Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081319\
Data File : VD063565.D
Acq On : 14 Aug 2019 10:16
Operator : JC/SY
Sample : K4095-07RE
Misc : 6.50g/5ml/MSVOA_D/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-04-080919-BRE

Quant Time: Aug 14 11:39:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	834572	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1224402	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	912373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	349650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	445348	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.84%			
35) Dibromofluoromethane	6.94	113	27448	2.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 5.32%			
50) Toluene-d8	10.41	98	851328	37.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.10%			
62) 4-Bromofluorobenzene	13.55	95	306240	29.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 59.60%			
Target Compounds						Qvalue
16) Acetone	3.23	43	117591	64.844	ug/l	95
17) Carbon Disulfide	3.38	76	50988	2.396	ug/l #	94
20) Methylene Chloride	3.82	84	83443	10.641	ug/l #	89
52) Toluene	10.51	92	60804	3.963	ug/l	88
68) m/p-Xylenes	12.67	106	37505	3.590	ug/l	85
69) o-Xylene	13.05	106	27860	2.771	ug/l	88
80) 1,3,5-Trimethylbenzene	13.94	105	45952	2.365	ug/l	98
84) 1,2,4-Trimethylbenzene	14.23	105	144849	8.056	ug/l	89
95) Naphthalene	16.12	128	93537	8.992	ug/l	97

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

Quantitation Report (QT/LSC Reviewed)

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SU-04-080919-BRE

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
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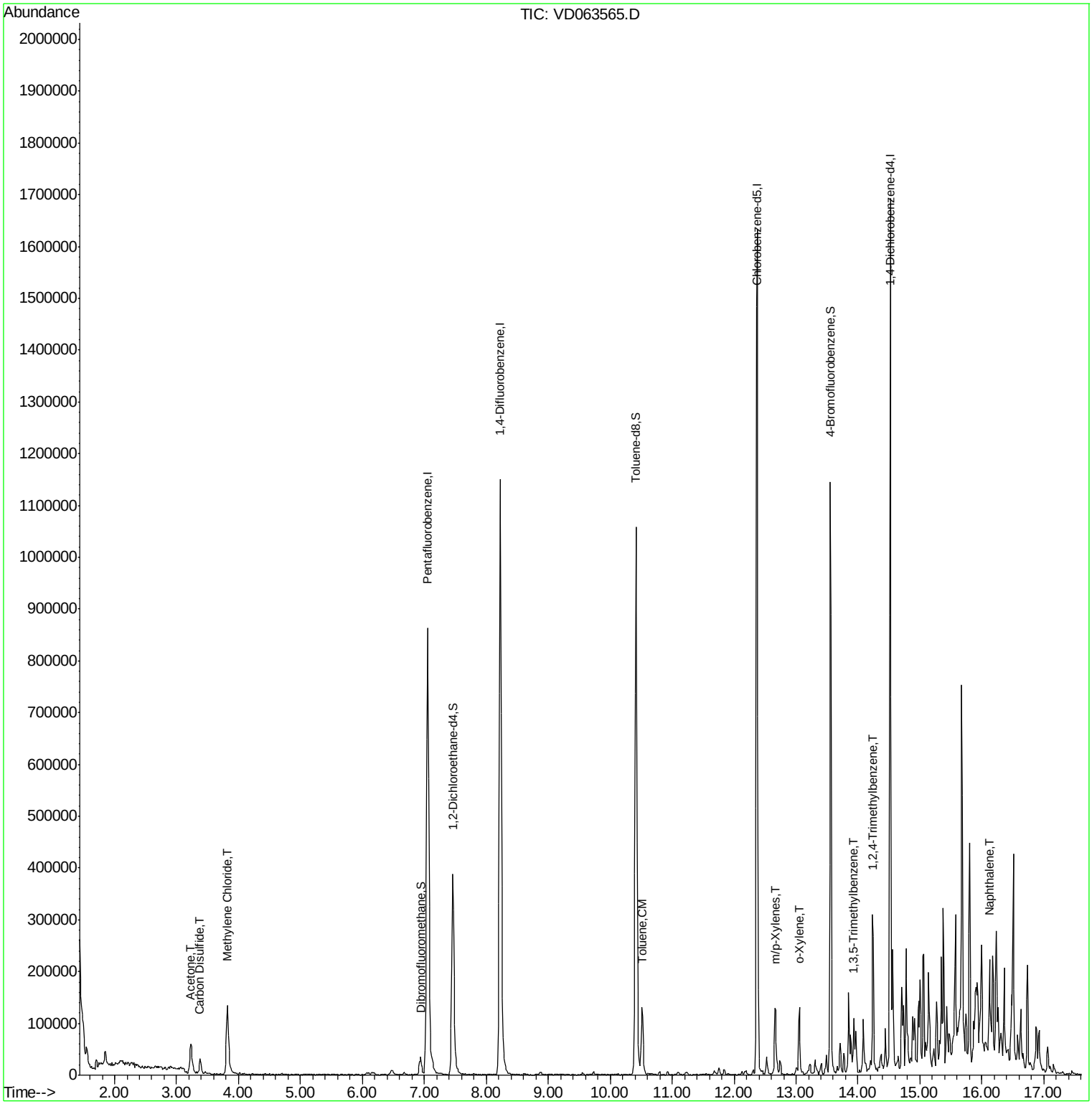
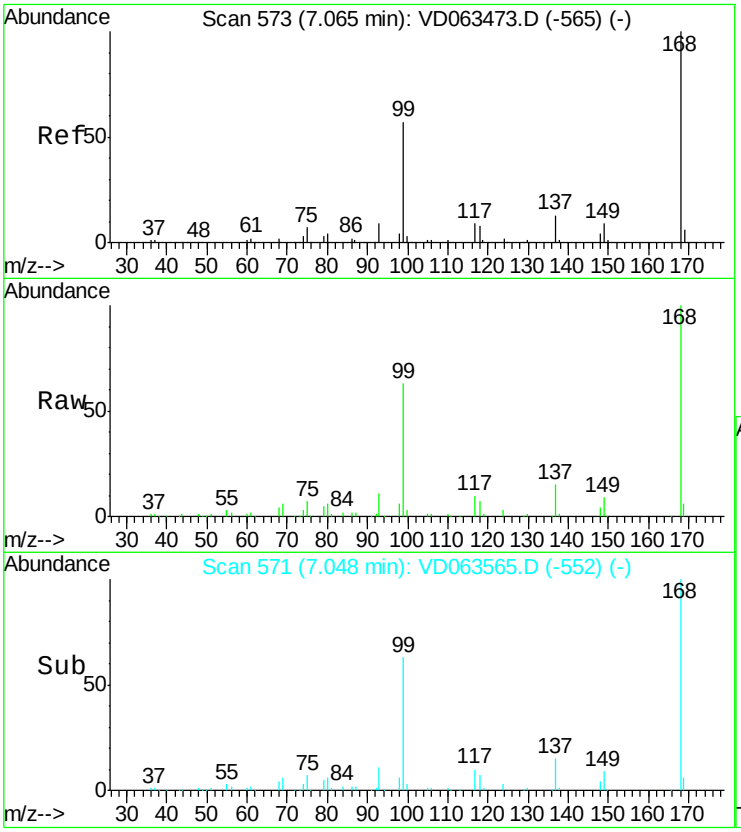
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration



