Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD092315\
Data File : VD046857.D
Acq On : 23 Sep 2015 16:02
Operator : FY/SY
Sample : G3779-03
Misc : 5.03gm/5mL/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S2-10

Quant Time: Sep 24 01:47:04 2015
Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:47:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	6.30	168	151388	50.00	ug/l		-0.01
34) 1,4-Difluorobenzene	7.42	114	200961	50.00	ug/l		-0.01
63) Chlorobenzene-d5	11.57	117	181896	50.00	ug/l		-0.01
72) 1,4-Dichlorobenzene-d4	13.91	152	83515	50.00	ug/l		-0.01
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.71	65	75114	47.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.44%				
35) Dibromofluoromethane	6.20	113	73627	46.83	ug/l		-0.02
Spiked Amount 50.000			Recovery = 93.66%				
50) Toluene-d8	9.61	98	189671	38.24	ug/l		-0.01
Spiked Amount 50.000			Recovery = 76.48%				
62) 4-Bromofluorobenzene	12.84	95	71530	35.81	ug/l		-0.01
Spiked Amount 50.000			Recovery = 71.62%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.42	85	739	Below Cal			99
3) Chlorodifluoromethane	1.44	51	272	Below Cal		#	66
6) Bromomethane	1.88	94	174	Below Cal			88
11) Methyl Iodide	3.04	142	93	1.79	ug/l	#	35
12) Tert butyl alcohol	3.66	59	525	Below Cal		#	74
14) Acrolein	2.64	56	96	1.19	ug/l	#	10
17) Acetone	2.94	43	758	2.85	ug/l	#	56
24) Vinyl Acetate	4.60	43	38	15.03	ug/l	#	82
31) Cyclohexane	6.29	56	4379	1.85	ug/l	#	28
36) 1,1-Dichloropropene	6.30	75	15098	6.43	ug/l	#	53
38) Carbon Tetrachloride	6.30	117	15420	6.32	ug/l	#	19
49) 1,4-Dioxane	8.47	88	31	5.51	ug/l	#	20
56) Ethyl methacrylate	10.20	69	77	3.95	ug/l	#	11
58) 2-Chloroethyl Vinyl ether	9.00	63	38	6.41	ug/l	#	53
74) N-amyl acetate	12.55	43	43	4.74	ug/l	#	30
81) trans-1,4-Dichloro-2-buten	12.84	75	36717	125.15	ug/l	#	9
95) Naphthalene	15.82	128	417	2.60	ug/l	#	70

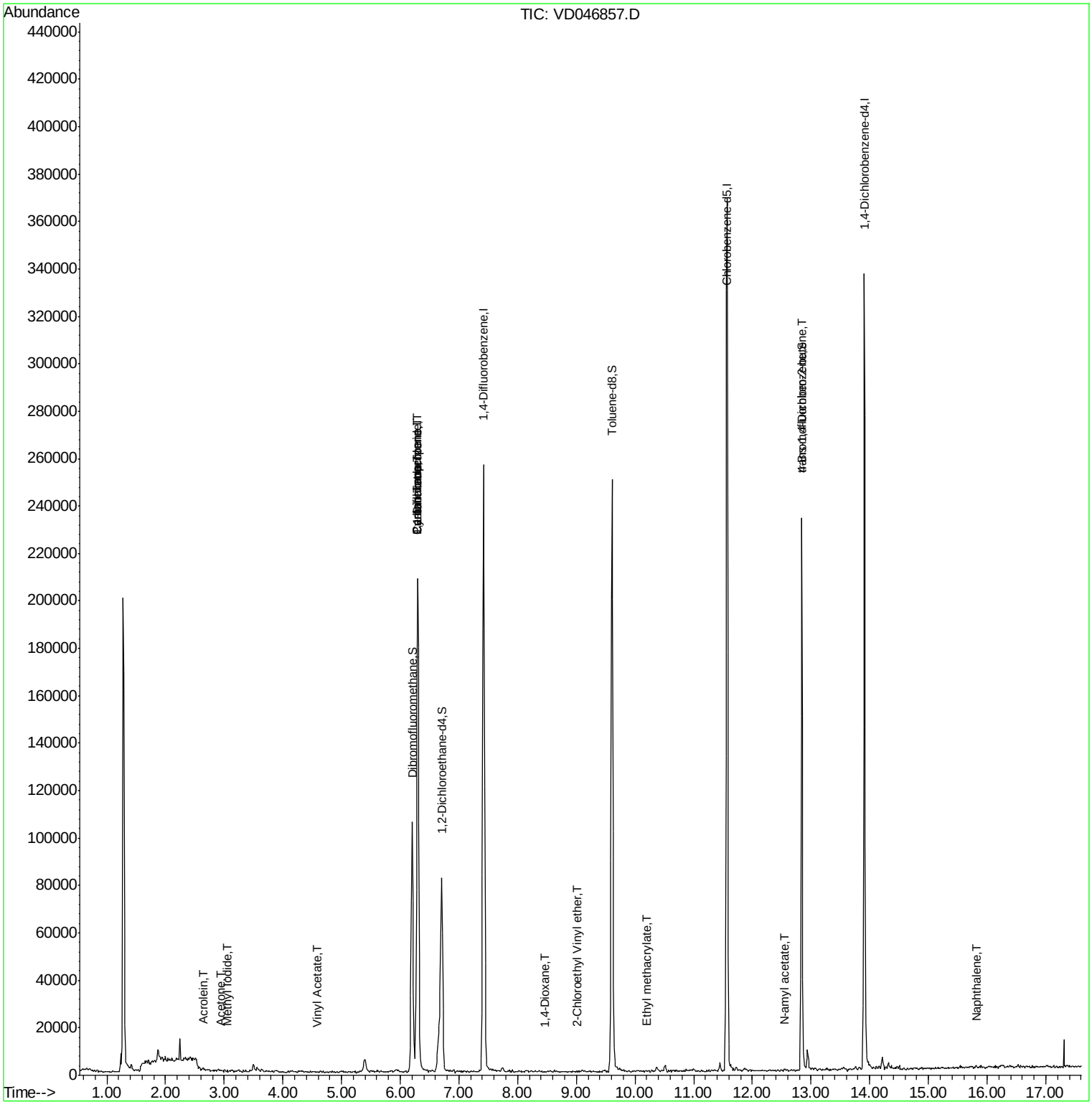
(#) = qualifier out of range (m) = manual integration (+) = signals summed

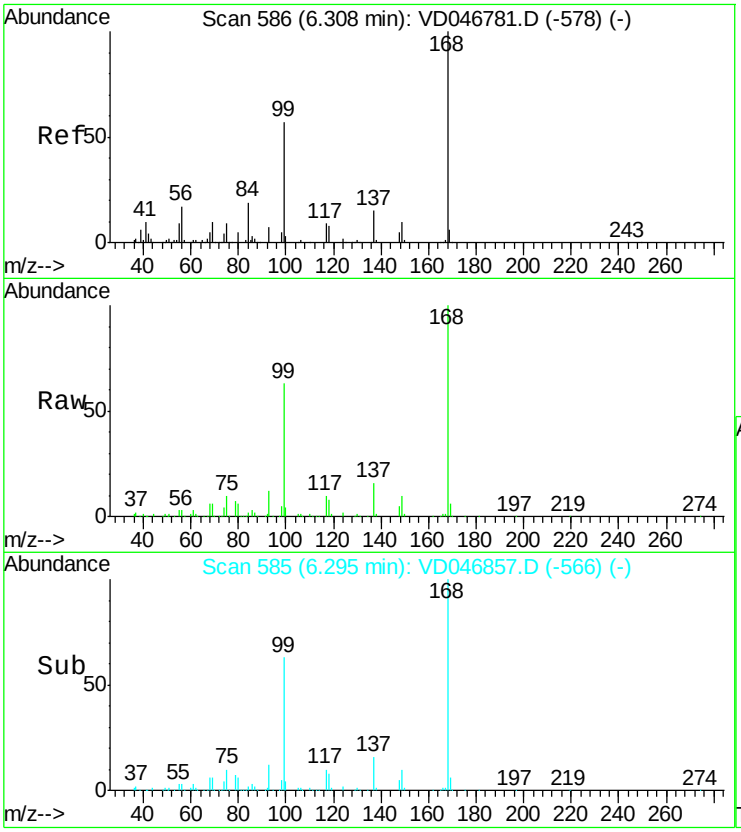
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD092315\
Data File : VD046857.D
Acq On : 23 Sep 2015 16:02
Operator : FY/SY
Sample : G3779-03
Misc : 5.03gm/5mL/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S2-10

Quant Time: Sep 24 01:47:04 2015
Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:47:18 2015
Response via : Initial Calibration



