Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042219\
Data File : VD061942.D
Acq On : 22 Apr 2019 16:50
Operator : VA/AP
Sample : K2203-13
Misc : 6.91g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-02-041819-A

Quant Time: Apr 23 00:23:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.04	168	49167	50.00	ug/l		-0.02
34) 1,4-Difluorobenzene	8.22	114	118553	50.00	ug/l		0.00
63) Chlorobenzene-d5	12.36	117	88628	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	48685	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.46	65	55220	134.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 268.02%				
35) Dibromofluoromethane	6.92	113	54273	60.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 121.18%				
50) Toluene-d8	10.41	98	53316	25.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 50.24%				
62) 4-Bromofluorobenzene	13.55	95	37541	43.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.28%				
Target Compounds							Qvalue
16) Acetone	3.22	43	18160	178.813	ug/l		92
18) Methyl Acetate	3.64	43	3479	17.091	ug/l	#	88
20) Methylene Chloride	3.82	84	7050	10.326	ug/l	#	87
40) Benzene	7.45	78	2493	1.072	ug/l	#	51
52) Toluene	10.50	92	7686	5.157	ug/l		86
68) m/p-Xylenes	12.66	106	1668	1.680	ug/l		82
69) o-Xylene	13.05	106	2671	2.862	ug/l		84
84) 1,2,4-Trimethylbenzene	14.23	105	3302	1.311	ug/l		82
95) Naphthalene	16.12	128	12296	11.137	ug/l	#	96

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

Quantitation Report (QT Reviewed)

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Data File : VD061942.D
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ClientSampleId :
SU-02-041819-A

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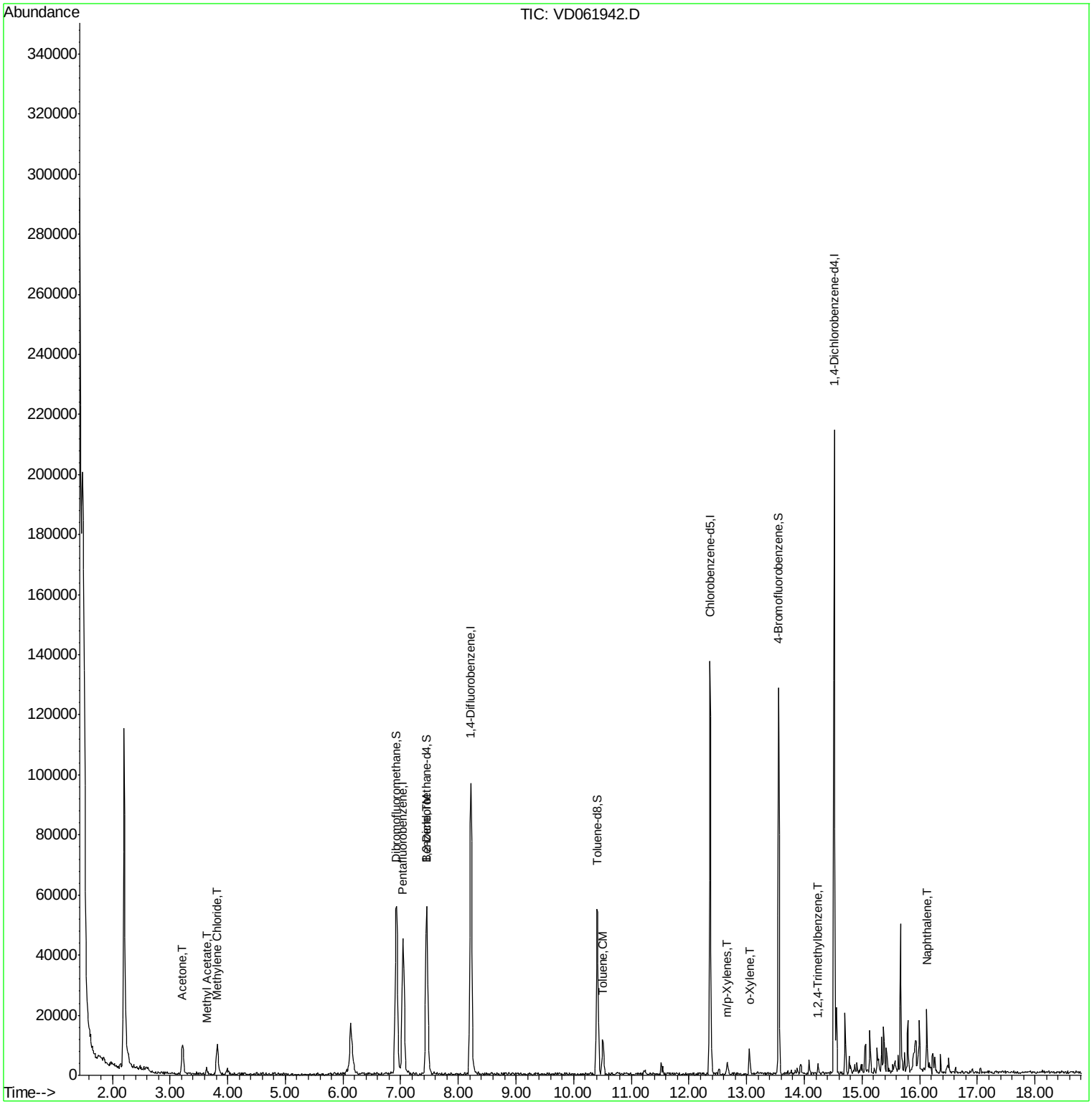
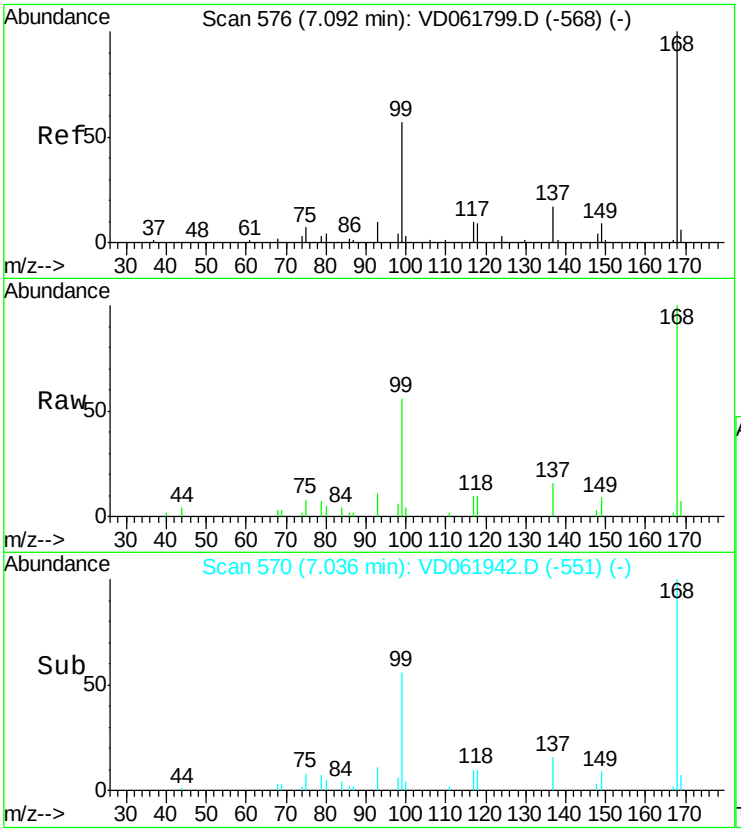
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration



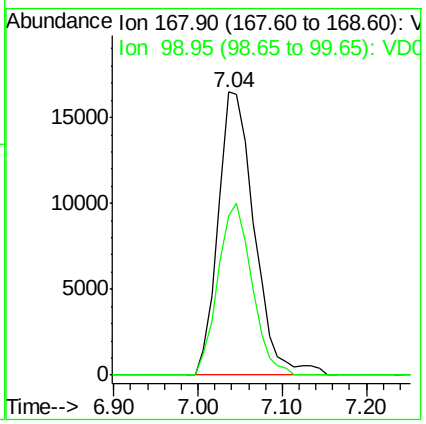


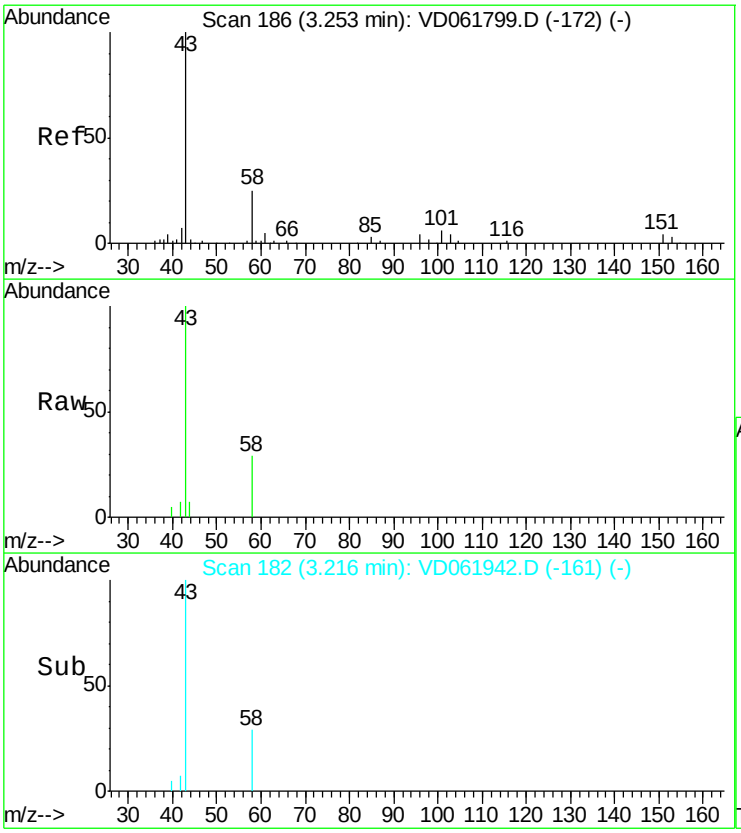
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.02 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-A

Tgt Ion:168 Resp: 49167

Ion	Ratio	Lower	Upper
168	100		
99	56.1	46.5	69.7

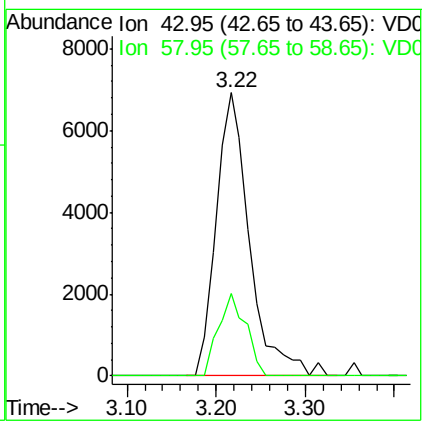


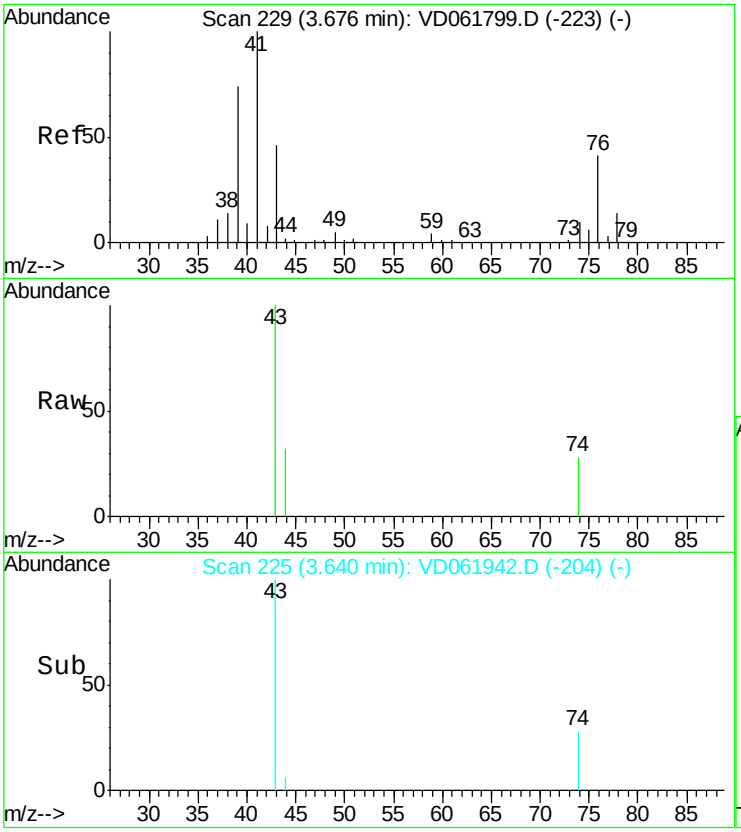


#16
Acetone
Concen: 178.813 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.00 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Tgt Ion: 43 Resp: 18160

