Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062519\
Data File : VD062874.D
Acq On : 25 Jun 2019 12:58
Operator : VA/AP
Sample : K3164-09
Misc : 4.51g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BAT-B08

Quant Time: Jun 26 06:03:51 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	7.05	168	690352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1077012	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	895050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	396741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	444322	59.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.42%			
35) Dibromofluoromethane	6.93	113	476296	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.90%			
50) Toluene-d8	10.41	98	964186	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.56%			
62) 4-Bromofluorobenzene	13.56	95	387424	43.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.22%			
Target Compounds						Qvalue
16) Acetone	3.23	43	124913	77.251	ug/l	99
18) Methyl Acetate	3.64	43	16112	7.113	ug/l #	90
44) Trichloroethene	8.55	130	17541	2.186	ug/l	61
67) Ethyl Benzene	12.53	91	56490	1.894	ug/l	96
68) m/p-Xylenes	12.67	106	81926	7.887	ug/l	91
69) o-Xylene	13.05	106	33538	3.532	ug/l	98

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

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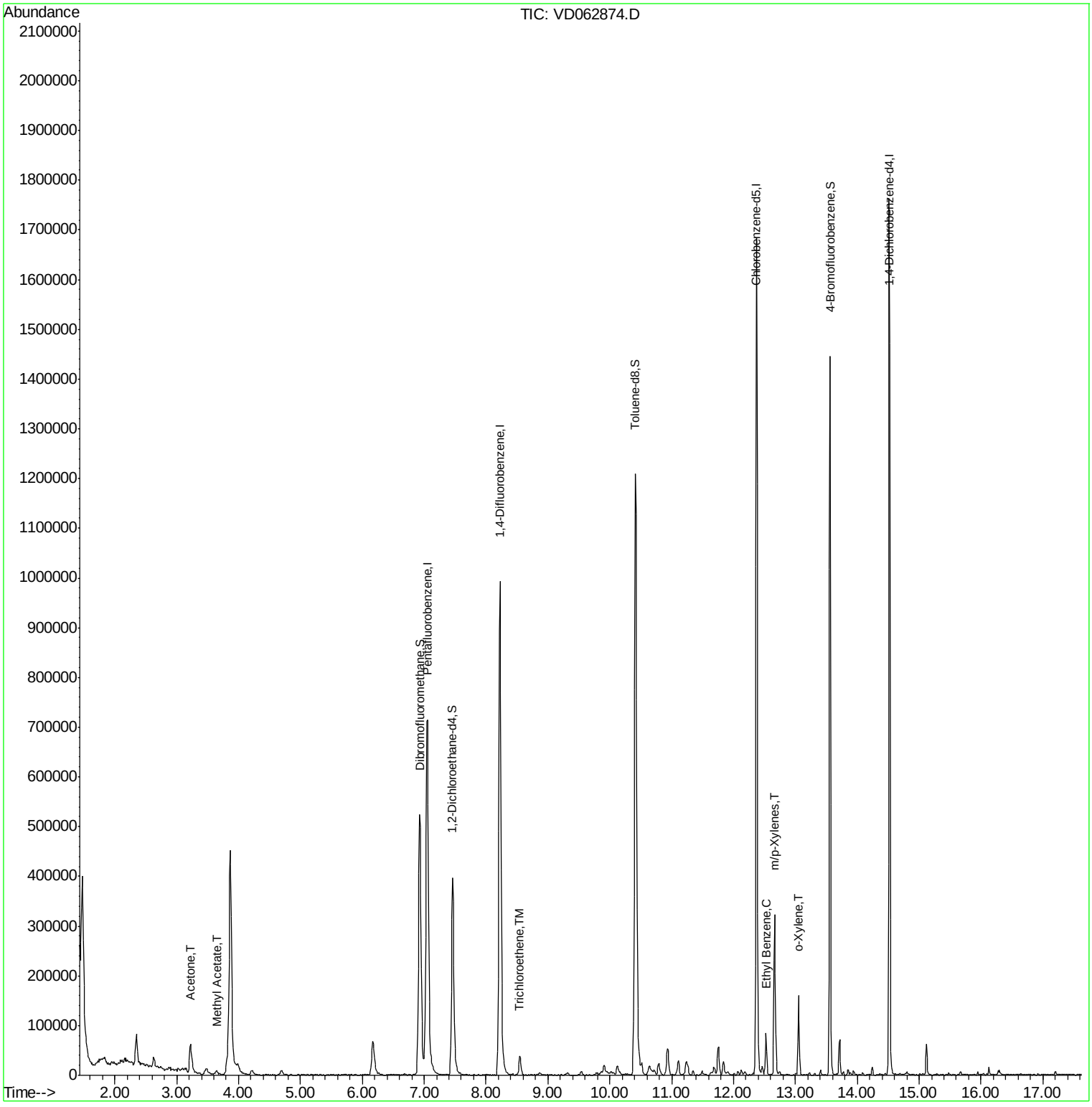
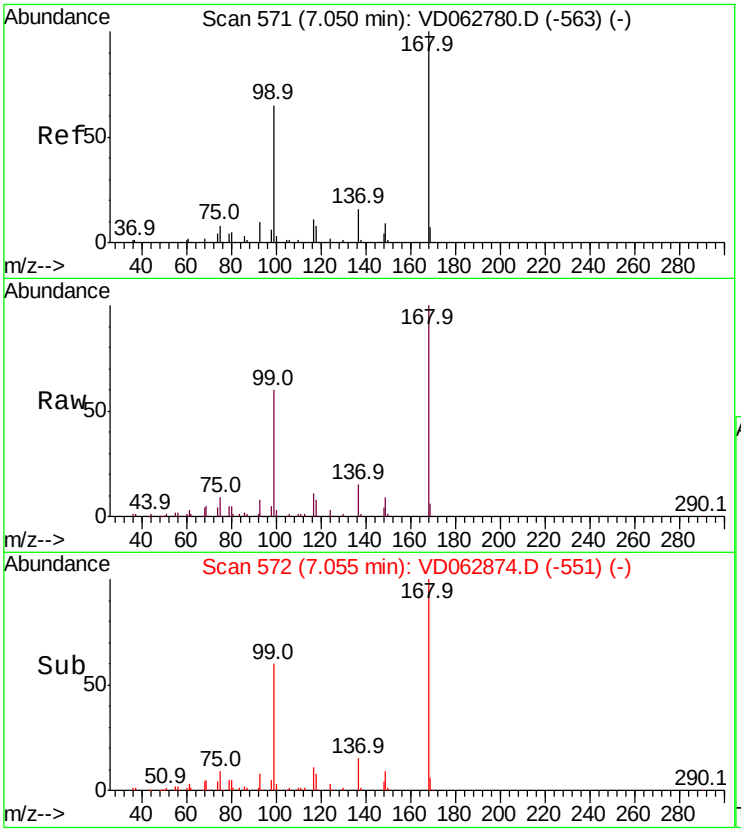


