Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050819\
Data File : VD062172.D
Acq On : 8 May 2019 14:21
Operator : FY/SY
Sample : K2658-20
Misc : 6.03g/5mL/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EP1-SB-W5-6(17-20)

Quant Time: May 11 02:23:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	735726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	943600	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	842194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	430686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	344418	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.74%			
35) Dibromofluoromethane	6.90	113	446886	57.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.16%			
50) Toluene-d8	10.39	98	1029949	54.56	ug/l	-0.01
Spiked Amount 50.000			Recovery = 109.12%			
62) 4-Bromofluorobenzene	13.54	95	427395	56.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.76%			
Target Compounds						Qvalue
16) Acetone	3.19	43	135455	94.471	ug/l #	88
29) Tetrahydrofuran	6.44	42	7823	10.856	ug/l	93
67) Ethyl Benzene	12.51	91	35199	1.340	ug/l	96
73) Isopropylbenzene	13.39	105	135174	5.236	ug/l	96
78) n-propylbenzene	13.76	91	56051	1.820	ug/l	97
85) sec-Butylbenzene	14.35	105	47835	1.785	ug/l	96

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

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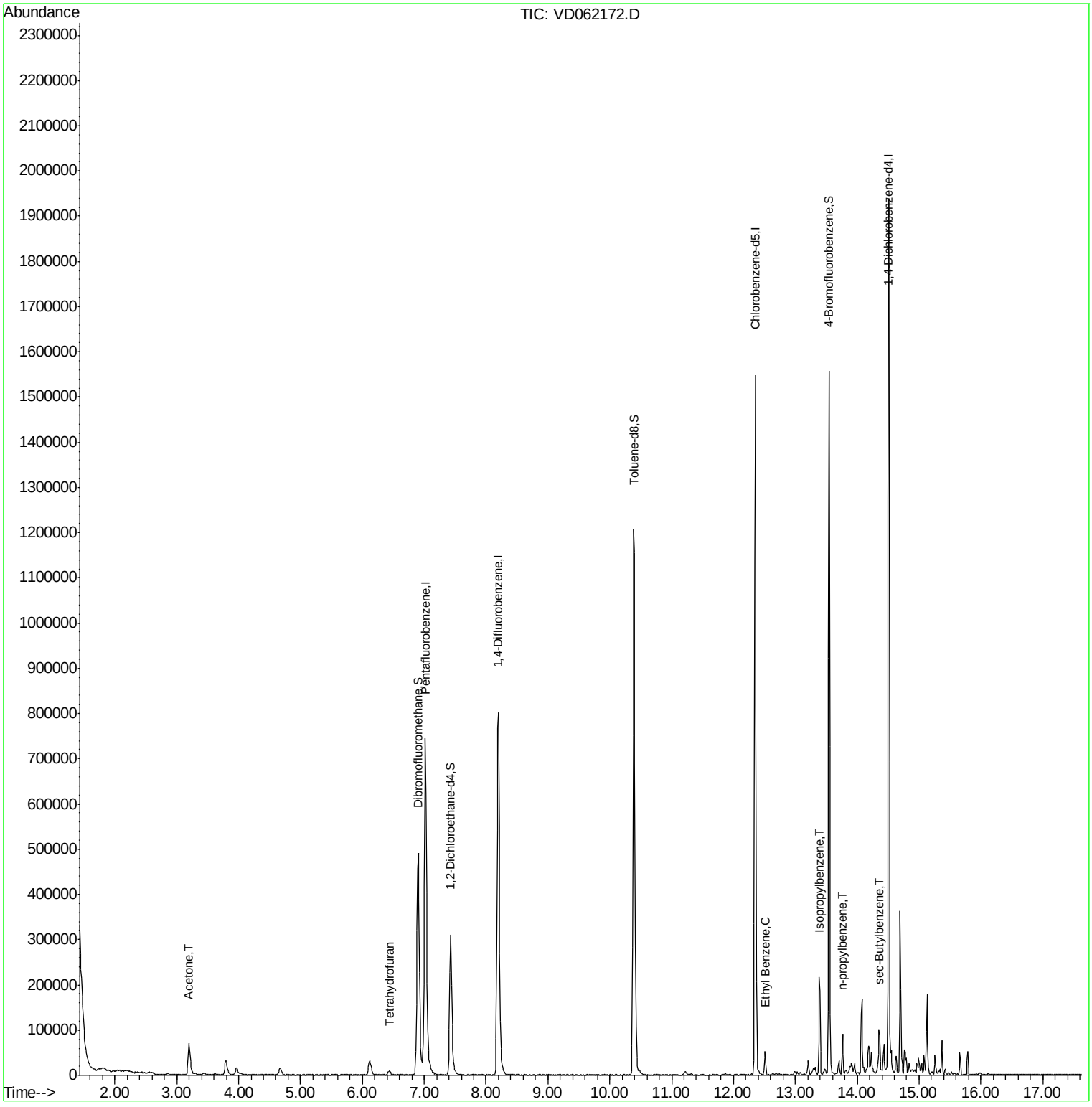
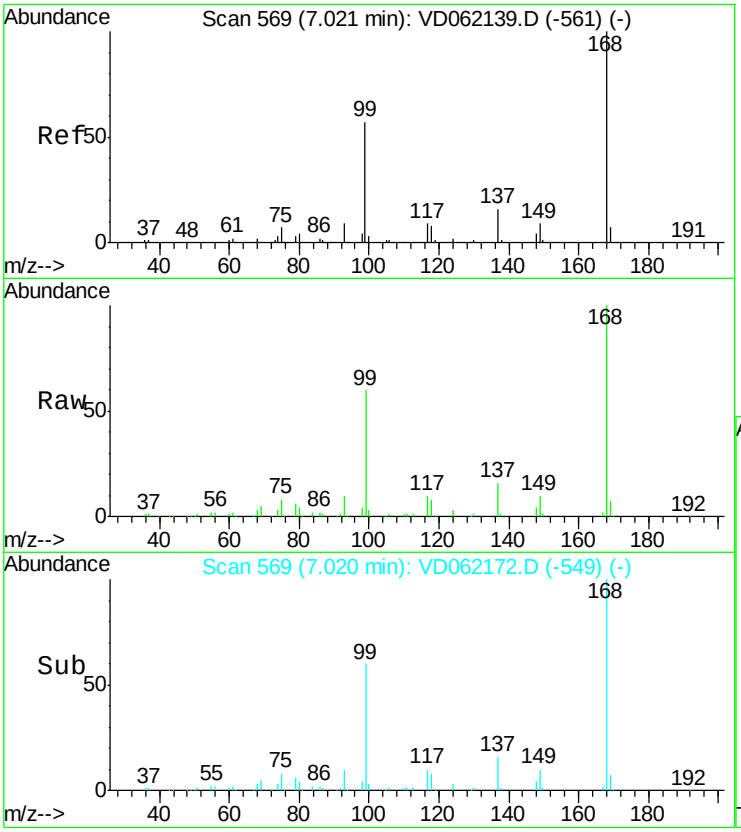