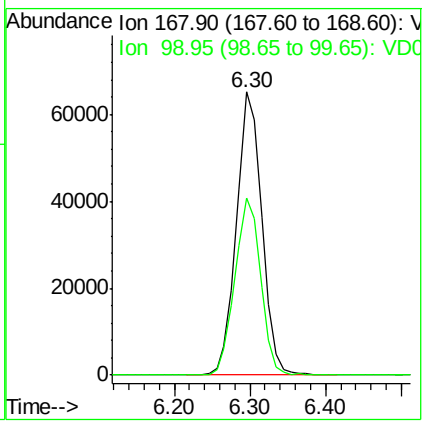


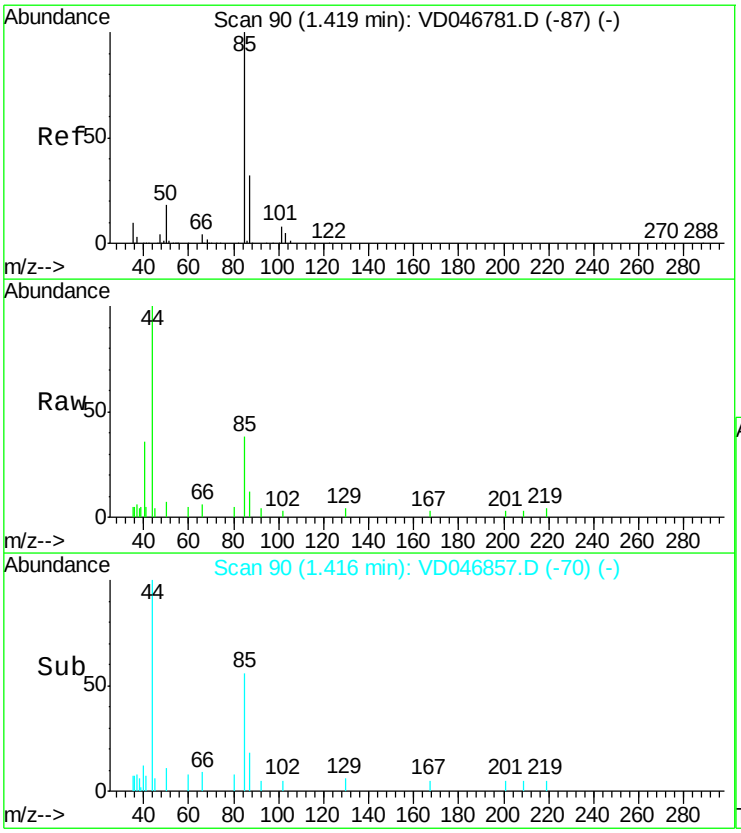
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.30 min Scan# 585
Delta R.T. -0.01 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Instrument : MSVOA_D
ClientSampleId : S2-10

Tgt Ion:168 Resp: 151388

Ion	Ratio	Lower	Upper
168	100		
99	62.7	42.4	63.6

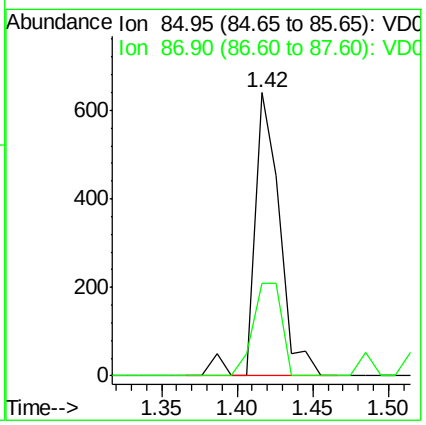


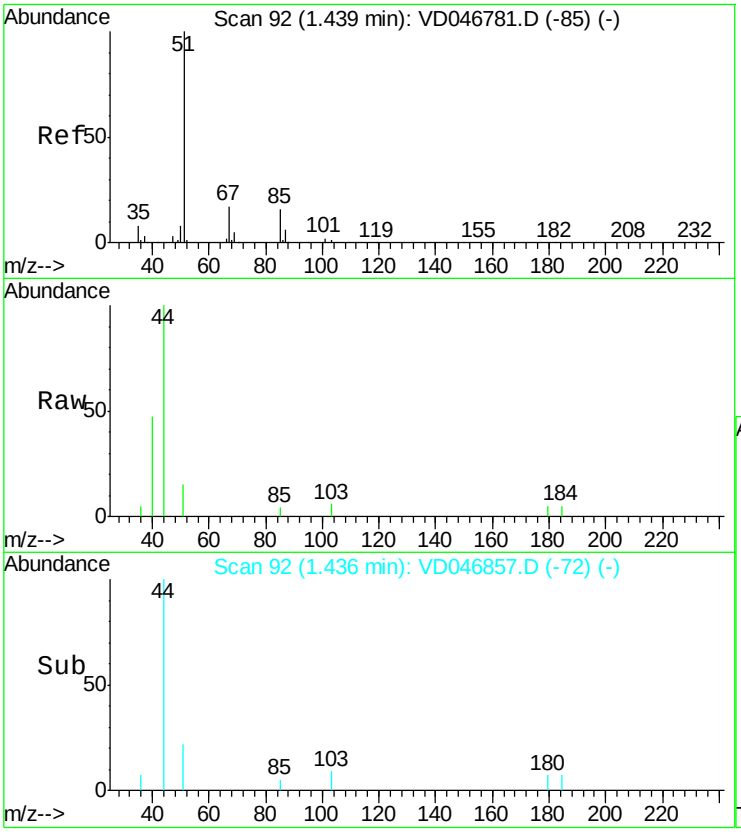


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.42 min Scan# 90
Delta R.T. -0.00 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Tgt Ion: 85 Resp: 739

Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.2	48.5



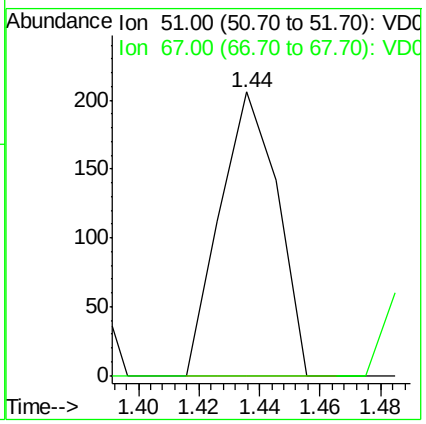


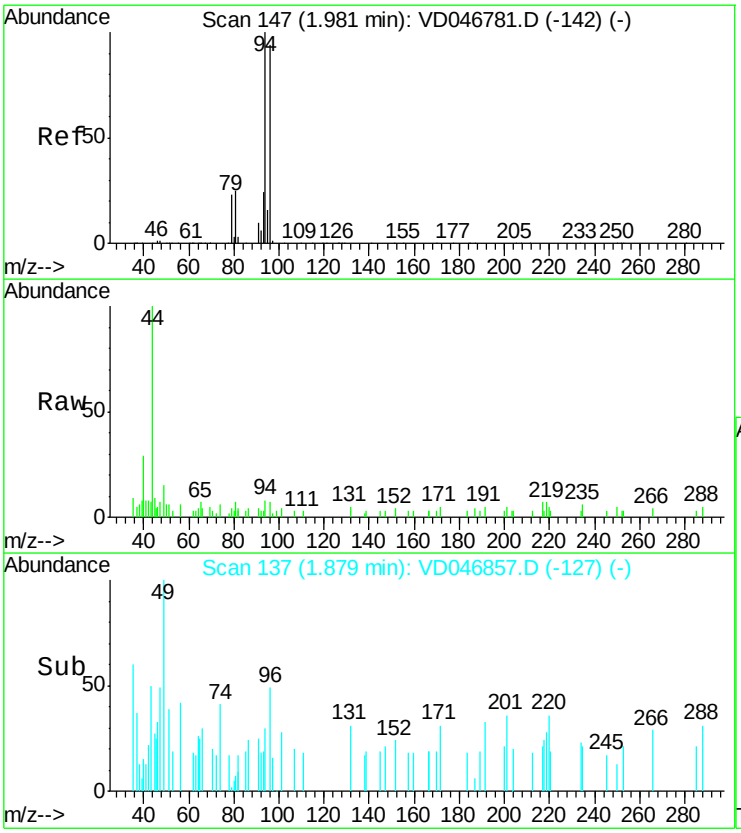
#3
Chlorodifluoromethane
Concen: Below Cal
RT: 1.44 min Scan# 92
Delta R.T. -0.00 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Instrument : MSVOA_D
ClientSampleId : S2-10

Tgt Ion: 51 Resp: 272

Ion	Ratio	Lower	Upper
51	100		
67	0.0	10.9	16.3#

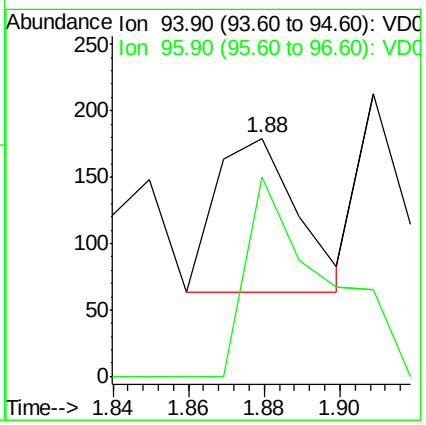


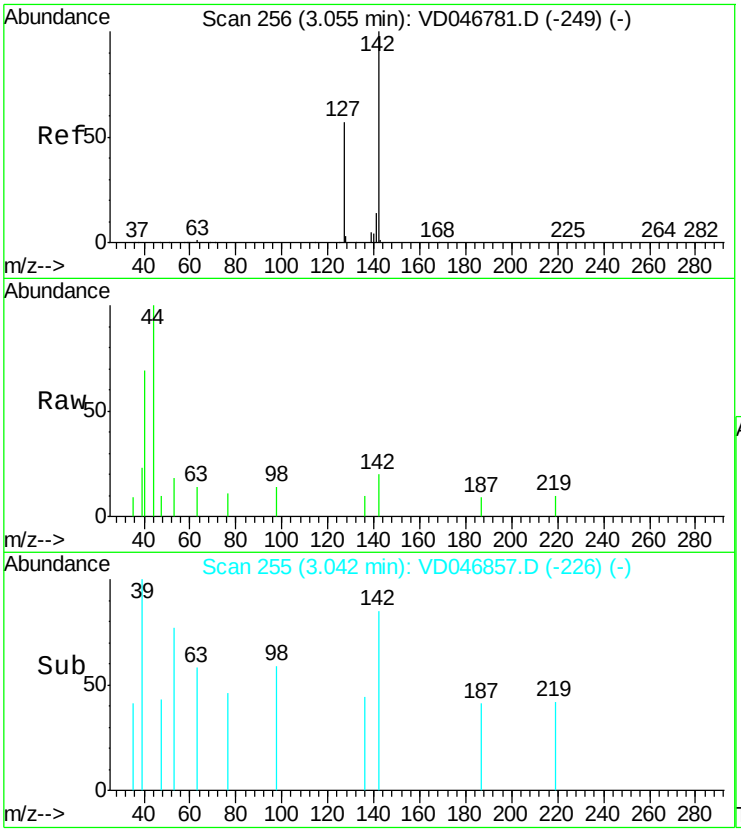


#6
Bromomethane
Concen: Below Cal
RT: 1.88 min Scan# 137
Delta R.T. -0.10 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Tgt Ion: 94 Resp: 174

