Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042319\
Data File : VD061979.D
Acq On : 23 Apr 2019 19:39
Operator : VA/AP
Sample : K2539-02
Misc : 4.41g/5ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-SF-03-006-A

Quant Time: Apr 24 02:37:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	434128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	706701	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	507707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	148971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	180281	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.12%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	10.41	98	504860	43.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.82%			
62) 4-Bromofluorobenzene	13.55	95	166907	35.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.56%			
Target Compounds						Qvalue
16) Acetone	3.22	43	63637	78.441	ug/l	96
52) Toluene	10.51	92	16037	1.845	ug/l	98
68) m/p-Xylenes	12.67	106	21695	3.833	ug/l	82
69) o-Xylene	13.05	106	7765	1.500	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	15558	1.963	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	45372	5.997	ug/l	97
95) Naphthalene	16.12	128	25637	7.146	ug/l	96

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

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FK-SF-03-006-A

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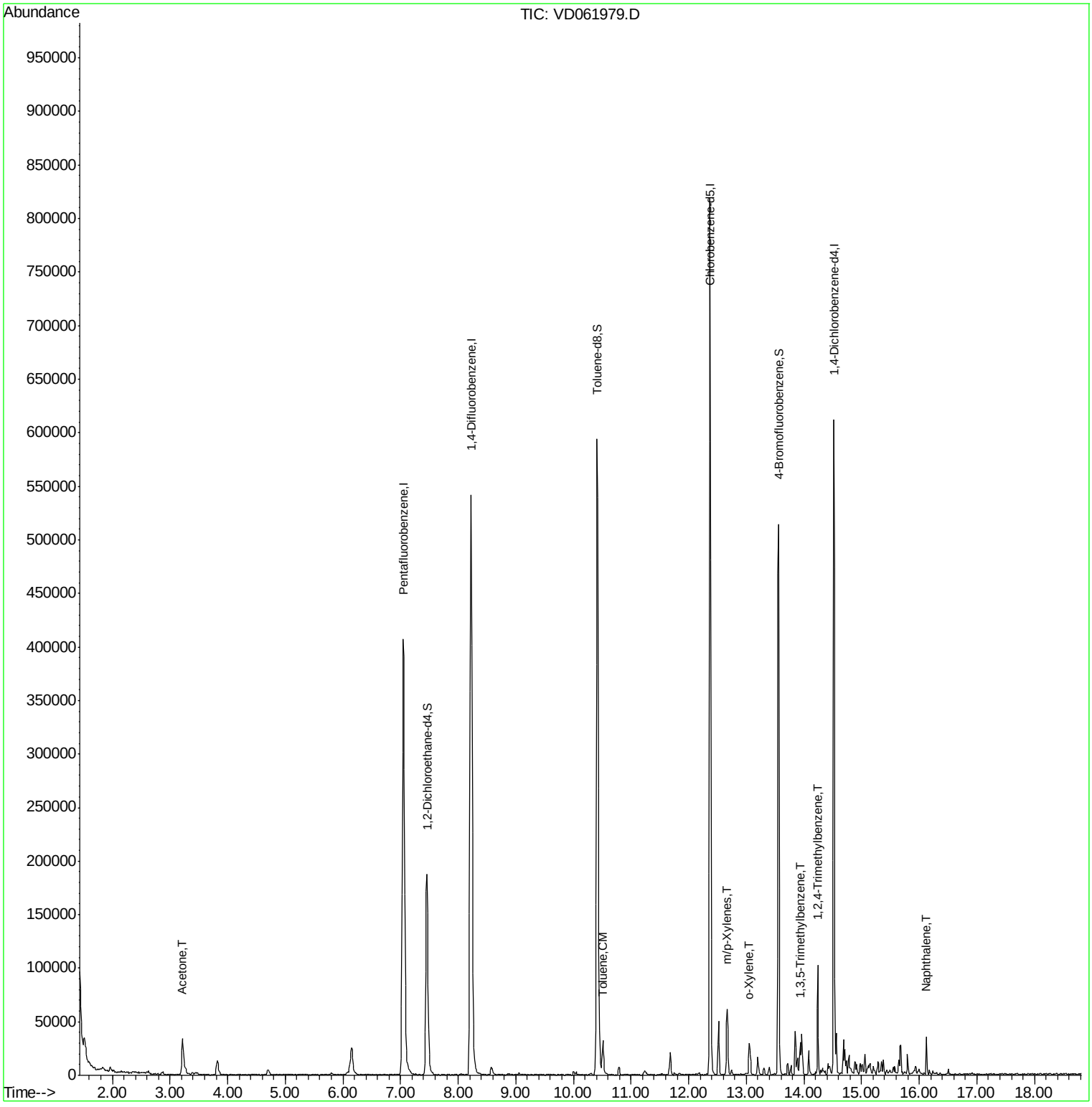
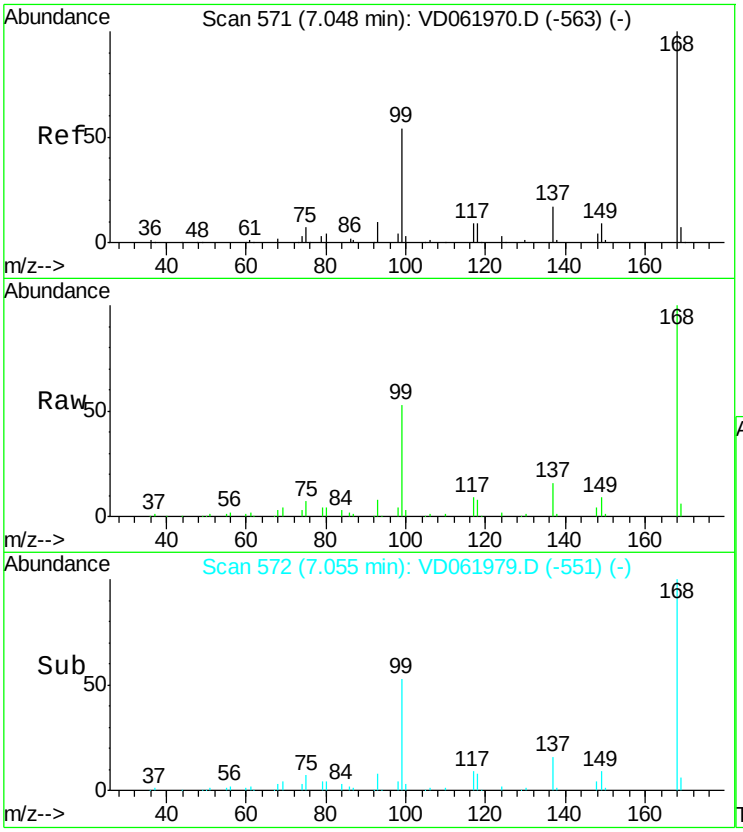