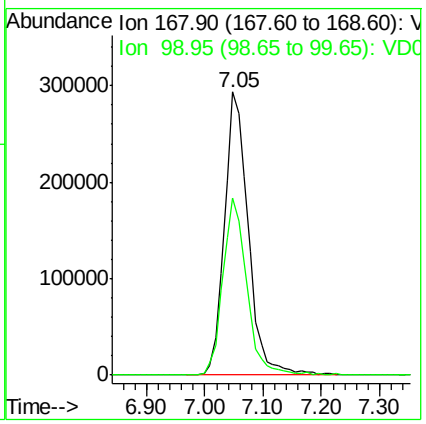


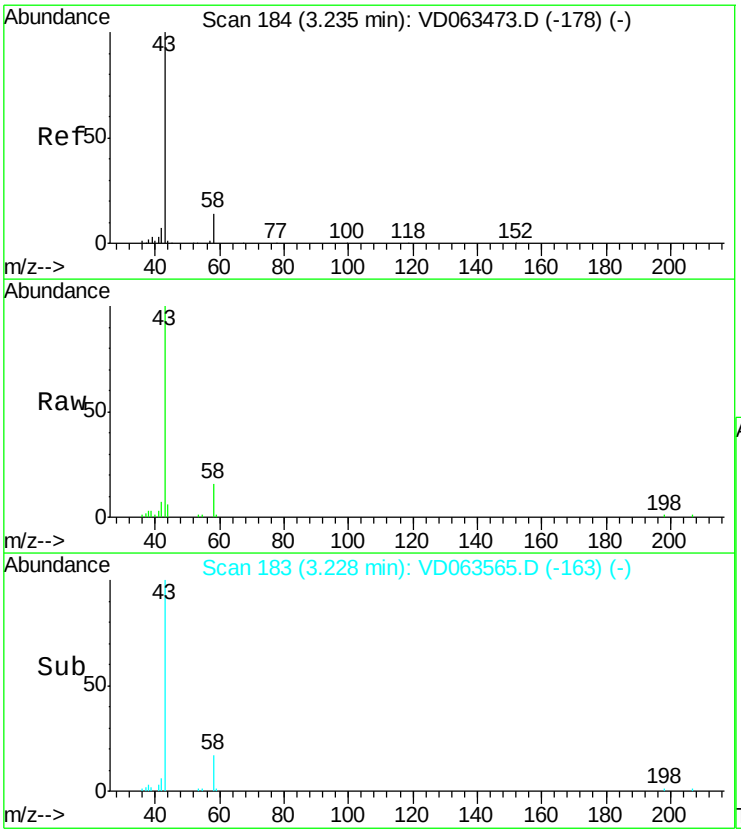
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.02 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Instrument :
MSVOA_D
ClientSampleId :
SU-04-080919-BRE

Tgt Ion:168 Resp: 834572

Ion	Ratio	Lower	Upper
168	100		
99	62.5	46.7	70.1

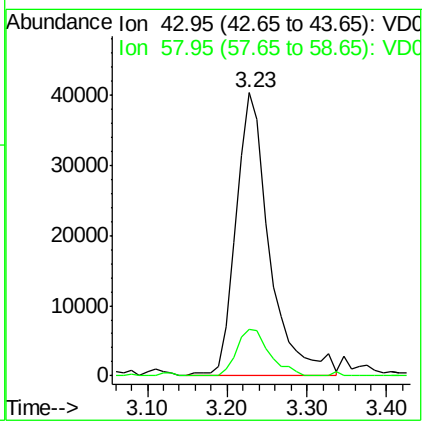


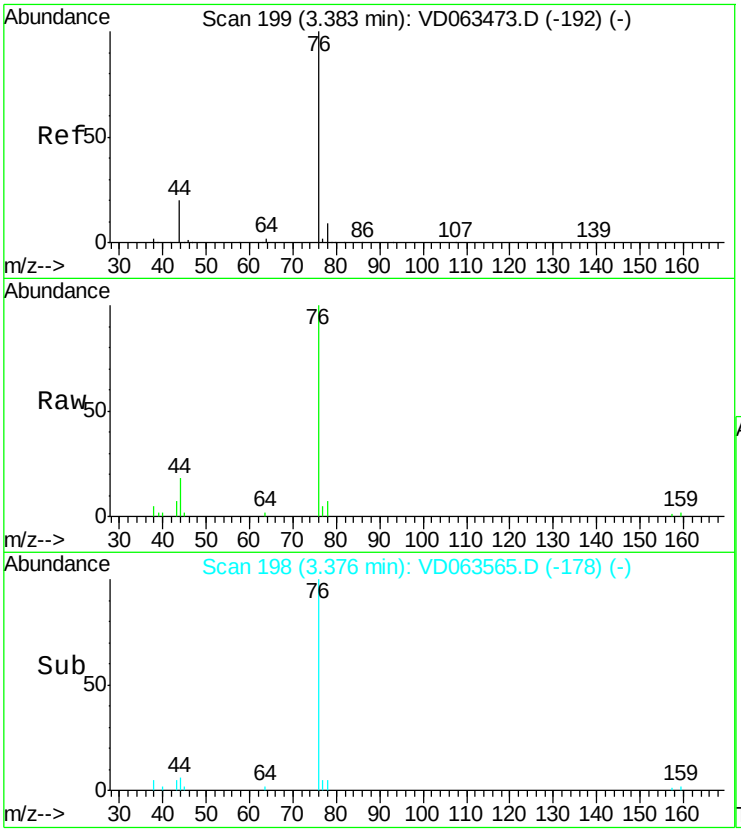


#16
Acetone
Concen: 64.844 ug/l
RT: 3.23 min Scan# 183
Delta R.T. -0.01 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Tgt Ion: 43 Resp: 117591

