Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111218\
Data File : VD060337.D
Acq On : 12 Nov 2018 15:05
Operator : JC/SY
Sample : J5889-07
Misc : 9.08g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : DUP

Quant Time: Nov 13 00:40:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	6.39	168	944779	50.00	ug/l		-0.04
34) 1,4-Difluorobenzene	7.42	114	1409173	50.00	ug/l		-0.04
63) Chlorobenzene-d5	11.27	117	1325589	50.00	ug/l		-0.03
72) 1,4-Dichlorobenzene-d4	13.37	152	769826	50.00	ug/l		-0.02
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.76	65	365456	54.02	ug/l		-0.04
Spiked Amount 50.000			Recovery = 108.04%				
35) Dibromofluoromethane	6.30	113	430215	40.94	ug/l		-0.04
Spiked Amount 50.000			Recovery = 81.88%				
50) Toluene-d8	9.43	98	1166622	37.93	ug/l		-0.04
Spiked Amount 50.000			Recovery = 75.86%				
62) 4-Bromofluorobenzene	12.41	95	546534	49.04	ug/l		-0.03
Spiked Amount 50.000			Recovery = 98.08%				
Target Compounds							Qvalue
13) Acrolein	3.09	56	3945	12.019	ug/l		97
16) Acetone	3.14	43	58776	50.089	ug/l		97
20) Methylene Chloride	3.69	84	100814	9.685	ug/l		98
29) Tetrahydrofuran	5.93	42	1920	1.493	ug/l	#	41
31) Cyclohexane	6.34	56	70882	4.389	ug/l	#	82
36) 1,1-Dichloropropene	6.38	75	72661	5.219	ug/l	#	46
38) Carbon Tetrachloride	6.38	117	73513	5.692	ug/l	#	16
39) Methylcyclohexane	8.01	83	26328	1.644	ug/l	#	87
43) Isopropyl Acetate	8.13	43	71561	8.893	ug/l	#	47
48) Methyl methacrylate	8.22	41	24852	5.084	ug/l	#	43
51) 4-Methyl-2-Pentanone	9.37	43	39216	7.487	ug/l	#	77
52) Toluene	9.53	92	344887	15.193	ug/l		96
55) 1,1,2-Trichloroethane	10.09	97	12438	1.890	ug/l	#	15
59) 2-Hexanone	10.42	43	24996	6.696	ug/l	#	35
67) Ethyl Benzene	11.42	91	267422	5.443	ug/l		96
68) m/p-Xylenes	11.55	106	357603	19.731	ug/l		90
69) o-Xylene	11.92	106	174439	9.962	ug/l		96
74) N-amyl acetate	12.18	43	64918	4.515	ug/l	#	36
75) 1,1,2,2-Tetrachloroethane	12.57	83	15544	1.695	ug/l	#	57
78) n-propylbenzene	12.63	91	138827	1.983	ug/l		99
79) 2-Chlorotoluene	12.70	91	57218	1.492	ug/l	#	40
80) 1,3,5-Trimethylbenzene	12.79	105	188630	4.328	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.41	75	218576	83.370	ug/l	#	16
83) tert-Butylbenzene	13.08	119	53534	1.106	ug/l	#	64
84) 1,2,4-Trimethylbenzene	13.08	105	458538	10.533	ug/l		100
90) Hexachloroethane	13.89	117	19141	1.688	ug/l	#	9
92) 1,2-Dibromo-3-Chloropropan	14.21	75	1518	1.371	ug/l	#	1
95) Naphthalene	14.96	128	104276	4.947	ug/l	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111218\
Data File : VD060337.D
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Misc : 9.08g/5ml/MSVOA_D/SOIL
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Instrument :
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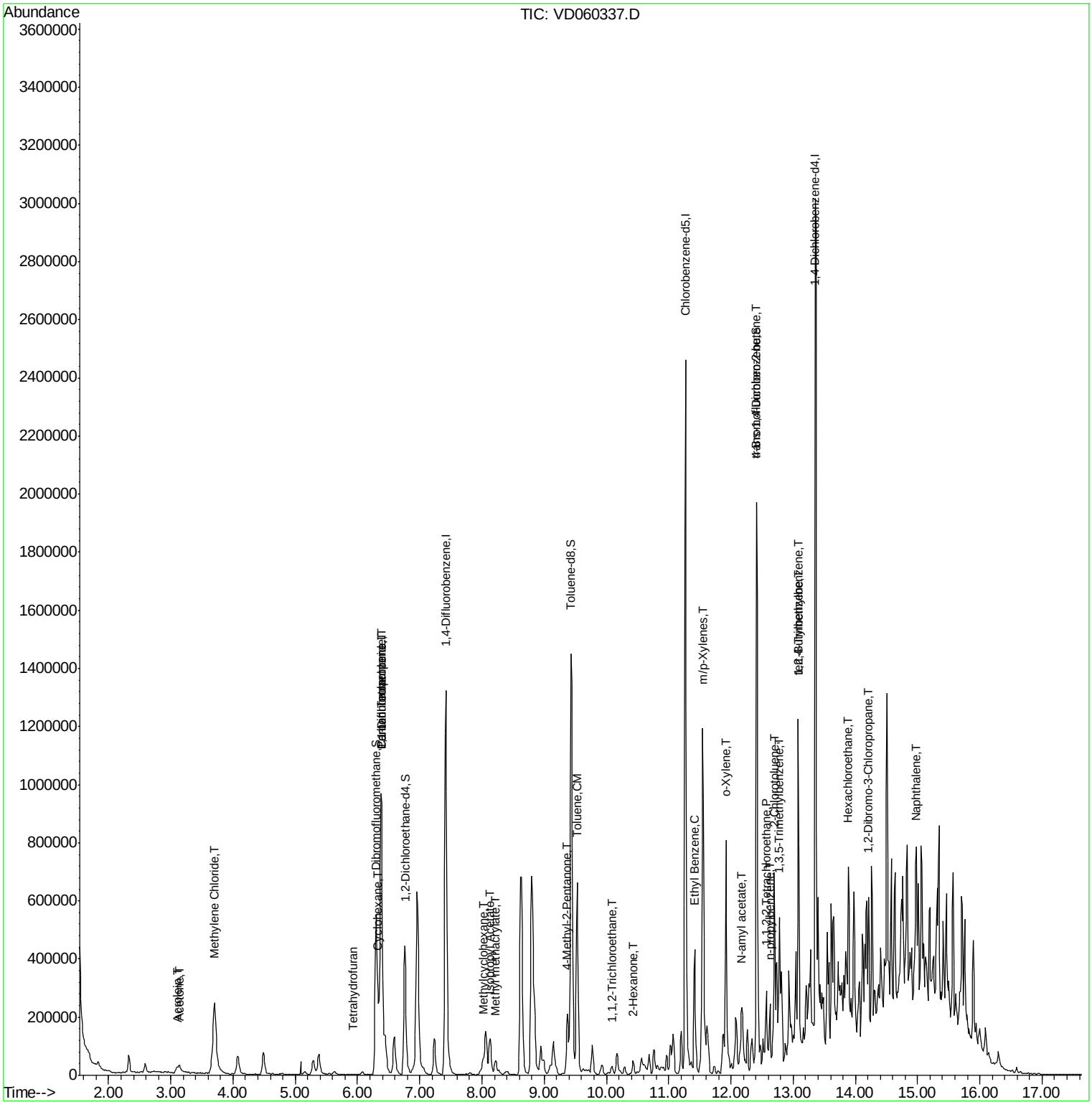
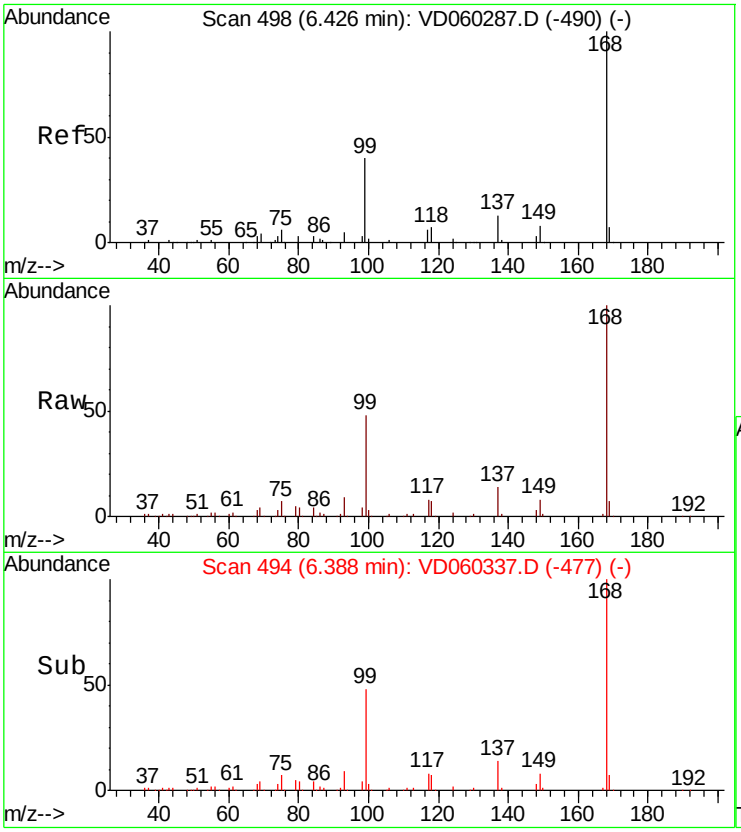
DUP

Quant Time: Nov 13 00:40:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration



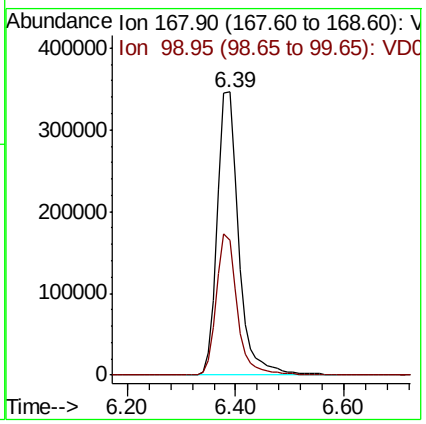


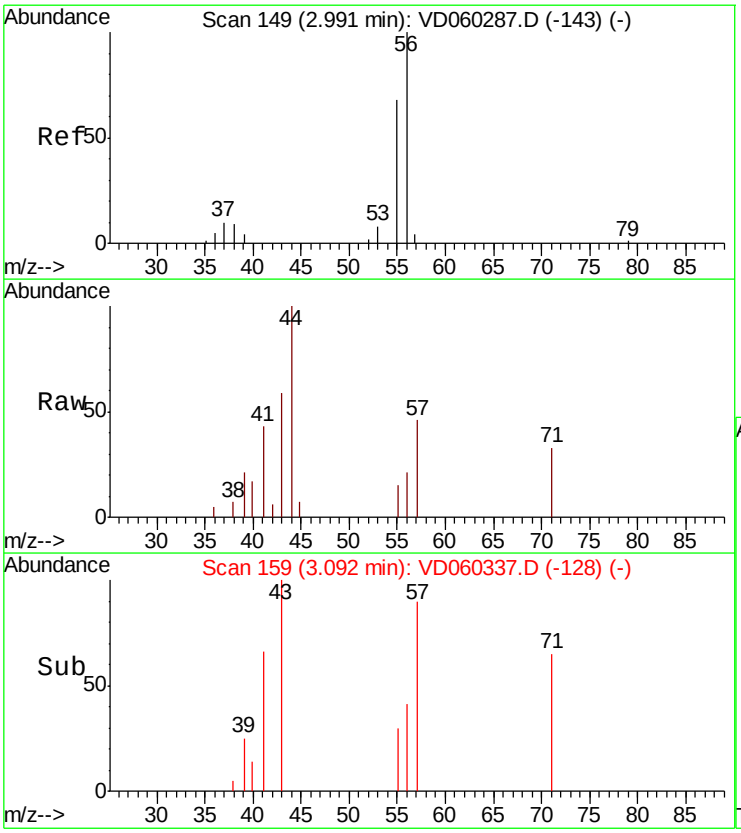
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 494
Delta R.T. -0.04 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument :
MSVOA_D
ClientSampleId :
DUP

Tgt Ion:168 Resp: 944779

Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.8	59.8

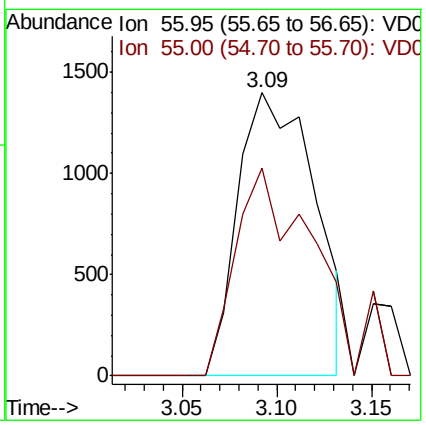


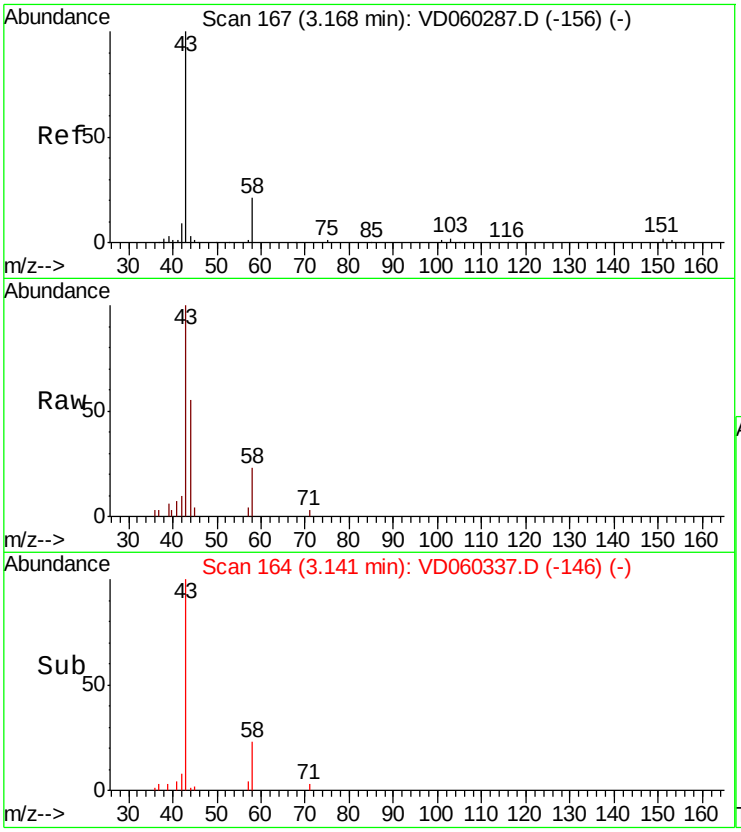


#13
Acrolein
Concen: 12.019 ug/l
RT: 3.09 min Scan# 159
Delta R.T. 0.10 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion: 56 Resp: 3945

