #	18
95) Naphthalene	15.71	128	1276	1.69	ug/l #	71

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

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SB-107(4-5)

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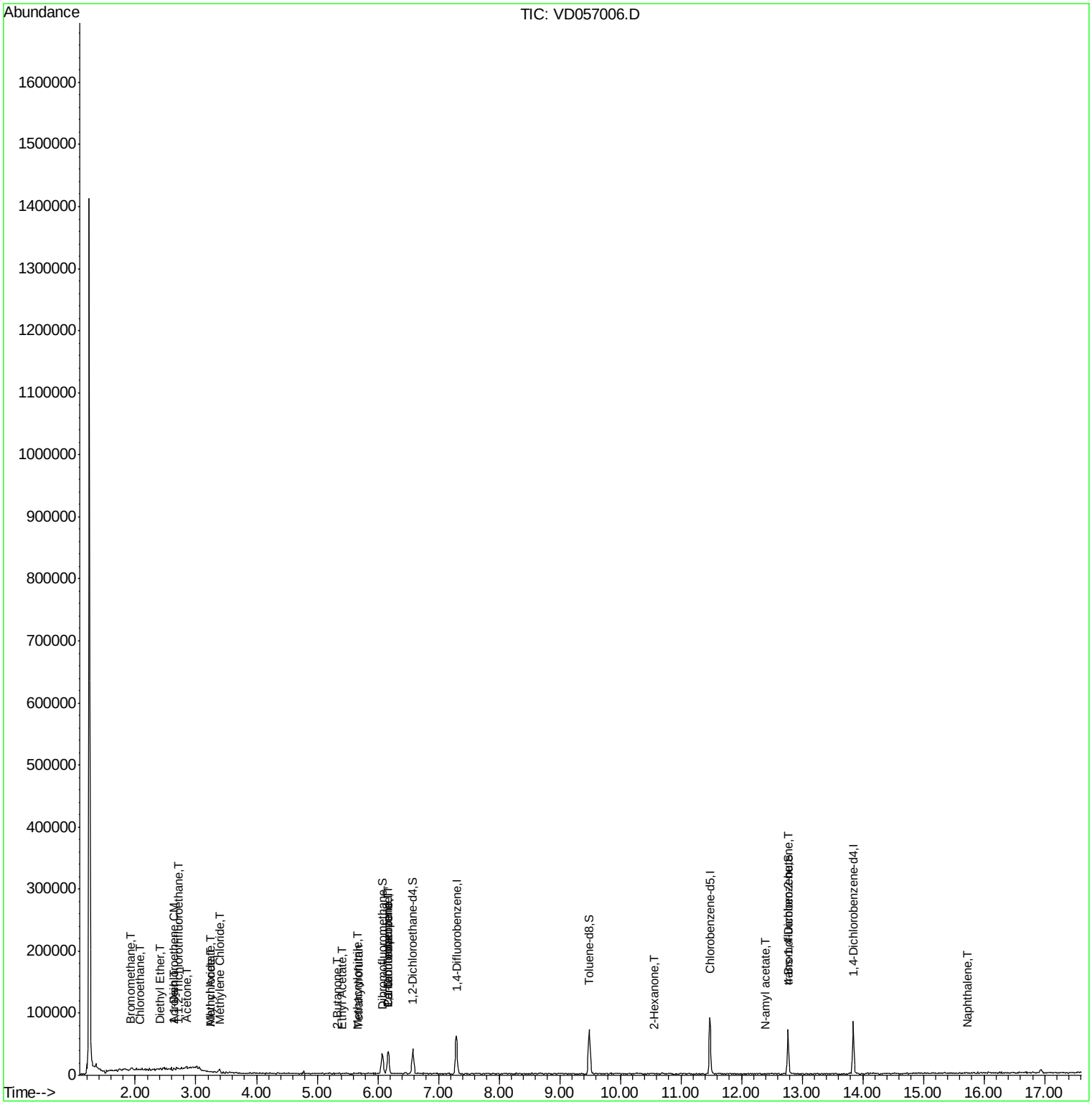
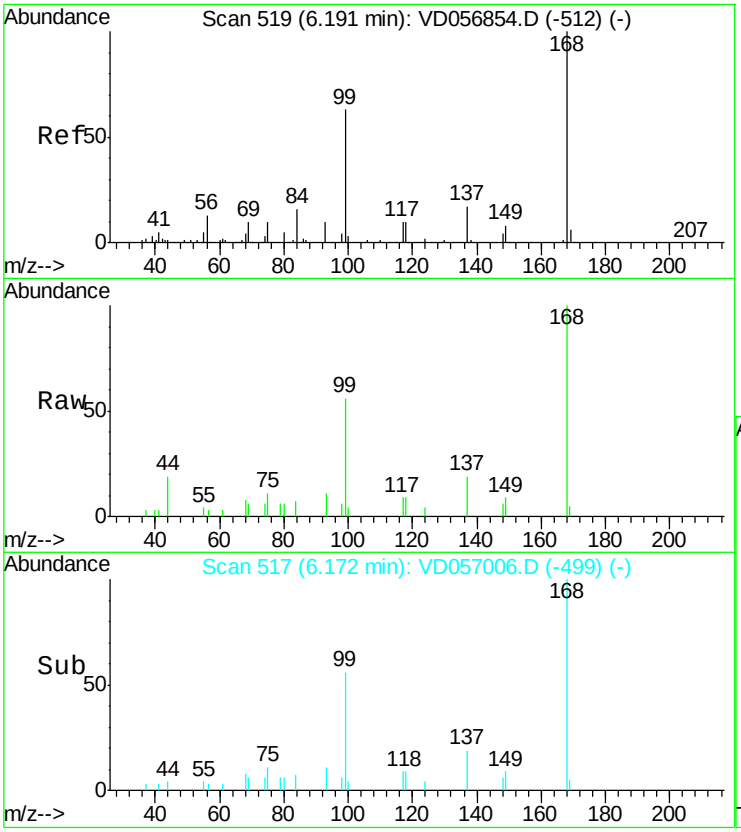


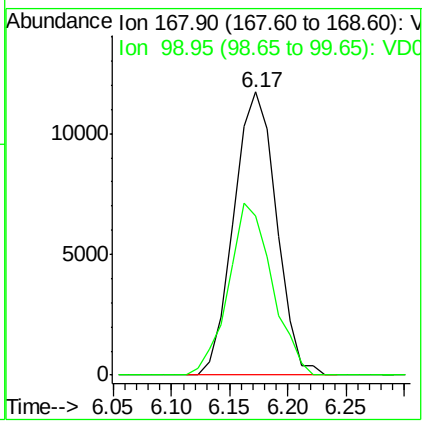


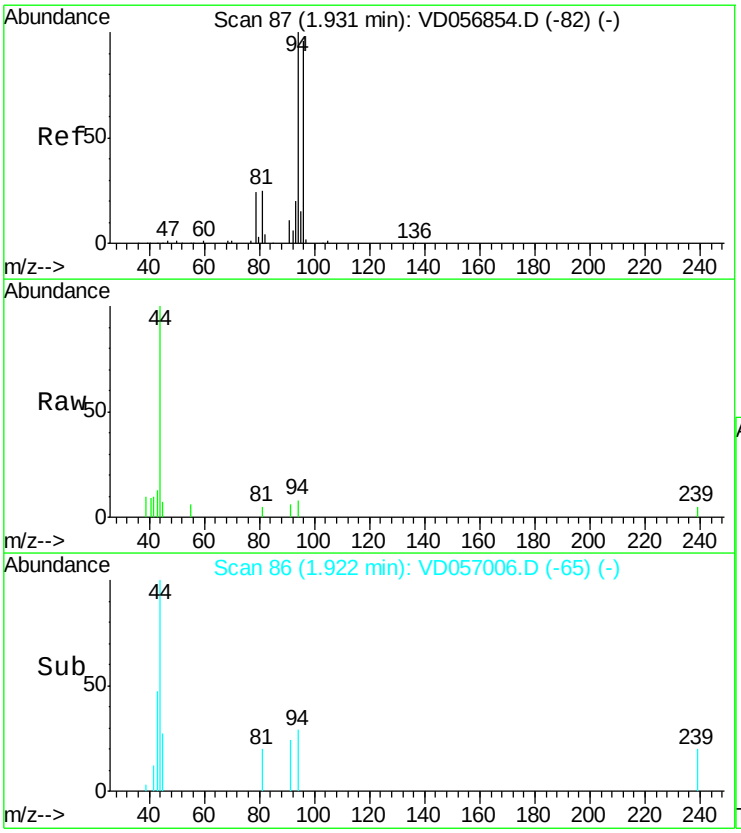
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.17 min Scan# 517
Delta R.T. -0.03 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
SB-107(4-5)

Tgt Ion:168 Resp: 29690

Ion	Ratio	Lower	Upper
168	100		
99	56.1	47.0	70.4

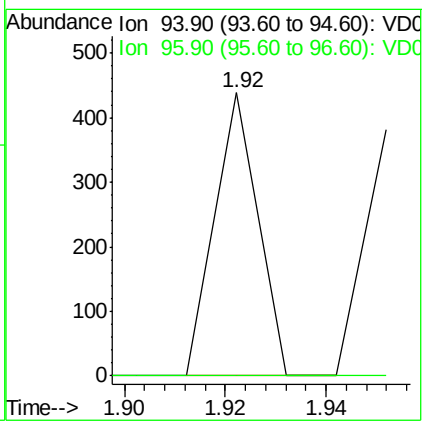


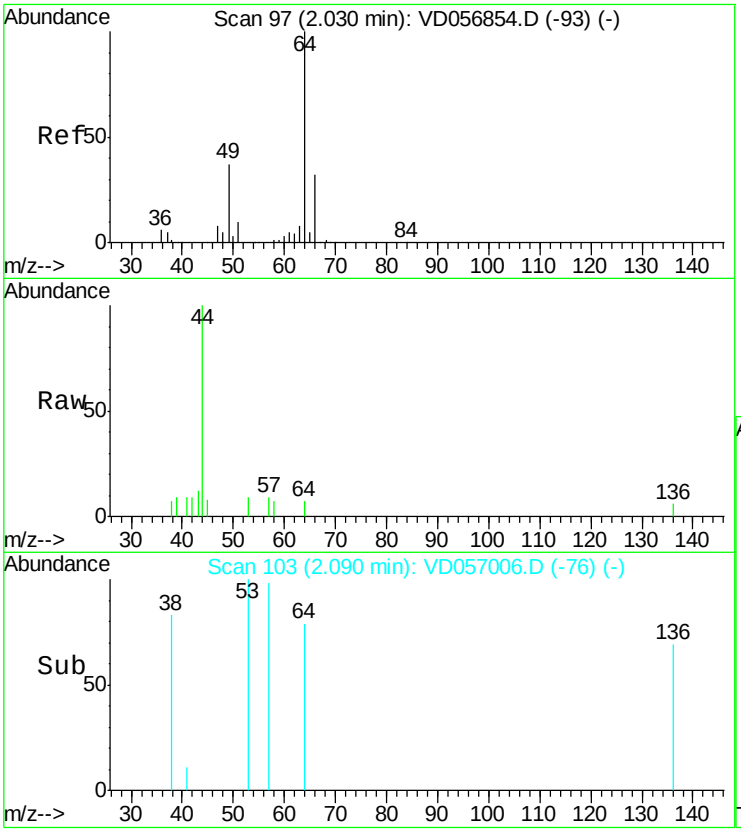


#5
Bromomethane
Concen: 2.25 ug/l
RT: 1.92 min Scan# 86
Delta R.T. 0.00 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Tgt Ion: 94 Resp: 259