Ion	Ratio	Lower	Upper
43	100		
58	16.5	11.4	17.2



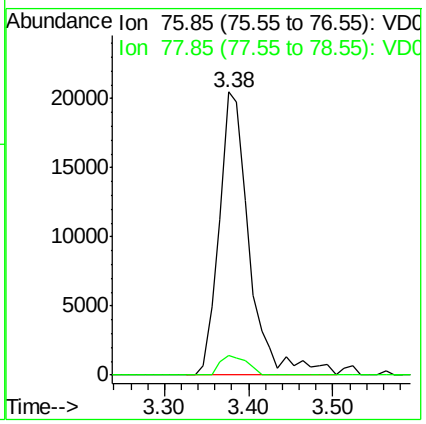


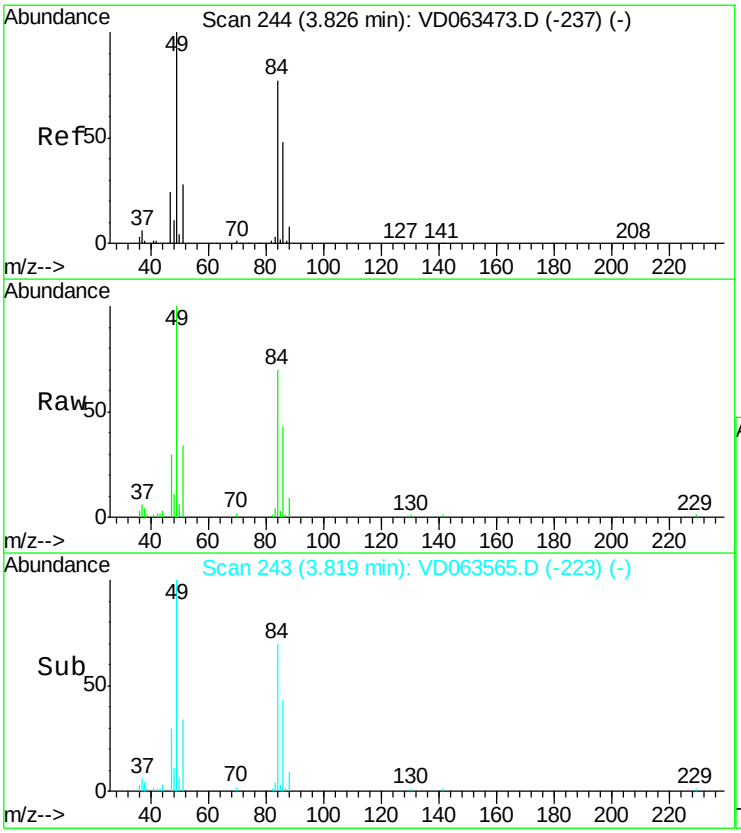
#17
Carbon Disulfide
Concen: 2.396 ug/l
RT: 3.38 min Scan# 198
Delta R.T. -0.01 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Instrument :
MSVOA_D
ClientSampleId :
SU-04-080919-BRE

Tgt Ion: 76 Resp: 50988

Ion	Ratio	Lower	Upper
76	100		
78	7.0	7.4	11.0#

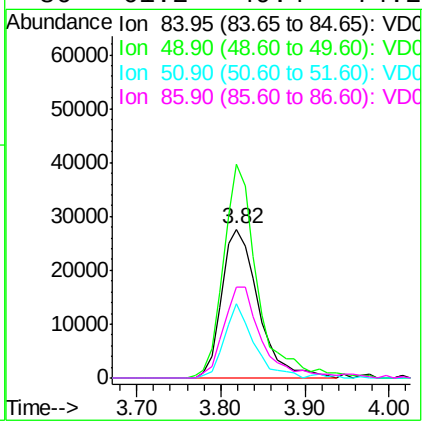


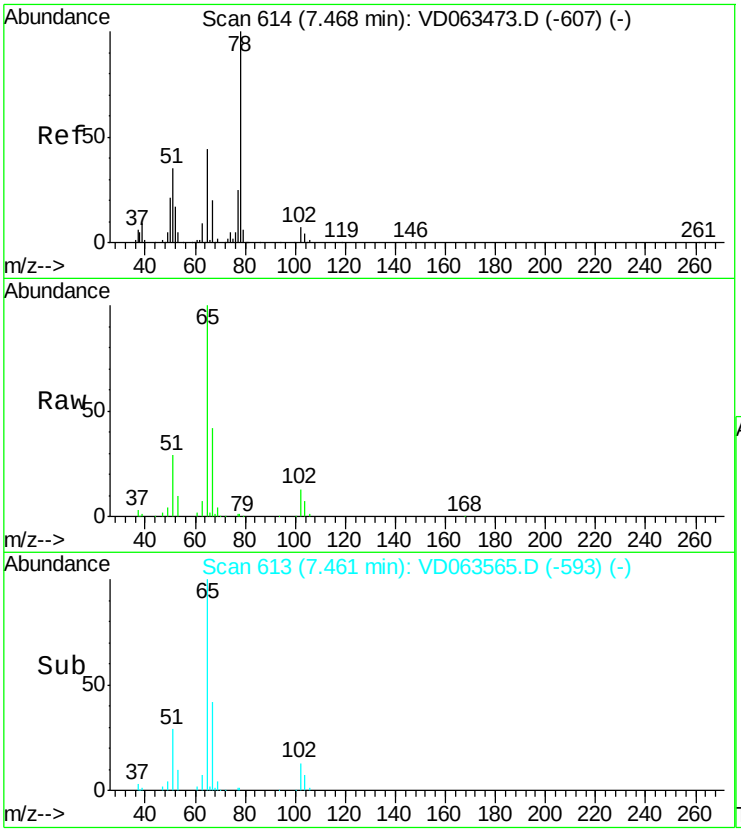


#20
Methylene Chloride
Concen: 10.641 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Tgt Ion: 84 Resp: 83443

Ion	Ratio	Lower	Upper
84	100		
49	143.7	103.4	155.2
51	49.6	28.5	42.7#
86	61.2	49.4	74.2



