Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110718\
Data File : VF060641.D
Acq On : 7 Nov 2018 21:13
Operator : VA/AP
Sample : J5839-03RE
Misc : 5.02g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-4RE

Quant Time: Nov 08 16:07:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.87	168	271620	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.60	114	459597	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.78	117	399421	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	185676	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.85	65	115570	42.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.22%				
35) Dibromofluoromethane	4.12	113	137961	38.85	ug/l		0.01
Spiked Amount 50.000			Recovery = 77.70%				
50) Toluene-d8	7.56	98	335013	31.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 63.70%				
62) 4-Bromofluorobenzene	11.42	95	144300	31.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 62.72%				
Target Compounds							Qvalue
31) Cyclohexane	3.70	56	71931	13.194	ug/l		99
39) Methylcyclohexane	5.46	83	148101	23.982	ug/l		97
40) Benzene	4.64	78	694659	56.552	ug/l		99
52) Toluene	7.63	92	12052	1.506	ug/l		88
68) m/p-Xylenes	10.14	106	45383	8.128	ug/l		87
69) o-Xylene	10.72	106	19045	3.124	ug/l		81
73) Isopropylbenzene	11.13	105	42581	2.941	ug/l		93
78) n-propylbenzene	11.60	91	53406	3.152	ug/l		98
80) 1,3,5-Trimethylbenzene	11.83	105	13823	1.158	ug/l		96
84) 1,2,4-Trimethylbenzene	12.21	105	86040	7.361	ug/l		89
95) Naphthalene	14.46	128	1981799	250.499	ug/l	#	94

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

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ClientSampleId :
SB-4RE

Quant Time: Nov 08 16:07:08 2018
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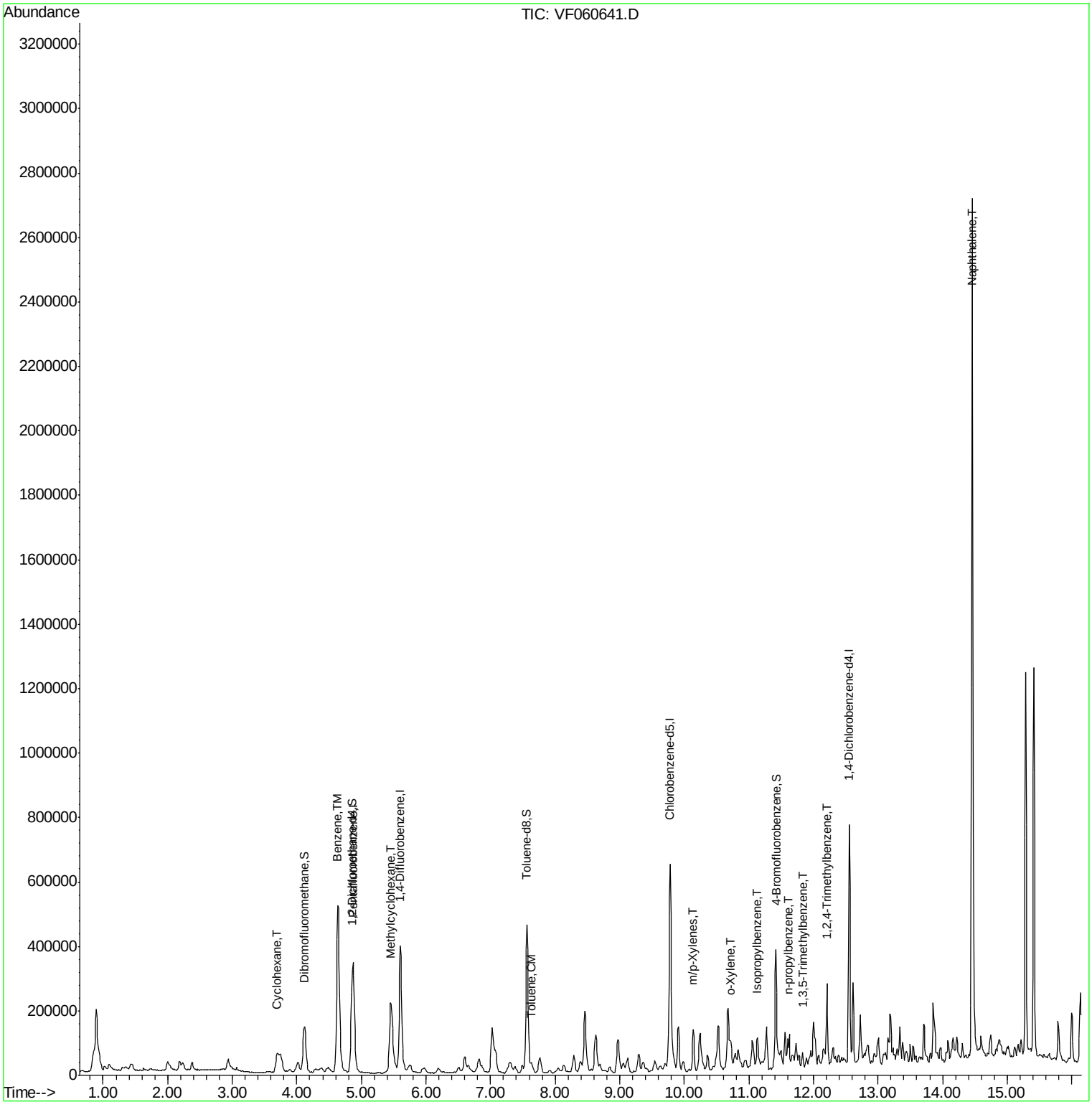
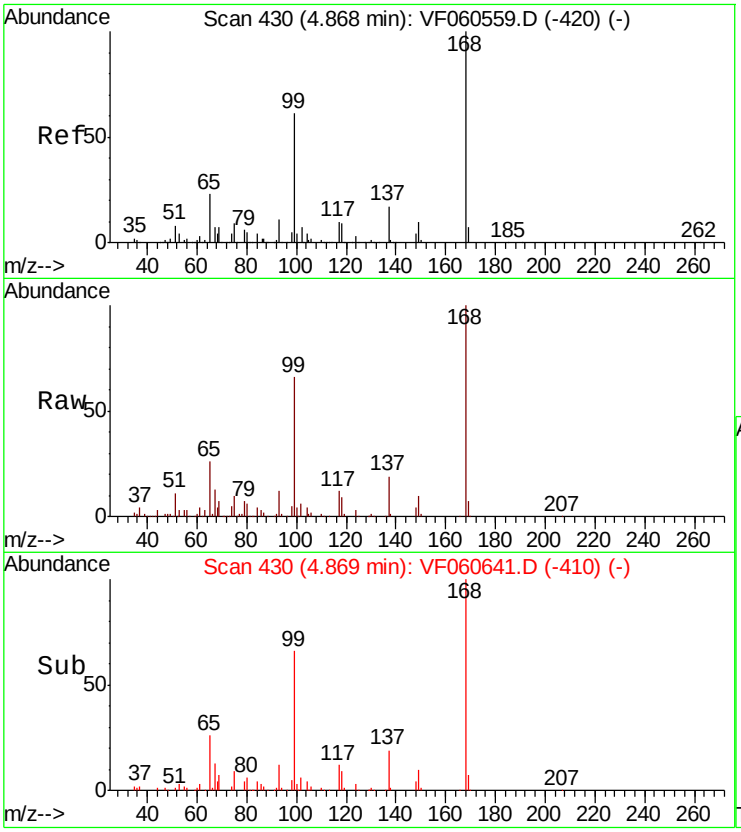
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration



