Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052319\
Data File : VD062522.D
Acq On : 23 May 2019 15:14
Operator : VA/AP
Sample : K2996-07RE
Misc : 5.76g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: May 24 01:21:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	444165	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	610167	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	539719	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	248674	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	177696	37.37	ug/l	-0.02
Spiked Amount 50.000			Recovery = 74.74%			
35) Dibromofluoromethane	6.92	113	220286	40.02	ug/l	-0.02
Spiked Amount 50.000			Recovery = 80.04%			
50) Toluene-d8	10.41	98	505038	41.93	ug/l	-0.02
Spiked Amount 50.000			Recovery = 83.86%			
62) 4-Bromofluorobenzene	13.56	95	219034	41.57	ug/l	-0.01
Spiked Amount 50.000			Recovery = 83.14%			
Target Compounds						Qvalue
13) Acrolein	3.17	56	1341	7.358	ug/l	84
16) Acetone	3.22	43	12674	14.876	ug/l #	82
17) Carbon Disulfide	3.37	76	11723	1.177	ug/l #	75
18) Methyl Acetate	3.77	43	14575	9.914	ug/l #	53
20) Methylene Chloride	3.81	84	8185	Below Cal	#	77
31) Cyclohexane	7.04	56	8085	1.801	ug/l #	10
36) 1,1-Dichloropropene	7.04	75	32676	5.601	ug/l #	48
38) Carbon Tetrachloride	7.04	117	43366	5.002	ug/l #	16
51) 4-Methyl-2-Pentanone	10.36	43	6928	3.488	ug/l #	69
59) 2-Hexanone	11.48	43	1483	1.027	ug/l #	27
68) m/p-Xylenes	12.67	106	8896	1.386	ug/l	79
81) trans-1,4-Dichloro-2-buten	13.56	75	95208	115.252	ug/l #	17
84) 1,2,4-Trimethylbenzene	14.23	105	19425	1.397	ug/l	94
85) sec-Butylbenzene	14.23	105	19423	1.237	ug/l #	60
95) Naphthalene	16.12	128	8660	1.205	ug/l	99

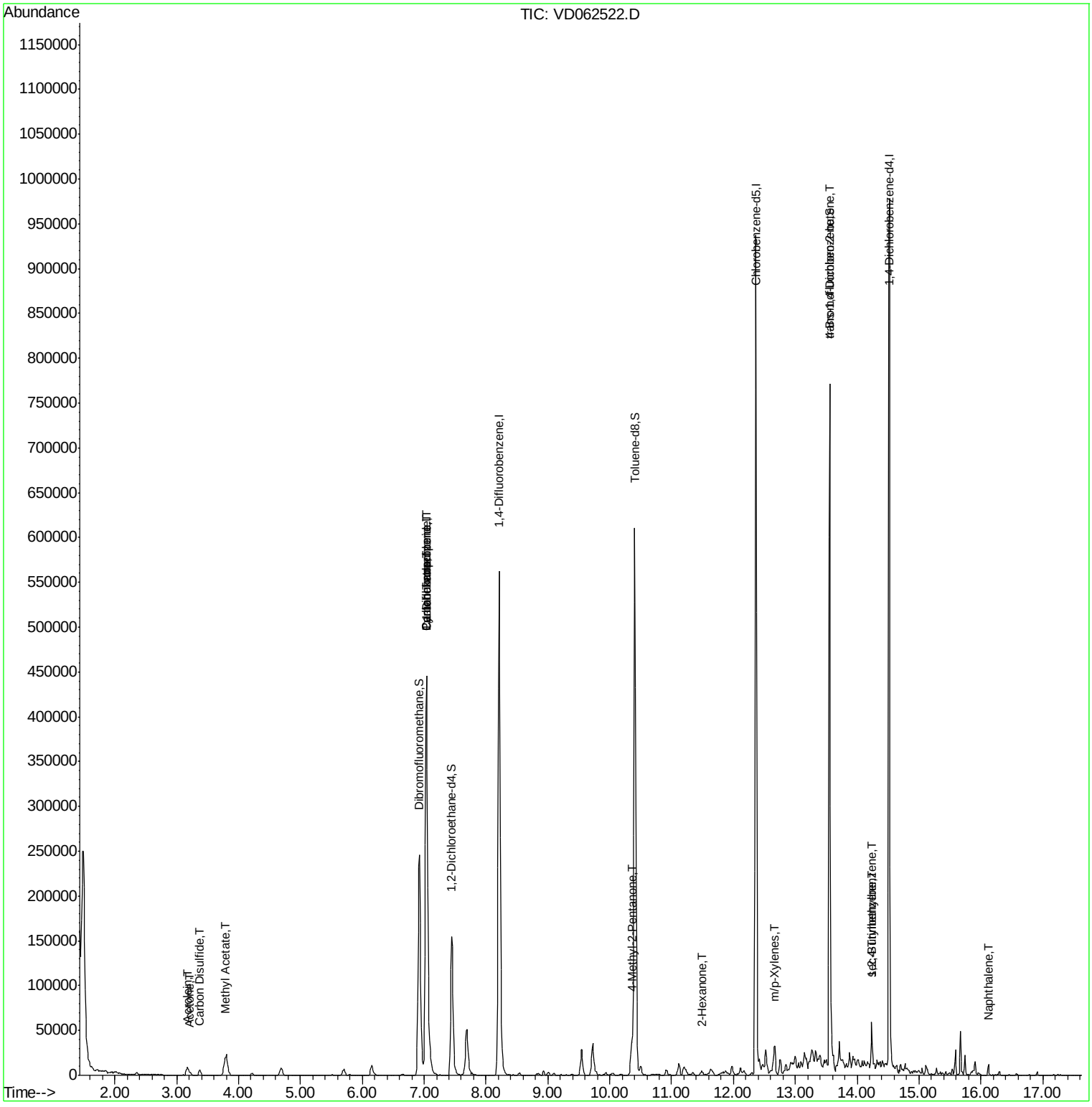
(#) = qualifier out of range (m) = manual integration (+) = signals summed

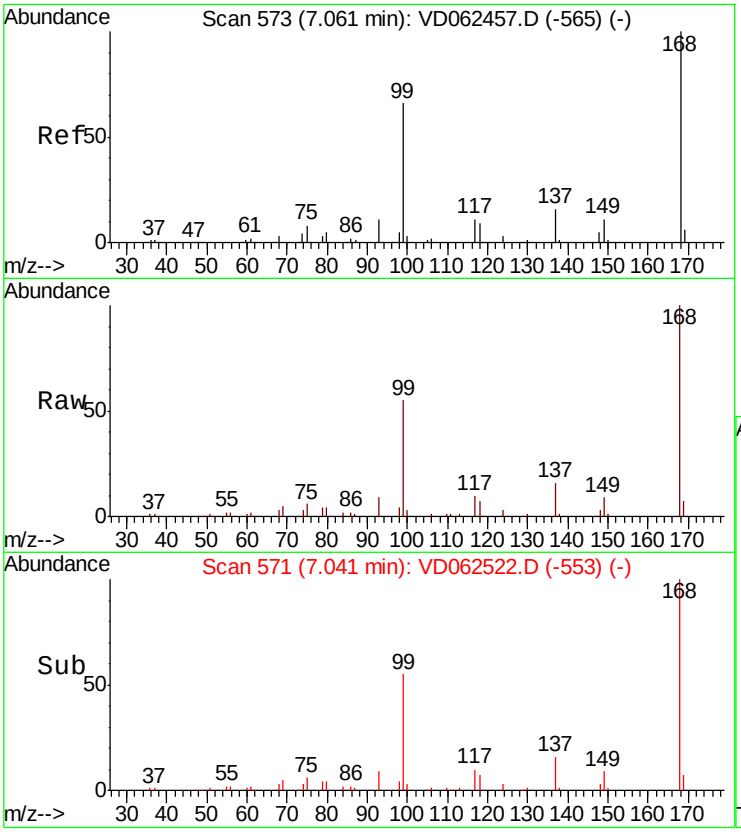
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052319\
Data File : VD062522.D
Acq On : 23 May 2019 15:14
Operator : VA/AP
Sample : K2996-07RE
Misc : 5.76g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 24 01:21:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration