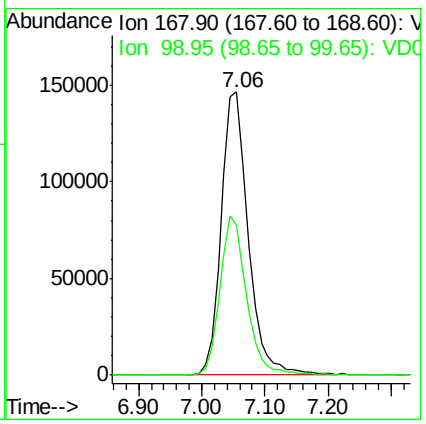


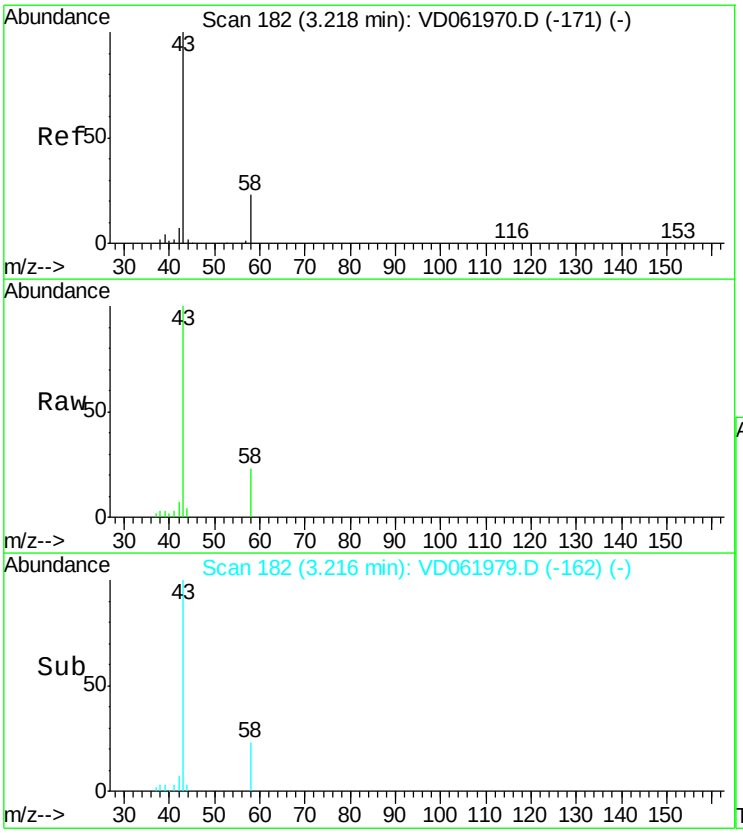
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.00 min
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:168 Resp: 434128

Ion	Ratio	Lower	Upper
168	100		
99	52.9	46.5	69.7

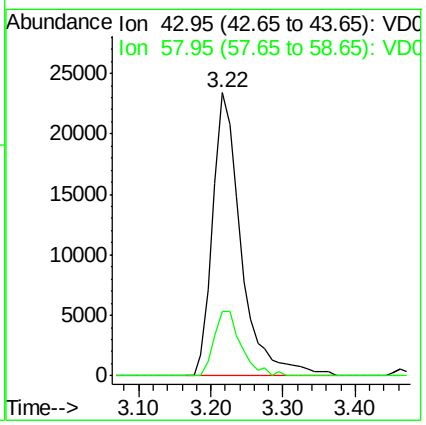


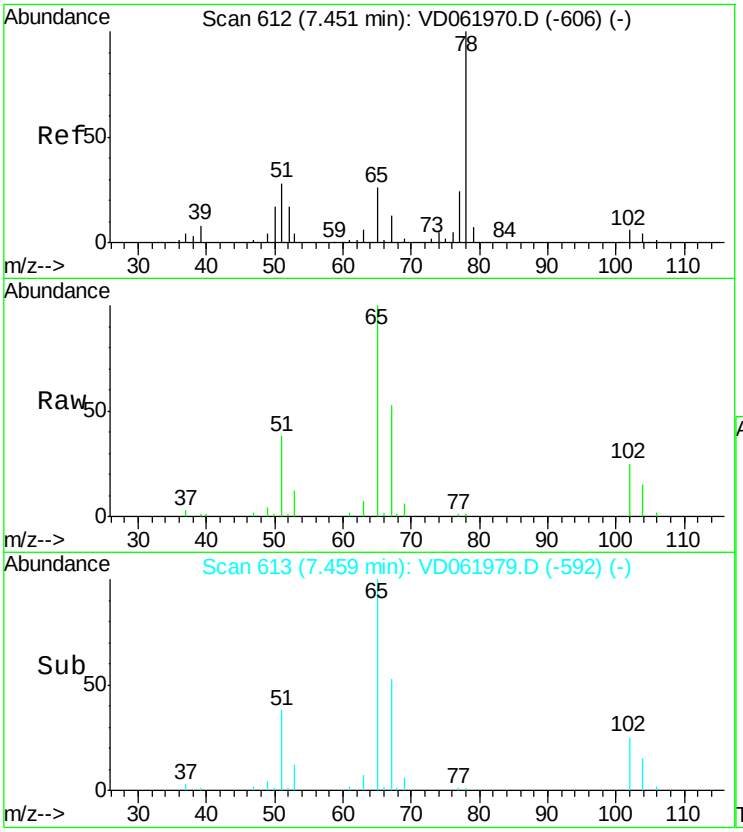


#16
Acetone
Concen: 78.441 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Tgt Ion: 43 Resp: 63637