Ion	Ratio	Lower	Upper
94	100		
96	0.0	72.2	108.2#



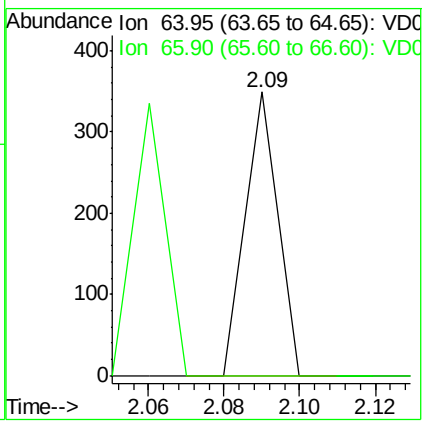


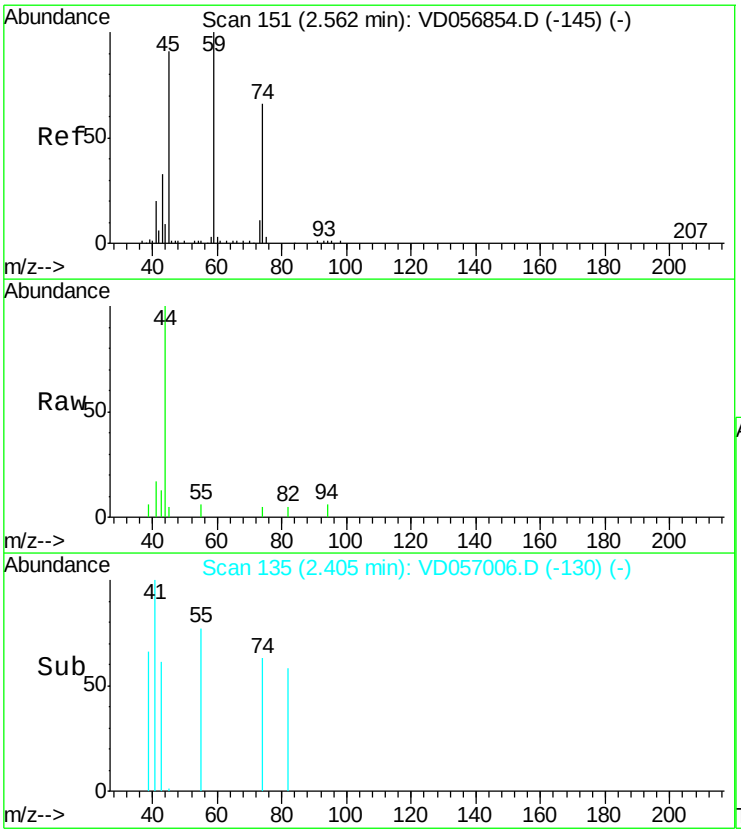
#6
Chloroethane
Concen: 2.14 ug/l
RT: 2.09 min Scan# 103
Delta R.T. 0.06 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
SB-107(4-5)

Tgt Ion: 64 Resp: 207

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.1	39.1#

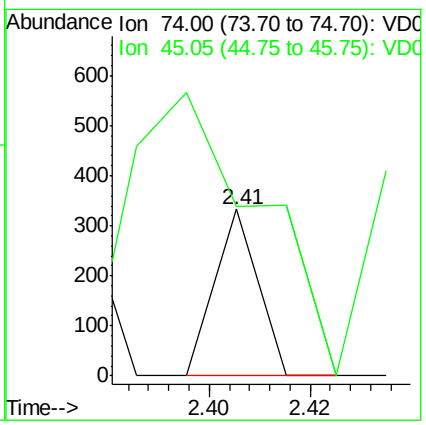


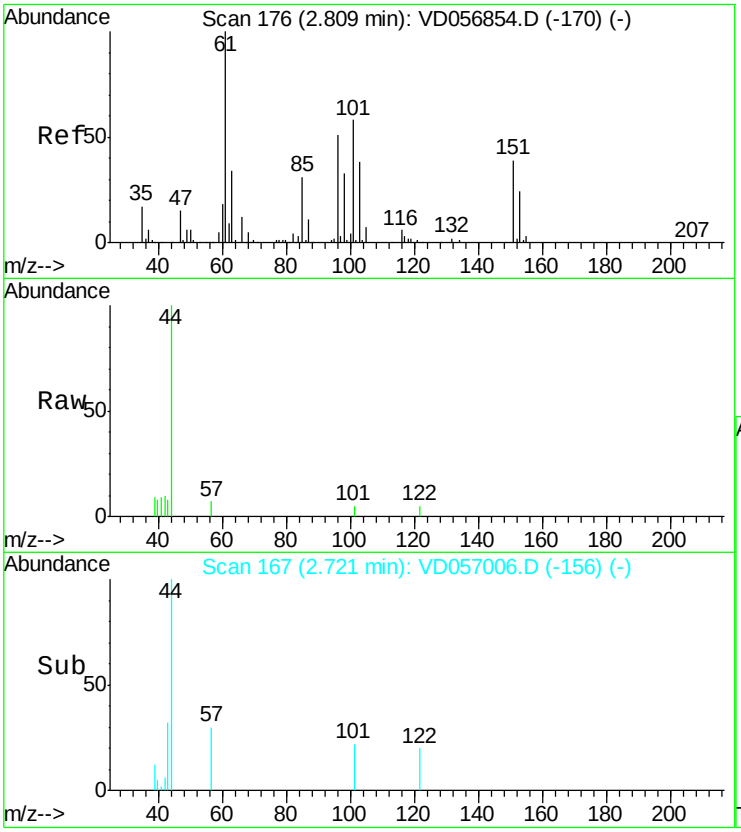


#8
Diethyl Ether
Concen: 3.31 ug/l
RT: 2.41 min Scan# 135
Delta R.T. -0.15 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Tgt Ion: 74 Resp: 197

Ion	Ratio	Lower	Upper
74	100		
45	101.5	72.9	218.7



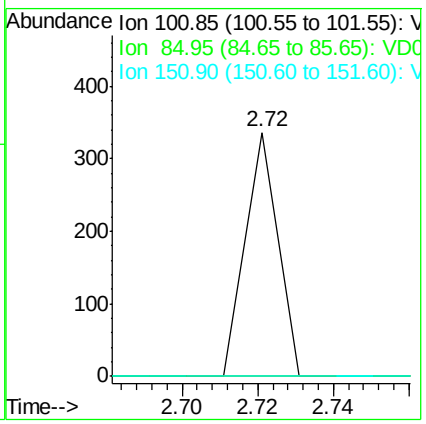


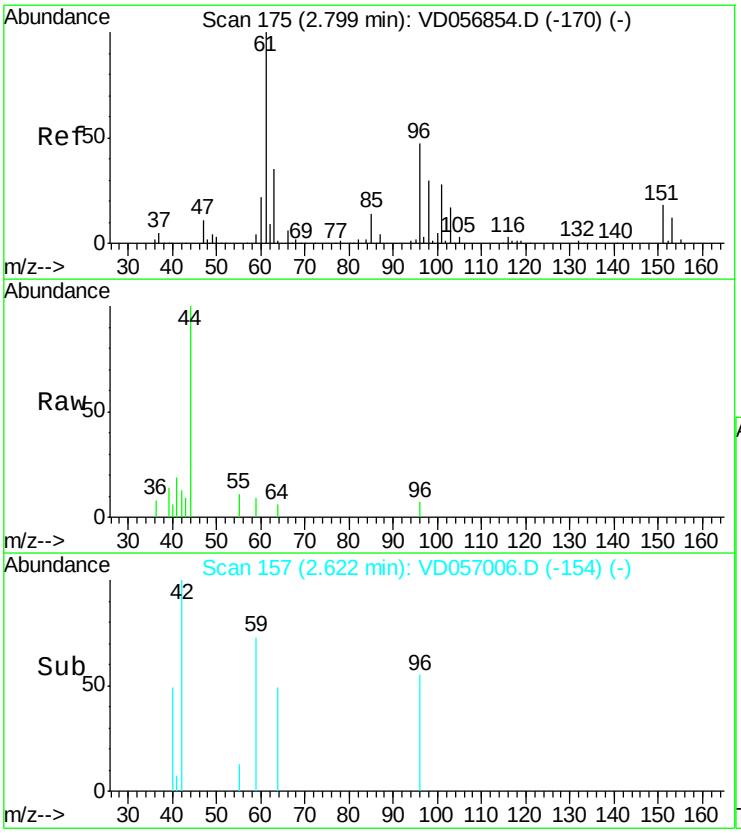
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.14 ug/l
RT: 2.72 min Scan# 167
Delta R.T. -0.09 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
SB-107(4-5)

Tgt Ion:101 Resp: 199

Ion	Ratio	Lower	Upper
101	100		
85	0.0	42.3	63.5#
151	0.0	58.5	87.7#

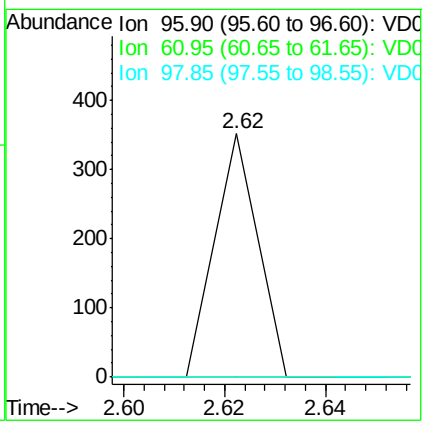


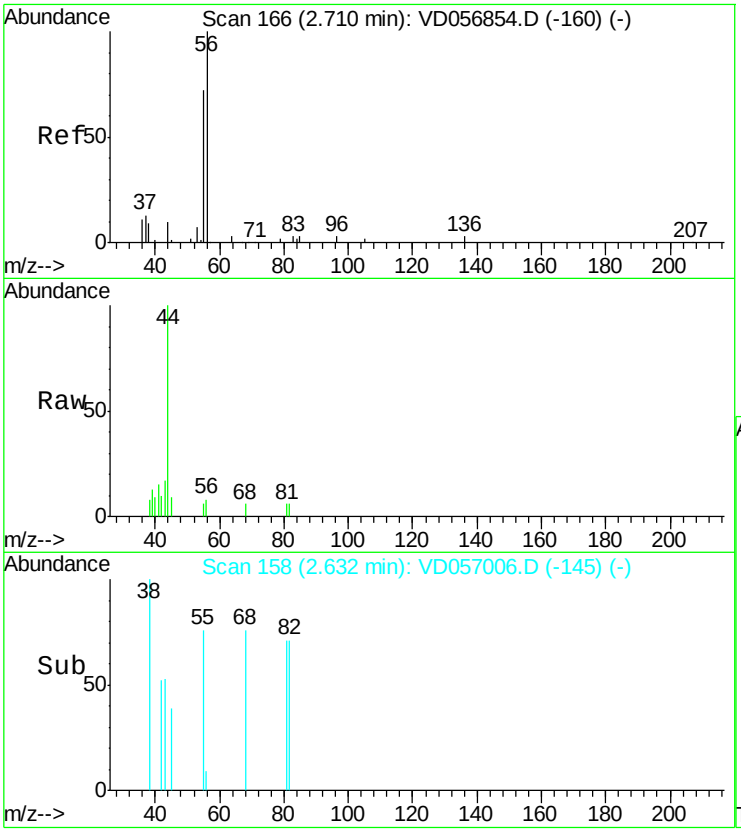


#12
1,1-Dichloroethene
Concen: 1.47 ug/l
RT: 2.62 min Scan# 157
Delta R.T. -0.17 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Tgt Ion: 96 Resp: 208