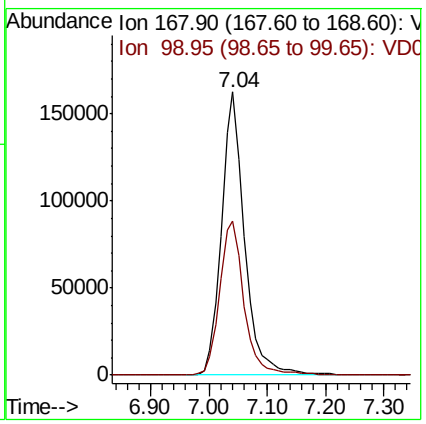


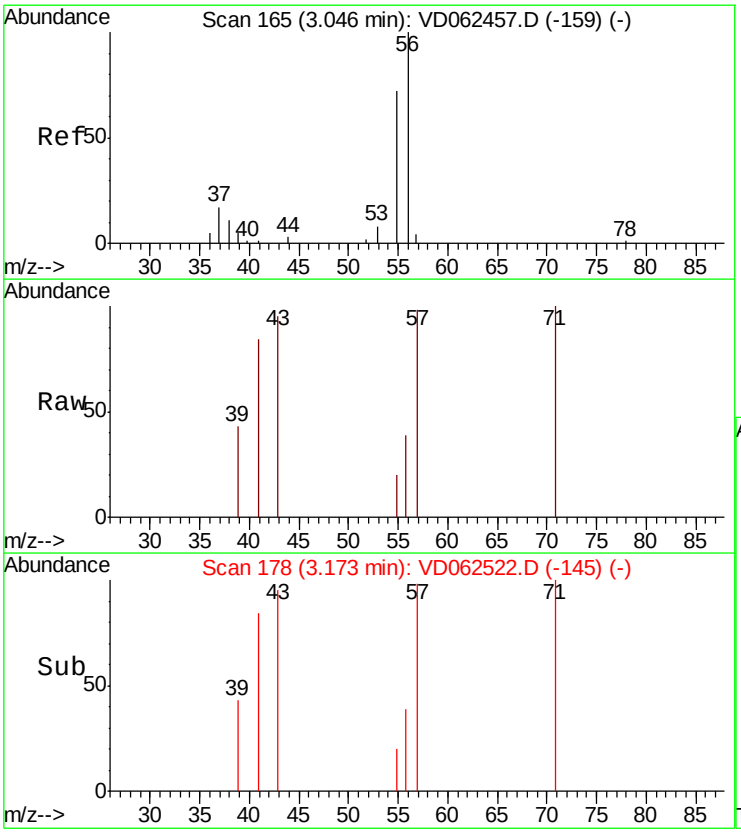
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.02 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 444165

Ion	Ratio	Lower	Upper
168	100		
99	54.5	46.5	69.7

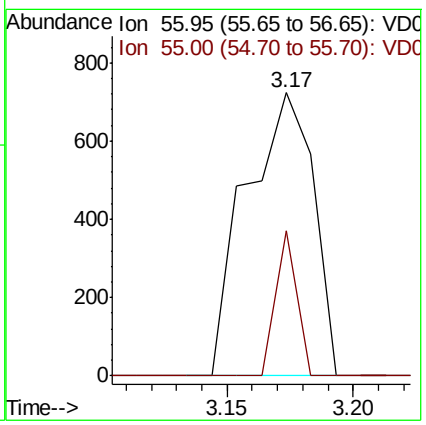


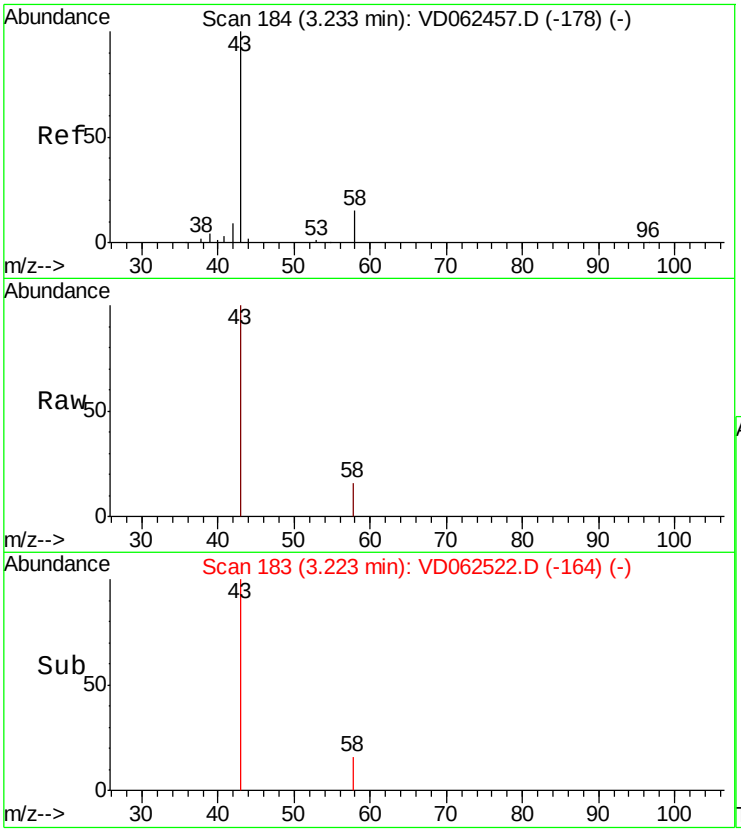


#13
Acrolein
Concen: 7.358 ug/l
RT: 3.17 min Scan# 178
Delta R.T. 0.13 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Tgt Ion: 56 Resp: 1341

Ion	Ratio	Lower	Upper
56	100		
55	51.5	51.4	77.2



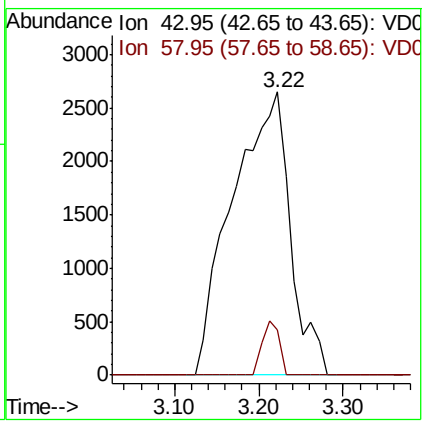


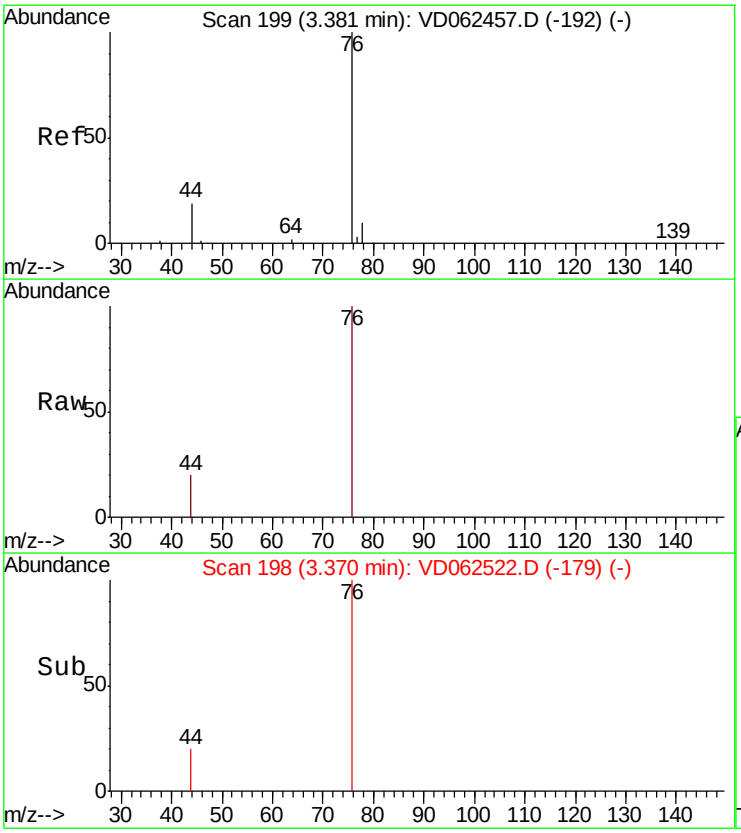
#16
Acetone
Concen: 14.876 ug/l
RT: 3.22 min Scan# 183
Delta R.T. -0.01 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 12674