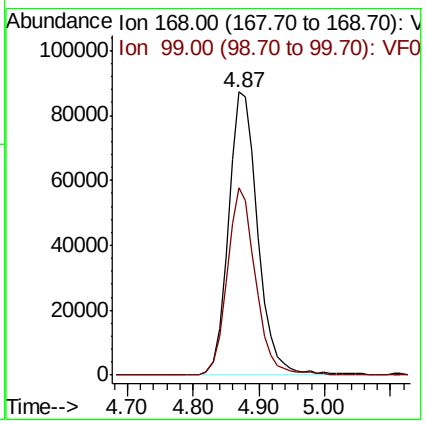


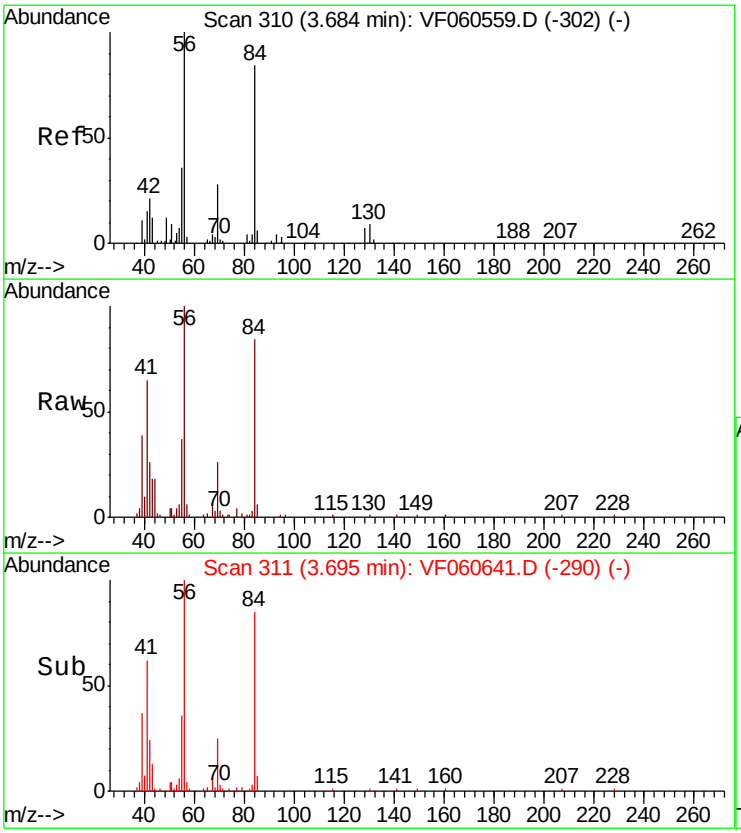
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.00 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Instrument :
MSVOA_F
ClientSampleId :
SB-4RE

Tgt Ion:168 Resp: 271620

Ion	Ratio	Lower	Upper
168	100		
99	66.2	48.6	72.8

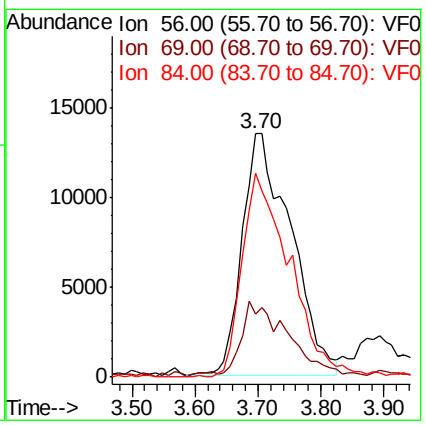


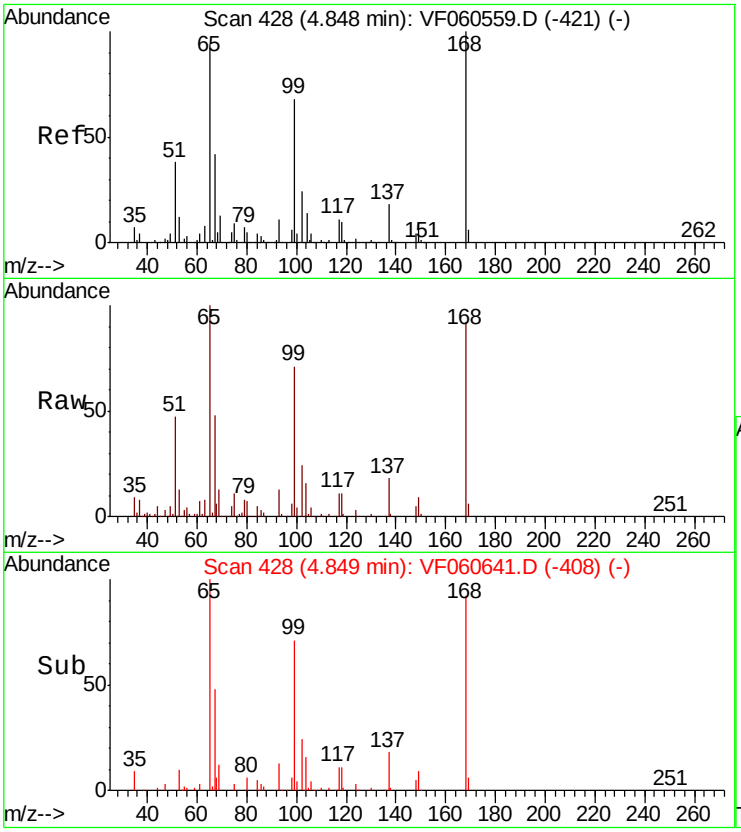


#31
Cyclohexane
Concen: 13.194 ug/l
RT: 3.70 min Scan# 311
Delta R.T. 0.01 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Tgt Ion: 56 Resp: 71931