Ion	Ratio	Lower	Upper
94	100		
96	83.8	76.0	114.0



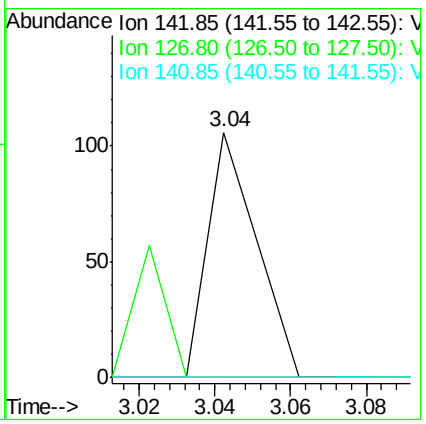


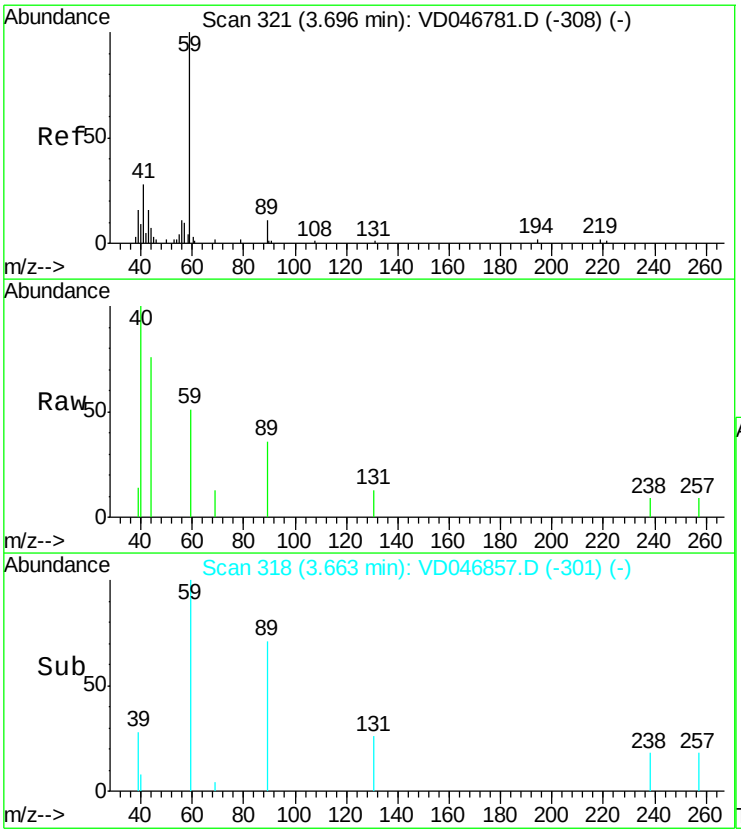
#11
Methyl Iodide
Concen: 1.79 ug/l
RT: 3.04 min Scan# 255
Delta R.T. -0.01 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Instrument : MSVOA_D
ClientSampleId : S2-10

Tgt Ion:142 Resp: 93

Ion	Ratio	Lower	Upper
142	100		
127	0.0	41.2	61.8#
141	0.0	11.6	17.4#

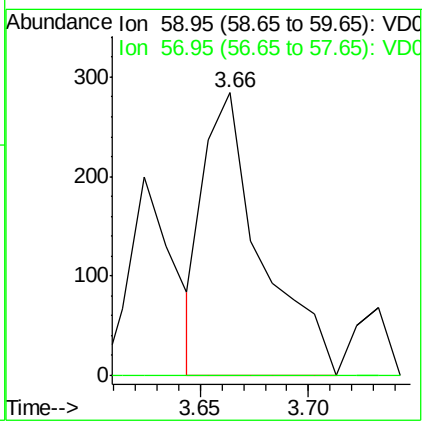


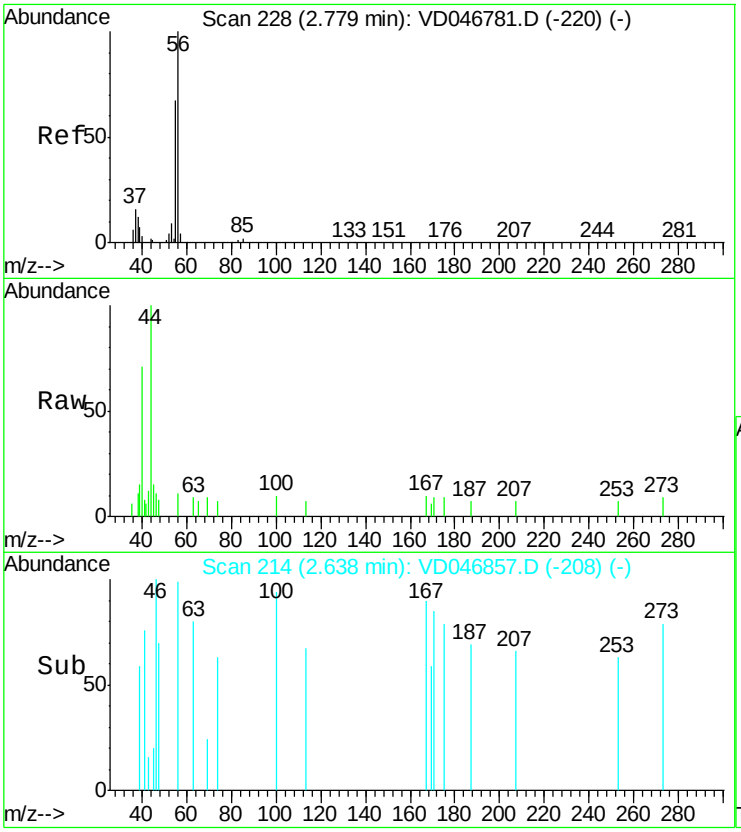


#12
Tert butyl alcohol
Concen: Below Cal
RT: 3.66 min Scan# 318
Delta R.T. -0.03 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Tgt Ion: 59 Resp: 525

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



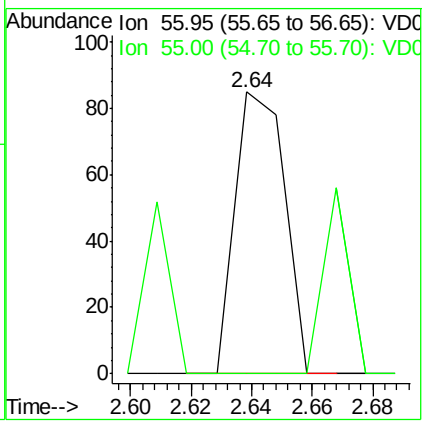


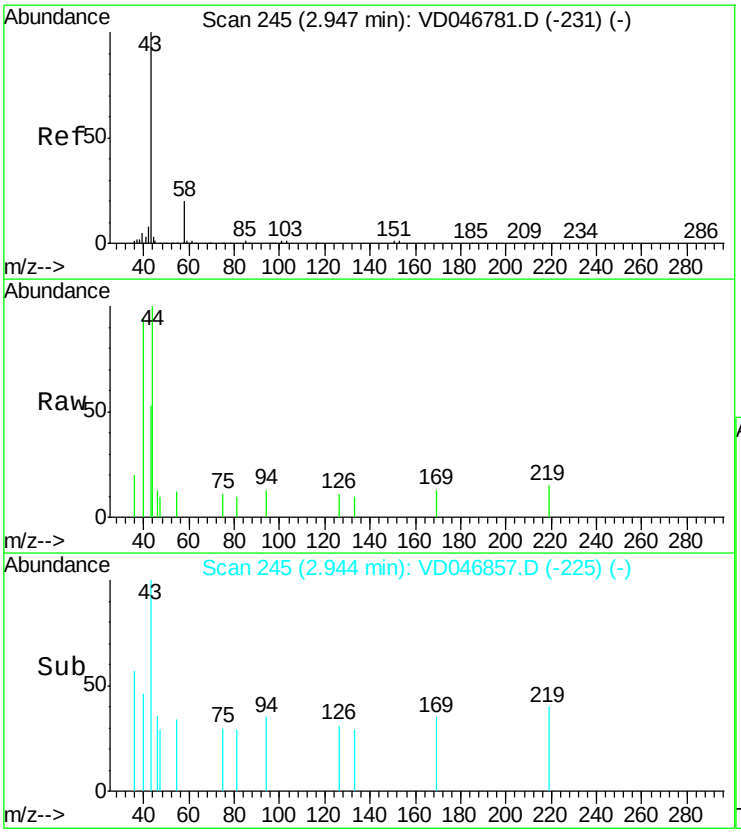
#14
Acrolein
Concen: 1.19 ug/l
RT: 2.64 min Scan# 214
Delta R.T. -0.14 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Instrument : MSVOA_D
ClientSampleId : S2-10