Ion	Ratio	Lower	Upper
43	100		
58	15.8	19.9	29.9#

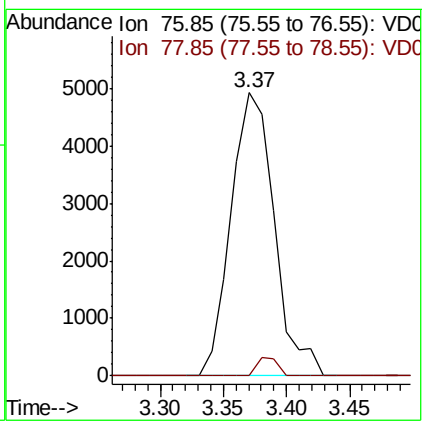


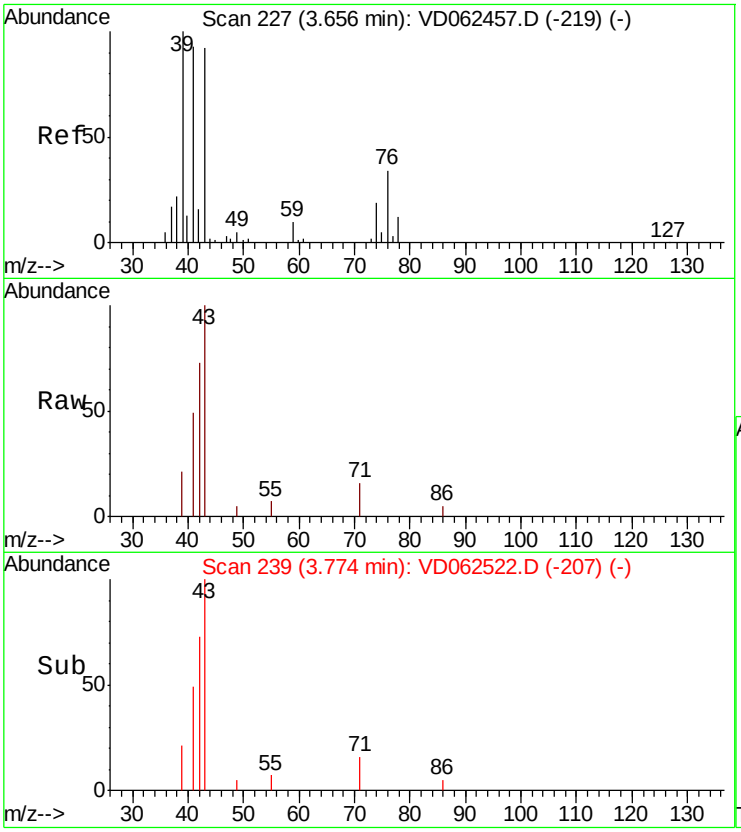


#17
Carbon Disulfide
Concen: 1.177 ug/l
RT: 3.37 min Scan# 198
Delta R.T. -0.01 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Tgt Ion: 76 Resp: 11723

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



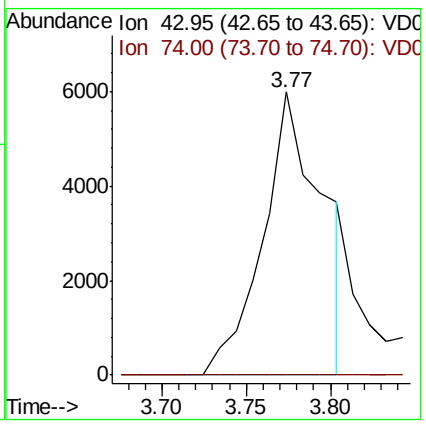


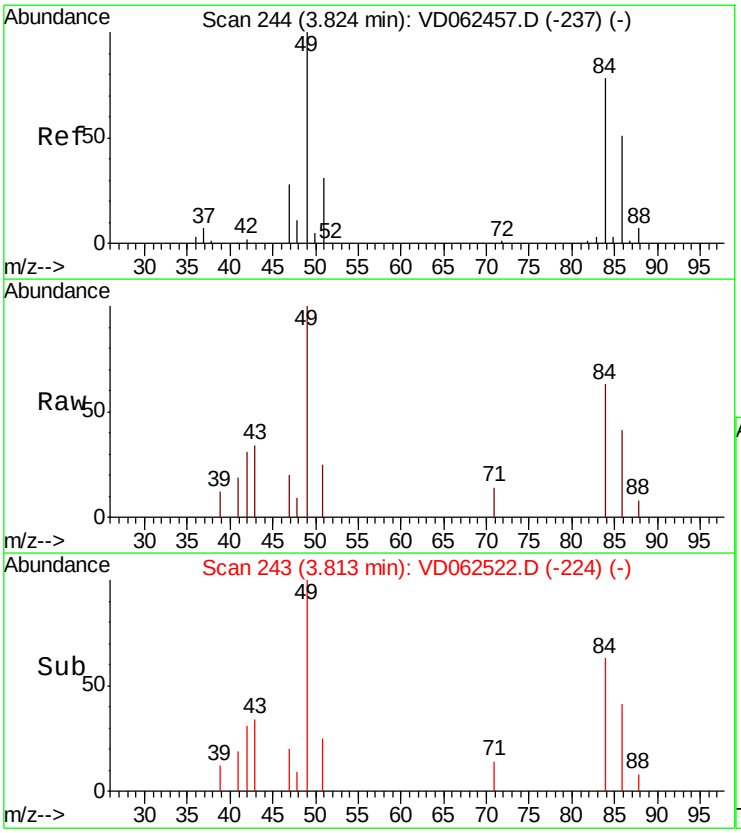
#18
Methyl Acetate
Concen: 9.914 ug/l
RT: 3.77 min Scan# 239
Delta R.T. 0.12 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 14575

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#

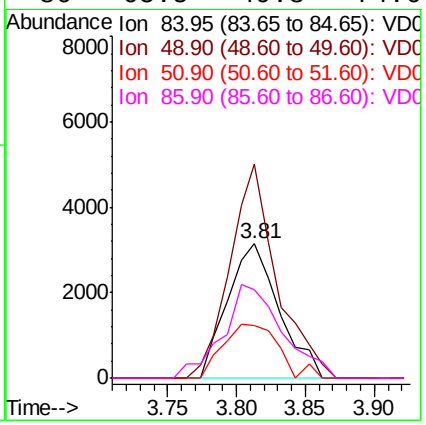


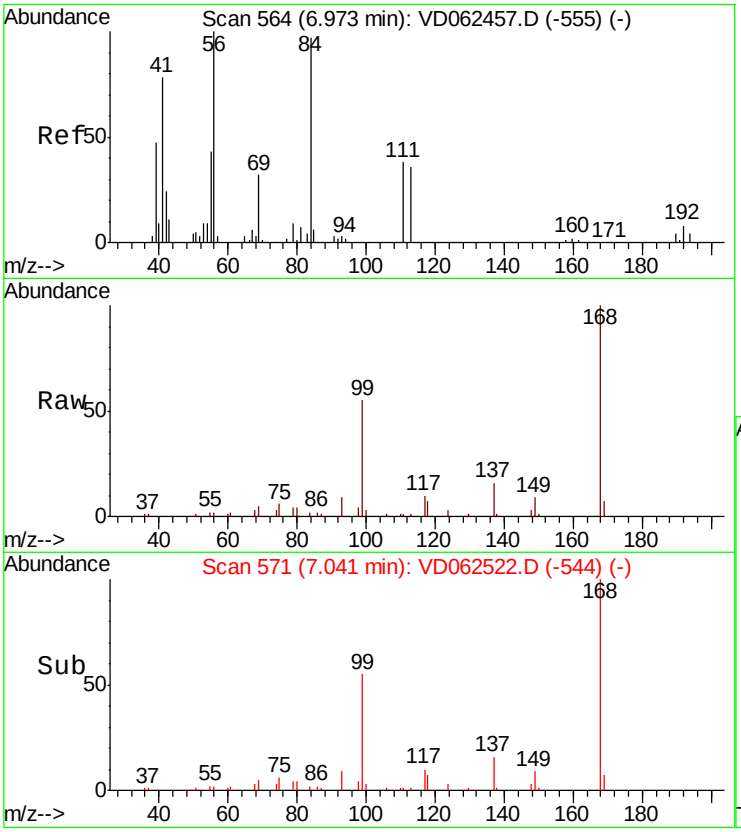


#20
Methylene Chloride
Concen: Below Cal
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Tgt Ion: 84 Resp: 8185

Ion	Ratio	Lower	Upper
84	100		
49	159.2	94.0	141.0#
51	39.1	29.0	43.4
86	65.5	49.8	74.6



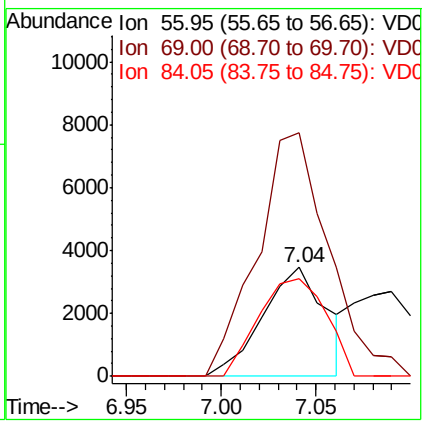


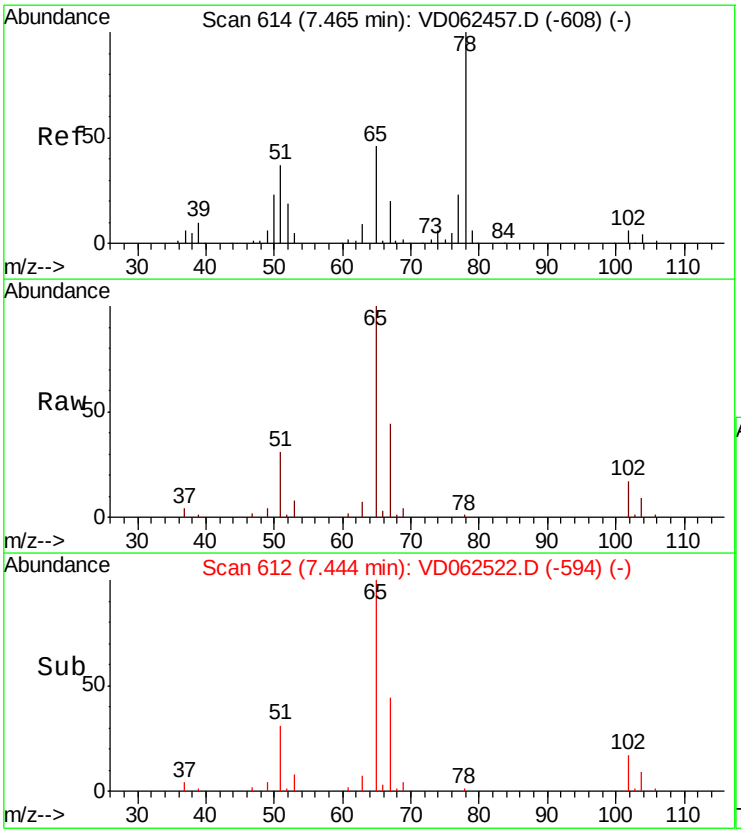
#31
Cyclohexane
Concen: 1.801 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.07 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 8085