Ion	Ratio	Lower	Upper
56	100		
69	26.2	23.0	34.4
84	83.6	67.1	100.7



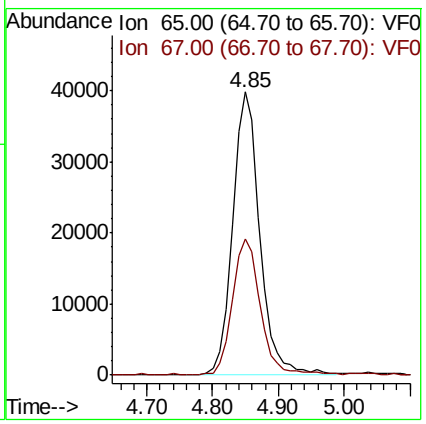


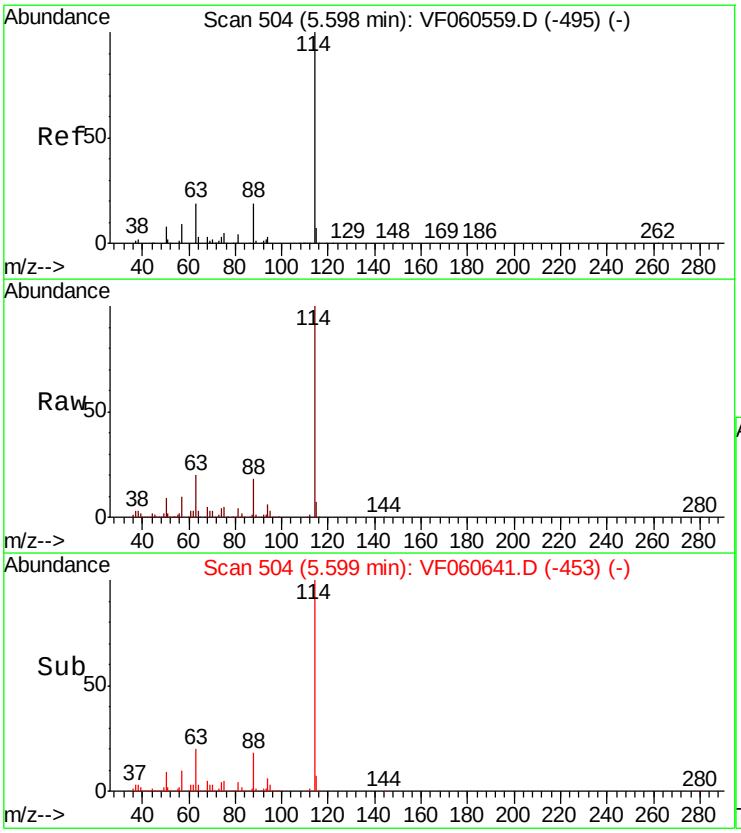
#33
1,2-Dichloroethane-d4
Concen: 42.112 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.00 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Instrument :
MSVOA_F
ClientSampleId :
SB-4RE

Tgt Ion: 65 Resp: 115570

Ion	Ratio	Lower	Upper
65	100		
67	48.3	0.0	101.8

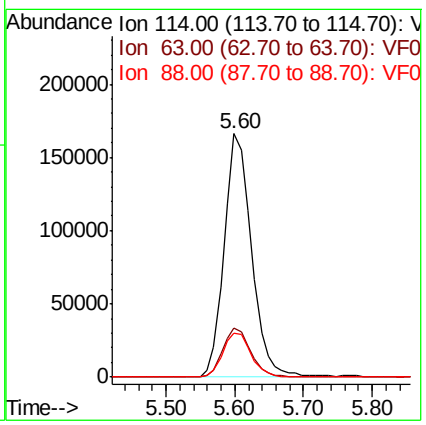


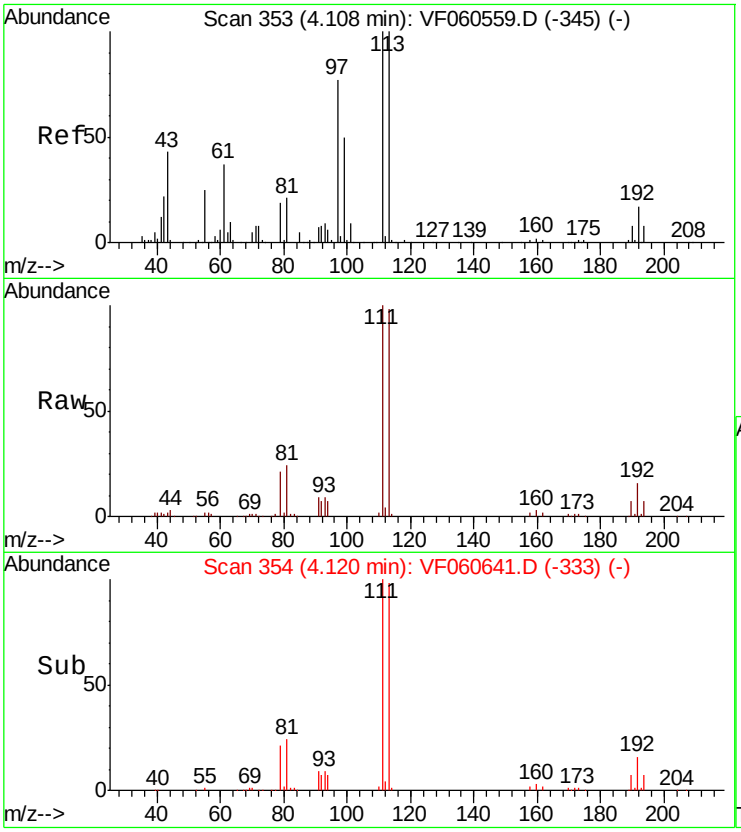


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.00 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Tgt Ion:114 Resp: 459597

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.0
88	18.2	0.0	38.2



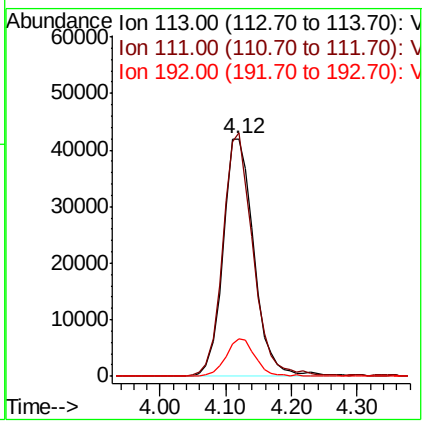


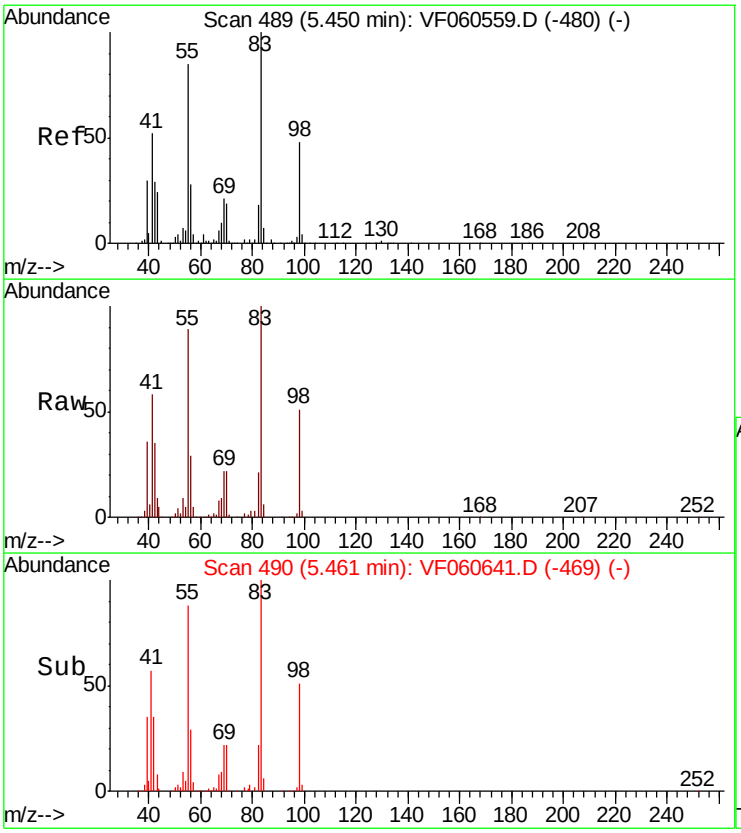
#35
Dibromofluoromethane
Concen: 38.853 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Instrument :
MSVOA_F
ClientSampleId :
SB-4RE

