Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060319\
Data File : VD062589.D
Acq On : 3 Jun 2019 16:51
Operator : VA/AP
Sample : K3165-01RE
Misc : 5.10g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : COMP-1RE

Quant Time: Jun 04 07:05:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	389390	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	635367	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	548251	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	240884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	265437	58.14	ug/l	-0.02
Spiked Amount 50.000			Recovery = 116.28%			
35) Dibromofluoromethane	6.92	113	258421	44.63	ug/l	-0.02
Spiked Amount 50.000			Recovery = 89.26%			
50) Toluene-d8	10.41	98	477141	37.61	ug/l	-0.02
Spiked Amount 50.000			Recovery = 75.22%			
62) 4-Bromofluorobenzene	13.56	95	214636	37.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.04%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.07	59	45197	232.090	ug/l #	81
16) Acetone	3.22	43	137585	153.371	ug/l	97
25) 2-Butanone	6.08	43	18293	21.652	ug/l	95
40) Benzene	7.45	78	32114	2.587	ug/l	95
52) Toluene	10.51	92	41608	4.914	ug/l	95
68) m/p-Xylenes	12.66	106	25968	3.836	ug/l	91
69) o-Xylene	13.05	106	9300	1.440	ug/l	87
95) Naphthalene	16.13	128	12505	1.809	ug/l	97

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

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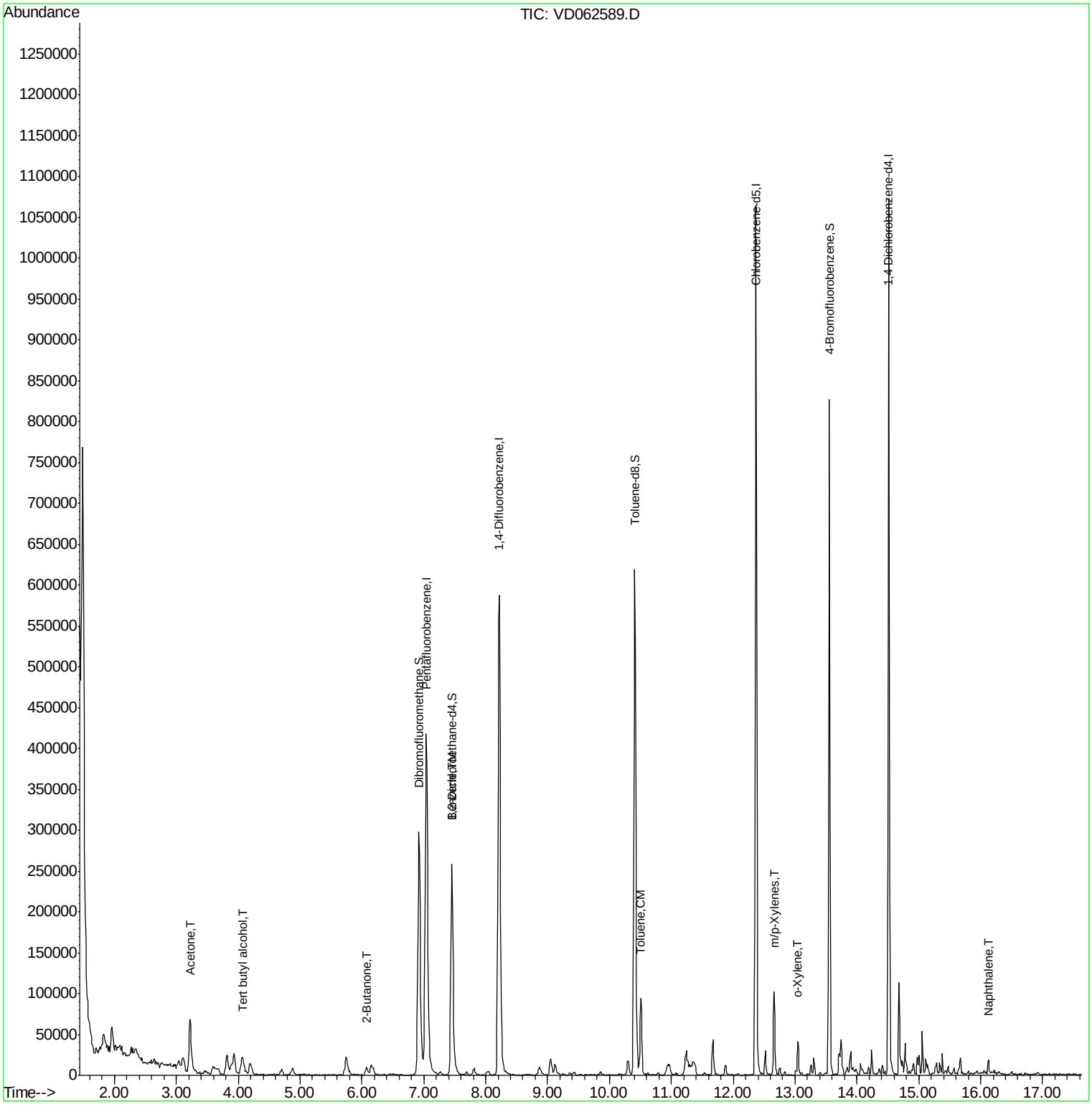
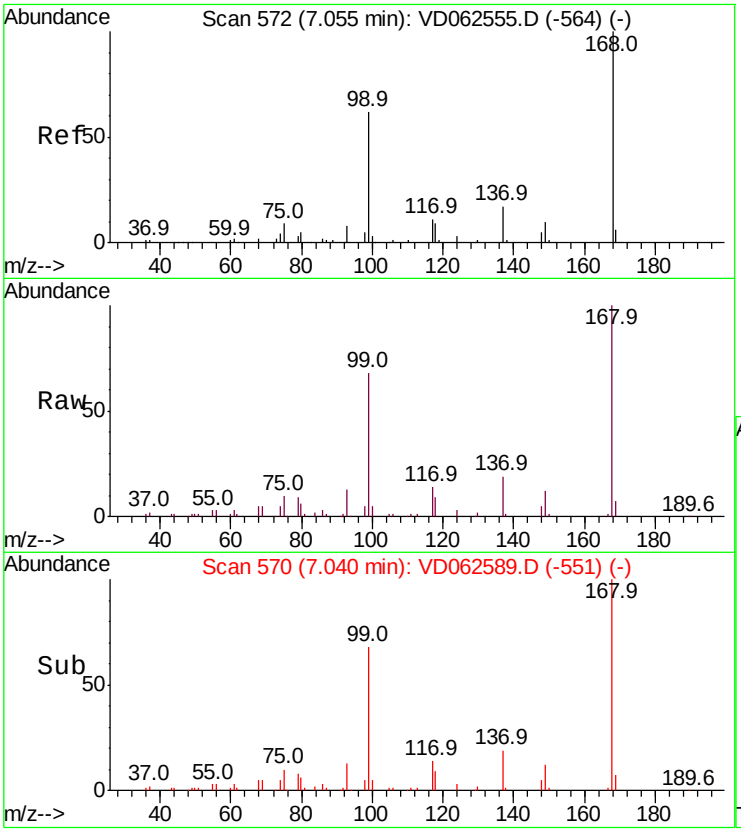