Ion	Ratio	Lower	Upper
56	100		
69	223.6	25.8	38.6#
84	89.8	72.2	108.4

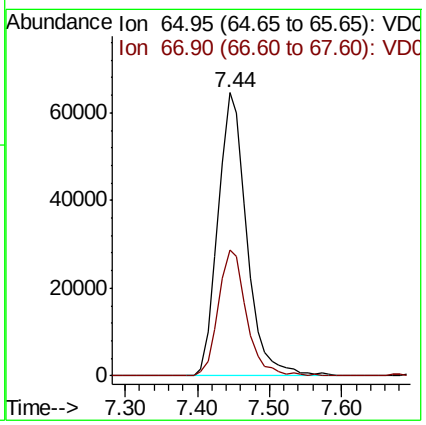


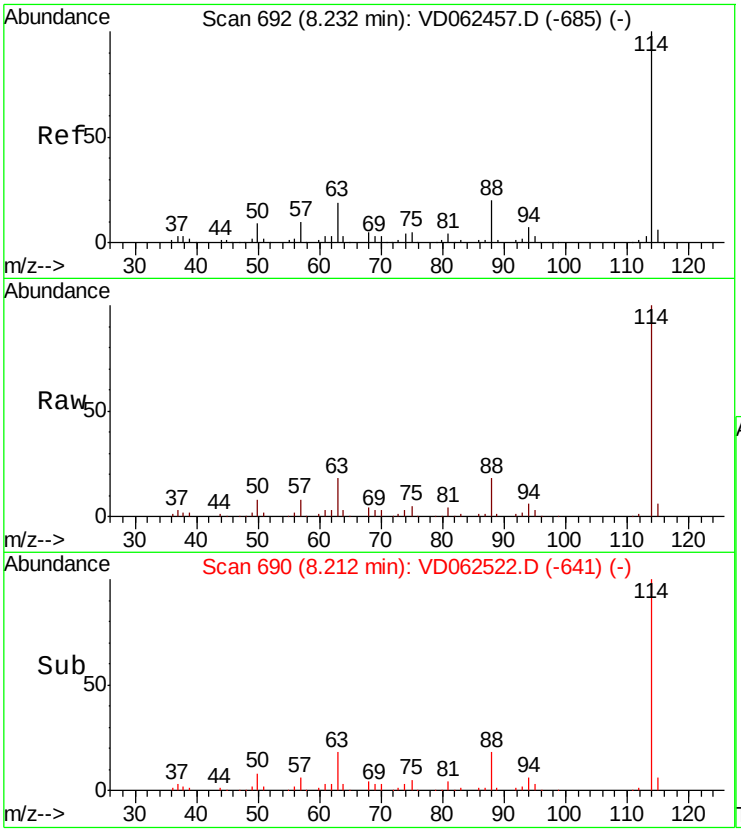


#33
1,2-Dichloroethane-d4
Concen: 37.374 ug/l
RT: 7.44 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Tgt Ion: 65 Resp: 177696

Ion	Ratio	Lower	Upper
65	100		
67	44.3	0.0	98.0



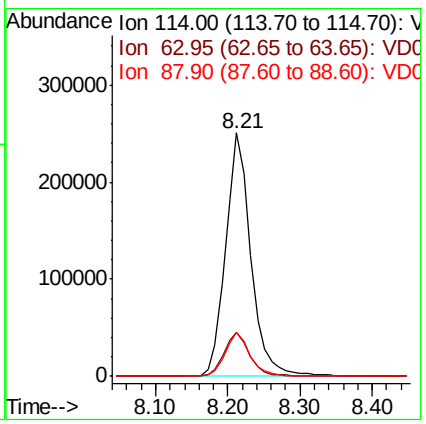


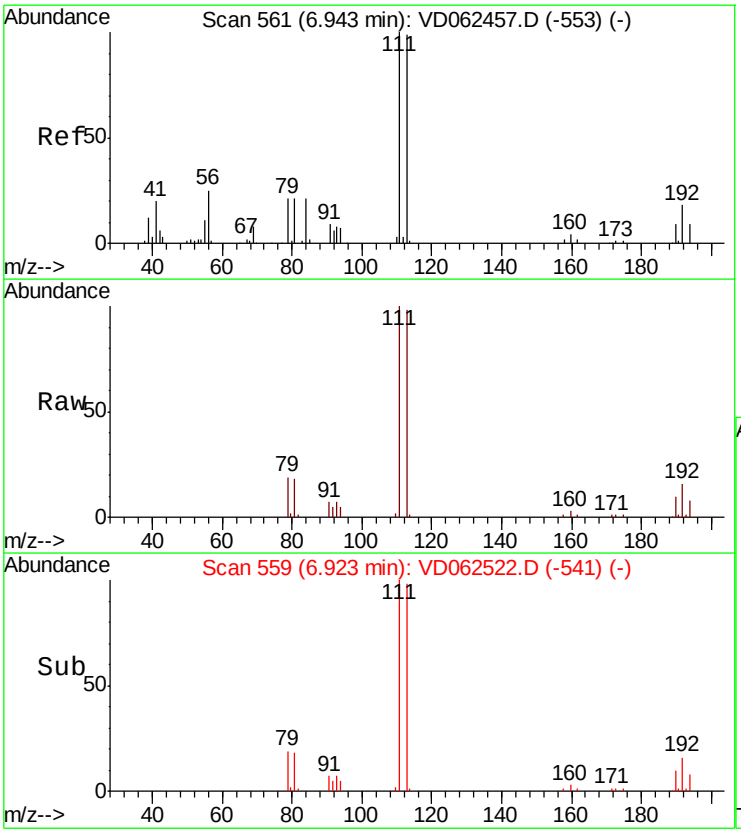
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 690
Delta R.T. -0.02 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 610167

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	32.4
88	18.1	0.0	33.6

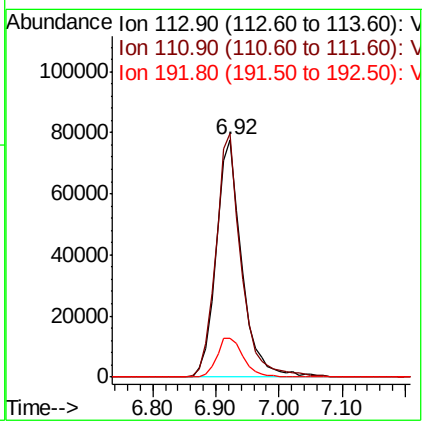


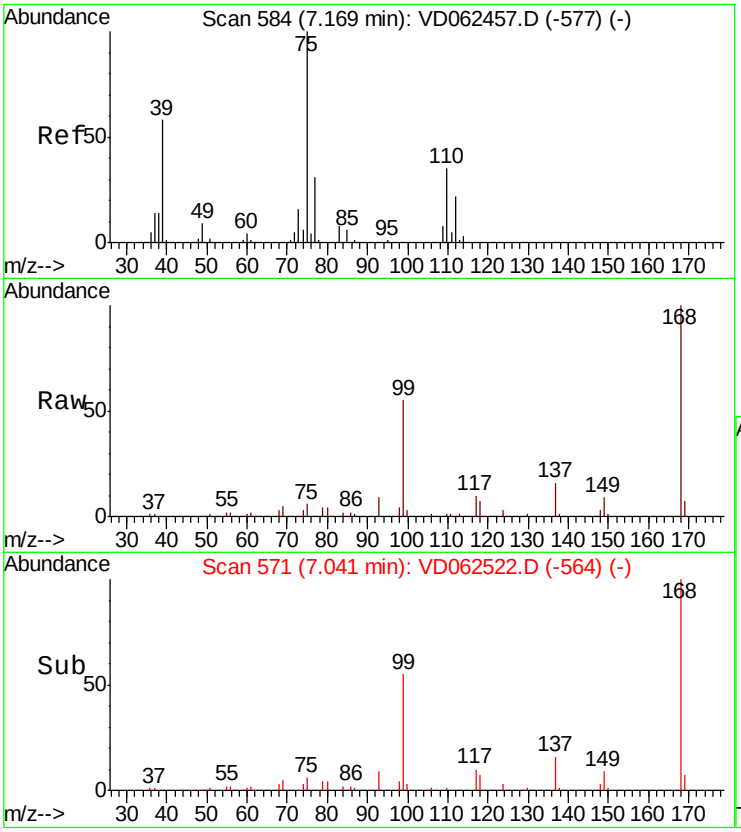


#35
Dibromofluoromethane
Concen: 40.020 ug/l
RT: 6.92 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Tgt Ion:113 Resp: 220286