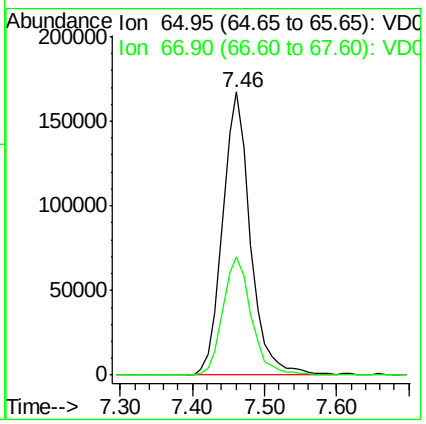


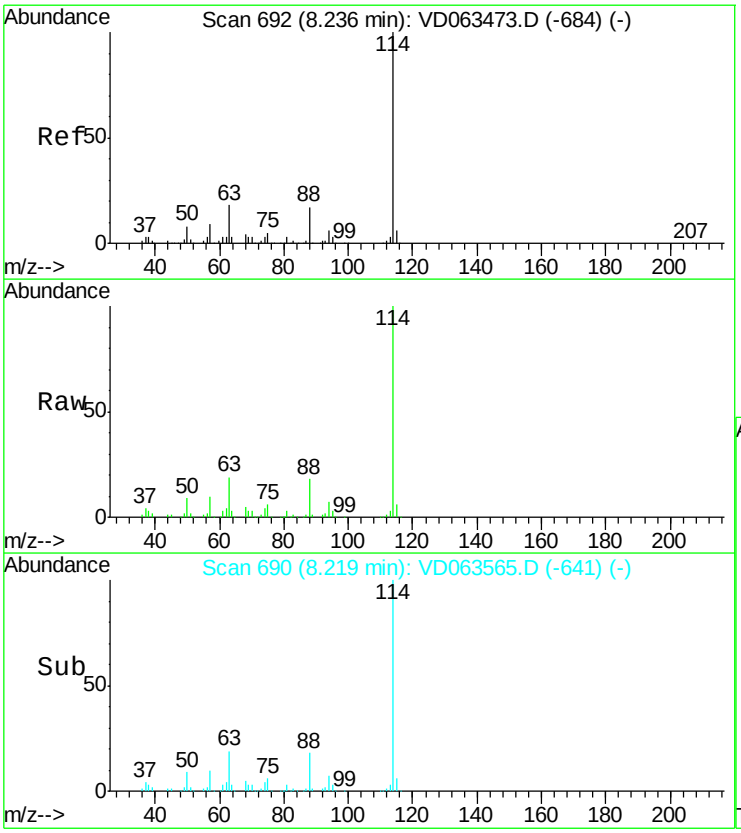
#33
1,2-Dichloroethane-d4
Concen: 49.922 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Instrument :
MSVOA_D
ClientSampleId :
SU-04-080919-BRE

Tgt Ion: 65 Resp: 445348

Ion	Ratio	Lower	Upper
65	100		
67	41.9	0.0	89.2

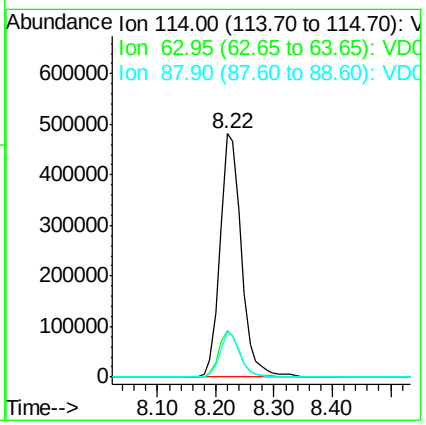


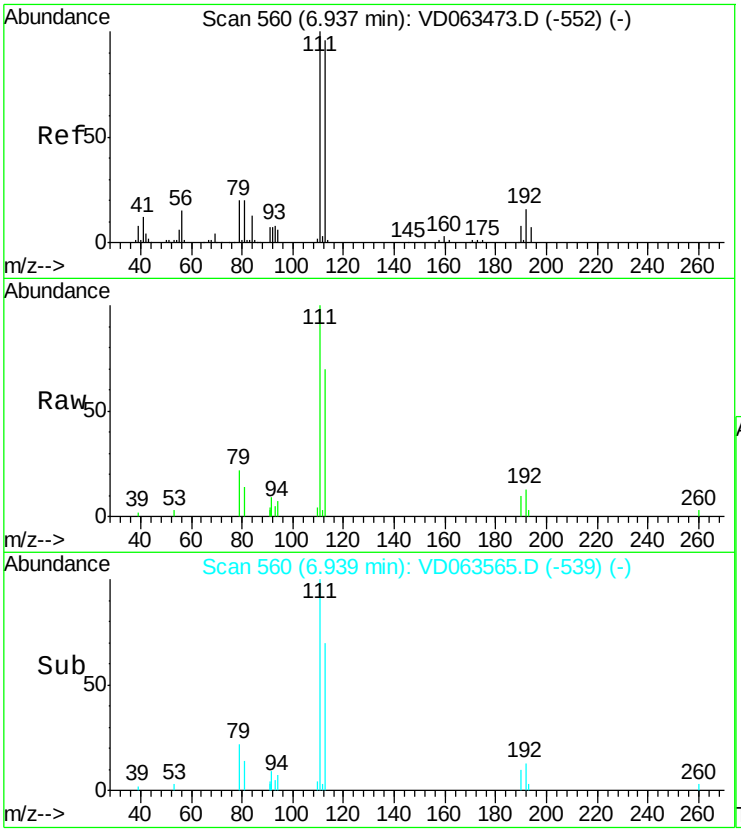


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.02 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Tgt Ion:114 Resp: 1224402

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	36.2
88	18.4	0.0	35.0



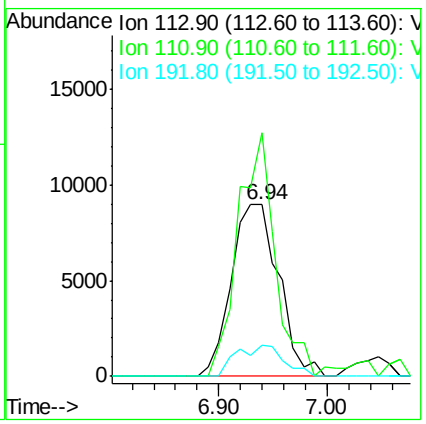


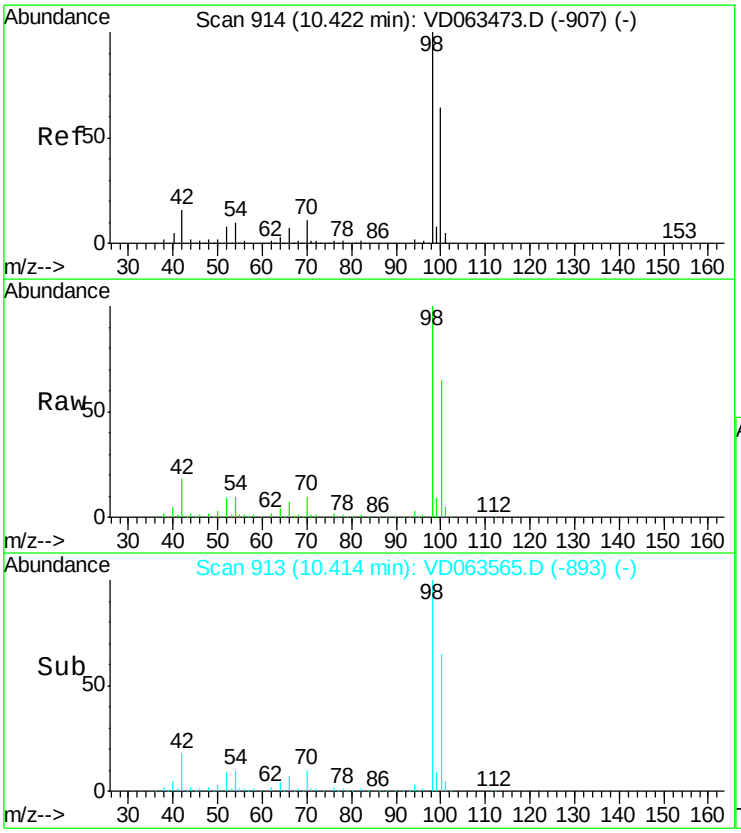
#35
Dibromofluoromethane
Concen: 2.662 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Instrument :
MSVOA_D
ClientSampleId :
SU-04-080919-BRE