Tgt Ion: 56 Resp: 96

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.6	93.8#

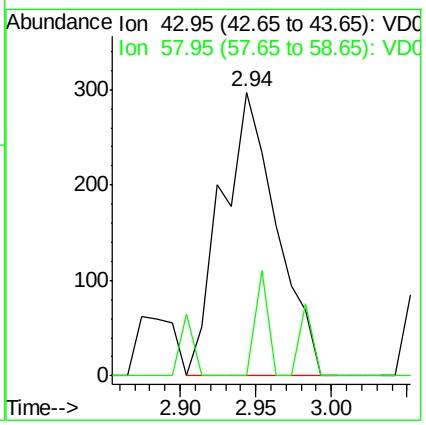


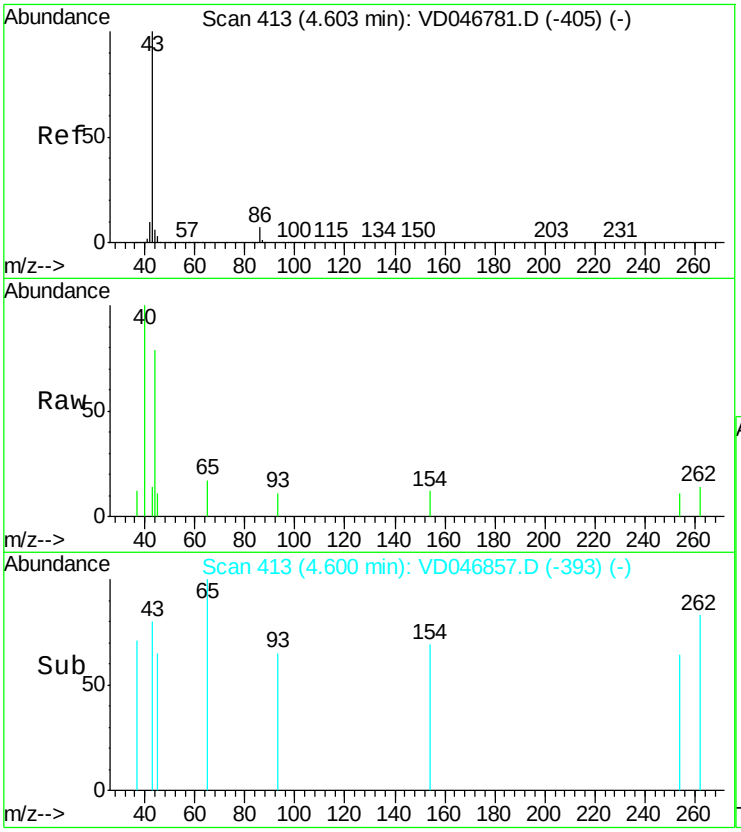


#17
Acetone
Concen: 2.85 ug/l
RT: 2.94 min Scan# 245
Delta R.T. -0.00 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Tgt Ion: 43 Resp: 758

Ion	Ratio	Lower	Upper
43	100		
58	0.0	16.6	24.8#



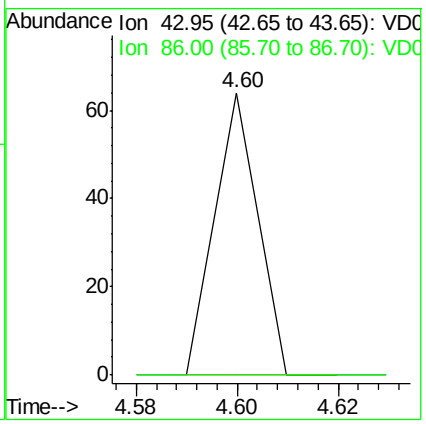


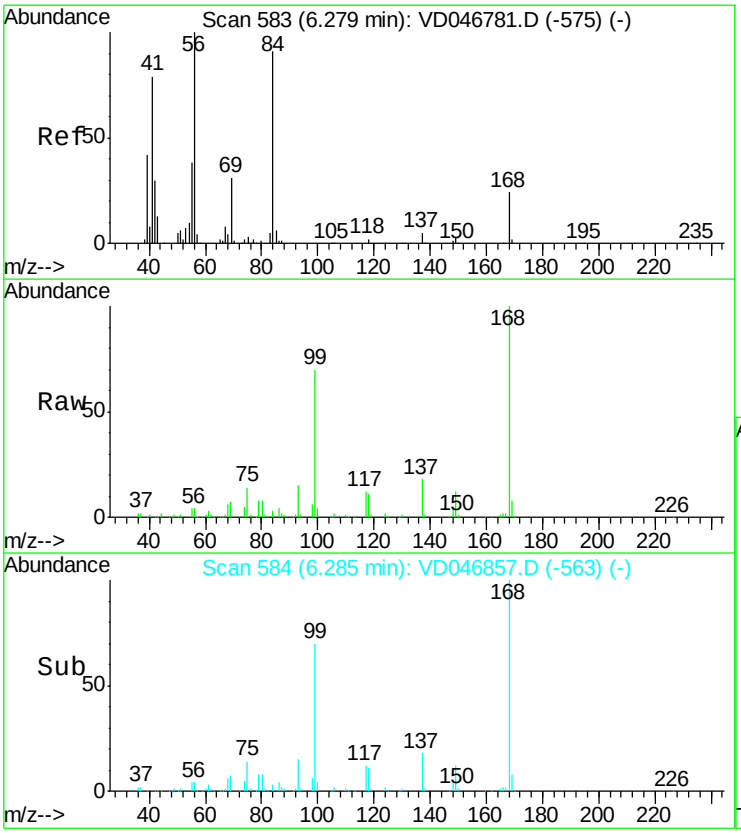
#24
Vinyl Acetate
Concen: 15.03 ug/l
RT: 4.60 min Scan# 413
Delta R.T. -0.00 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Instrument : MSVOA_D
ClientSampleId : S2-10

Tgt Ion: 43 Resp: 38

Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.9	7.3#

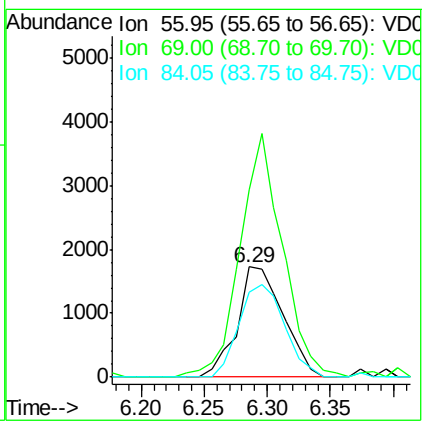


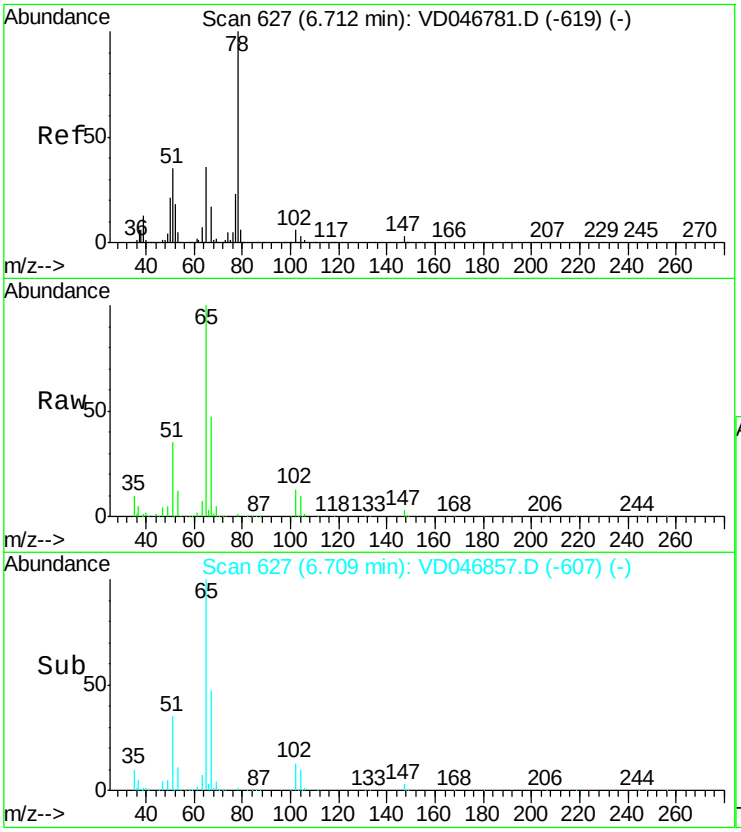


#31
Cyclohexane
Concen: 1.85 ug/l
RT: 6.29 min Scan# 584
Delta R.T. 0.01 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Tgt Ion: 56 Resp: 4379

Ion	Ratio	Lower	Upper
56	100		
69	169.4	23.4	35.0#
84	77.4	63.8	95.8



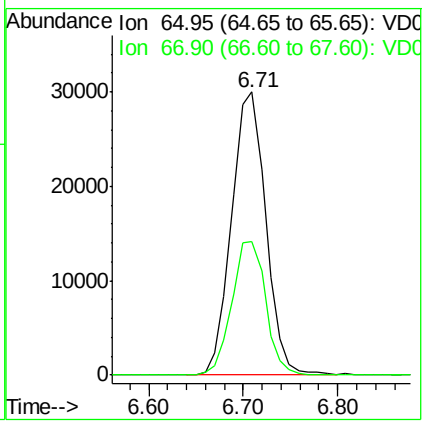


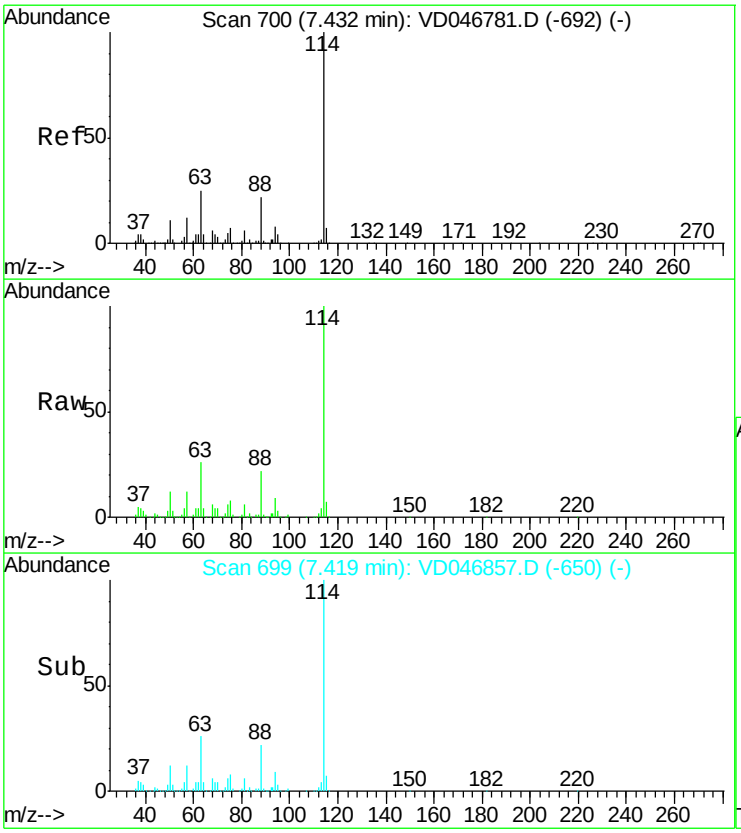
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.71 min Scan# 627
Delta R.T. -0.00 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Instrument :
MSVOA_D
ClientSampleId :
S2-10

