Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
Data File : VF056659.D
Acq On : 23 Feb 2018 16:34
Operator : JC/SY
Sample : J1640-01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 2-2-DENSE-GRADE-AGG-RCA

Quant Time: Feb 24 00:48:07 2018
Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F022018S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 21 08:56:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.79	168	270840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.52	114	403262	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.69	117	375414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.48	152	198365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.76	65	147681	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.20%			
35) Dibromofluoromethane	4.03	113	95626	31.53	ug/l	0.01
Spiked Amount 50.000			Recovery = 63.06%			
50) Toluene-d8	7.48	98	400365	44.04	ug/l	0.01
Spiked Amount 50.000			Recovery = 88.08%			
62) 4-Bromofluorobenzene	11.34	95	186588	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.24%			
Target Compounds						Qvalue
6) Chloroethane	1.28	64	75	1.62	ug/l #	43
16) Acetone	2.18	43	4451	4.62	ug/l #	79
18) Methyl Acetate	2.27	43	1003	Below Cal	#	64
28) Bromochloromethane	3.57	49	70	Below Cal	#	10
49) 1,4-Dioxane	6.66	88	75	2.98	ug/l #	1
89) n-Butylbenzene	12.78	91	1464	Below Cal		74

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

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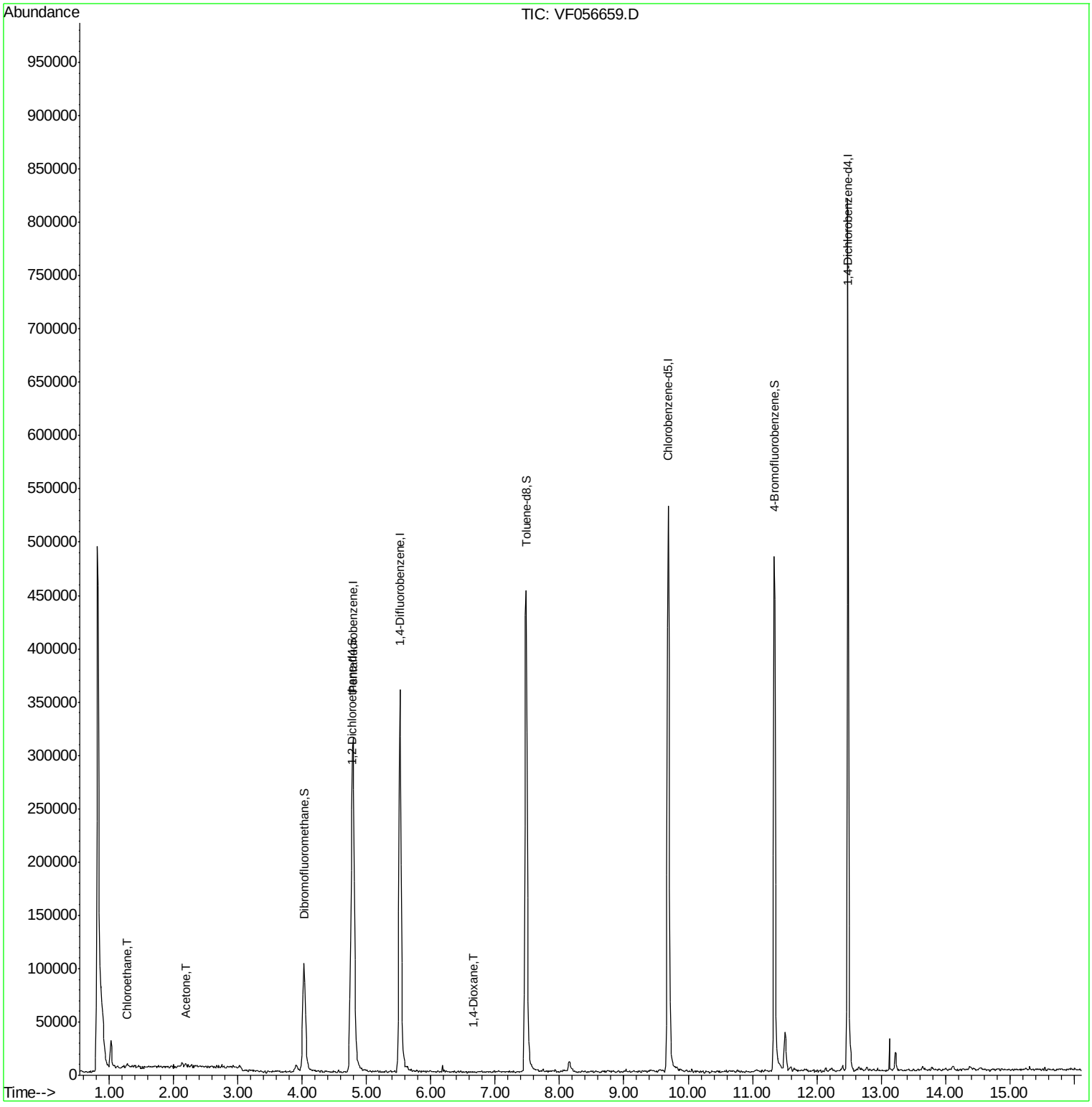
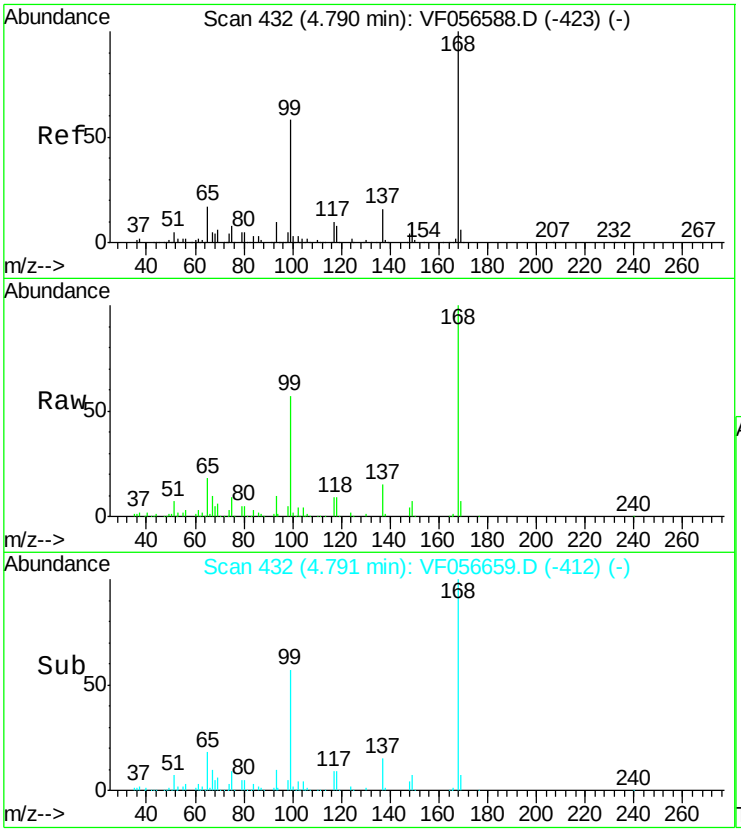