Tgt Ion:113 Resp: 27448

Ion	Ratio	Lower	Upper
113	100		
111	142.0	83.1	124.7#
192	17.9	13.1	19.7

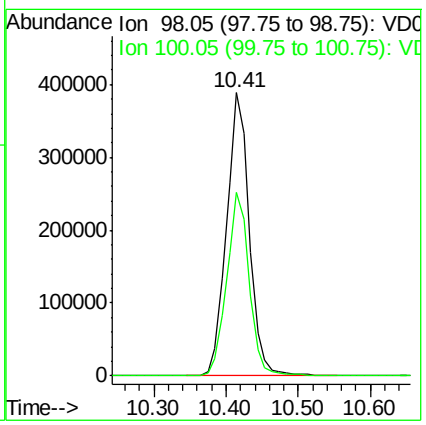


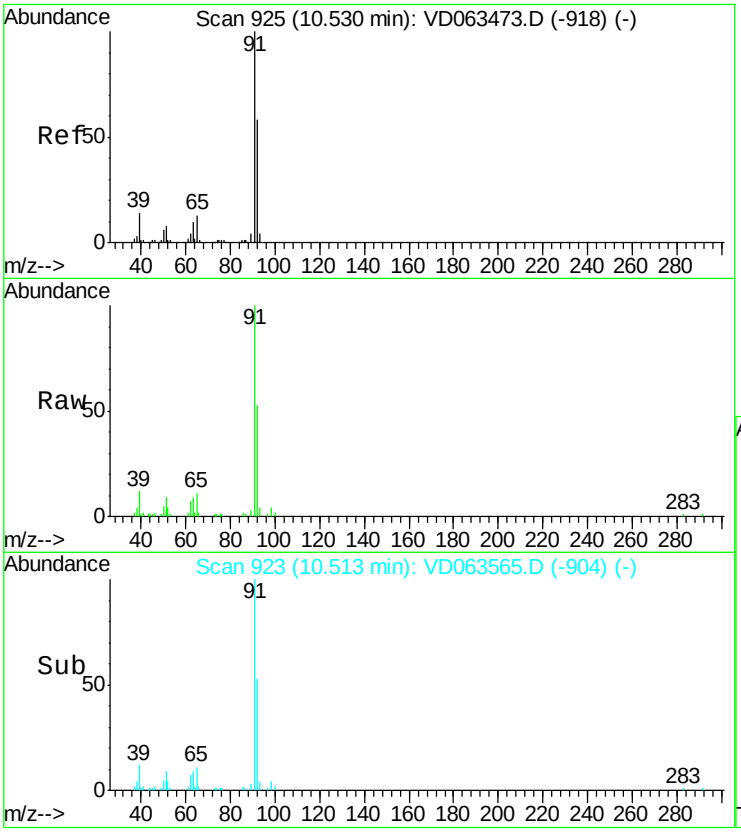


#50
Toluene-d8
Concen: 37.551 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Tgt Ion: 98 Resp: 851328

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5



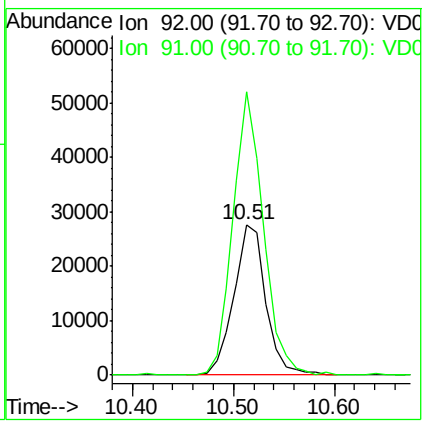


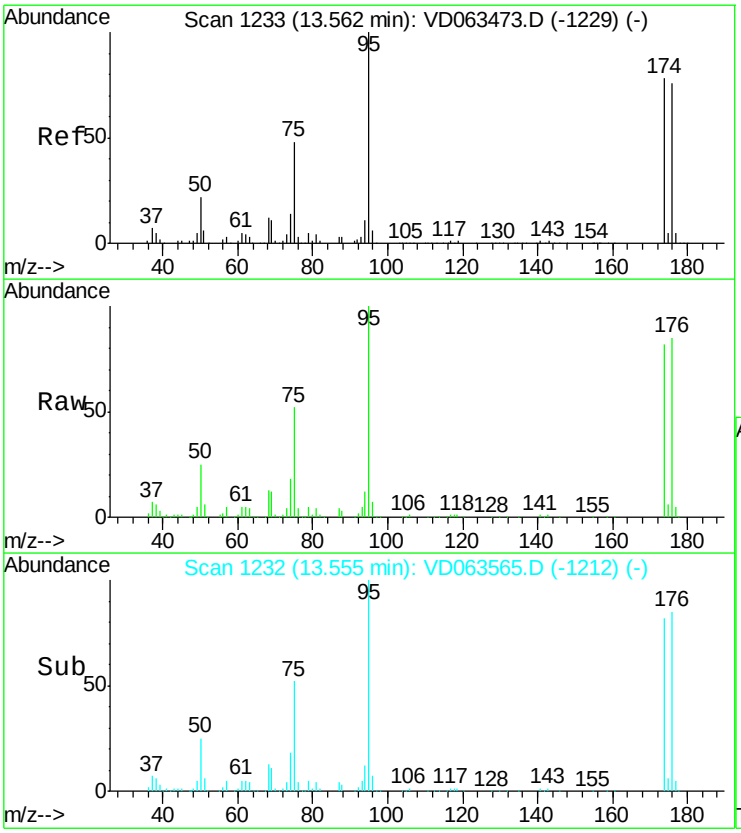
#52
Toluene
Concen: 3.963 ug/l
RT: 10.51 min Scan# 923
Delta R.T. -0.02 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Instrument :
MSVOA_D
ClientSampleId :
SU-04-080919-BRE