Tgt Ion: 65 Resp: 75114

Ion	Ratio	Lower	Upper
65	100		
67	47.0	0.0	105.4

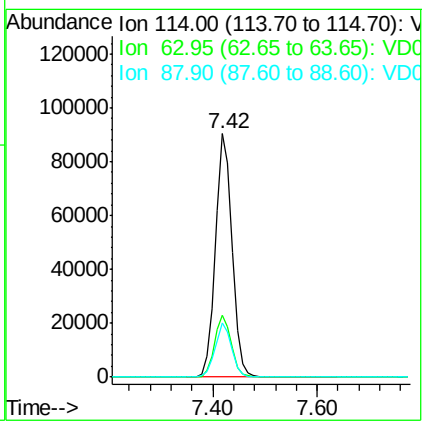


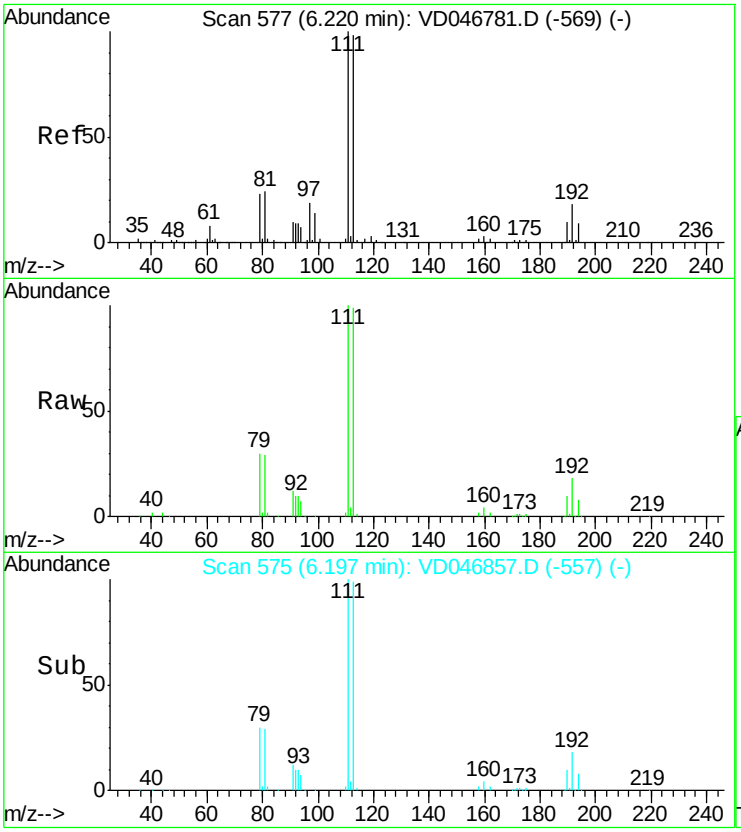


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 7.42 min Scan# 699
Delta R.T. -0.01 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Tgt Ion:114 Resp: 200961

Ion	Ratio	Lower	Upper
114	100		
63	25.5	0.0	49.8
88	22.1	0.0	43.6



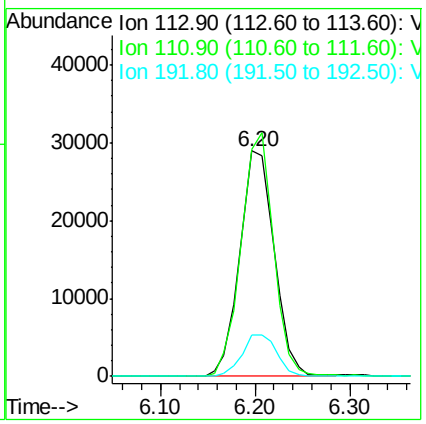


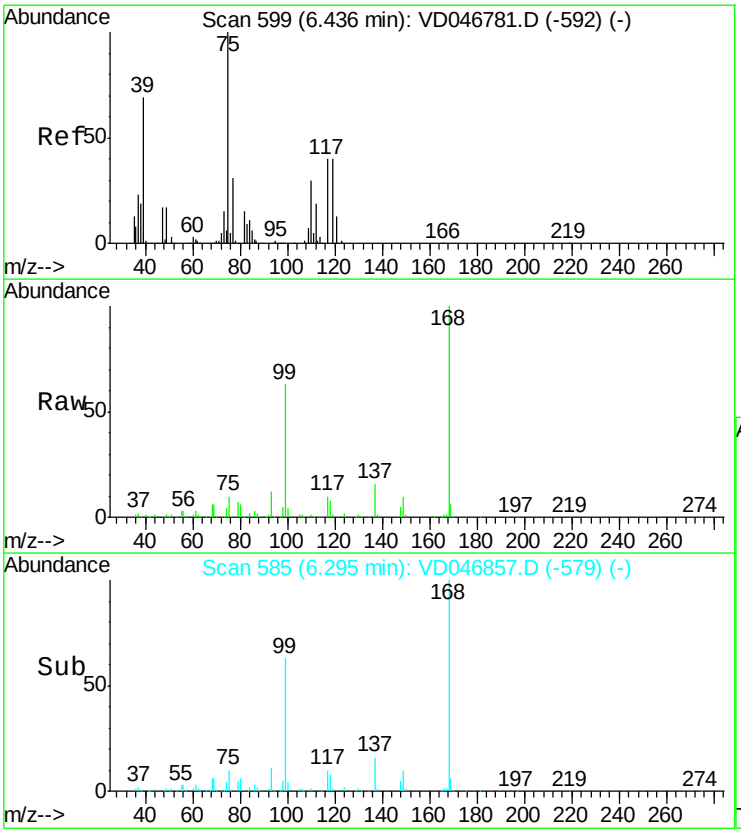
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.20 min Scan# 575
Delta R.T. -0.02 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Instrument : MSVOA_D
ClientSampleId : S2-10

Tgt Ion:113 Resp: 73627

Ion	Ratio	Lower	Upper
113	100		
111	100.9	79.4	119.0
192	18.5	14.6	22.0

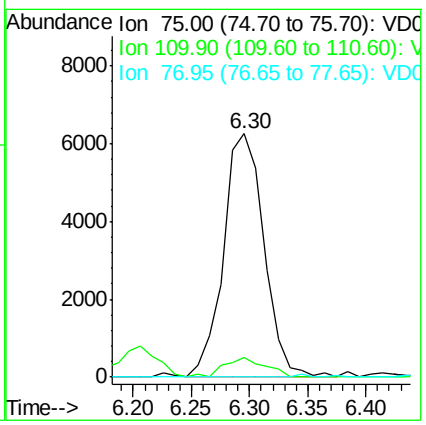


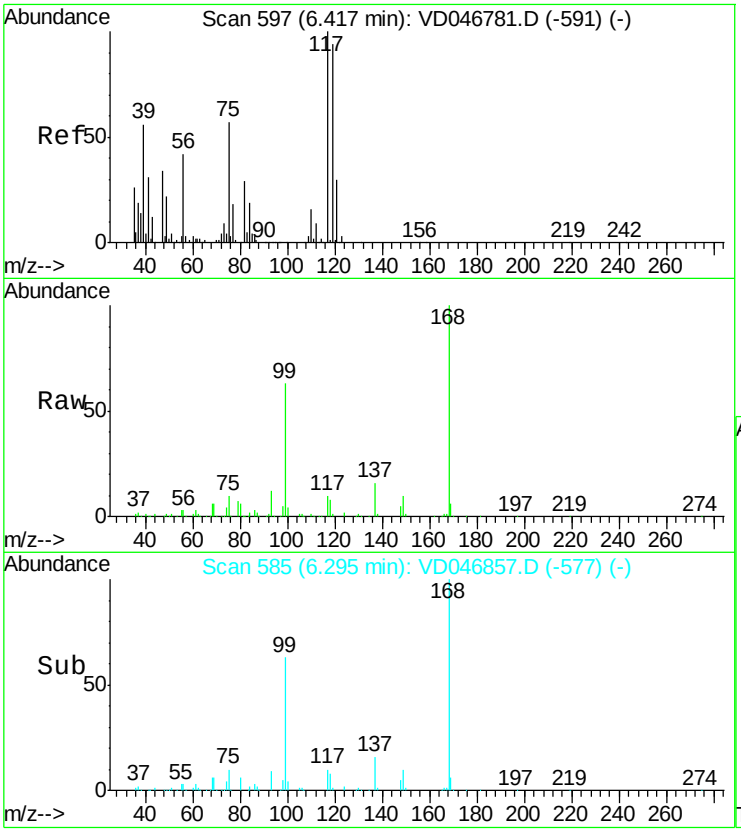


#36
1,1-Dichloropropene
Concen: 6.43 ug/l
RT: 6.30 min Scan# 585
Delta R.T. -0.14 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Tgt Ion: 75 Resp: 15098