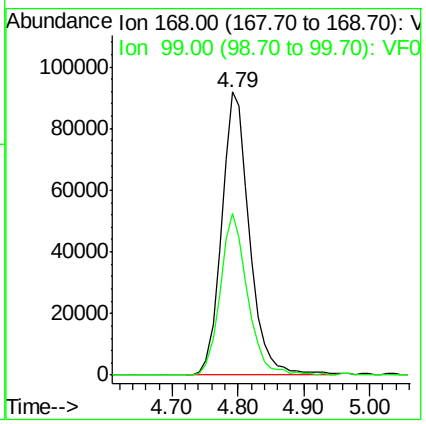


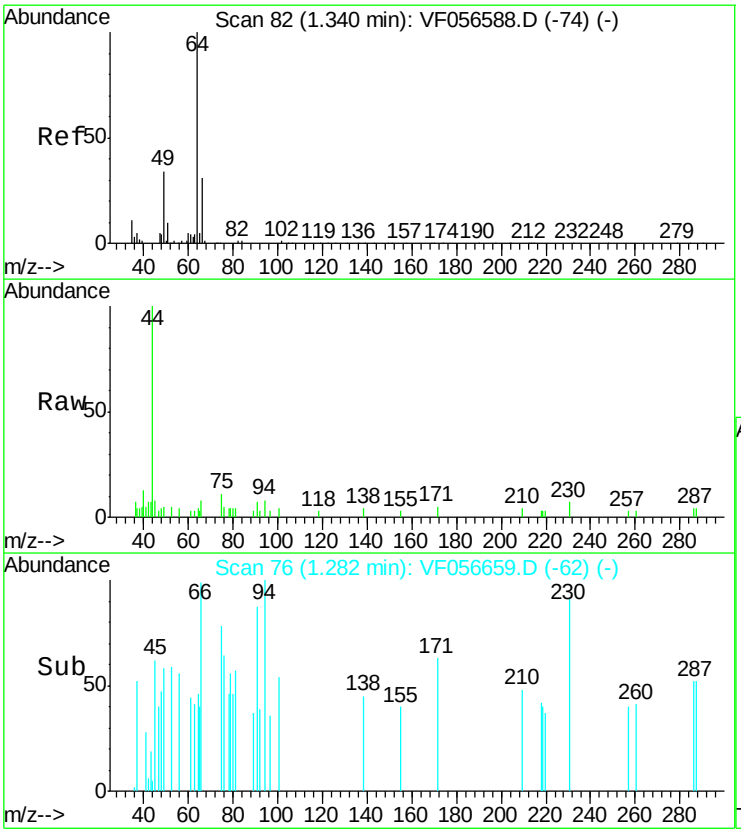
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.79 min Scan# 432
Delta R.T. 0.00 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Instrument :
MSVOA_F
ClientSampleId :
2-2-DENSE-GRADE-AGG-RCA