Tgt Ion:113 Resp: 137961

Ion	Ratio	Lower	Upper
113	100		
111	102.5	79.9	119.9
192	15.9	13.3	19.9

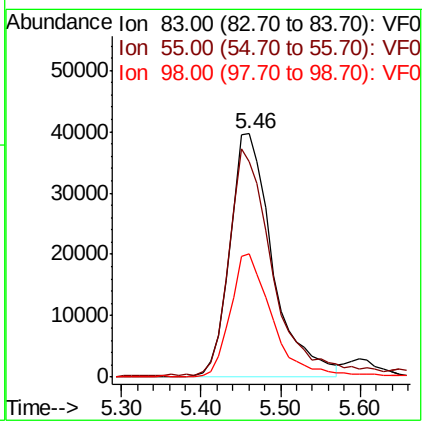


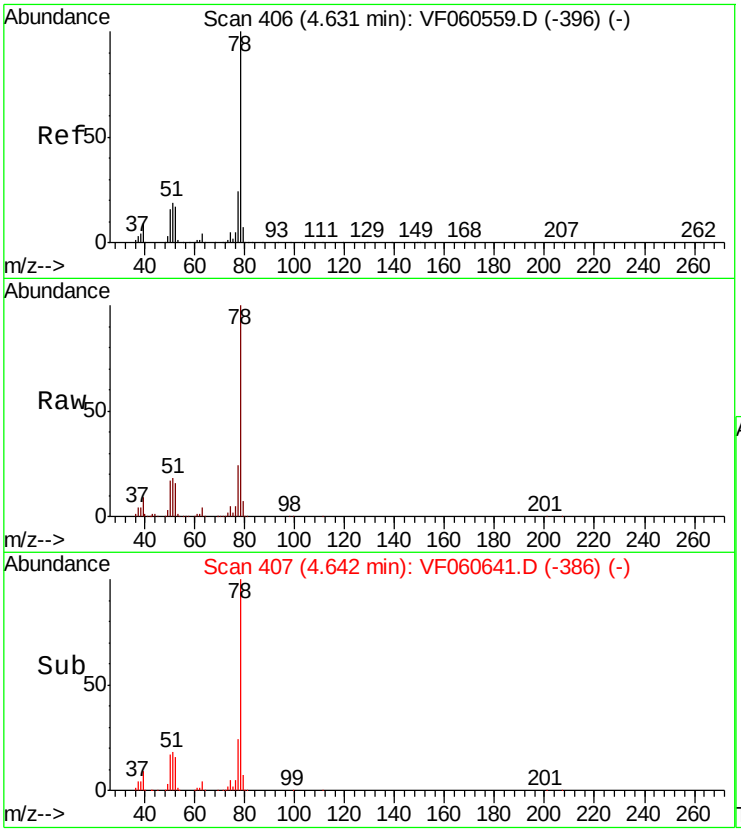


#39
Methylcyclohexane
Concen: 23.982 ug/l
RT: 5.46 min Scan# 490
Delta R.T. 0.01 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Tgt Ion: 83 Resp: 148101

Ion	Ratio	Lower	Upper
83	100		
55	88.7	69.1	103.7
98	50.7	38.6	57.8



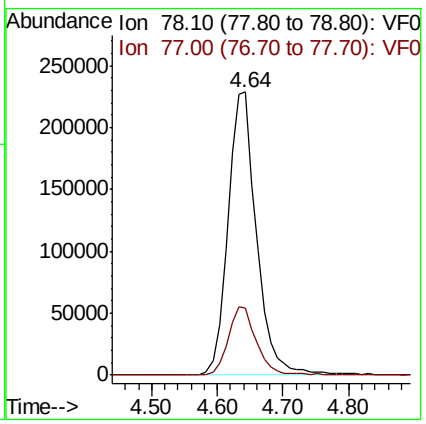


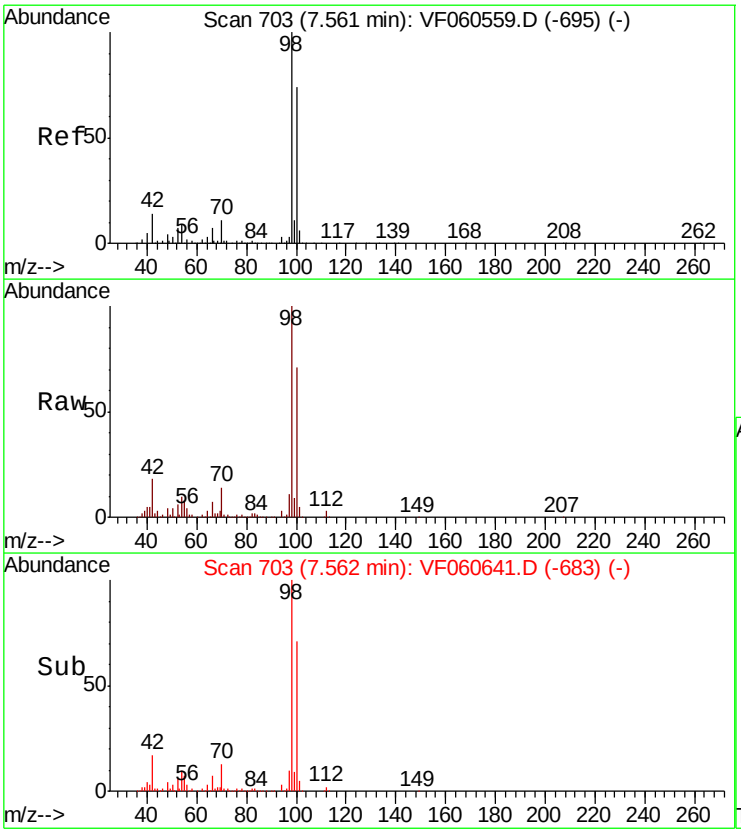
#40
Benzene
Concen: 56.552 ug/l
RT: 4.64 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Instrument :
MSVOA_F
ClientSampleId :
SB-4RE

Tgt Ion: 78 Resp: 694659

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9

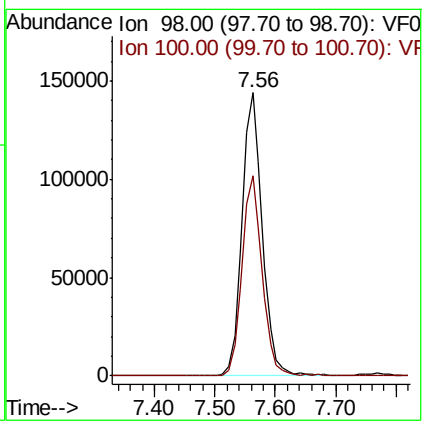


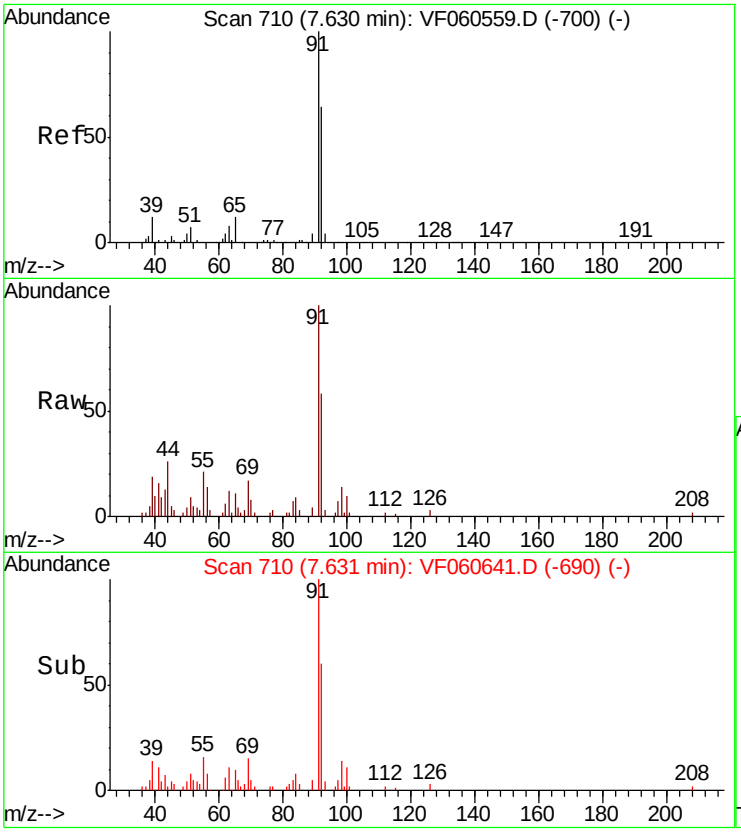


#50
Toluene-d8
Concen: 31.849 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Tgt Ion: 98 Resp: 335013