Ion	Ratio	Lower	Upper
43	100		
58	23.0	19.9	29.9



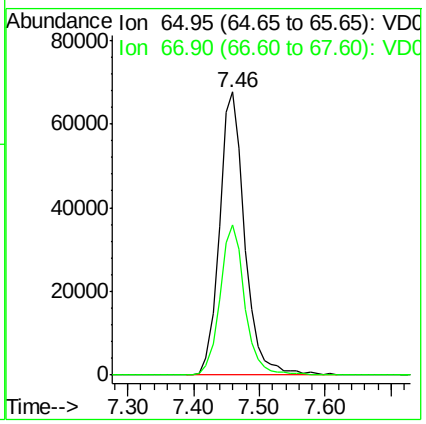


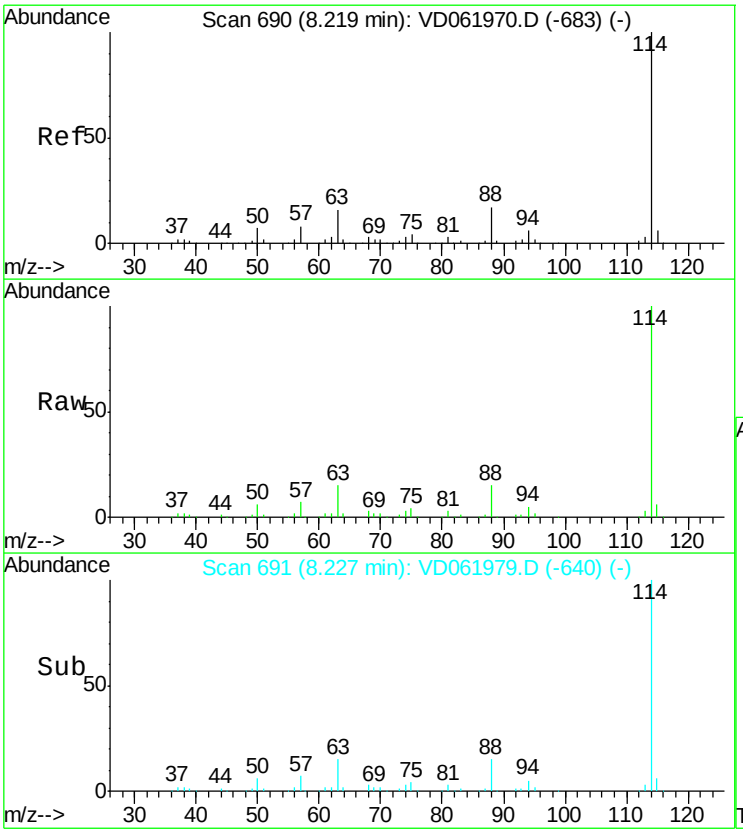
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-A

Tgt Ion: 65 Resp: 180281

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	98.0

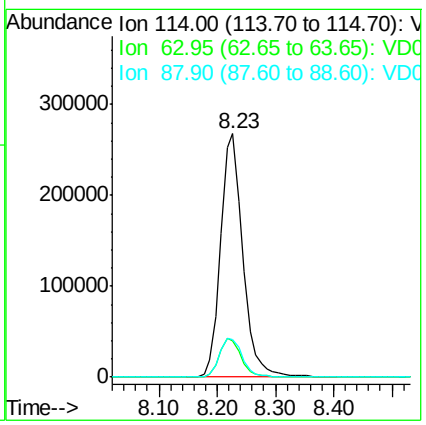


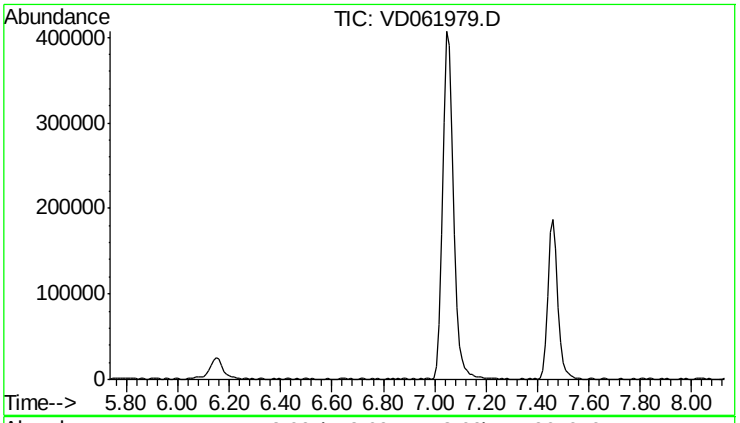


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.00 min
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Tgt Ion:114 Resp: 706701