Ion	Ratio	Lower	Upper
96	100		
61	0.0	172.2	258.4#
98	0.0	49.4	74.0#



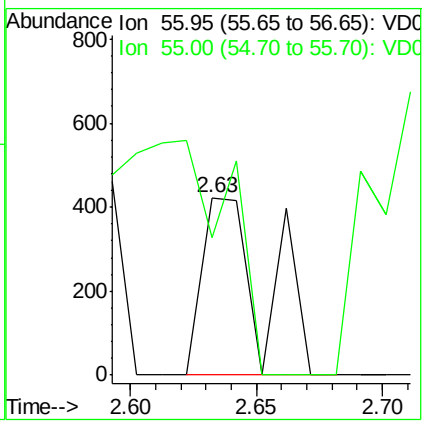


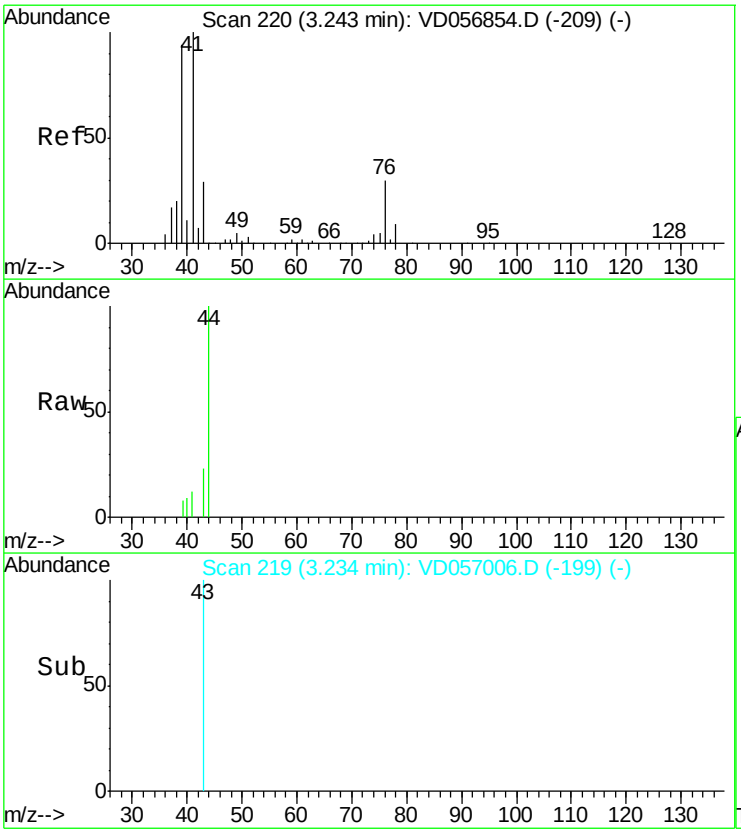
#13
Acrolein
Concen: 75.29 ug/l
RT: 2.63 min Scan# 158
Delta R.T. -0.07 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
SB-107(4-5)

Tgt Ion: 56 Resp: 732

Ion	Ratio	Lower	Upper
56	100		
55	77.5	63.2	94.8

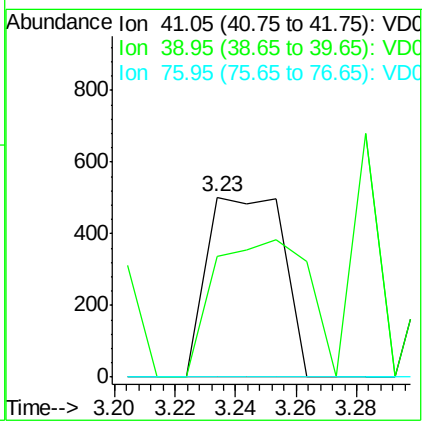


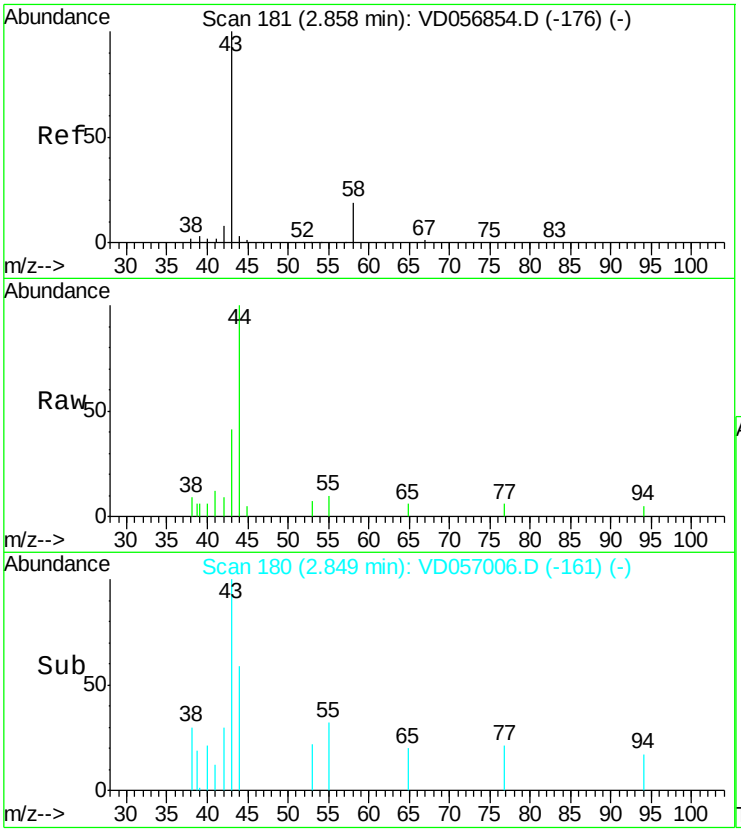


#14
Allyl chloride
Concen: 2.91 ug/l
RT: 3.23 min Scan# 219
Delta R.T. -0.01 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Tgt Ion: 41 Resp: 876

Ion	Ratio	Lower	Upper
41	100		
39	67.1	81.0	121.6#
76	0.0	22.9	34.3#



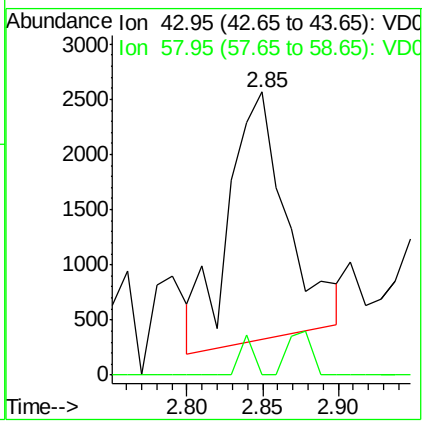


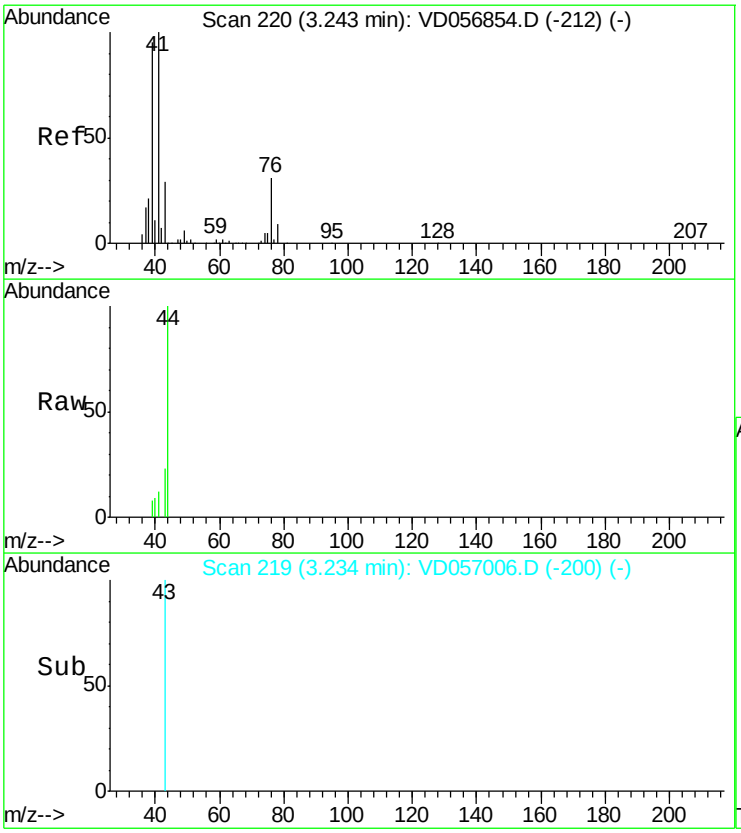
#16
Acetone
Concen: 120.23 ug/l
RT: 2.85 min Scan# 180
Delta R.T. -0.02 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
SB-107(4-5)