Tgt Ion: 92 Resp: 60804

Ion	Ratio	Lower	Upper
92	100		
91	188.3	137.9	206.9

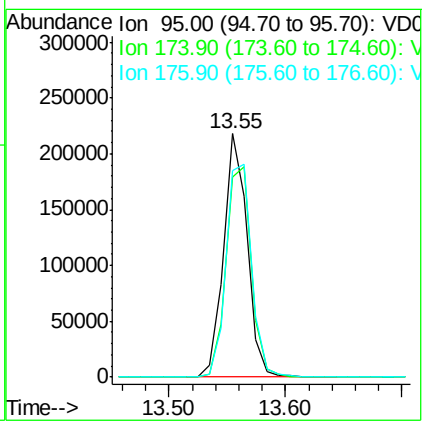


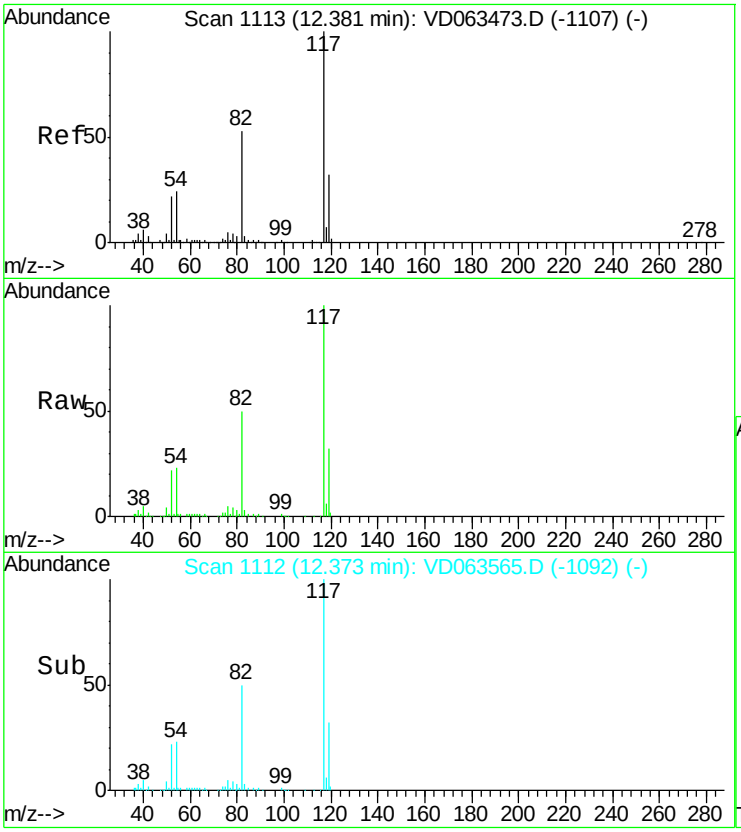


#62
4-Bromofluorobenzene
Concen: 29.803 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Tgt Ion: 95 Resp: 306240

Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	155.4
176	85.1	0.0	152.4



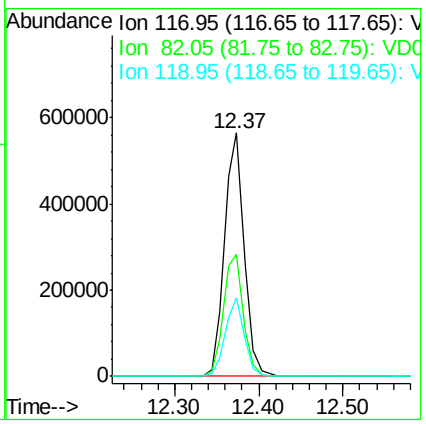


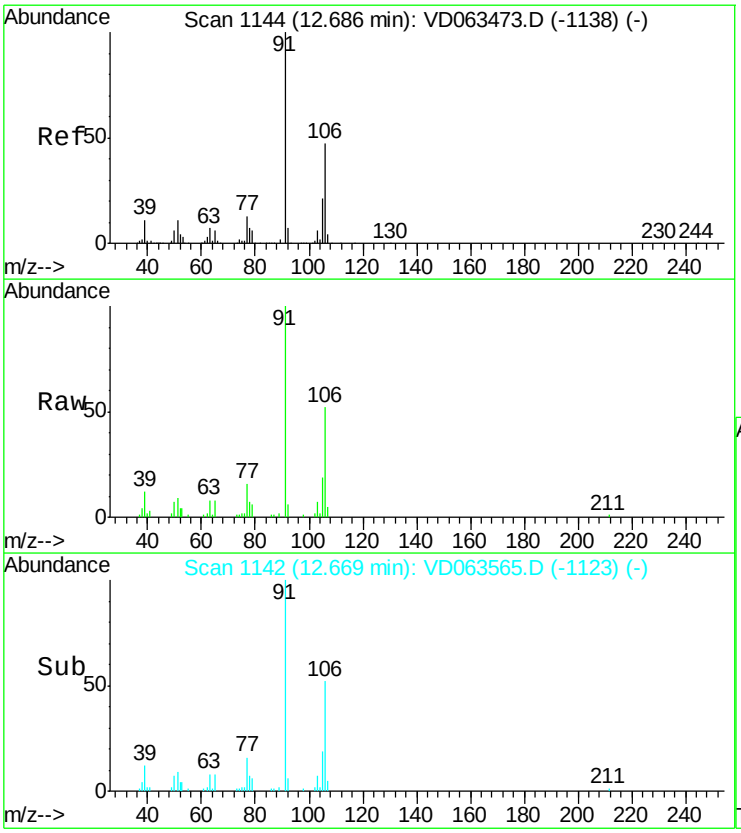
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Instrument :
MSVOA_D
ClientSampleId :
SU-04-080919-BRE