Ion	Ratio	Lower	Upper
114	100		
63	14.7	0.0	32.4
88	15.4	0.0	33.6





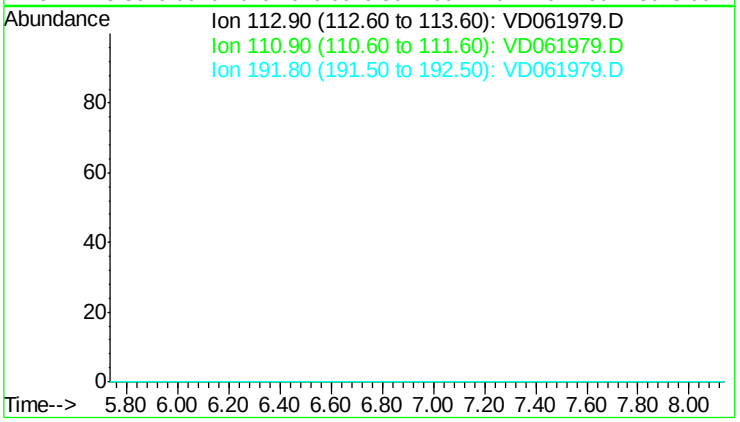
#35
Dibromofluoromethane
Concen: 50.000 ug/l
Expected RT: 6.93 min

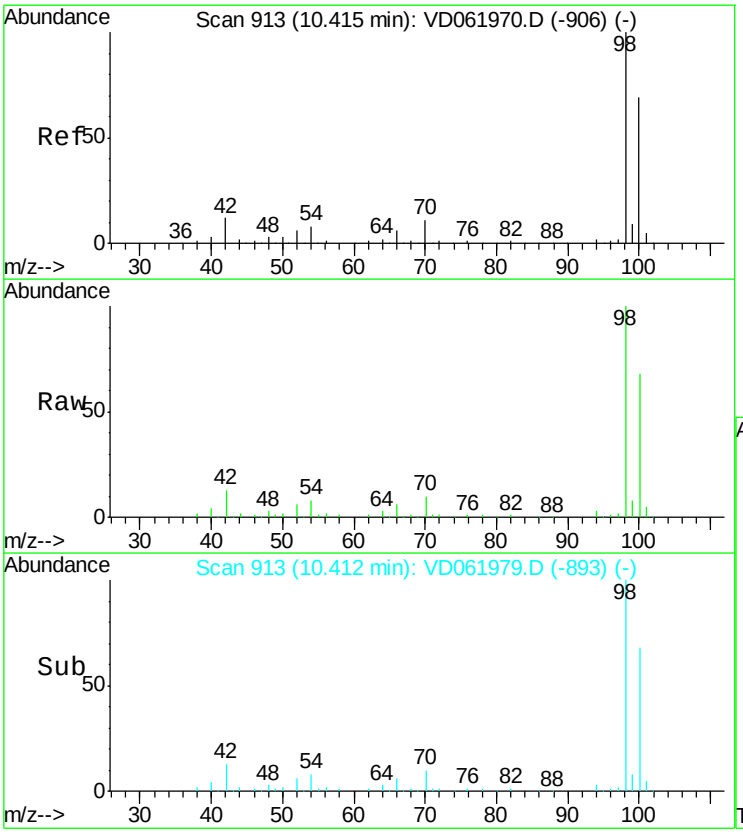
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-A