Ion	Ratio	Lower	Upper
43	100		
58	29.1	19.9	29.9



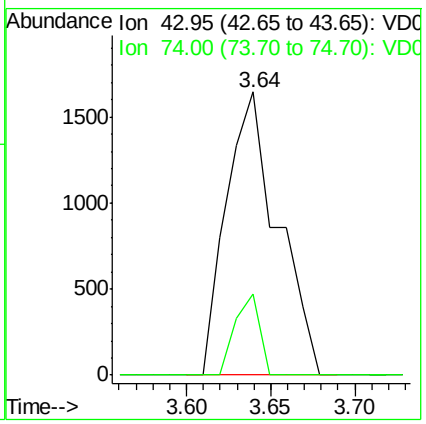


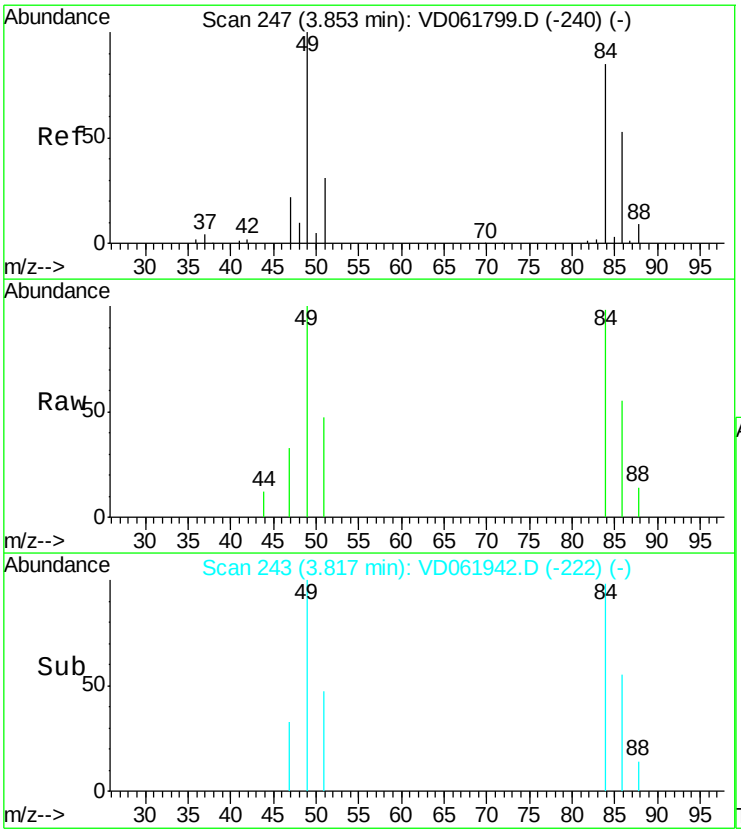
#18
Methyl Acetate
Concen: 17.091 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Instrument : MSVOA_D
ClientSampleId : SU-02-041819-A

Tgt Ion: 43 Resp: 3479

Ion	Ratio	Lower	Upper
43	100		
74	28.5	18.0	27.0#

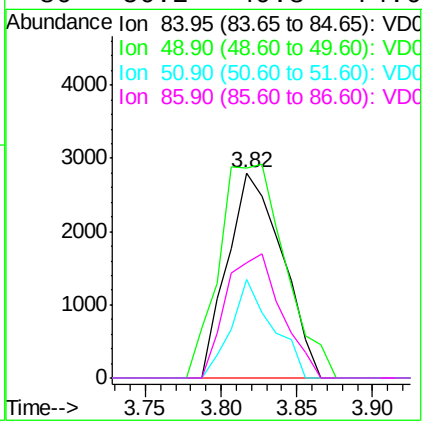


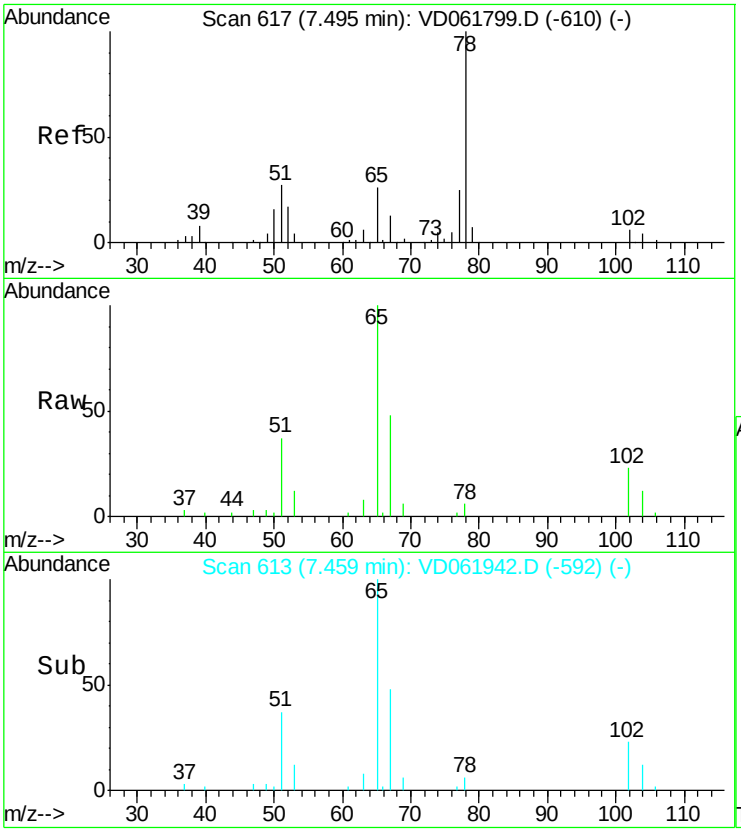


#20
Methylene Chloride
Concen: 10.326 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Tgt Ion: 84 Resp: 7050

Ion	Ratio	Lower	Upper
84	100		
49	102.1	94.0	141.0
51	48.3	29.0	43.4#
86	56.2	49.8	74.6