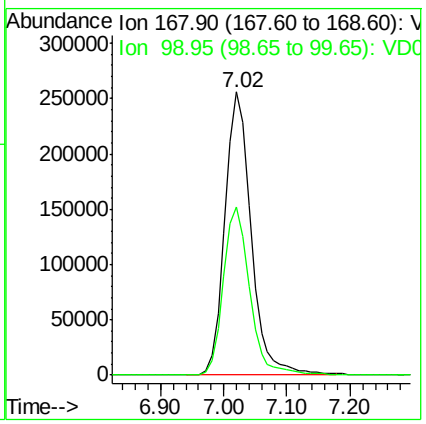


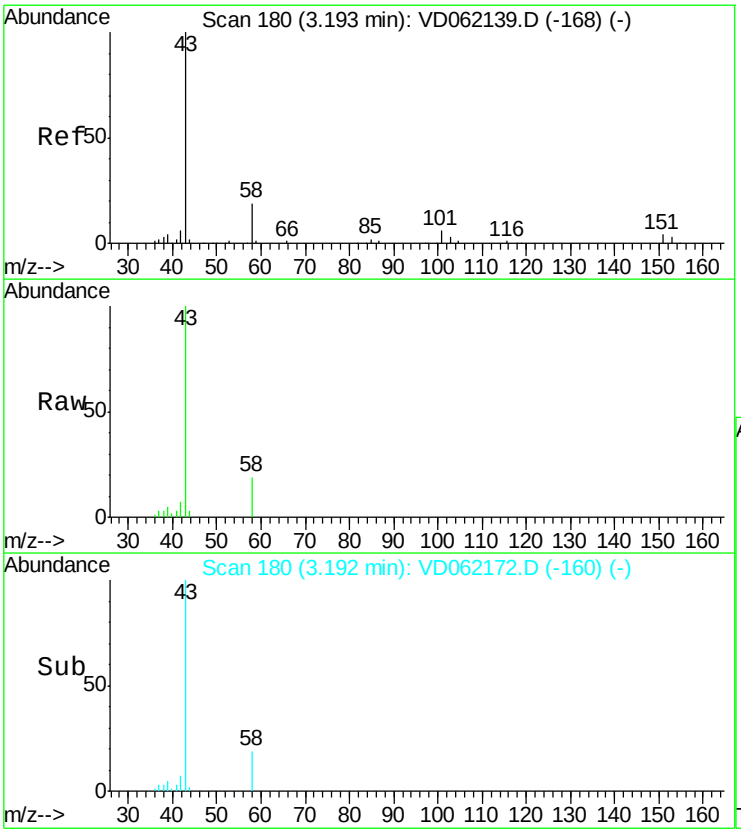
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 569
Delta R.T. -0.00 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Instrument :
MSVOA_D
ClientSampleId :
EP1-SB-W5-6(17-20)