Ion	Ratio	Lower	Upper
56	100		
55	73.4	57.0	85.6



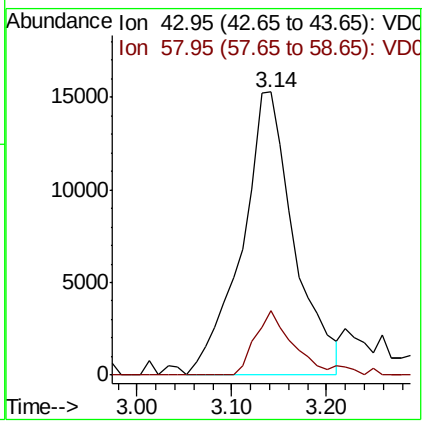


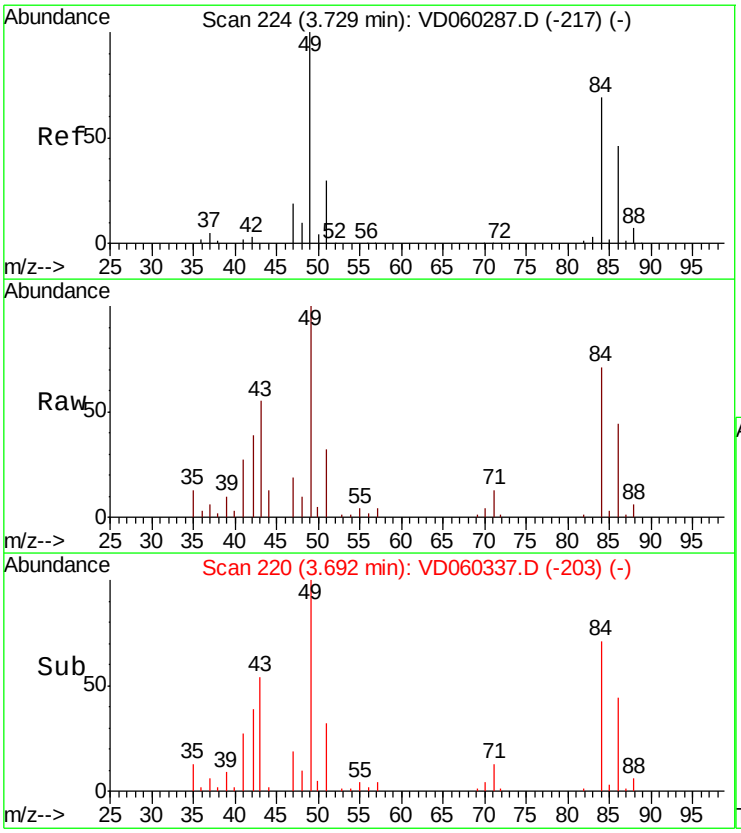
#16
Acetone
Concen: 50.089 ug/l
RT: 3.14 min Scan# 164
Delta R.T. -0.03 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument :
MSVOA_D
ClientSampleId :
DUP

Tgt Ion: 43 Resp: 58776

Ion	Ratio	Lower	Upper
43	100		
58	22.6	16.9	25.3

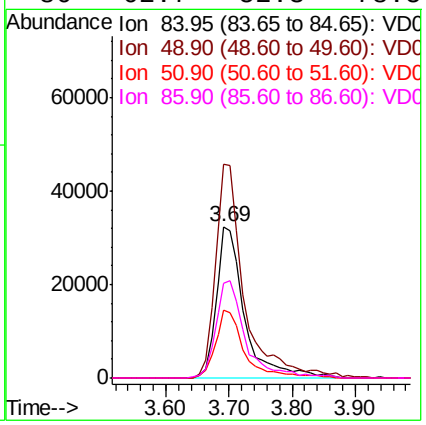


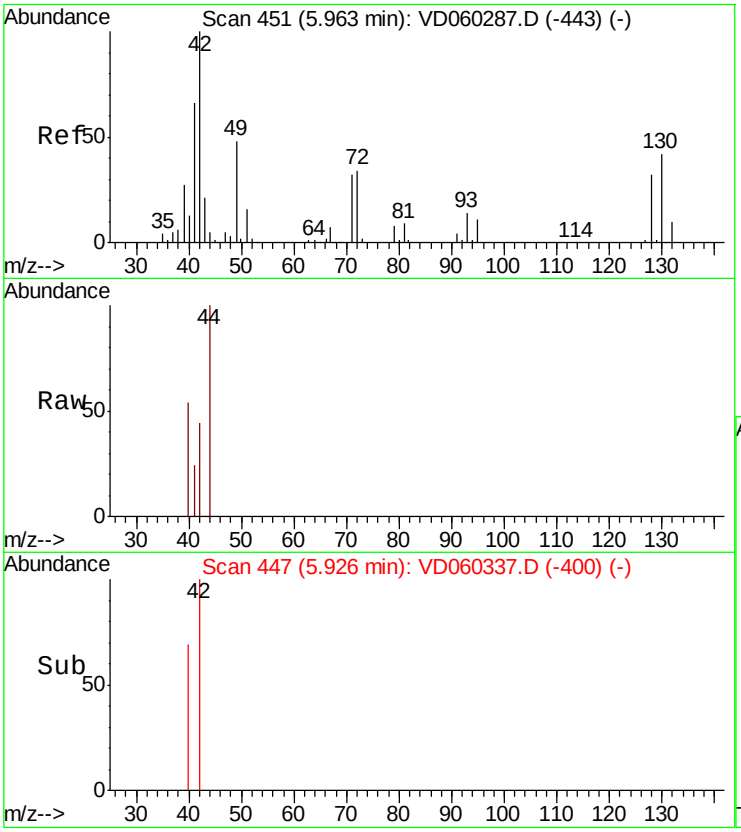


#20
Methylene Chloride
Concen: 9.685 ug/l
RT: 3.69 min Scan# 220
Delta R.T. -0.04 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion: 84 Resp: 100814

Ion	Ratio	Lower	Upper
84	100		
49	141.2	115.6	173.4
51	44.7	35.6	53.4
86	62.7	52.3	78.5



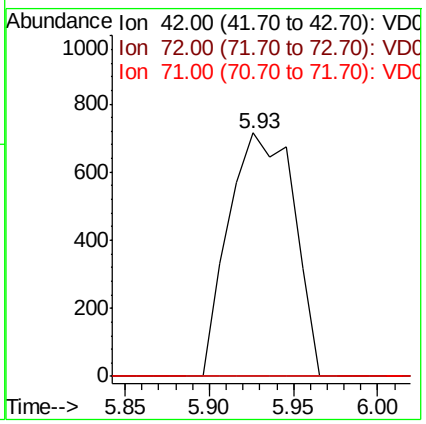


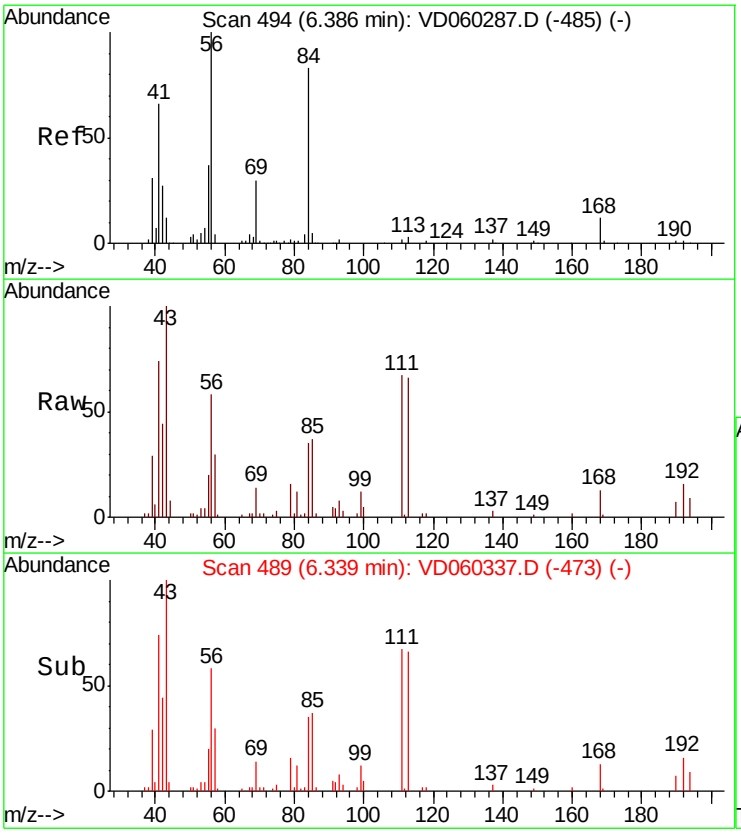
#29
Tetrahydrofuran
Concen: 1.493 ug/l
RT: 5.93 min Scan# 447
Delta R.T. -0.04 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument : MSVOA_D
ClientSampleId : DUP

Tgt Ion: 42 Resp: 1920

Ion	Ratio	Lower	Upper
42	100		
72	0.0	27.6	41.4#
71	0.0	26.5	39.7#

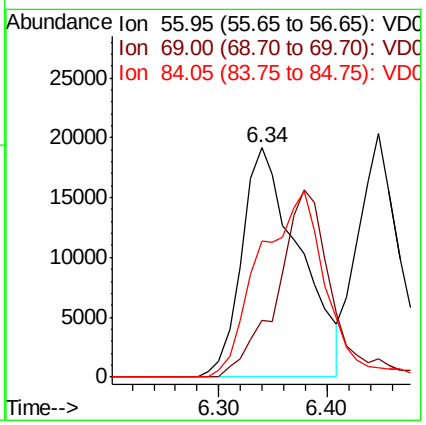


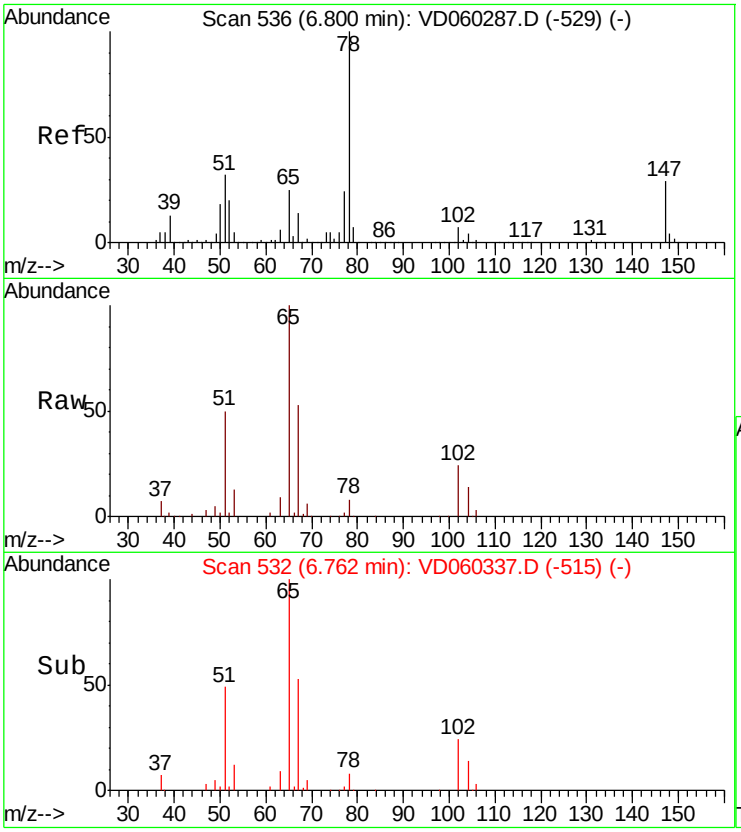


#31
Cyclohexane
Concen: 4.389 ug/l
RT: 6.34 min Scan# 489
Delta R.T. -0.05 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion: 56 Resp: 70882