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	98.1
192	16.2

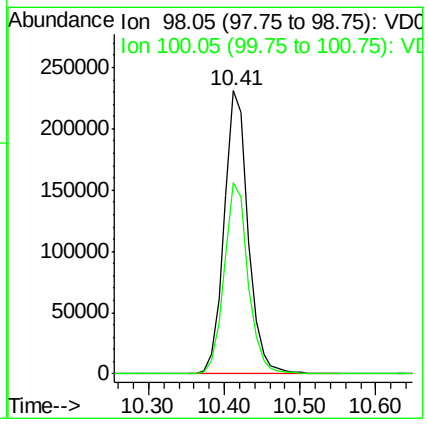


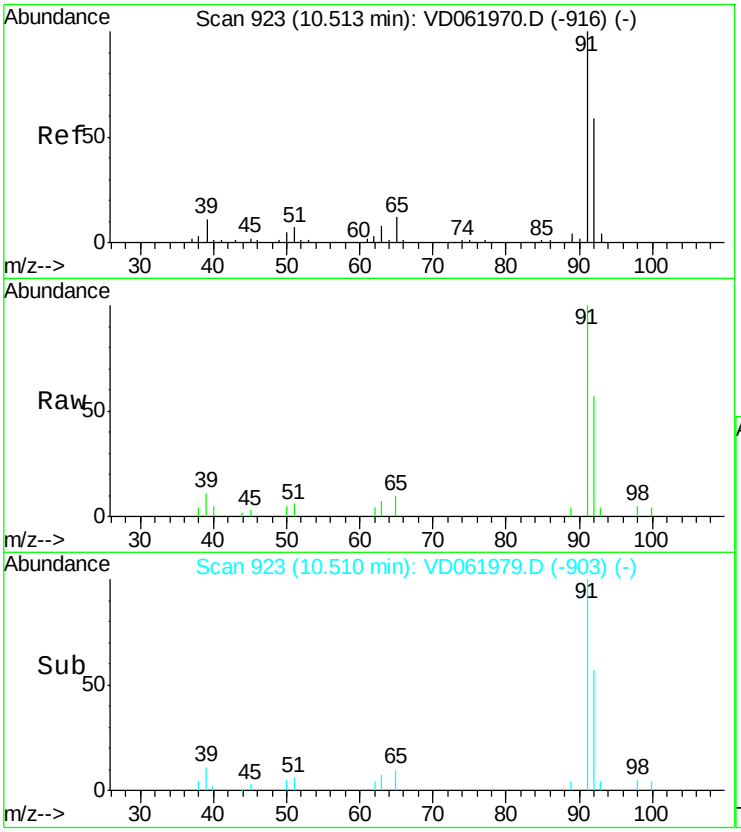


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Tgt Ion: 98 Resp: 504860

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.8	80.8



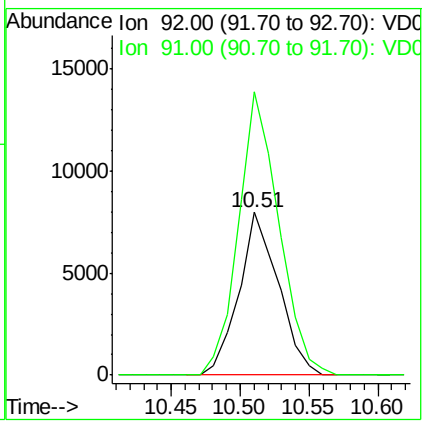


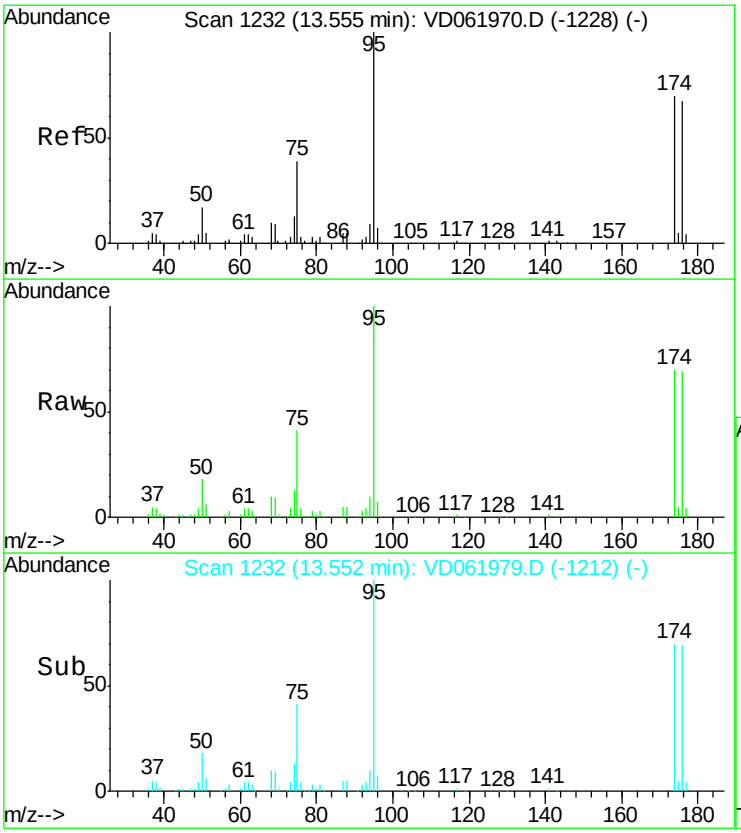
#52
Toluene
Concen: 1.845 ug/l
RT: 10.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-A

