Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF020819\
Data File : VF061576.D
Acq On : 9 Feb 2019 00:01
Operator : VA/AP
Sample : K1348-01
Misc : 6.49g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OK-01-020719RE

Manual Integrations APPROVED
MMDadoda
2/12/2019 2:32:19 AM

Quant Time: Feb 09 06:04:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	166208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.57	114	294205	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	258743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	126669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	98646	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.14%		
35) Dibromofluoromethane	4.10	113	105352	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.76%		
50) Toluene-d8	7.54	98	226608	35.63	ug/l	0.00
Spiked Amount 50.000			Recovery =	71.26%		
62) 4-Bromofluorobenzene	11.39	95	116149	39.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	78.16%		
Target Compounds						Qvalue
16) Acetone	2.23	43	17928	43.550	ug/l	92
20) Methylene Chloride	2.25	84	19389m	12.559	ug/l	

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

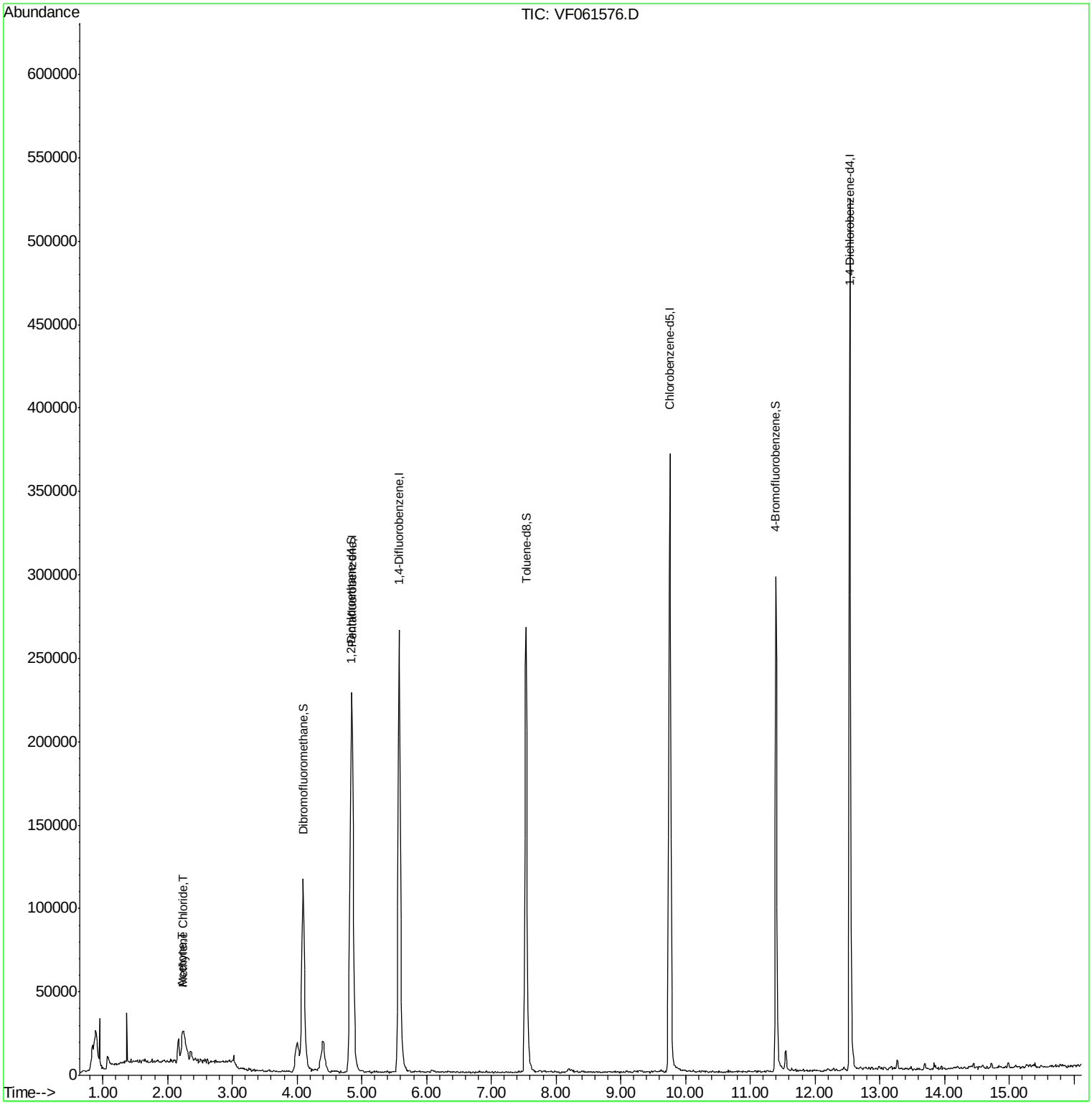
Quantitation Report (LSC Reviewed)