Ion	Ratio	Lower	Upper
98	100		
100	70.8	59.4	89.2



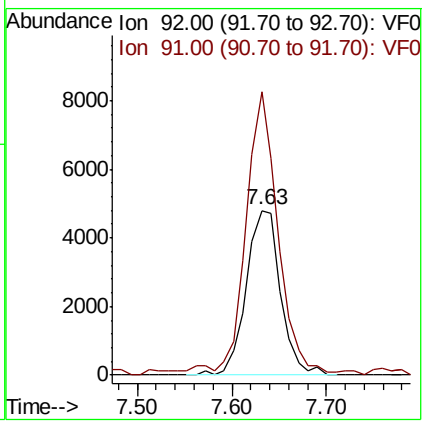


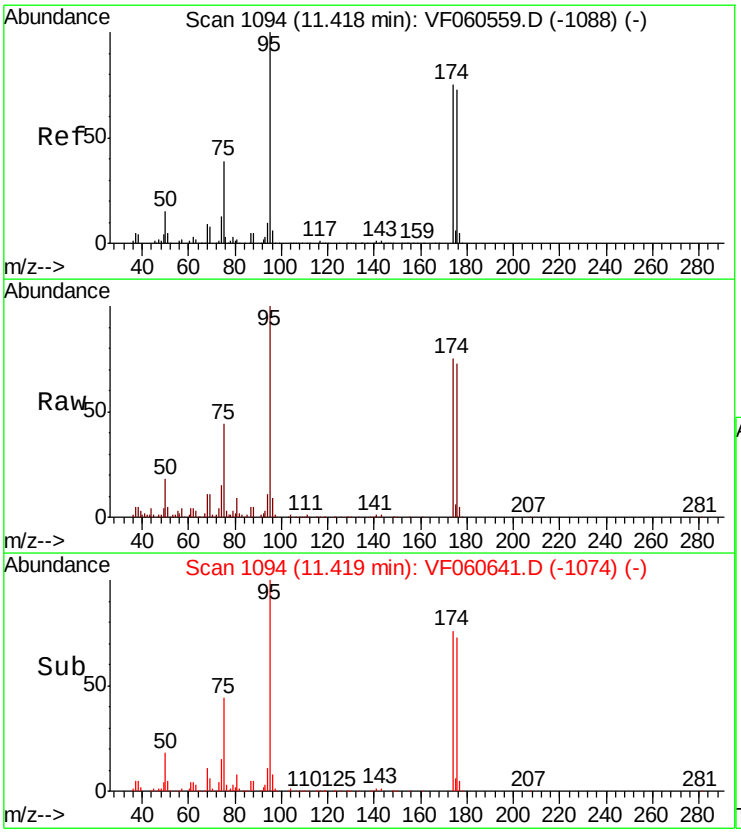
#52
Toluene
Concen: 1.506 ug/l
RT: 7.63 min Scan# 710
Delta R.T. 0.00 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Instrument :
MSVOA_F
ClientSampleId :
SB-4RE

Tgt Ion: 92 Resp: 12052

Ion	Ratio	Lower	Upper
92	100		
91	171.8	124.5	186.7

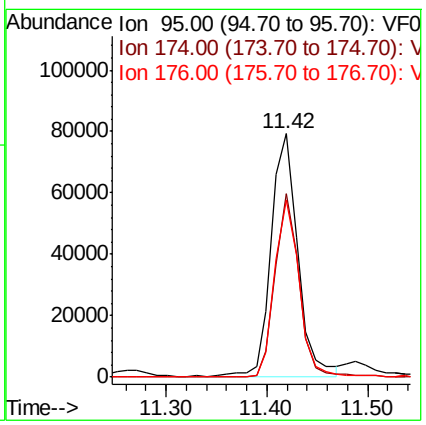


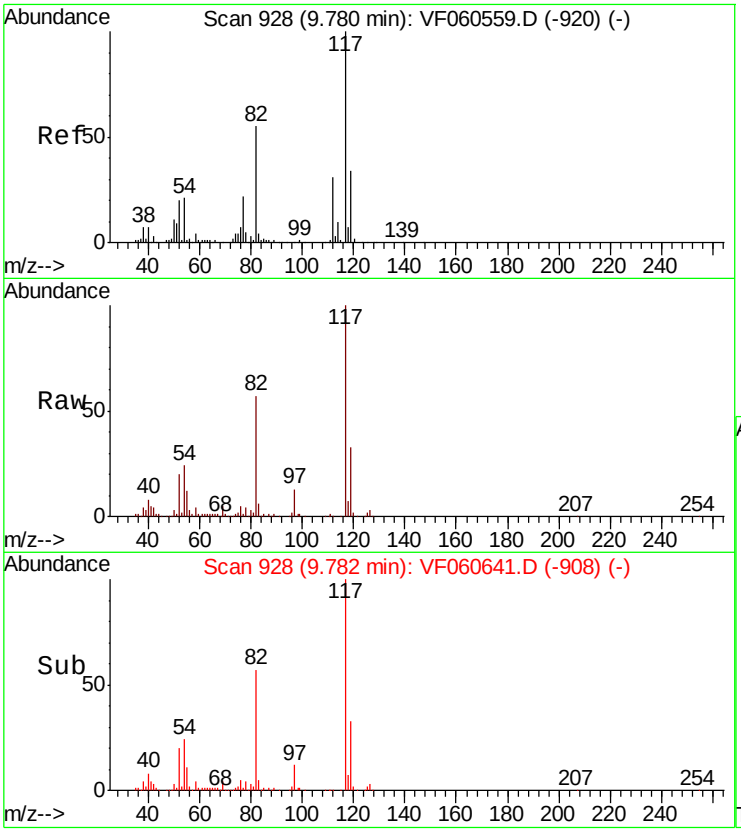


#62
4-Bromofluorobenzene
Concen: 31.363 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Tgt Ion: 95 Resp: 144300