Tgt Ion: 92 Resp: 16037

Ion	Ratio	Lower	Upper
92	100		
91	174.0	136.6	204.8

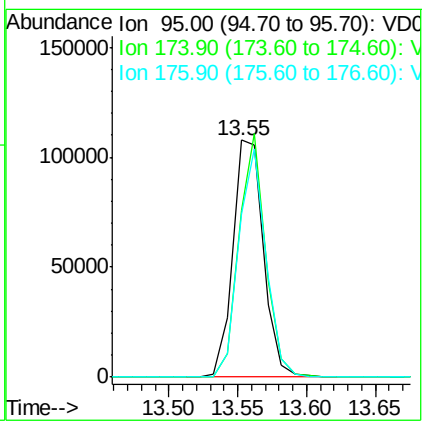


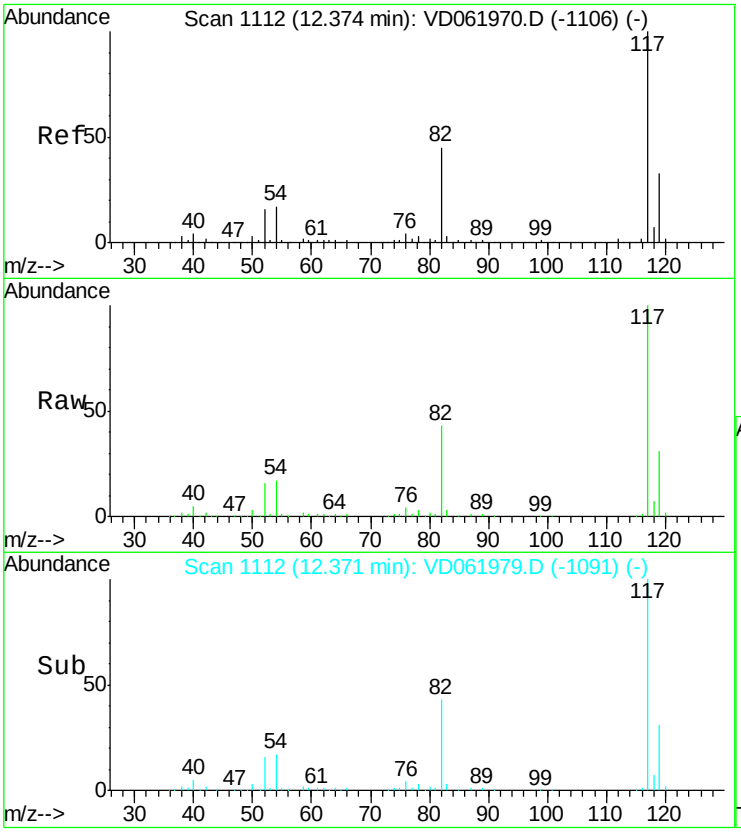


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Tgt Ion: 95 Resp: 166907

Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	181.8
176	68.5	0.0	174.4



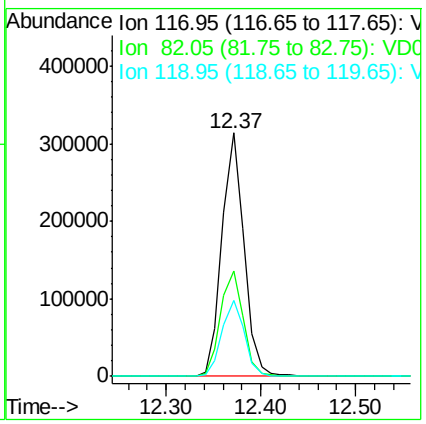


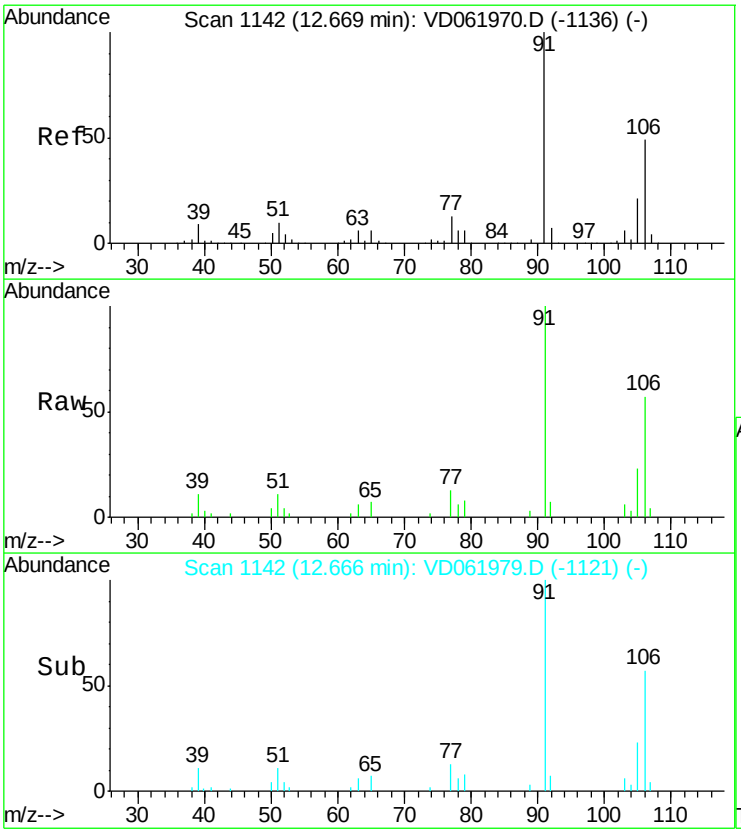
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Instrument : MSVOA_D
ClientSampleId : FK-SF-03-006-A

Tgt Ion:117 Resp: 507707

Ion	Ratio	Lower	Upper
117	100		
82	43.2	36.2	54.2
119	31.0	26.2	39.4

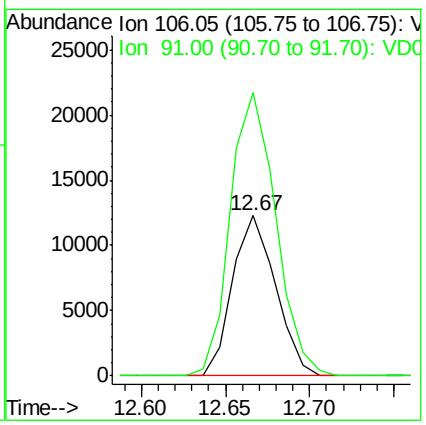


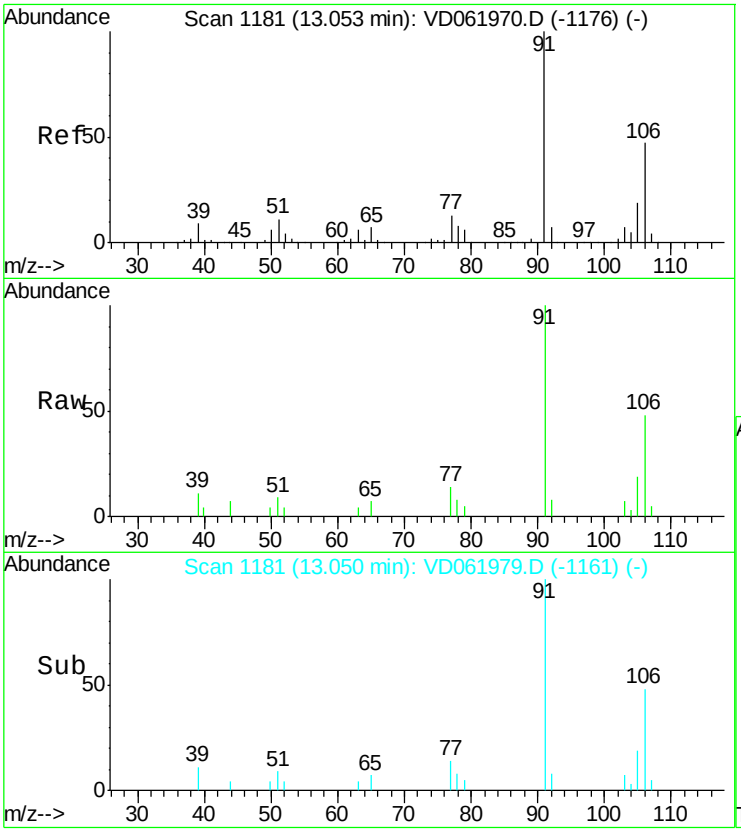


#68
m/p-Xylenes
Concen: 3.833 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Tgt Ion:106 Resp: 21695

