Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062419\
Data File : VD062866.D
Acq On : 25 Jun 2019 5:43
Operator : VA/AP
Sample : K3164-03
Misc : 5.21g/5ml/MSVOA_D/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BAT-B05

Quant Time: Jun 25 06:46:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.06	168	343866	50.00	ug/l		0.01
34) 1,4-Difluorobenzene	8.23	114	525032	50.00	ug/l		0.01
63) Chlorobenzene-d5	12.38	117	209270	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	38019	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.46	65	314278	84.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 168.16%				
35) Dibromofluoromethane	6.93	113	317412	71.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 143.40%				
50) Toluene-d8	10.42	98	389315	40.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 80.82%				
62) 4-Bromofluorobenzene	13.56	95	71153	16.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 32.48%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.08	59	339	1.991	ug/l	#	77
13) Acrolein	3.05	56	274	1.577	ug/l		95
16) Acetone	3.23	43	224793	297.906	ug/l	#	92
17) Carbon Disulfide	3.38	76	26327	3.018	ug/l		96
18) Methyl Acetate	3.65	43	10353	9.175	ug/l	#	86
20) Methylene Chloride	3.81	84	13370	4.690	ug/l	#	84
25) 2-Butanone	6.09	43	28623	40.944	ug/l	#	87
29) Tetrahydrofuran	6.50	42	373	1.128	ug/l	#	33
36) 1,1-Dichloropropene	7.05	75	28281	5.690	ug/l	#	62
38) Carbon Tetrachloride	7.05	117	34896	4.668	ug/l	#	18
51) 4-Methyl-2-Pentanone	10.32	43	2166	1.172	ug/l	#	19
52) Toluene	10.52	92	7727	1.152	ug/l		78
59) 2-Hexanone	11.54	43	3949	3.001	ug/l		87
68) m/p-Xylenes	12.67	106	4310	1.775	ug/l	#	61
73) Isopropylbenzene	13.40	105	6177	2.534	ug/l	#	72
74) N-amyl acetate	13.31	43	2468	4.169	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	13.73	83	1161	2.923	ug/l	#	24
80) 1,3,5-Trimethylbenzene	13.94	105	5395	2.635	ug/l		80
81) trans-1,4-Dichloro-2-buten	13.57	75	33431	290.630	ug/l	#	2
84) 1,2,4-Trimethylbenzene	14.25	105	12764	6.082	ug/l		93
86) p-Isopropyltoluene	14.49	119	12967	5.714	ug/l		95
89) n-Butylbenzene	14.81	91	3129	1.473	ug/l	#	77
95) Naphthalene	16.13	128	246804	224.162	ug/l		99

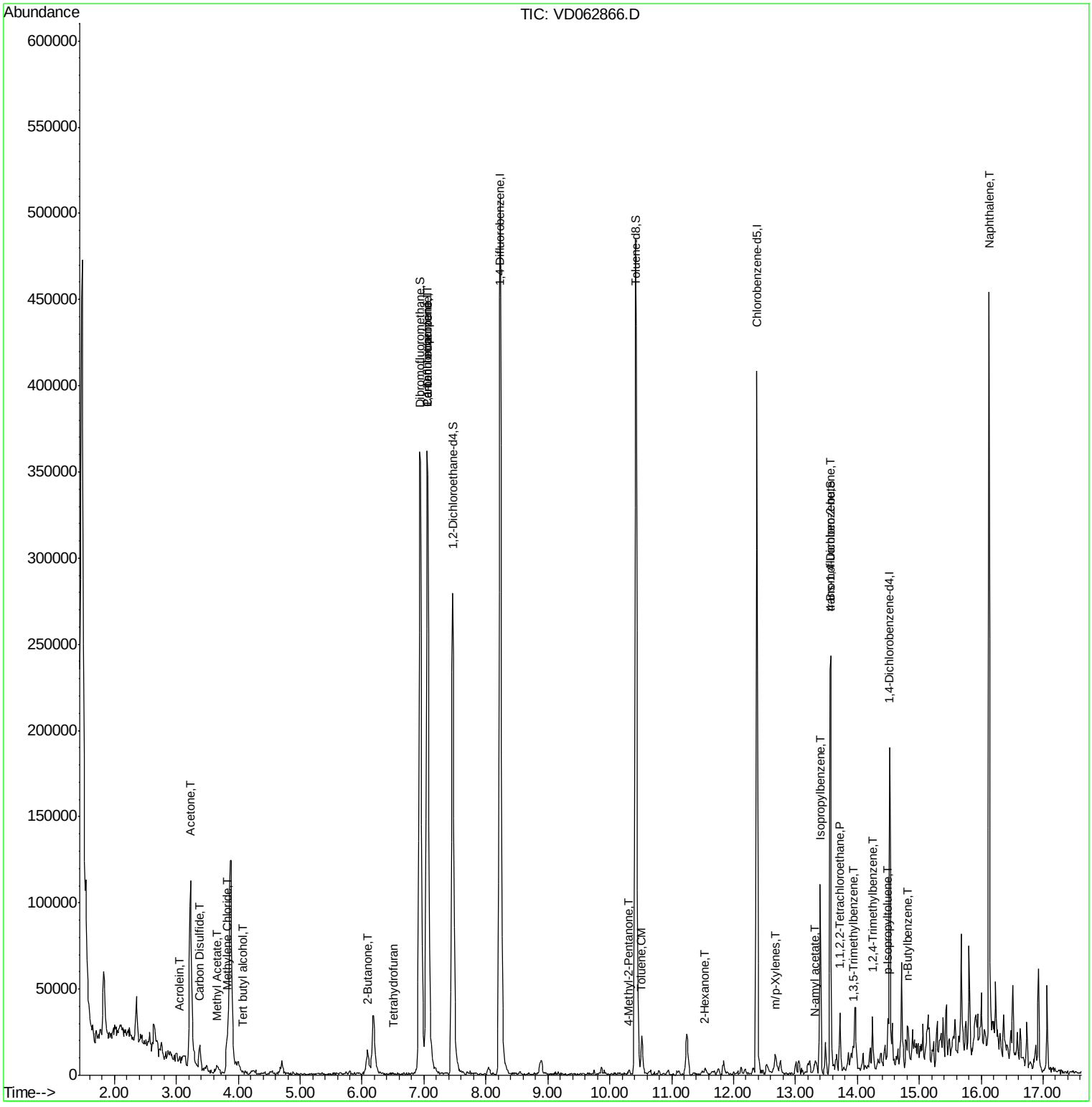
(#) = qualifier out of range (m) = manual integration (+) = signals summed

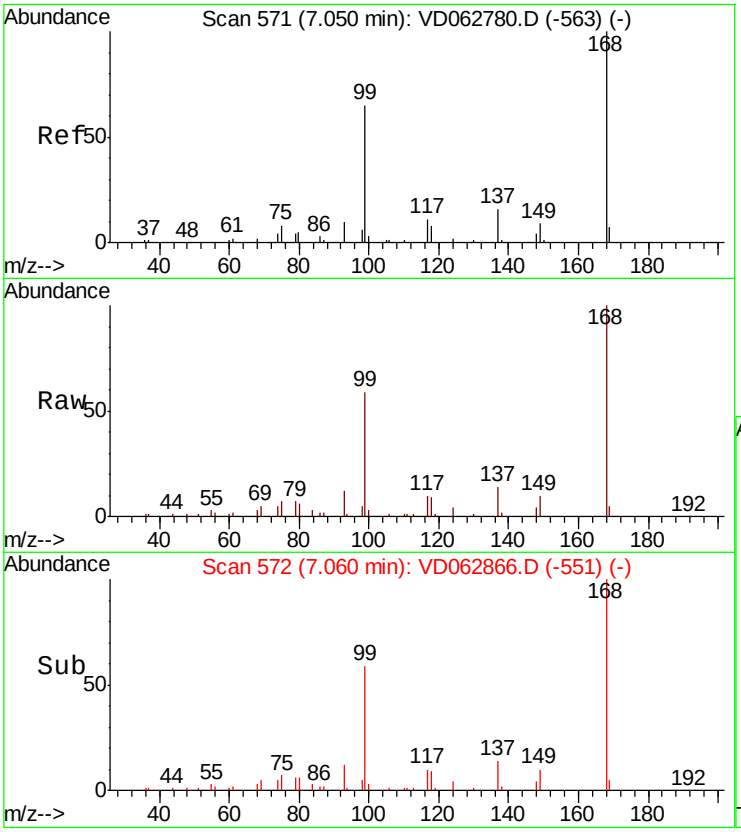
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062419\
Data File : VD062866.D
Acq On : 25 Jun 2019 5:43
Operator : VA/AP
Sample : K3164-03
Misc : 5.21g/5ml/MSVOA_D/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BAT-B05

Quant Time: Jun 25 06:46:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration



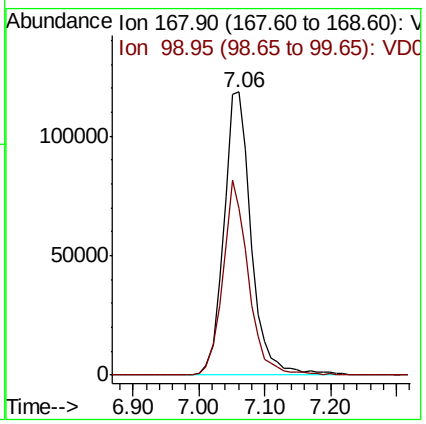


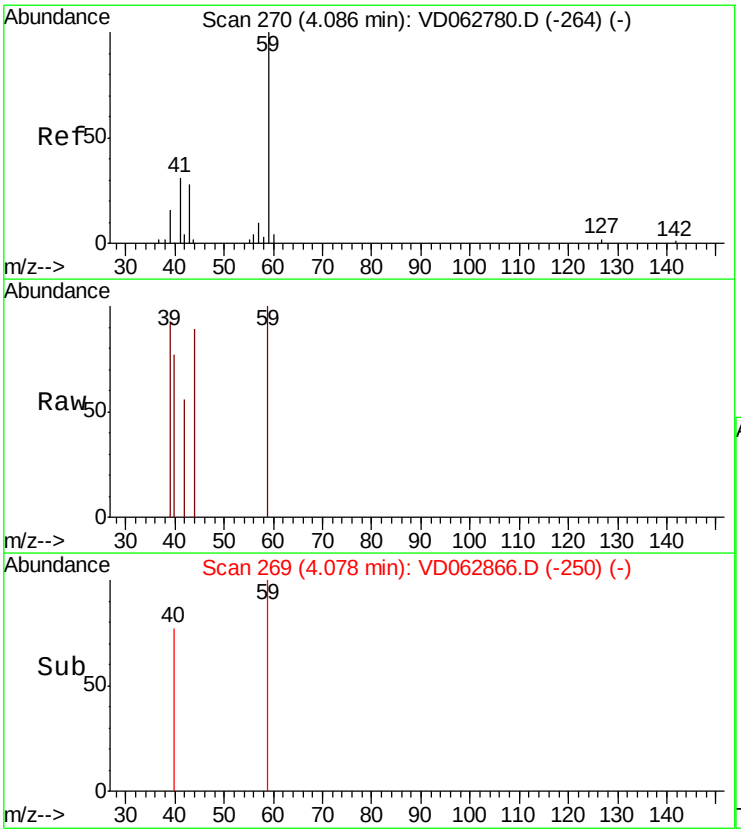
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.01 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument :
MSVOA_D
ClientSampleId :
BAT-B05