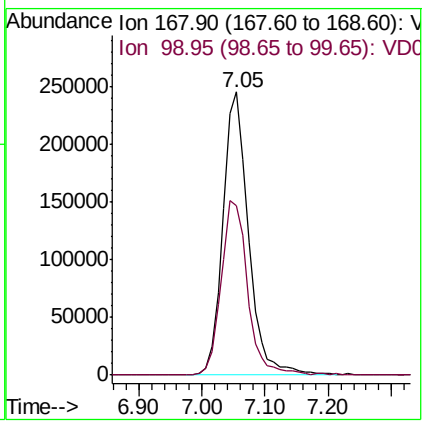


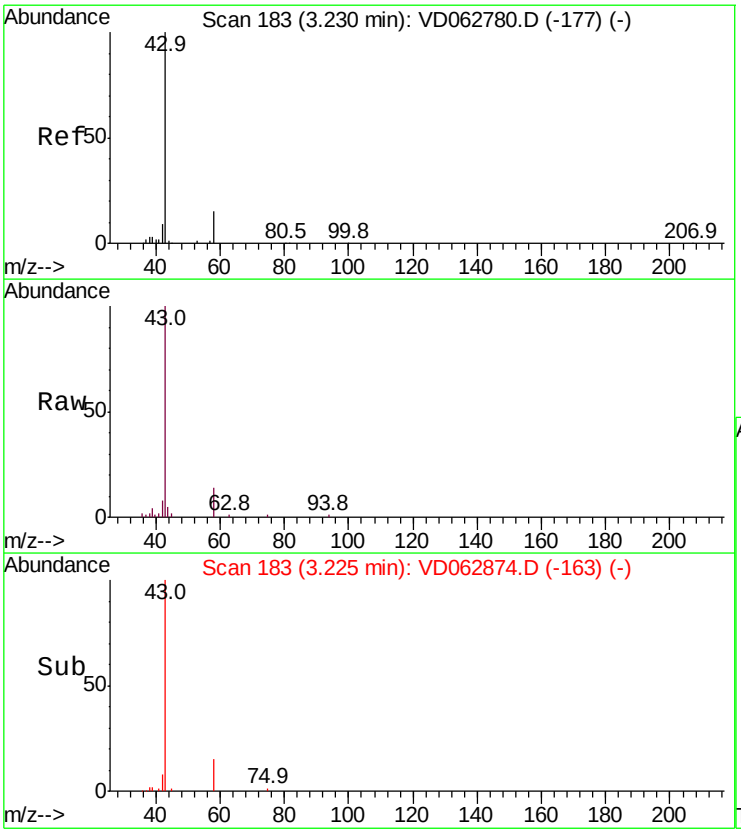
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.01 min
Lab File: VD062874.D
Acq: 25 Jun 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
BAT-B08