Ion	Ratio	Lower	Upper
56	100		
69	24.7	22.2	33.2
84	59.2	63.0	94.4#



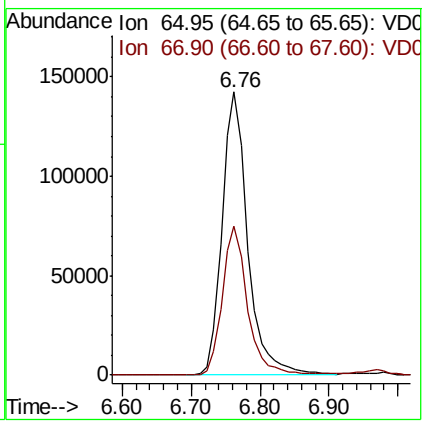


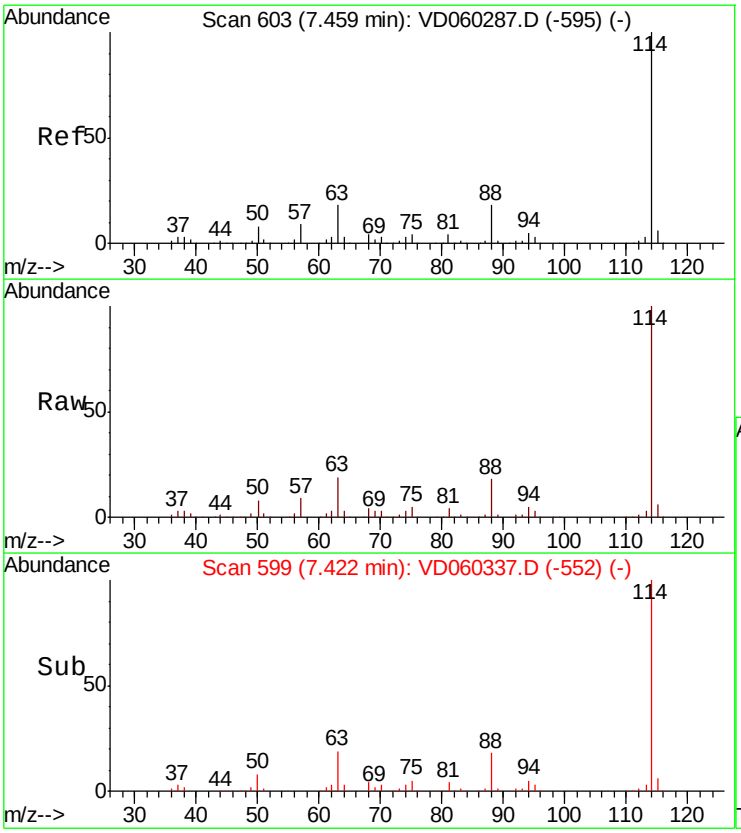
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 532
Delta R.T. -0.04 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument : MSVOA_D
ClientSampleId : DUP

Tgt Ion: 65 Resp: 365456

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	109.8

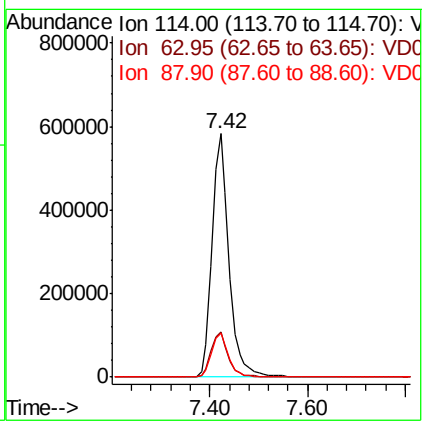


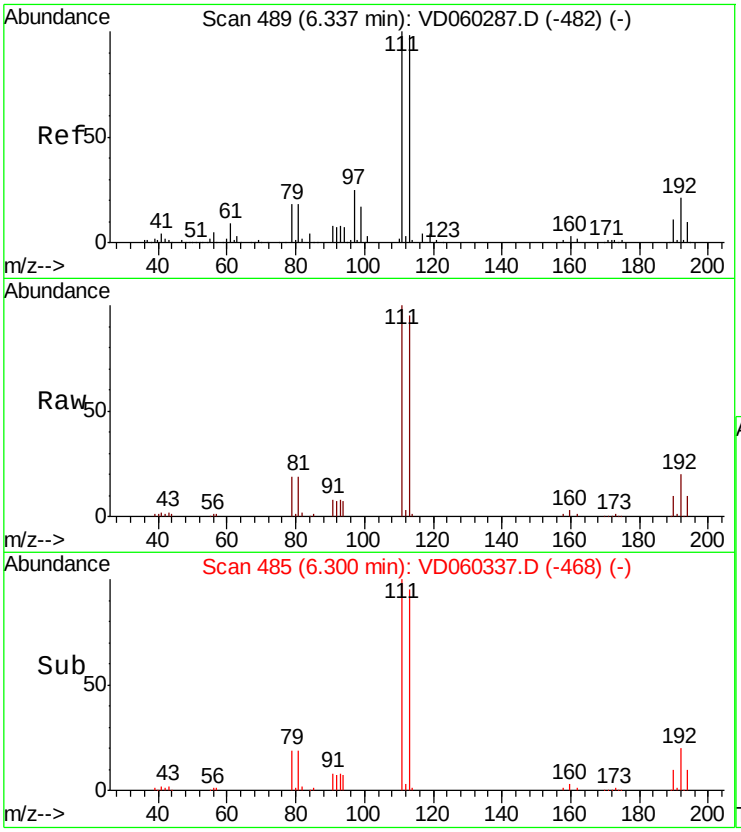


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.42 min Scan# 599
Delta R.T. -0.04 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion:114 Resp: 1409173

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	34.0
88	17.9	0.0	35.4



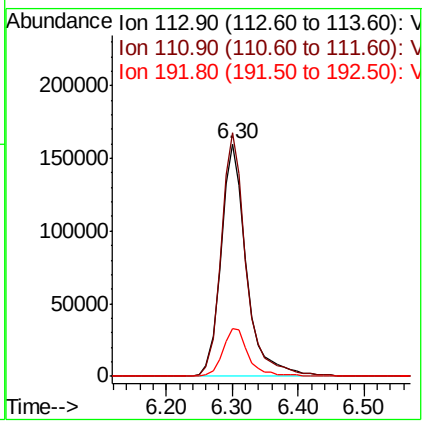


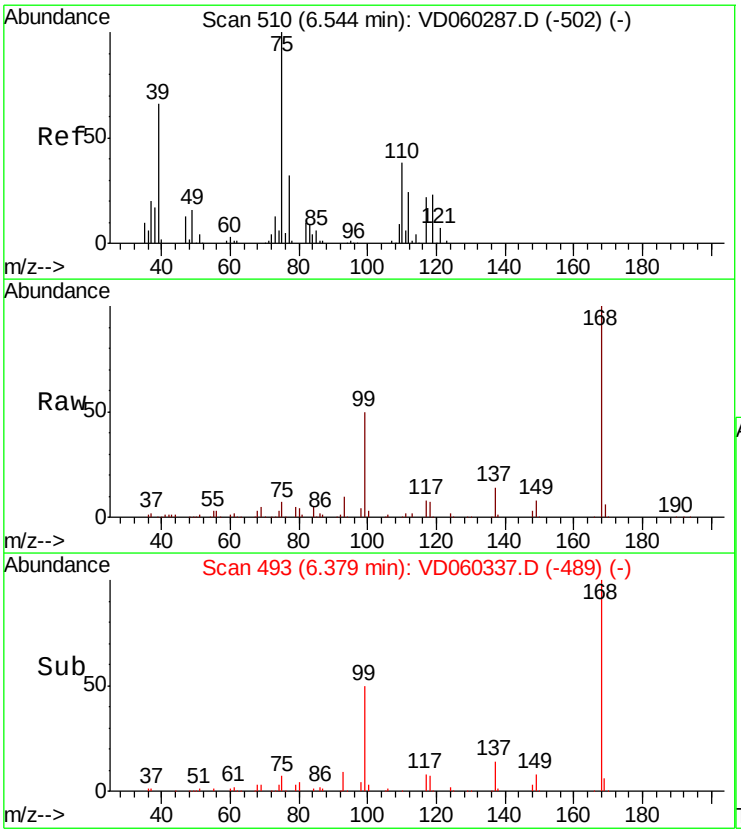
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.30 min Scan# 485
Delta R.T. -0.04 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument :
MSVOA_D
ClientSampleId :
DUP

Tgt Ion:113 Resp: 430215

Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.6	122.4
192	20.8	16.5	24.7

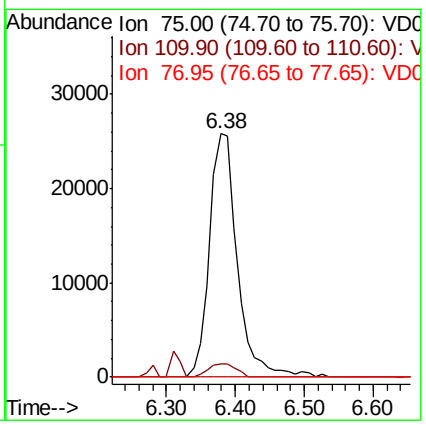


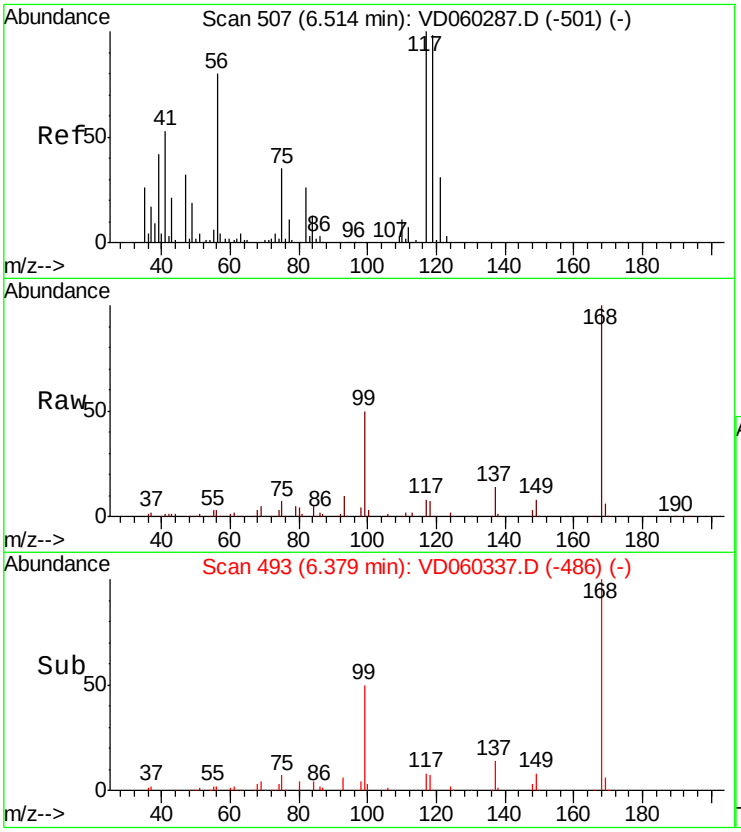


#36
1,1-Dichloropropene
Concen: 5.219 ug/l
RT: 6.38 min Scan# 493
Delta R.T. -0.16 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion: 75 Resp: 72661

Ion	Ratio	Lower	Upper
75	100		
110	5.7	18.0	54.0#
77	0.0	25.6	38.4#



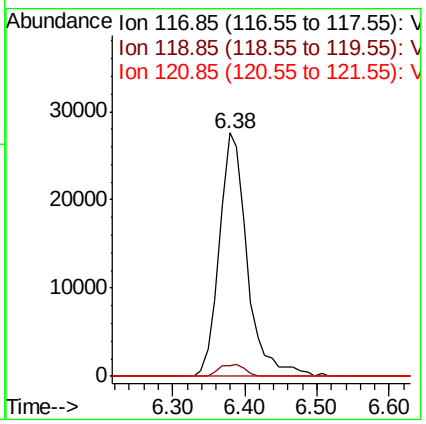


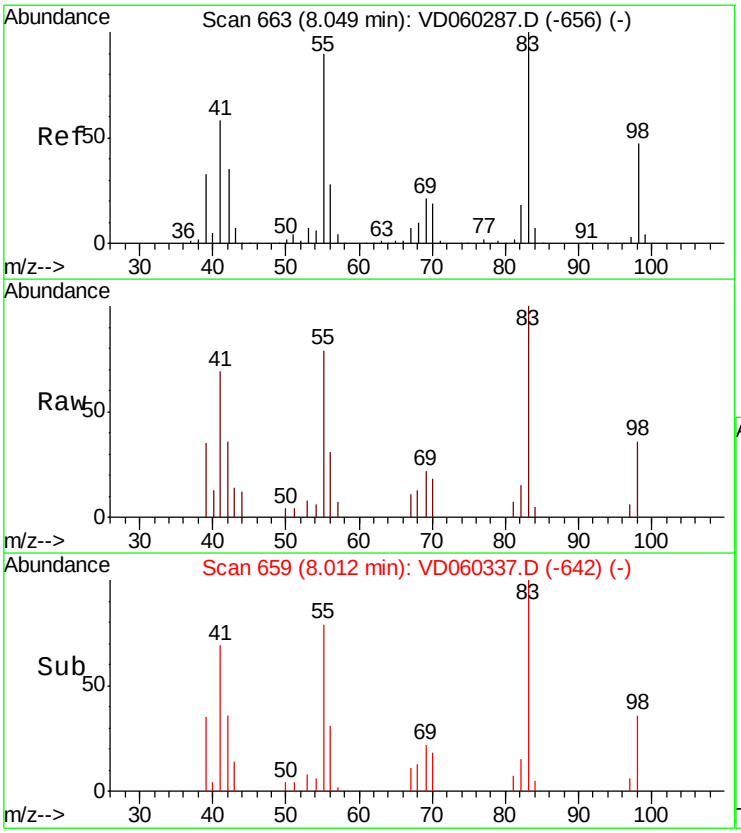
#38
Carbon Tetrachloride
Concen: 5.692 ug/l
RT: 6.38 min Scan# 493
Delta R.T. -0.14 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument :
MSVOA_D
ClientSampleId :
DUP

Tgt Ion:117 Resp: 73513

Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.6	115.0#
121	0.0	24.3	36.5#