Tgt Ion: 43 Resp: 6092

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.6	20.4#

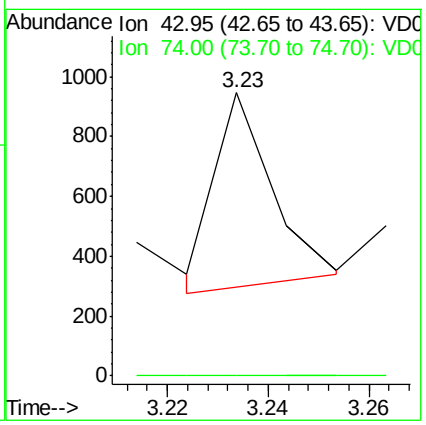


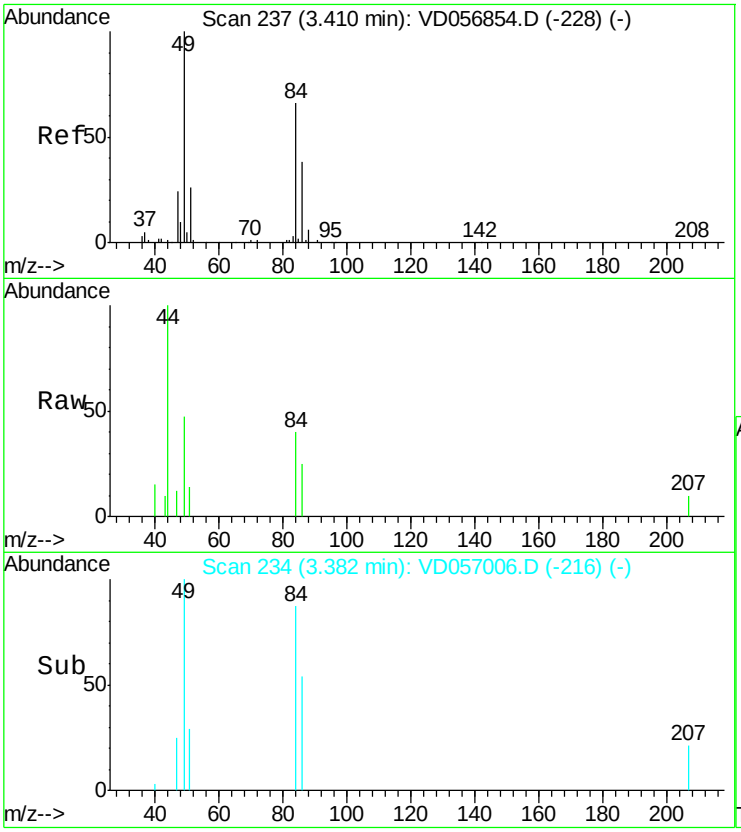


#18
Methyl Acetate
Concen: 4.53 ug/l
RT: 3.23 min Scan# 219
Delta R.T. -0.02 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Tgt Ion: 43 Resp: 519

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.6	23.4#



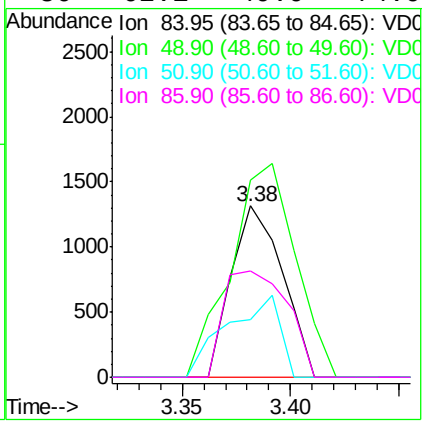


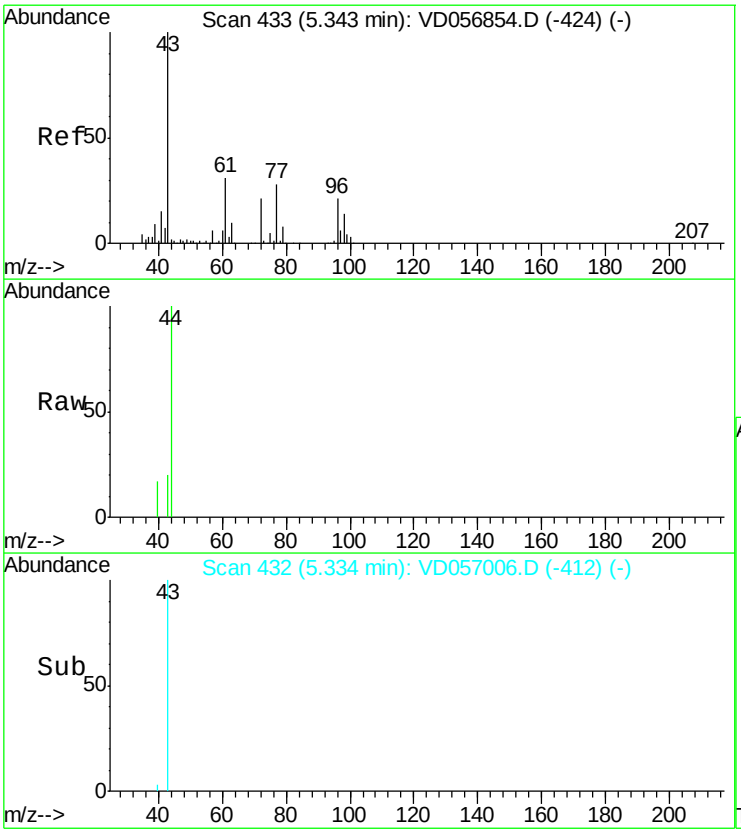
#20
Methylene Chloride
Concen: 11.22 ug/l
RT: 3.38 min Scan# 234
Delta R.T. -0.03 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
SB-107(4-5)

Tgt Ion: 84 Resp: 2170

Ion	Ratio	Lower	Upper
84	100		
49	115.2	124.5	186.7#
51	33.4	35.1	52.7#
86	62.1	49.9	74.9

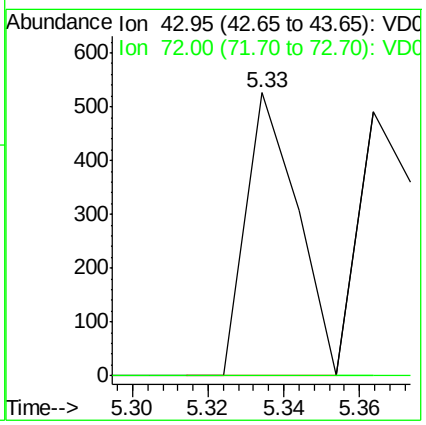


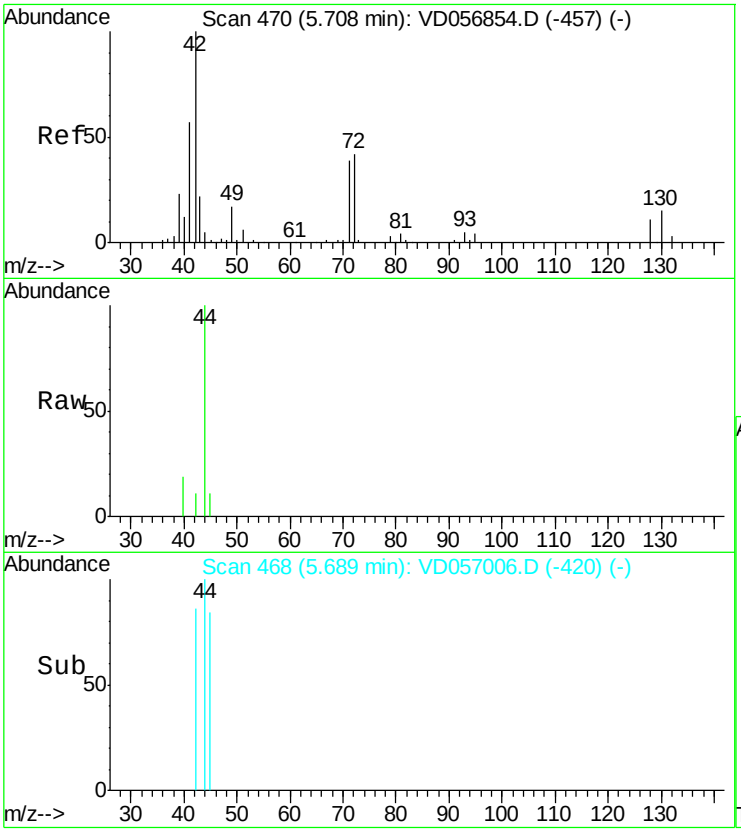


#25
2-Butanone
Concen: 4.21 ug/l
RT: 5.33 min Scan# 432
Delta R.T. -0.01 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Tgt Ion: 43 Resp: 493

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.6	24.8#



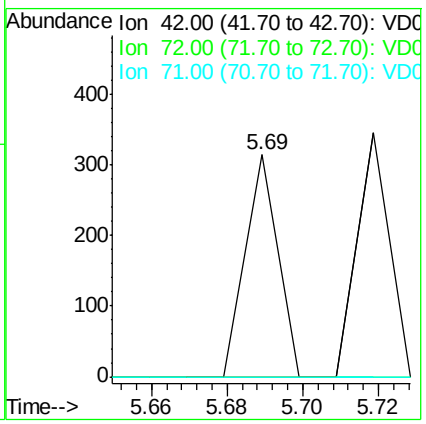


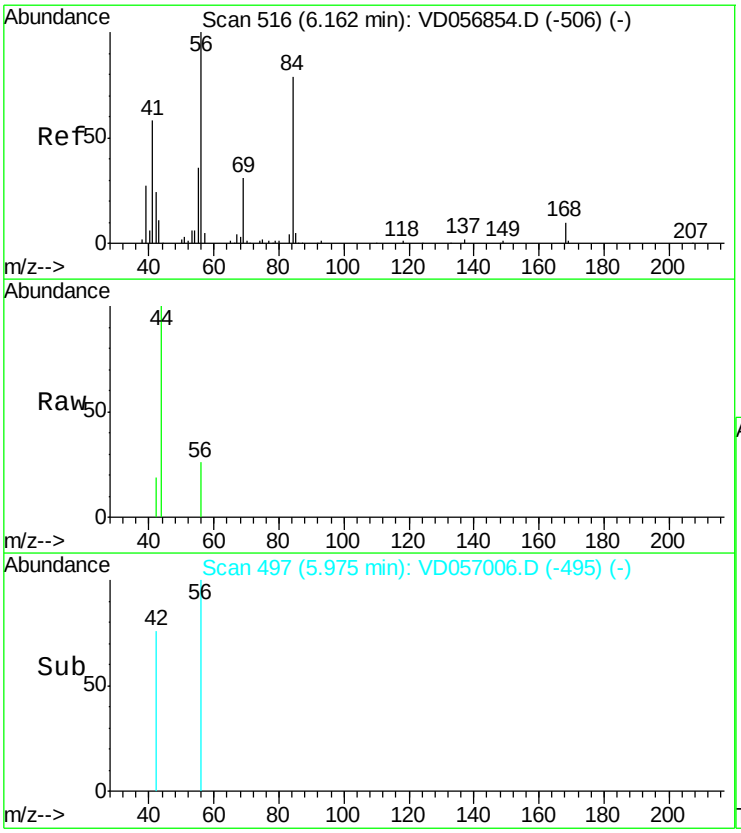
#29
Tetrahydrofuran
Concen: 2.83 ug/l
RT: 5.69 min Scan# 468
Delta R.T. -0.03 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
SB-107(4-5)