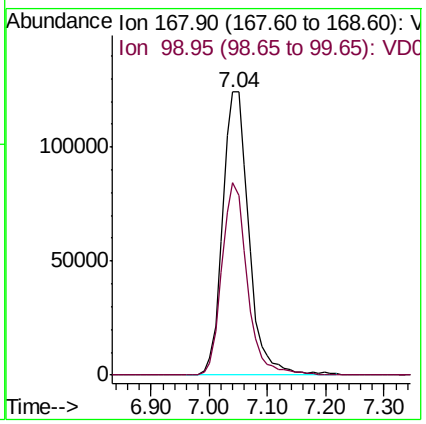


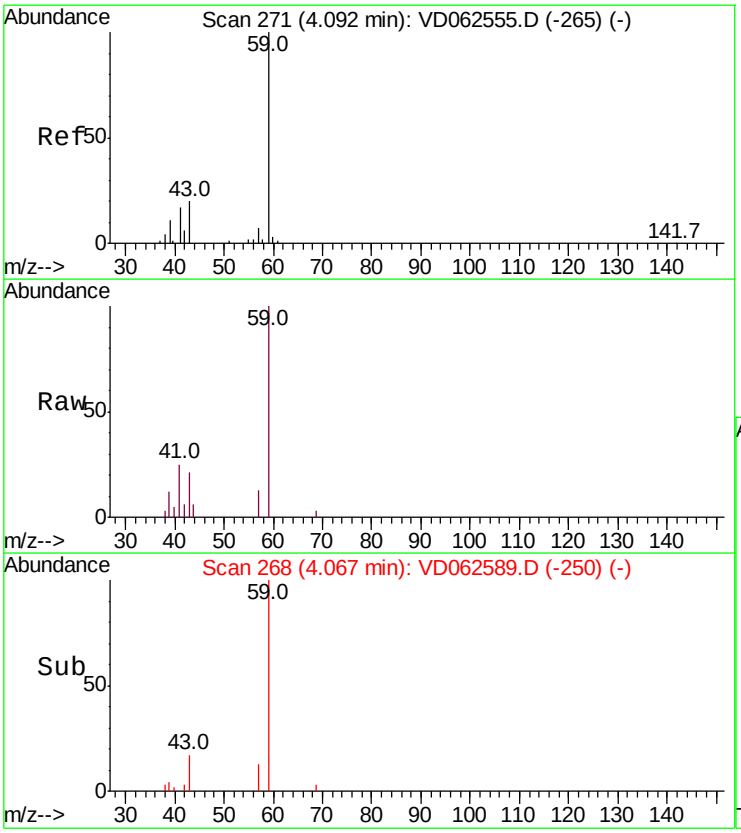
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.02 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
COMP-1RE

Tgt Ion:168 Resp: 389390

Ion	Ratio	Lower	Upper
168	100		
99	67.9	50.8	76.2

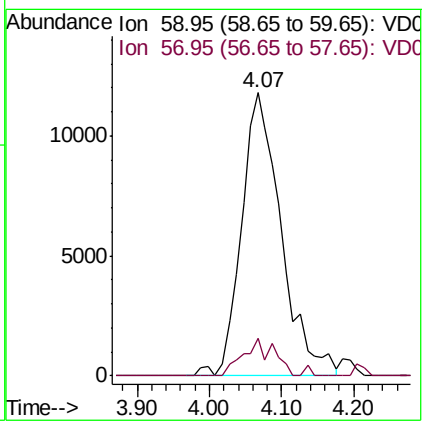


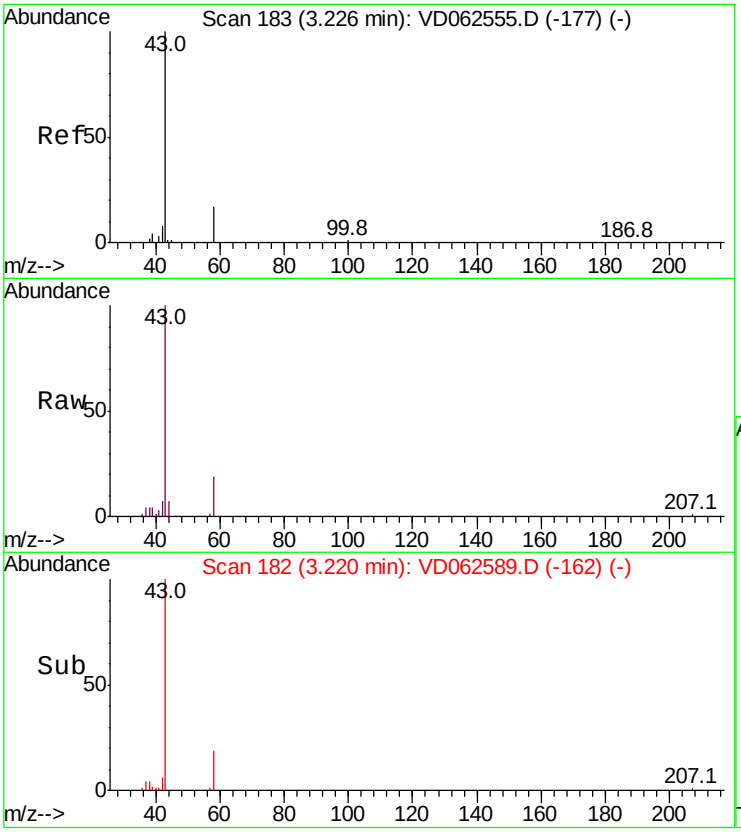


#11
Tert butyl alcohol
Concen: 232.090 ug/l
RT: 4.07 min Scan# 268
Delta R.T. -0.03 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Tgt Ion: 59 Resp: 45197