Tgt Ion:168 Resp: 343866

Ion	Ratio	Lower	Upper
168	100		
99	58.8	53.0	79.6

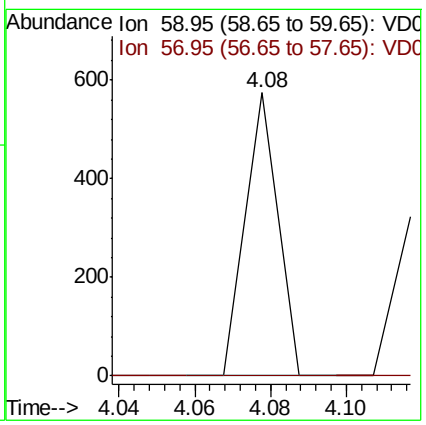


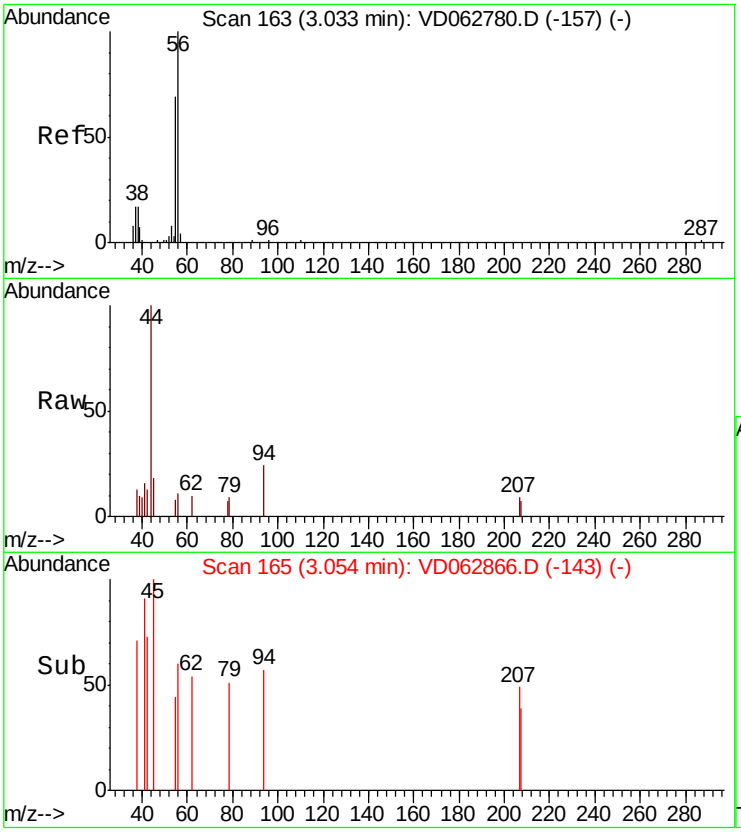


#11
Tert butyl alcohol
Concen: 1.991 ug/l
RT: 4.08 min Scan# 269
Delta R.T. -0.01 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion: 59 Resp: 339

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.6	10.0#



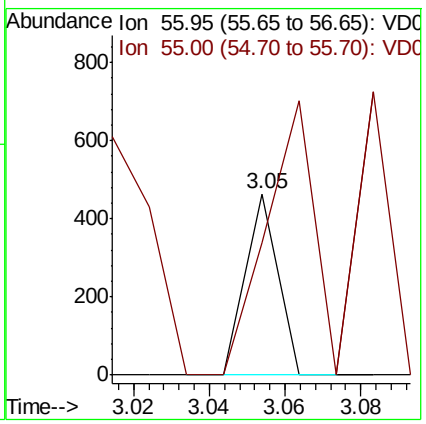


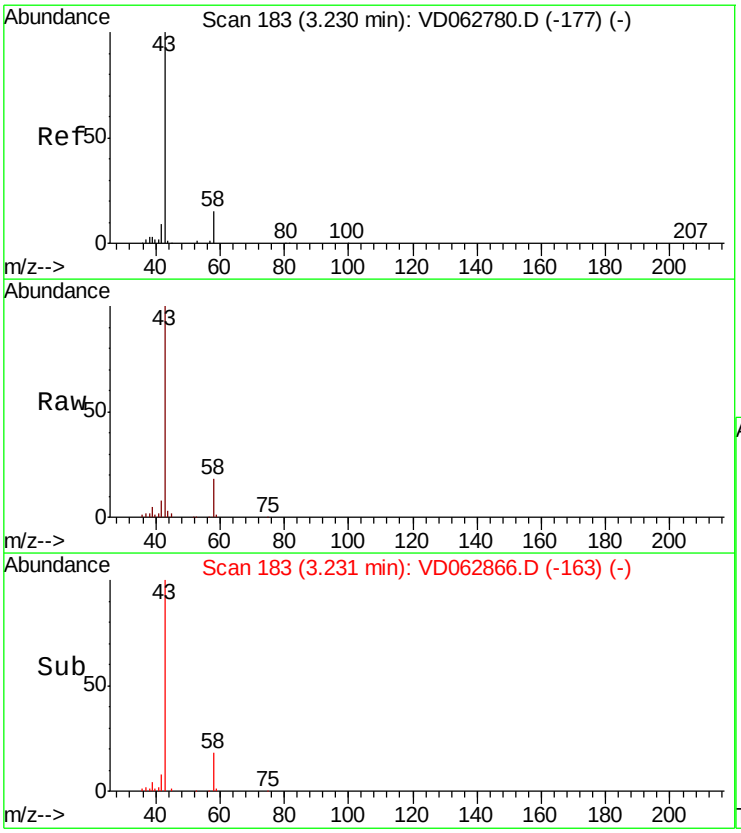
#13
Acrolein
Concen: 1.577 ug/l
RT: 3.05 min Scan# 165
Delta R.T. 0.02 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument :
MSVOA_D
ClientSampleId :
BAT-B05

Tgt Ion: 56 Resp: 274

Ion	Ratio	Lower	Upper
56	100		
55	73.3	55.4	83.0

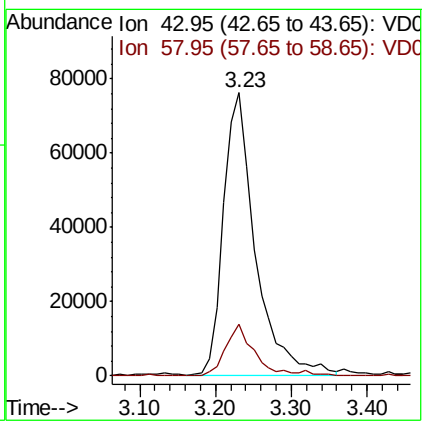


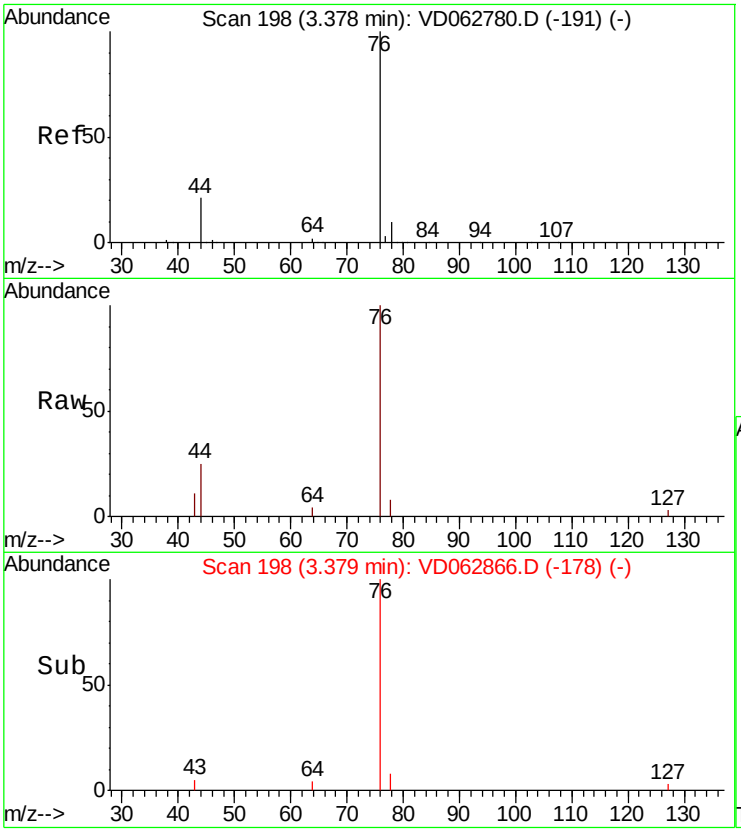


#16
Acetone
Concen: 297.906 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion: 43 Resp: 224793

Ion	Ratio	Lower	Upper
43	100		
58	18.1	11.9	17.9#



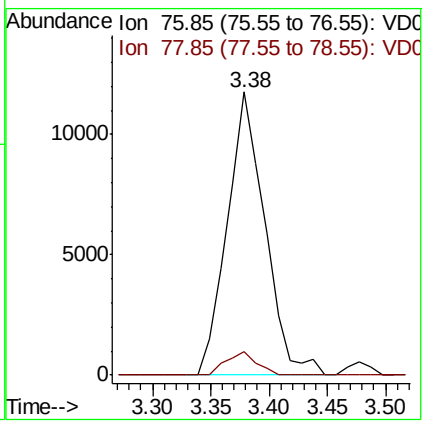


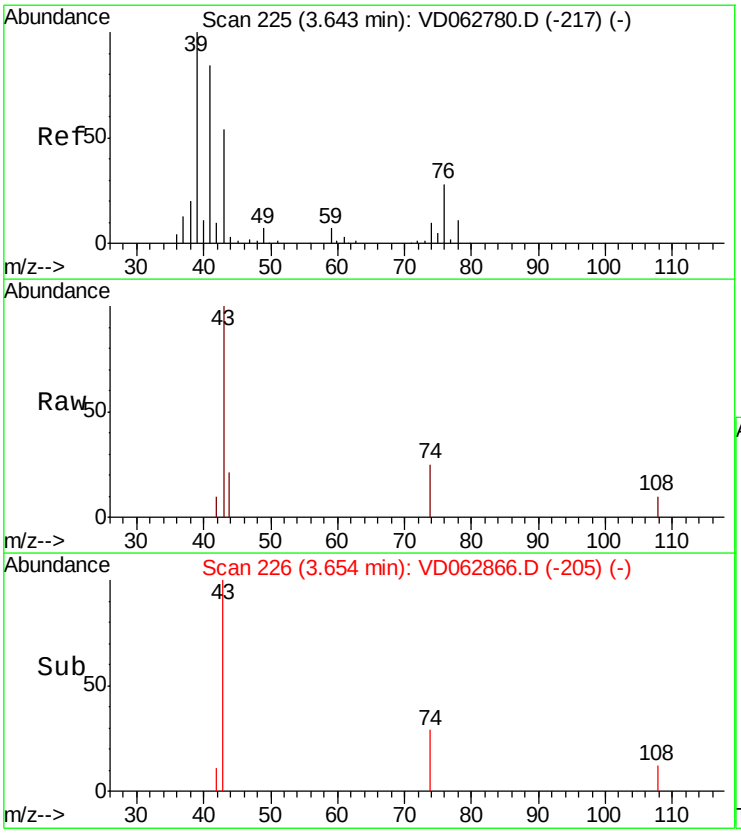
#17
Carbon Disulfide
Concen: 3.018 ug/l
RT: 3.38 min Scan# 198
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument :
MSVOA_D
ClientSampleId :
BAT-B05