Tgt Ion:168 Resp: 690352

Ion	Ratio	Lower	Upper
168	100		
99	59.9	53.0	79.6

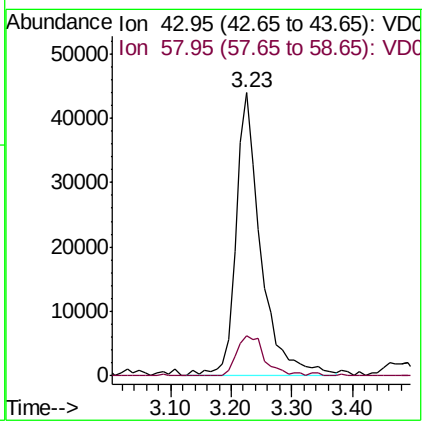


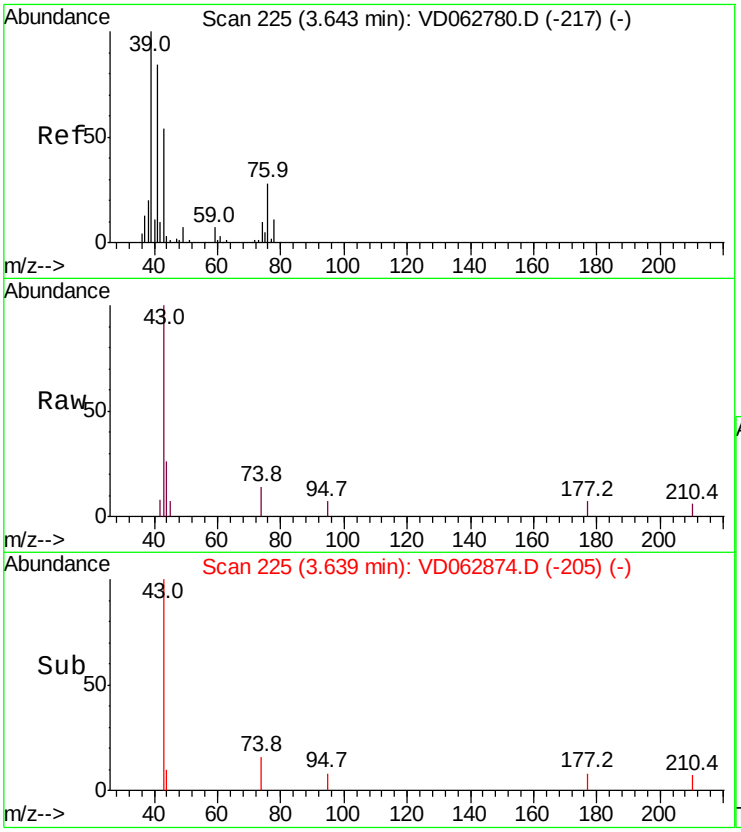


#16
Acetone
Concen: 77.251 ug/l
RT: 3.23 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD062874.D
Acq: 25 Jun 2019 12:58

Tgt Ion: 43 Resp: 124913

Ion	Ratio	Lower	Upper
43	100		
58	14.3	11.9	17.9



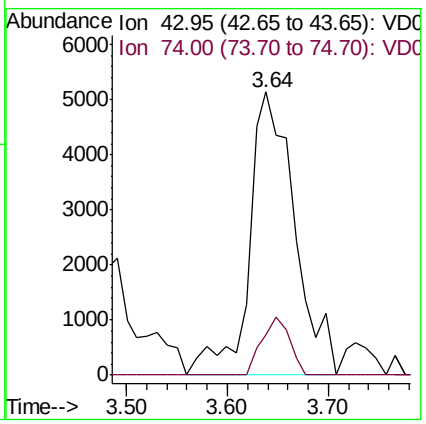


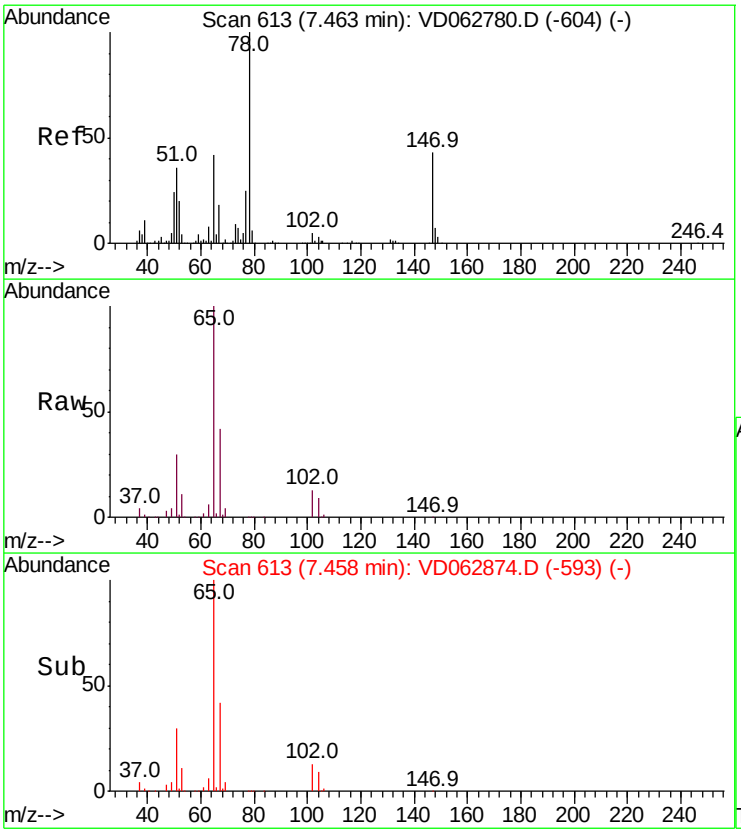
#18
Methyl Acetate
Concen: 7.113 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.00 min
Lab File: VD062874.D
Acq: 25 Jun 2019 12:58