Ion	Ratio	Lower	Upper
59	100		
57	13.4	5.4	8.0#



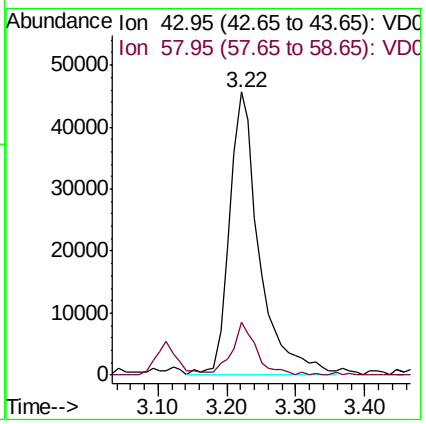


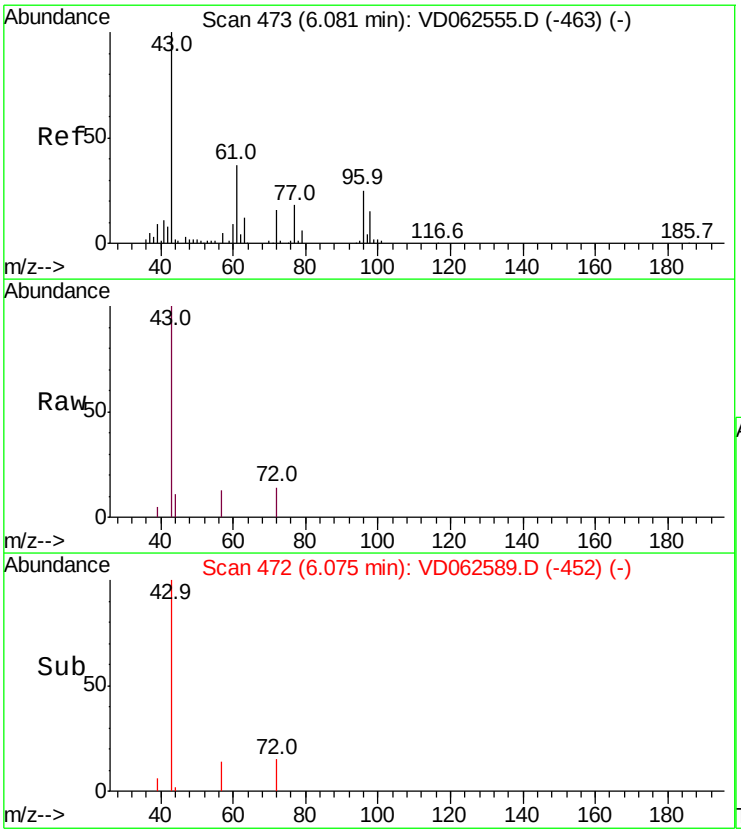
#16
Acetone
Concen: 153.371 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
COMP-1RE

Tgt Ion: 43 Resp: 137585

Ion	Ratio	Lower	Upper
43	100		
58	18.5	13.8	20.8

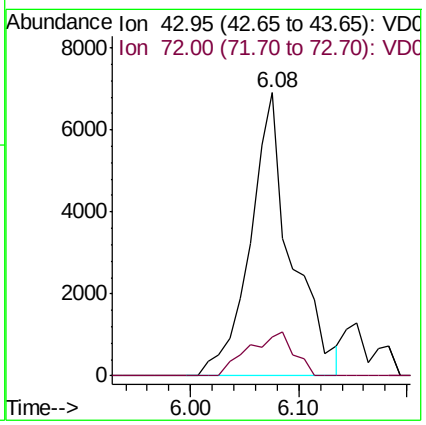


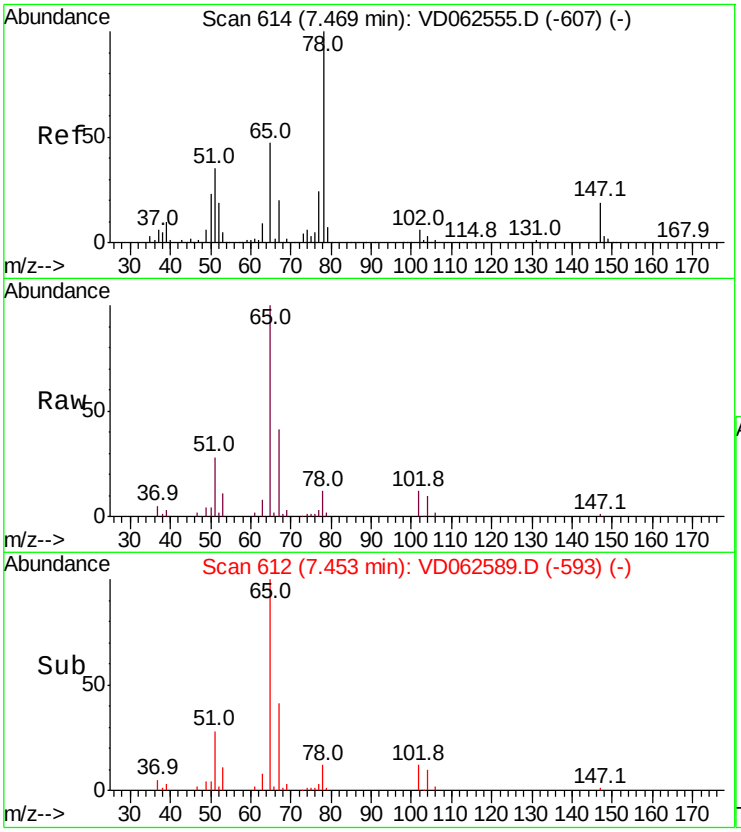


#25
2-Butanone
Concen: 21.652 ug/l
RT: 6.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Tgt Ion: 43 Resp: 18293