Tgt Ion:168 Resp: 270840

Ion	Ratio	Lower	Upper
168	100		
99	57.0	46.2	69.2

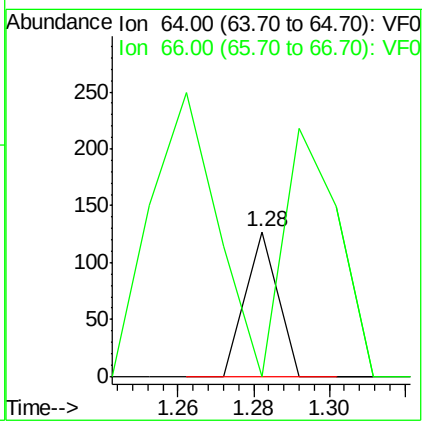


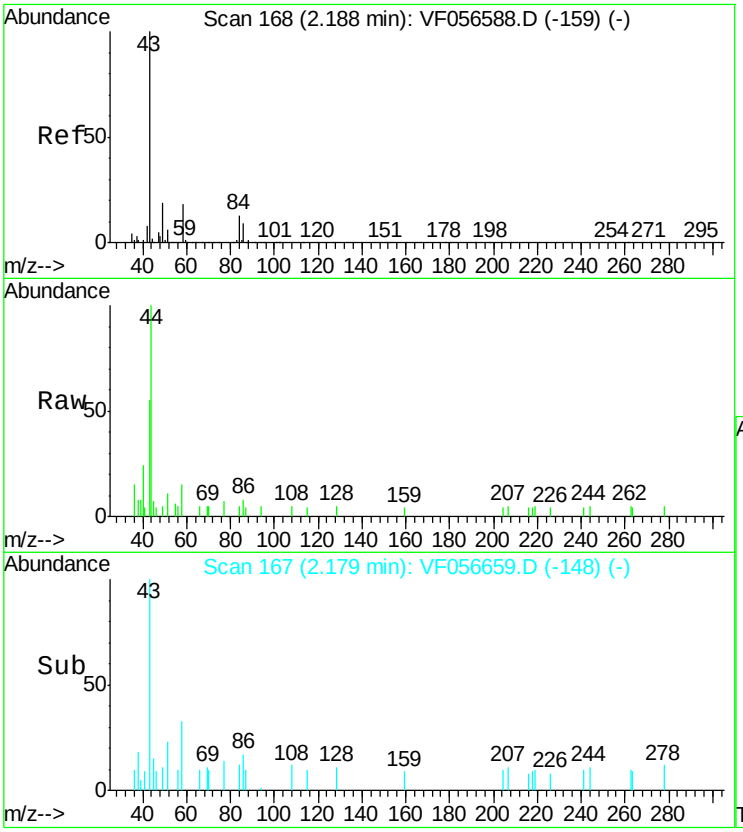


#6
Chloroethane
Concen: 1.62 ug/l
RT: 1.28 min Scan# 76
Delta R.T. -0.06 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Tgt Ion: 64 Resp: 75

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.2#



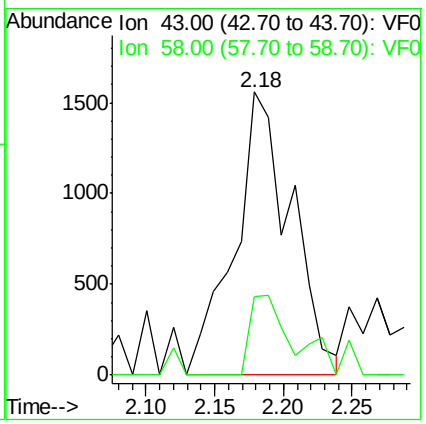


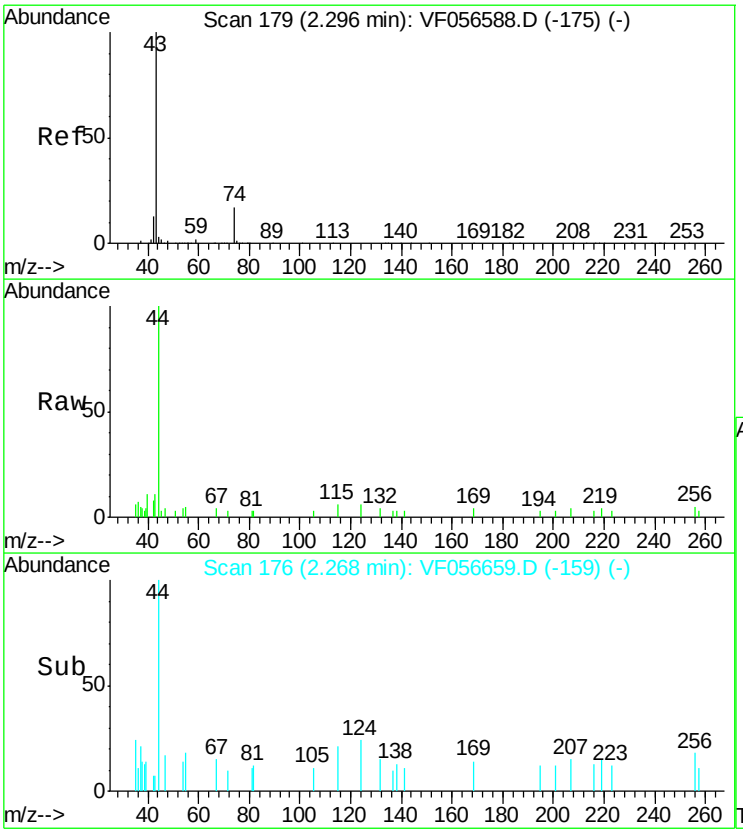
#16
Acetone
Concen: 4.62 ug/l
RT: 2.18 min Scan# 167
Delta R.T. -0.01 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Instrument :
MSVOA_F
ClientSampleId :
2-2-DENSE-GRADE-AGG-RCA