Tgt Ion:168 Resp: 735726

Ion	Ratio	Lower	Upper
168	100		
99	59.6	46.5	69.7

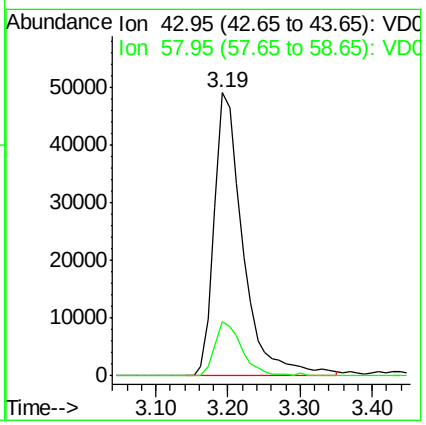


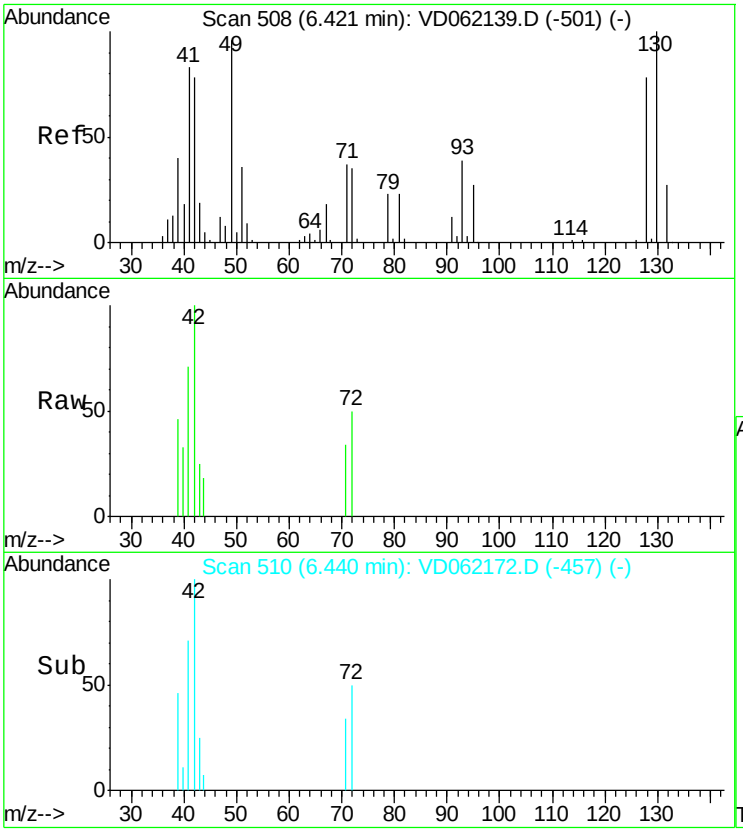


#16
Acetone
Concen: 94.471 ug/l
RT: 3.19 min Scan# 180
Delta R.T. -0.00 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Tgt Ion: 43 Resp: 135455

Ion	Ratio	Lower	Upper
43	100		
58	19.0	19.9	29.9#



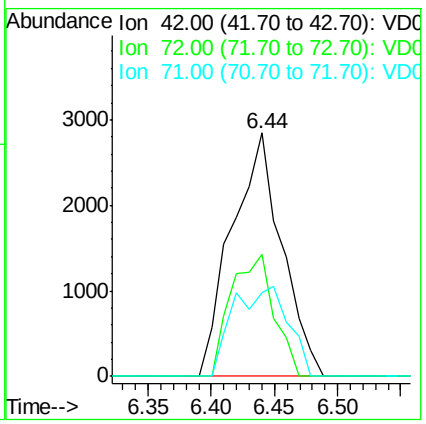


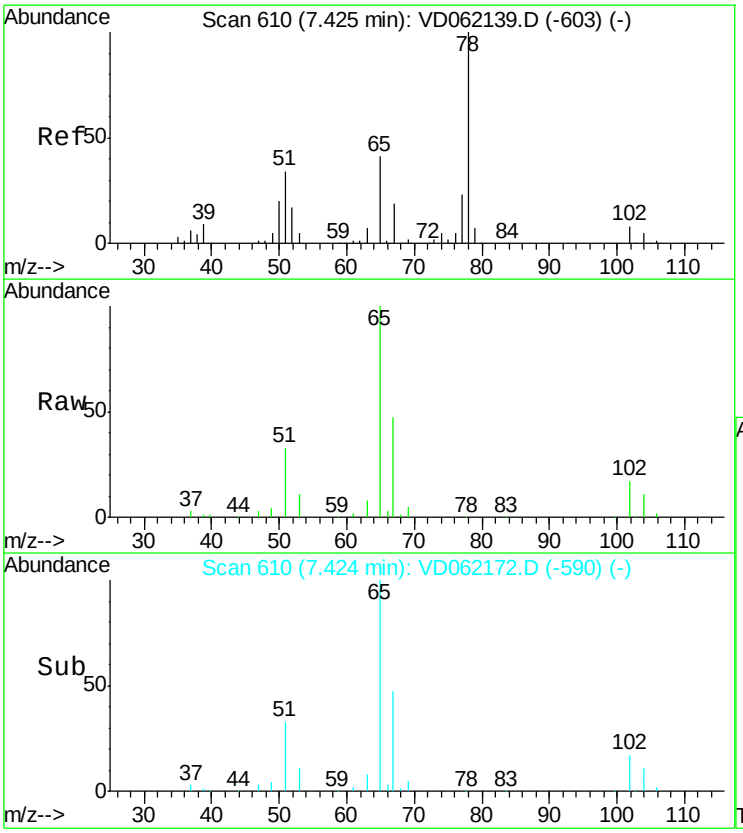
#29
Tetrahydrofuran
Concen: 10.856 ug/l
RT: 6.44 min Scan# 510
Delta R.T. 0.02 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Instrument :
MSVOA_D
ClientSampleId :
EP1-SB-W5-6(17-20)