Tgt Ion: 76 Resp: 26327

Ion	Ratio	Lower	Upper
76	100		
78	8.4	8.0	12.0

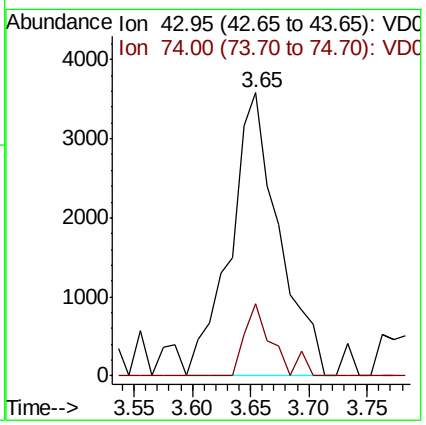


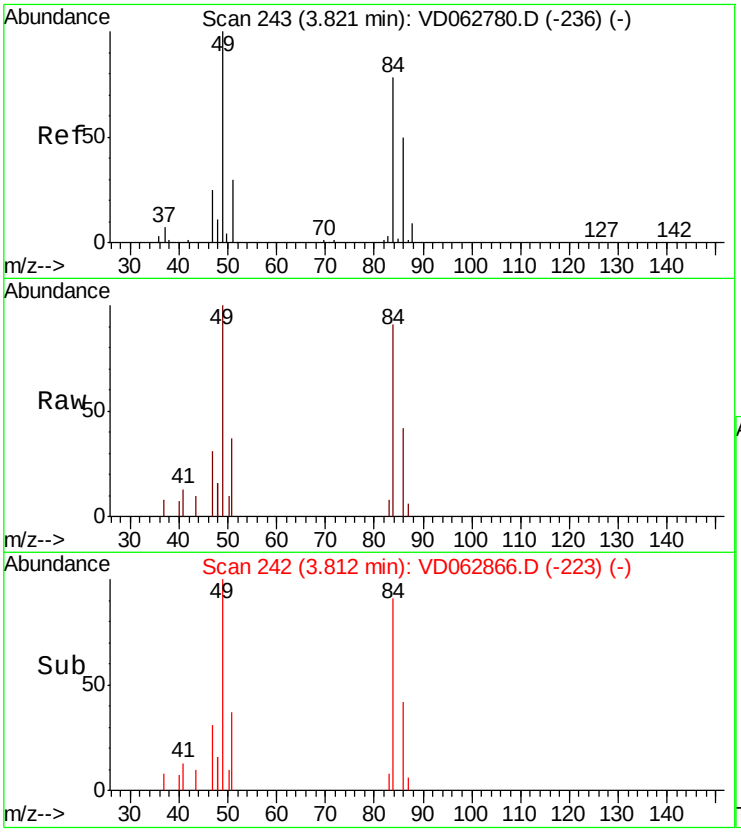


#18
Methyl Acetate
Concen: 9.175 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.01 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion: 43 Resp: 10353

Ion	Ratio	Lower	Upper
43	100		
74	25.4	15.2	22.8#



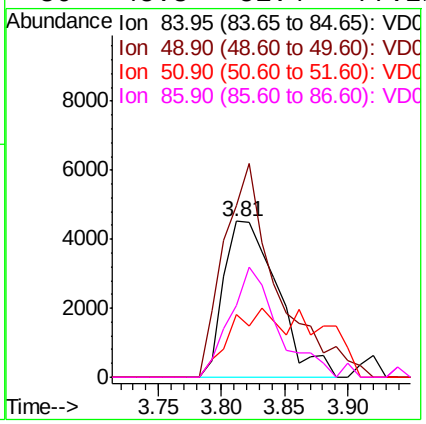


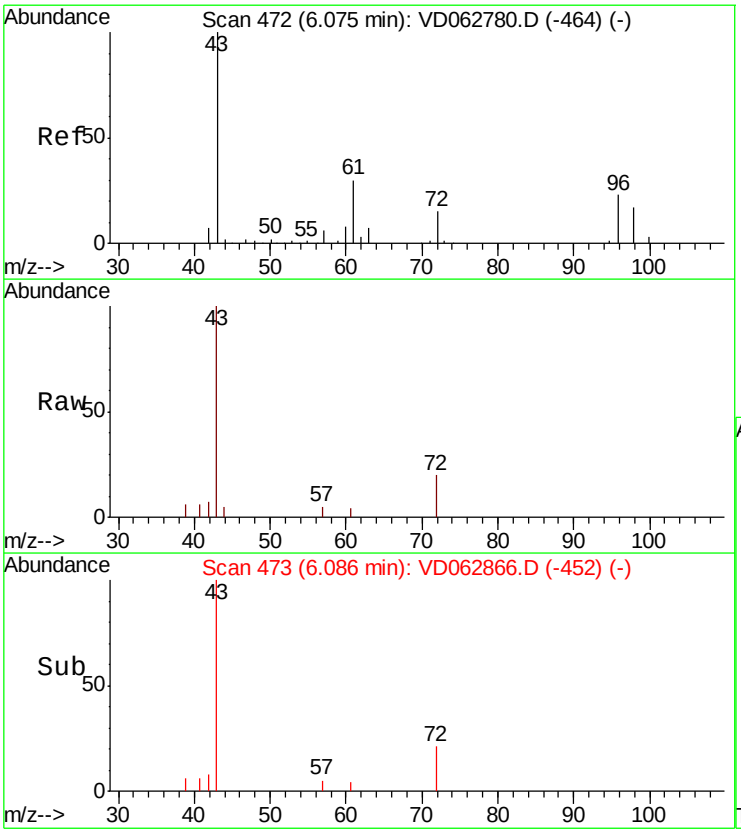
#20
Methylene Chloride
Concen: 4.690 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument : MSVOA_D
ClientSampleId : BAT-B05

Tgt Ion: 84 Resp: 13370

Ion	Ratio	Lower	Upper
84	100		
49	109.8	102.9	154.3
51	40.1	31.2	46.8
86	45.8	51.4	77.2#

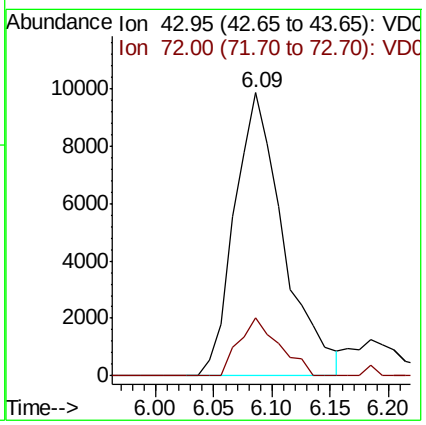


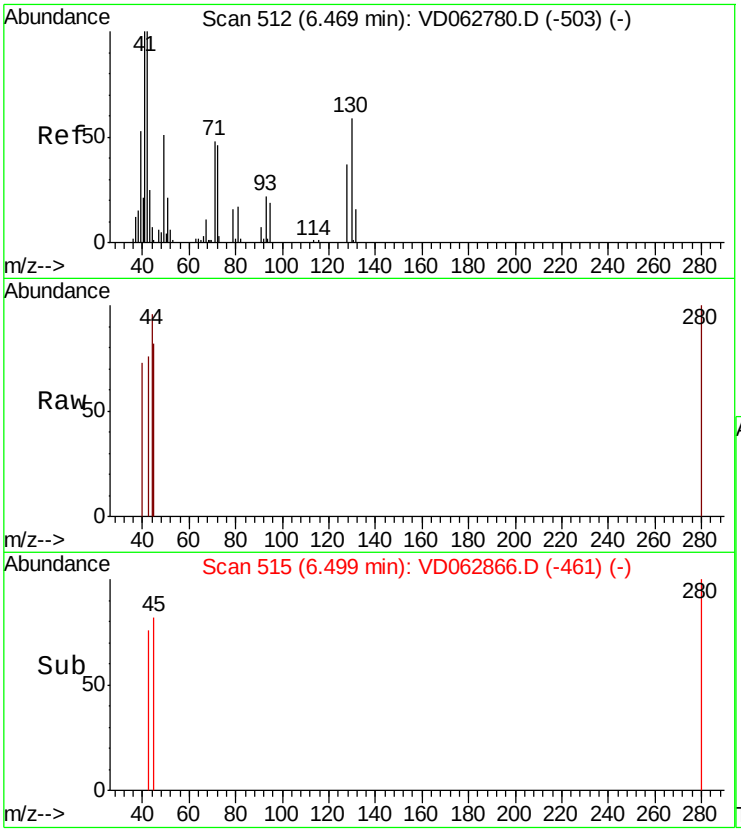


#25
2-Butanone
Concen: 40.944 ug/l
RT: 6.09 min Scan# 473
Delta R.T. 0.01 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion: 43 Resp: 28623

Ion	Ratio	Lower	Upper
43	100		
72	20.4	11.9	17.9#



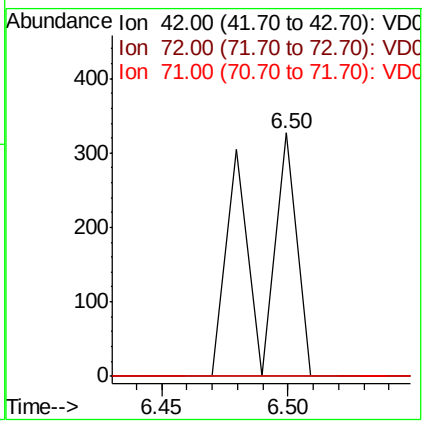


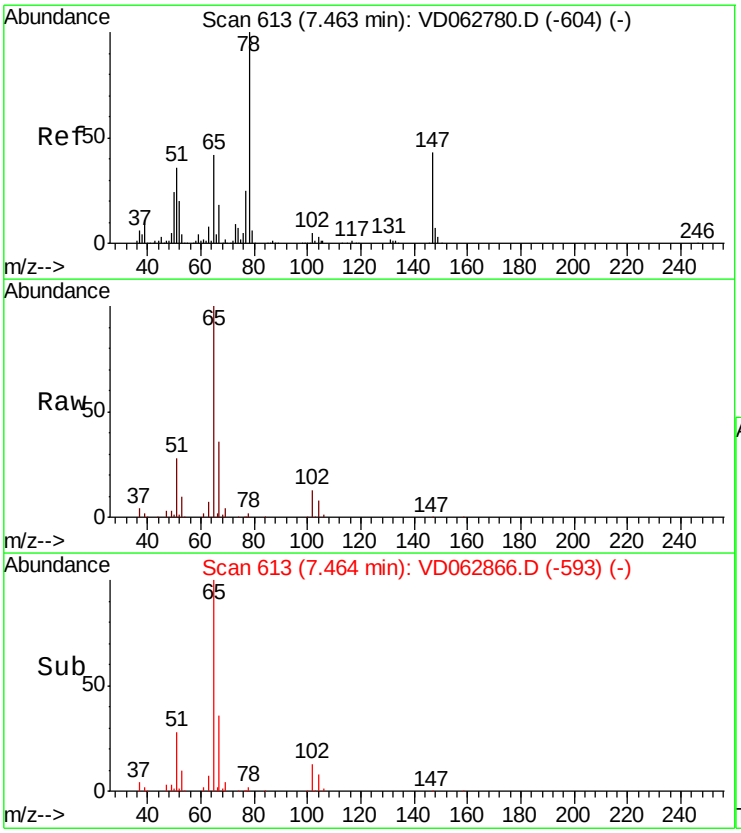
#29
Tetrahydrofuran
Concen: 1.128 ug/l
RT: 6.50 min Scan# 515
Delta R.T. 0.03 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument :
MSVOA_D
ClientSampleId :
BAT-B05