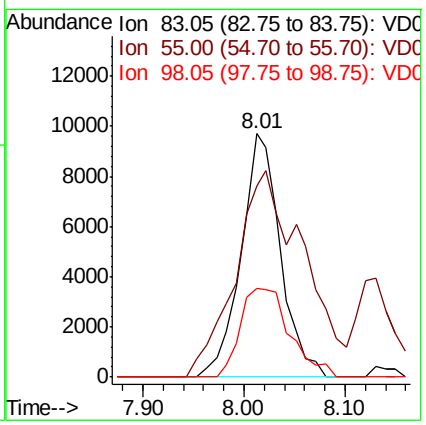


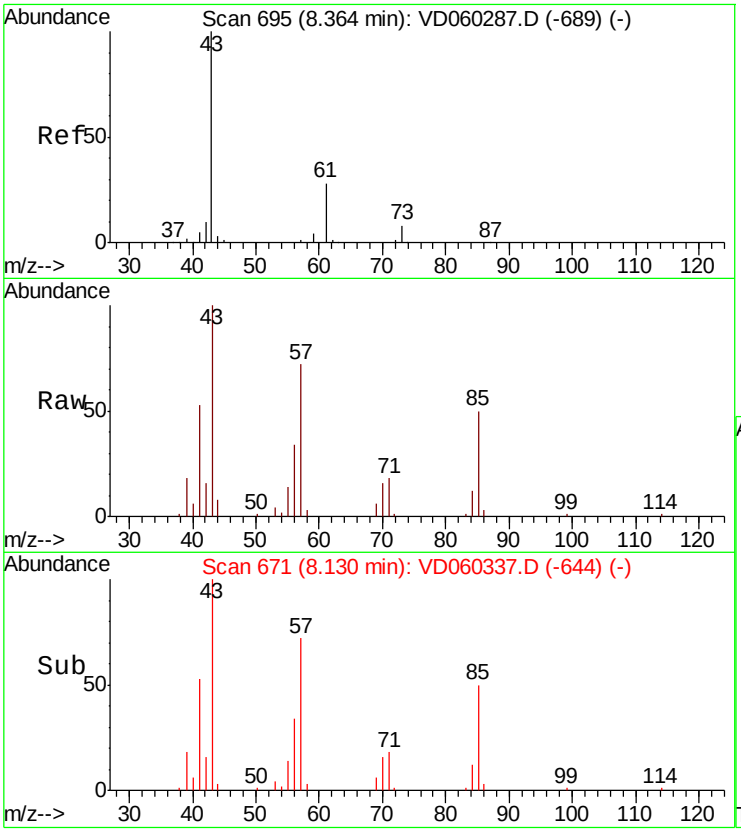


#39
Methylcyclohexane
Concen: 1.644 ug/l
RT: 8.01 min Scan# 659
Delta R.T. -0.04 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion: 83 Resp: 26328

Ion	Ratio	Lower	Upper
83	100		
55	78.7	71.2	106.8
98	36.3	38.4	57.6#



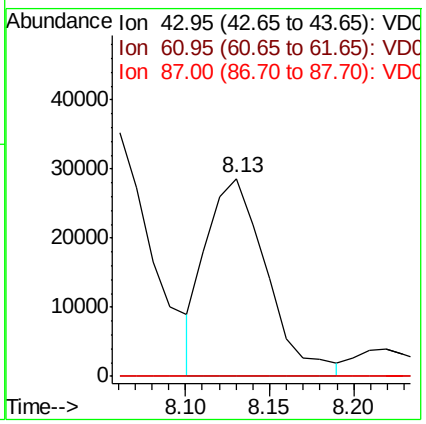


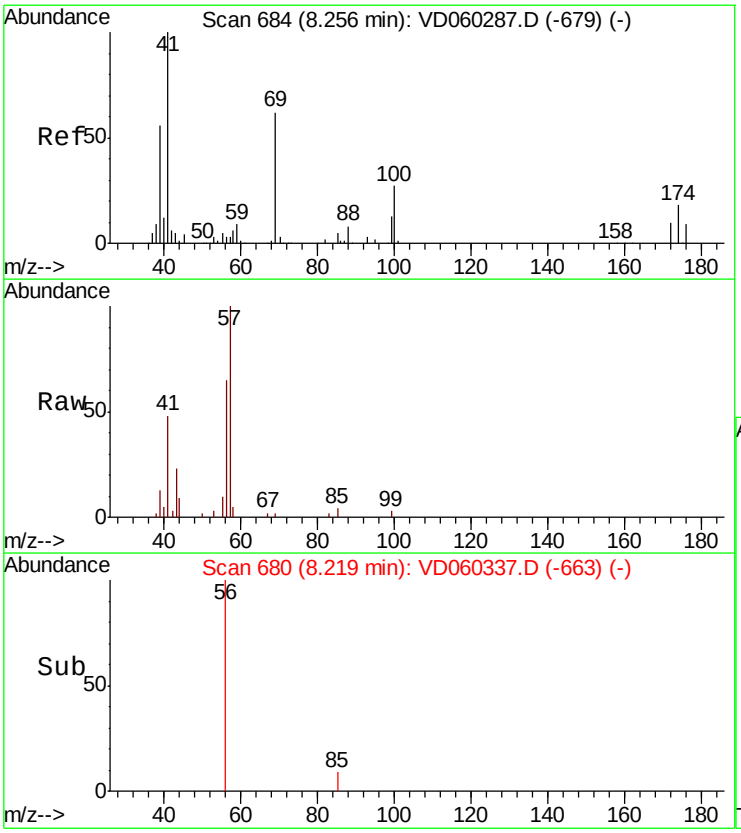
#43
Isopropyl Acetate
Concen: 8.893 ug/l
RT: 8.13 min Scan# 671
Delta R.T. -0.23 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument : MSVOA_D
ClientSampleId : DUP

Tgt Ion: 43 Resp: 71561

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.3	33.5#
87	0.0	0.2	0.2#

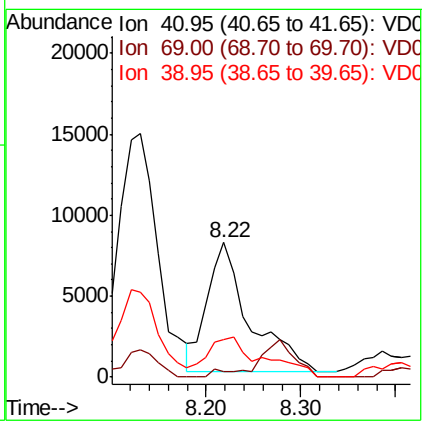


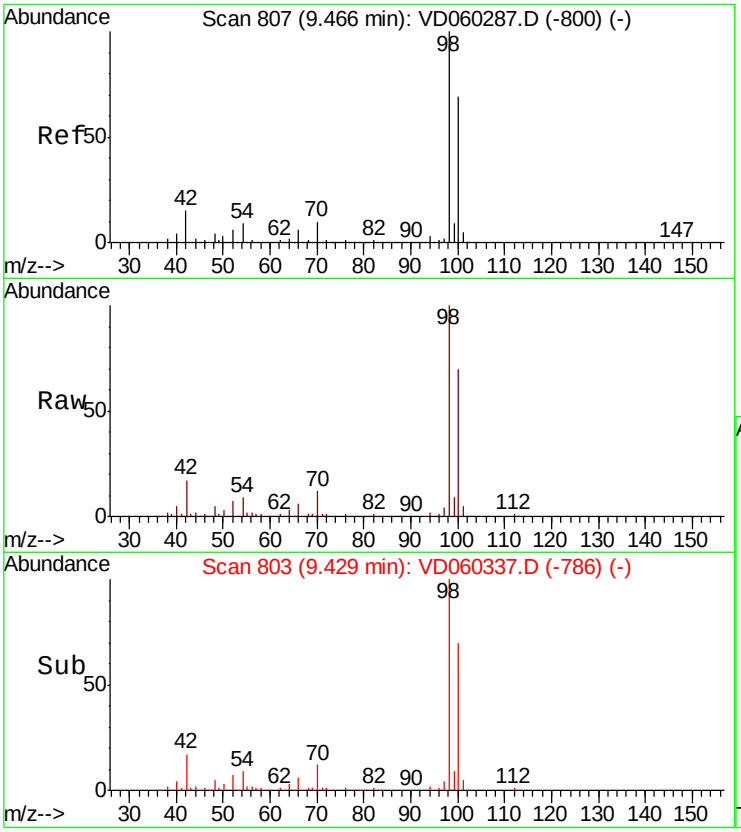


#48
Methyl methacrylate
Concen: 5.084 ug/l
RT: 8.22 min Scan# 680
Delta R.T. -0.04 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion: 41 Resp: 24852

Ion	Ratio	Lower	Upper
41	100		
69	4.4	47.0	70.4#
39	28.0	46.2	69.4#



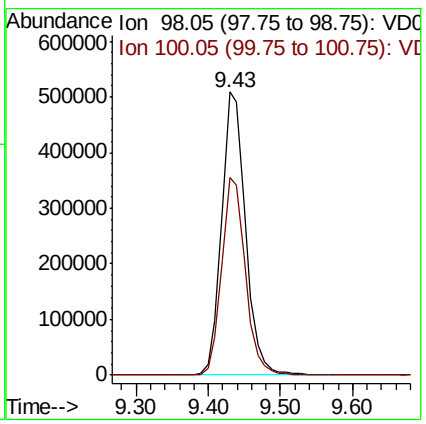


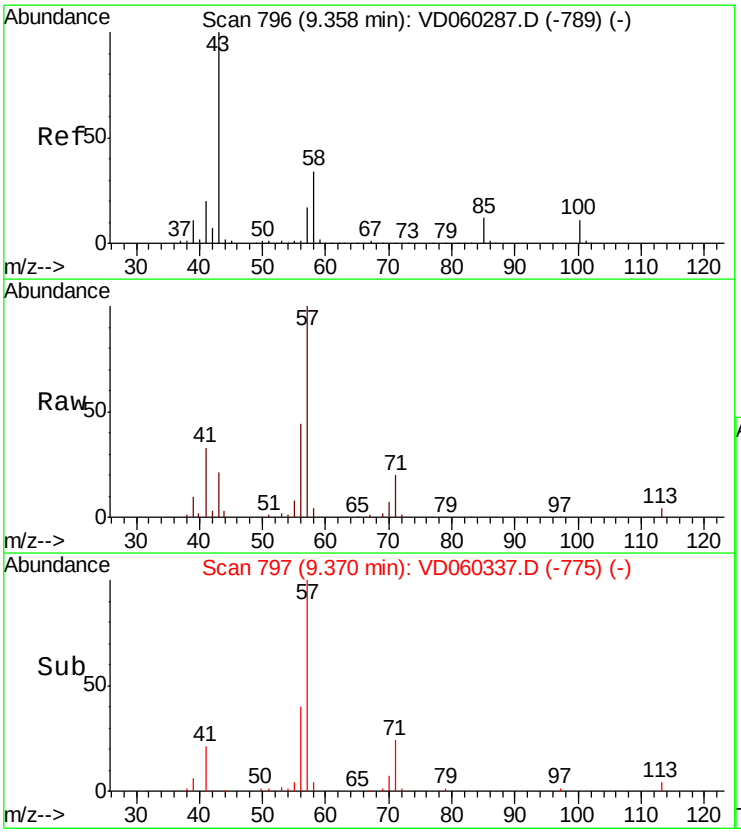
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 803
Delta R.T. -0.04 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument :
MSVOA_D
ClientSampleId :
DUP

Tgt Ion: 98 Resp: 1166622

Ion	Ratio	Lower	Upper
98	100		
100	69.9	55.2	82.8

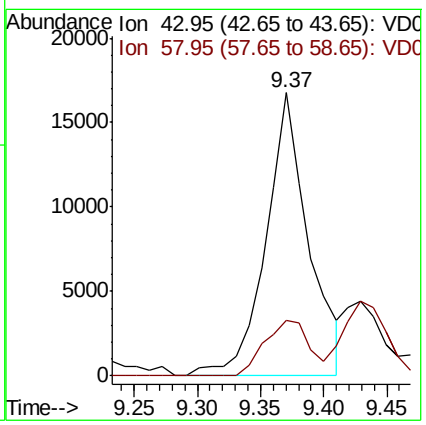


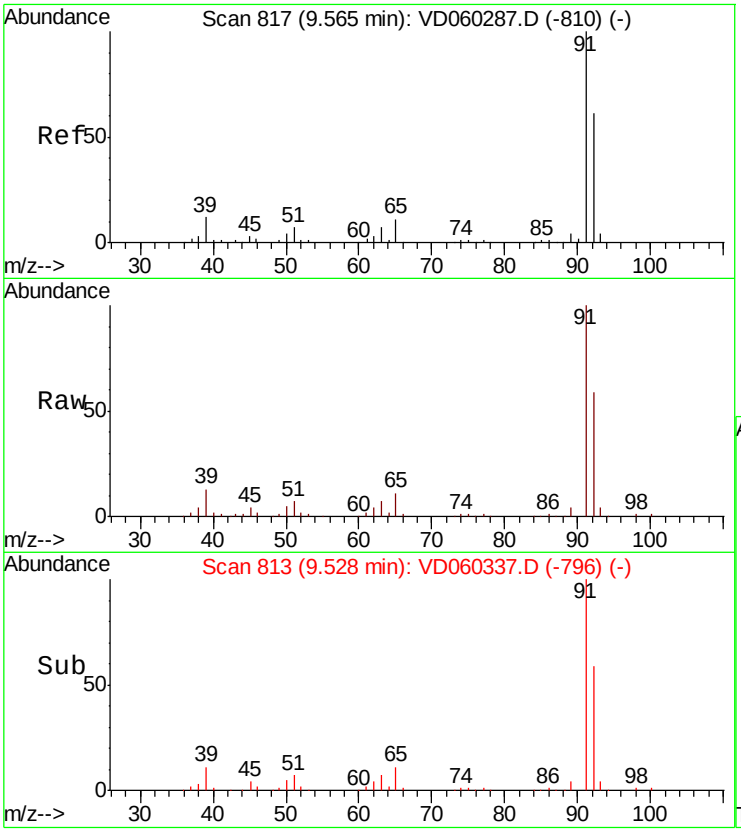


#51
4-Methyl-2-Pentanone
Concen: 7.487 ug/l
RT: 9.37 min Scan# 797
Delta R.T. 0.01 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion: 43 Resp: 39216