Tgt Ion: 42 Resp: 186

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.9	46.3#
71	0.0	30.4	45.6#

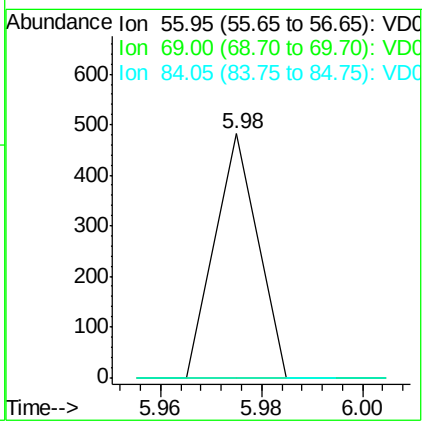


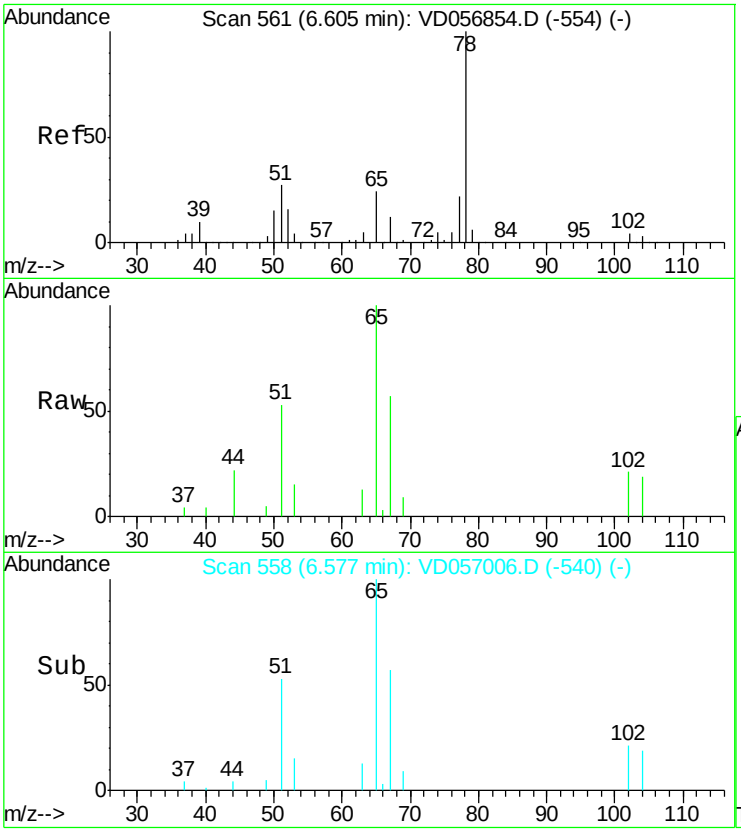


#31
Cyclohexane
Concen: Below Cal
RT: 5.98 min Scan# 497
Delta R.T. -0.18 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Tgt Ion: 56 Resp: 285

Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.1	34.7#
84	0.0	60.2	90.2#



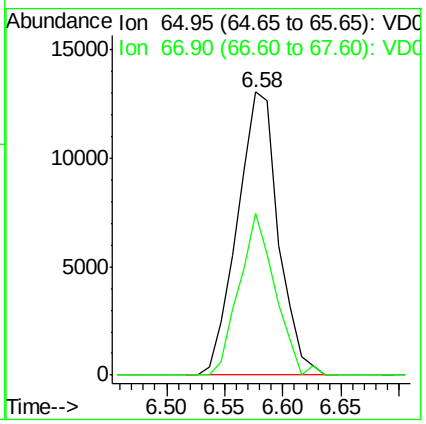


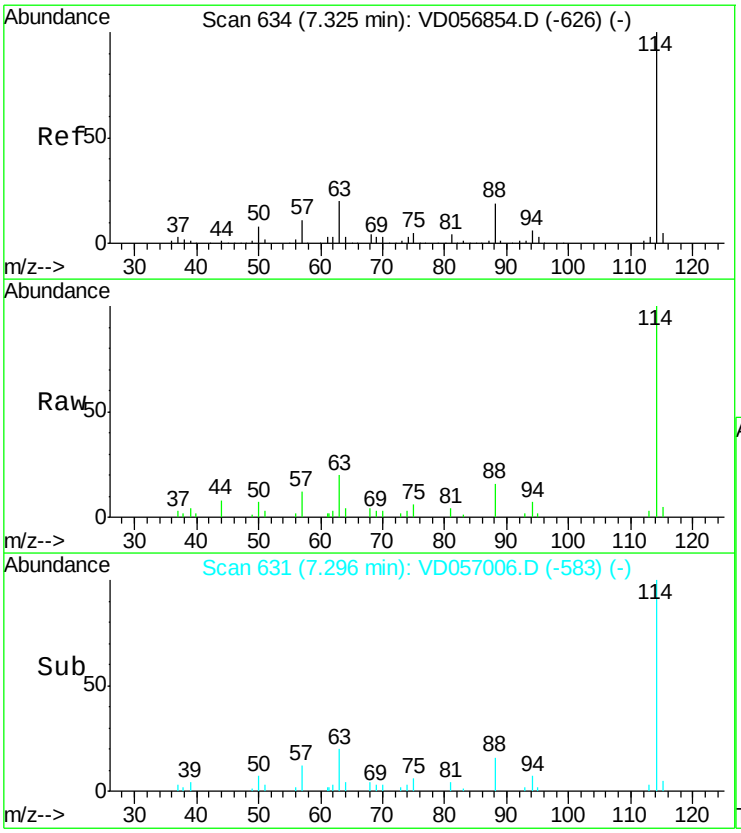
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.58 min Scan# 558
Delta R.T. -0.03 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument : MSVOA_X
ClientSampleId : SB-107(4-5)

Tgt Ion: 65 Resp: 31848

Ion	Ratio	Lower	Upper
65	100		
67	57.3	0.0	104.4

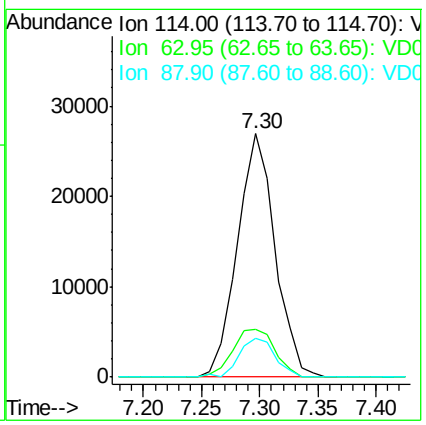


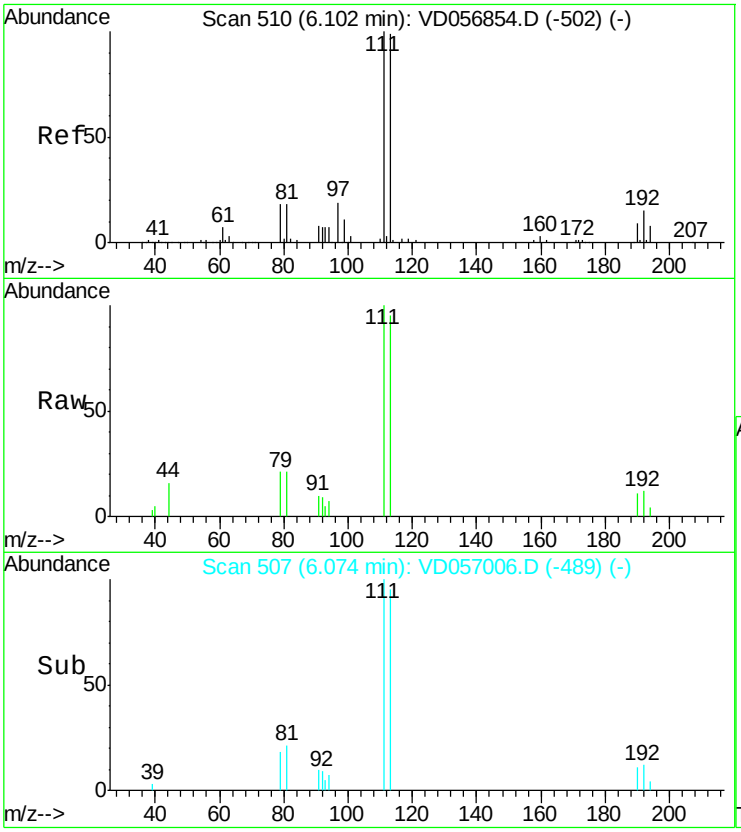


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 7.30 min Scan# 631
Delta R.T. -0.03 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Tgt Ion:114 Resp: 60265

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.6
88	15.7	0.0	35.2



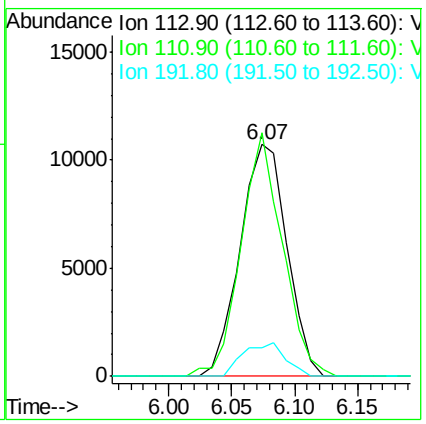


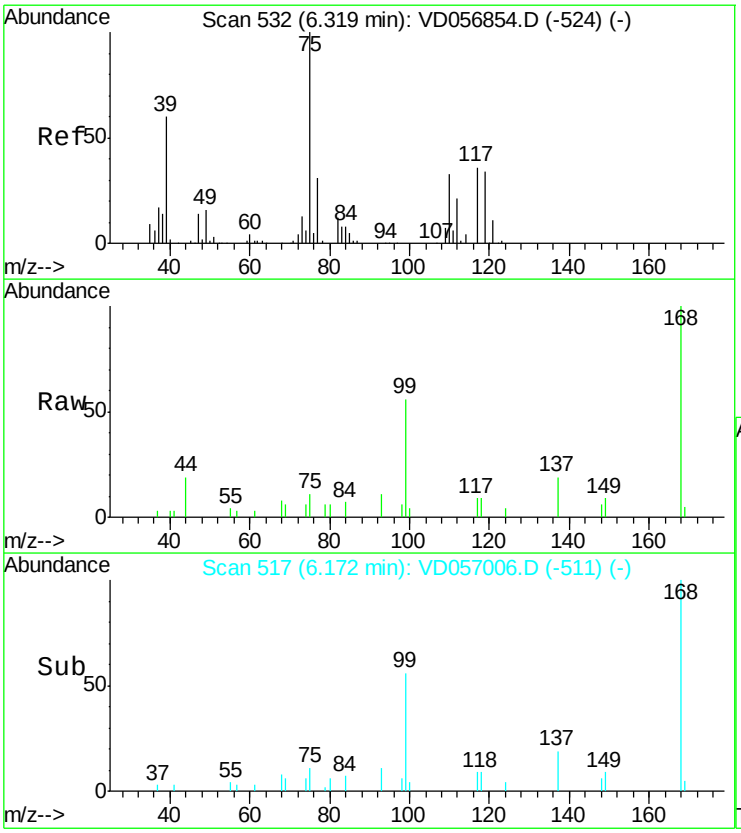
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.07 min Scan# 507
Delta R.T. -0.03 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
SB-107(4-5)