Ion	Ratio	Lower	Upper
113	100		
111	102.5	78.5	117.7
192	16.2	13.0	19.4



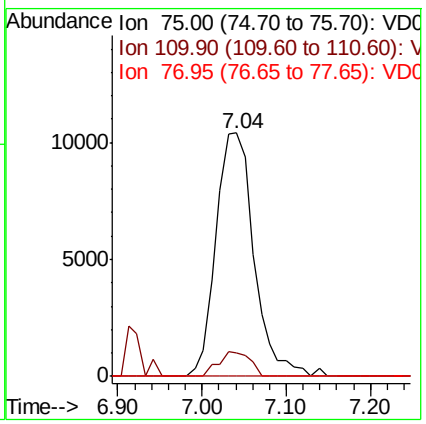


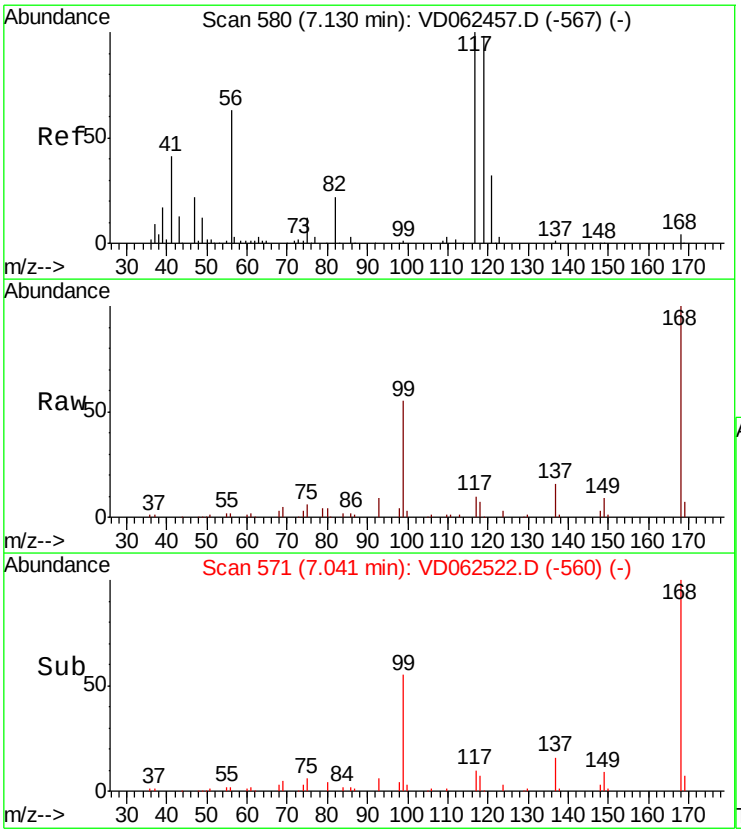
#36
1,1-Dichloropropene
Concen: 5.601 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.13 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 32676

Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.1	57.1#
77	0.0	25.6	38.4#

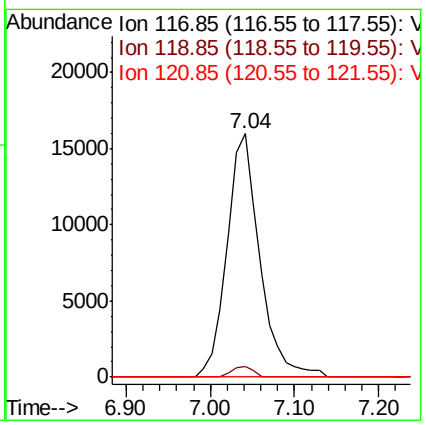


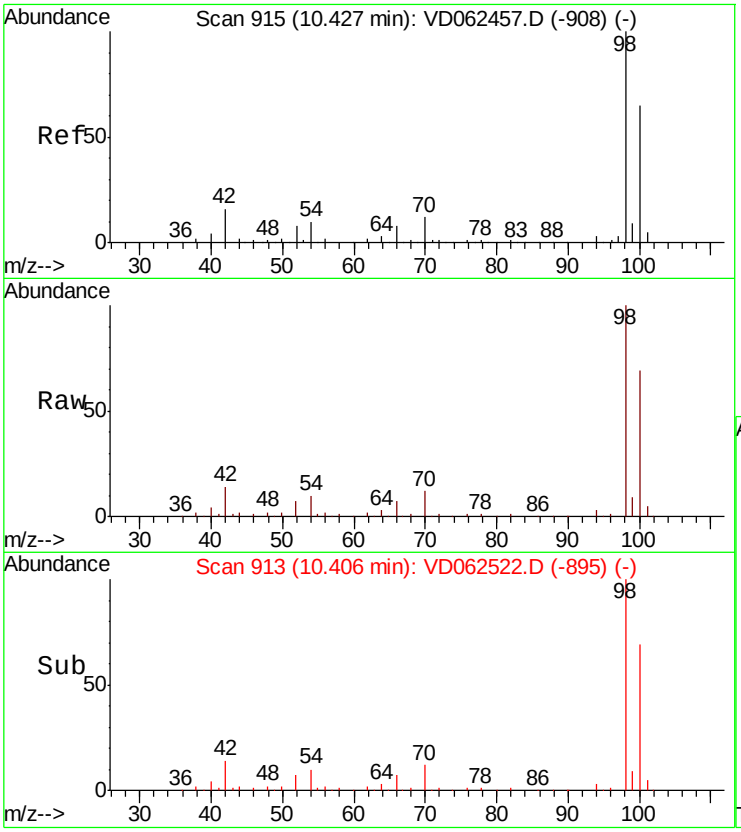


#38
Carbon Tetrachloride
Concen: 5.002 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.09 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Tgt Ion:117 Resp: 43366

Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.8	113.8#
121	0.0	25.9	38.9#



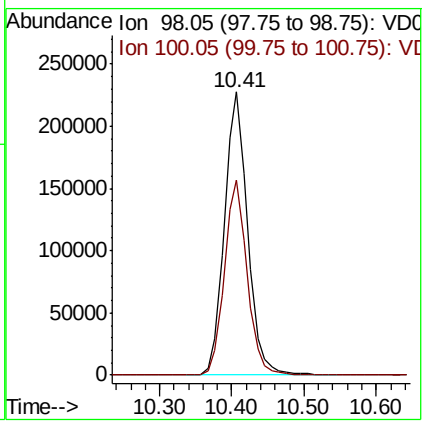


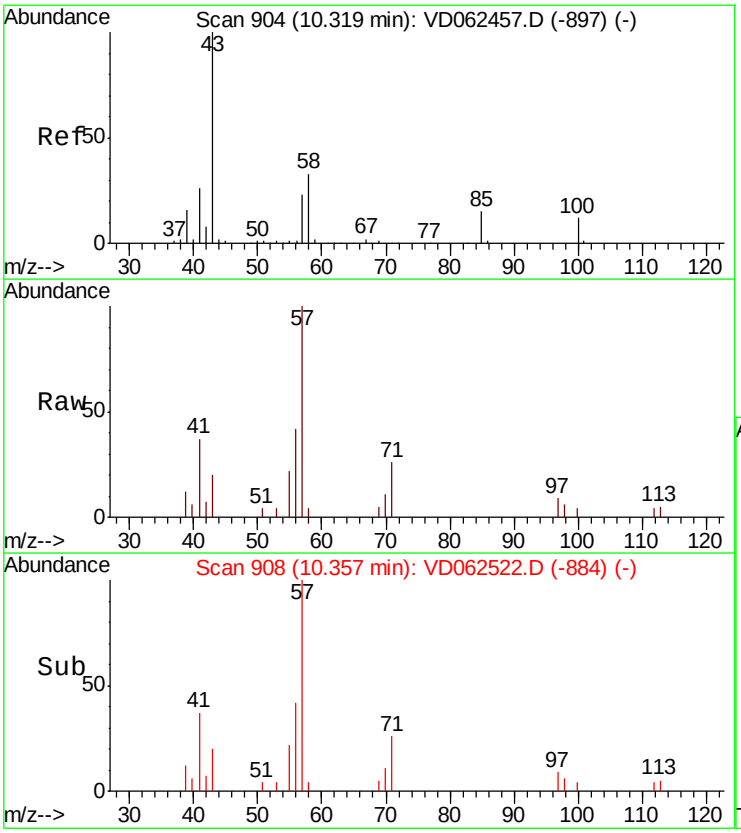
#50
Toluene-d8
Concen: 41.926 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.02 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 505038