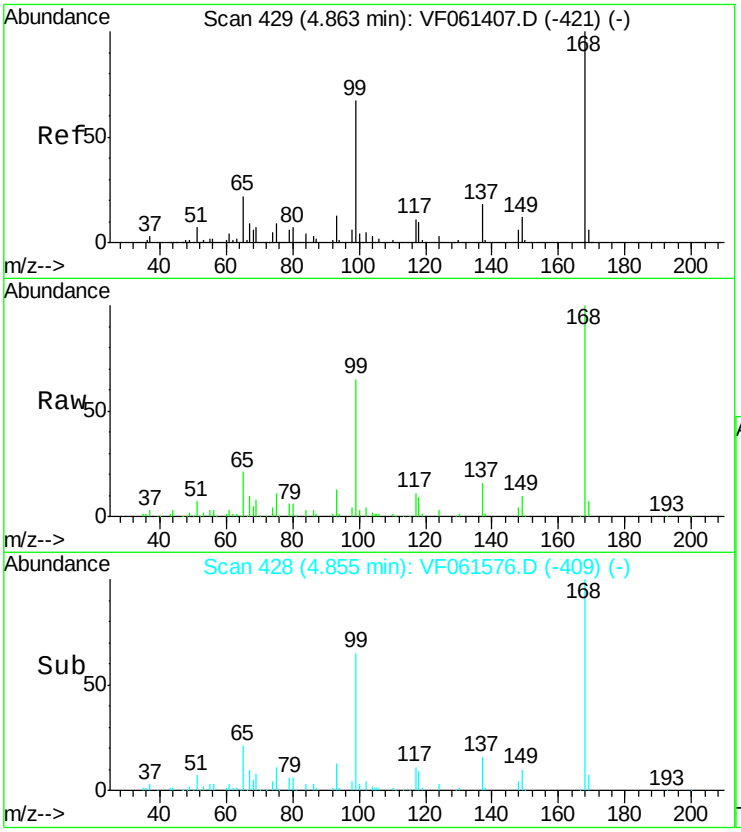
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020819\
Data File : VF061576.D
Acq On : 9 Feb 2019 00:01
Operator : VA/AP
Sample : K1348-01
Misc : 6.49g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 09 06:04:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
OK-01-020719RE