Tgt Ion:113 Resp: 27668

Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.5	122.3
192	12.2	12.6	19.0#

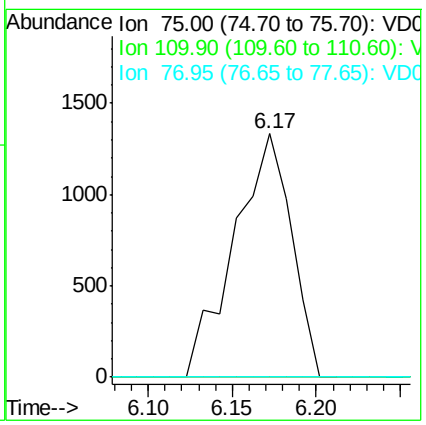


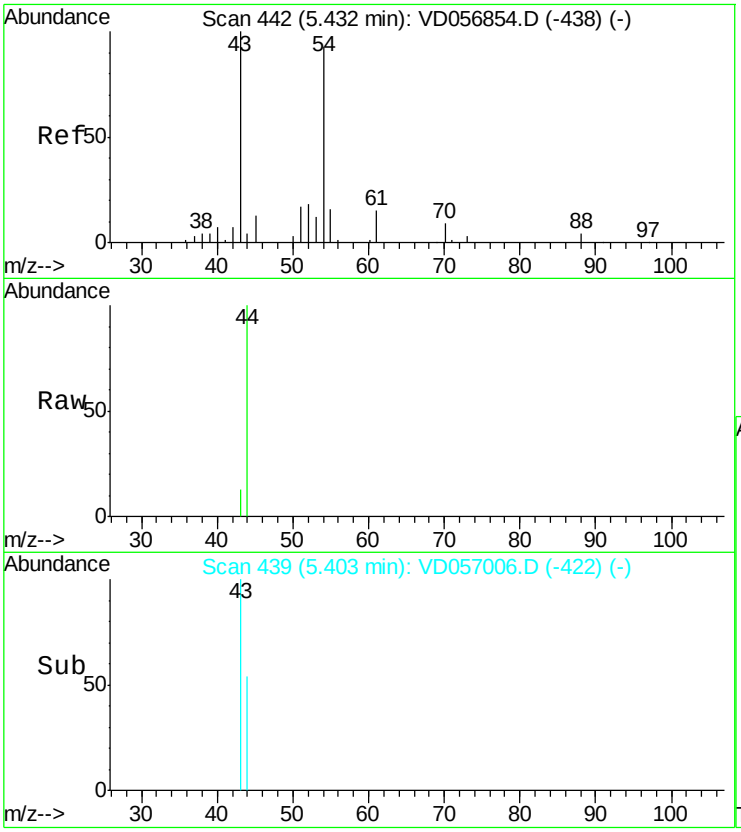


#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 6.17 min Scan# 517
Delta R.T. -0.14 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Tgt Ion: 75 Resp: 3142

Ion	Ratio	Lower	Upper
75	100		
110	0.0	15.9	47.6#
77	0.0	23.8	35.6#



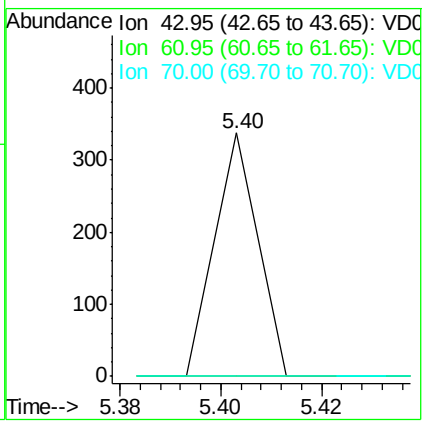


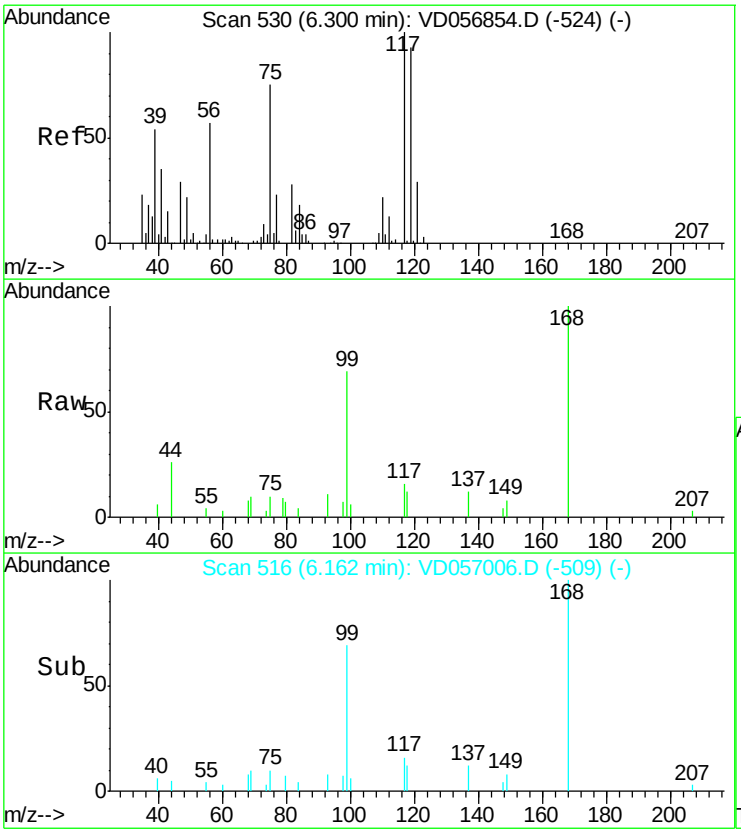
#37
Ethyl Acetate
Concen: 2.11 ug/l
RT: 5.40 min Scan# 439
Delta R.T. -0.03 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument : MSVOA_X
ClientSampleId : SB-107(4-5)

Tgt Ion: 43 Resp: 200

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.0	15.0#
70	0.0	7.9	11.9#

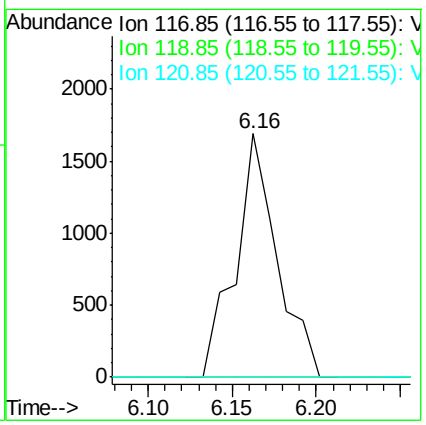


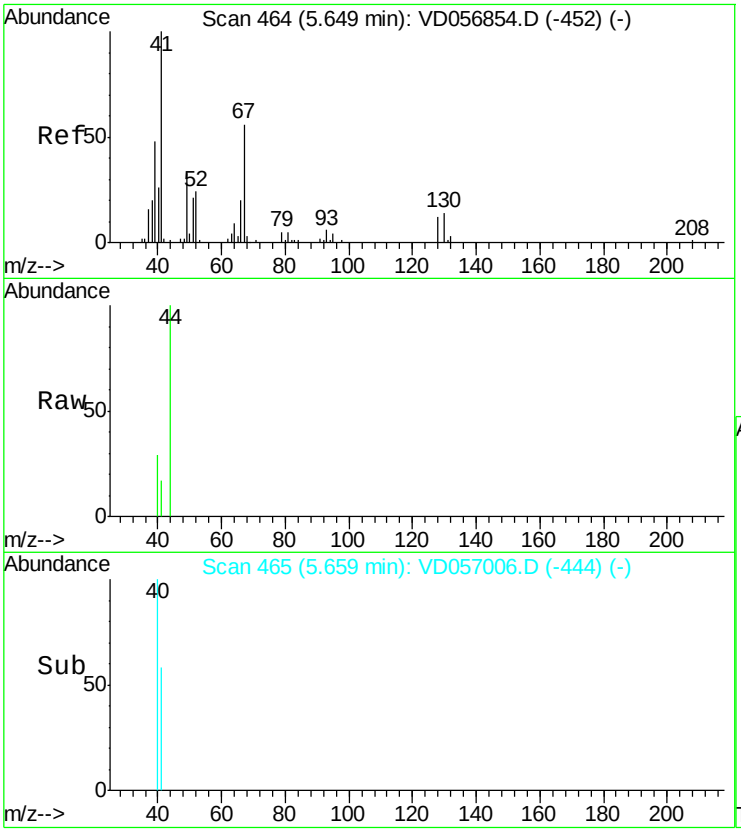


#38
Carbon Tetrachloride
Concen: 5.10 ug/l
RT: 6.16 min Scan# 516
Delta R.T. -0.13 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Tgt Ion:117 Resp: 2886

Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.2	117.2#
121	0.0	24.6	37.0#



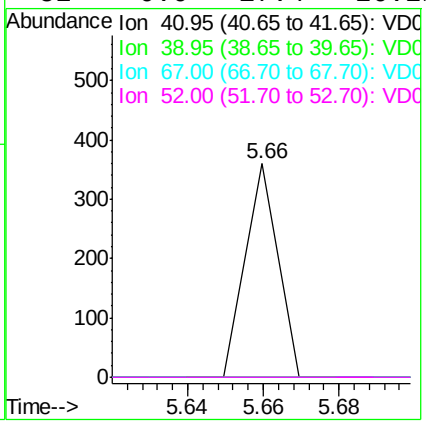


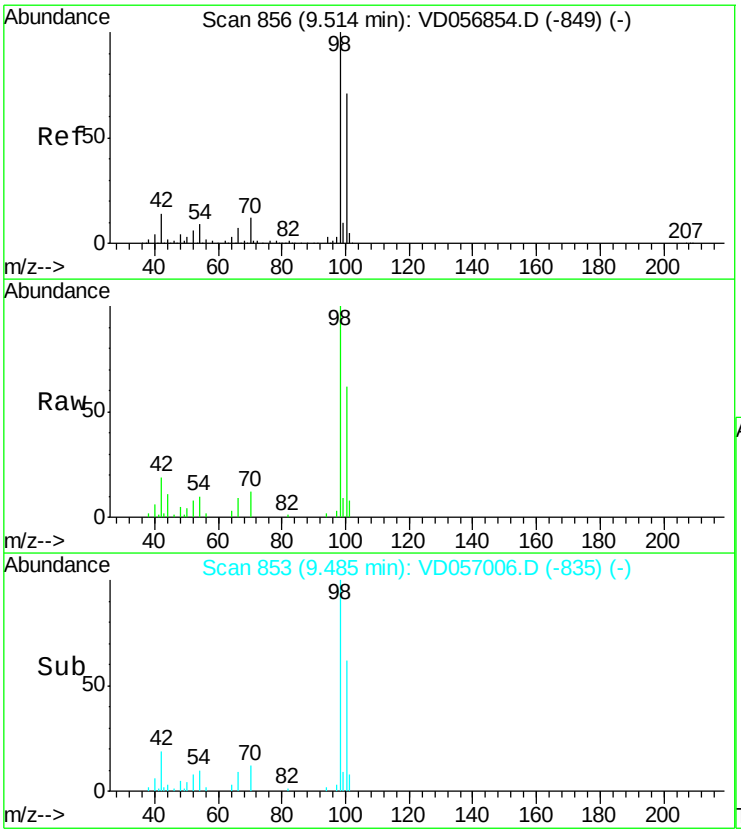
#41
Methacrylonitrile
Concen: 1.21 ug/l
RT: 5.66 min Scan# 465
Delta R.T. 0.00 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
SB-107(4-5)