Ion	Ratio	Lower	Upper
43	100		
58	19.7	26.1	39.1#



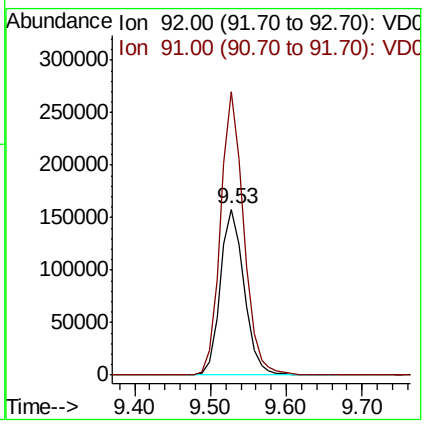


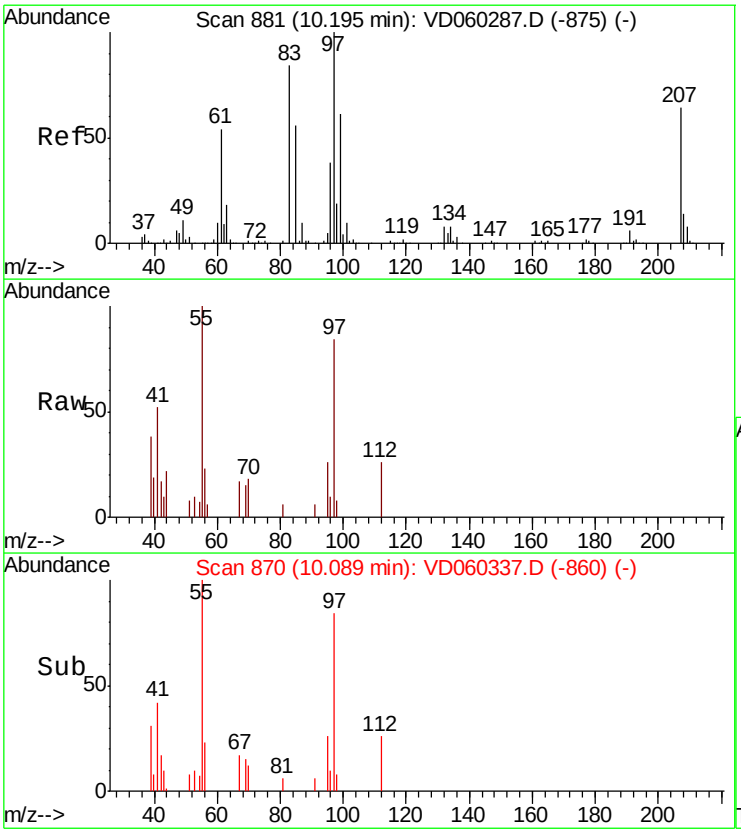
#52
Toluene
Concen: 15.193 ug/l
RT: 9.53 min Scan# 813
Delta R.T. -0.04 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument :
MSVOA_D
ClientSampleId :
DUP

Tgt Ion: 92 Resp: 344887

Ion	Ratio	Lower	Upper
92	100		
91	170.4	131.9	197.9

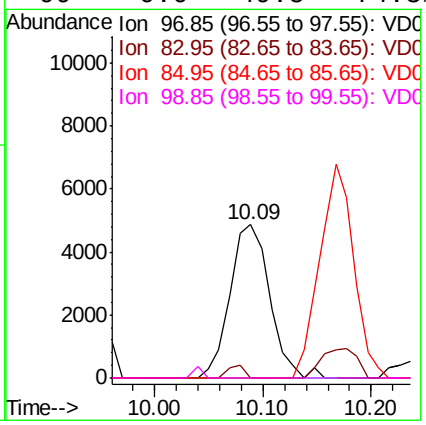


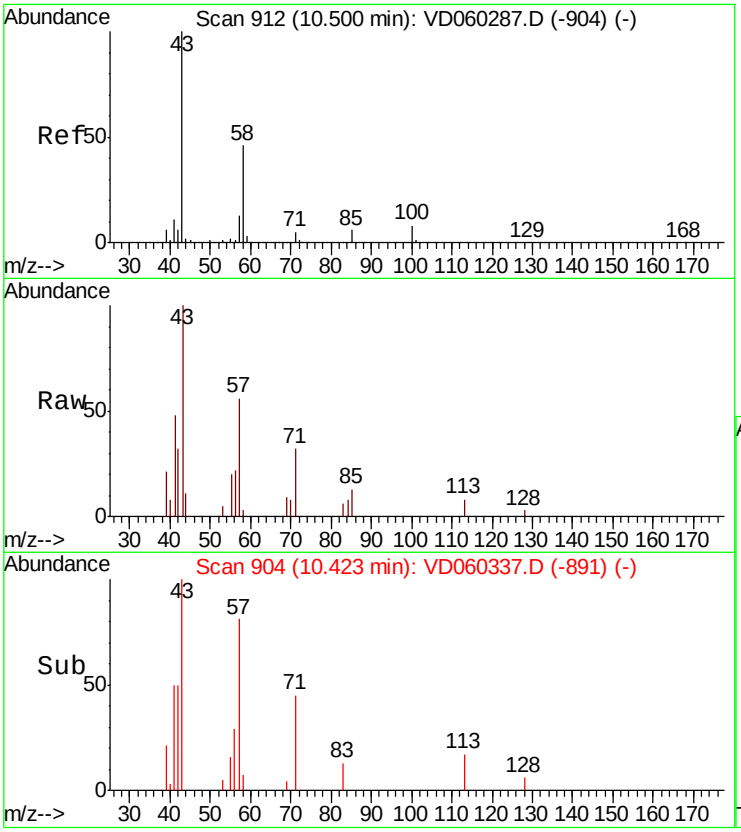


#55
1,1,2-Trichloroethane
Concen: 1.890 ug/l
RT: 10.09 min Scan# 870
Delta R.T. -0.11 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion: 97 Resp: 12438

Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.4	102.6#
85	0.0	46.8	70.2#
99	0.0	49.5	74.3#



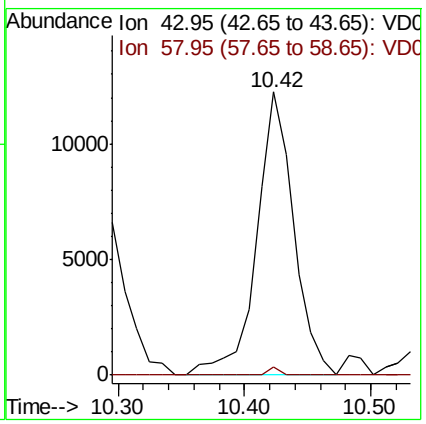


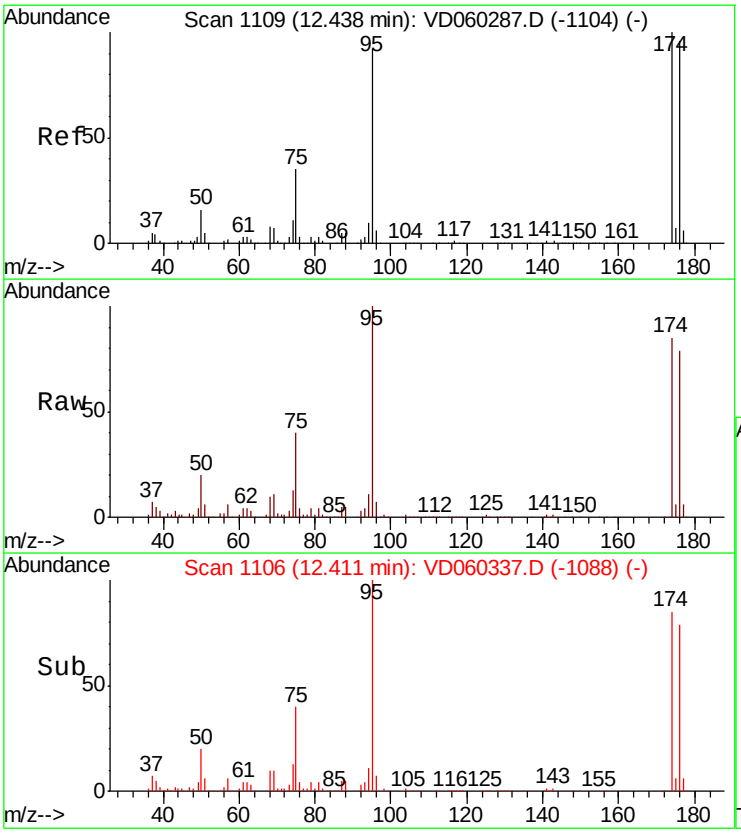
#59
2-Hexanone
Concen: 6.696 ug/l
RT: 10.42 min Scan# 904
Delta R.T. -0.08 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument : MSVOA_D
ClientSampleId : DUP

Tgt Ion: 43 Resp: 24996

Ion	Ratio	Lower	Upper
43	100		
58	3.1	22.9	68.5#

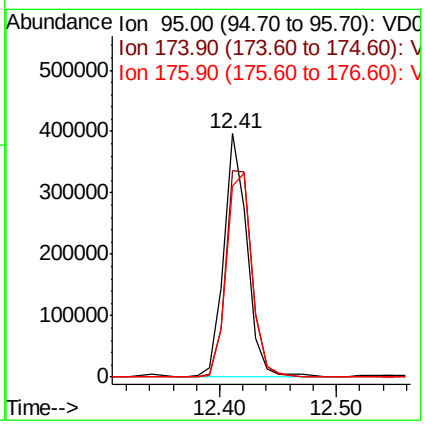


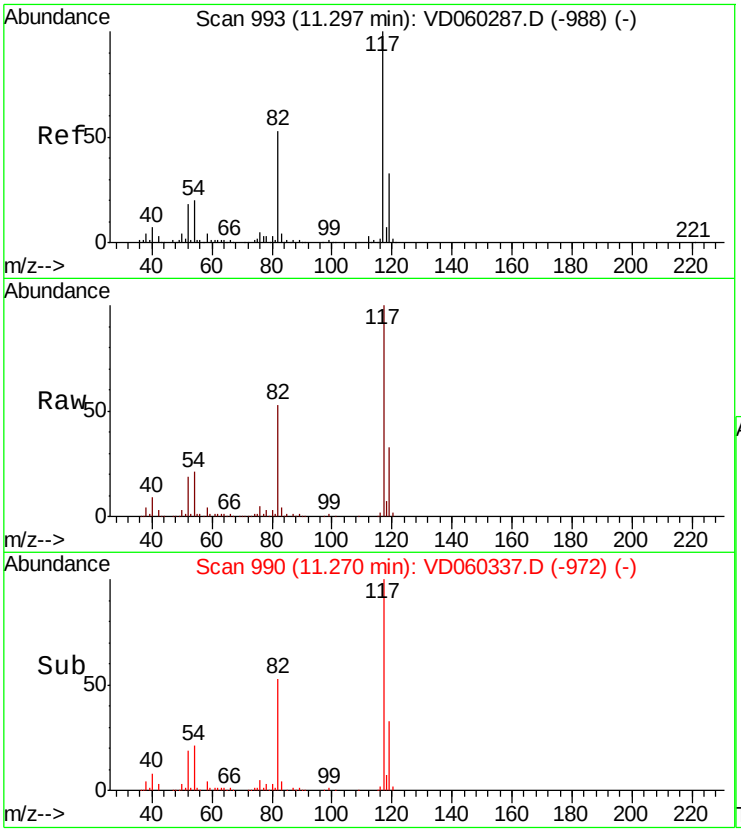


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.03 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion: 95 Resp: 546534

Ion	Ratio	Lower	Upper
95	100		
174	84.8	0.0	160.8
176	78.6	0.0	154.6



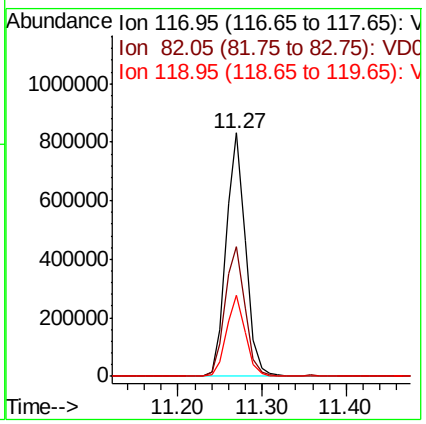


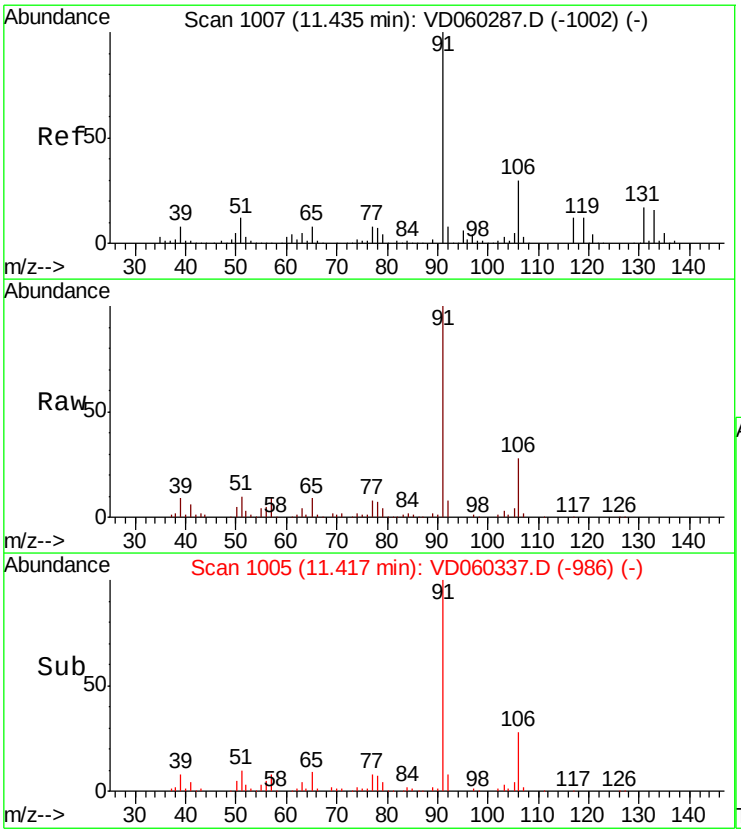
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument : MSVOA_D
ClientSampleId : DUP