Ion	Ratio	Lower	Upper
106	100		
91	176.7	164.0	246.0



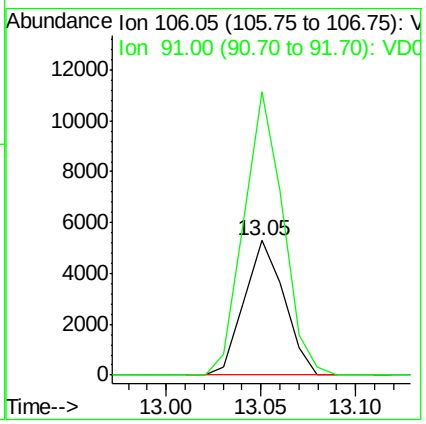


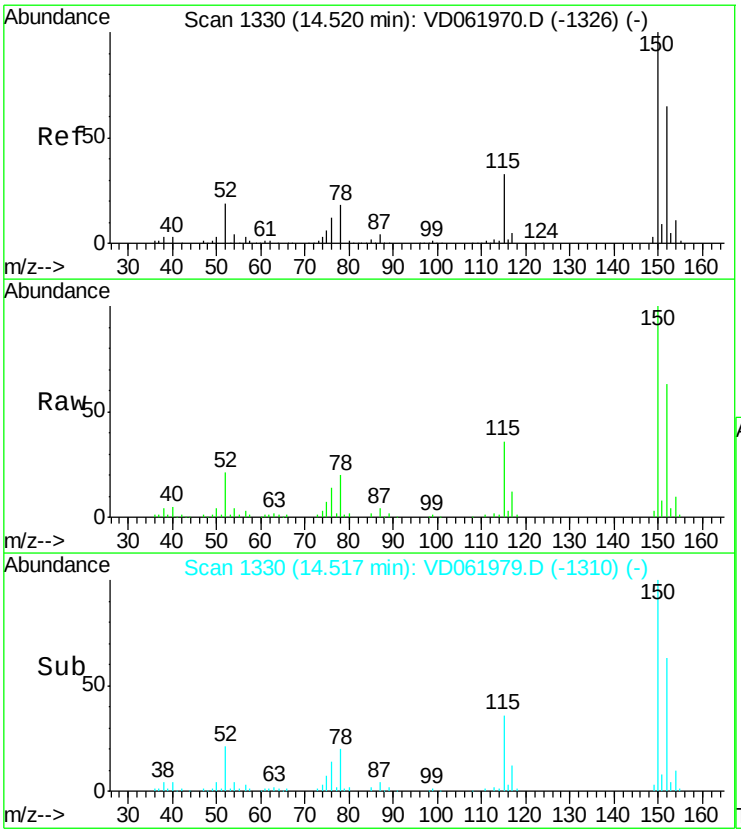
#69
o-Xylene
Concen: 1.500 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:106 Resp: 7765