Tgt Ion: 43 Resp: 4451

Ion	Ratio	Lower	Upper
43	100		
58	27.7	14.7	22.1#

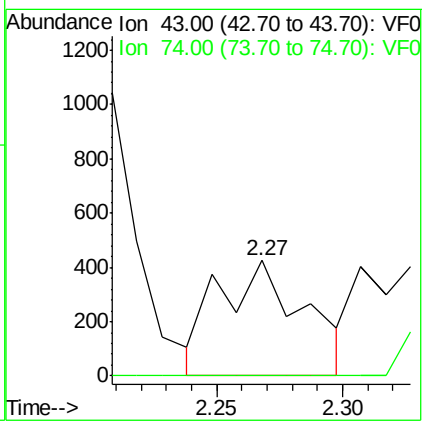


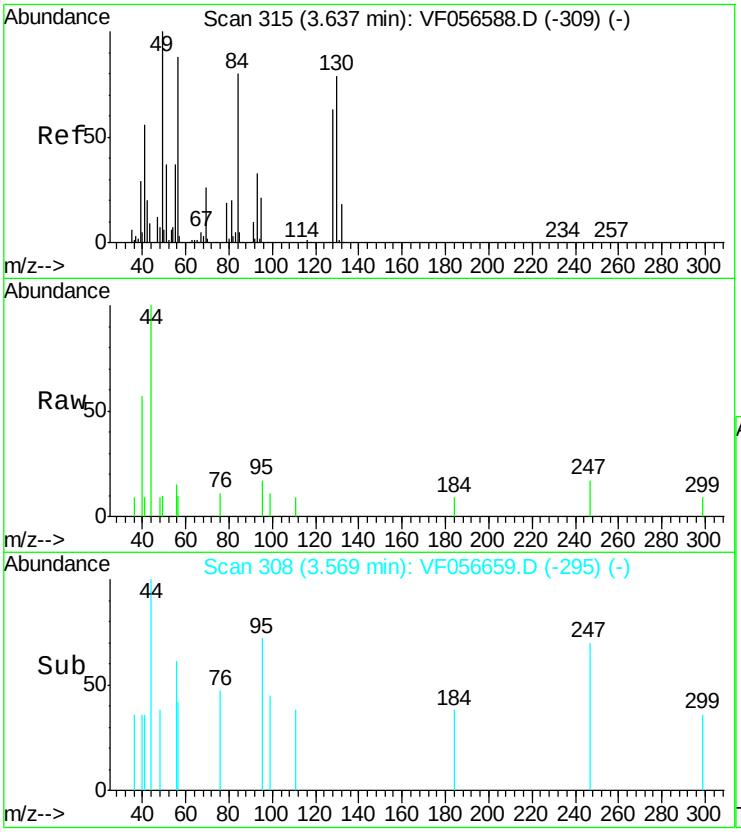


#18
Methyl Acetate
Concen: Below Cal
RT: 2.27 min Scan# 176
Delta R.T. -0.03 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Tgt Ion: 43 Resp: 1003

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.0	18.0#



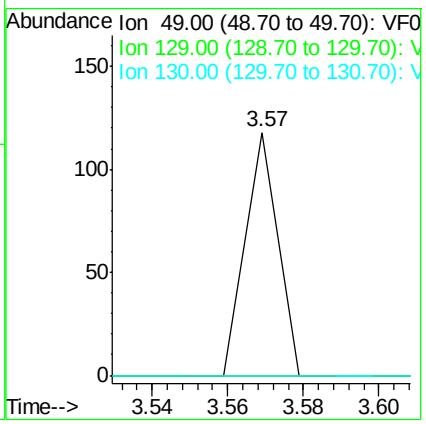


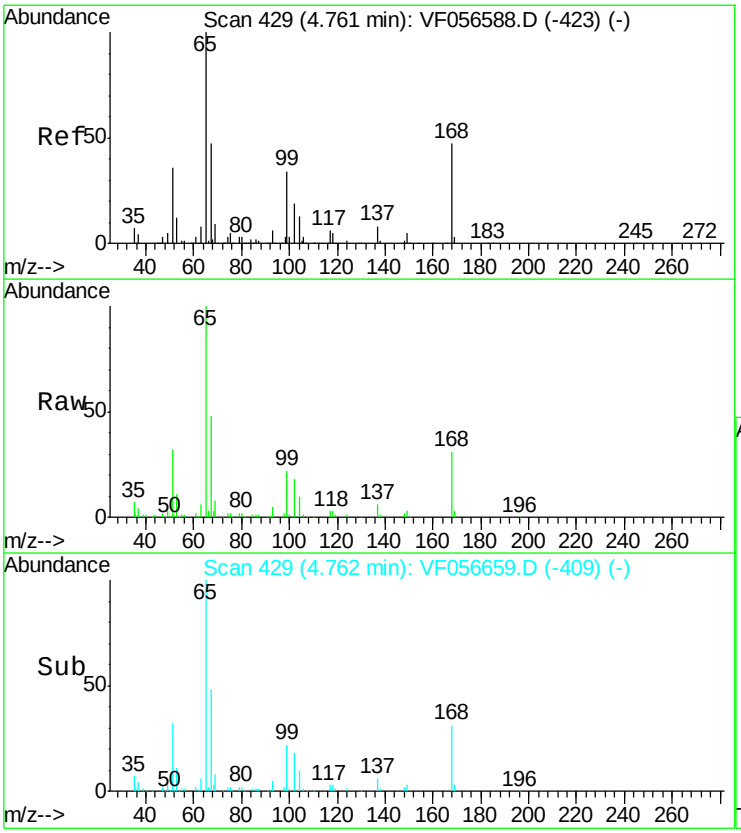
#28
Bromochloromethane
Concen: Below Cal
RT: 3.57 min Scan# 308
Delta R.T. -0.07 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Instrument :
MSVOA_F
ClientSampleId :
2-2-DENSE-GRADE-AGG-RCA