Ion	Ratio	Lower	Upper
43	100		
72	13.7	12.7	19.1



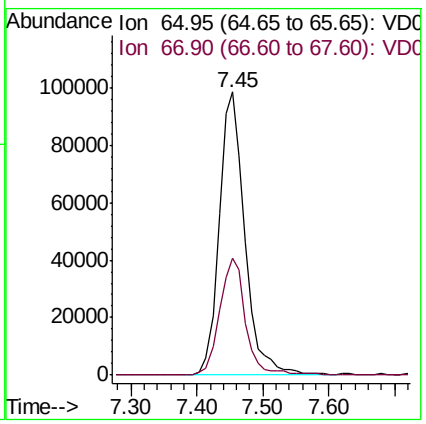


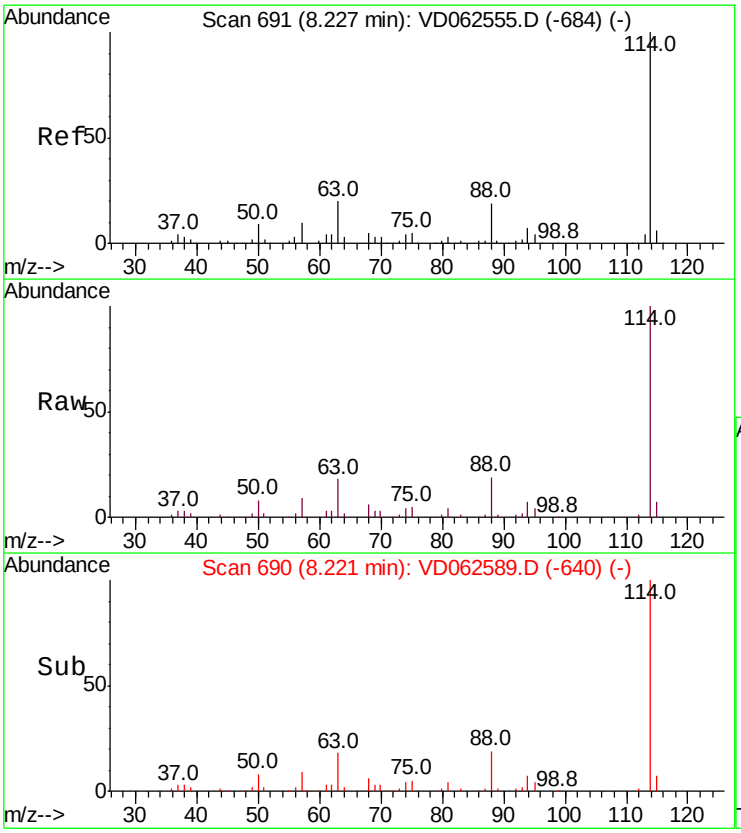
#33
1,2-Dichloroethane-d4
Concen: 58.137 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
COMP-1RE

Tgt Ion: 65 Resp: 265437

Ion	Ratio	Lower	Upper
65	100		
67	41.1	0.0	83.6

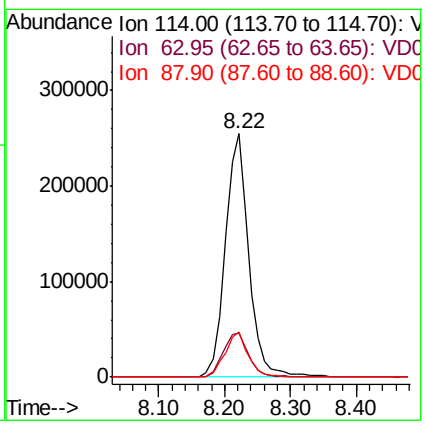


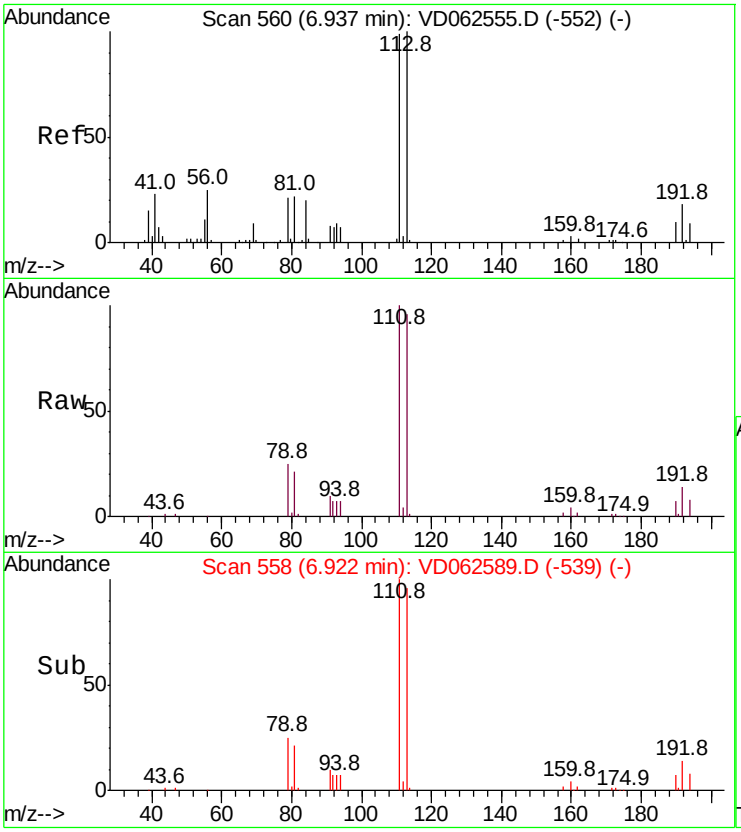


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.01 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Tgt Ion:114 Resp: 635367