Tgt Ion: 42 Resp: 373

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.0	52.6#
71	0.0	33.3	49.9#

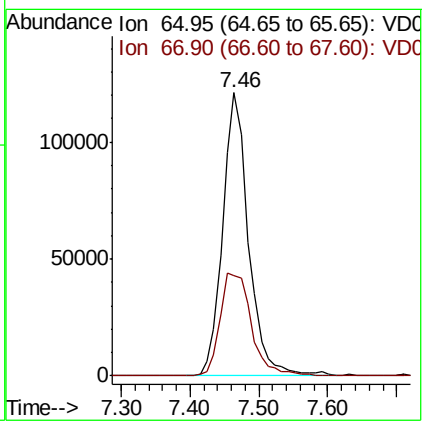


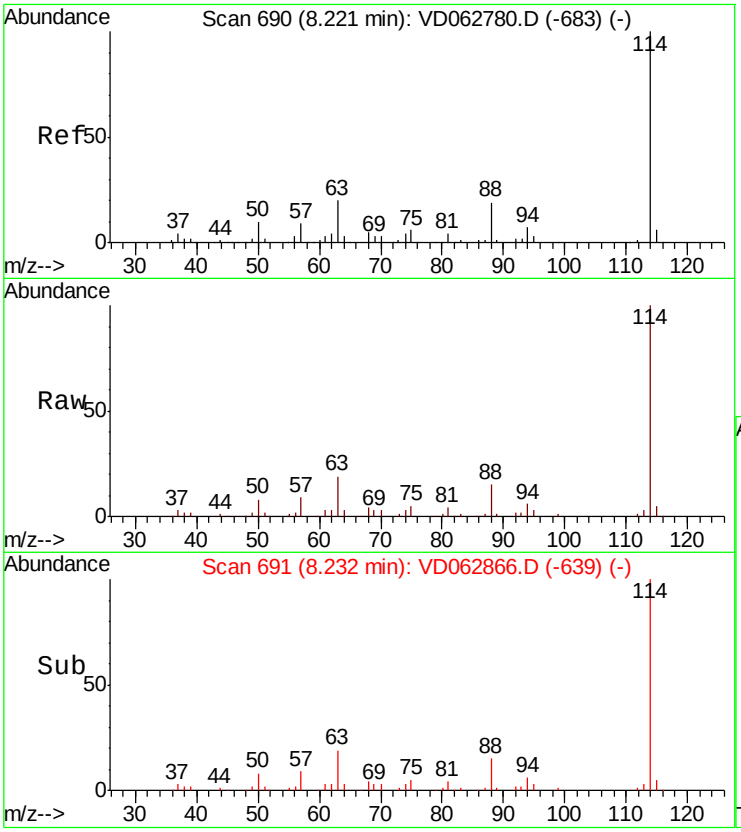


#33
1,2-Dichloroethane-d4
Concen: 84.082 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion: 65 Resp: 314278

Ion	Ratio	Lower	Upper
65	100		
67	35.7	0.0	87.4



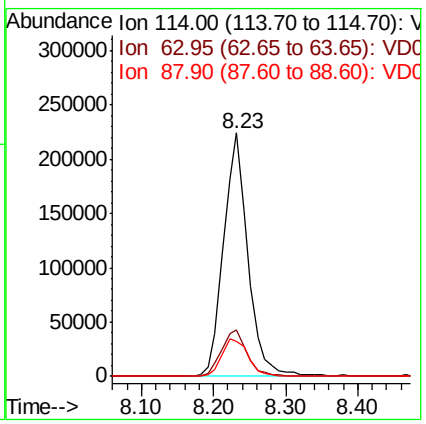


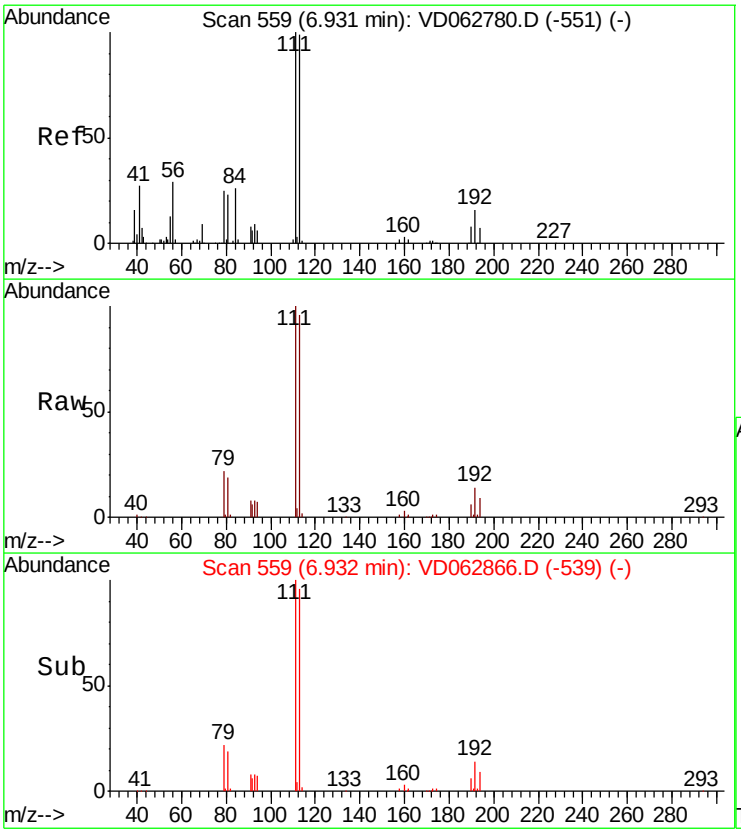
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.01 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument :
MSVOA_D
ClientSampleId :
BAT-B05

Tgt Ion:114 Resp: 525032

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	40.0
88	14.6	0.0	38.8

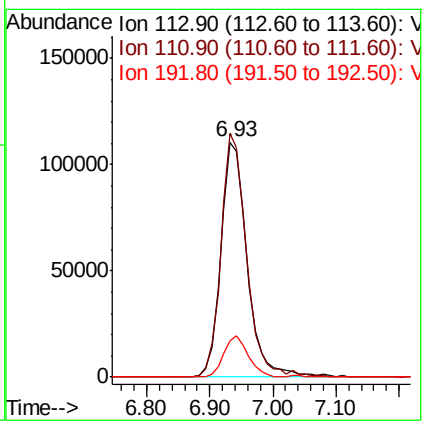


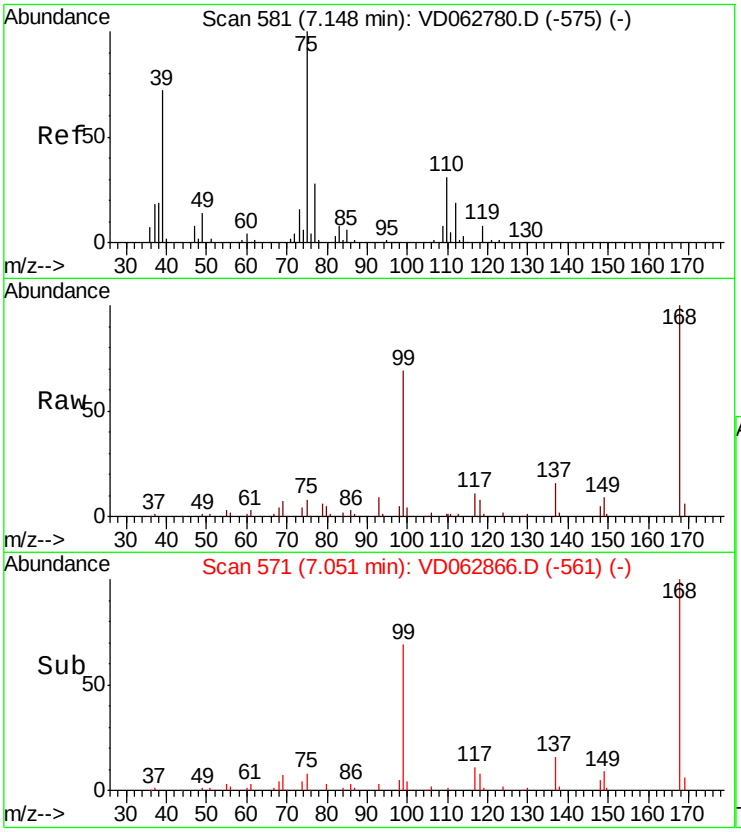


#35
Dibromofluoromethane
Concen: 71.698 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion:113 Resp: 317412

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.2	121.8
192	15.5	12.9	19.3



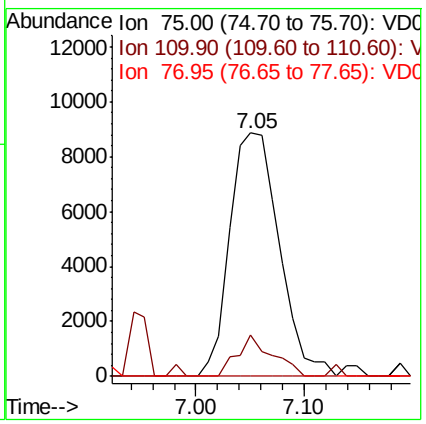


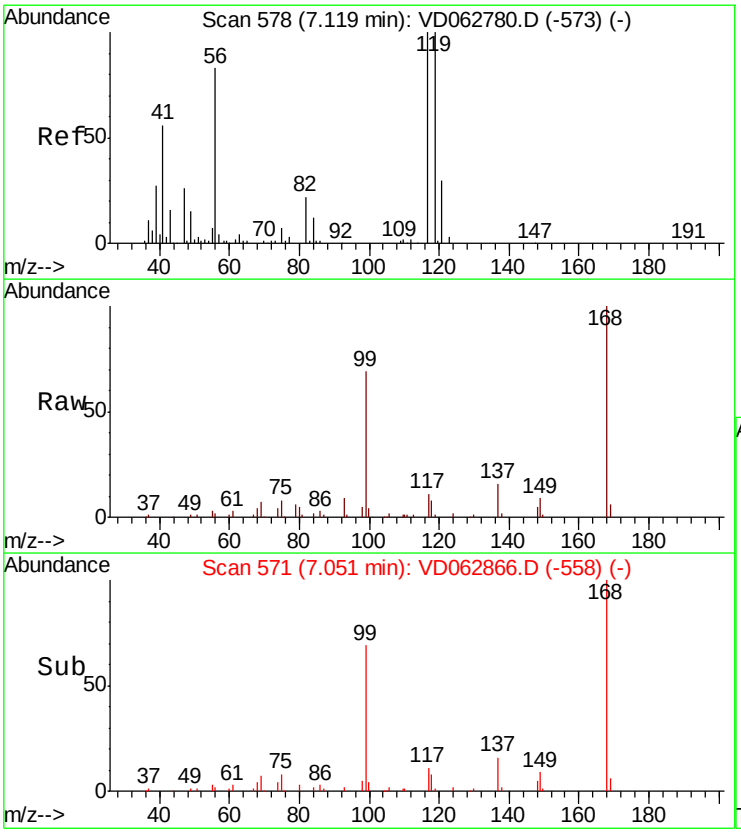
#36
1,1-Dichloropropene
Concen: 5.690 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.10 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument : MSVOA_D
ClientSampleId : BAT-B05

Tgt Ion: 75 Resp: 28281

Ion	Ratio	Lower	Upper
75	100		
110	16.8	15.0	45.1
77	0.0	22.2	33.2#

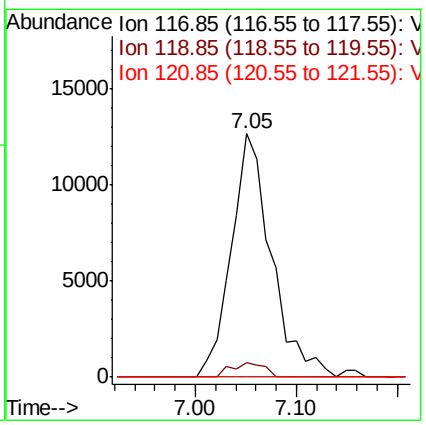


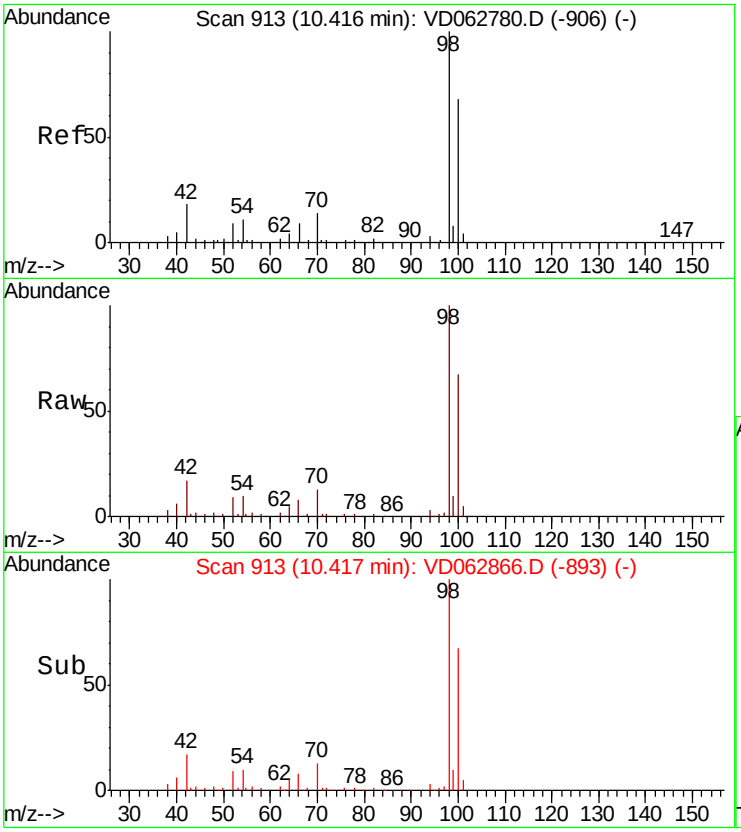


#38
Carbon Tetrachloride
Concen: 4.668 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion:117 Resp: 34896

