Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022619\
Data File : VF061758.D
Acq On : 26 Feb 2019 23:18
Operator : VA/AP
Sample : K1628-04
Misc : 6.49g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
A0C6-2-0.5-1.0

Manual Integrations APPROVED
MMDadoda
2/27/2019 3:20:57 PM

Quant Time: Feb 27 04:52:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	343121	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	526596	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.75	117	455616	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	252795	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	102344	40.67	ug/l	-0.04
Spiked Amount 50.000			Recovery =	81.34%		
35) Dibromofluoromethane	4.09	113	157340	40.23	ug/l	-0.03
Spiked Amount 50.000			Recovery =	80.46%		
50) Toluene-d8	7.53	98	392153	34.88	ug/l	-0.03
Spiked Amount 50.000			Recovery =	69.76%		
62) 4-Bromofluorobenzene	11.39	95	175921	38.68	ug/l	-0.02
Spiked Amount 50.000			Recovery =	77.36%		
Target Compounds						Qvalue
16) Acetone	2.22	43	14576	27.000	ug/l	97
20) Methylene Chloride	2.17	84	31588m	8.845	ug/l	
64) Tetrachloroethene	8.13	164	6210	1.667	ug/l	85

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

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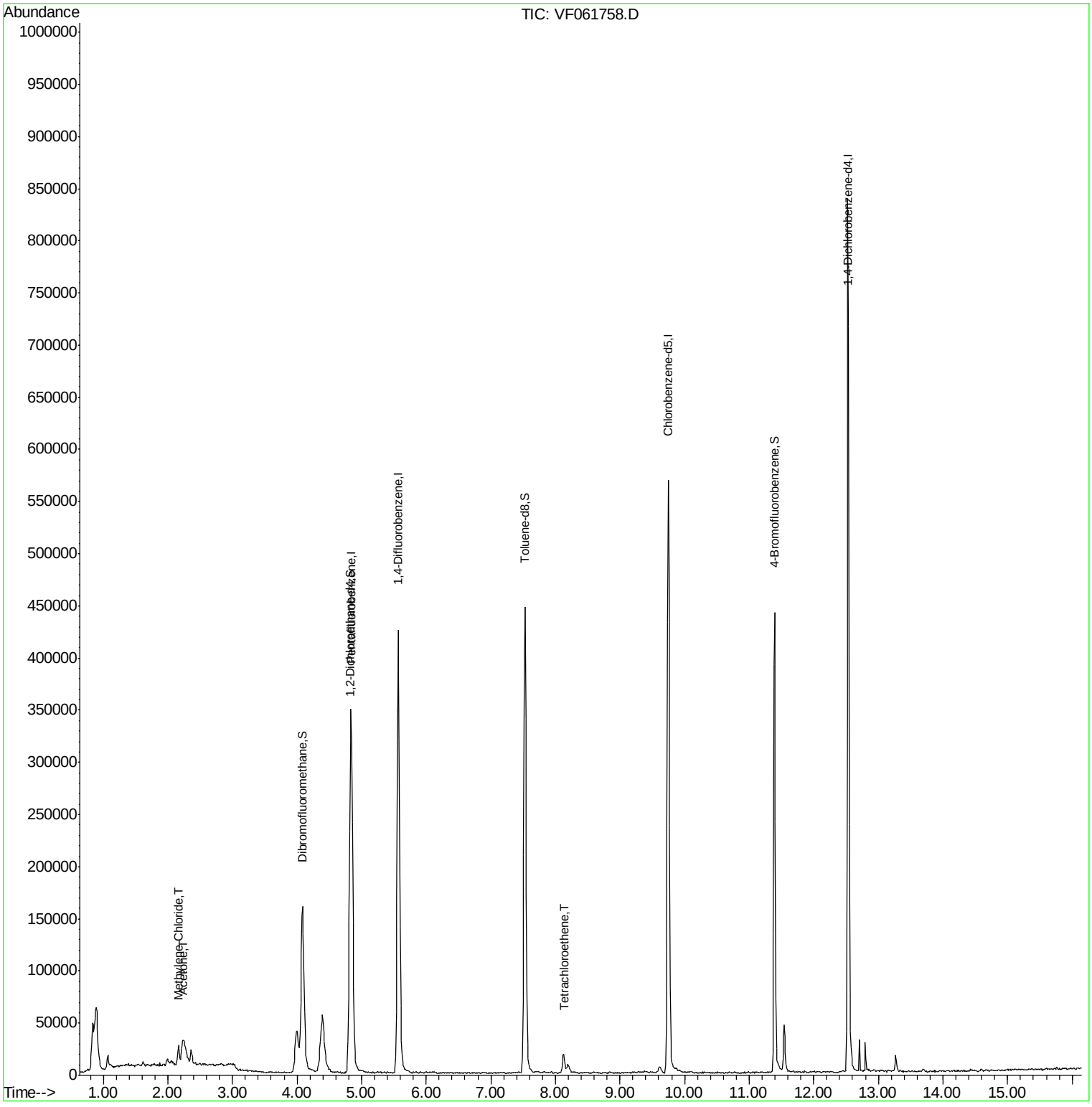
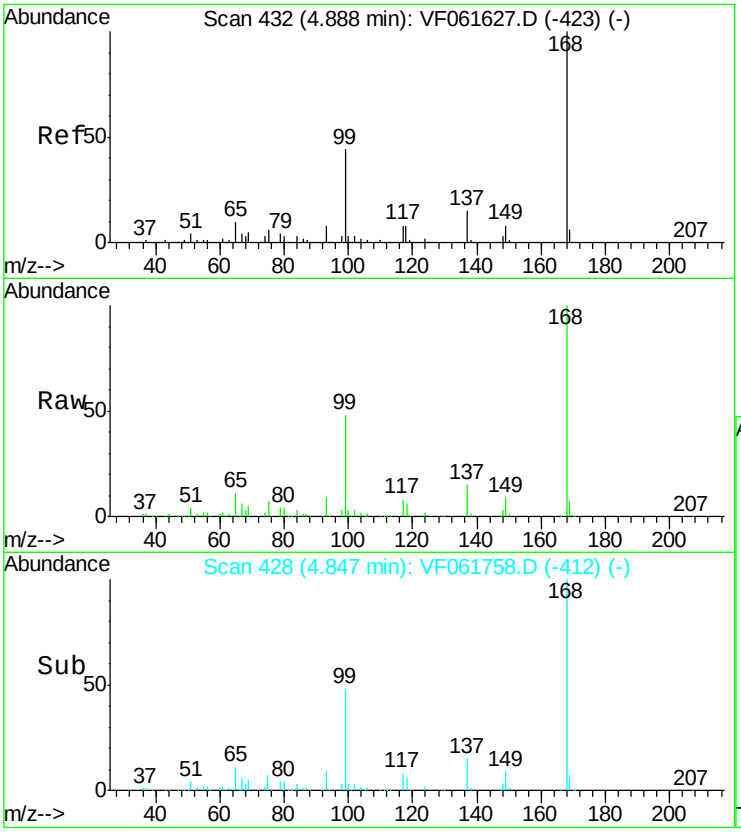
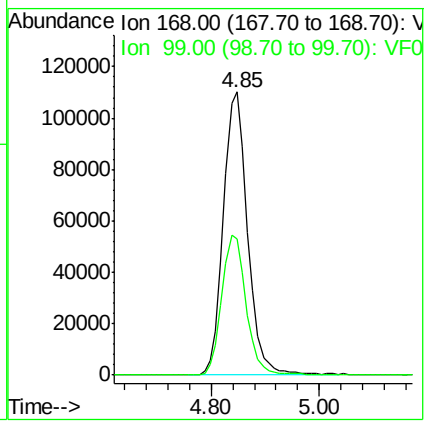