Tgt Ion: 42 Resp: 7823

Ion	Ratio	Lower	Upper
42	100		
72	43.0	37.8	56.6
71	40.7	36.7	55.1

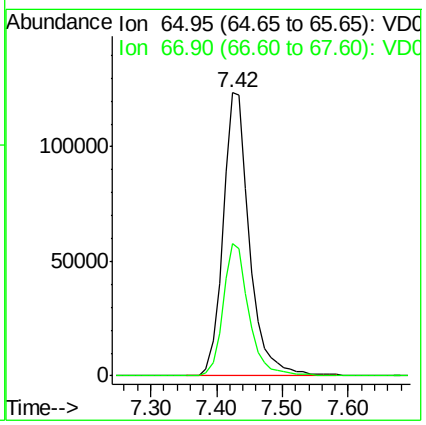


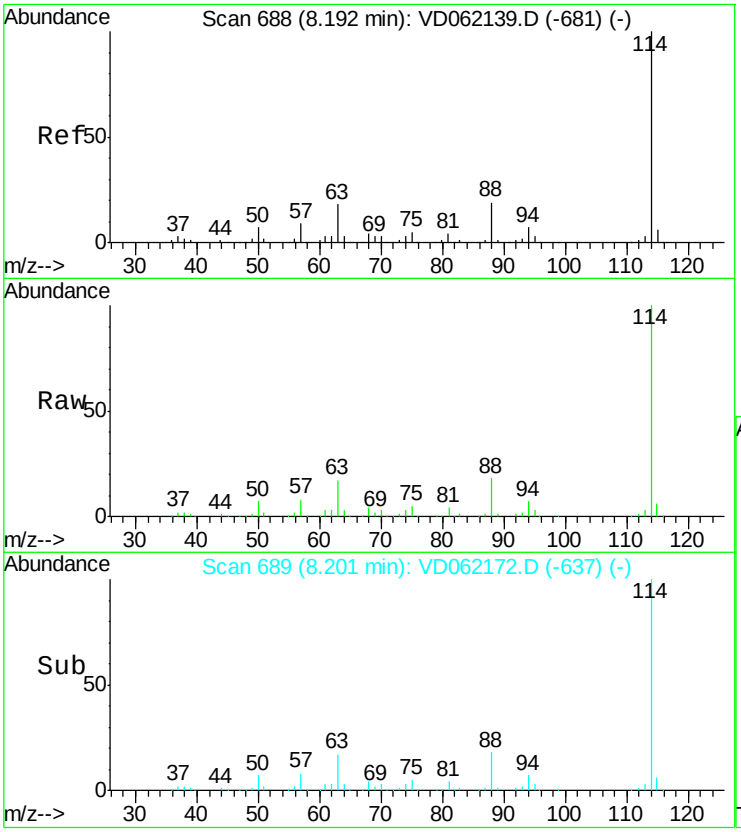


#33
1,2-Dichloroethane-d4
Concen: 50.374 ug/l
RT: 7.42 min Scan# 610
Delta R.T. -0.00 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Tgt Ion: 65 Resp: 344418

Ion	Ratio	Lower	Upper
65	100		
67	46.6	0.0	98.0



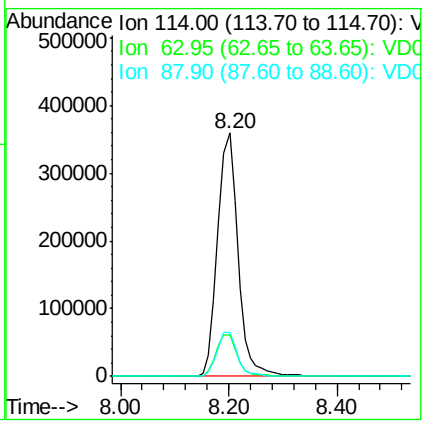


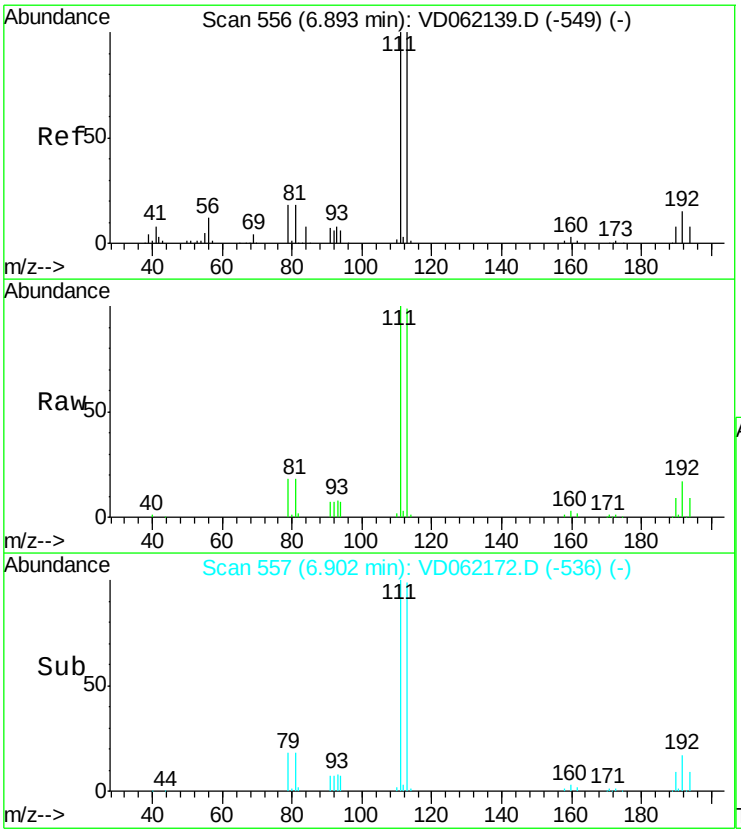
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 689
Delta R.T. 0.01 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Instrument :
MSVOA_D
ClientSampleId :
EP1-SB-W5-6(17-20)