Ion	Ratio	Lower	Upper
117	100		
119	6.2	75.4	113.2#
121	0.0	22.3	33.5#



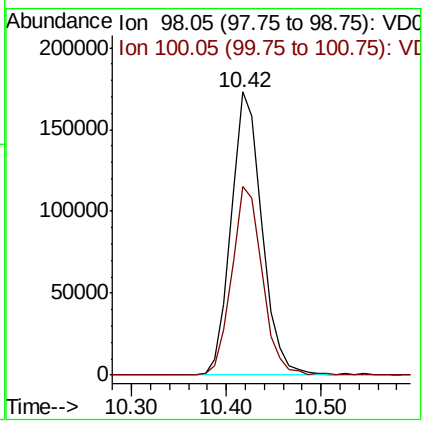


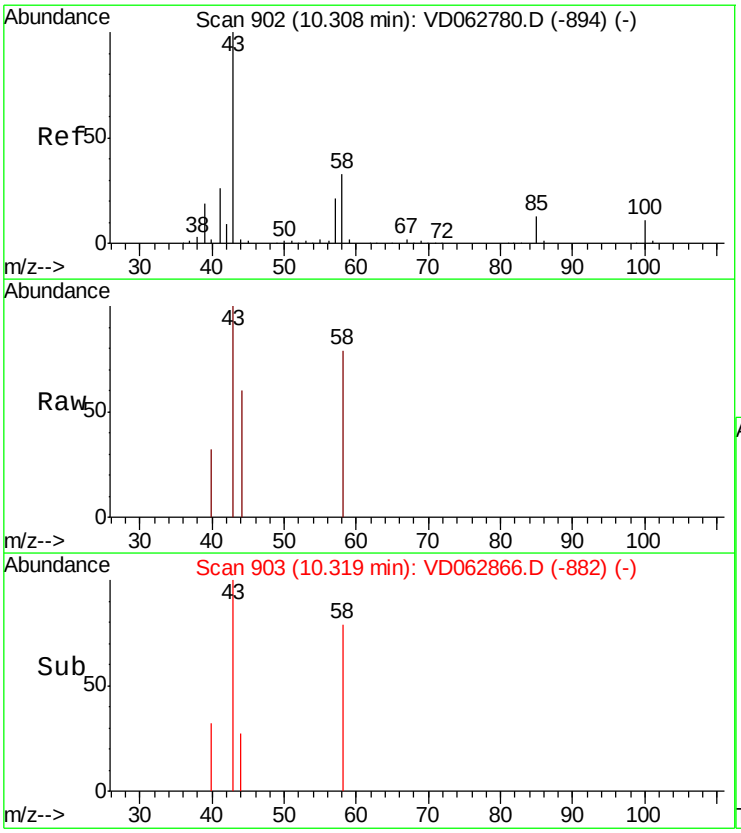
#50
Toluene-d8
Concen: 40.405 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument :
MSVOA_D
ClientSampleId :
BAT-B05

Tgt Ion: 98 Resp: 389315

Ion	Ratio	Lower	Upper
98	100		
100	66.8	54.7	82.1

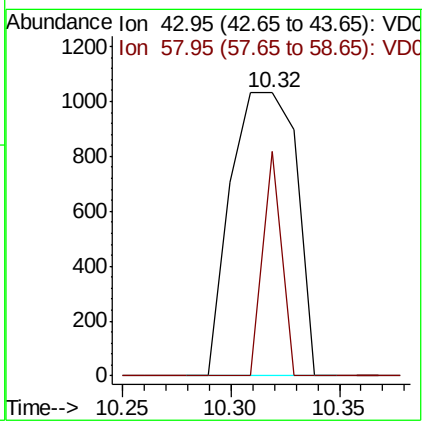


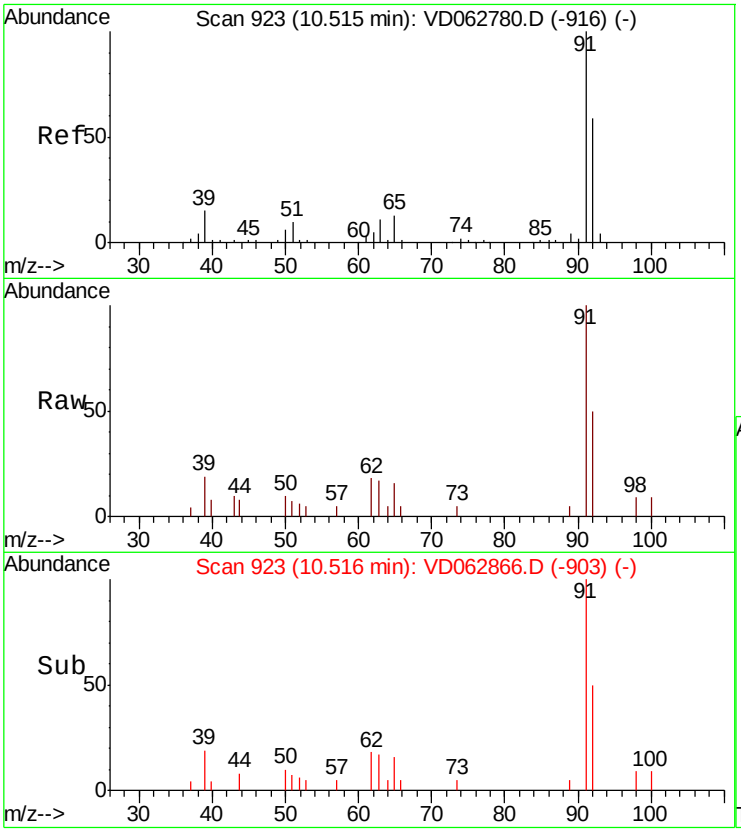


#51
4-Methyl-2-Pentanone
Concen: 1.172 ug/l
RT: 10.32 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion: 43 Resp: 2166

Ion	Ratio	Lower	Upper
43	100		
58	79.1	26.6	40.0#



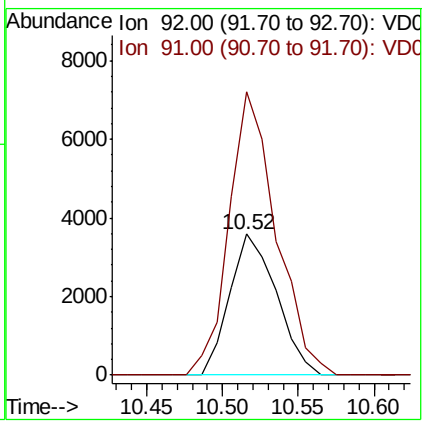


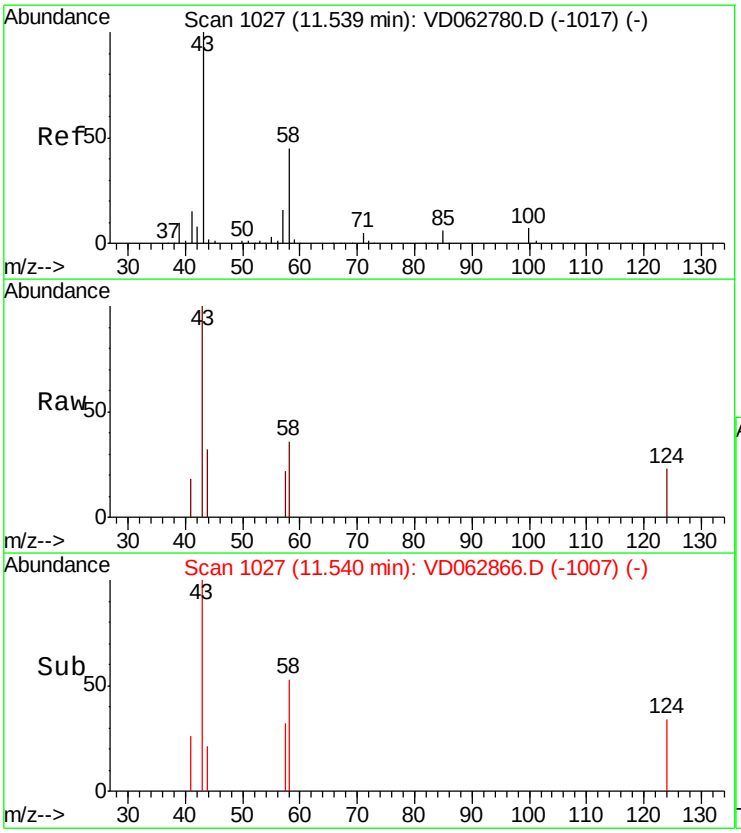
#52
Toluene
Concen: 1.152 ug/l
RT: 10.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument :
MSVOA_D
ClientSampleId :
BAT-B05

Tgt Ion: 92 Resp: 7727

Ion	Ratio	Lower	Upper
92	100		
91	201.1	136.3	204.5

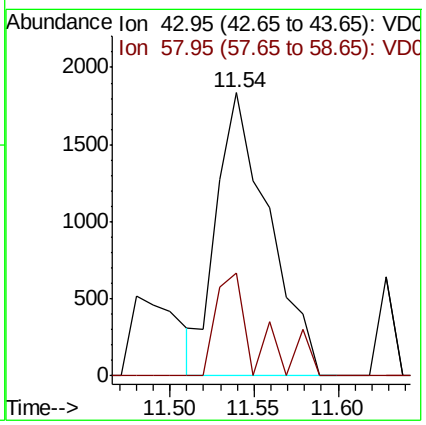


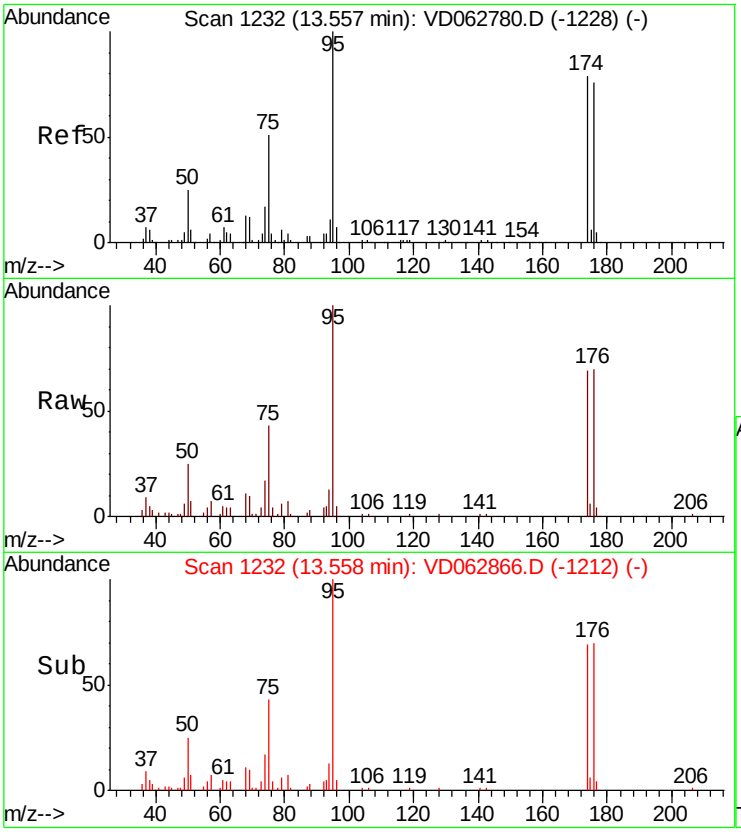


#59
2-Hexanone
Concen: 3.001 ug/l
RT: 11.54 min Scan# 1027
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion: 43 Resp: 3949