Ion	Ratio	Lower	Upper
106	100		
91	210.1	106.7	319.9

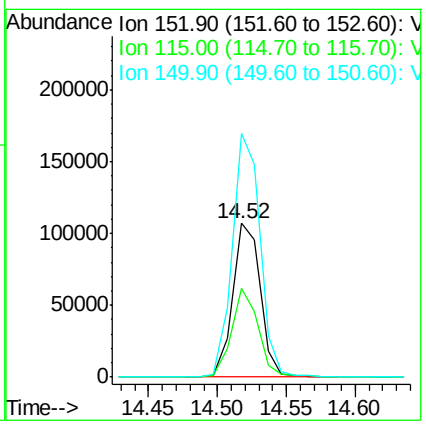


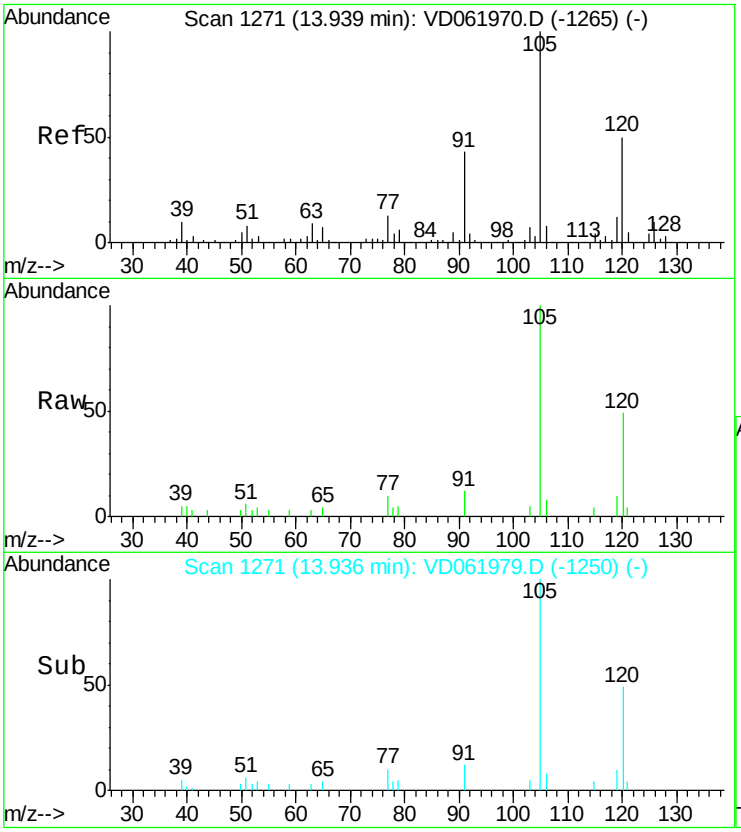


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Tgt Ion:152 Resp: 148971

Ion	Ratio	Lower	Upper
152	100		
115	57.7	30.9	92.7
150	158.3	0.0	314.8



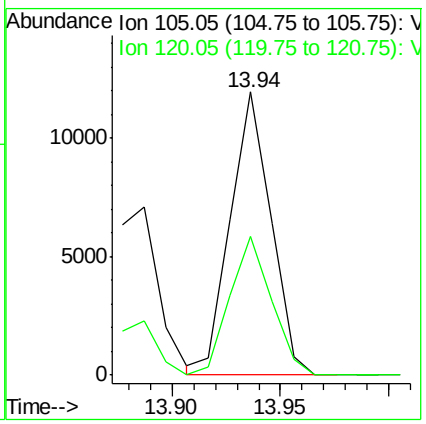


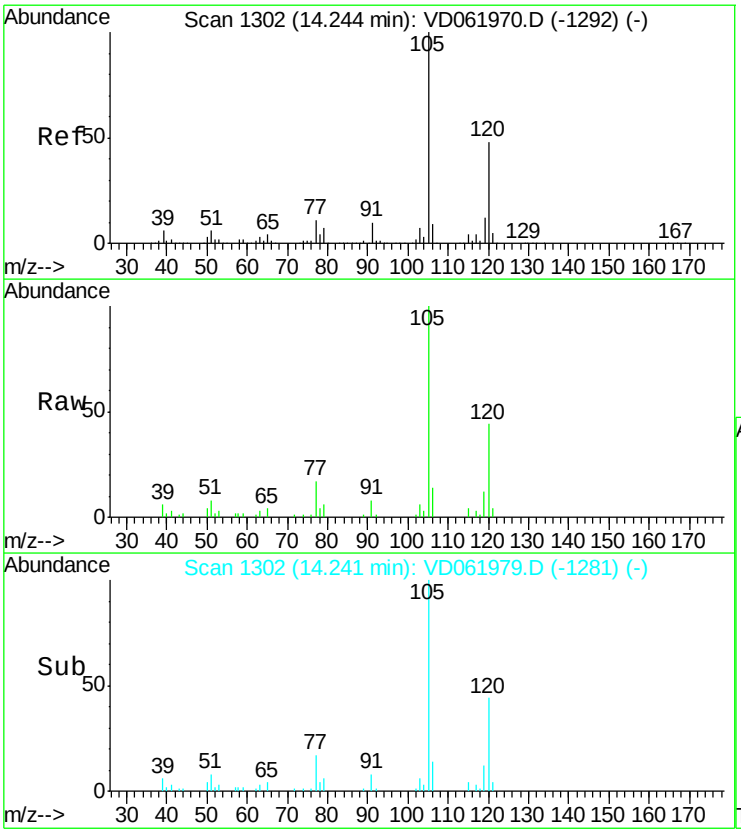
#80
1,3,5-Trimethylbenzene
Concen: 1.963 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:105 Resp: 15558

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.0	72.0

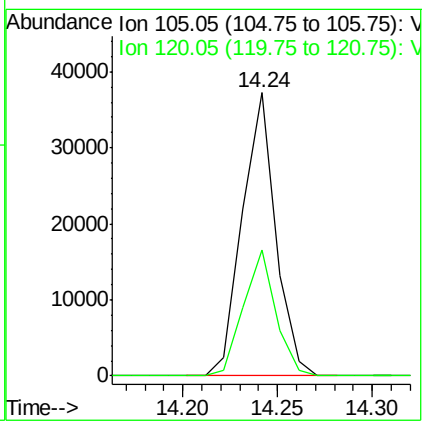


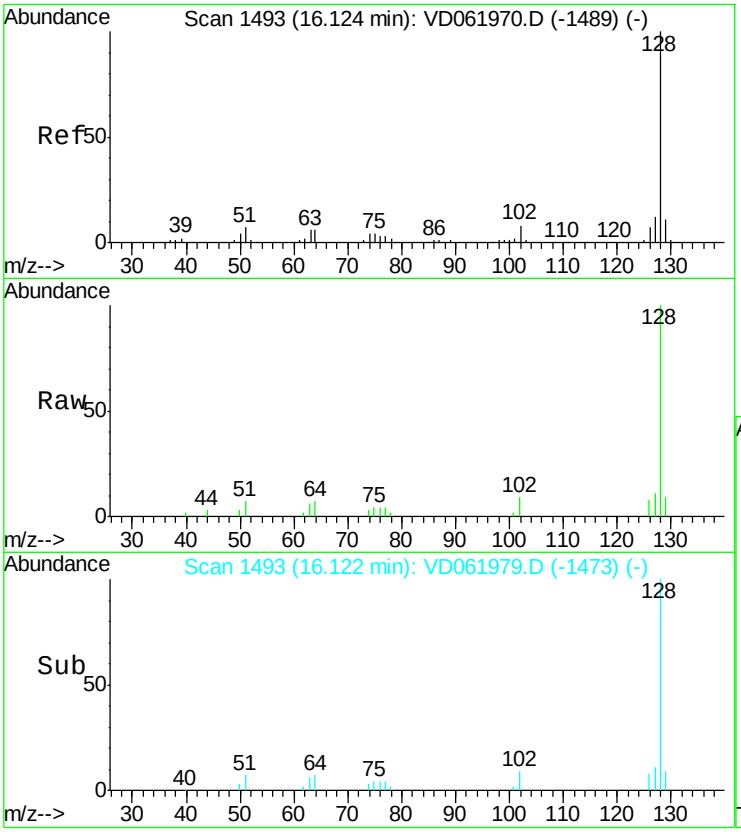


#84
1,2,4-Trimethylbenzene
Concen: 5.997 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Tgt Ion:105 Resp: 45372

Ion	Ratio	Lower	Upper
105	100		
120	44.4	23.1	69.2





#95
Naphthalene
Concen: 7.146 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD061979.D
Acq: 23 Apr 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-A

Tgt Ion:128 Resp: 25637

Ion	Ratio	Lower	Upper
128	100		
127	11.2	9.8	14.8
129	9.2	8.8	13.2