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	40.6
88	18.7	0.0	37.6



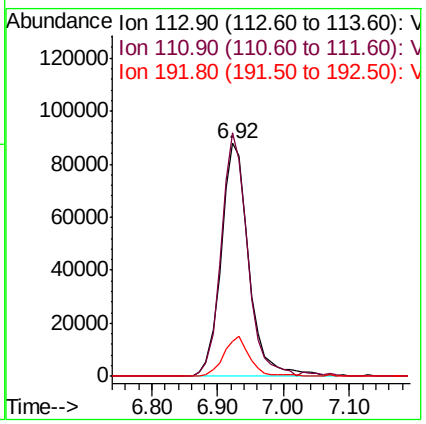


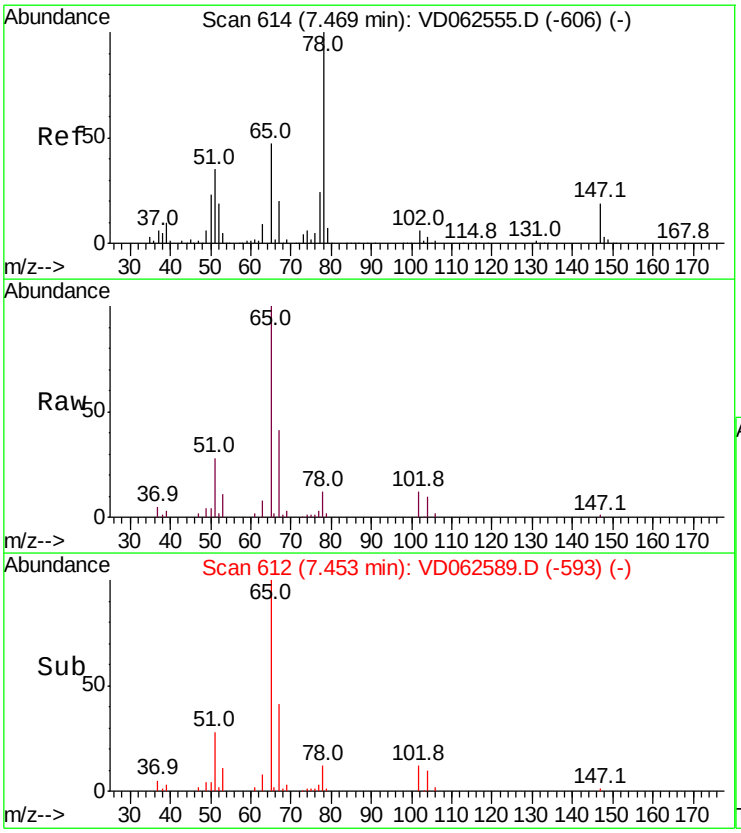
#35
Dibromofluoromethane
Concen: 44.633 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
COMP-1RE

Tgt Ion:113 Resp: 258421

Ion	Ratio	Lower	Upper
113	100		
111	104.5	78.8	118.2
192	15.0	14.6	22.0

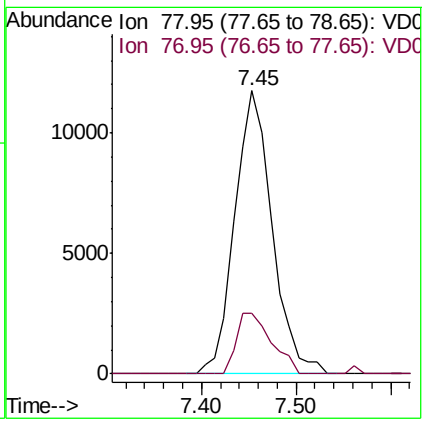


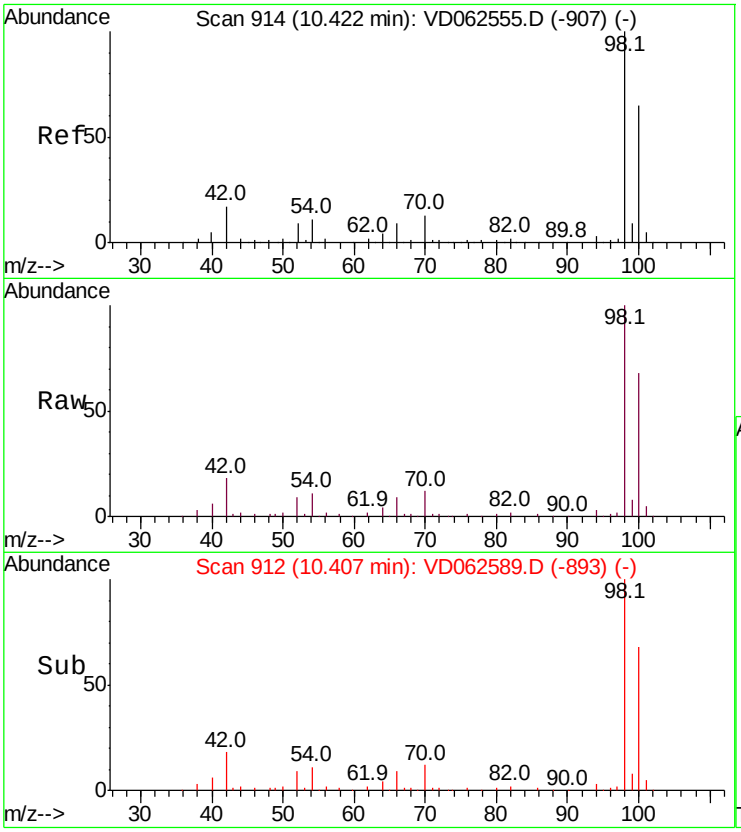


#40
Benzene
Concen: 2.587 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Tgt Ion: 78 Resp: 32114