Instrument : MSVOA_D
ClientSampleId : BAT-B08

Tgt Ion: 43 Resp: 16112

Ion	Ratio	Lower	Upper
43	100		
74	14.3	15.2	22.8#

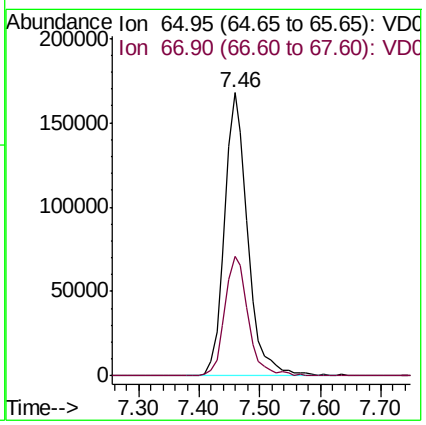


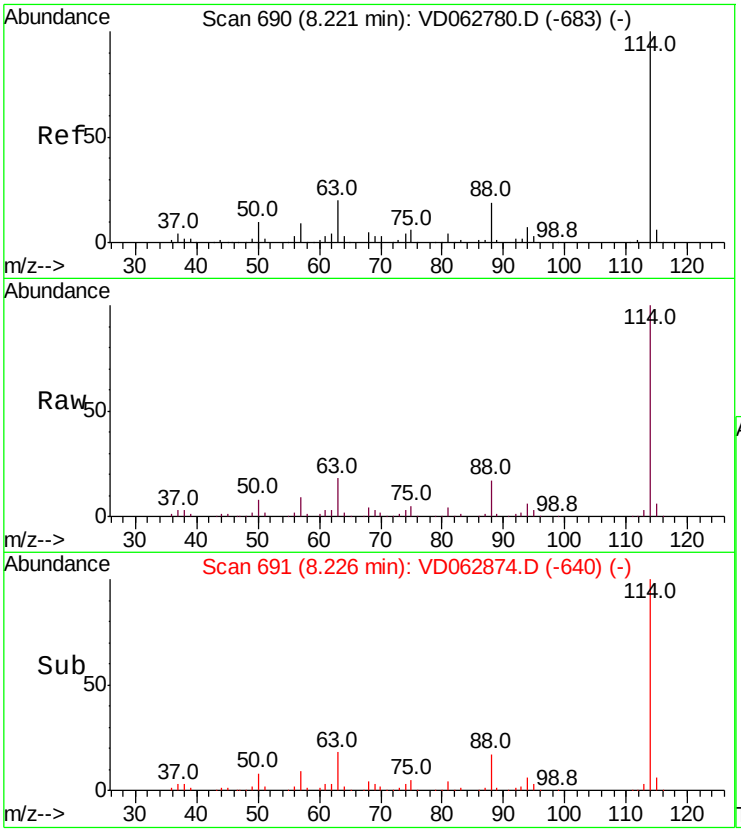


#33
1,2-Dichloroethane-d4
Concen: 59.211 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.00 min
Lab File: VD062874.D
Acq: 25 Jun 2019 12:58

Tgt Ion: 65 Resp: 444322

Ion	Ratio	Lower	Upper
65	100		
67	42.4	0.0	87.4



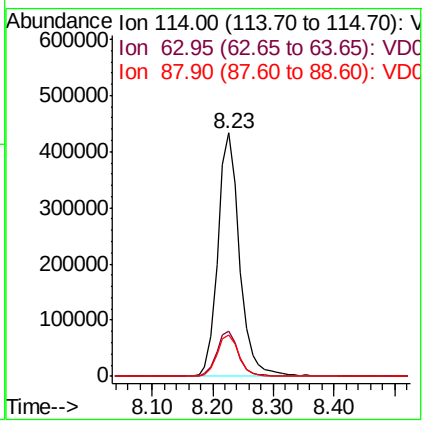


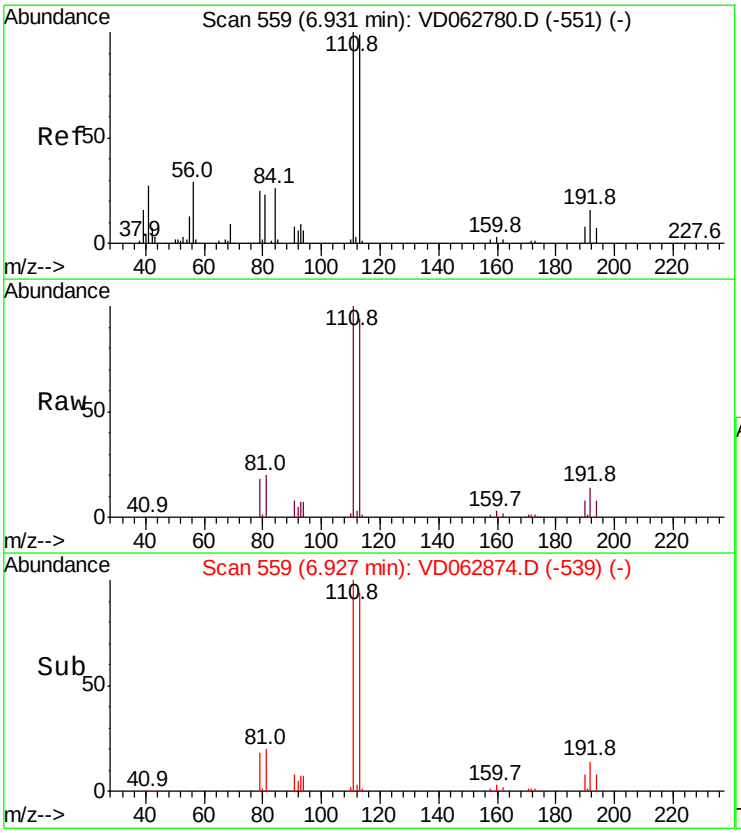
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.01 min
Lab File: VD062874.D
Acq: 25 Jun 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
BAT-B08