Tgt Ion:114 Resp: 943600

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	32.4
88	17.9	0.0	33.6

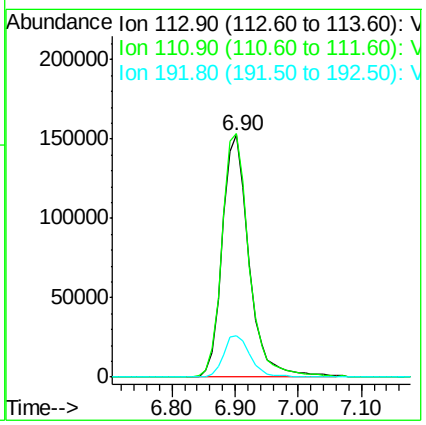


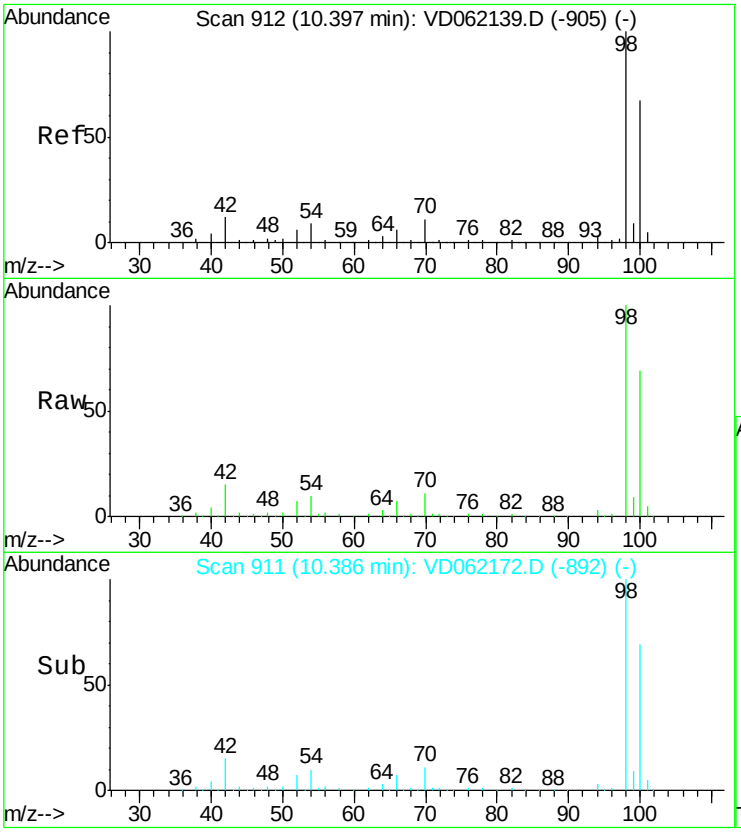


#35
Dibromofluoromethane
Concen: 57.080 ug/l
RT: 6.90 min Scan# 557
Delta R.T. 0.01 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Tgt Ion:113 Resp: 446886

Ion	Ratio	Lower	Upper
113	100		
111	100.6	78.5	117.7
192	17.3	13.0	19.4



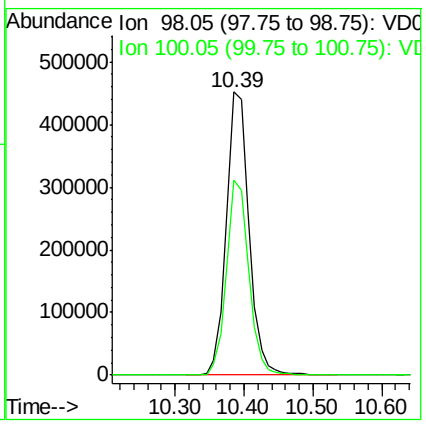


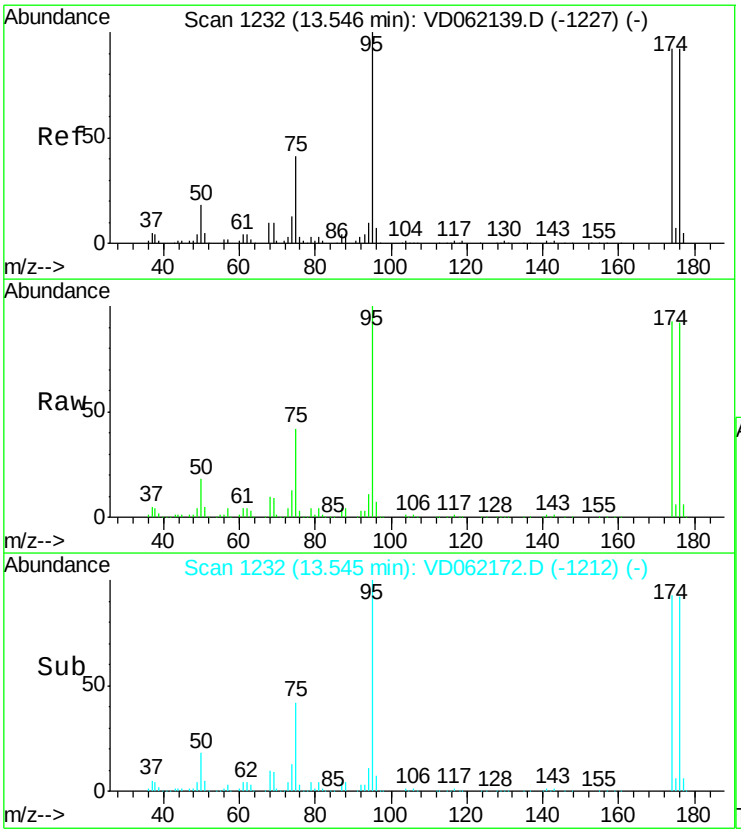
#50
Toluene-d8
Concen: 54.562 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Instrument :
MSVOA_D
ClientSampleId :
EP1-SB-W5-6(17-20)