Tgt Ion: 49 Resp: 70

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	0.0	63.4	95.0#

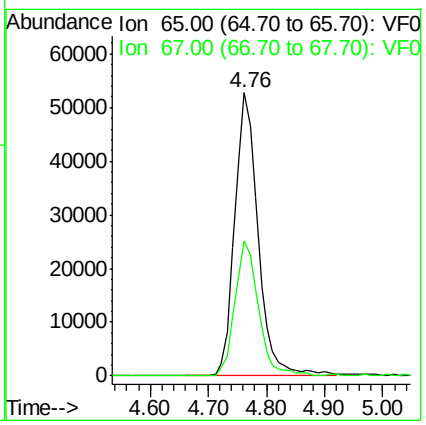


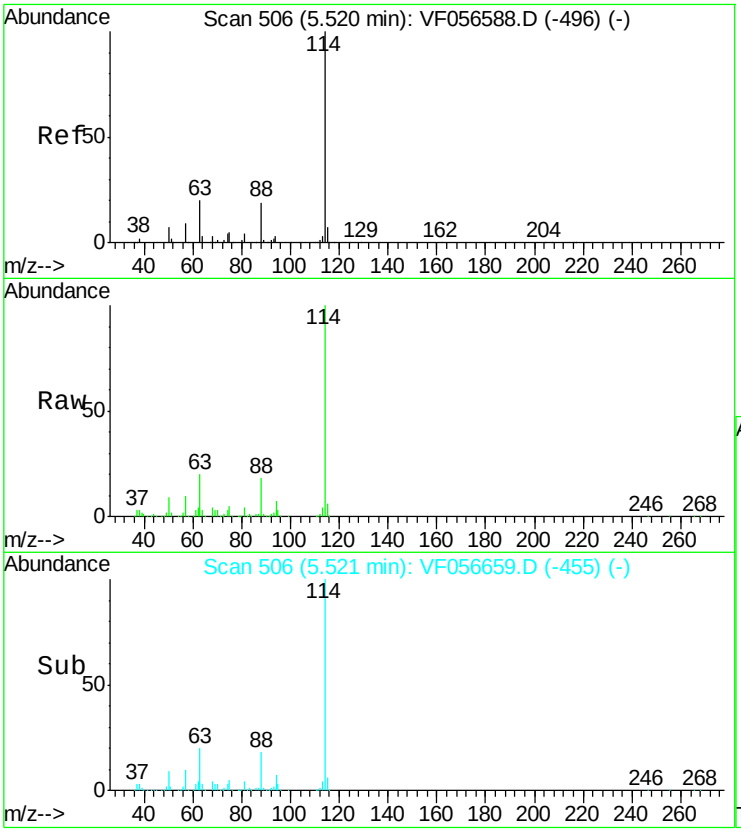


#33
1,2-Dichloroethane-d4
Concen: 45.10 ug/l
RT: 4.76 min Scan# 429
Delta R.T. 0.00 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Tgt Ion: 65 Resp: 147681

Ion	Ratio	Lower	Upper
65	100		
67	47.8	0.0	103.0



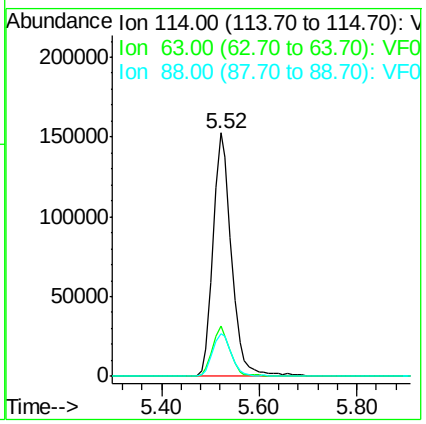


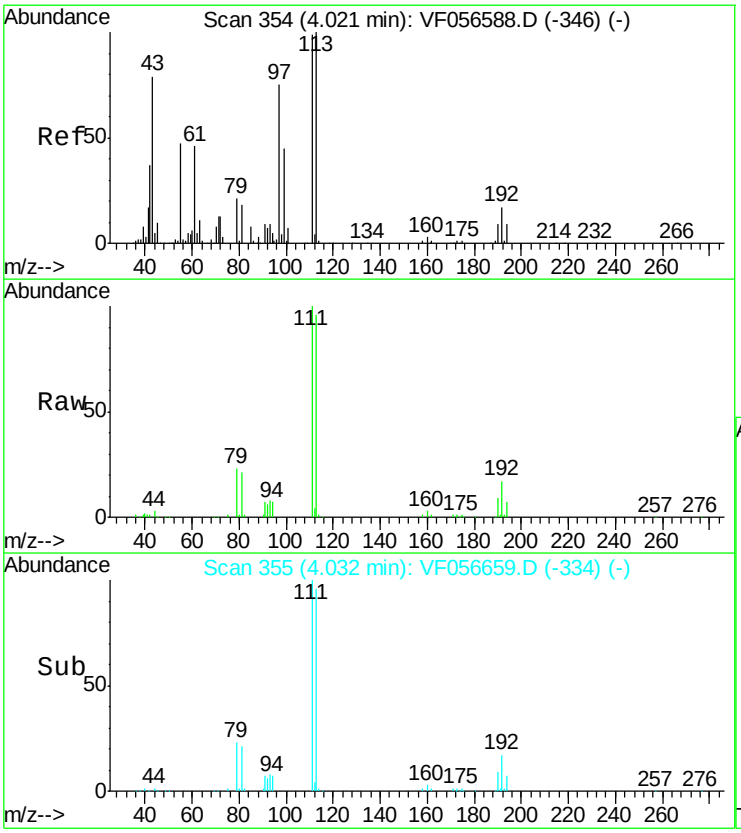
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.52 min Scan# 506
Delta R.T. 0.00 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Instrument :
MSVOA_F
ClientSampleId :
2-2-DENSE-GRADE-AGG-RCA