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	149.0
176	72.5	0.0	145.6



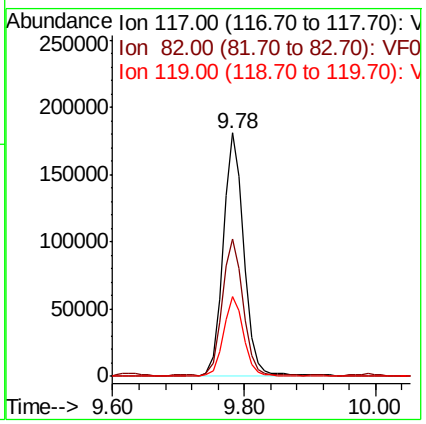


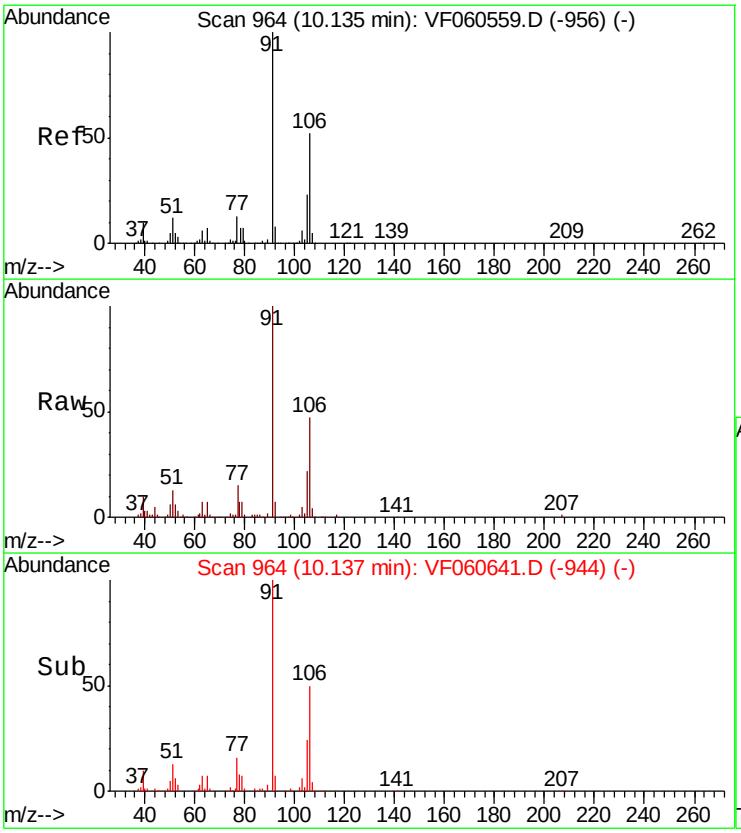
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Instrument :
MSVOA_F
ClientSampleId :
SB-4RE

Tgt Ion:117 Resp: 399421

Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.9	65.9
119	32.5	27.4	41.0

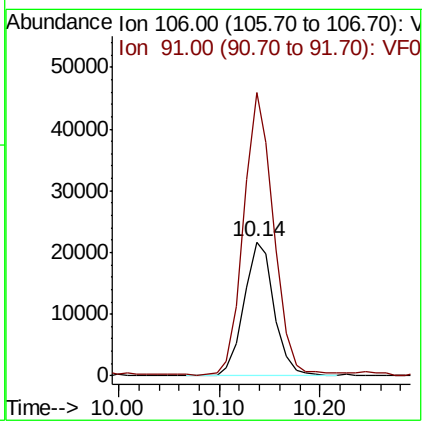


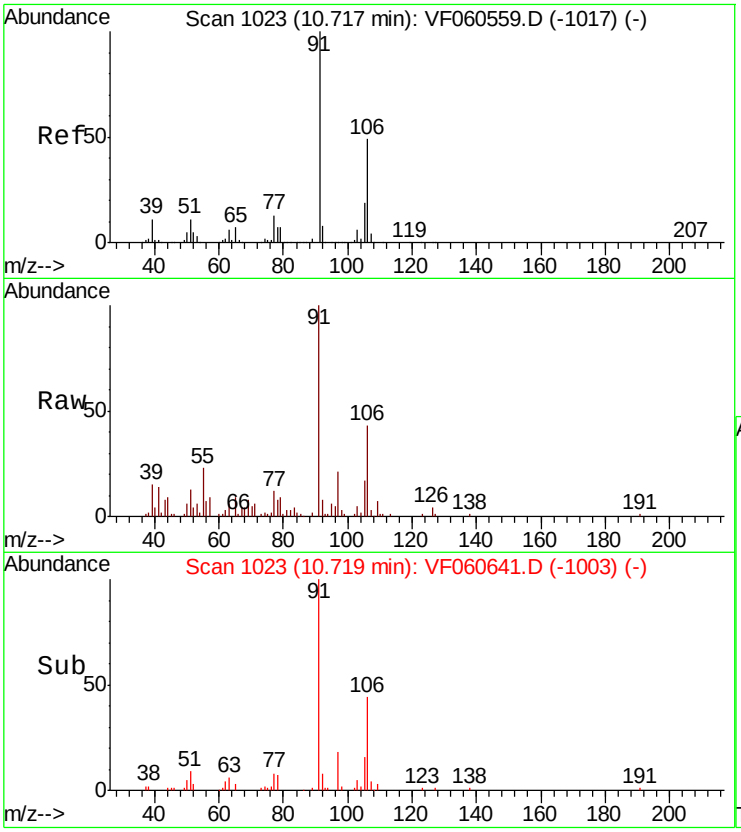


#68
m/p-Xylenes
Concen: 8.128 ug/l
RT: 10.14 min Scan# 964
Delta R.T. 0.00 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Tgt Ion:106 Resp: 45383

Ion	Ratio	Lower	Upper
106	100		
91	211.4	153.9	230.9



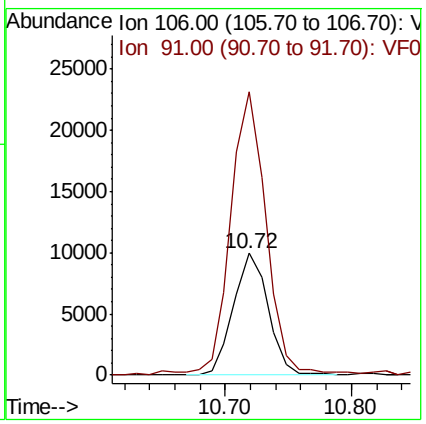


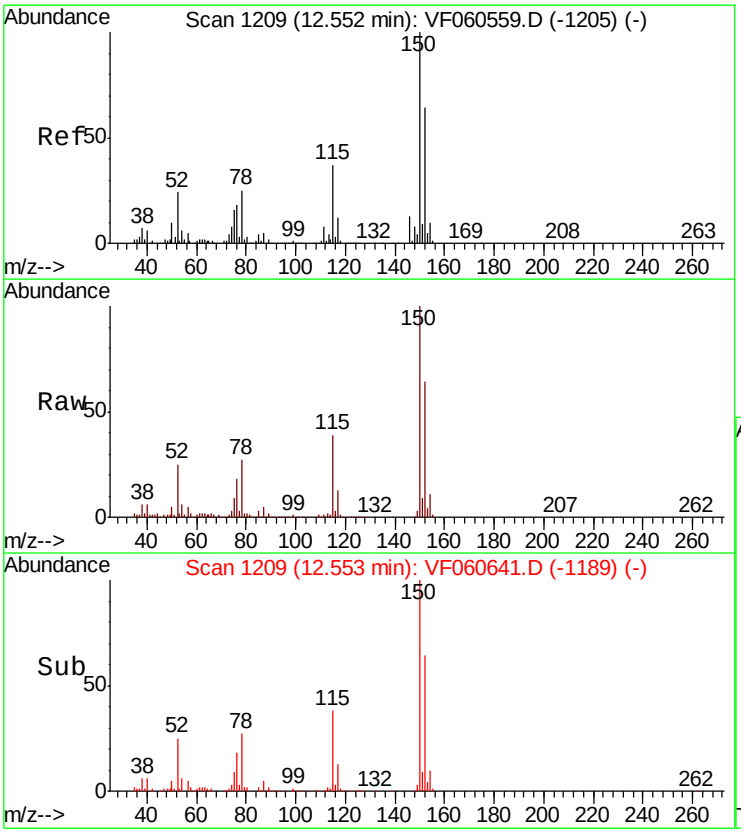
#69
o-Xylene
Concen: 3.124 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. 0.00 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Instrument :
MSVOA_F
ClientSampleId :
SB-4RE