Tgt Ion: 98 Resp: 1029949

Ion	Ratio	Lower	Upper
98	100		
100	68.8	53.8	80.8

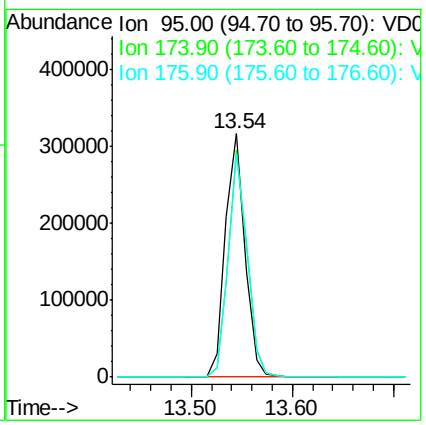


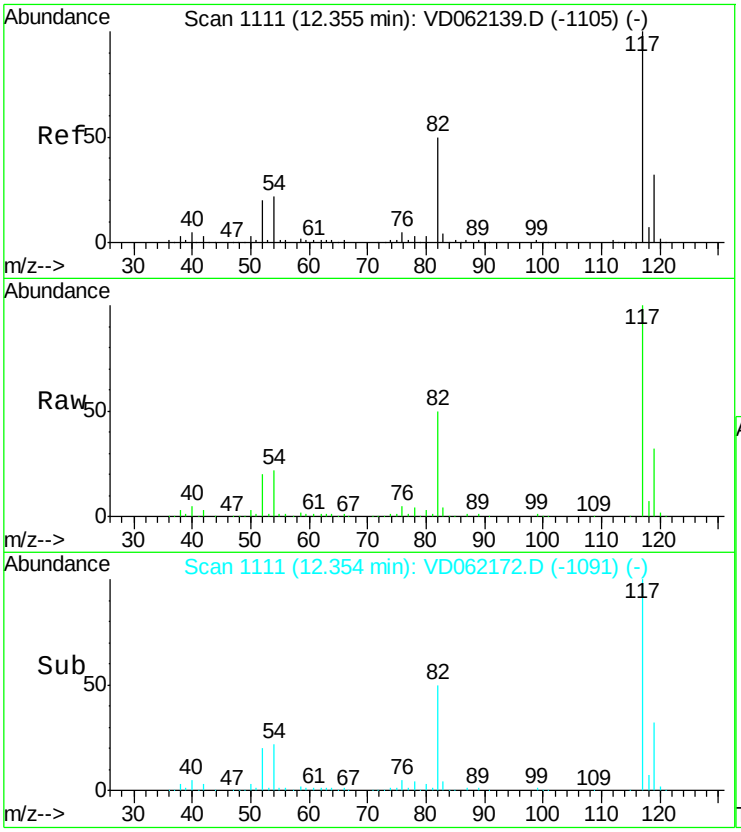


#62
4-Bromofluorobenzene
Concen: 56.383 ug/l
RT: 13.54 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Tgt Ion: 95 Resp: 427395

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	181.8
176	91.9	0.0	174.4



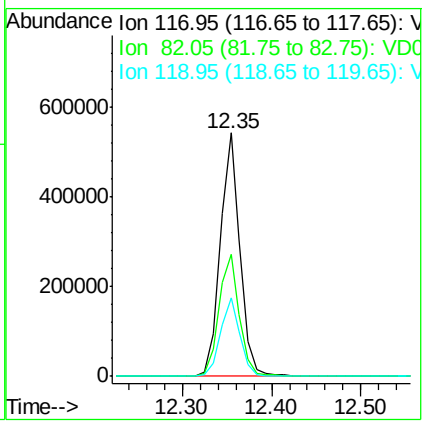


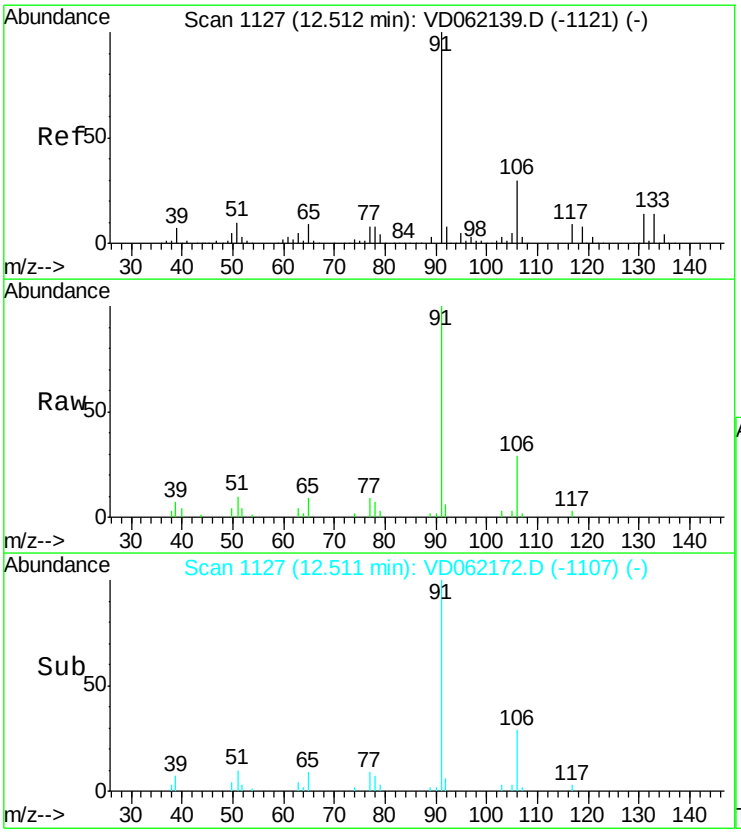
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Instrument :
MSVOA_D
ClientSampleId :
EP1-SB-W5-6(17-20)