Tgt Ion:117 Resp: 1325589

Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.7	65.5
119	33.1	26.1	39.1

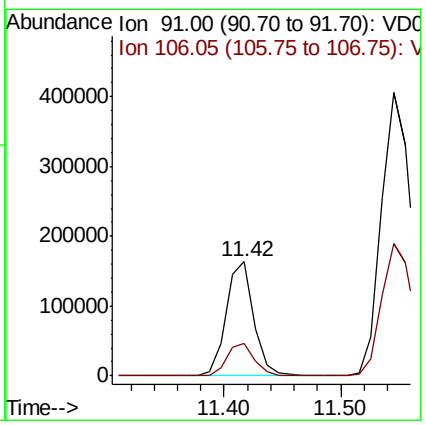


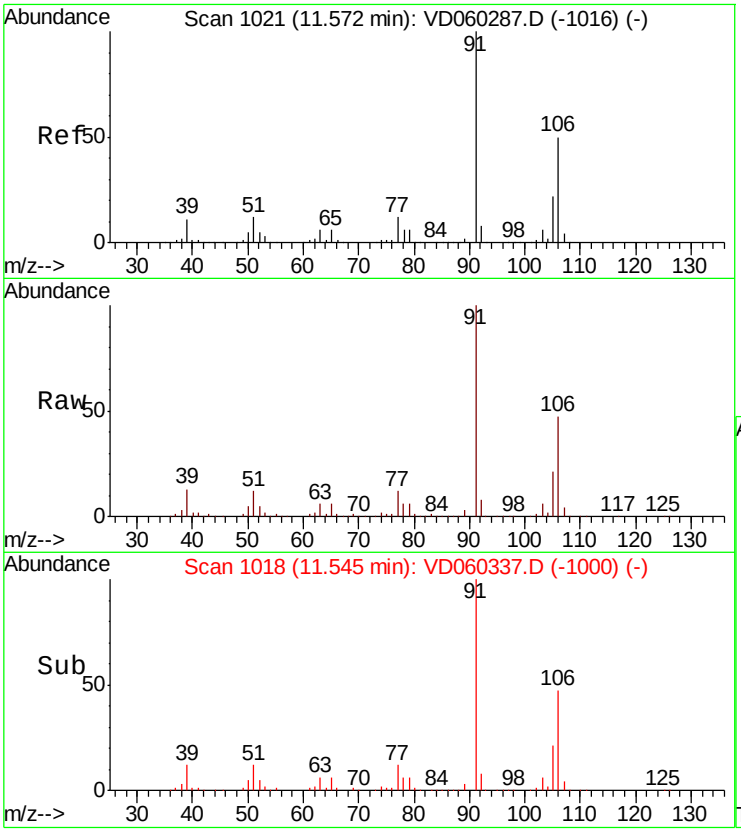


#67
Ethyl Benzene
Concen: 5.443 ug/l
RT: 11.42 min Scan# 1005
Delta R.T. -0.02 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion: 91 Resp: 267422

Ion	Ratio	Lower	Upper
91	100		
106	28.4	24.6	36.8



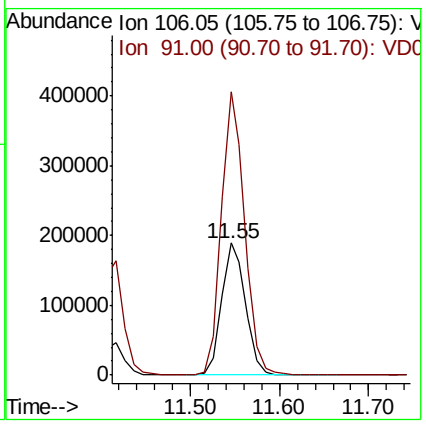


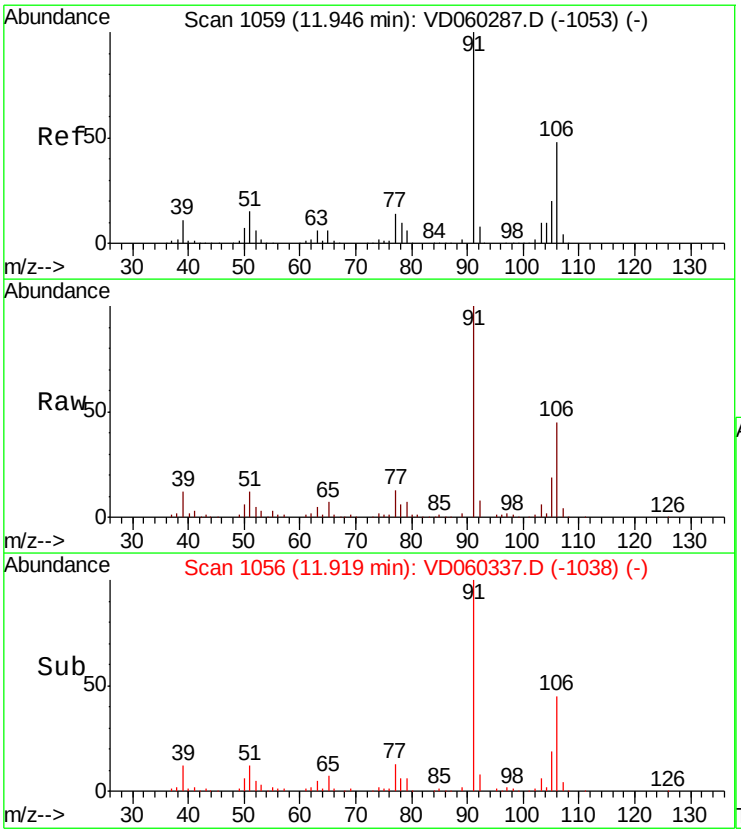
#68
m/p-Xylenes
Concen: 19.731 ug/l
RT: 11.55 min Scan# 1018
Delta R.T. -0.03 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument :
MSVOA_D
ClientSampleId :
DUP

Tgt Ion:106 Resp: 357603

Ion	Ratio	Lower	Upper
106	100		
91	214.7	159.4	239.2

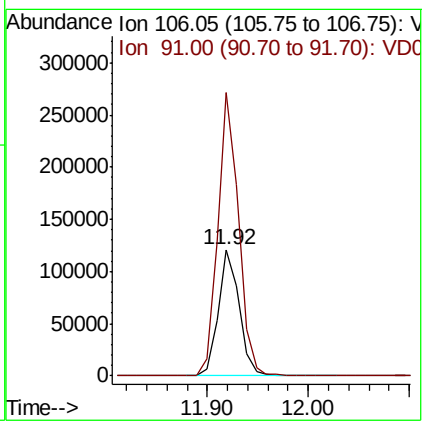


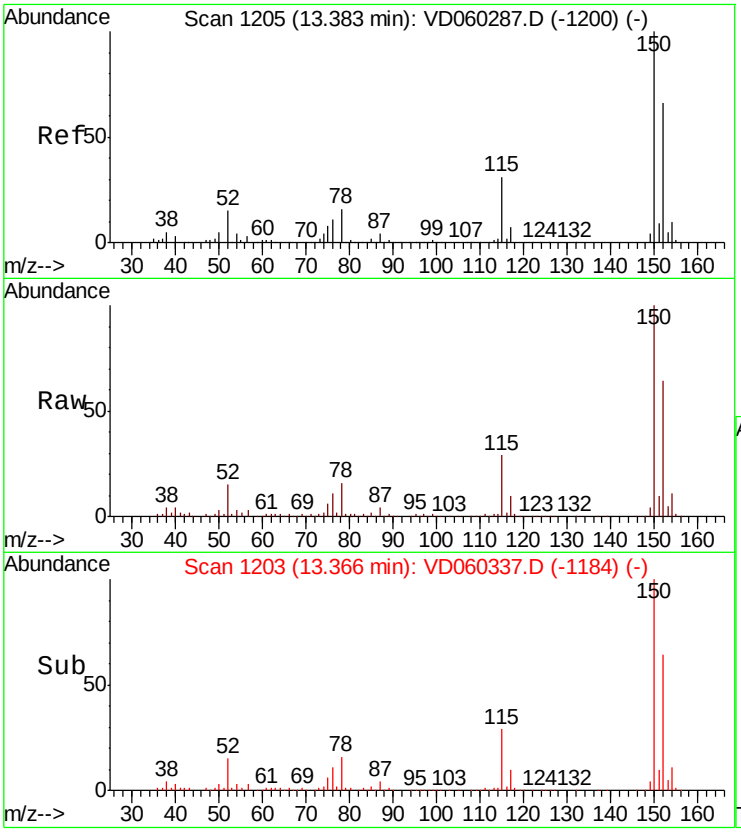


#69
o-Xylene
Concen: 9.962 ug/l
RT: 11.92 min Scan# 1056
Delta R.T. -0.03 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion:106 Resp: 174439

Ion	Ratio	Lower	Upper
106	100		
91	224.2	109.2	327.6



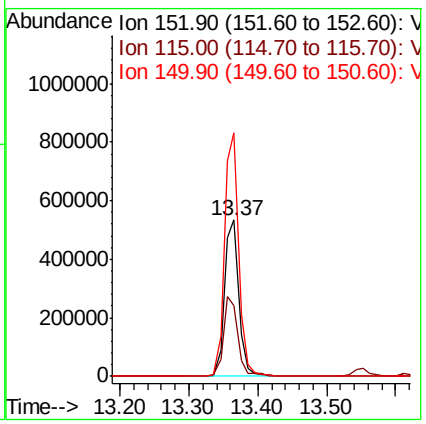


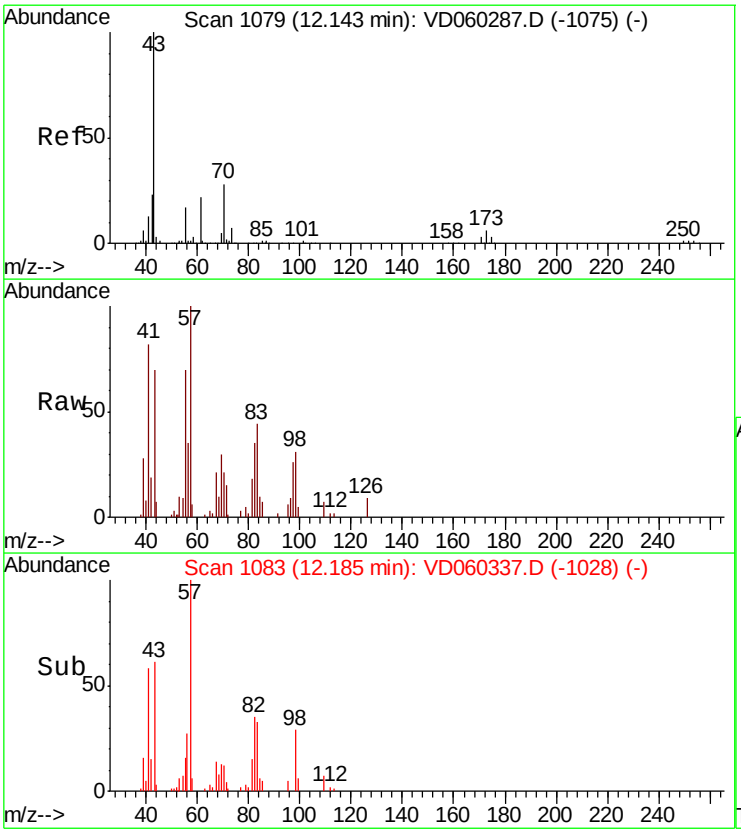
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument :
MSVOA_D
ClientSampleId :
DUP

Tgt Ion:152 Resp: 769826

Ion	Ratio	Lower	Upper
152	100		
115	45.7	24.1	72.3
150	155.9	0.0	310.6

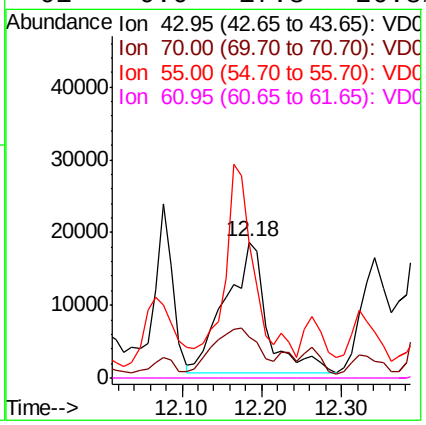


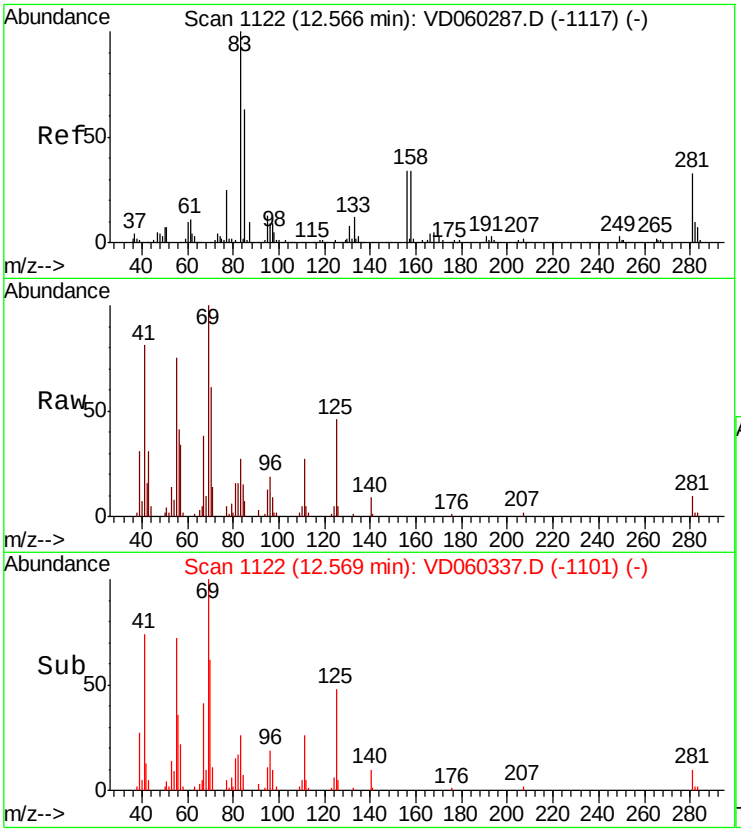


#74
N-amyl acetate
Concen: 4.515 ug/l
RT: 12.18 min Scan# 1083
Delta R.T. 0.04 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion: 43 Resp: 64918