Ion	Ratio	Lower	Upper
98	100		
100	69.1	53.8	80.8

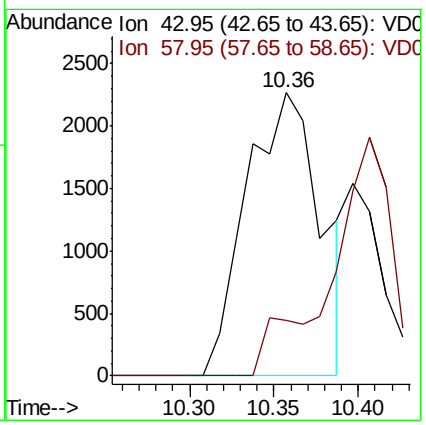


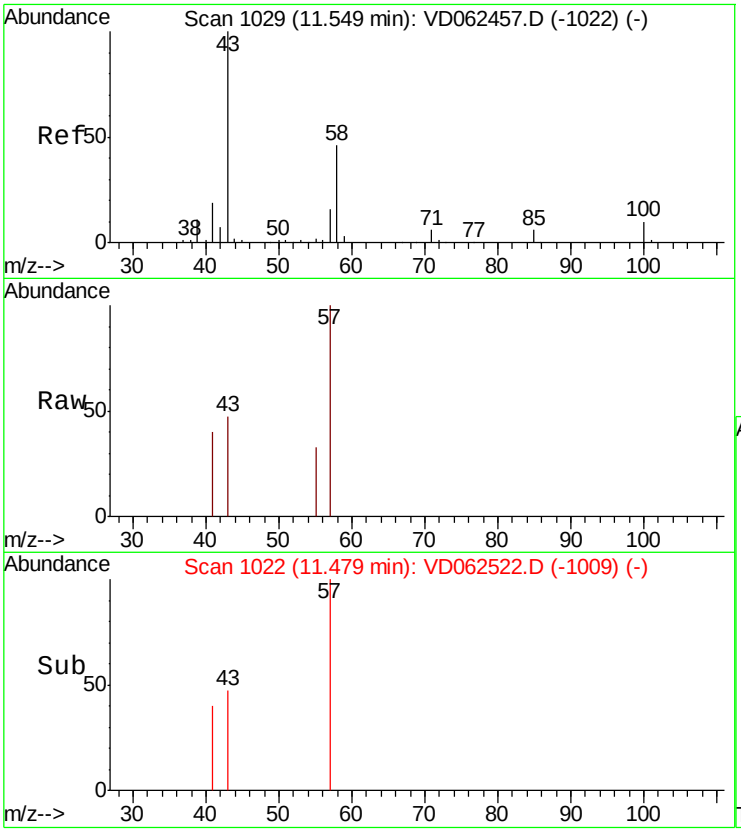


#51
4-Methyl-2-Pentanone
Concen: 3.488 ug/l
RT: 10.36 min Scan# 908
Delta R.T. 0.04 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Tgt Ion: 43 Resp: 6928

Ion	Ratio	Lower	Upper
43	100		
58	19.4	30.4	45.6#



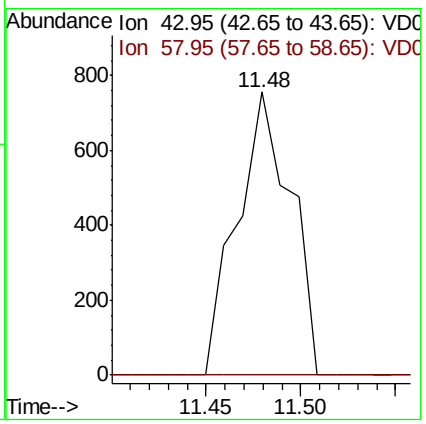


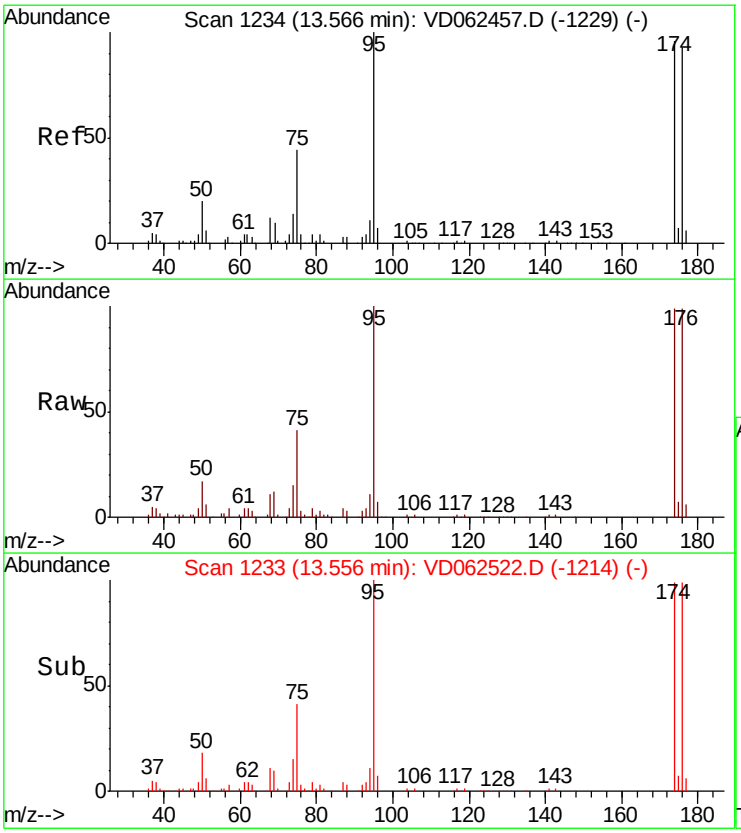
#59
2-Hexanone
Concen: 1.027 ug/l
RT: 11.48 min Scan# 1022
Delta R.T. -0.07 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1483

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.4	76.4#

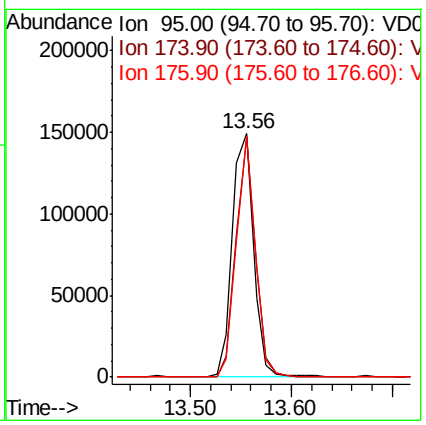


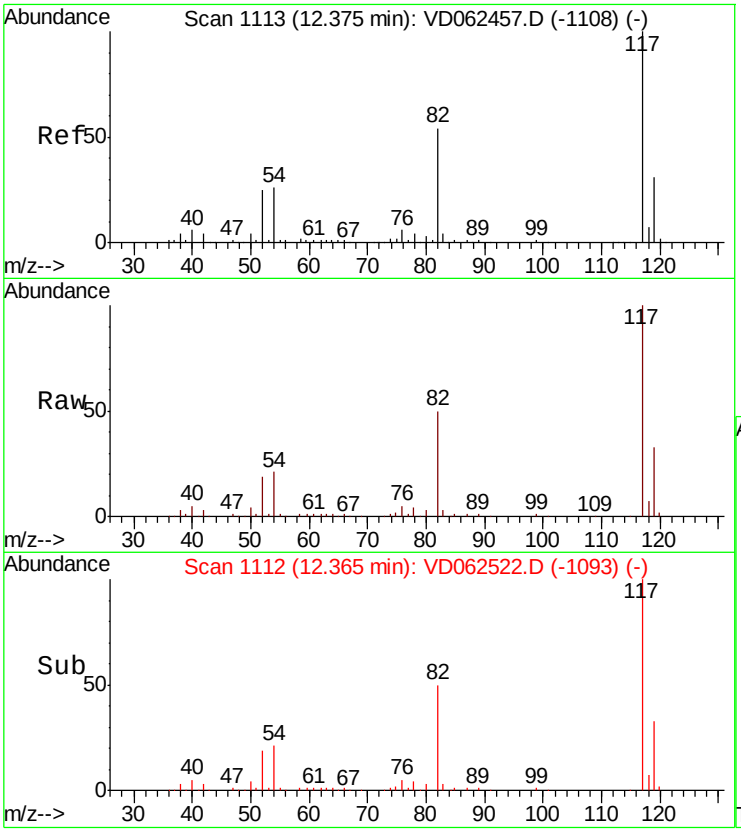


#62
4-Bromofluorobenzene
Concen: 41.568 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.01 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Tgt Ion: 95 Resp: 219034