Manual Integrations APPROVED
MMDadoda
2/12/2019 2:32:19 AM

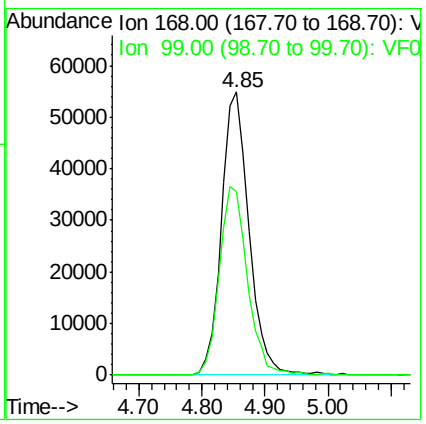




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

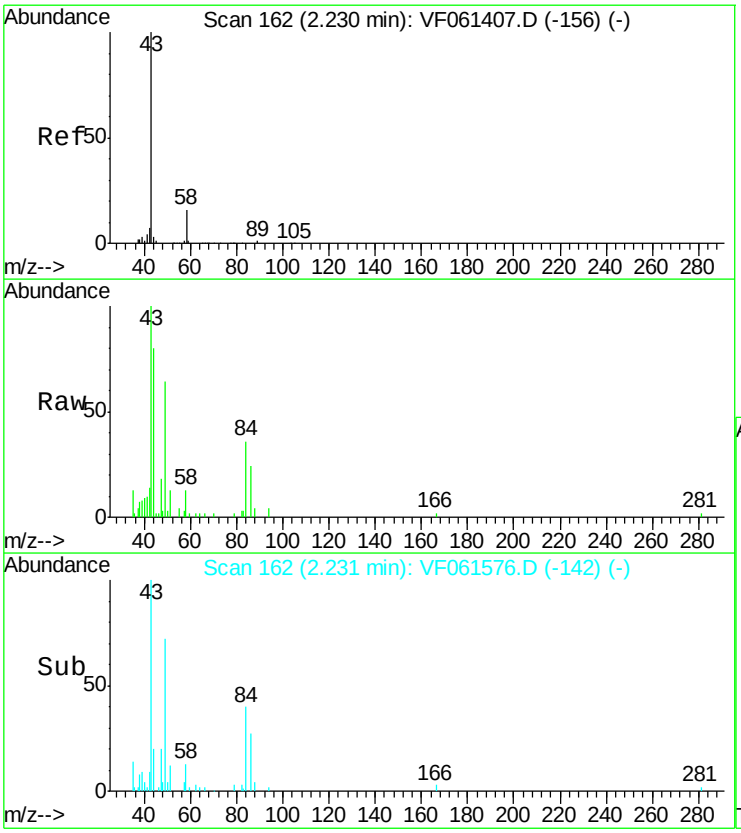
Tgt Ion:168 Resp: 166208

Ion	Ratio	Lower	Upper
168	100		
99	64.7	53.5	80.3



Instrument :
MSVOA_F
ClientSampleId :
OK-01-020719RE

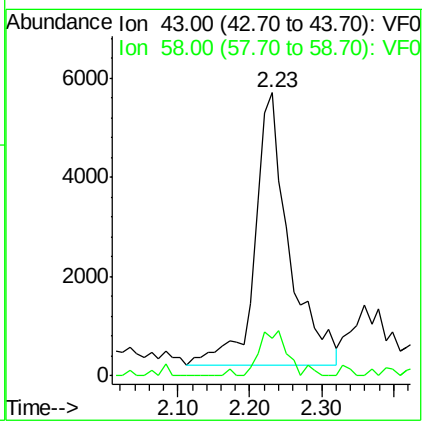
Manual Integrations APPROVED
MMDadoda
2/12/2019 2:32:19 AM

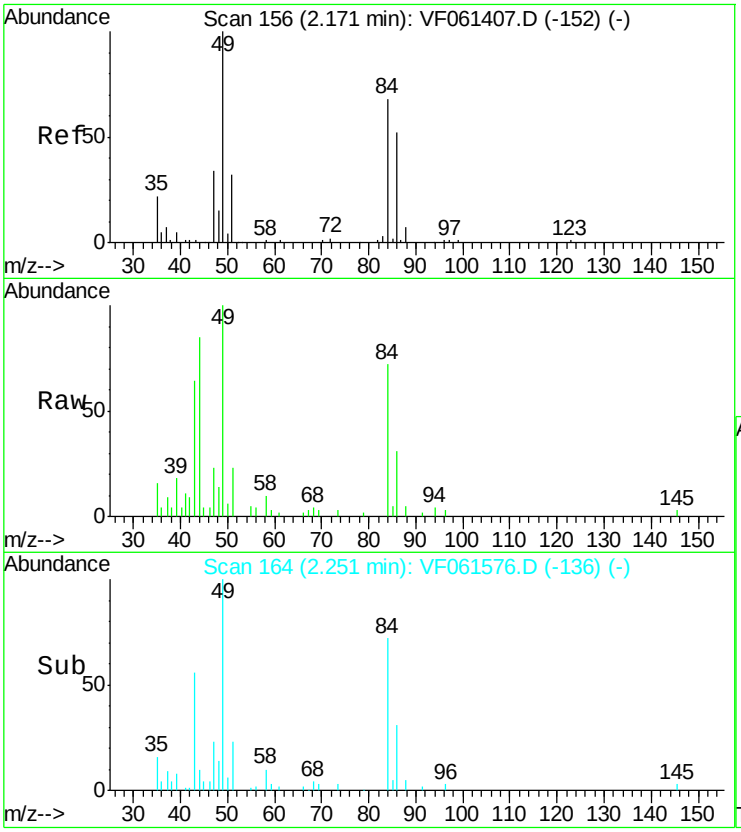


#16
Acetone
Concen: 43.550 ug/l
RT: 2.23 min Scan# 162
Delta R.T. 0.00 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Tgt Ion: 43 Resp: 17928