Ion	Ratio	Lower	Upper
43	100		
70	30.2	23.0	34.4
55	99.4	14.2	21.4#
61	0.0	17.8	26.8#



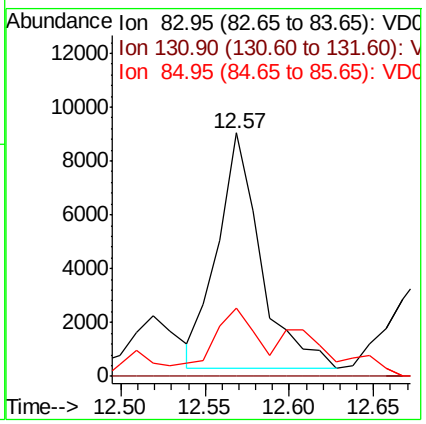


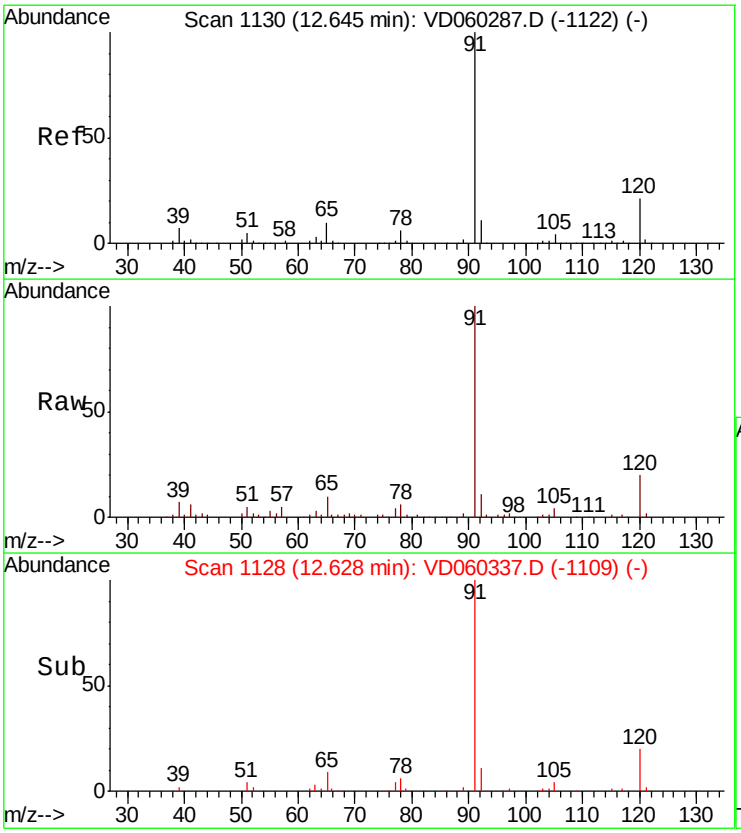
#75
1,1,2,2-Tetrachloroethane
Concen: 1.695 ug/l
RT: 12.57 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument :
MSVOA_D
ClientSampleId :
DUP

Tgt Ion: 83 Resp: 15544

Ion	Ratio	Lower	Upper
83	100		
131	0.0	3.9	11.5#
85	28.0	32.0	96.0#

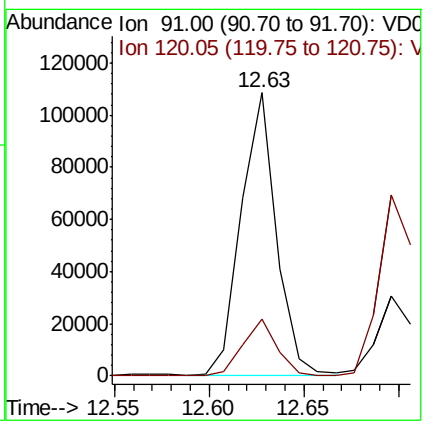


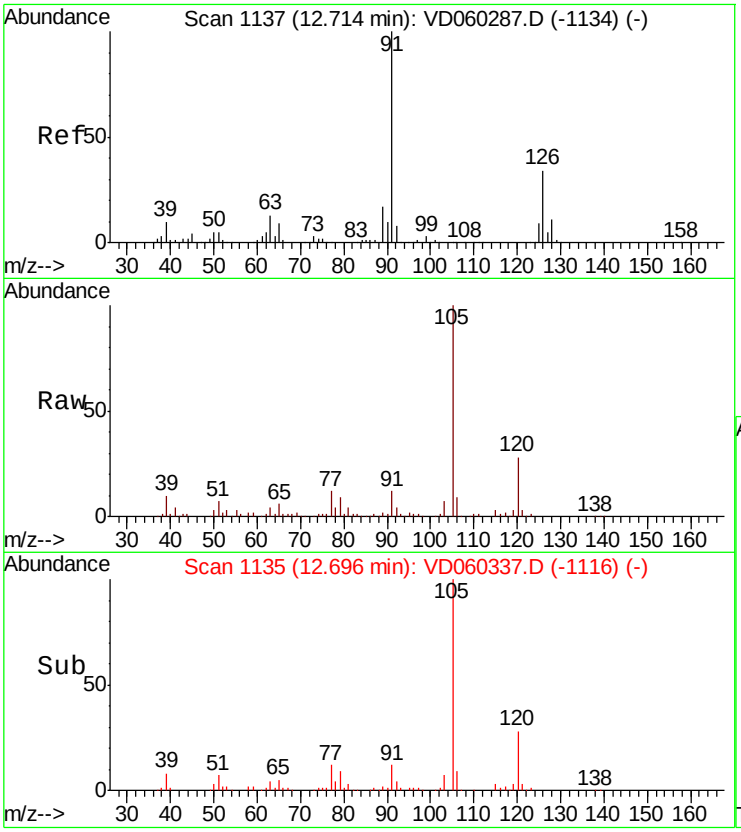


#78
n-propylbenzene
Concen: 1.983 ug/l
RT: 12.63 min Scan# 1128
Delta R.T. -0.02 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion: 91 Resp: 138827

Ion	Ratio	Lower	Upper
91	100		
120	20.2	10.4	31.4



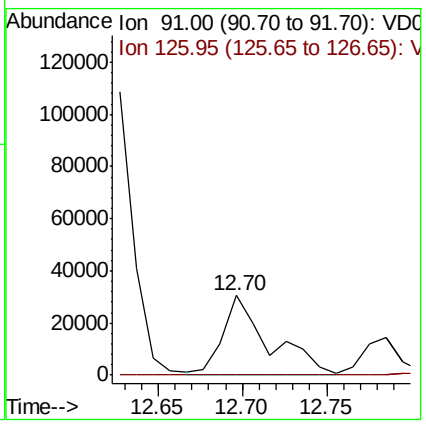


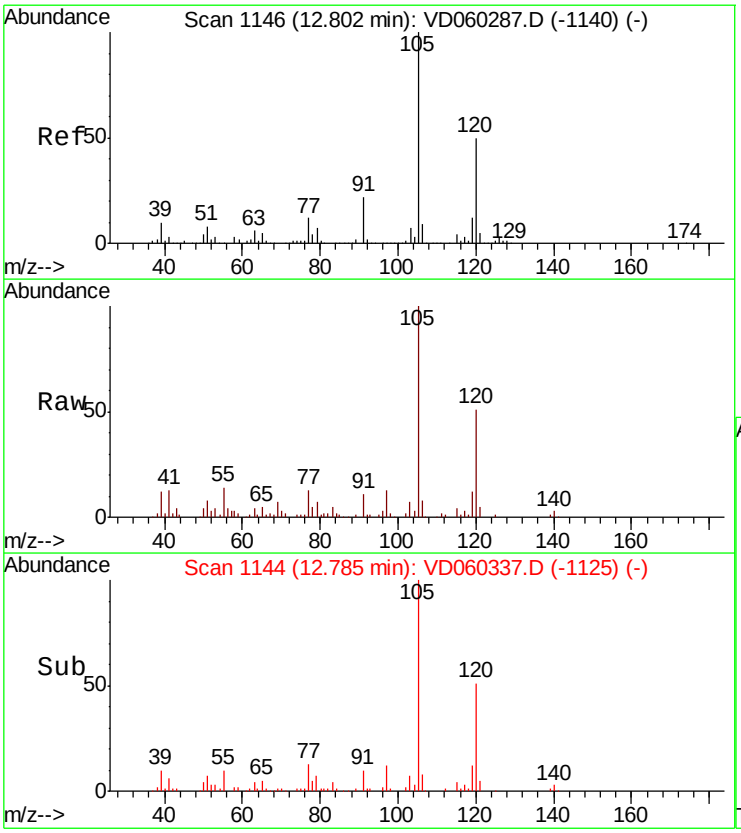
#79
2-Chlorotoluene
Concen: 1.492 ug/l
RT: 12.70 min Scan# 1135
Delta R.T. -0.02 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument : MSVOA_D
ClientSampleId : DUP

Tgt Ion: 91 Resp: 57218

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.4	52.2#

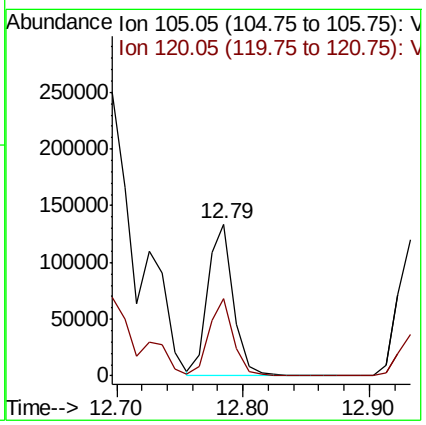


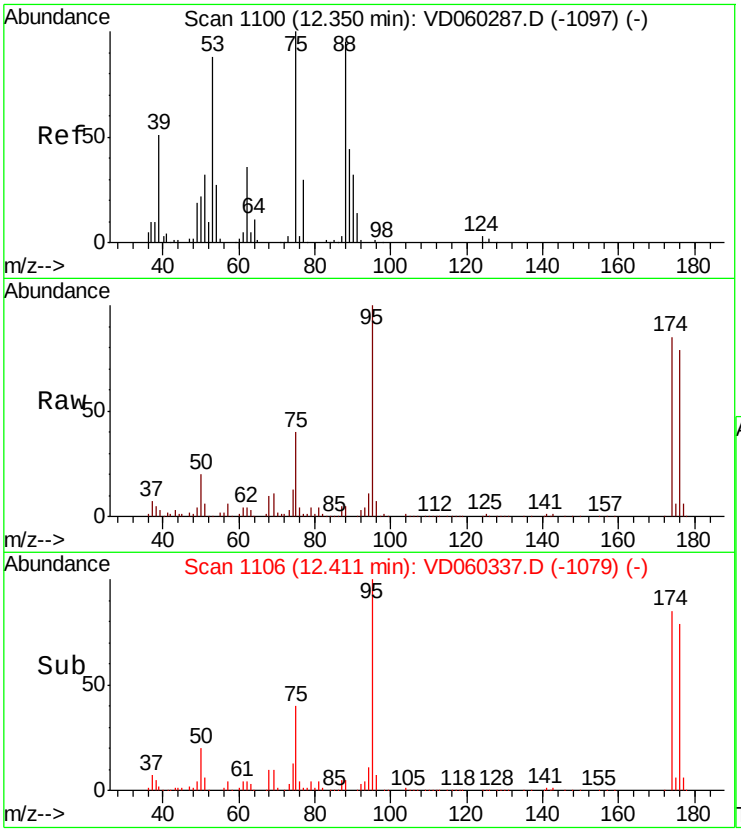


#80
1,3,5-Trimethylbenzene
Concen: 4.328 ug/l
RT: 12.79 min Scan# 1144
Delta R.T. -0.02 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion:105 Resp: 188630