Tgt Ion:106 Resp: 19045

Ion	Ratio	Lower	Upper
106	100		
91	232.1	101.8	305.3

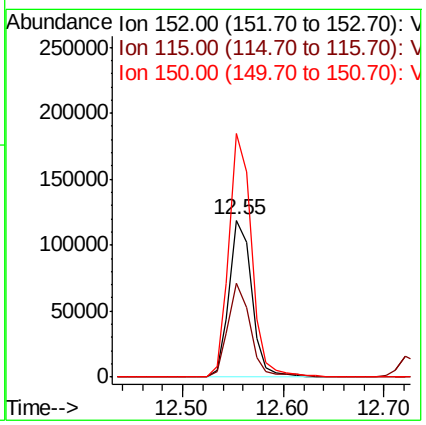


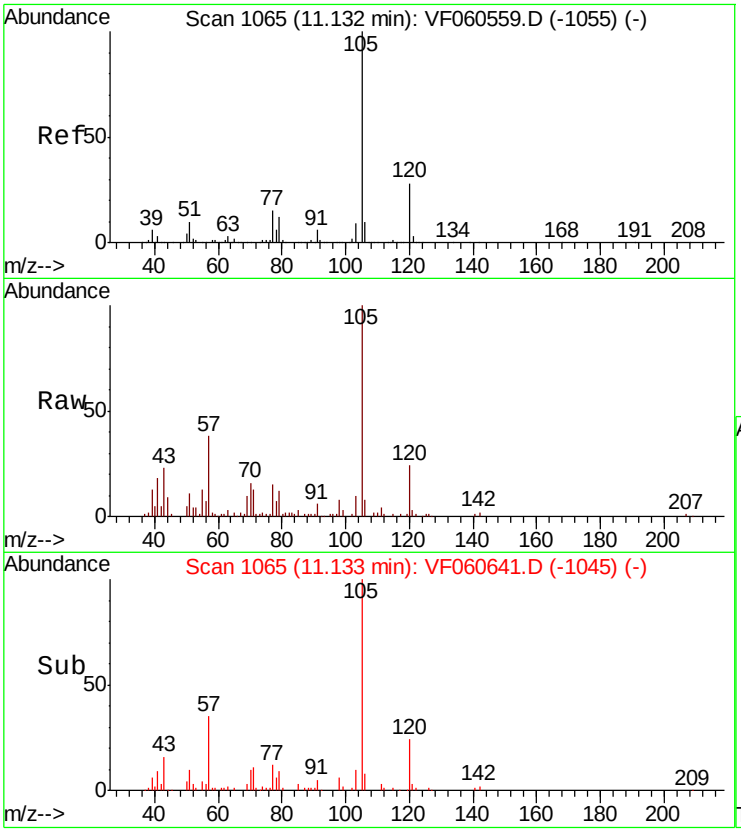


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Tgt Ion:152 Resp: 185676

Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.6	88.8
150	155.2	0.0	315.6



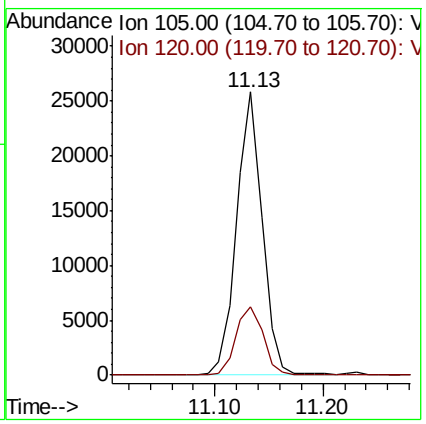


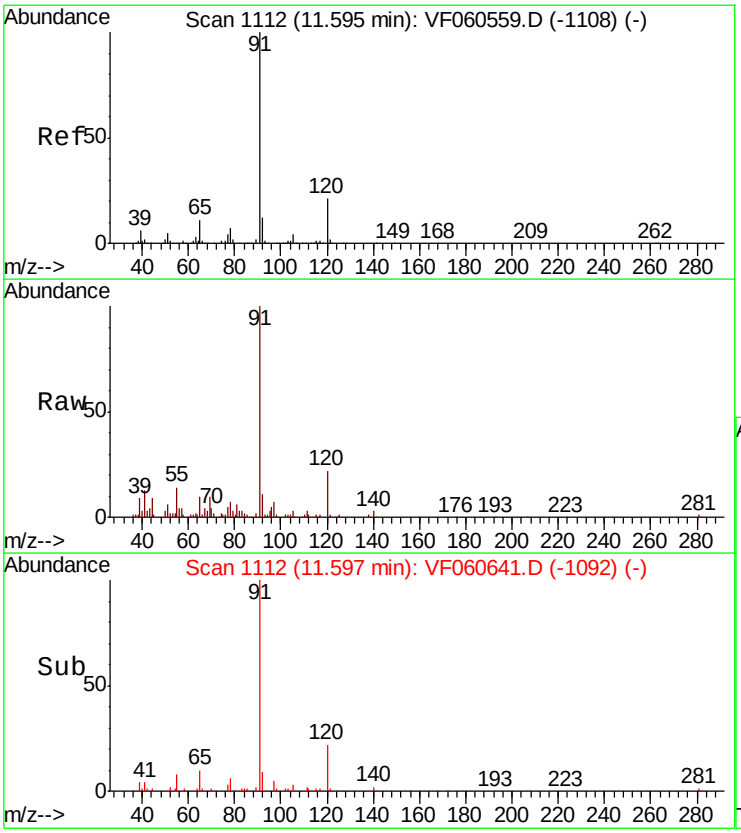
#73
Isopropylbenzene
Concen: 2.941 ug/l
RT: 11.13 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Instrument : MSVOA_F
ClientSampleId : SB-4RE