Ion	Ratio	Lower	Upper
78	100		
77	21.3	19.1	28.7



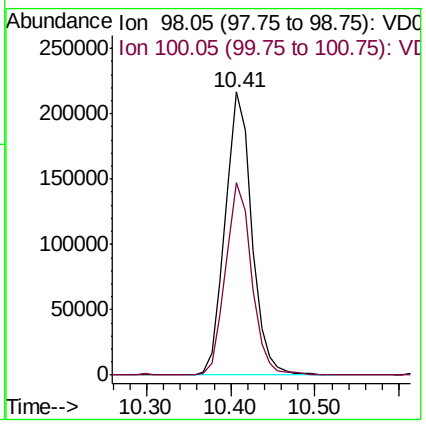


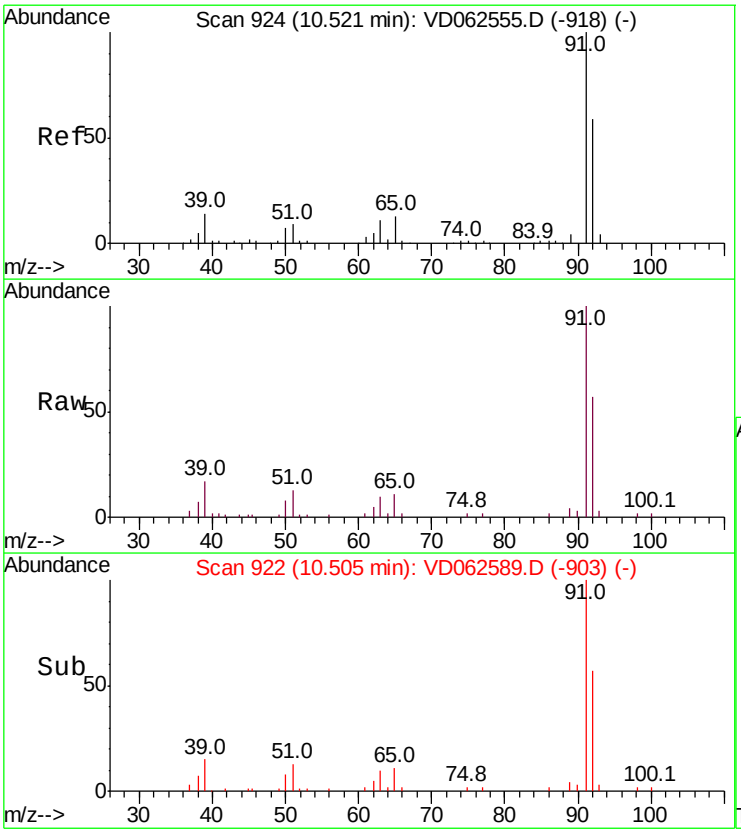
#50
Toluene-d8
Concen: 37.612 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
COMP-1RE

Tgt Ion: 98 Resp: 477141

Ion	Ratio	Lower	Upper
98	100		
100	68.2	52.3	78.5

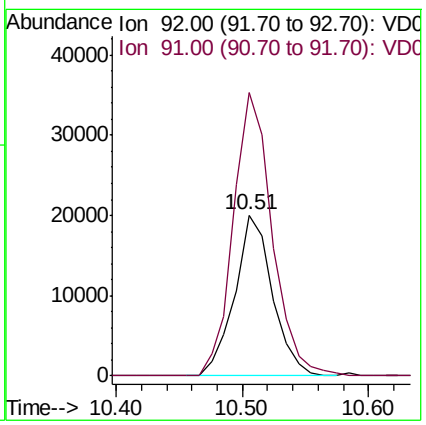


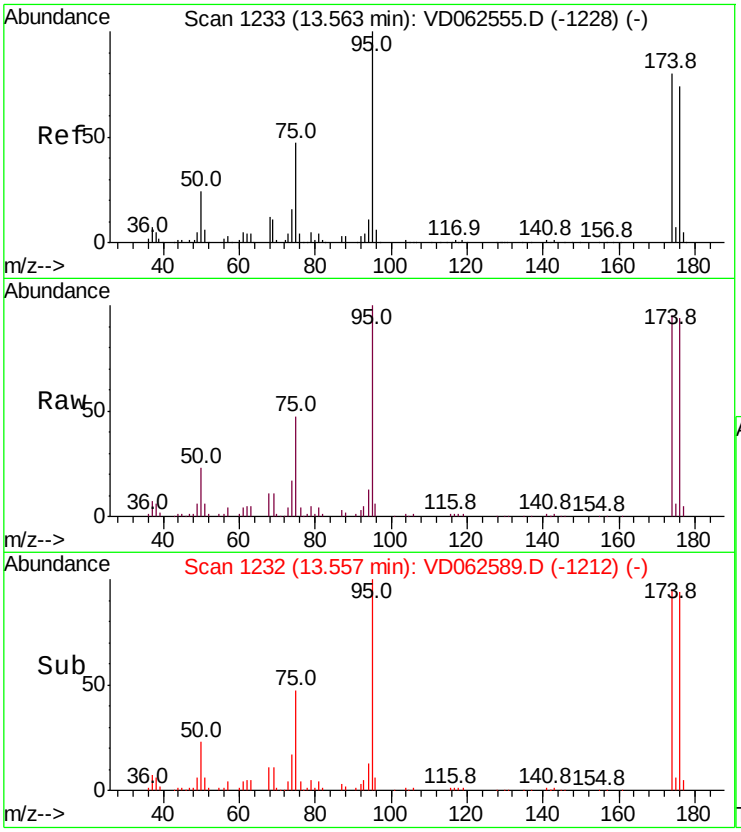


#52
Toluene
Concen: 4.914 ug/l
RT: 10.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Tgt Ion: 92 Resp: 41608

Ion	Ratio	Lower	Upper
92	100		
91	176.1	135.5	203.3



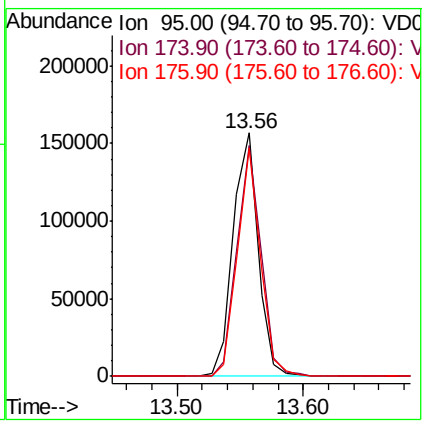


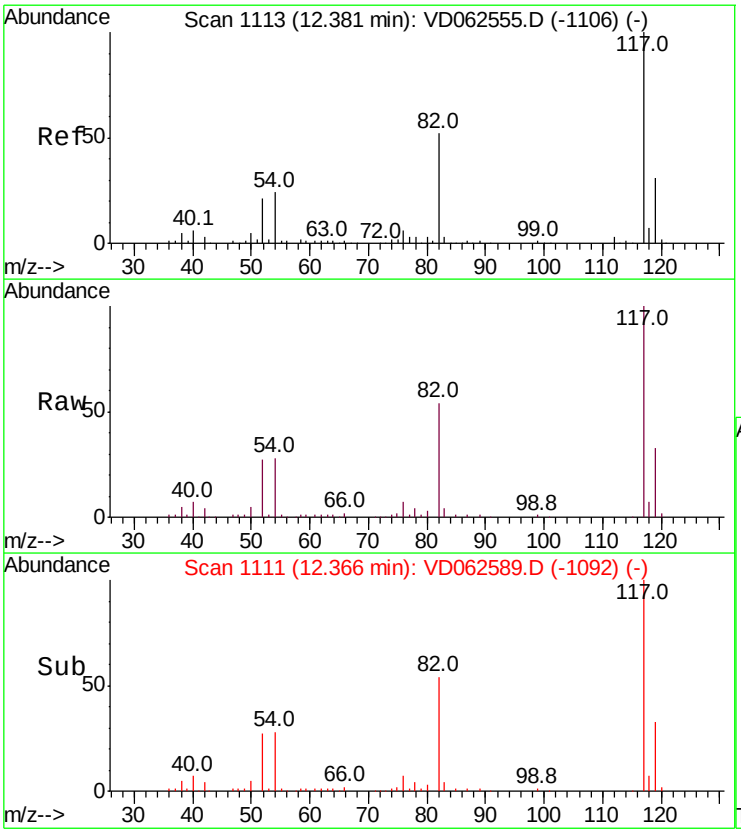
#62
4-Bromofluorobenzene
Concen: 37.518 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Instrument : MSVOA_D
ClientSampleId : COMP-1RE