Ion	Ratio	Lower	Upper
105	100		
120	50.8	24.4	73.4



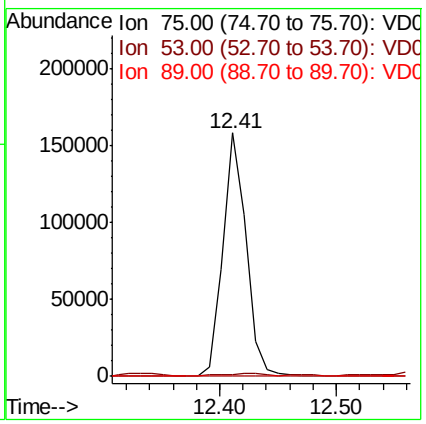


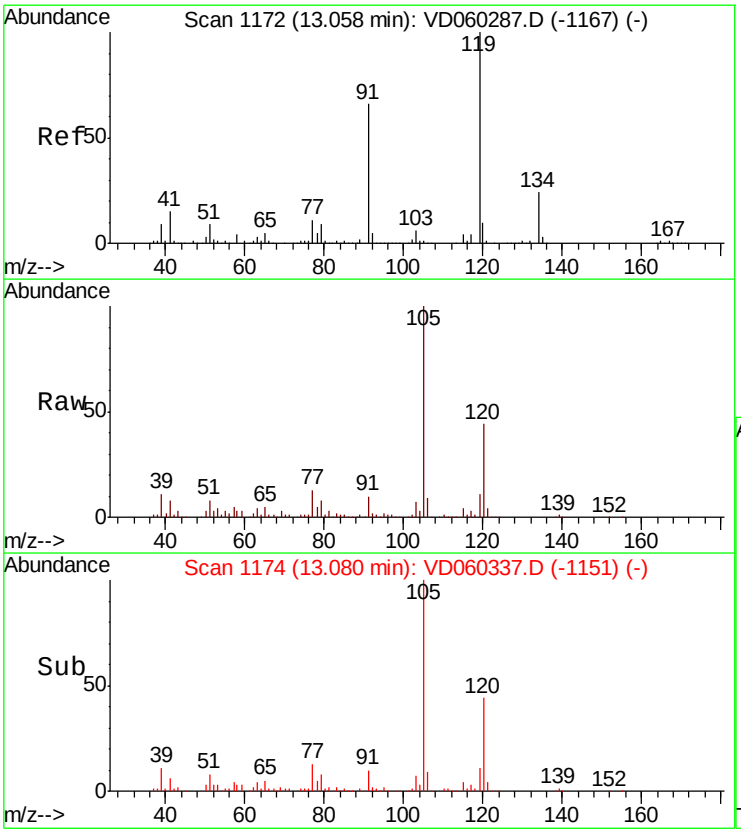
#81
trans-1,4-Dichloro-2-butene
Concen: 83.370 ug/l
RT: 12.41 min Scan# 1106
Delta R.T. 0.06 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument :
MSVOA_D
ClientSampleId :
DUP

Tgt Ion: 75 Resp: 218576

Ion	Ratio	Lower	Upper
75	100		
53	0.6	68.6	103.0#
89	0.0	34.1	51.1#

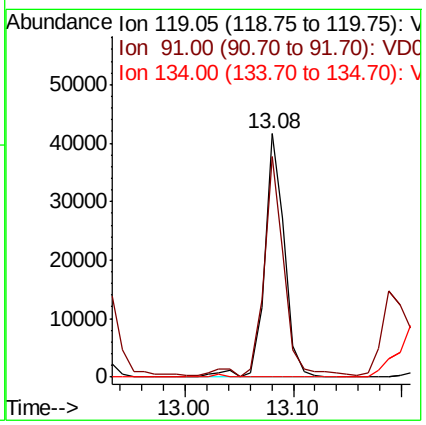


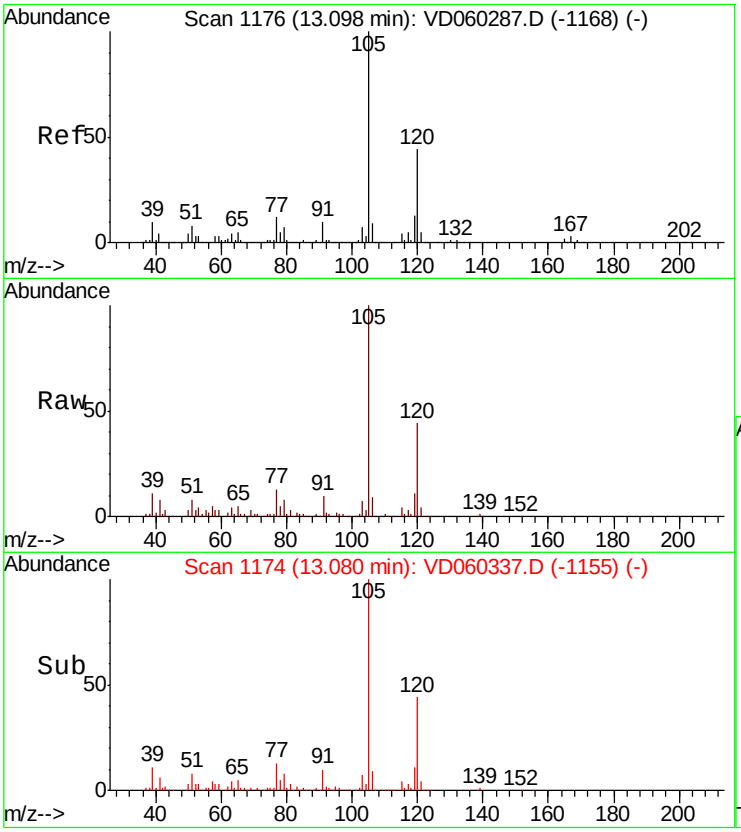


#83
tert-Butylbenzene
Concen: 1.106 ug/l
RT: 13.08 min Scan# 1174
Delta R.T. 0.02 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion:119 Resp: 53534

Ion	Ratio	Lower	Upper
119	100		
91	90.4	32.7	98.1
134	0.0	12.1	36.3#



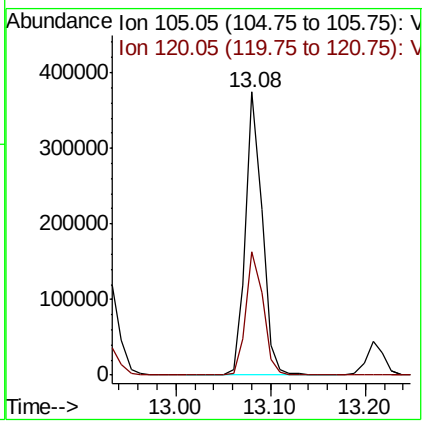


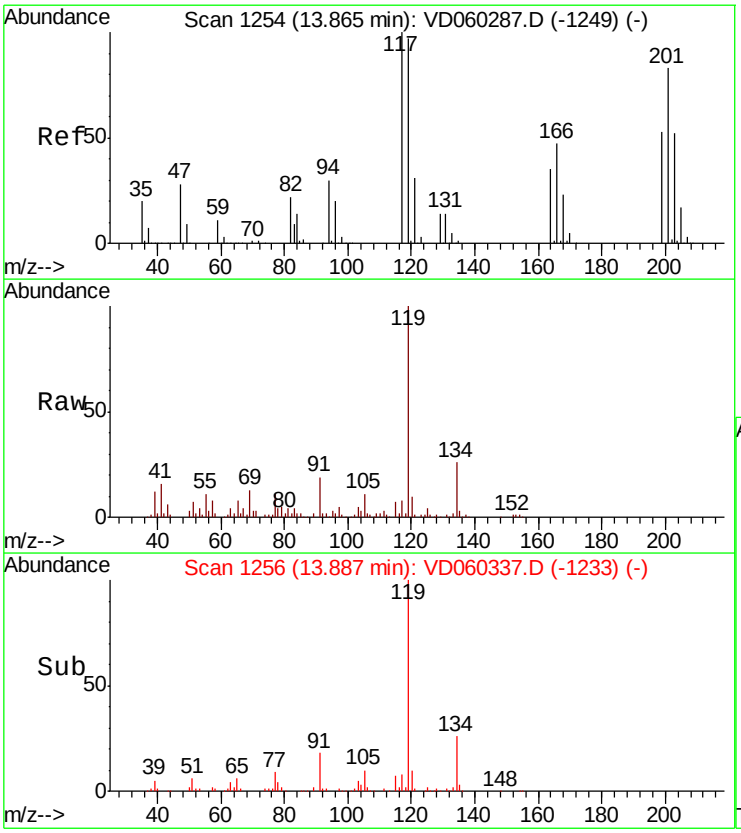
#84
1,2,4-Trimethylbenzene
Concen: 10.533 ug/l
RT: 13.08 min Scan# 1174
Delta R.T. -0.02 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument :
MSVOA_D
ClientSampleId :
DUP

Tgt Ion:105 Resp: 458538

Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.9	65.8

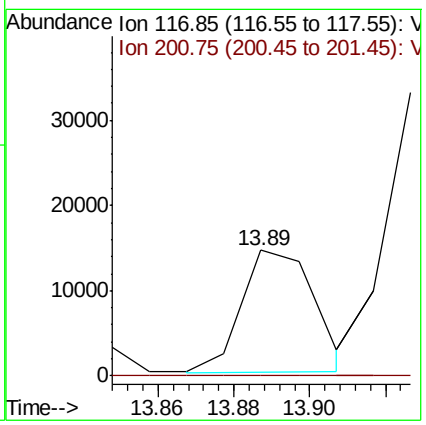


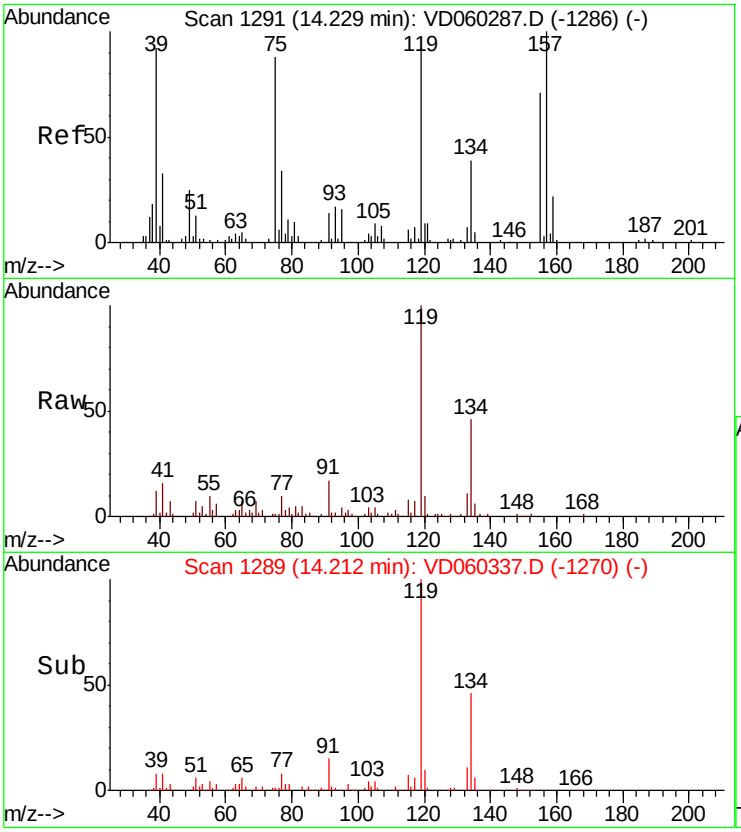


#90
Hexachloroethane
Concen: 1.688 ug/l
RT: 13.89 min Scan# 1256
Delta R.T. 0.02 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion:117 Resp: 19141

Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.1	120.3#



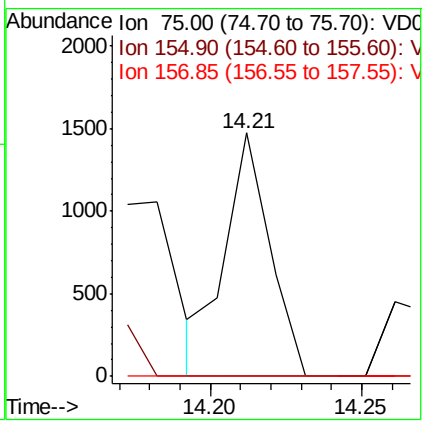


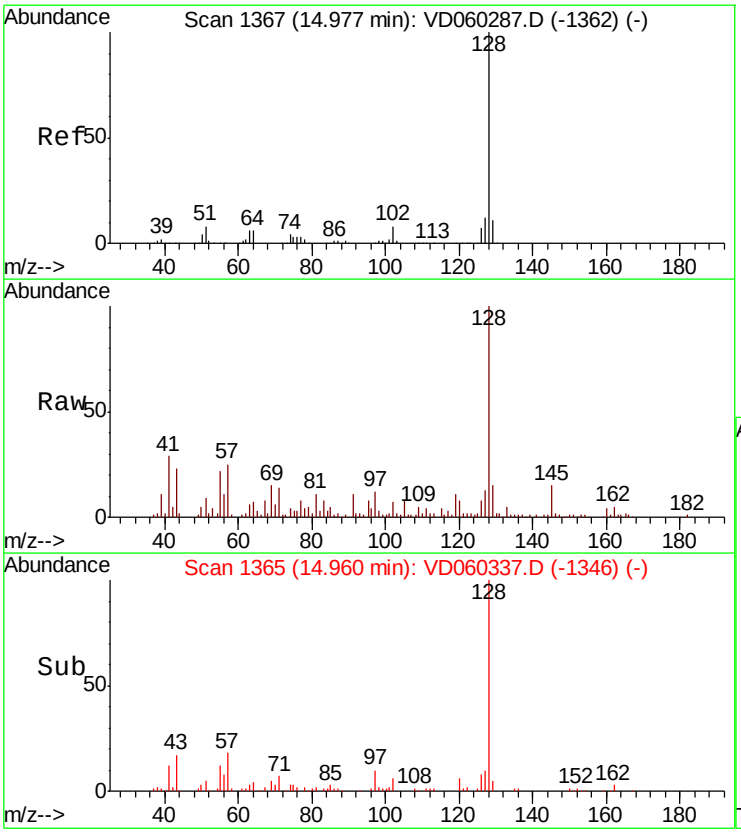
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.371 ug/l
RT: 14.21 min Scan# 1289
Delta R.T. -0.02 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Instrument : MSVOA_D
ClientSampleId : DUP

Tgt Ion: 75 Resp: 1518

Ion	Ratio	Lower	Upper
75	100		
155	0.0	64.3	192.9#
157	0.0	81.0	243.1#





#95
Naphthalene
Concen: 4.947 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VD060337.D
Acq: 12 Nov 2018 15:05

Tgt Ion:128 Resp: 104276

Ion	Ratio	Lower	Upper
128	100		
127	13.4	9.6	14.4
129	14.6	8.6	12.8#