Ion	Ratio	Lower	Upper
75	100		
110	7.8	13.7	41.0#
77	0.0	24.7	37.1#



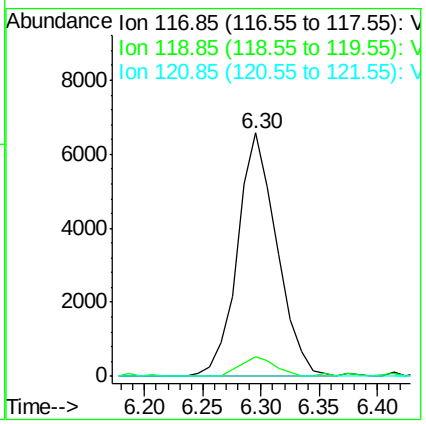


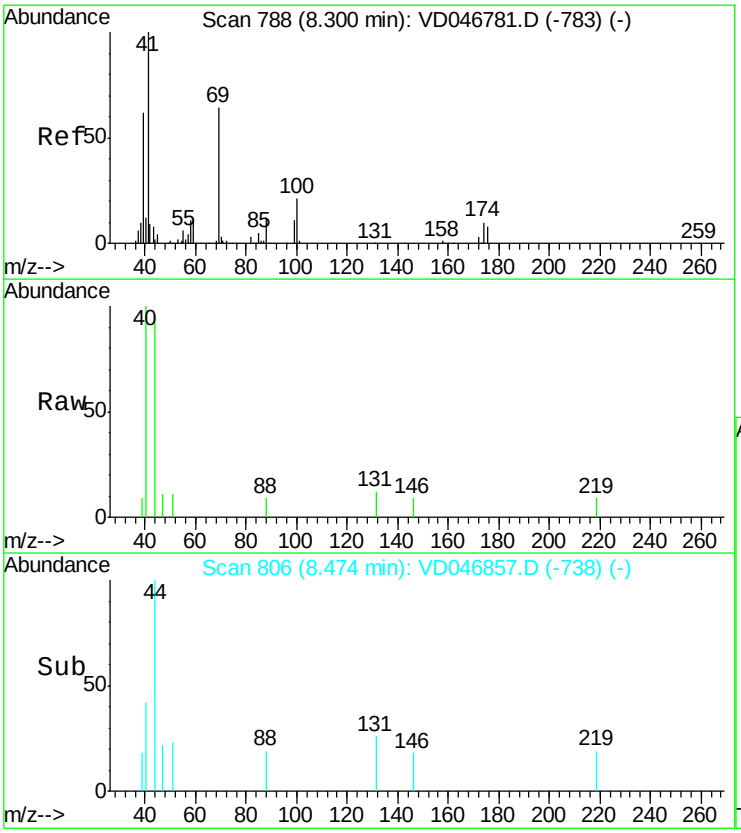
#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 6.30 min Scan# 585
Delta R.T. -0.12 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Instrument : MSVOA_D
ClientSampleId : S2-10

Tgt Ion:117 Resp: 15420

Ion	Ratio	Lower	Upper
117	100		
119	8.0	76.2	114.4#
121	0.0	24.5	36.7#

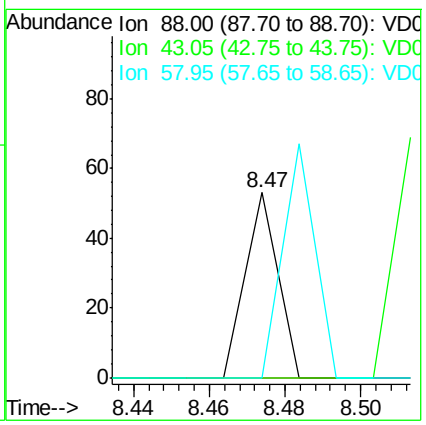


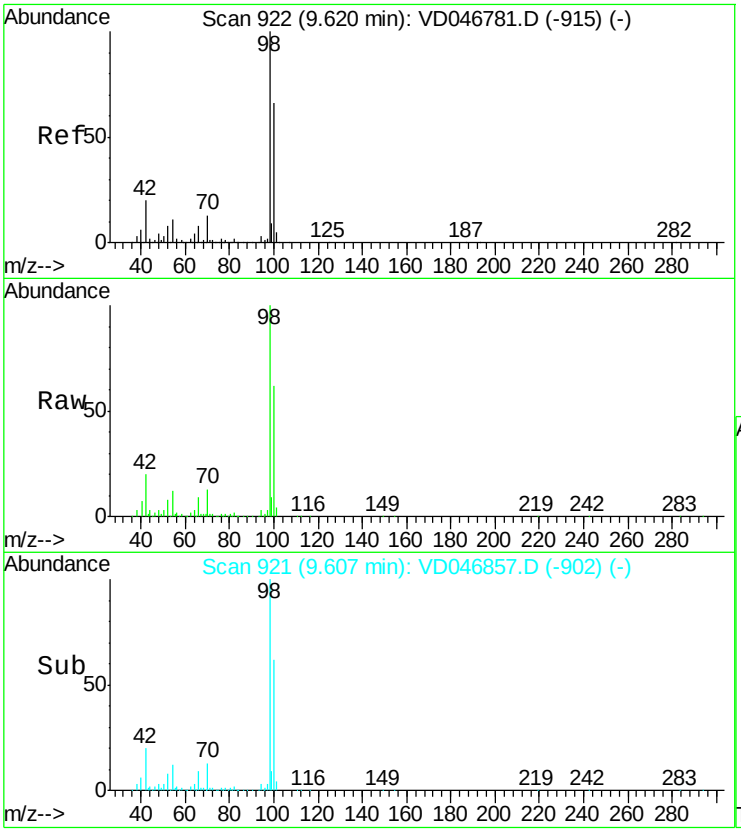


#49
1,4-Dioxane
Concen: 5.51 ug/l
RT: 8.47 min Scan# 806
Delta R.T. 0.17 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Tgt Ion: 88 Resp: 31

Ion	Ratio	Lower	Upper
88	100		
43	0.0	50.0	75.0#
58	0.0	48.3	72.5#



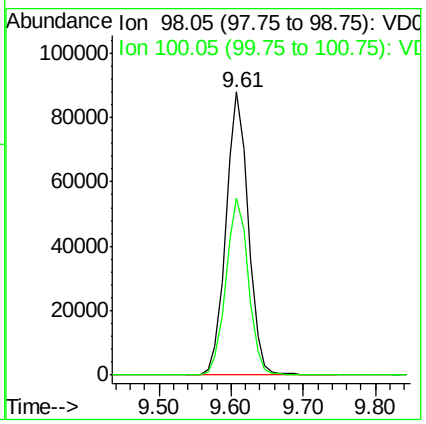


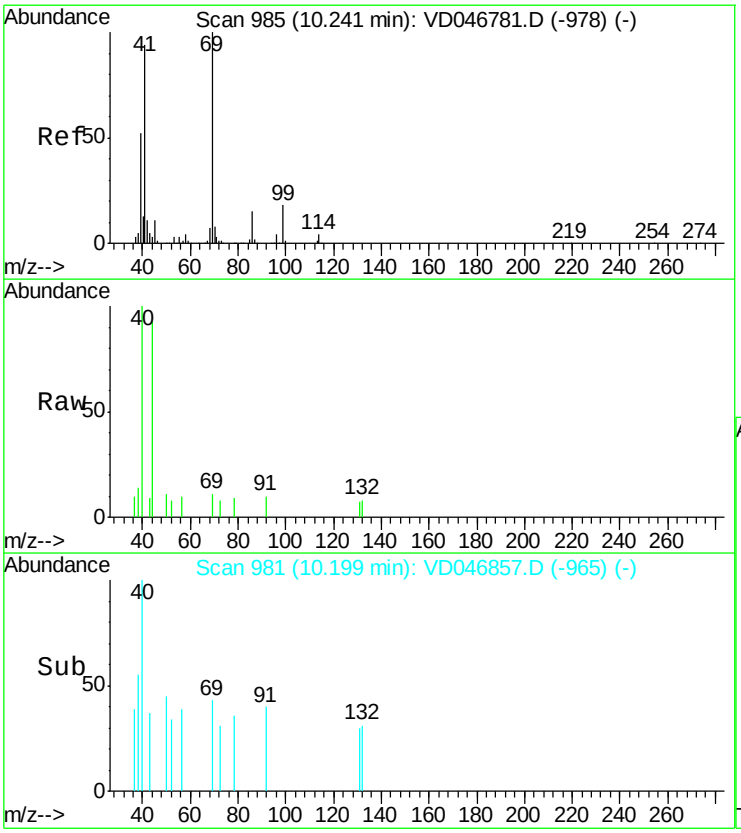
#50
Toluene-d8
Concen: 5.51 ug/l
RT: 9.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Instrument : MSVOA_D
ClientSampleId : S2-10