Tgt Ion:114 Resp: 1077012

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	40.0
88	17.2	0.0	38.8

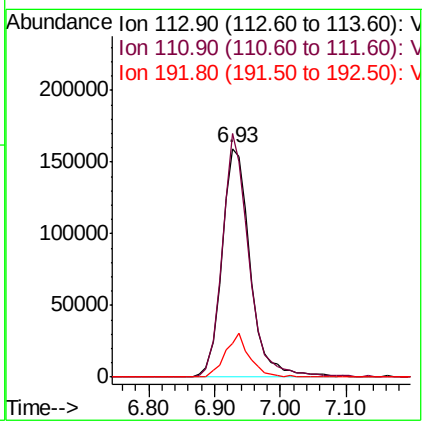


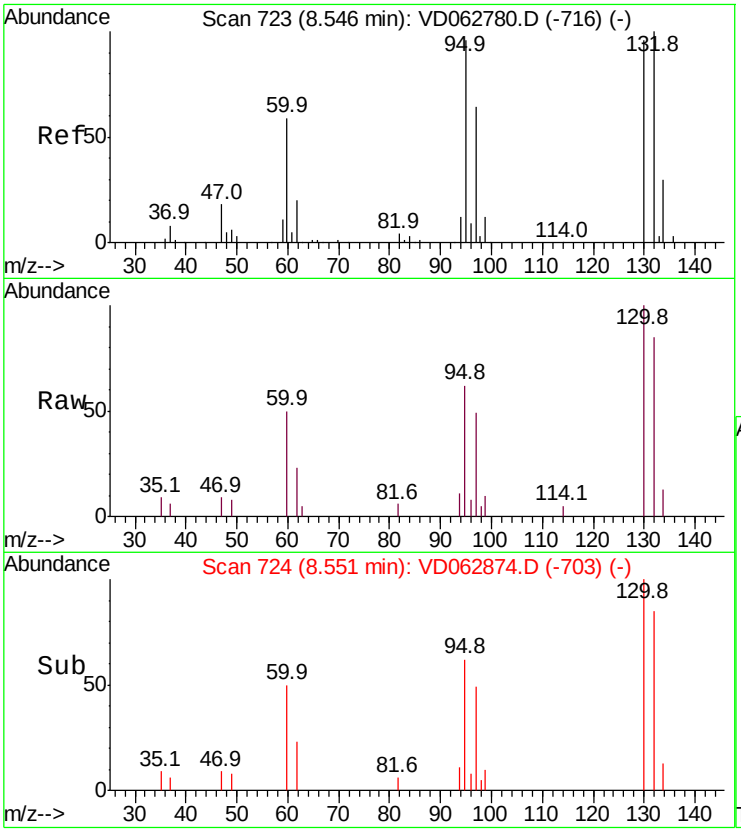


#35
Dibromofluoromethane
Concen: 52.448 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.00 min
Lab File: VD062874.D
Acq: 25 Jun 2019 12:58

Tgt Ion:113 Resp: 476296

Ion	Ratio	Lower	Upper
113	100		
111	106.6	81.2	121.8
192	14.5	12.9	19.3



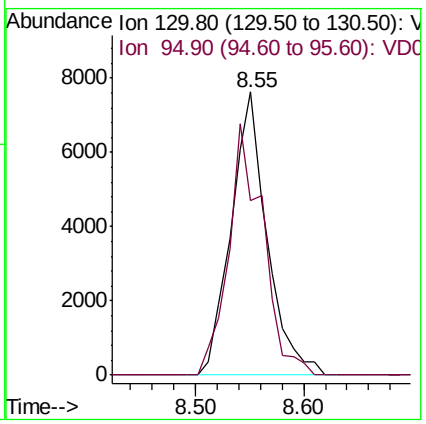


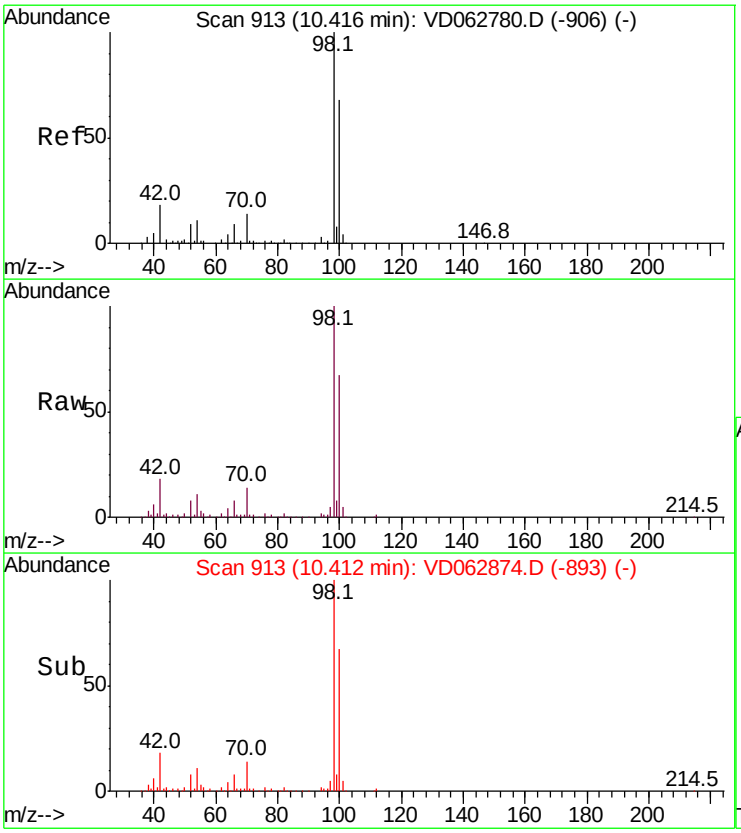
#44
Trichloroethene
Concen: 2.186 ug/l
RT: 8.55 min Scan# 724
Delta R.T. 0.01 min
Lab File: VD062874.D
Acq: 25 Jun 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
BAT-B08