Tgt Ion:114 Resp: 403262

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.6
88	17.6	0.0	37.8

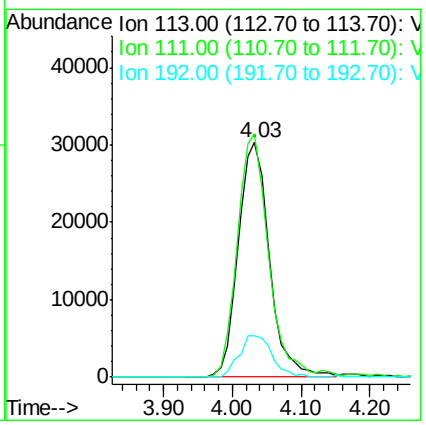


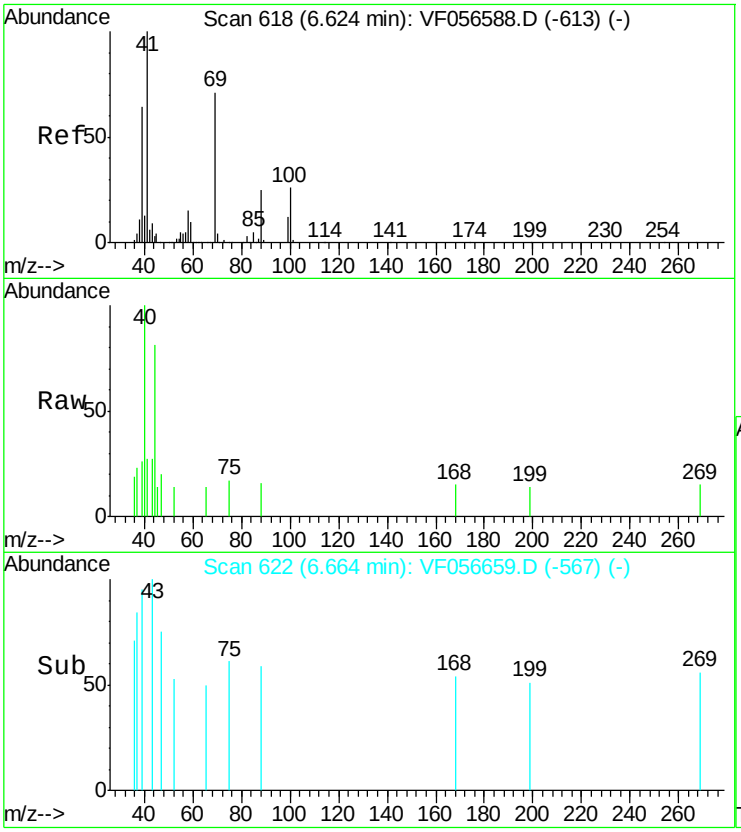


#35
Dibromofluoromethane
Concen: 31.53 ug/l
RT: 4.03 min Scan# 355
Delta R.T. 0.01 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Tgt Ion:113 Resp: 95626

Ion	Ratio	Lower	Upper
113	100		
111	103.8	79.1	118.7
192	17.7	13.9	20.9



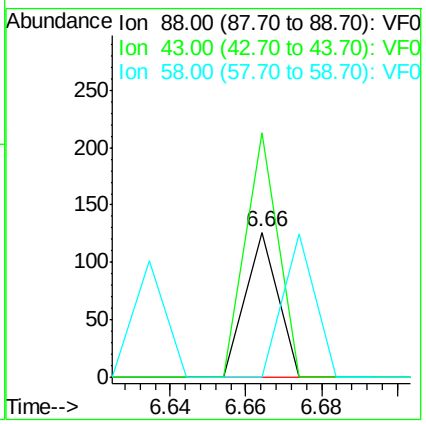


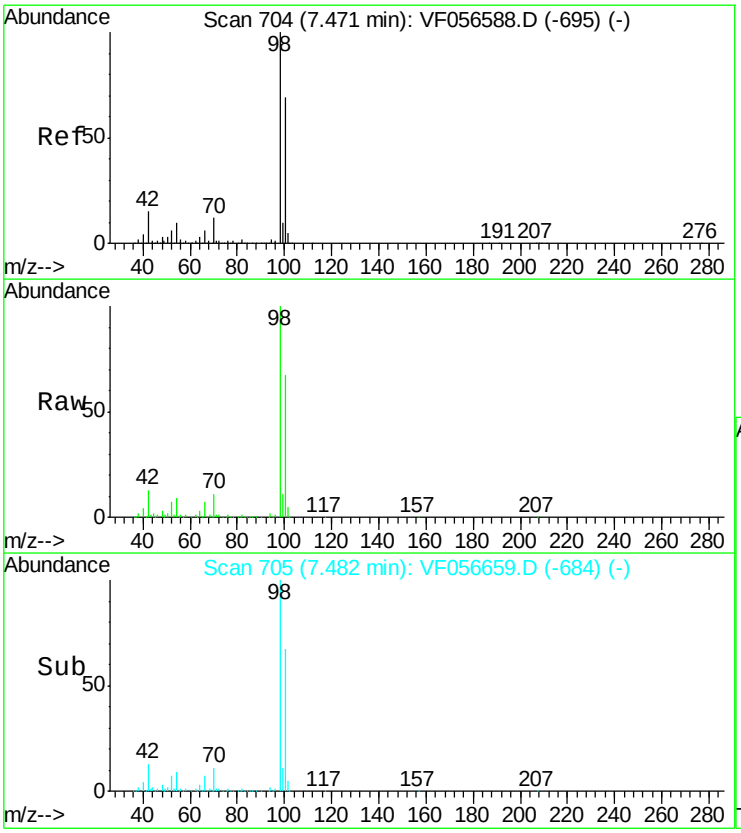
#49
1,4-Dioxane
Concen: 2.98 ug/l
RT: 6.66 min Scan# 622
Delta R.T. 0.04 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Instrument :
MSVOA_F
ClientSampleId :
2-2-DENSE-GRADE-AGG-RCA