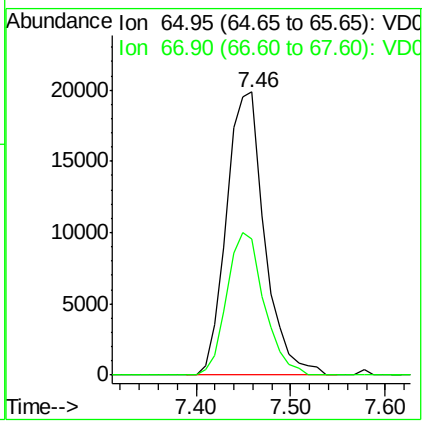


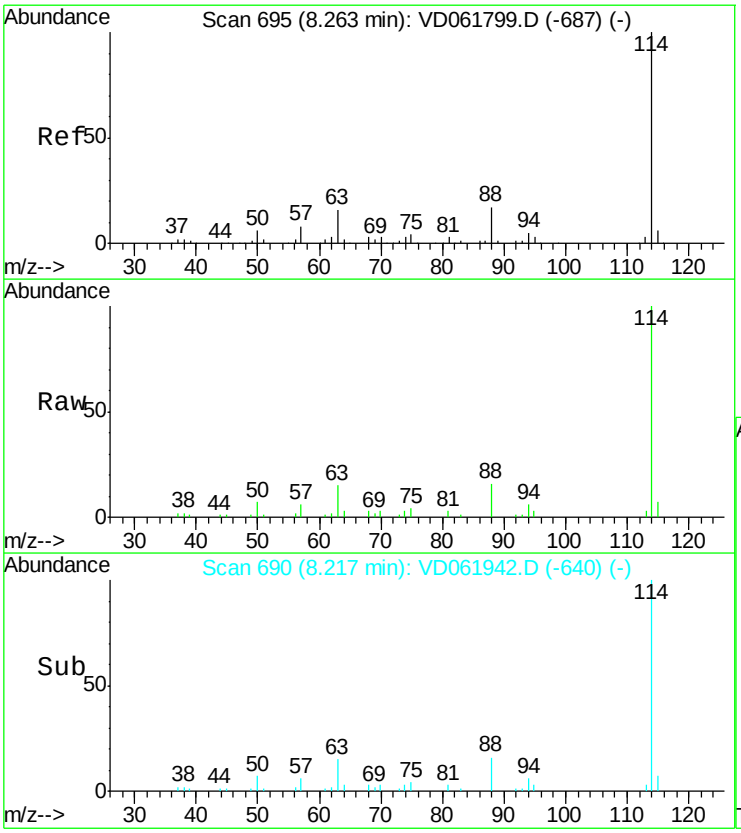
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-A

Tgt Ion: 65 Resp: 55220

Ion	Ratio	Lower	Upper
65	100		
67	48.3	0.0	98.0

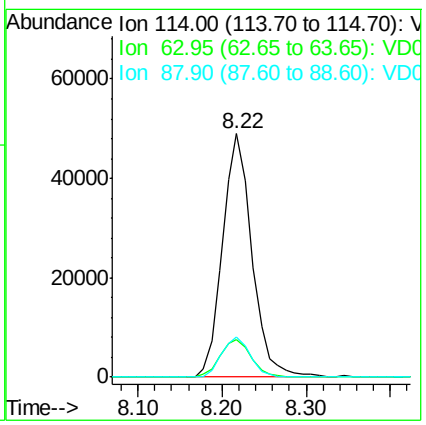


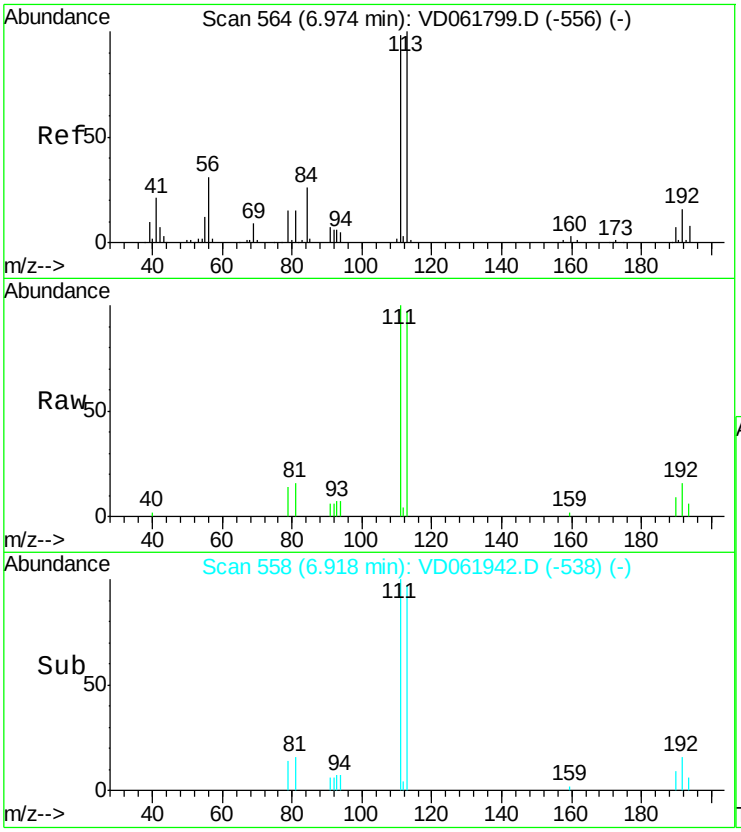


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.01 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Tgt Ion:114 Resp: 118553

Ion	Ratio	Lower	Upper
114	100		
63	15.3	0.0	32.4
88	16.5	0.0	33.6



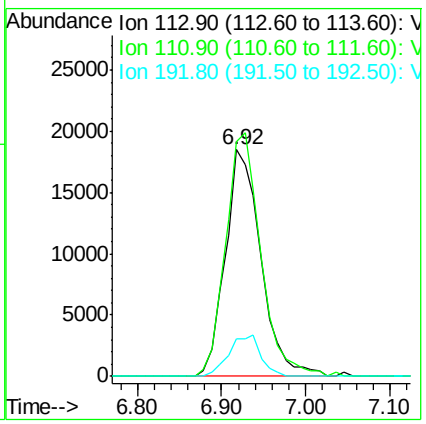


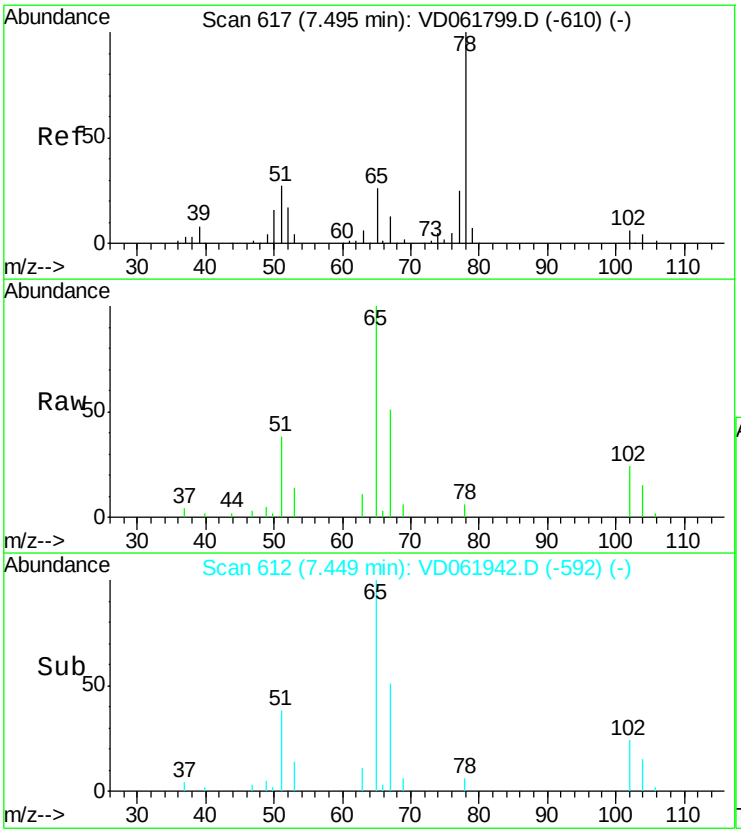
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-A