Tgt Ion:130 Resp: 17541

Ion	Ratio	Lower	Upper
130	100		
95	61.9	0.0	201.6

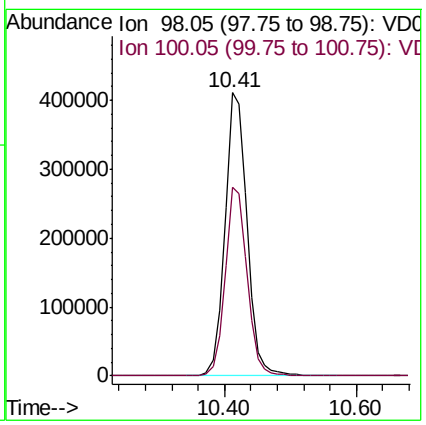


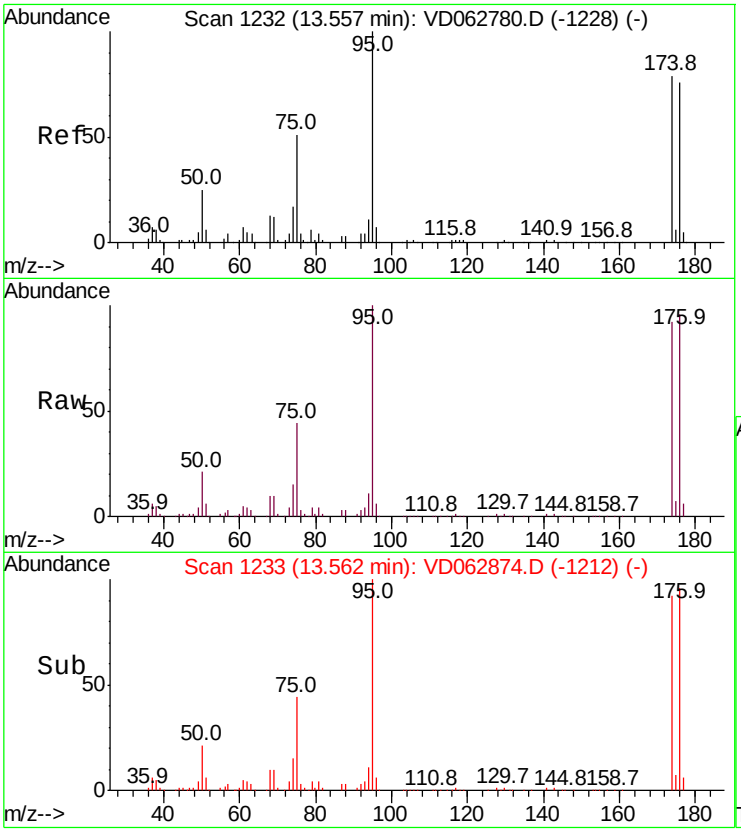


#50
Toluene-d8
Concen: 48.782 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062874.D
Acq: 25 Jun 2019 12:58

Tgt Ion: 98 Resp: 964186

Ion	Ratio	Lower	Upper
98	100		
100	66.6	54.7	82.1



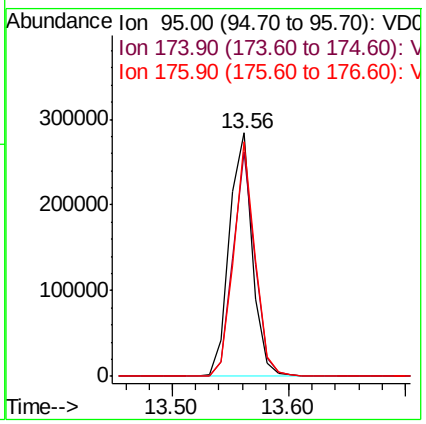


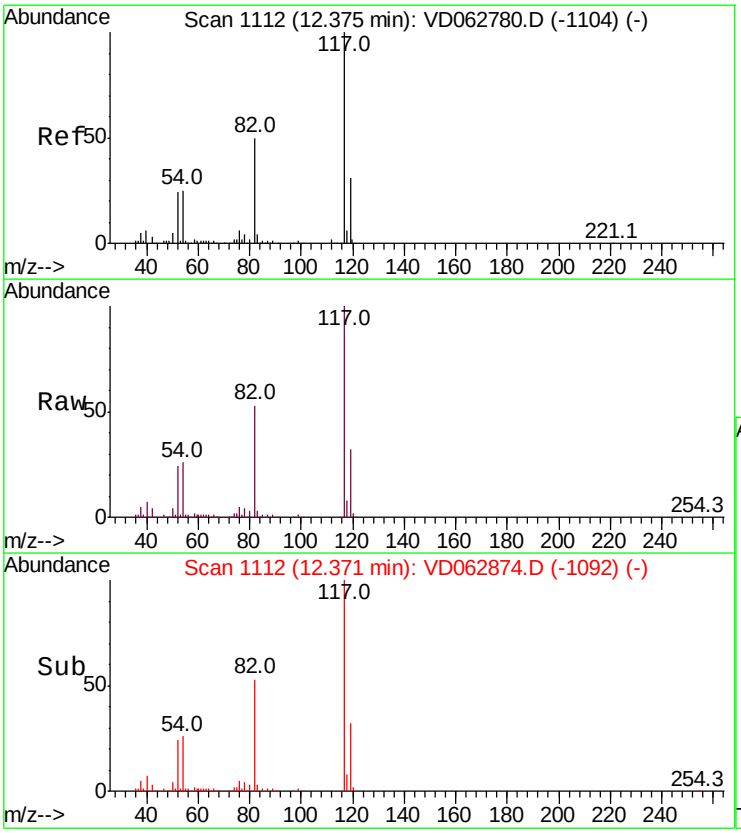
#62
4-Bromofluorobenzene
Concen: 43.108 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062874.D
Acq: 25 Jun 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
BAT-B08