Tgt Ion: 88 Resp: 75

Ion	Ratio	Lower	Upper
88	100		
43	169.0	30.8	46.2#
58	0.0	49.8	74.6#

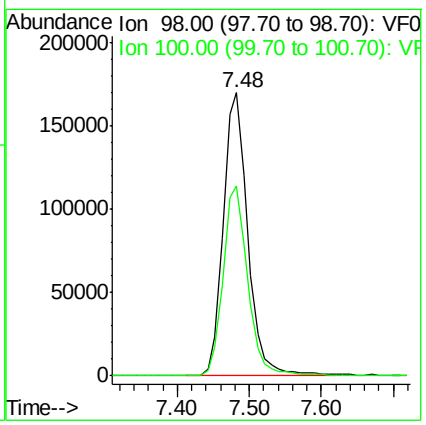


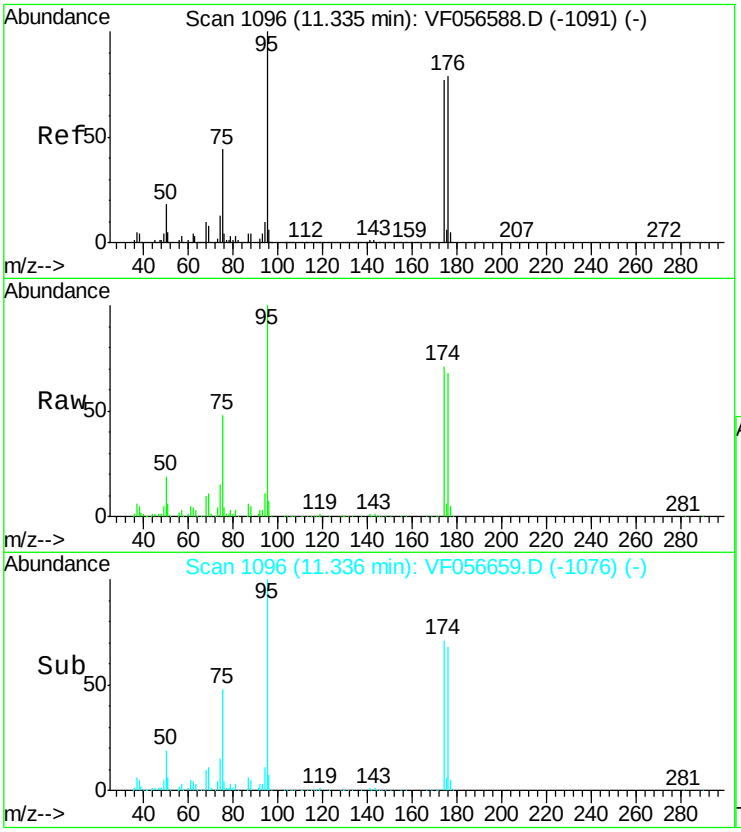


#50
Toluene-d8
Concen: 44.04 ug/l
RT: 7.48 min Scan# 705
Delta R.T. 0.01 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Tgt Ion: 98 Resp: 400365

Ion	Ratio	Lower	Upper
98	100		
100	67.0	55.4	83.0



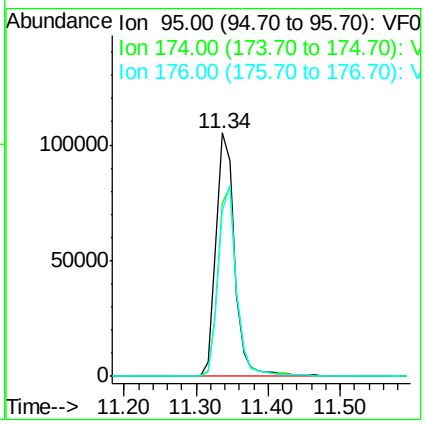


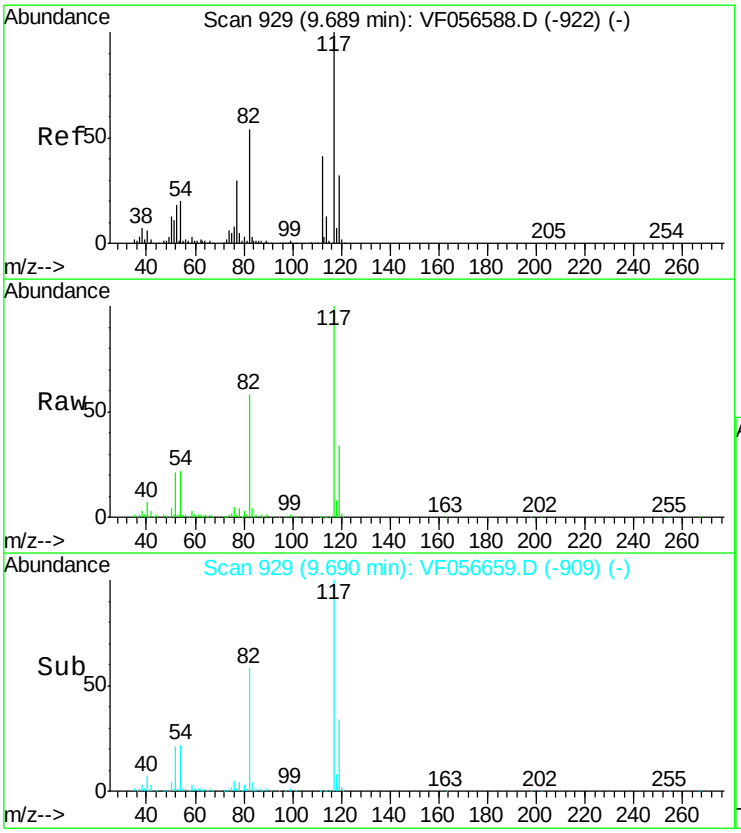
#62
4-Bromofluorobenzene
Concen: 45.12 ug/l
RT: 11.34 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Instrument :
MSVOA_F
ClientSampleId :
2-2-DENSE-GRADE-AGG-RCA