Ion	Ratio	Lower	Upper
43	100		
58	13.4	13.3	19.9

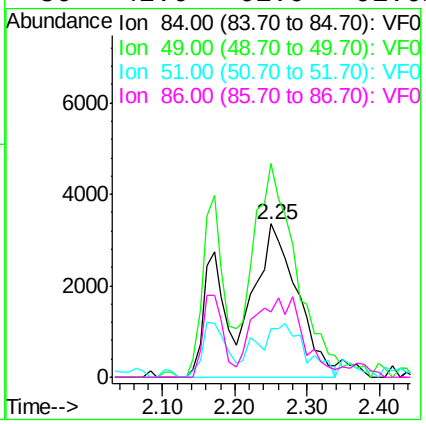




#20
Methylene Chloride
Concen: 12.559 ug/l m
RT: 2.25 min Scan# 164
Delta R.T. 0.08 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

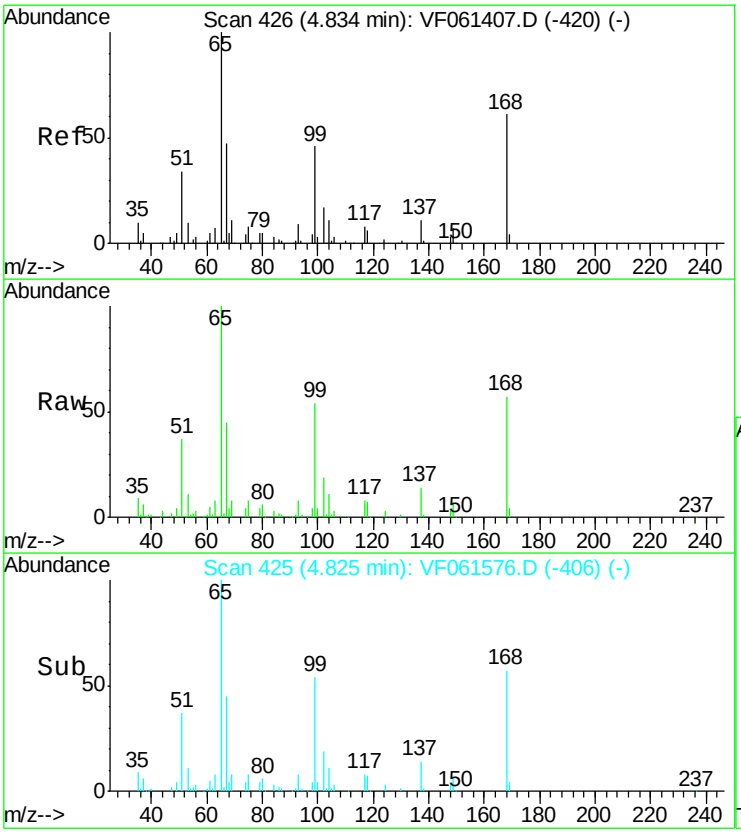
Tgt Ion: 84 Resp: 19389

Ion	Ratio	Lower	Upper
84	100		
49	139.5	120.0	180.0
51	32.1	38.6	58.0#
86	42.6	61.0	91.6#



Instrument :
MSVOA_F
ClientSampleId :
OK-01-020719RE

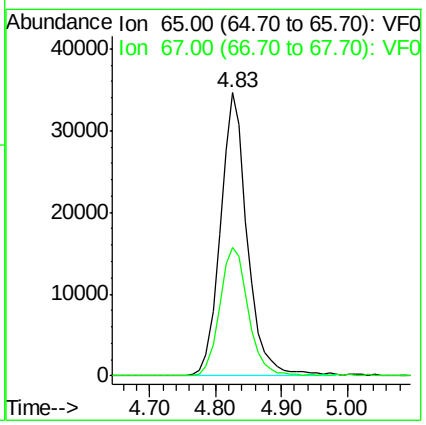
Manual Integrations APPROVED
MMDadoda
2/12/2019 2:32:19 AM