Tgt Ion: 41 Resp: 213

Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.0	64.4#
67	0.0	48.3	72.5#
52	0.0	17.4	26.2#

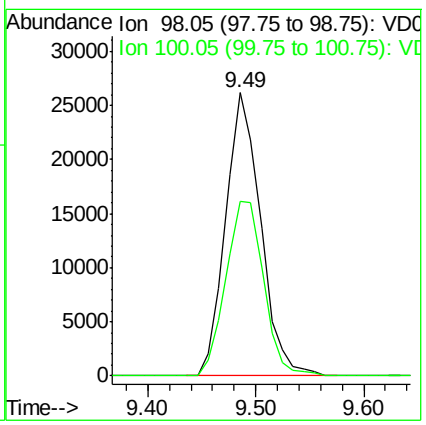


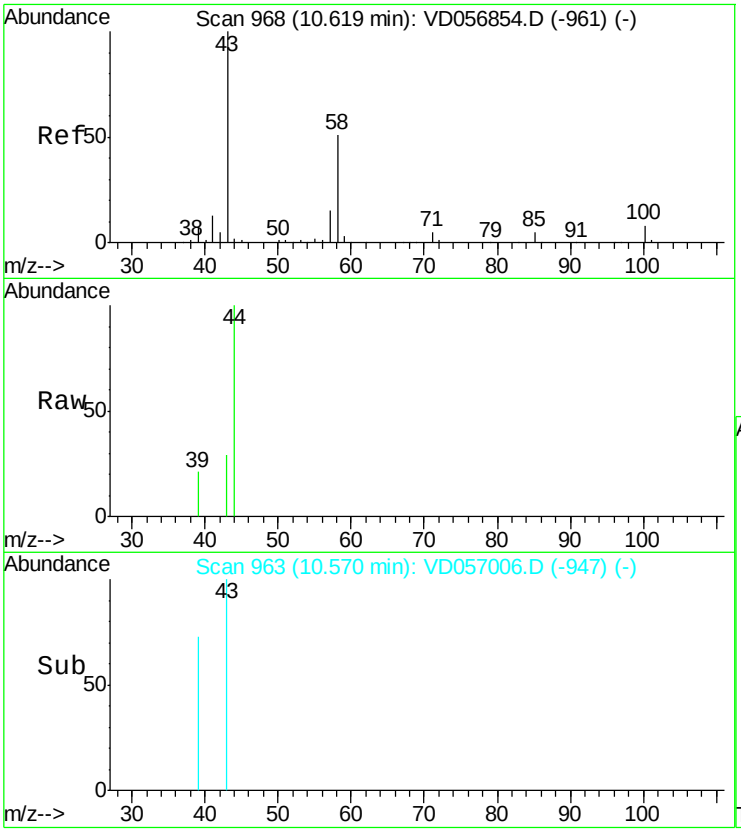


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Tgt Ion: 98 Resp: 59063

Ion	Ratio	Lower	Upper
98	100		
100	61.6	56.2	84.4



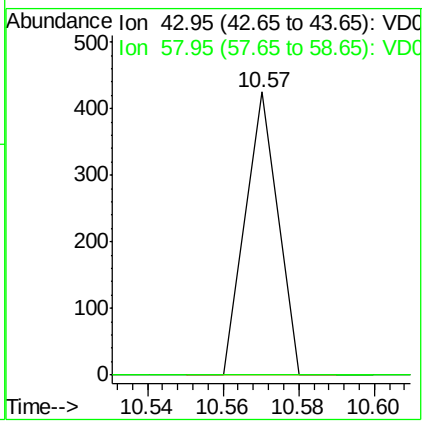


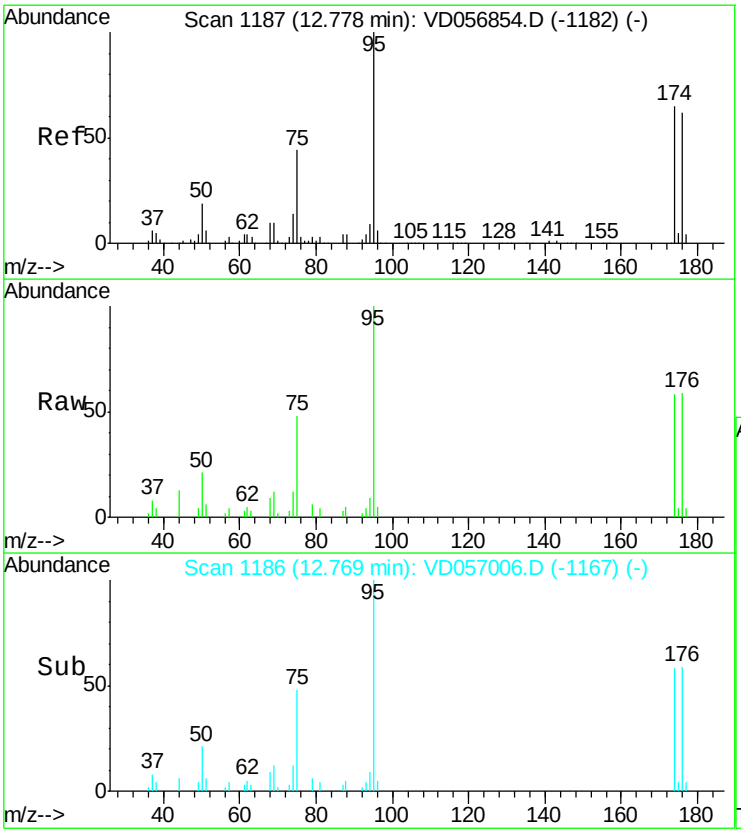
#59
2-Hexanone
Concen: 1.04 ug/l
RT: 10.57 min Scan# 963
Delta R.T. -0.05 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
SB-107(4-5)

Tgt Ion: 43 Resp: 251

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.1	75.4#

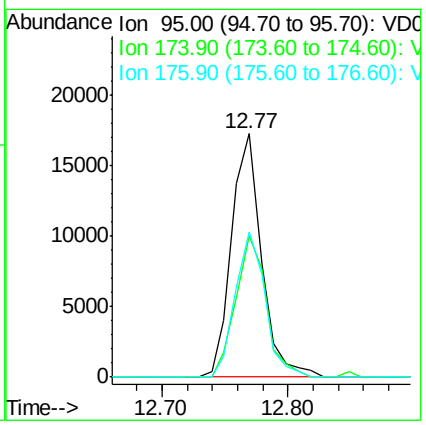


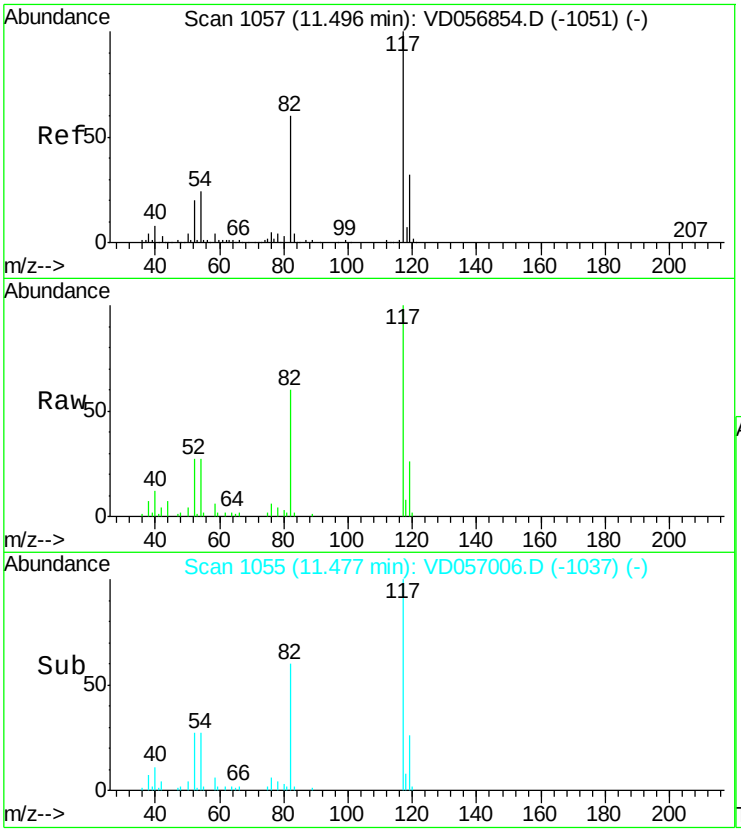


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.77 min Scan# 1186
Delta R.T. -0.02 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Tgt Ion: 95 Resp: 28300