Tgt Ion: 95 Resp: 387424

Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	158.0
176	96.3	0.0	151.6

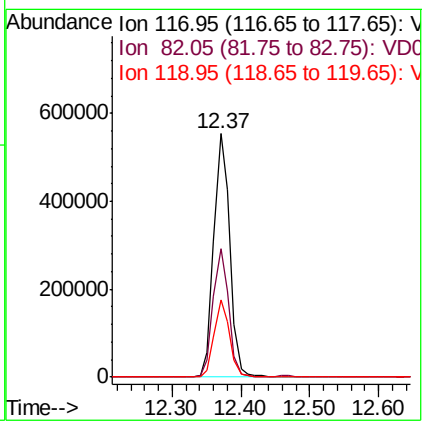


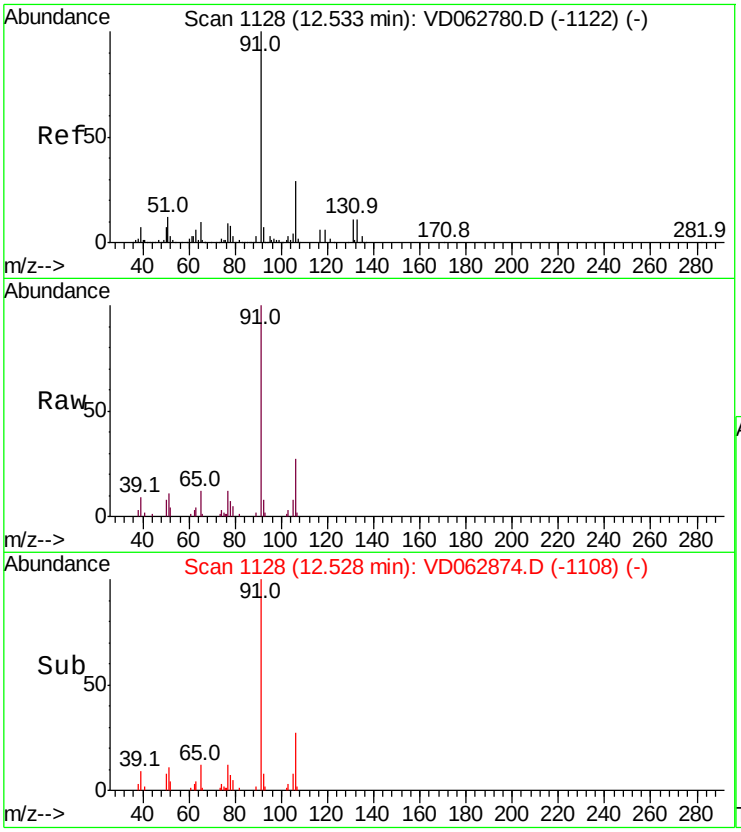


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062874.D
Acq: 25 Jun 2019 12:58

Tgt Ion:117 Resp: 895050

Ion	Ratio	Lower	Upper
117	100		
82	52.9	40.4	60.6
119	31.7	25.2	37.8



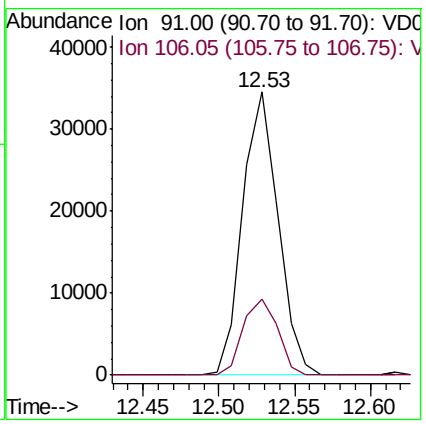


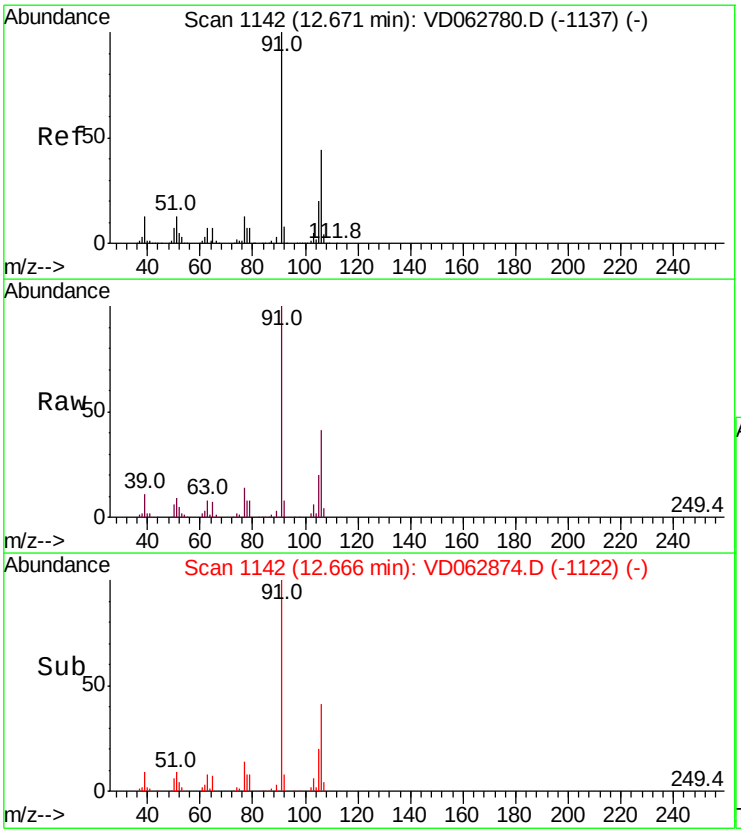
#67
Ethyl Benzene
Concen: 1.894 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VD062874.D
Acq: 25 Jun 2019 12:58