Tgt Ion: 95 Resp: 186588

Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	154.2
176	67.9	0.0	157.2

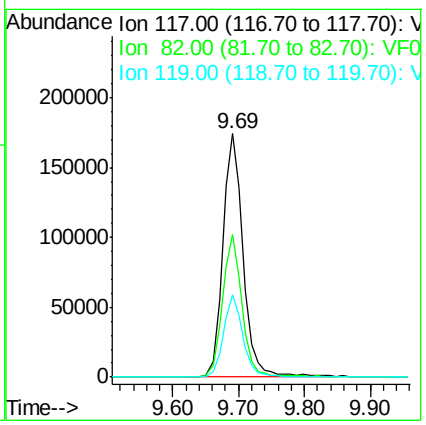


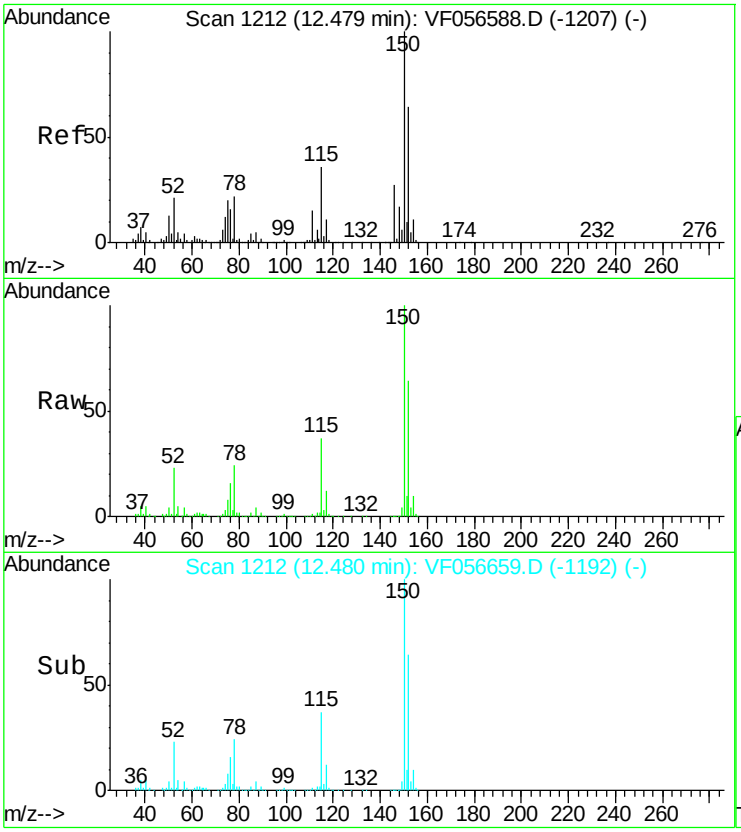


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.69 min Scan# 929
Delta R.T. 0.00 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Tgt Ion:117 Resp: 375414

Ion	Ratio	Lower	Upper
117	100		
82	58.3	43.0	64.6
119	33.8	25.5	38.3



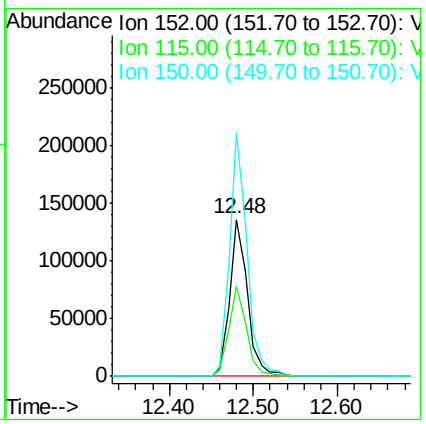


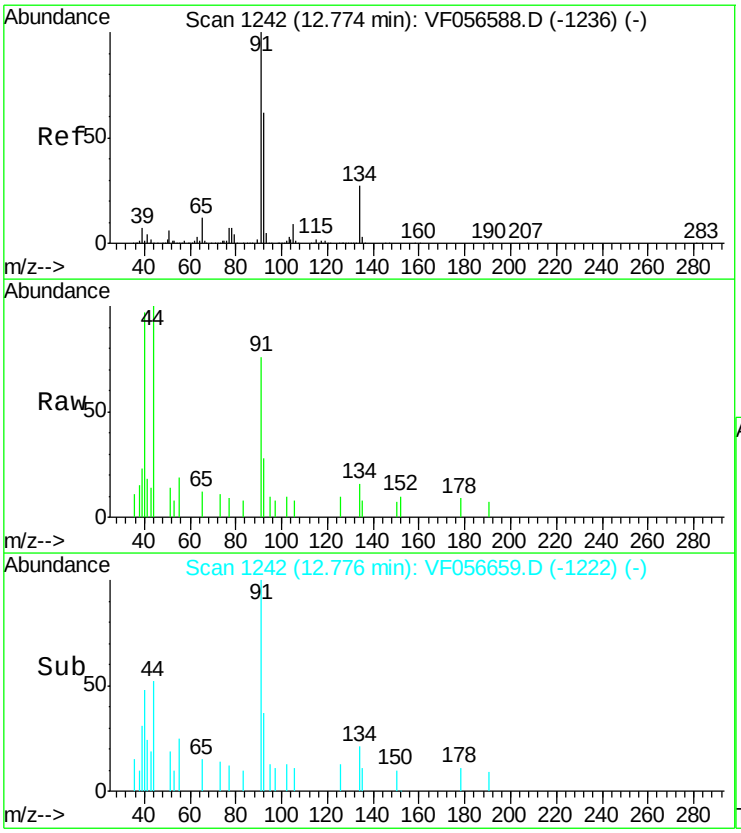
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.48 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Instrument :
MSVOA_F
ClientSampleId :
2-2-DENSE-GRADE-AGG-RCA

Tgt Ion:152 Resp: 198365

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.1	84.3
150	155.5	0.0	315.6





#89
n-Butylbenzene
Concen: Below Cal
RT: 12.78 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VF056659.D
Acq: 23 Feb 2018 16:34

Tgt Ion: 91 Resp: 1464

Ion	Ratio	Lower	Upper
91	100		
92	36.5	30.9	92.7
134	21.1	13.7	41.0