Ion	Ratio	Lower	Upper
43	100		
58	36.5	22.4	67.2



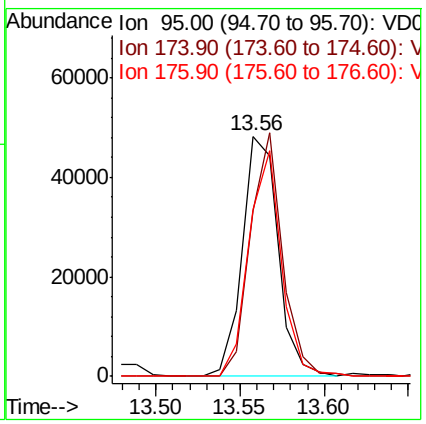


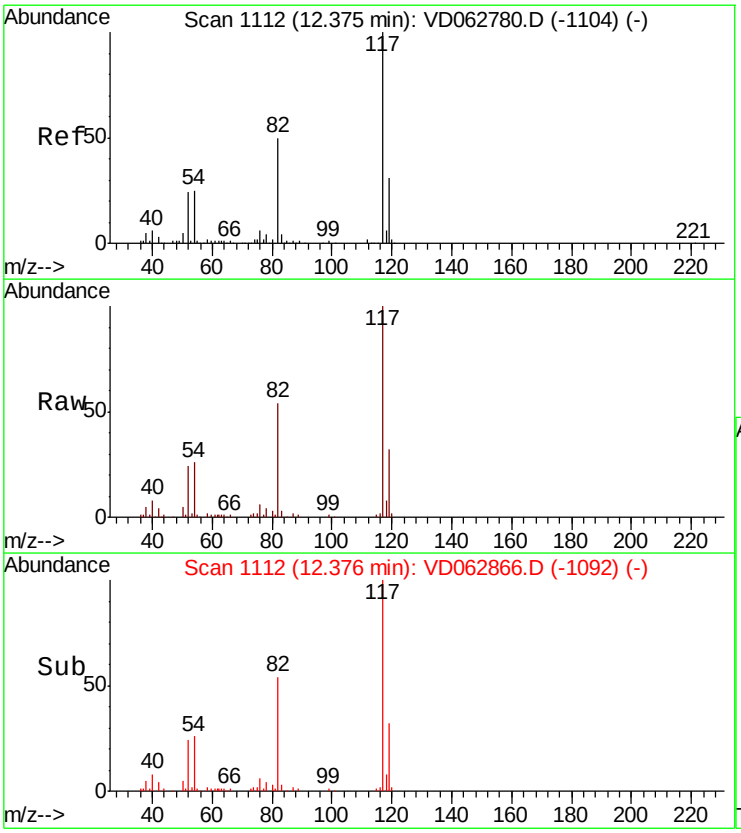
#62
4-Bromofluorobenzene
Concen: 16.240 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument :
MSVOA_D
ClientSampleId :
BAT-B05

Tgt Ion: 95 Resp: 71153

Ion	Ratio	Lower	Upper
95	100		
174	68.9	0.0	158.0
176	69.5	0.0	151.6

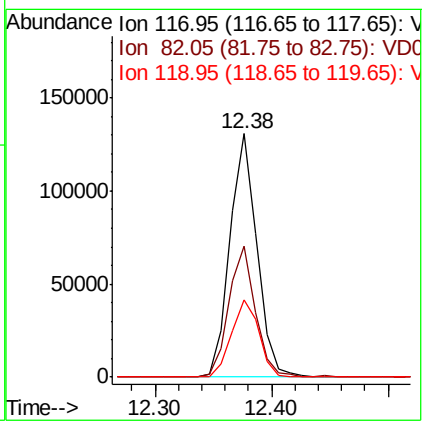


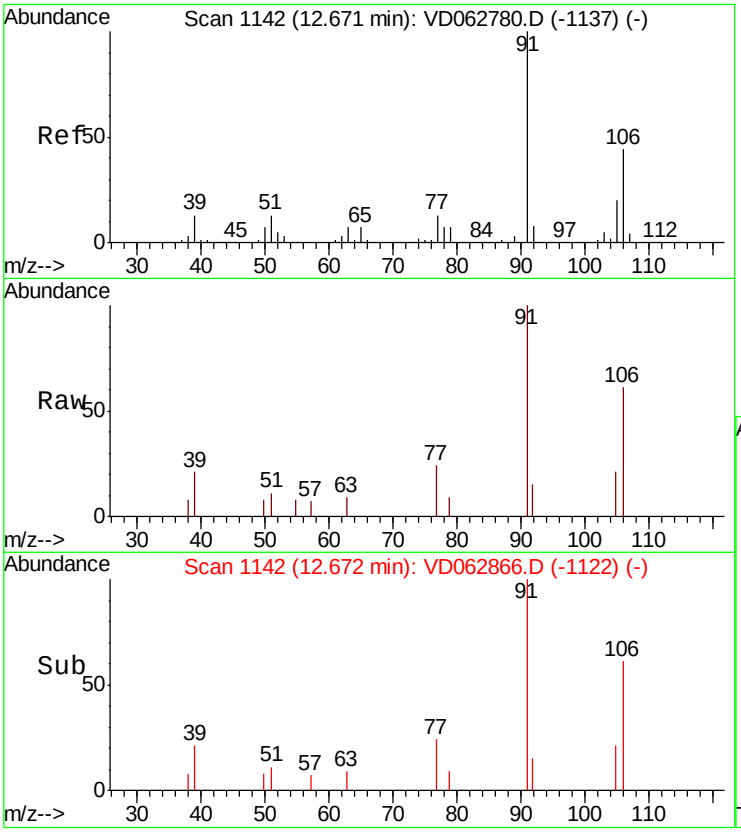


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion:117 Resp: 209270

Ion	Ratio	Lower	Upper
117	100		
82	53.7	40.4	60.6
119	31.7	25.2	37.8



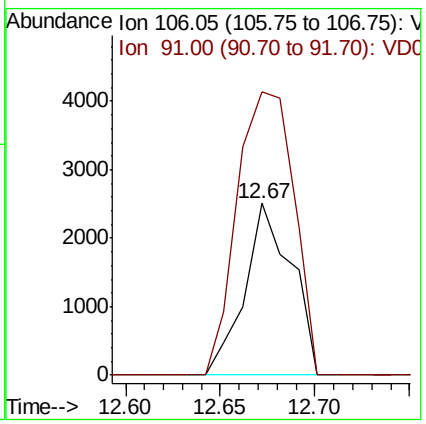


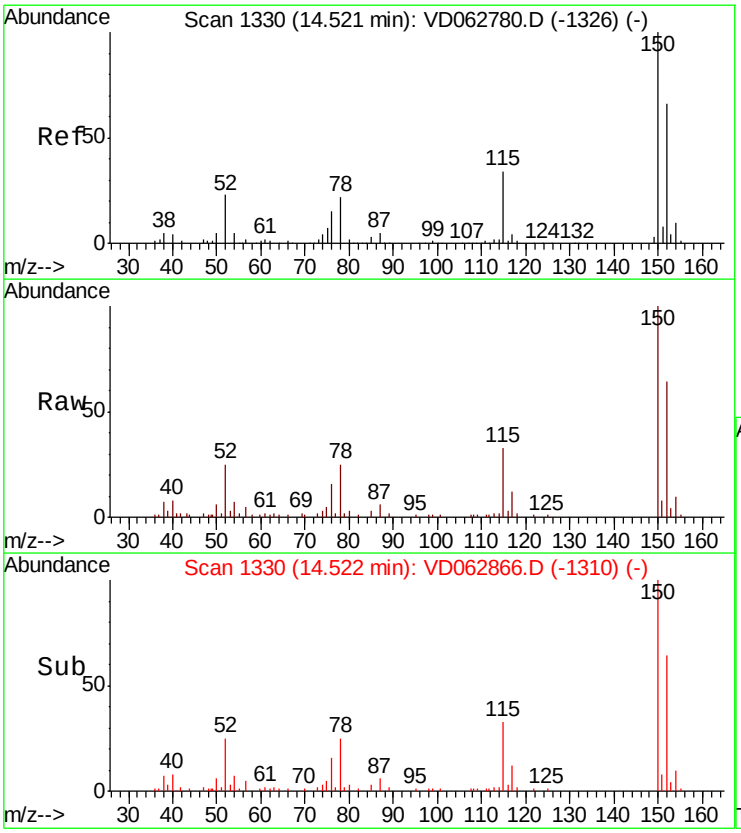
#68
m/p-Xylenes
Concen: 1.775 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument :
MSVOA_D
ClientSampleId :
BAT-B05