Ion	Ratio	Lower	Upper
95	100		
174	58.1	0.0	143.6
176	59.4	0.0	141.2



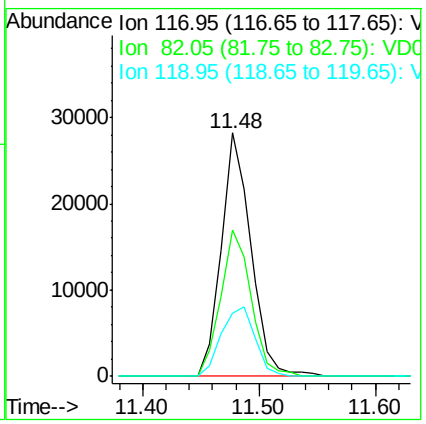


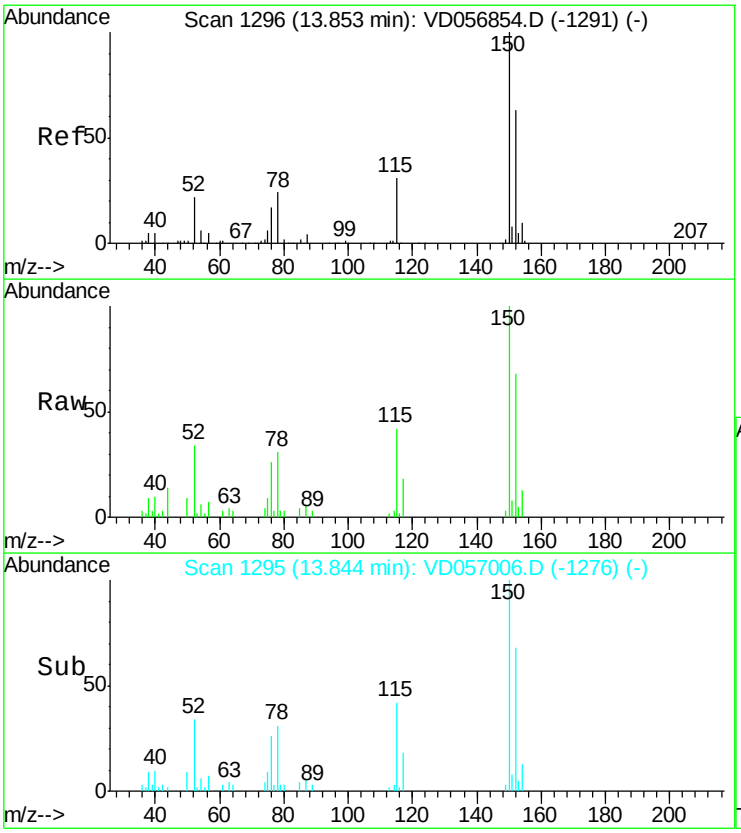
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.48 min Scan# 1055
Delta R.T. -0.03 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument : MSVOA_X
ClientSampleId : SB-107(4-5)

Tgt Ion:117 Resp: 49775

Ion	Ratio	Lower	Upper
117	100		
82	60.3	46.2	69.4
119	26.1	25.8	38.6

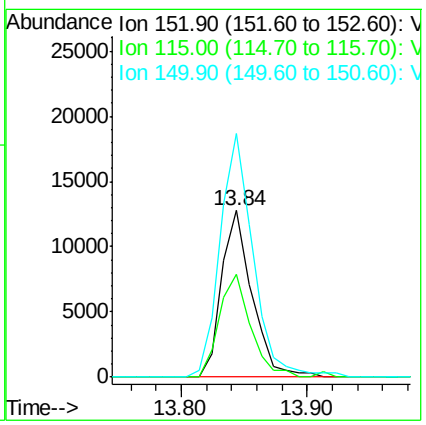


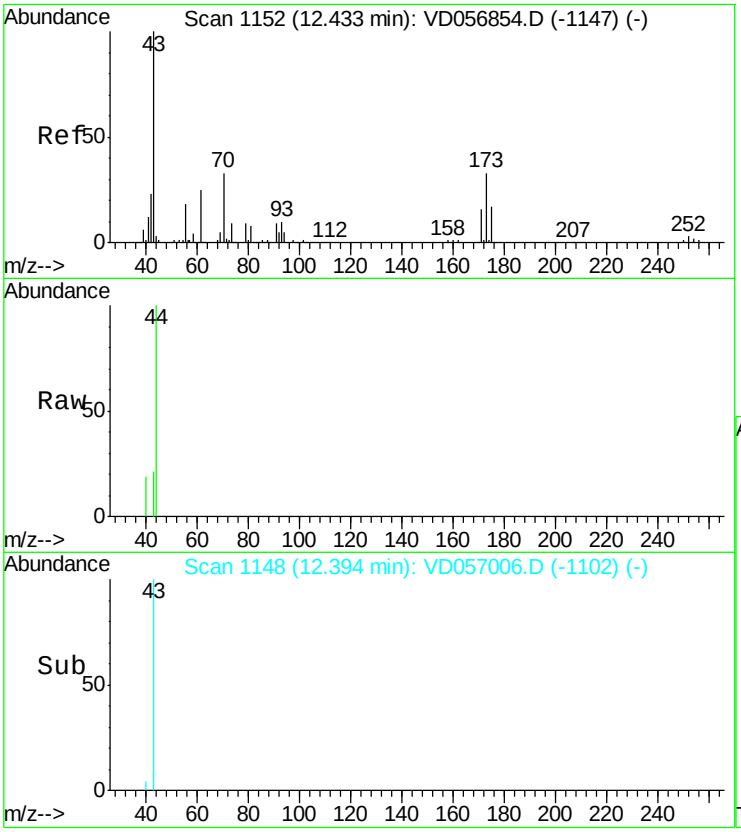


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.84 min Scan# 1295
Delta R.T. -0.02 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Tgt Ion:152 Resp: 21414

Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.2	93.6
150	146.2	0.0	334.8



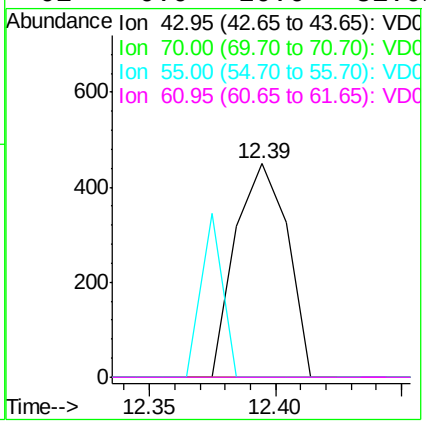


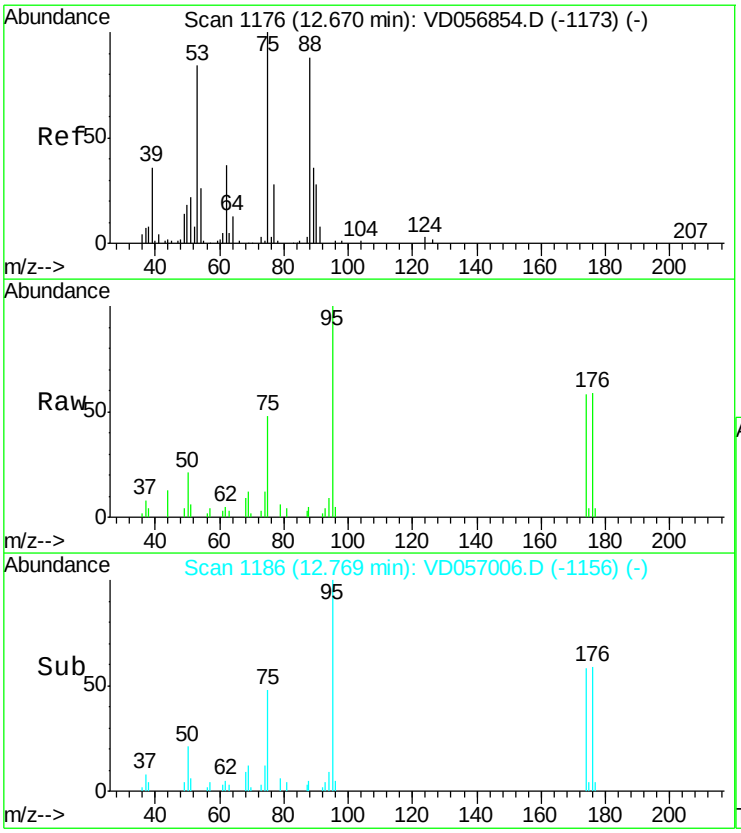
#74
N-amyl acetate
Concen: 1.05 ug/l
RT: 12.39 min Scan# 1148
Delta R.T. -0.05 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
SB-107(4-5)

Tgt Ion: 43 Resp: 647

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.4	41.2#
55	0.0	15.2	22.8#
61	0.0	20.6	31.0#

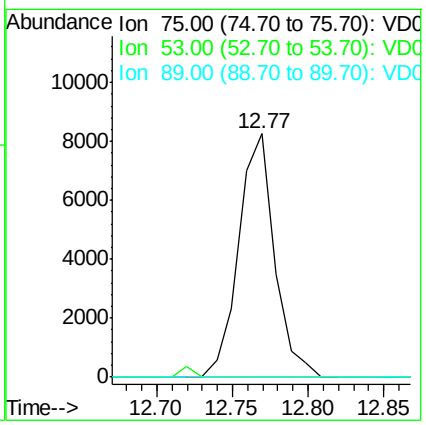


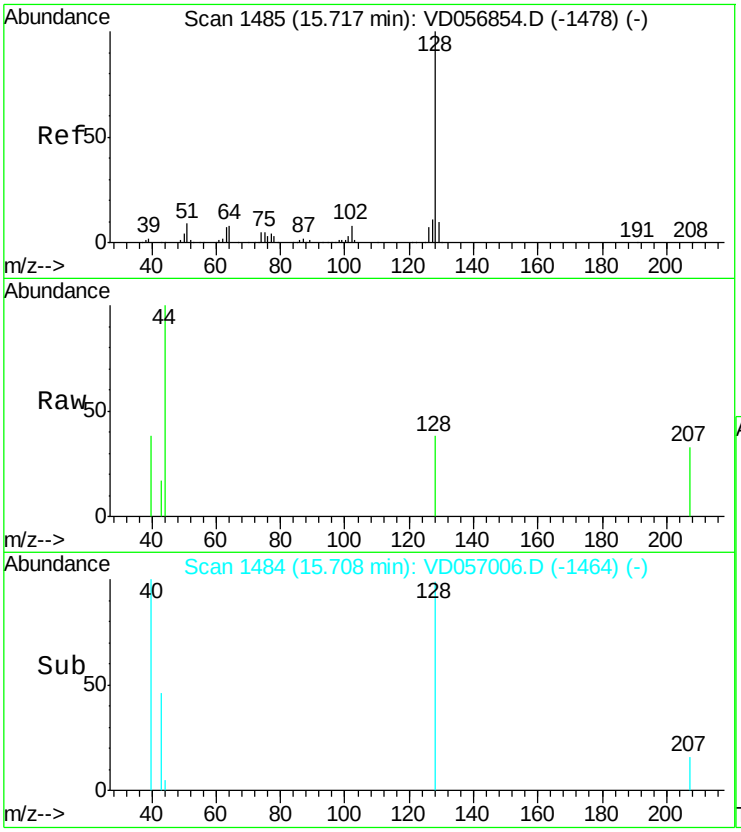


#81
trans-1,4-Dichloro-2-butene
Concen: 116.36 ug/l
RT: 12.77 min Scan# 1186
Delta R.T. 0.09 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Tgt Ion: 75 Resp: 13639

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.5	96.7#
89	0.0	31.6	47.4#





#95
Naphthalene
Concen: 1.69 ug/l
RT: 15.71 min Scan# 1484
Delta R.T. -0.01 min
Lab File: VD057006.D
Acq: 28 Mar 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
SB-107(4-5)

Tgt Ion:128 Resp: 1276

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.3	13.9#
129	0.0	8.7	13.1#