Tgt Ion:117 Resp: 842194

Ion	Ratio	Lower	Upper
117	100		
82	50.4	36.2	54.2
119	32.3	26.2	39.4

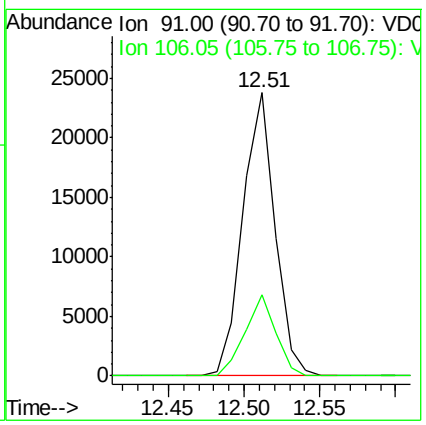


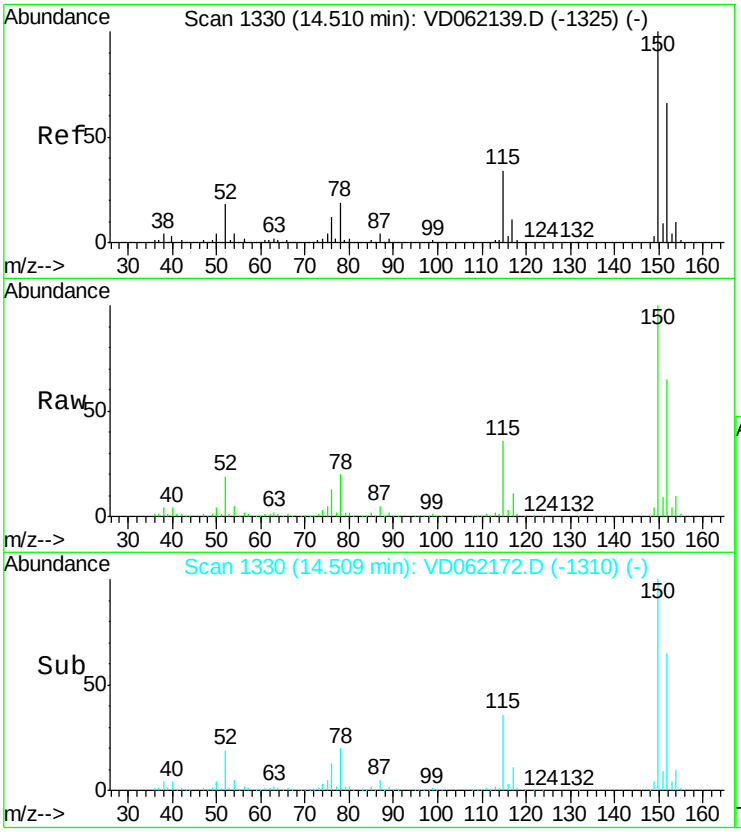


#67
Ethyl Benzene
Concen: 1.340 ug/l
RT: 12.51 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Tgt Ion: 91 Resp: 35199

Ion	Ratio	Lower	Upper
91	100		
106	28.8	24.7	37.1



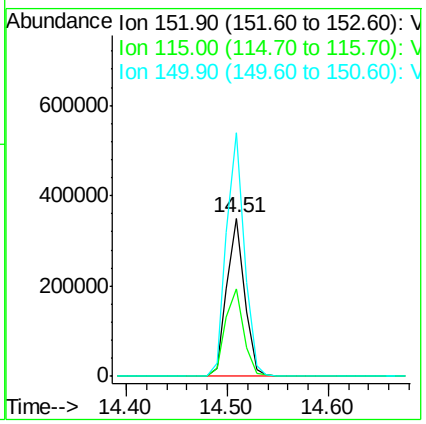


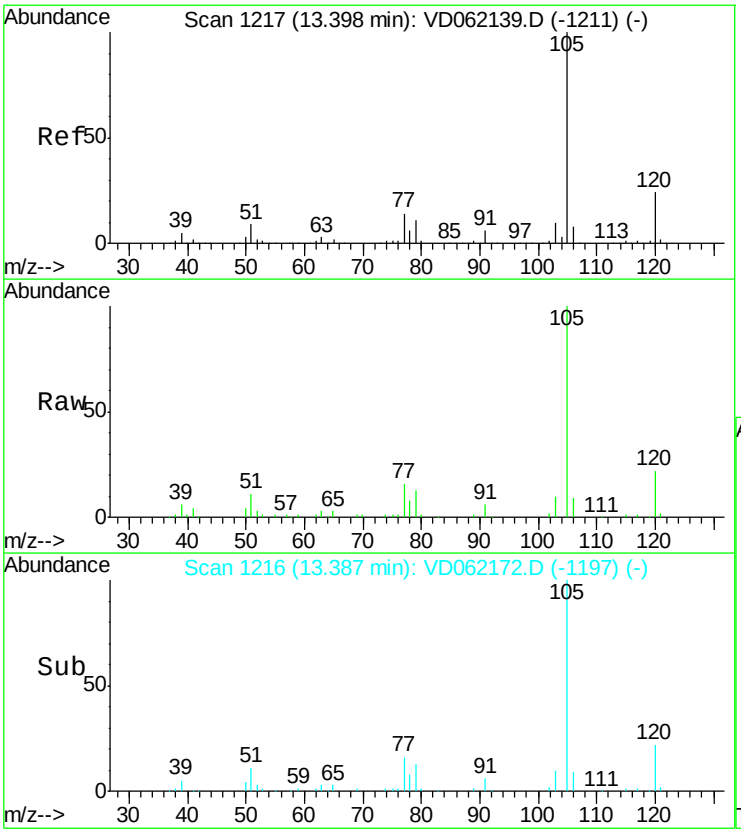
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Instrument :
MSVOA_D
ClientSampleId :
EP1-SB-W5-6(17-20)