Tgt Ion:106 Resp: 4310

Ion	Ratio	Lower	Upper
106	100		
91	164.7	183.0	274.6#

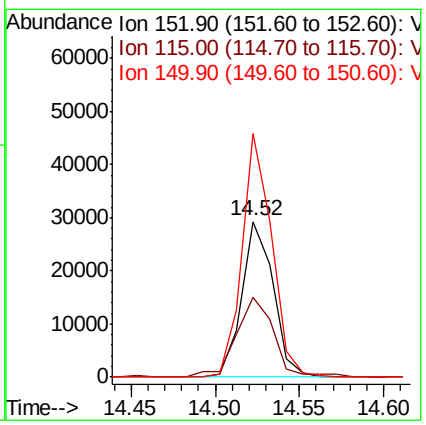


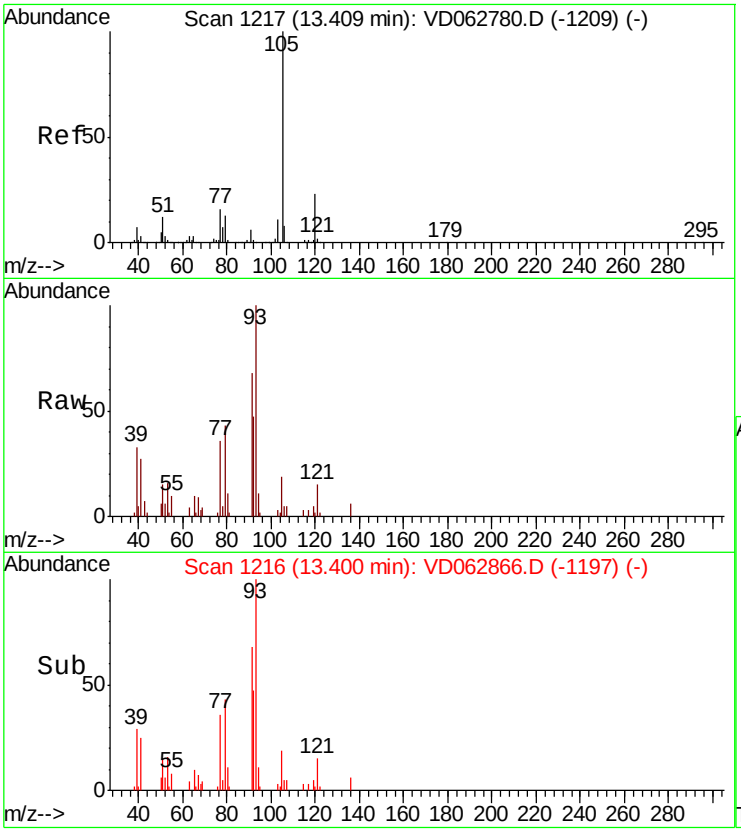


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion:152 Resp: 38019

Ion	Ratio	Lower	Upper
152	100		
115	50.9	29.2	87.6
150	156.6	0.0	305.8



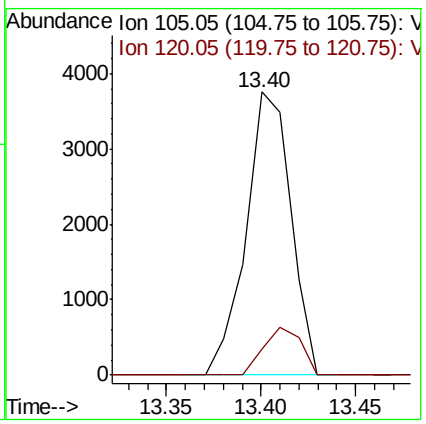


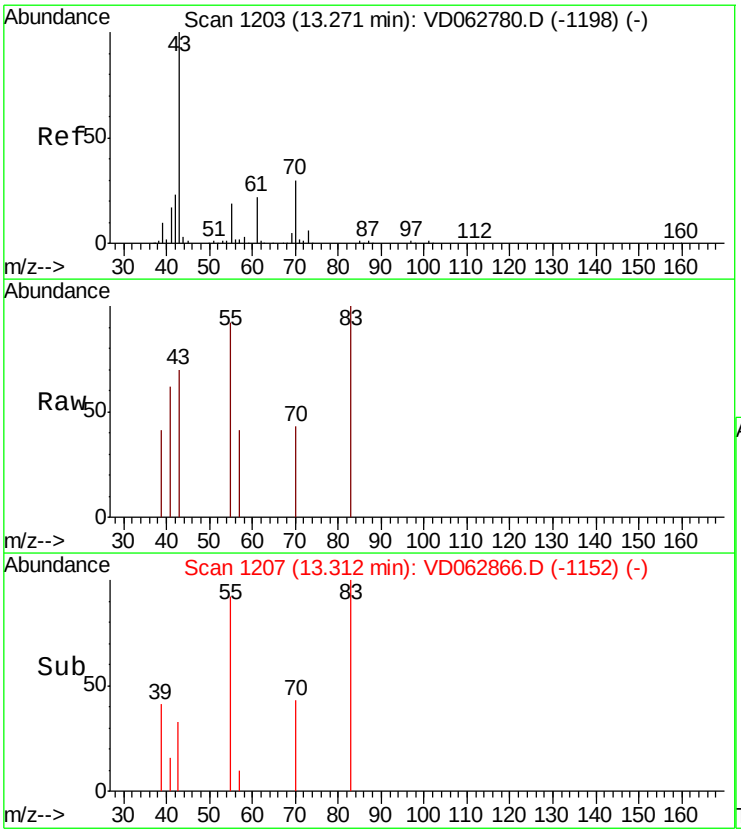
#73
Isopropylbenzene
Concen: 2.534 ug/l
RT: 13.40 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument : MSVOA_D
ClientSampleId : BAT-B05

Tgt Ion:105 Resp: 6177

Ion	Ratio	Lower	Upper
105	100		
120	9.4	11.6	34.7#

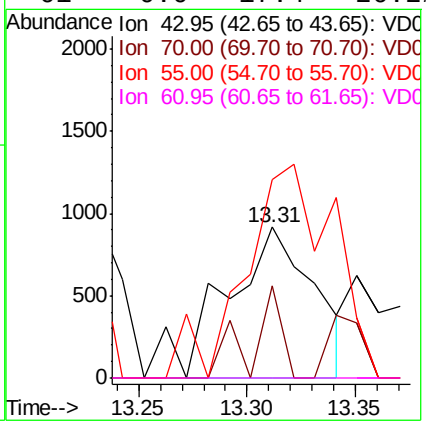


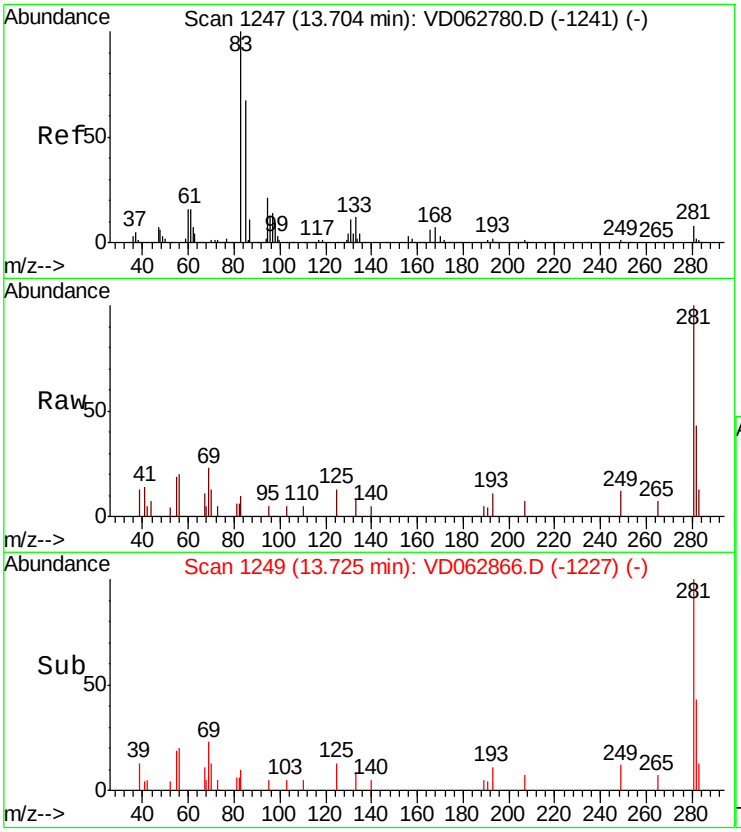


#74
N-amyl acetate
Concen: 4.169 ug/l
RT: 13.31 min Scan# 1207
Delta R.T. 0.04 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion: 43 Resp: 2468

Ion	Ratio	Lower	Upper
43	100		
70	61.5	24.4	36.6#
55	131.6	15.2	22.8#
61	0.0	17.4	26.2#



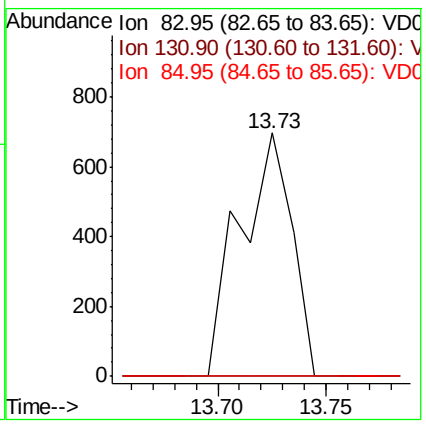


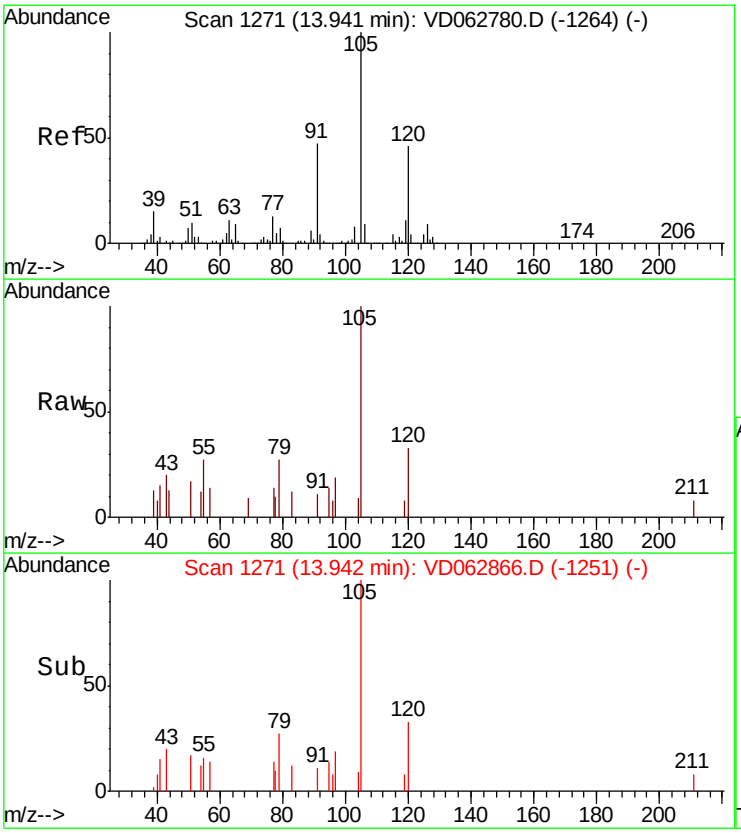
#75
1,1,2,2-Tetrachloroethane
Concen: 2.923 ug/l
RT: 13.73 min Scan# 1249
Delta R.T. 0.02 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument :
MSVOA_D
ClientSampleId :
BAT-B05

Tgt Ion: 83 Resp: 1161

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	16.1#
85	0.0	33.7	101.1#

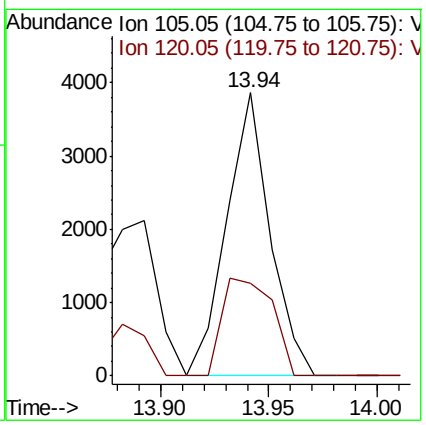


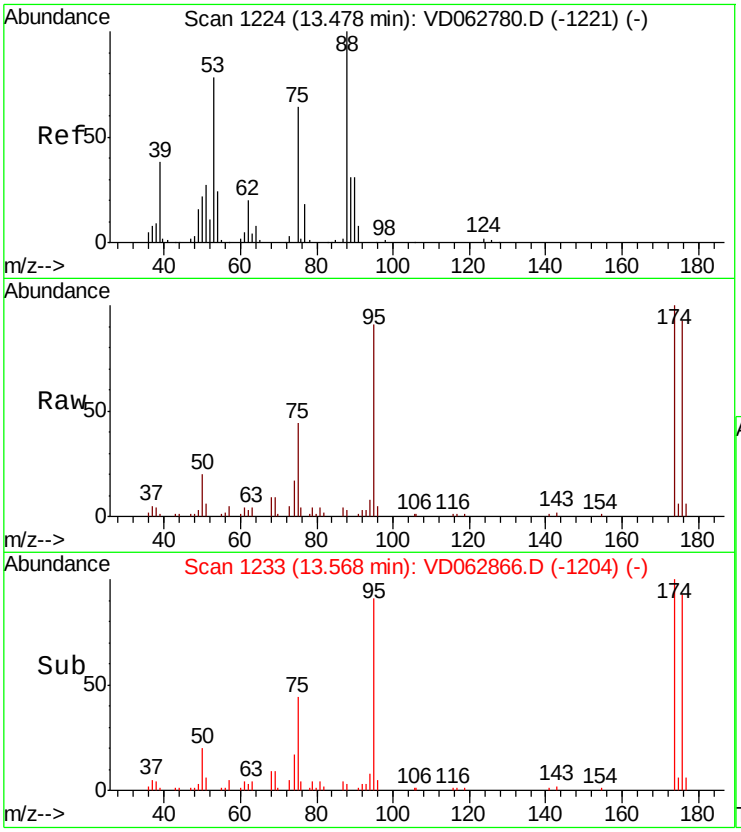


#80
1,3,5-Trimethylbenzene
Concen: 2.635 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion:105 Resp: 5395