Tgt Ion: 95 Resp: 214636

Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	160.2
176	93.8	0.0	148.0

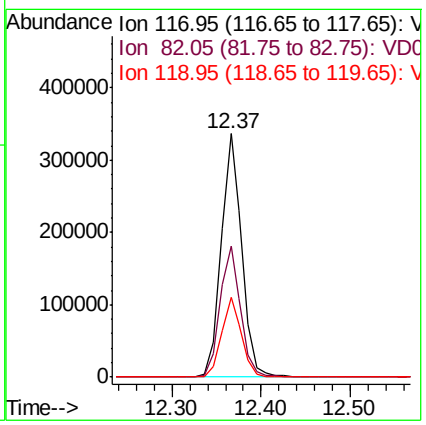


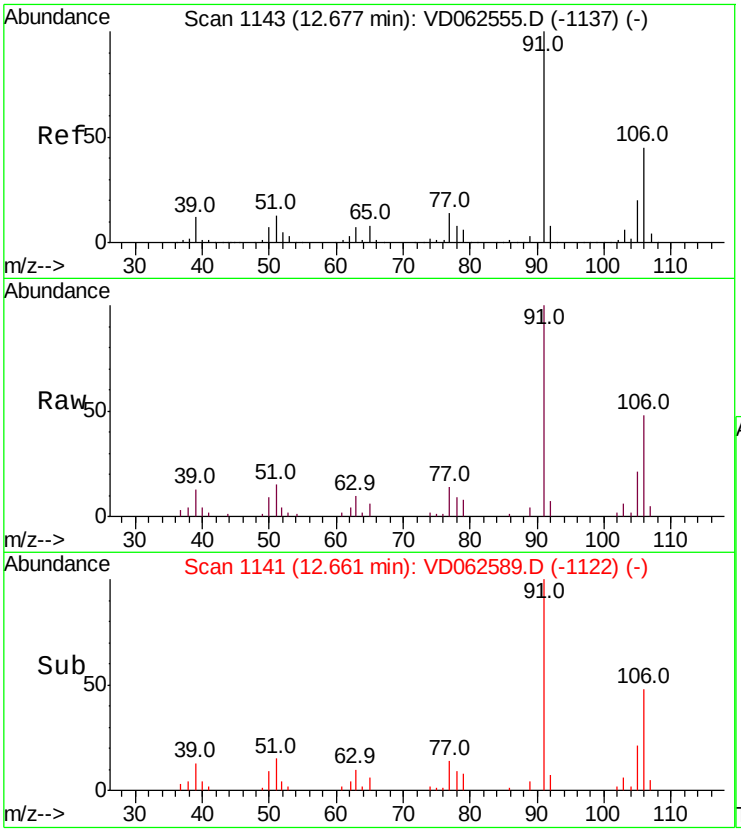


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Tgt Ion:117 Resp: 548251

Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.4	62.2
119	33.0	24.9	37.3



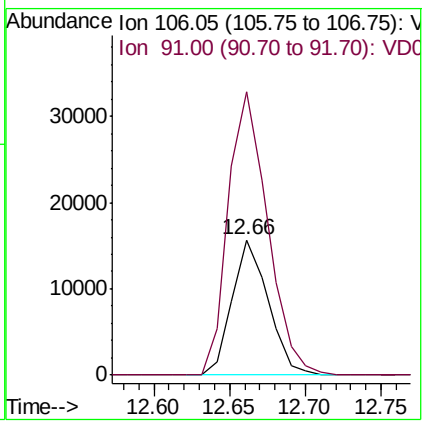


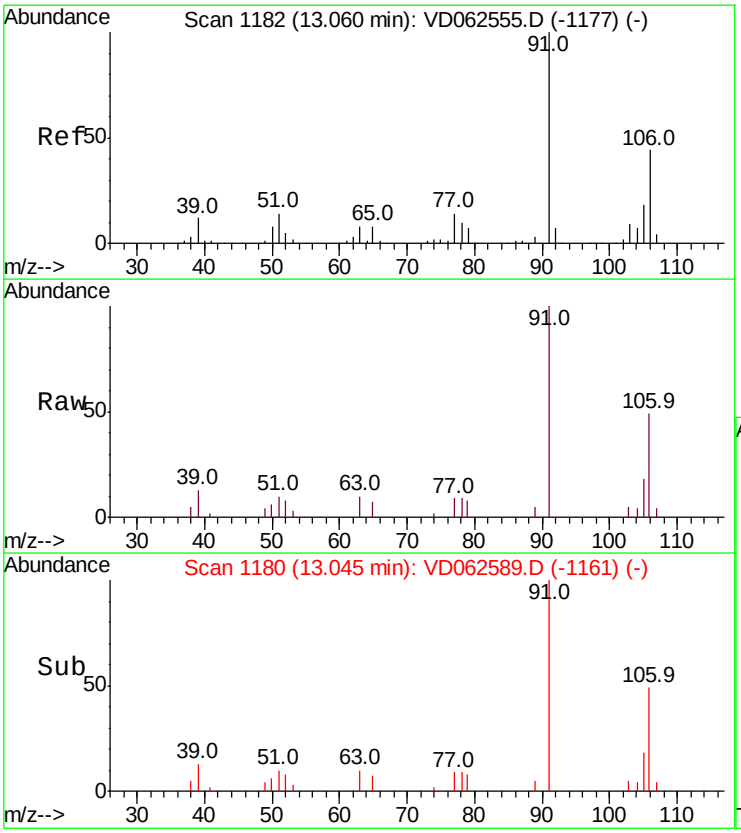
#68
m/p-Xylenes
Concen: 3.836 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.02 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
COMP-1RE