Tgt Ion:152 Resp: 430686

Ion	Ratio	Lower	Upper
152	100		
115	55.4	30.9	92.7
150	154.0	0.0	314.8

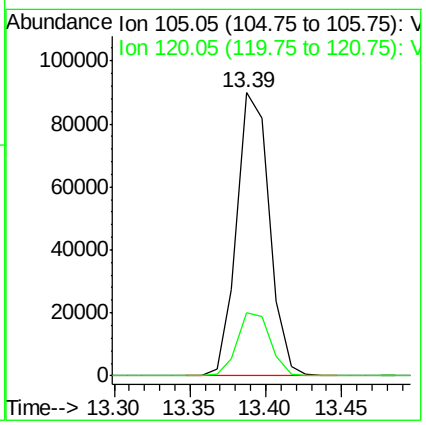


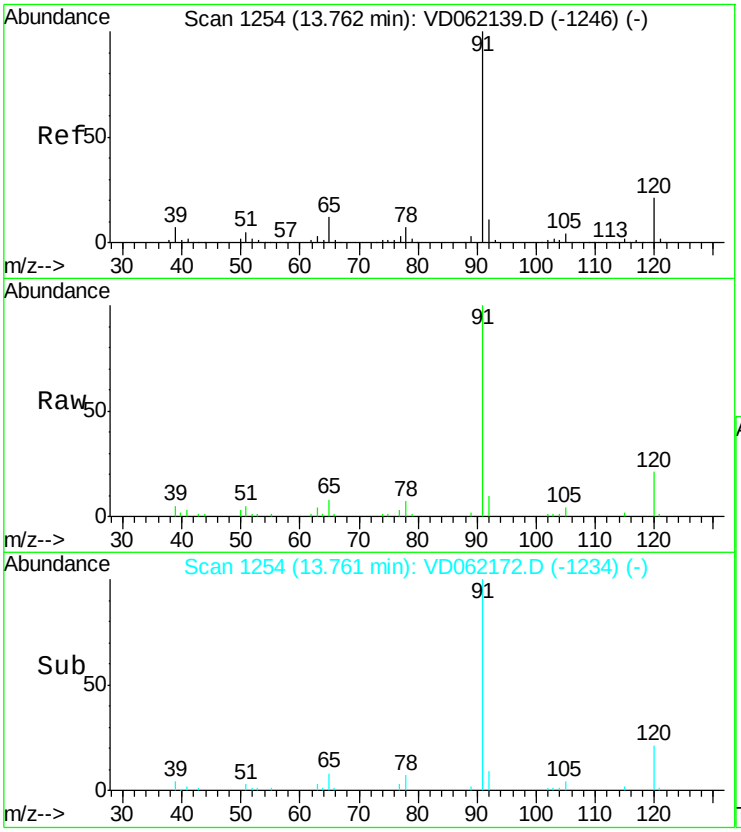


#73
Isopropylbenzene
Concen: 5.236 ug/l
RT: 13.39 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Tgt Ion:105 Resp: 135174

Ion	Ratio	Lower	Upper
105	100		
120	22.3	12.0	36.1



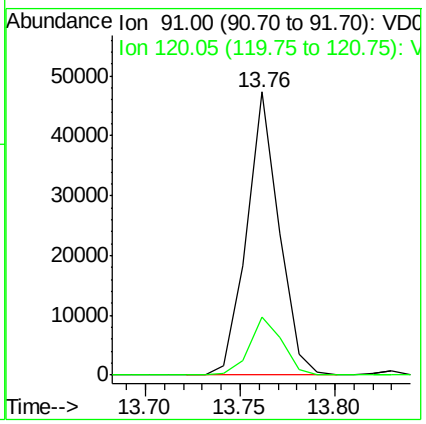


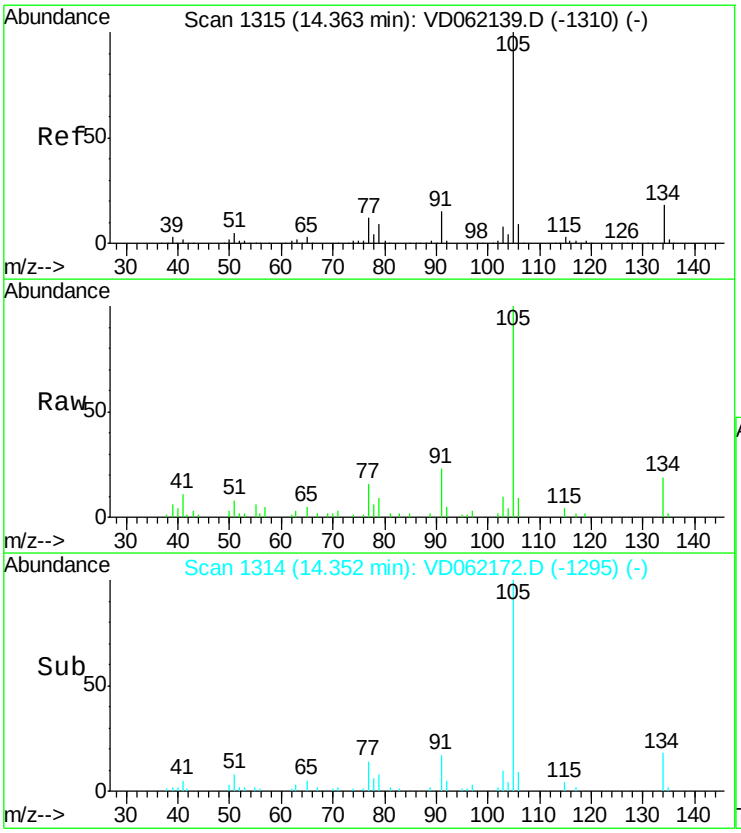
#78
n-propylbenzene
Concen: 1.820 ug/l
RT: 13.76 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Instrument :
MSVOA_D
ClientSampleId :
EP1-SB-W5-6(17-20)

Tgt Ion: 91 Resp: 56051

Ion	Ratio	Lower	Upper
91	100		
120	20.6	11.1	33.1





#85
sec-Butylbenzene
Concen: 1.785 ug/l
RT: 14.35 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Tgt Ion:105 Resp: 47835

Ion	Ratio	Lower	Upper
105	100		
134	19.4	8.9	26.7