Ion	Ratio	Lower	Upper
95	100		
174	98.7	0.0	181.8
176	98.8	0.0	174.4



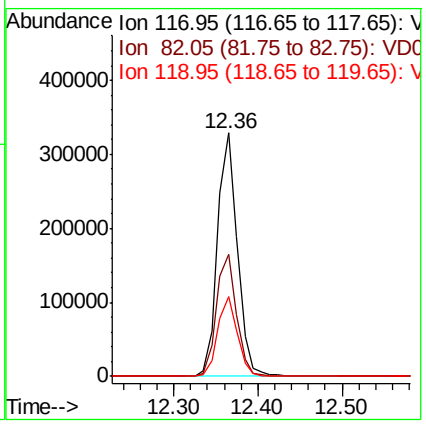


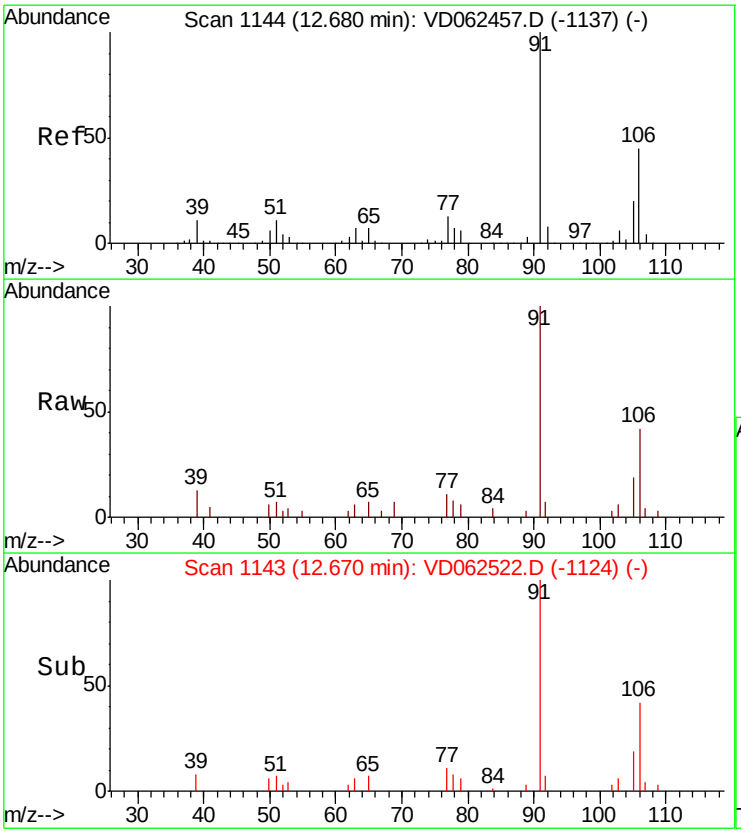
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 539719

Ion	Ratio	Lower	Upper
117	100		
82	50.4	36.2	54.2
119	32.9	26.2	39.4

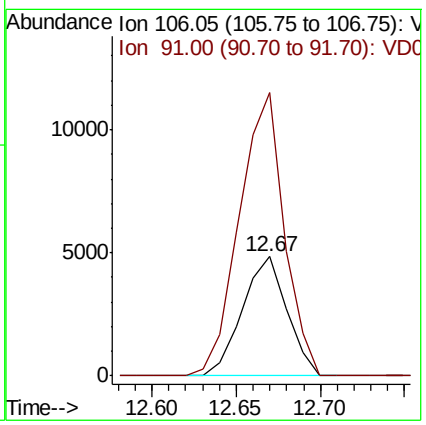


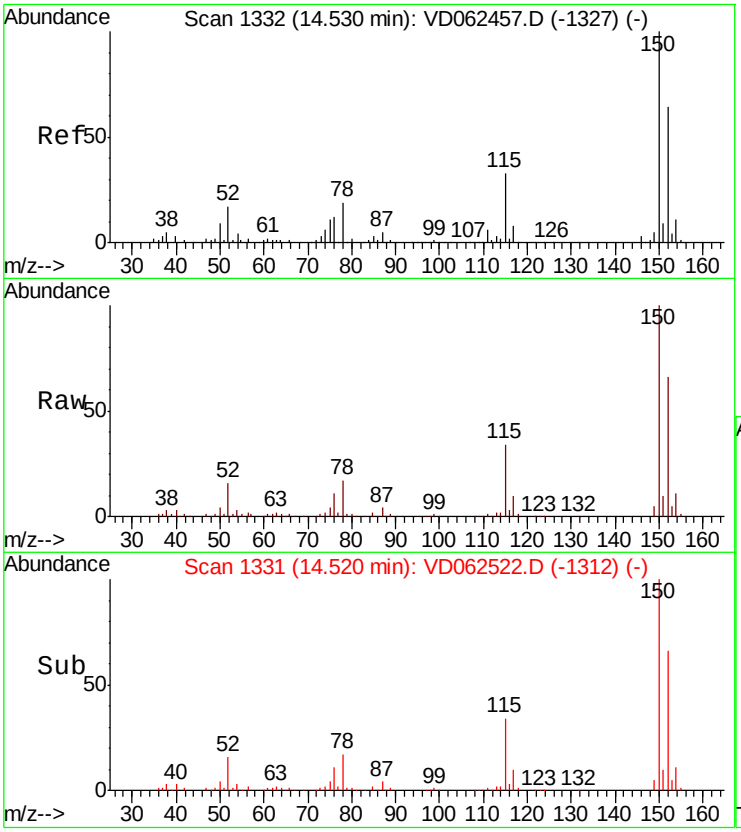


#68
m/p-Xylenes
Concen: 1.386 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Tgt Ion:106 Resp: 8896

Ion	Ratio	Lower	Upper
106	100		
91	237.6	164.0	246.0



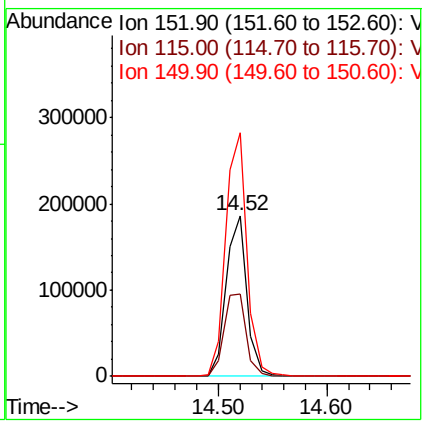


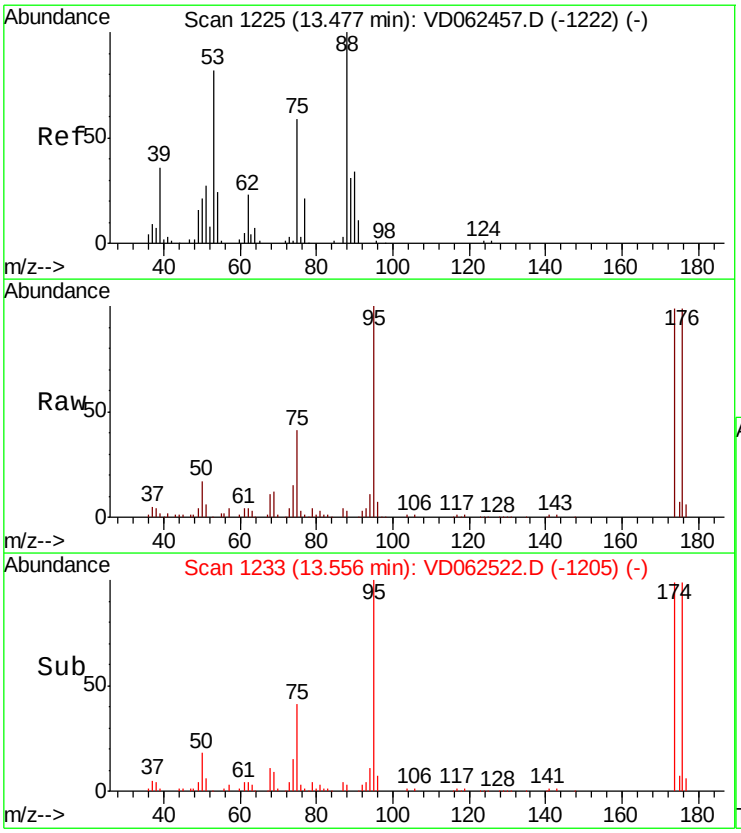
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 248674