Ion	Ratio	Lower	Upper
105	100		
120	32.8	23.1	69.2



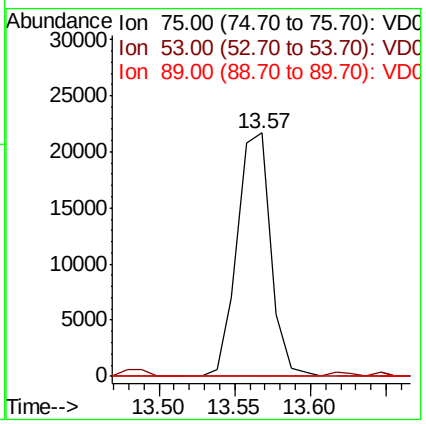


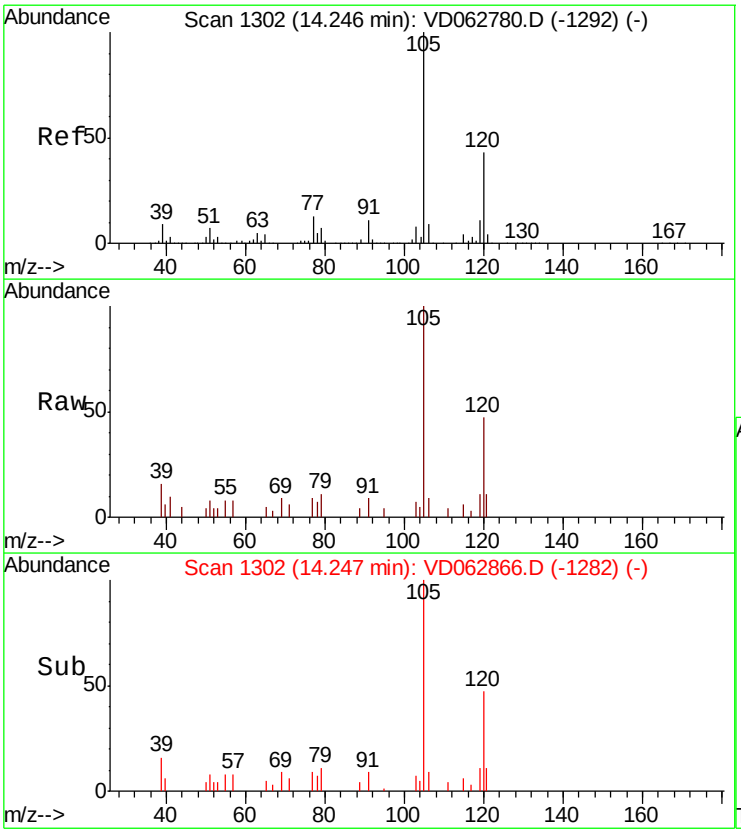
#81
trans-1,4-Dichloro-2-butene
Concen: 290.630 ug/l
RT: 13.57 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument :
MSVOA_D
ClientSampleId :
BAT-B05

Tgt Ion: 75 Resp: 33431

Ion	Ratio	Lower	Upper
75	100		
53	0.0	97.8	146.8#
89	0.0	39.4	59.2#

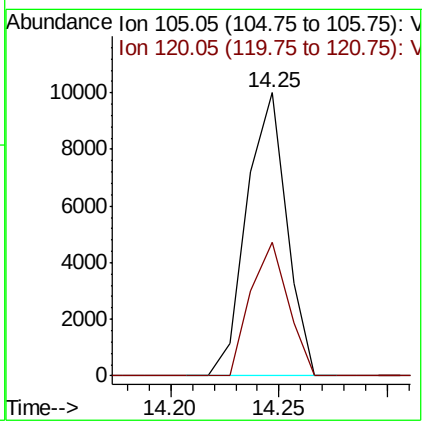


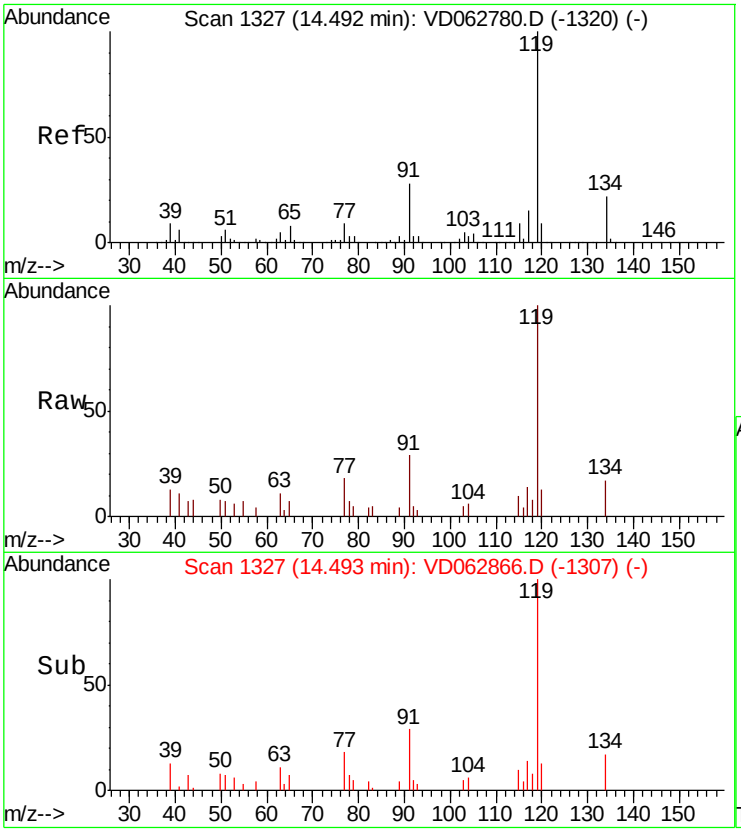


#84
1,2,4-Trimethylbenzene
Concen: 6.082 ug/l
RT: 14.25 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion:105 Resp: 12764

Ion	Ratio	Lower	Upper
105	100		
120	47.2	21.3	63.9



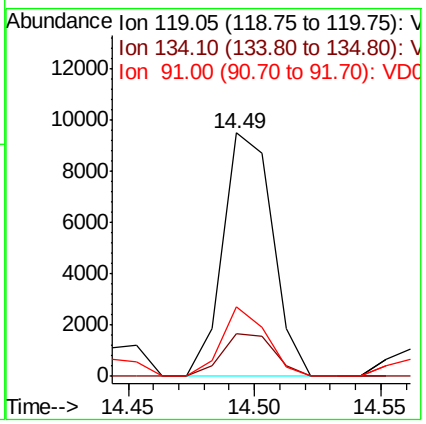


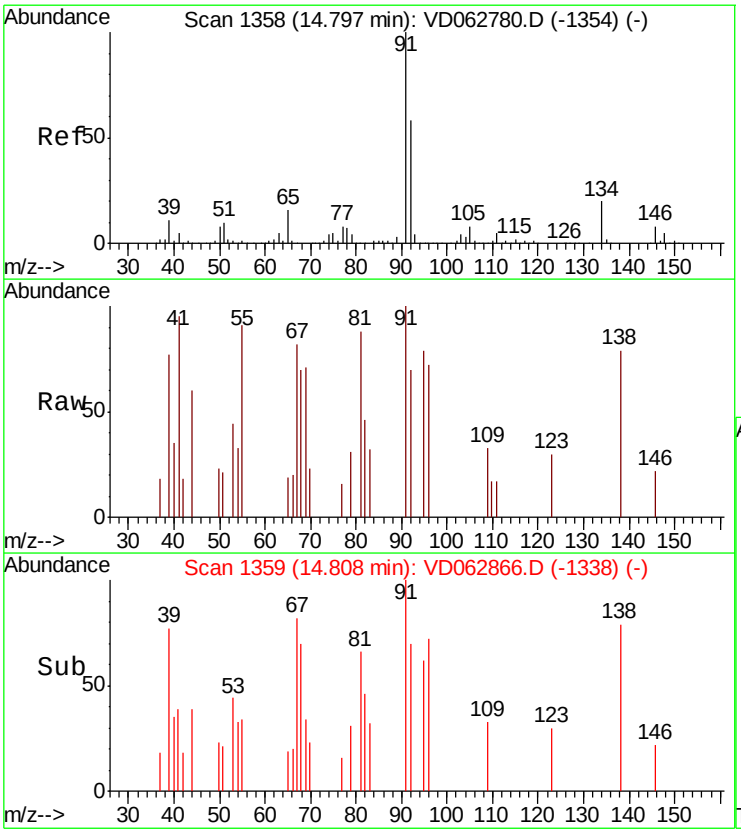
#86
p-Isopropyltoluene
Concen: 5.714 ug/l
RT: 14.49 min Scan# 1327
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument :
MSVOA_D
ClientSampleId :
BAT-B05

Tgt Ion:119 Resp: 12967

Ion	Ratio	Lower	Upper
119	100		
134	17.4	11.1	33.1
91	28.6	14.0	41.9

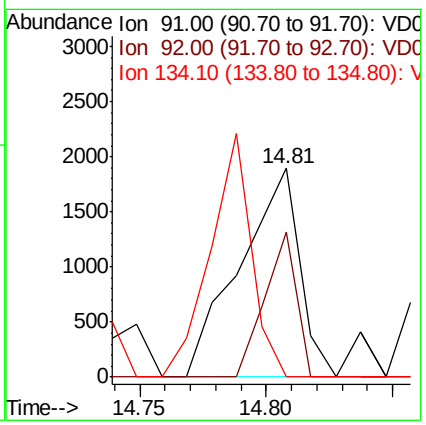


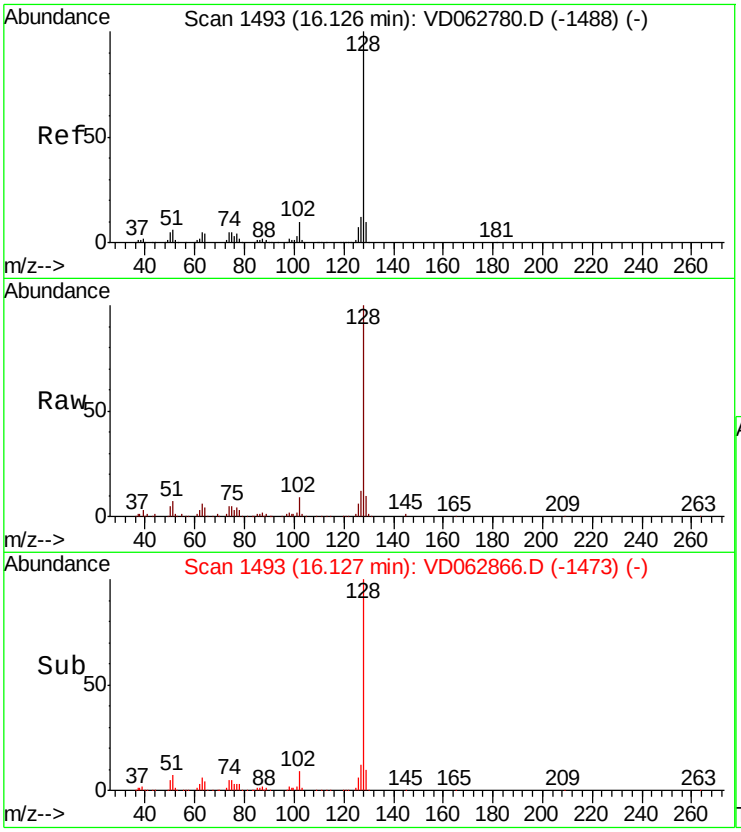


#89
n-Butylbenzene
Concen: 1.473 ug/l
RT: 14.81 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Tgt Ion: 91 Resp: 3129

Ion	Ratio	Lower	Upper
91	100		
92	69.8	28.9	86.7
134	0.0	10.1	30.3#





#95
Naphthalene
Concen: 224.162 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062866.D
Acq: 25 Jun 2019 5:43

Instrument :
MSVOA_D
ClientSampleId :
BAT-B05

Tgt Ion:128 Resp: 246804

Ion	Ratio	Lower	Upper
128	100		
127	11.8	9.7	14.5
129	10.2	8.3	12.5