Tgt Ion:113 Resp: 54273

Ion	Ratio	Lower	Upper
113	100		
111	103.4	78.5	117.7
192	16.3	13.0	19.4

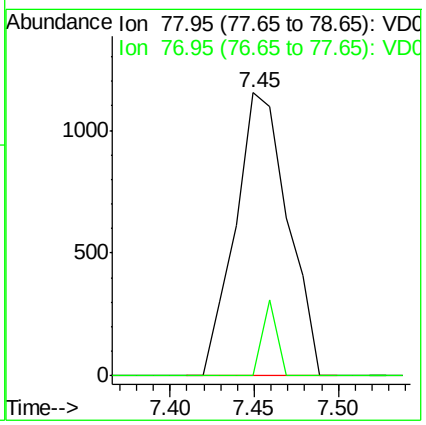


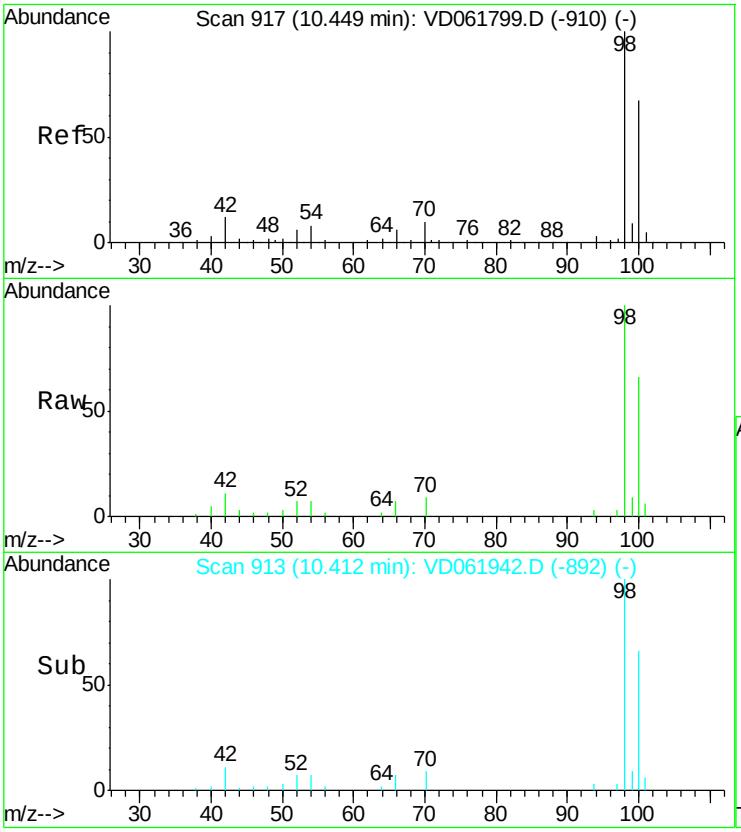


#40
Benzene
Concen: 1.072 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Tgt Ion: 78 Resp: 2493

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.7	29.5#



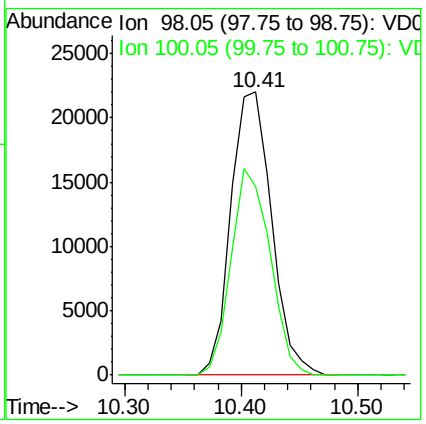


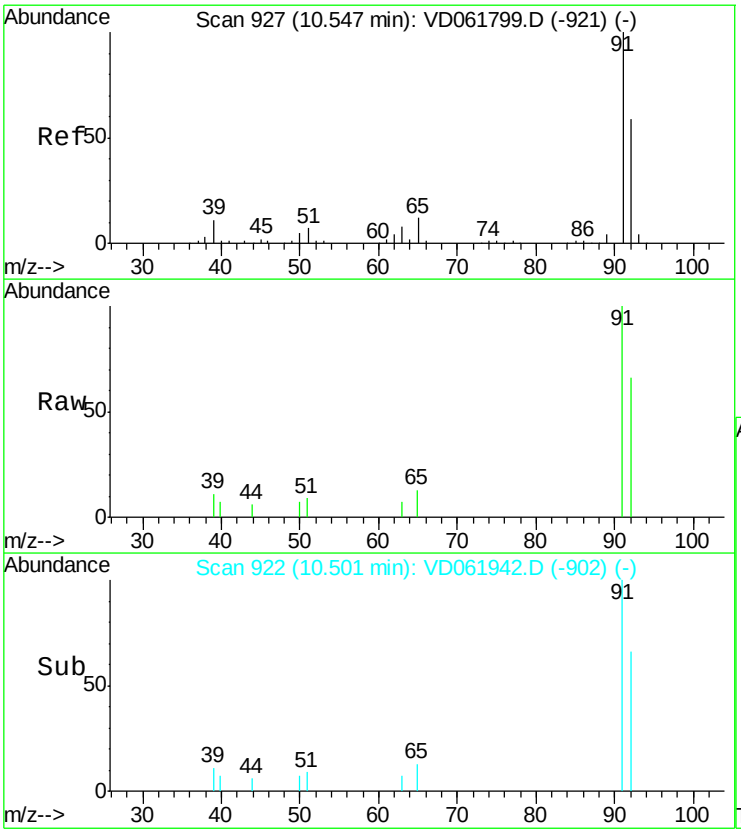
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-A