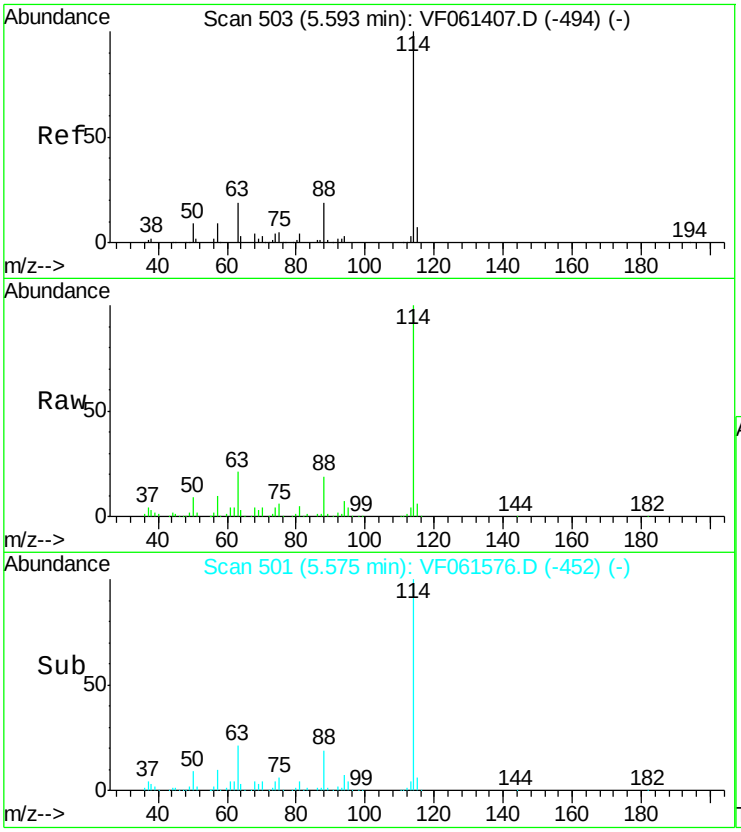


#33
1,2-Dichloroethane-d4
Concen: 48.072 ug/l
RT: 4.83 min Scan# 425
Delta R.T. -0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Tgt Ion: 65 Resp: 98646

Ion	Ratio	Lower	Upper
65	100		
67	45.4	0.0	99.8

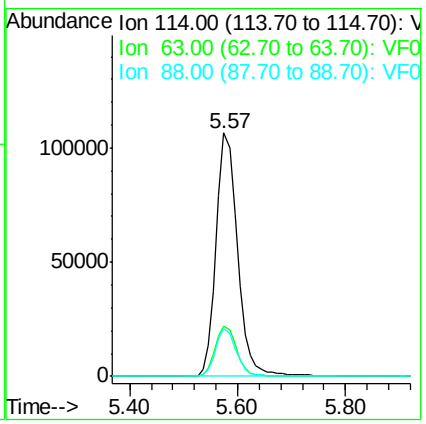




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.02 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