Tgt Ion:117 Resp: 912373

Ion	Ratio	Lower	Upper
117	100		
82	49.9	42.0	63.0
119	32.3	25.4	38.0

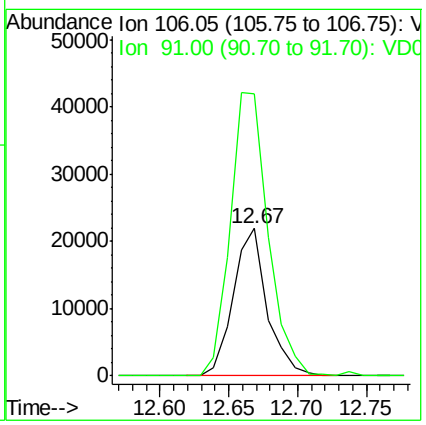


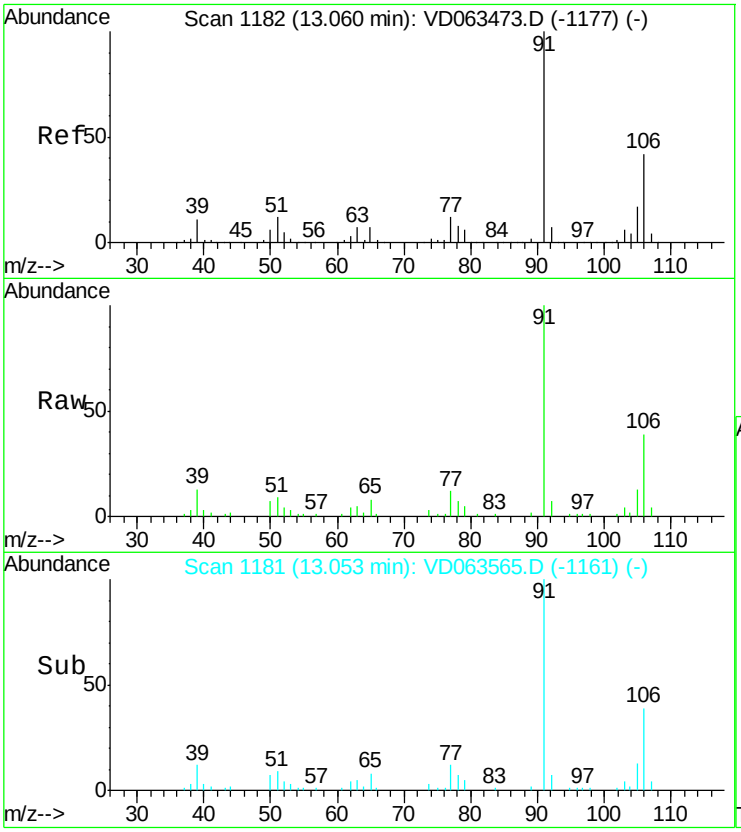


#68
m/p-Xylenes
Concen: 3.590 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.02 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Tgt Ion:106 Resp: 37505

Ion	Ratio	Lower	Upper
106	100		
91	191.4	171.8	257.8



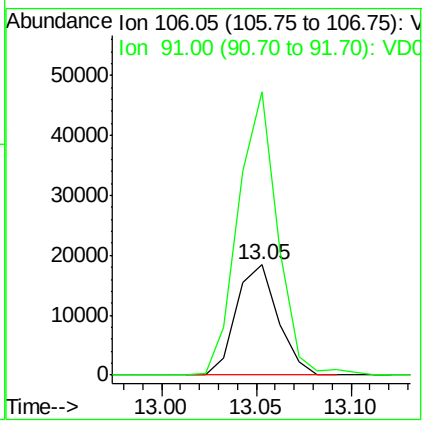


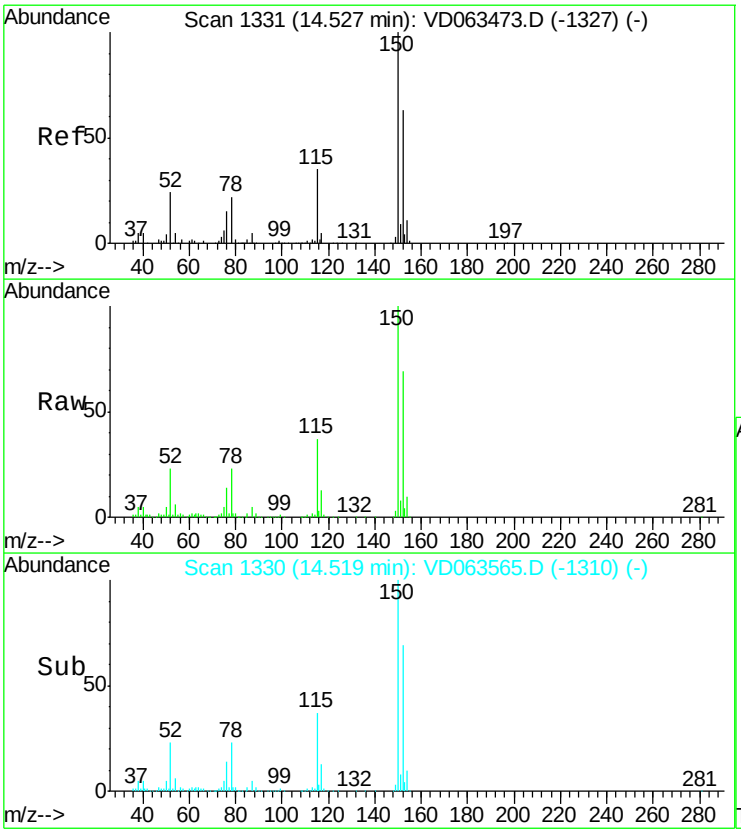
#69
o-Xylene
Concen: 2.771 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Instrument :
MSVOA_D
ClientSampleId :
SU-04-080919-BRE