Tgt Ion: 98 Resp: 189671

Ion	Ratio	Lower	Upper
98	100		
100	62.5	49.9	74.9

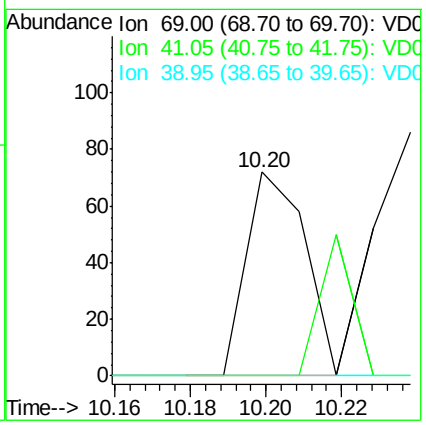


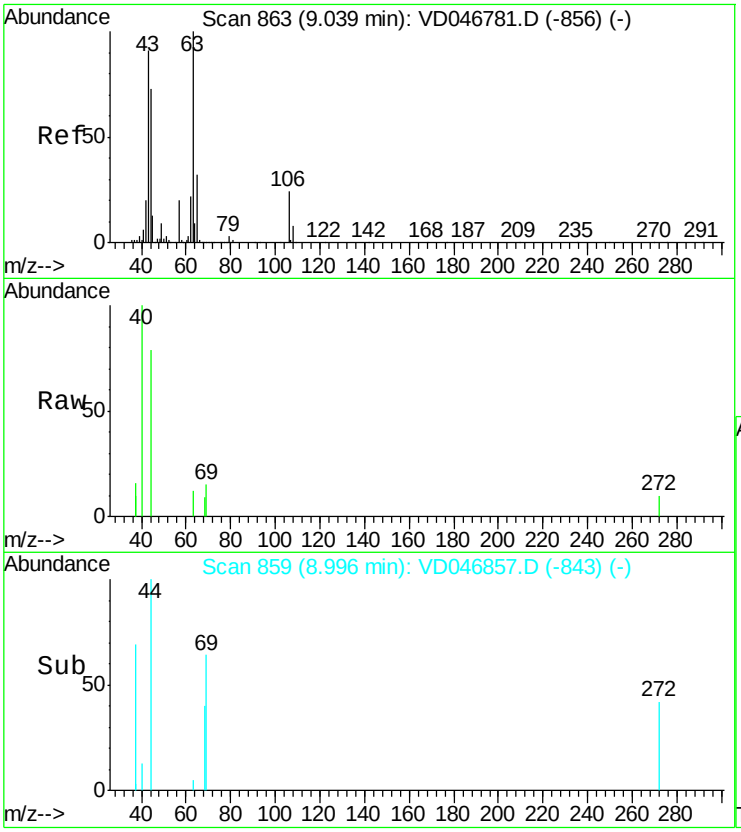


#56
Ethyl methacrylate
Concen: 3.95 ug/l
RT: 10.20 min Scan# 981
Delta R.T. -0.04 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Tgt Ion: 69 Resp: 77

Ion	Ratio	Lower	Upper
69	100		
41	0.0	75.4	113.0#
39	0.0	41.0	61.4#



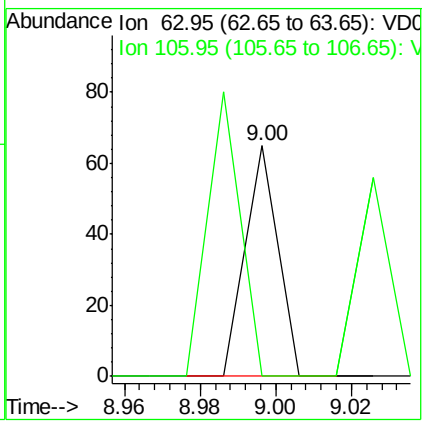


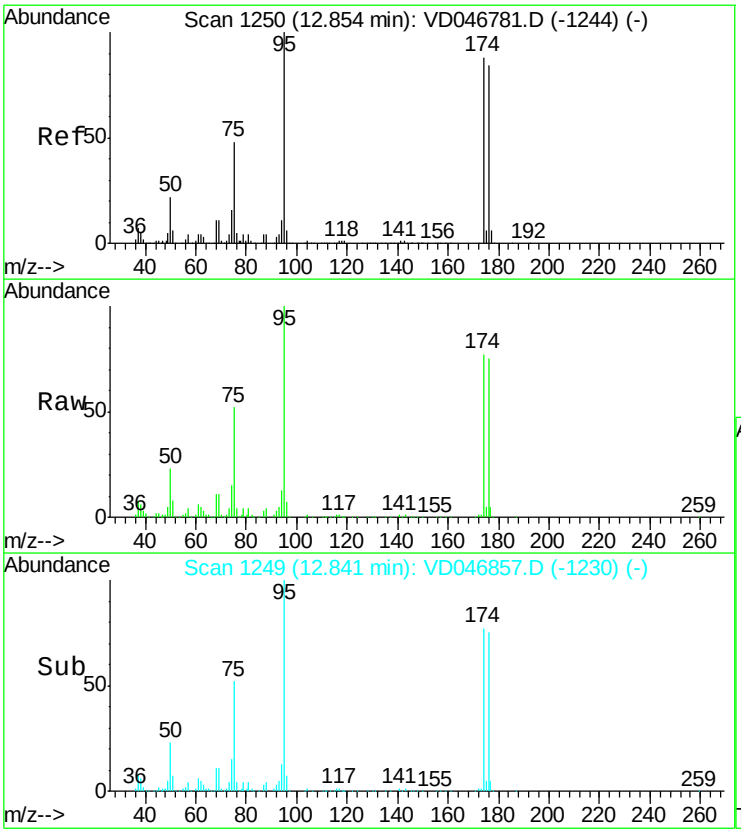
#58
2-Chloroethyl Vinyl ether
Concen: 6.41 ug/l
RT: 9.00 min Scan# 859
Delta R.T. -0.04 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Instrument :
MSVOA_D
ClientSampleId :
S2-10

Tgt Ion: 63 Resp: 38

Ion	Ratio	Lower	Upper
63	100		
106	0.0	17.8	26.8#

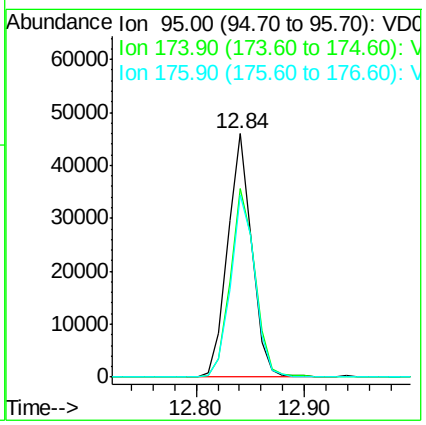


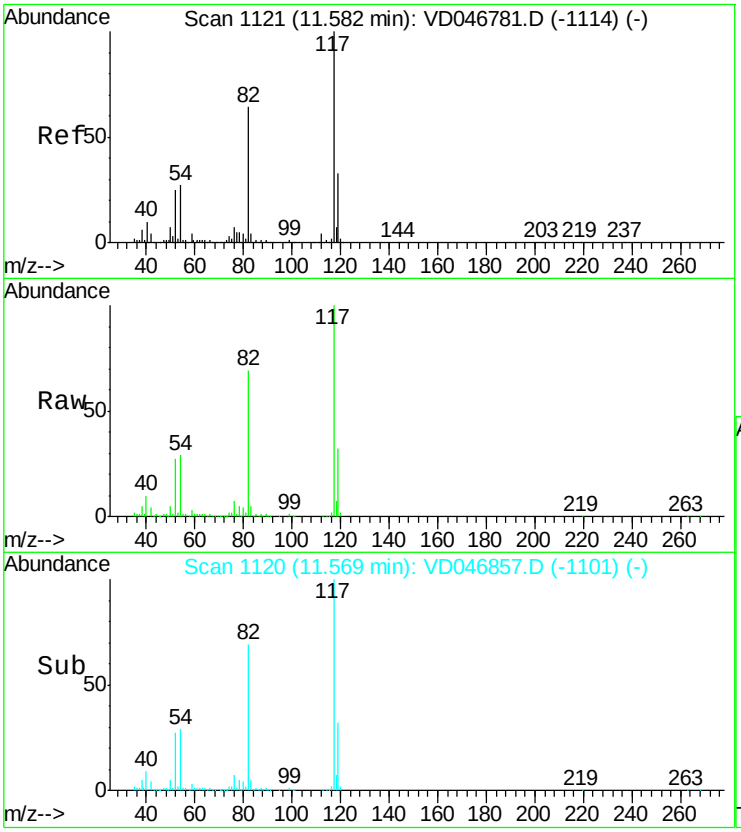


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.84 min Scan# 1249
Delta R.T. -0.01 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Tgt Ion: 95 Resp: 71530

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	149.8
176	74.9	0.0	143.4



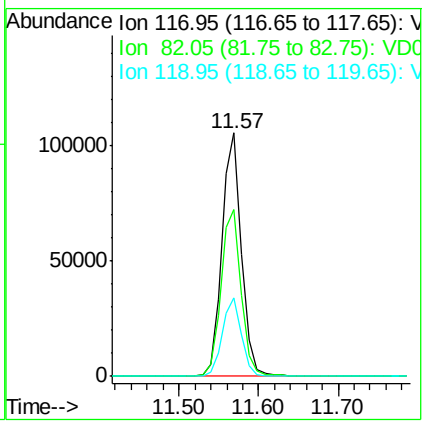


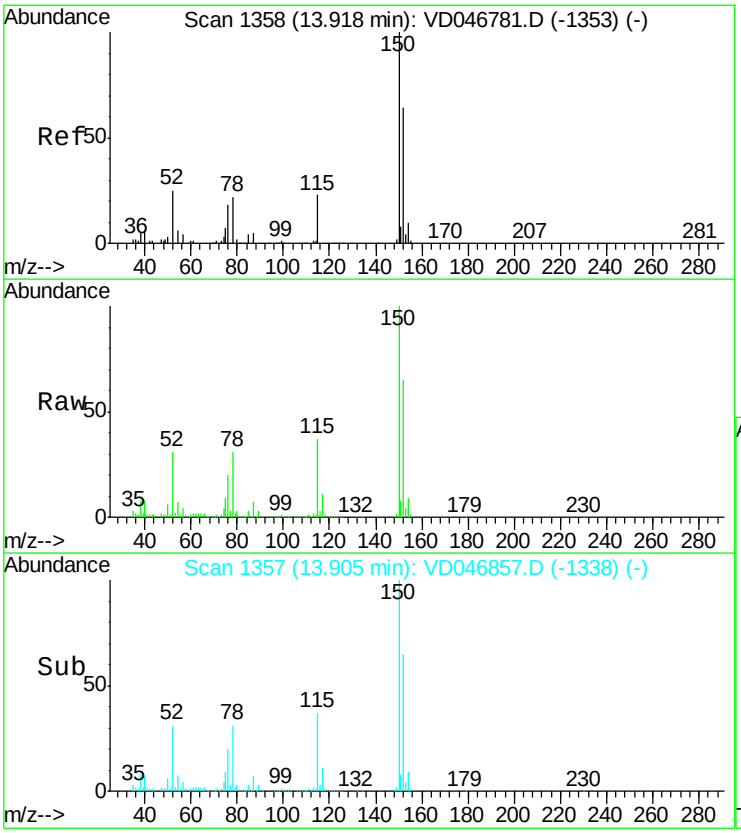
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.57 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Instrument : MSVOA_D
ClientSampleId : S2-10