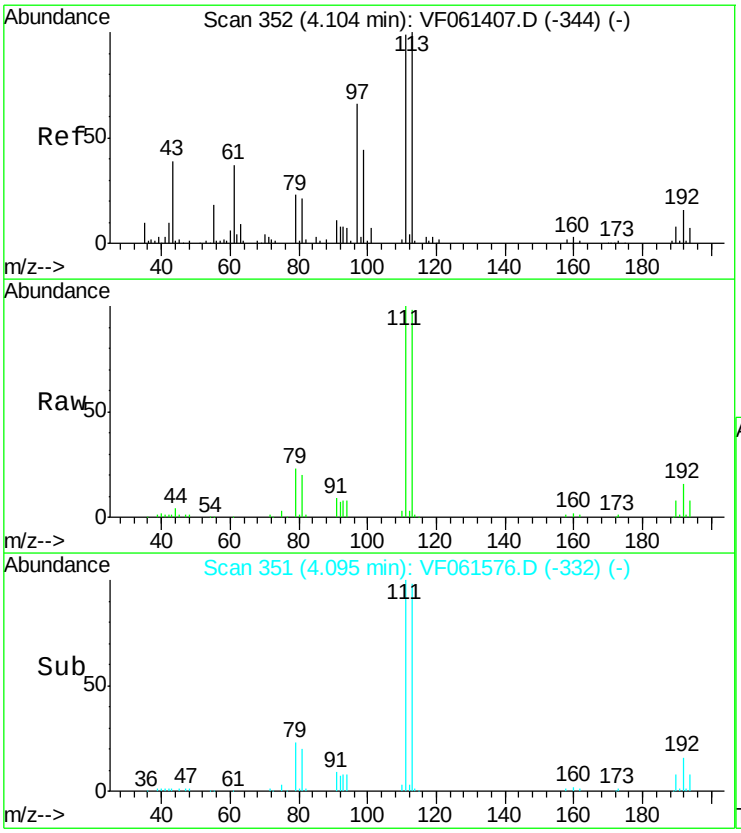
Tgt Ion:114 Resp: 294205

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.0
88	19.4	0.0	37.4



Instrument :
MSVOA_F
ClientSampleId :
OK-01-020719RE

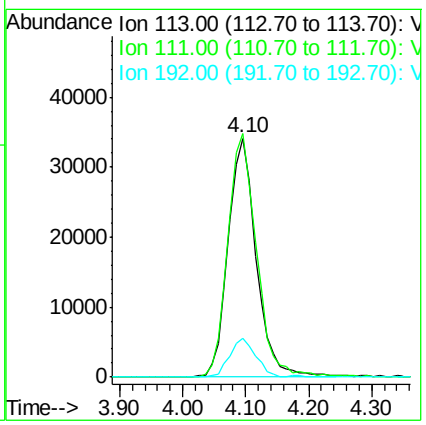
Manual Integrations APPROVED
MMDadoda
2/12/2019 2:32:19 AM

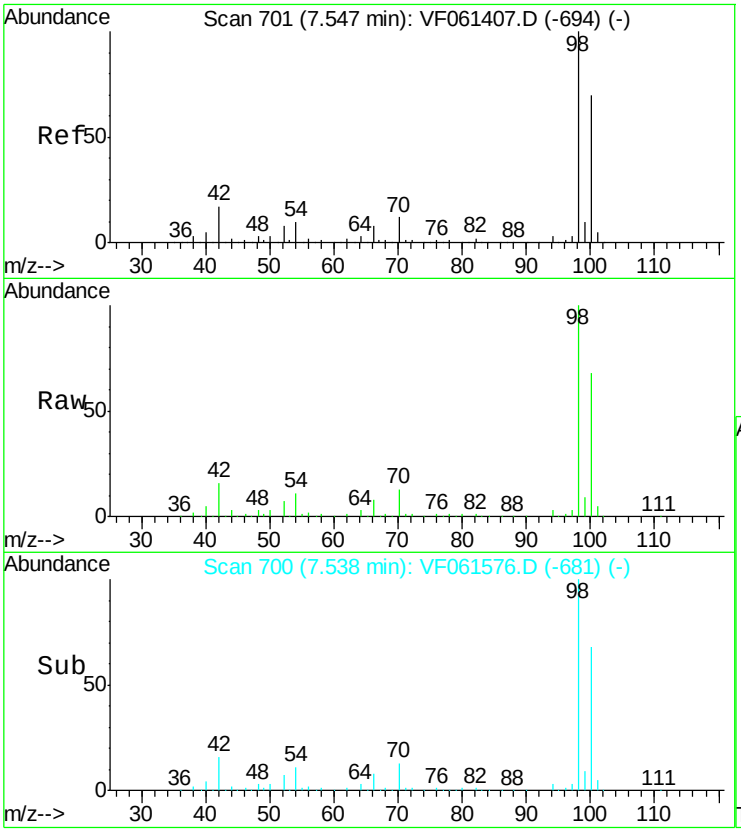


#35
Dibromofluoromethane
Concen: 45.380 ug/l
RT: 4.10 min Scan# 351
Delta R.T. -0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Tgt Ion:113 Resp: 105352

Ion	Ratio	Lower	Upper
113	100		
111	100.8	79.4	119.0
192	16.6	12.4	18.6

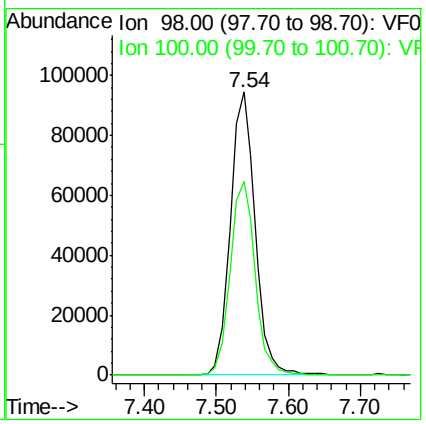




#50
Toluene-d8
Concen: 35.627 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