Tgt Ion:106 Resp: 25968

Ion	Ratio	Lower	Upper
106	100		
91	209.7	178.9	268.3

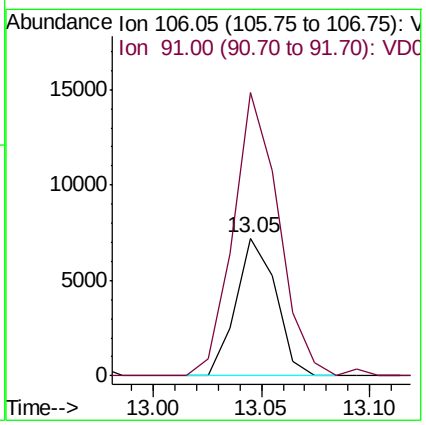


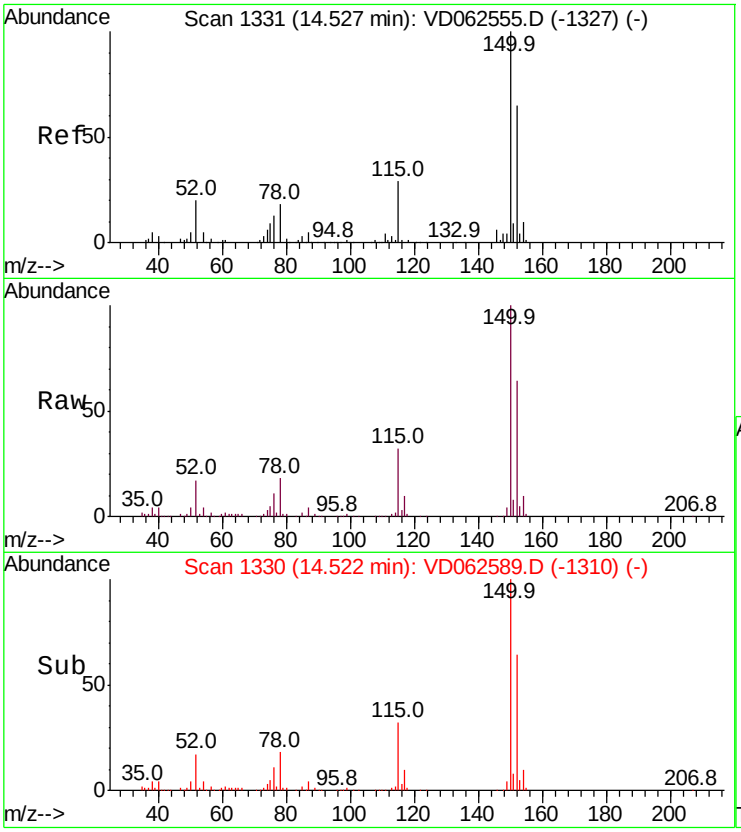


#69
o-Xylene
Concen: 1.440 ug/l
RT: 13.05 min Scan# 1180
Delta R.T. -0.02 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Tgt Ion:106 Resp: 9300

Ion	Ratio	Lower	Upper
106	100		
91	205.8	113.9	341.8



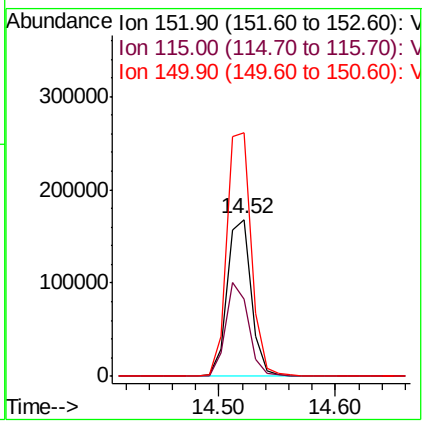


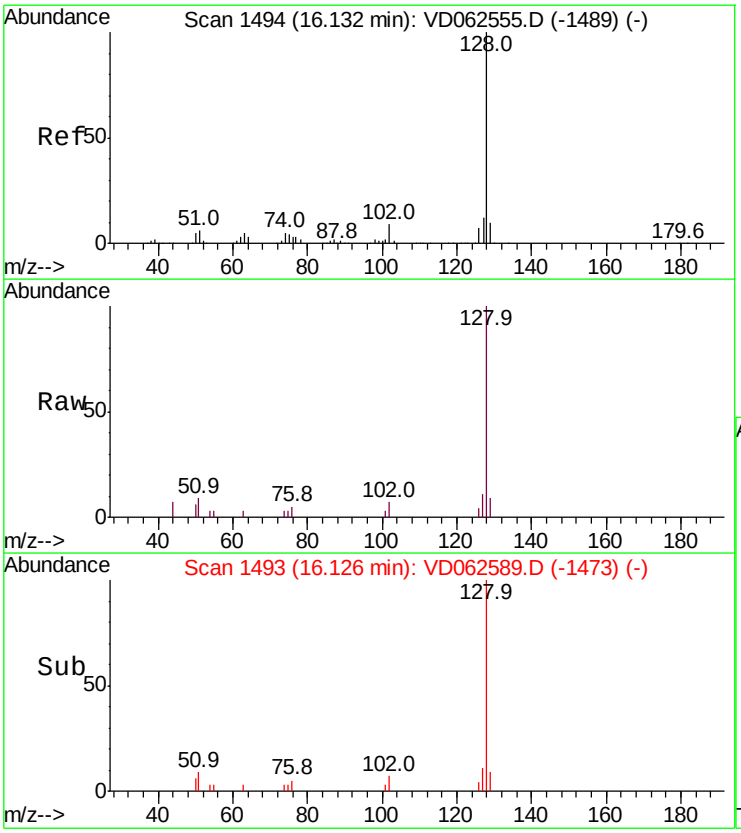
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
COMP-1RE

Tgt Ion:152 Resp: 240884

Ion	Ratio	Lower	Upper
152	100		
115	49.4	28.4	85.3
150	155.2	0.0	310.4





#95
Naphthalene
Concen: 1.809 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD062589.D
Acq: 3 Jun 2019 16:51

Tgt Ion:128 Resp: 12505

Ion	Ratio	Lower	Upper
128	100		
127	11.4	9.7	14.5
129	8.9	8.2	12.2