Ion	Ratio	Lower	Upper
152	100		
115	51.6	30.9	92.7
150	151.4	0.0	314.8

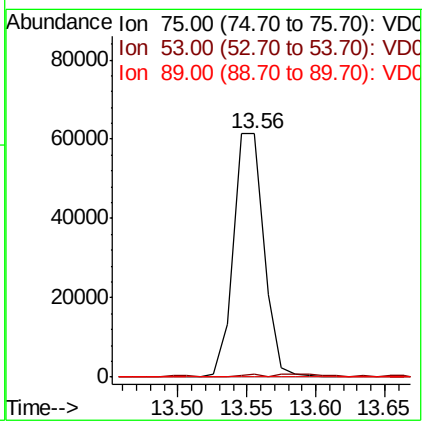


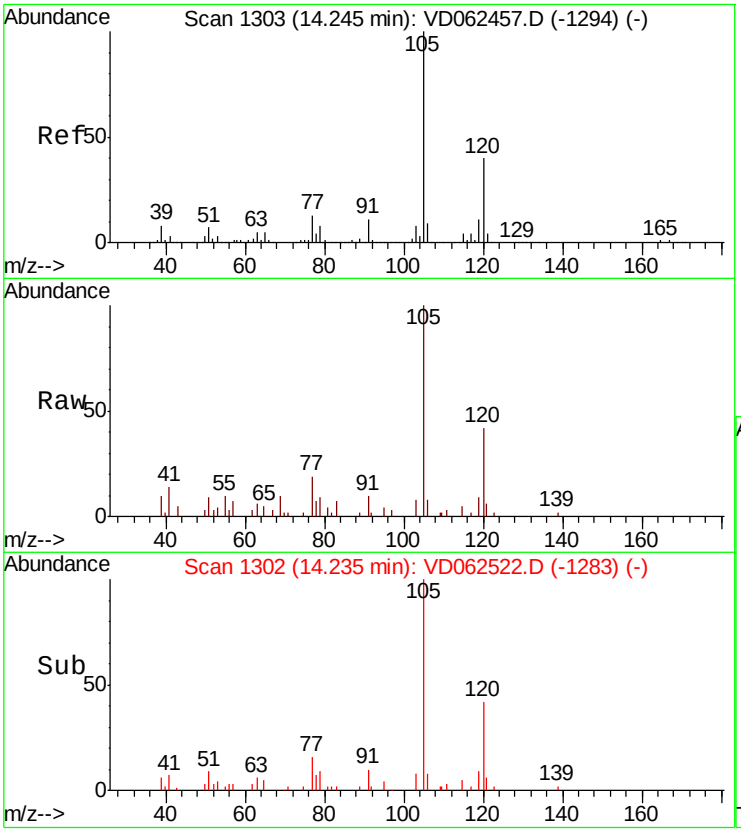


#81
trans-1,4-Dichloro-2-butene
Concen: 115.252 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.08 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Tgt Ion: 75 Resp: 95208

Ion	Ratio	Lower	Upper
75	100		
53	1.2	65.8	98.8#
89	0.0	35.0	52.6#



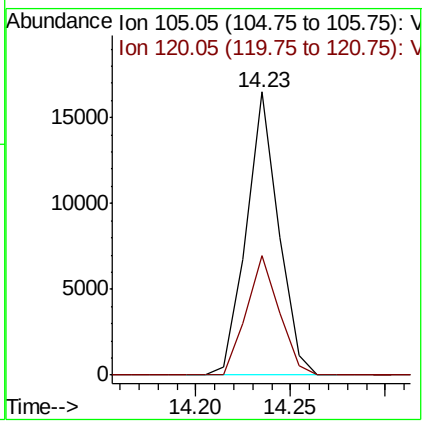


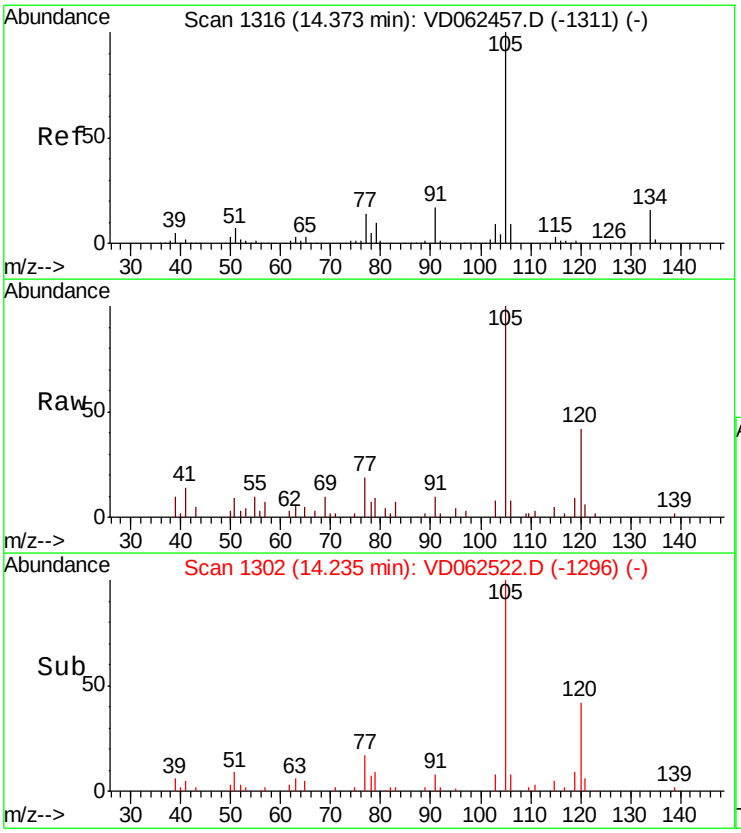
#84
1,2,4-Trimethylbenzene
Concen: 1.397 ug/l
RT: 14.23 min Scan# 1302
Delta R.T. -0.01 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 19425

Ion	Ratio	Lower	Upper
105	100		
120	42.3	23.1	69.2

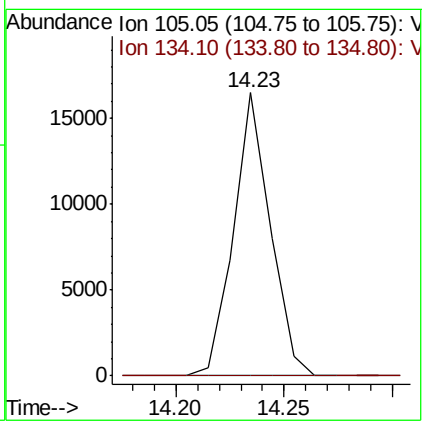


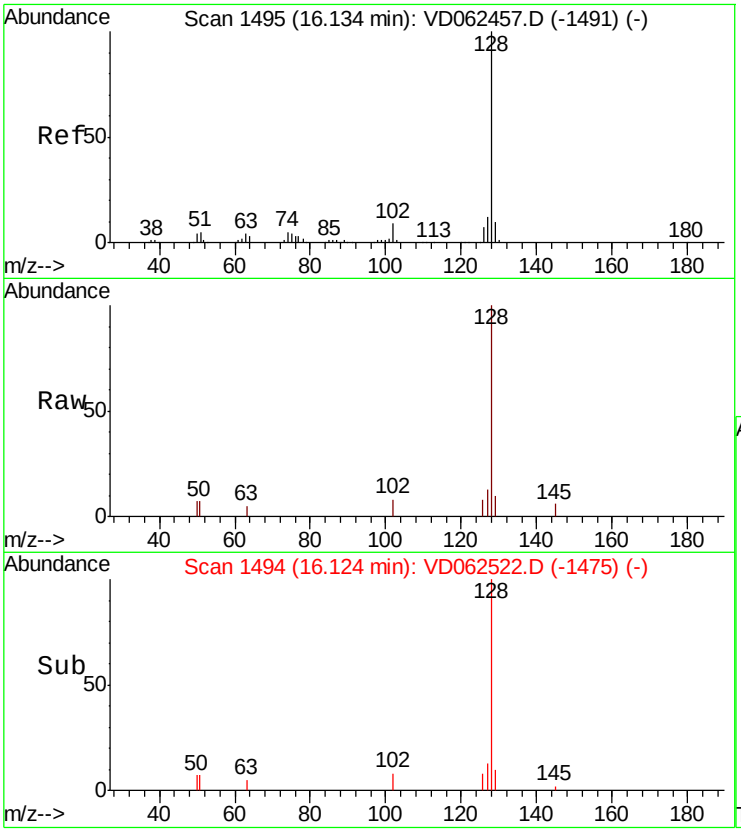


#85
sec-Butylbenzene
Concen: 1.237 ug/l
RT: 14.23 min Scan# 1302
Delta R.T. -0.14 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Tgt Ion:105 Resp: 19423

Ion	Ratio	Lower	Upper
105	100		
134	0.0	8.9	26.7#





#95
Naphthalene
Concen: 1.205 ug/l
RT: 16.12 min Scan# 1494
Delta R.T. -0.01 min
Lab File: VD062522.D
Acq: 23 May 2019 15:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 8660

Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.8	14.8
129	10.1	8.8	13.2