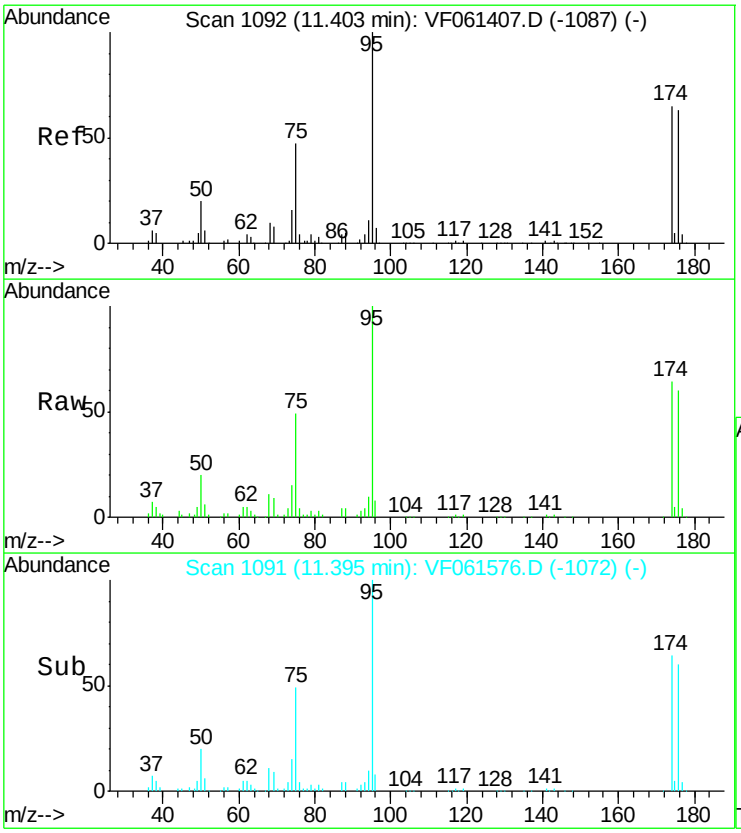
Tgt Ion: 98 Resp: 226608

Ion	Ratio	Lower	Upper
98	100		
100	68.5	55.6	83.4



Instrument :
MSVOA_F
ClientSampleId :
OK-01-020719RE

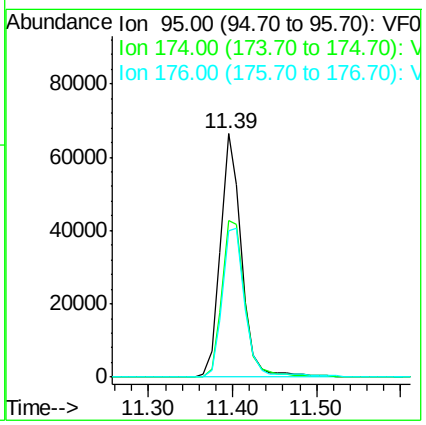
Manual Integrations APPROVED
MMDadoda
2/12/2019 2:32:19 AM