Tgt Ion:105 Resp: 42581

Ion	Ratio	Lower	Upper
105	100		
120	24.2	13.9	41.6

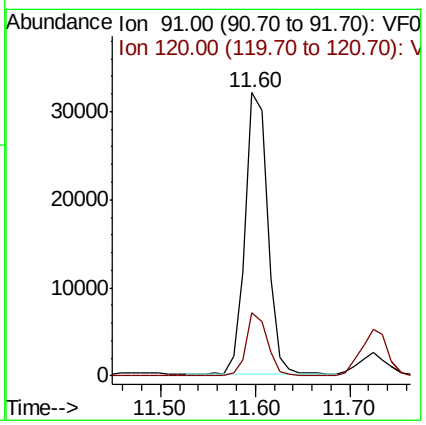


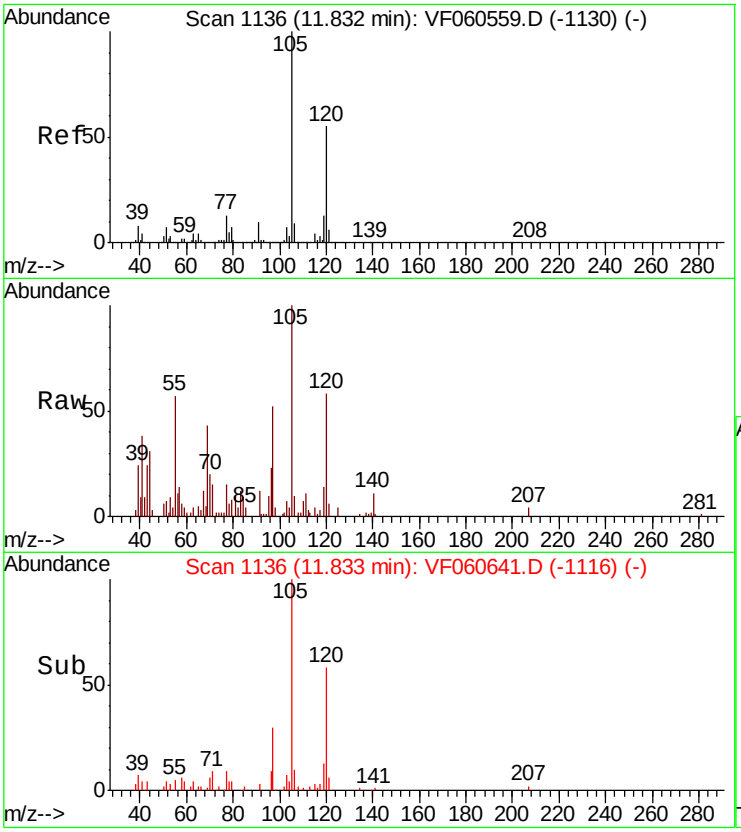


#78
n-propylbenzene
Concen: 3.152 ug/l
RT: 11.60 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Tgt Ion: 91 Resp: 53406

Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.5	31.6



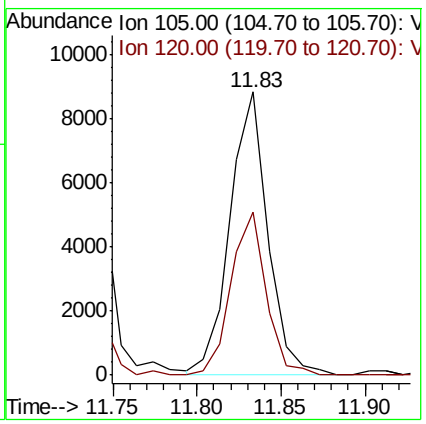


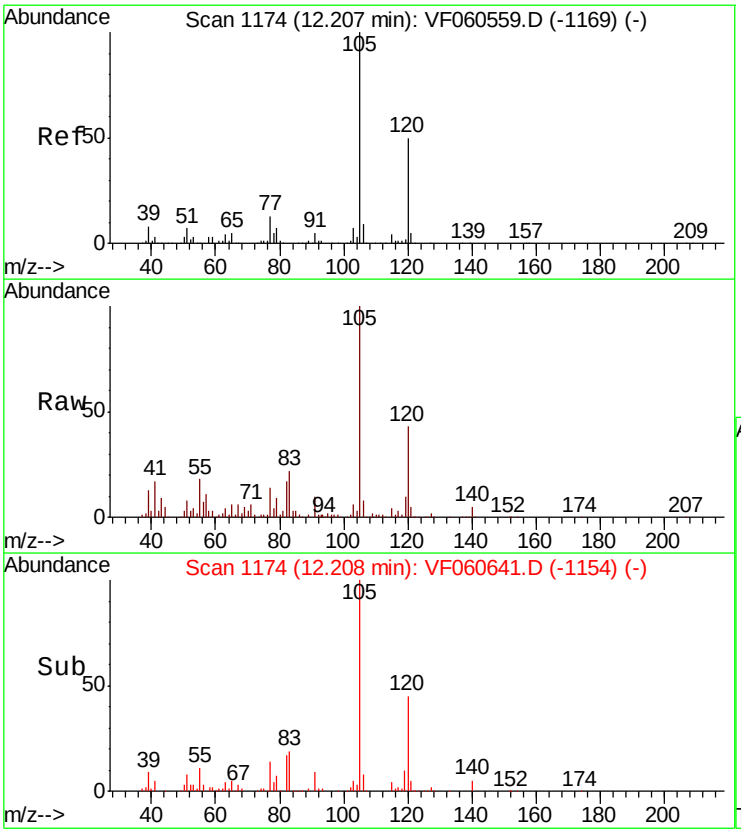
#80
1,3,5-Trimethylbenzene
Concen: 1.158 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Instrument :
MSVOA_F
ClientSampleId :
SB-4RE

Tgt Ion:105 Resp: 13823

Ion	Ratio	Lower	Upper
105	100		
120	57.8	27.6	82.8

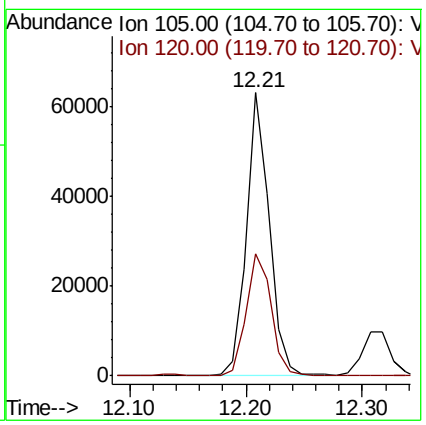


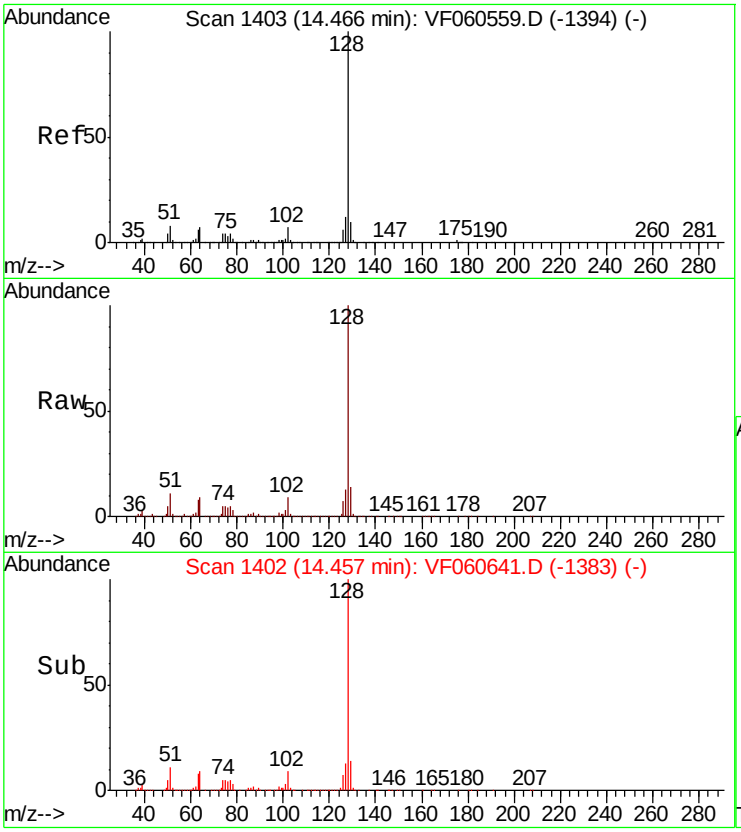


#84
1,2,4-Trimethylbenzene
Concen: 7.361 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Tgt Ion:105 Resp: 86040

Ion	Ratio	Lower	Upper
105	100		
120	43.3	25.6	76.8





#95
Naphthalene
Concen: 250.499 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF060641.D
Acq: 7 Nov 2018 21:13

Instrument :
MSVOA_F
ClientSampleId :
SB-4RE

Tgt Ion:128 Resp: 1981799

Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.4	14.0
129	14.2	8.4	12.6#