Tgt Ion: 98 Resp: 53316

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.8	80.8

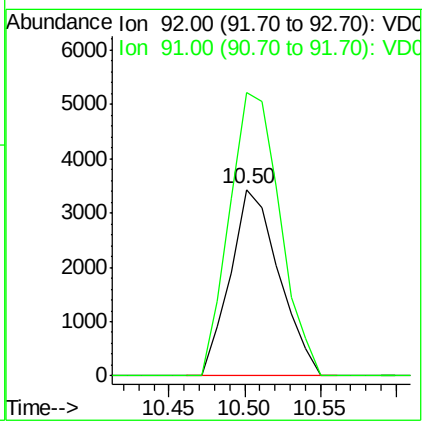


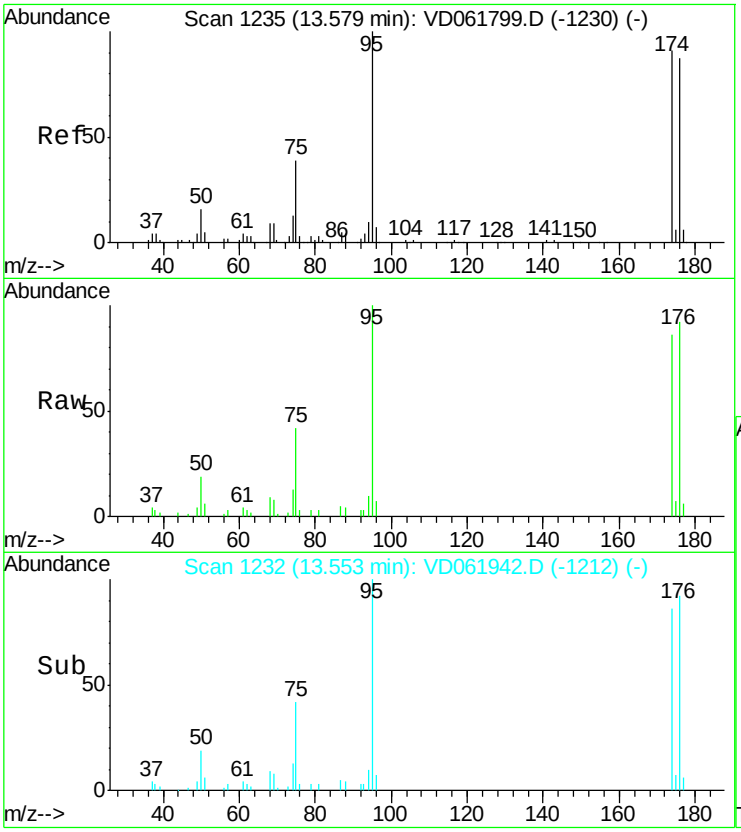


#52
Toluene
Concen: 5.157 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.01 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Tgt Ion: 92 Resp: 7686

Ion	Ratio	Lower	Upper
92	100		
91	151.8	136.6	204.8



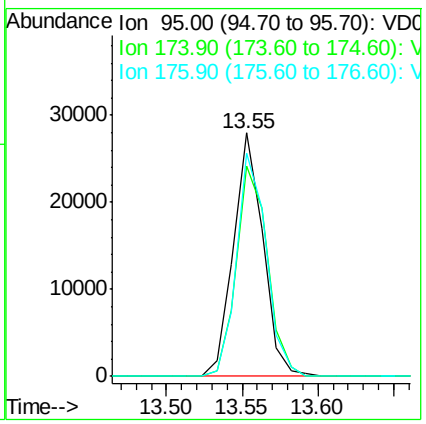


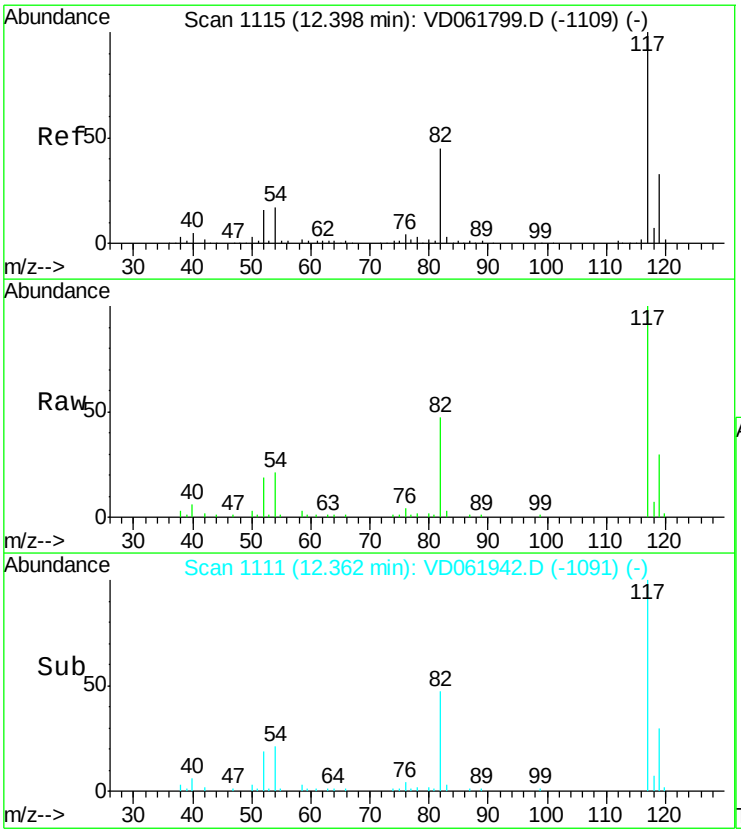
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-A