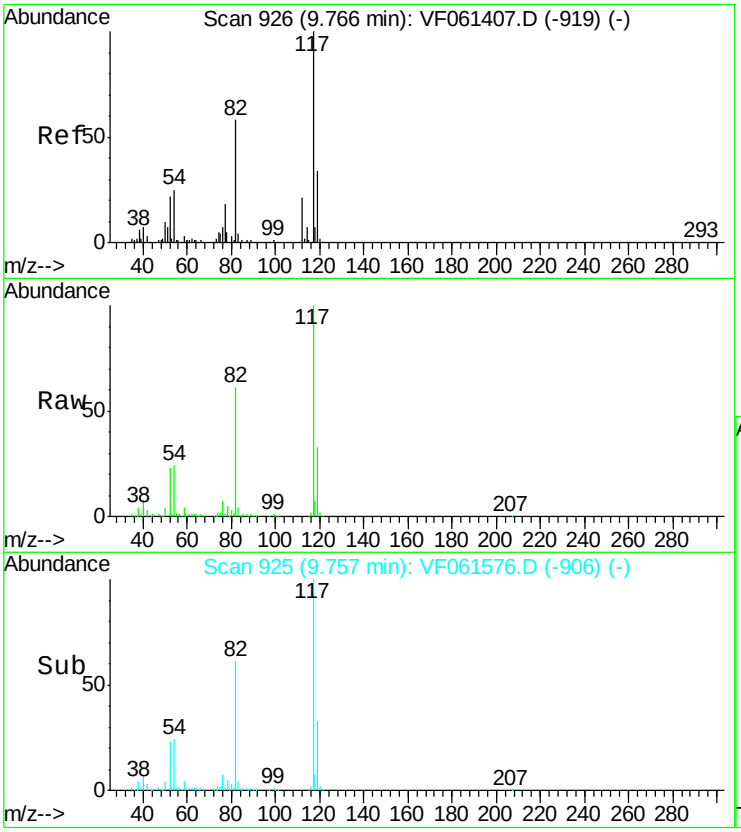


#62
4-Bromofluorobenzene
Concen: 39.083 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Tgt Ion: 95 Resp: 116149

Ion	Ratio	Lower	Upper
95	100		
174	64.1	0.0	130.4
176	59.9	0.0	126.2

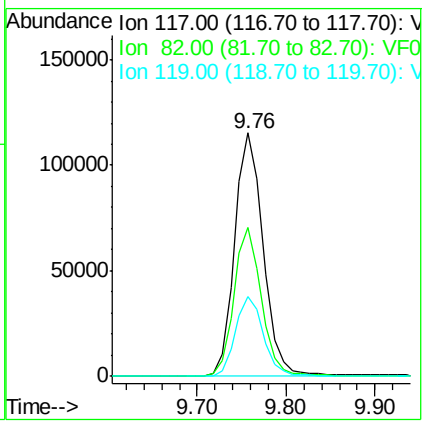




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

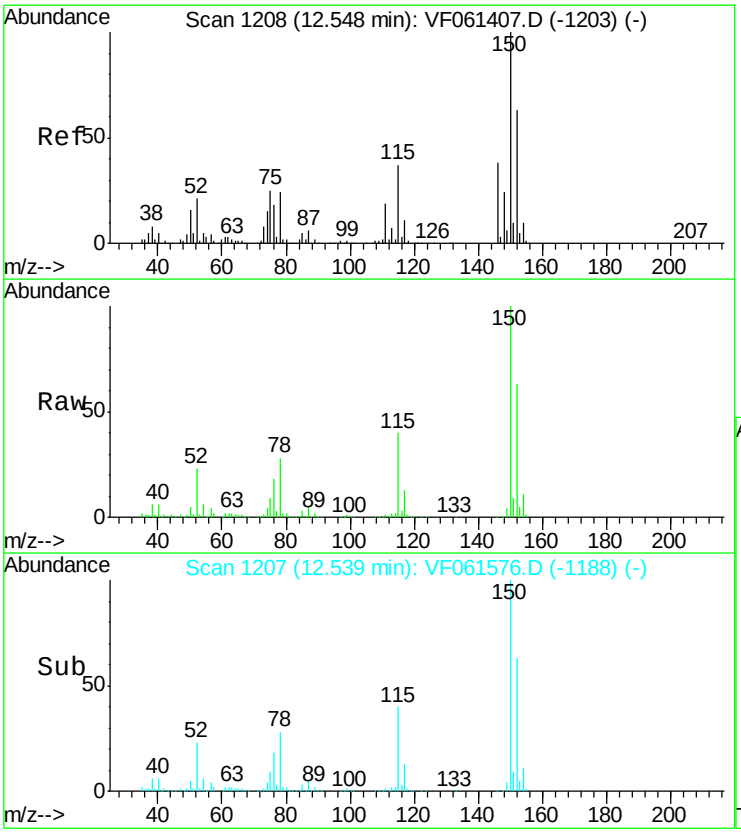
Tgt Ion:117 Resp: 258743

Ion	Ratio	Lower	Upper
117	100		
82	61.2	46.4	69.6
119	32.6	27.2	40.8



Instrument :
MSVOA_F
ClientSampleId :
OK-01-020719RE

Manual Integrations APPROVED
MMDadoda
2/12/2019 2:32:19 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Tgt Ion:152 Resp: 126669

Ion	Ratio	Lower	Upper
152	100		
115	63.5	30.0	90.0
150	158.7	0.0	321.4