Tgt Ion:117 Resp: 181896

Ion	Ratio	Lower	Upper
117	100		
82	68.6	50.6	75.8
119	32.2	25.8	38.8

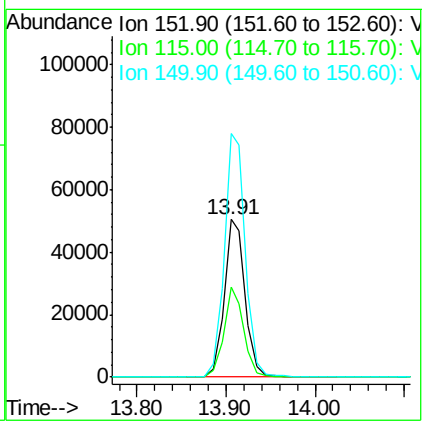


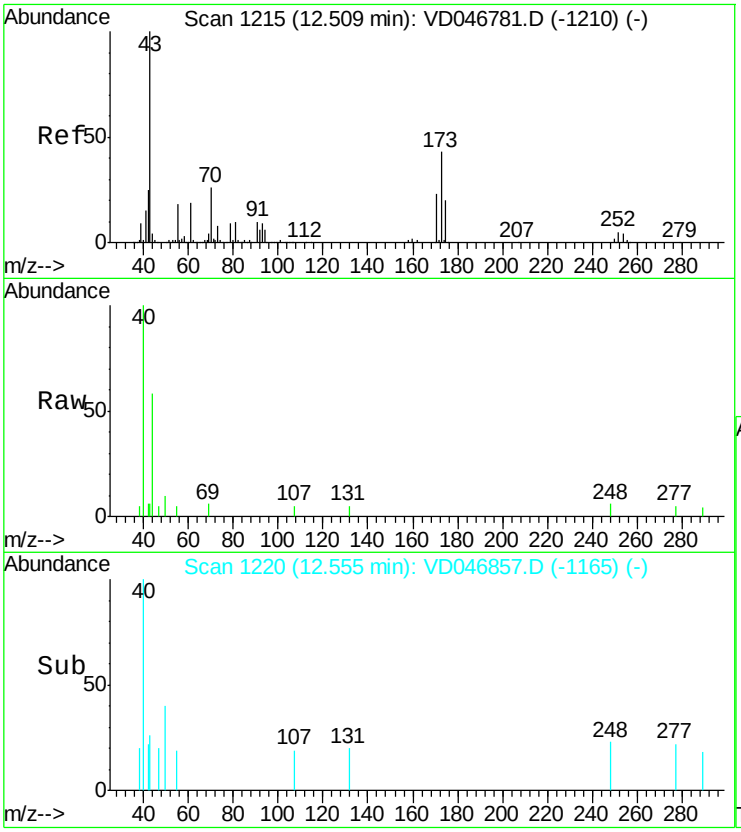


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.91 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Tgt Ion:152 Resp: 83515

Ion	Ratio	Lower	Upper
152	100		
115	57.4	26.2	78.6
150	154.7	0.0	311.8



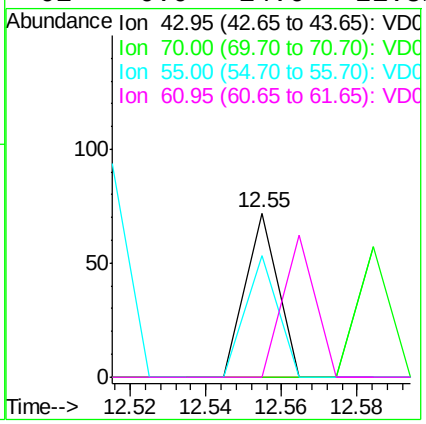


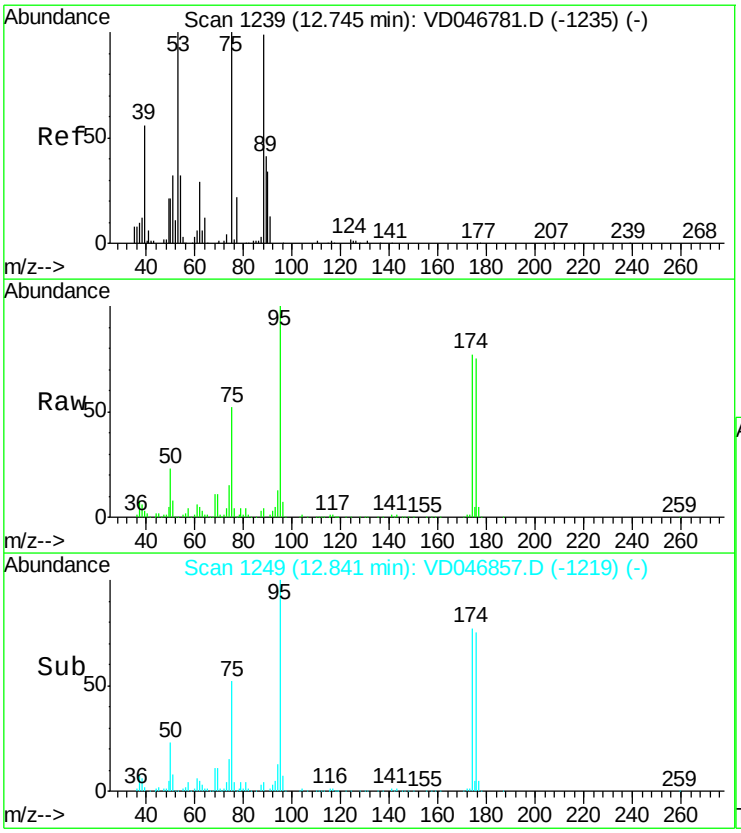
#74
N-amyl acetate
Concen: 4.74 ug/l
RT: 12.55 min Scan# 1220
Delta R.T. 0.05 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Instrument : MSVOA_D
ClientSampleId : S2-10

Tgt Ion: 43 Resp: 43

Ion	Ratio	Lower	Upper
43	100		
70	0.0	22.1	33.1#
55	73.6	14.5	21.7#
61	0.0	14.6	21.8#

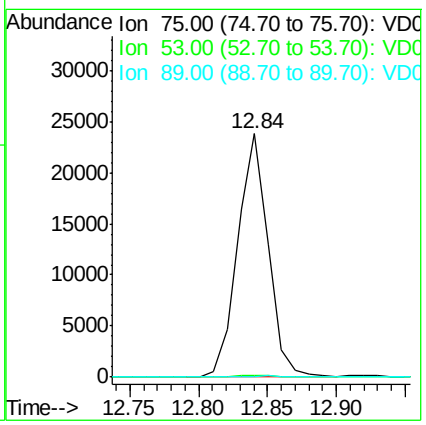


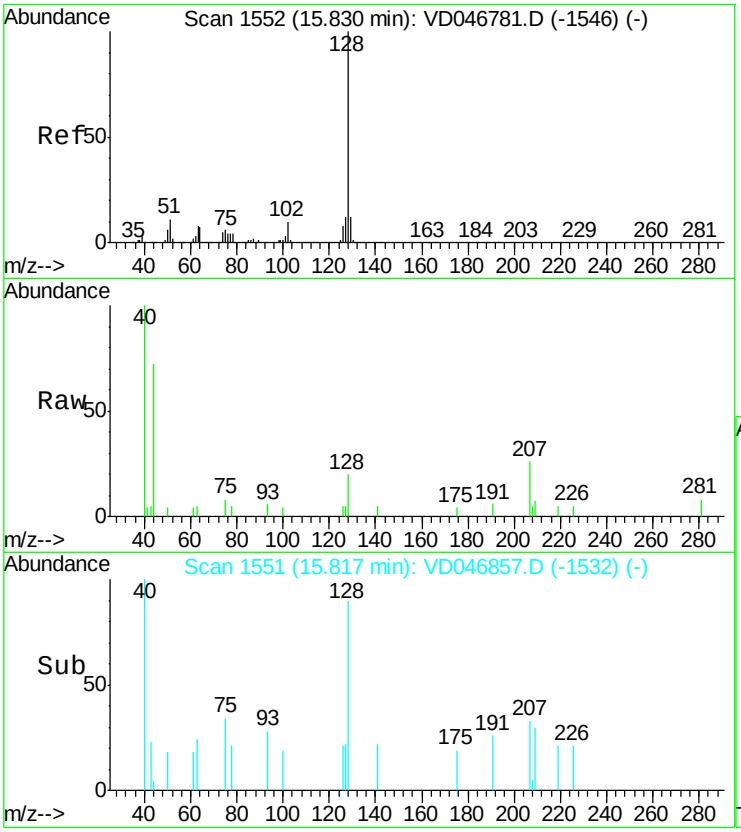


#81
trans-1,4-Dichloro-2-butene
Concen: 125.15 ug/l
RT: 12.84 min Scan# 1249
Delta R.T. 0.10 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Tgt Ion: 75 Resp: 36717

Ion	Ratio	Lower	Upper
75	100		
53	0.5	82.3	123.5#
89	0.0	36.6	54.8#





#95
Naphthalene
Concen: 2.60 ug/l
RT: 15.82 min Scan# 1551
Delta R.T. -0.01 min
Lab File: VD046857.D
Acq: 23 Sep 2015 16:02

Instrument :
MSVOA_D
ClientSampleId :
S2-10

Tgt Ion:128 Resp: 417

Ion	Ratio	Lower	Upper
128	100		
127	24.8	9.8	14.6#
129	0.0	8.6	12.8#