Tgt Ion: 95 Resp: 37541

Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	181.8
176	91.8	0.0	174.4

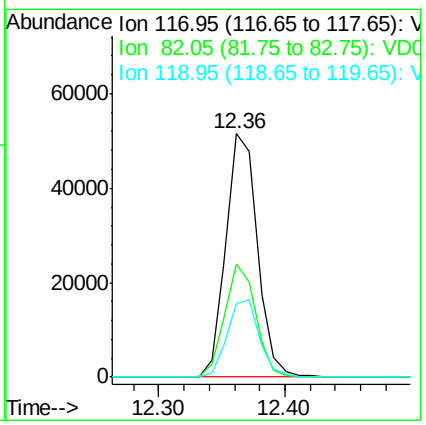


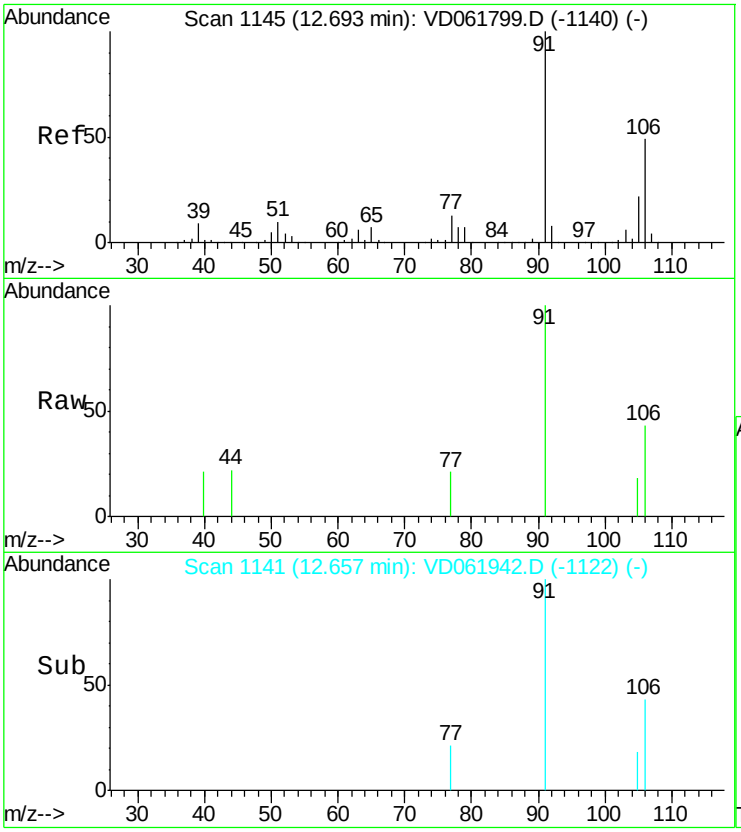


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Tgt Ion:117 Resp: 88628

Ion	Ratio	Lower	Upper
117	100		
82	46.5	36.2	54.2
119	30.4	26.2	39.4



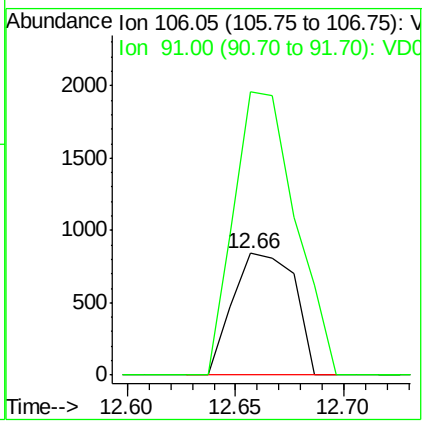


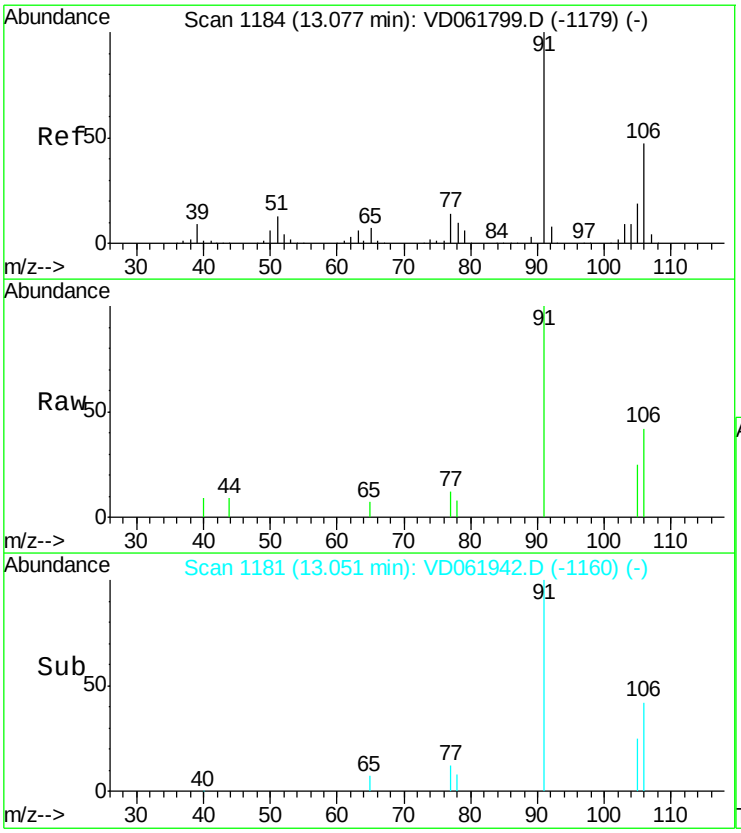
#68
m/p-Xylenes
Concen: 1.680 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.02 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-A

Tgt Ion:106 Resp: 1668

Ion	Ratio	Lower	Upper
106	100		
91	232.4	164.0	246.0

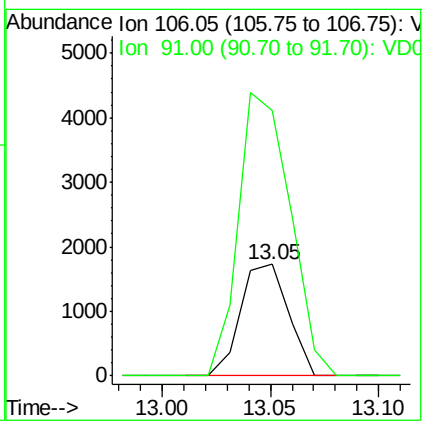


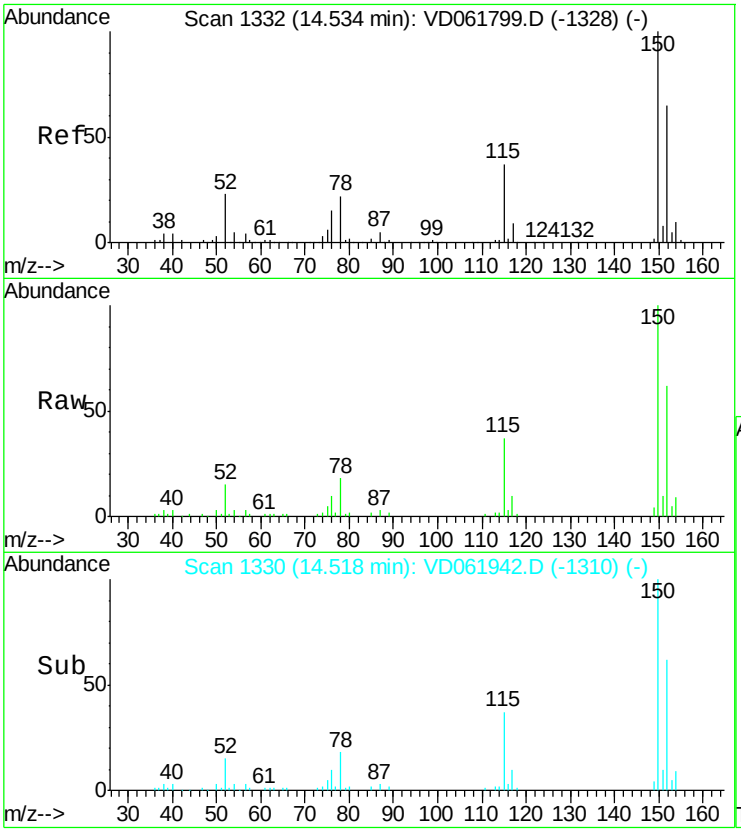


#69
o-Xylene
Concen: 2.862 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Tgt Ion:106 Resp: 2671