Instrument : MSVOA_D
ClientSampleId : BAT-B08

Tgt Ion: 91 Resp: 56490

Ion	Ratio	Lower	Upper
91	100		
106	26.8	23.1	34.7

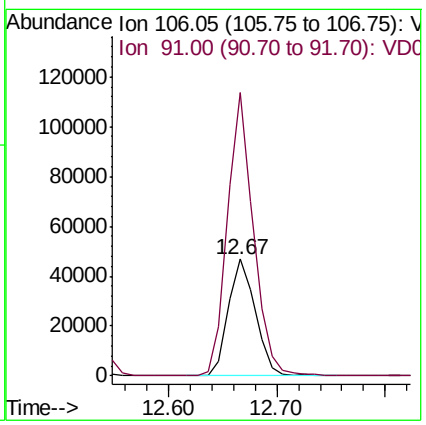


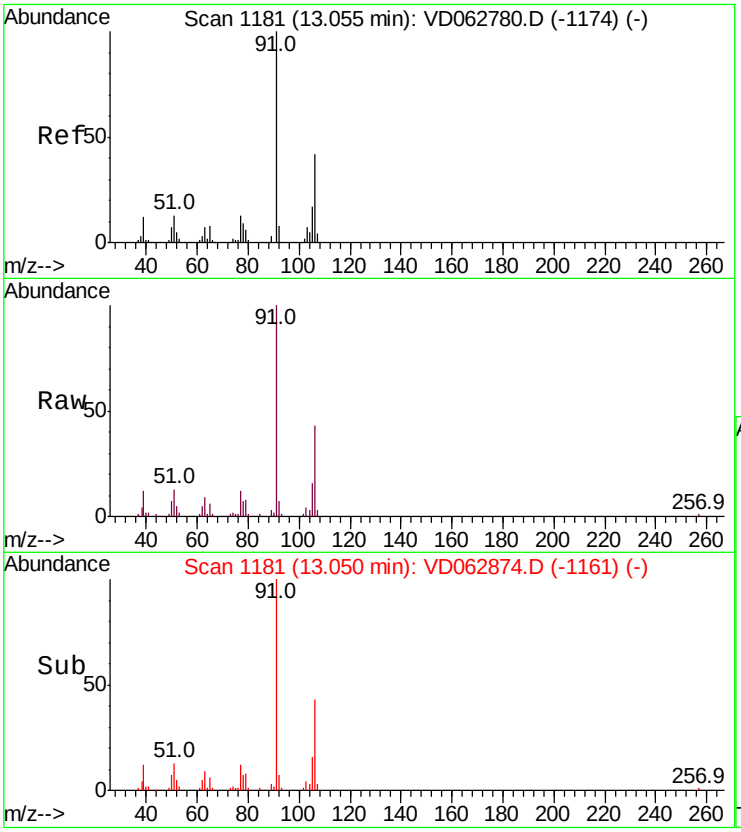


#68
m/p-Xylenes
Concen: 7.887 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD062874.D
Acq: 25 Jun 2019 12:58

Tgt Ion:106 Resp: 81926

Ion	Ratio	Lower	Upper
106	100		
91	243.0	183.0	274.6



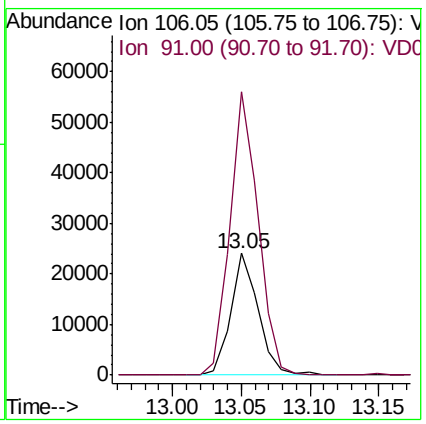


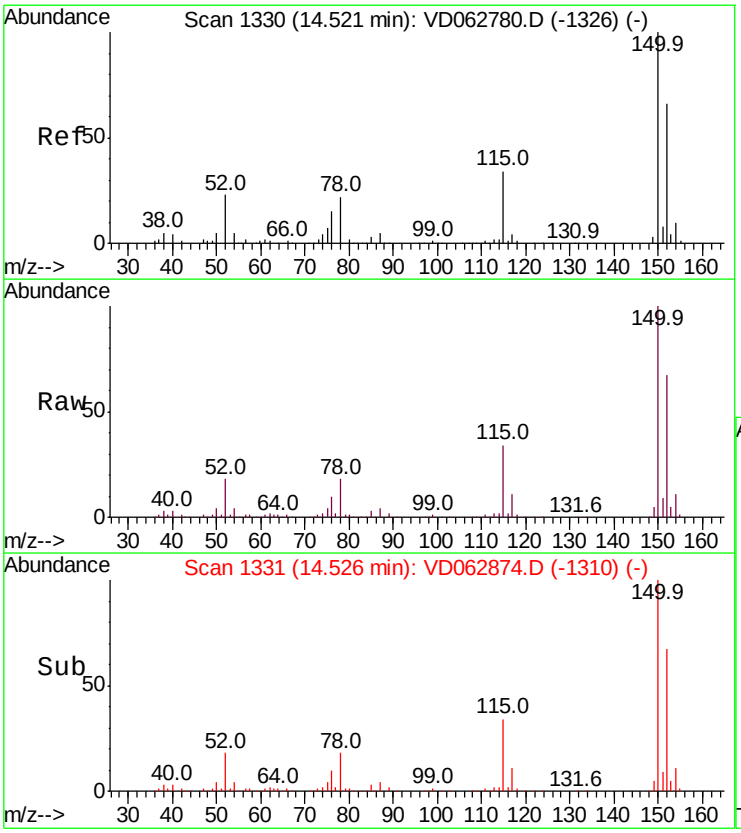
#69
o-Xylene
Concen: 3.532 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD062874.D
Acq: 25 Jun 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
BAT-B08

Tgt Ion:106 Resp: 33538

Ion	Ratio	Lower	Upper
106	100		
91	232.4	117.9	353.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062874.D
Acq: 25 Jun 2019 12:58

Tgt Ion:152 Resp: 396741

Ion	Ratio	Lower	Upper
152	100		
115	50.4	29.2	87.6
150	150.0	0.0	305.8