Tgt Ion:106 Resp: 27860

Ion	Ratio	Lower	Upper
106	100		
91	257.0	118.1	354.2

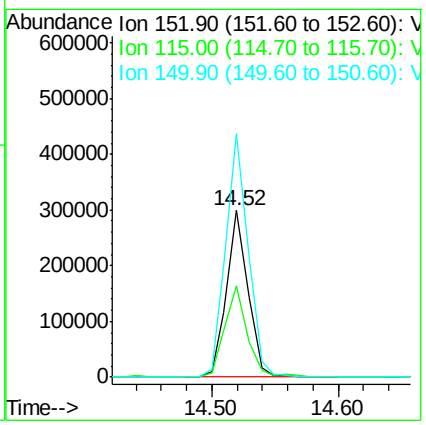


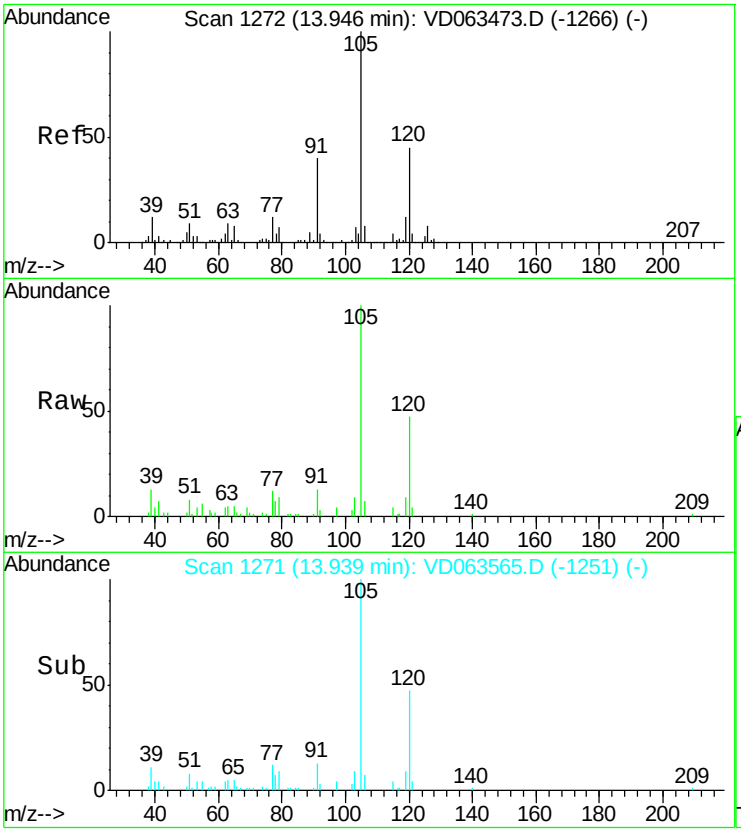


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Tgt Ion:152 Resp: 349650

Ion	Ratio	Lower	Upper
152	100		
115	54.7	30.9	92.7
150	146.0	0.0	318.6



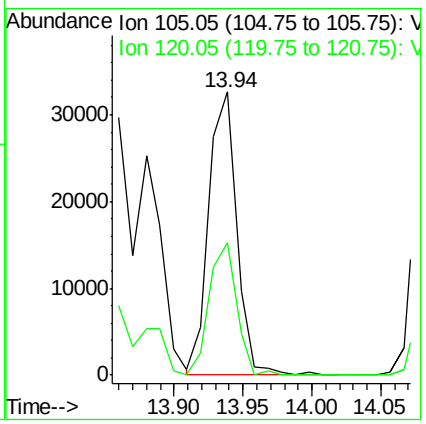


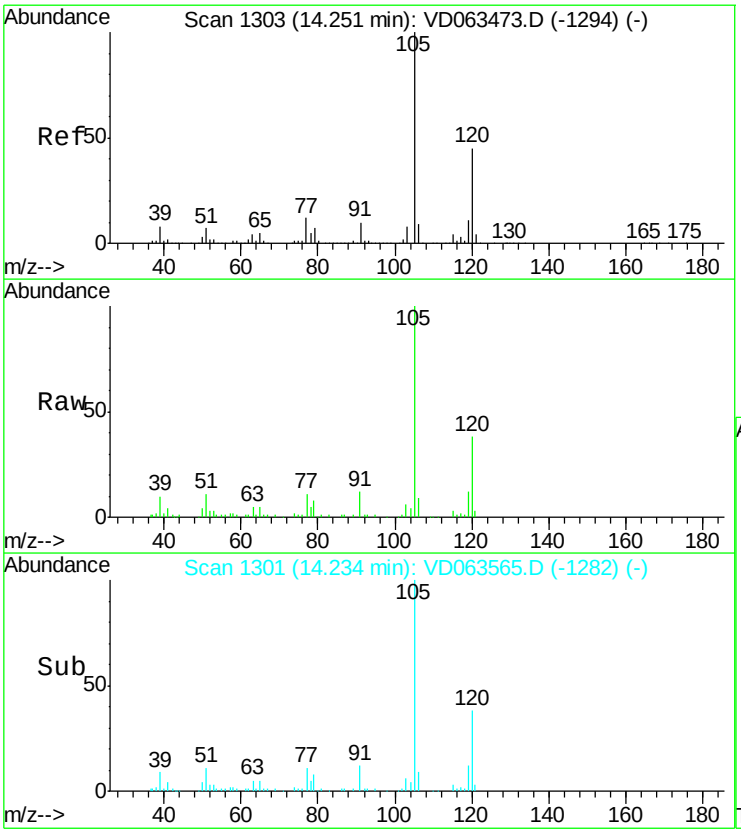
#80
1,3,5-Trimethylbenzene
Concen: 2.365 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Instrument :
MSVOA_D
ClientSampleId :
SU-04-080919-BRE

Tgt Ion:105 Resp: 45952

Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.8	68.3

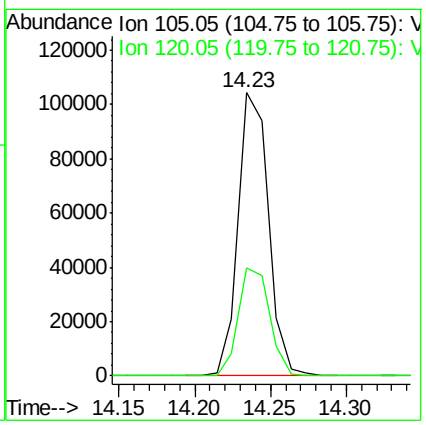


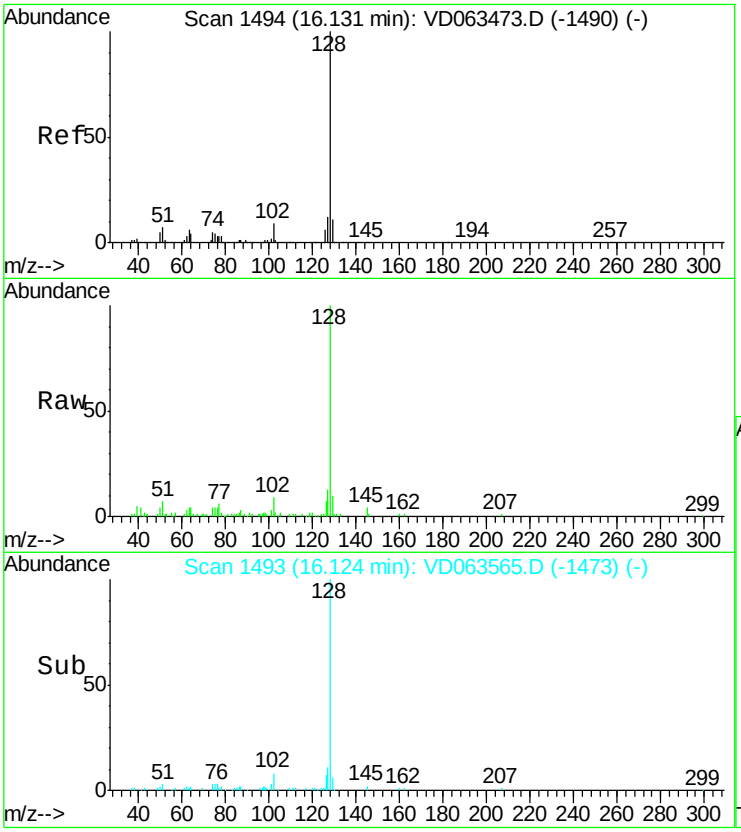


#84
1,2,4-Trimethylbenzene
Concen: 8.056 ug/l
RT: 14.23 min Scan# 1301
Delta R.T. -0.02 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Tgt Ion:105 Resp: 144849

Ion	Ratio	Lower	Upper
105	100		
120	38.1	22.7	68.1





#95
Naphthalene
Concen: 8.992 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD063565.D
Acq: 14 Aug 2019 10:16

Instrument :
MSVOA_D
ClientSampleId :
SU-04-080919-BRE

Tgt Ion:128 Resp: 93537

Ion	Ratio	Lower	Upper
128	100		
127	12.9	9.4	14.0
129	9.9	8.5	12.7