Ion	Ratio	Lower	Upper
106	100		
91	238.4	106.7	319.9



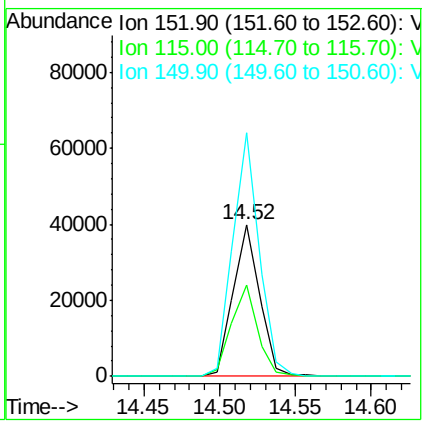


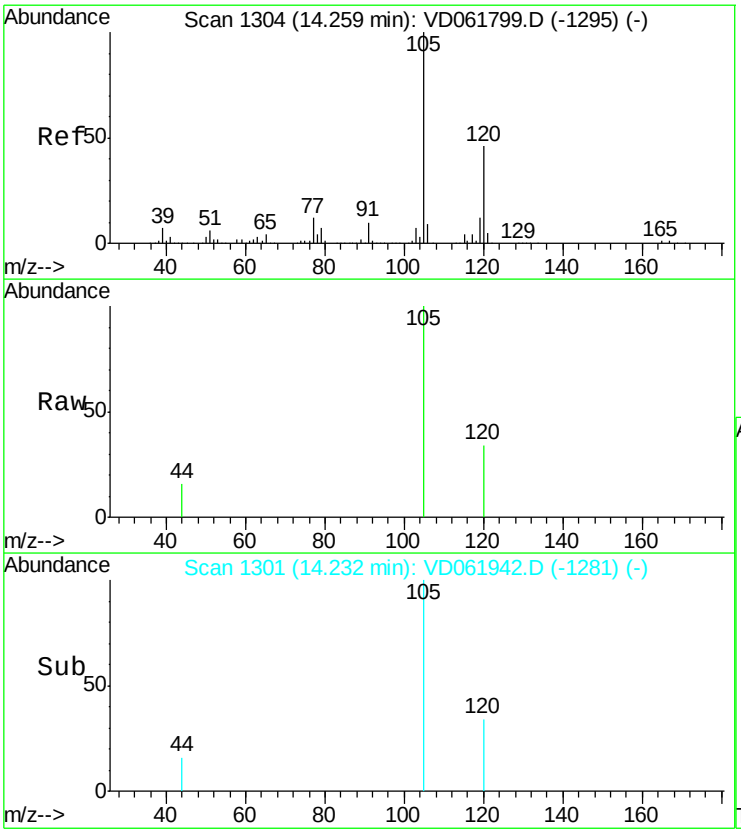
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Instrument : MSVOA_D
ClientSampleId : SU-02-041819-A

Tgt Ion:152 Resp: 48685

Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.9	92.7
150	160.3	0.0	314.8

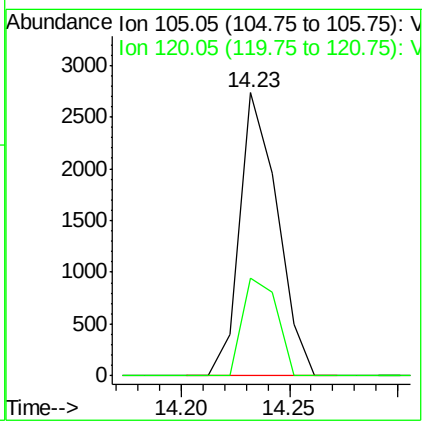


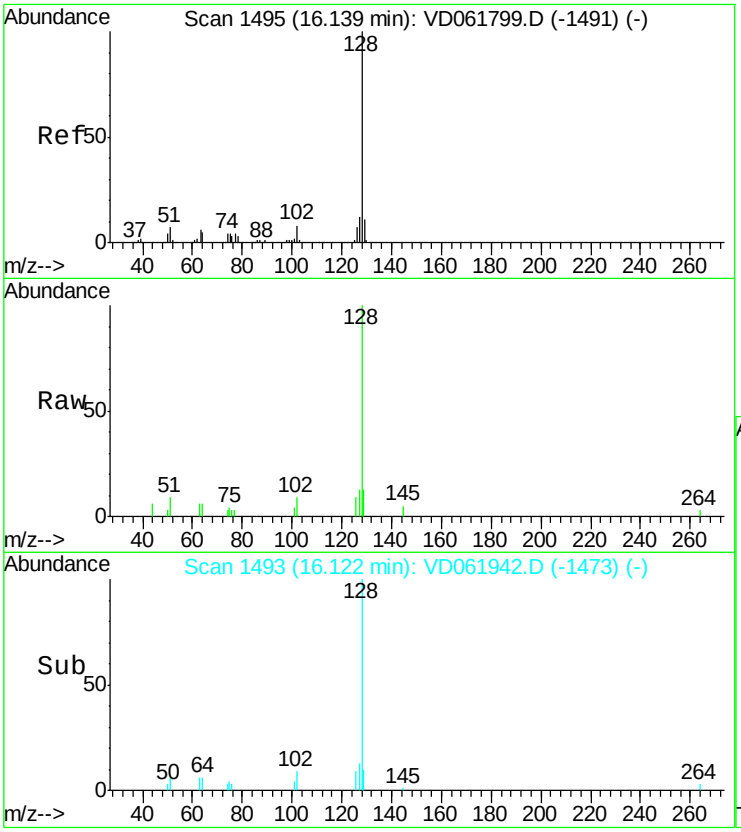


#84
1,2,4-Trimethylbenzene
Concen: 1.311 ug/l
RT: 14.23 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Tgt Ion:105 Resp: 3302

Ion	Ratio	Lower	Upper
105	100		
120	34.4	23.1	69.2





#95
Naphthalene
Concen: 11.137 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD061942.D
Acq: 22 Apr 2019 16:50

Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-A

Tgt Ion:128 Resp: 12296

Ion	Ratio	Lower	Upper
128	100		
127	13.2	9.8	14.8
129	13.3	8.8	13.2#