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.04 min
Lab File: VF061758.D
Acq: 26 Feb 2019 23:18

Tgt Ion:168 Resp: 343121

Ion	Ratio	Lower	Upper
168	100		
99	48.2	34.9	52.3



Instrument :
MSVOA_F
ClientSampleId :
A0C6-2-0.5-1.0

Manual Integrations APPROVED
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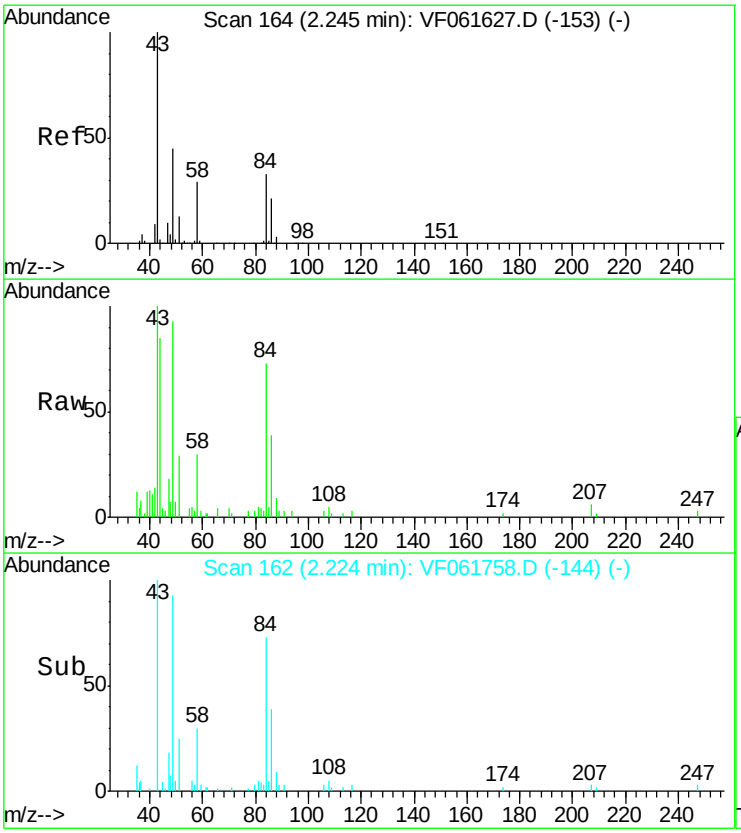
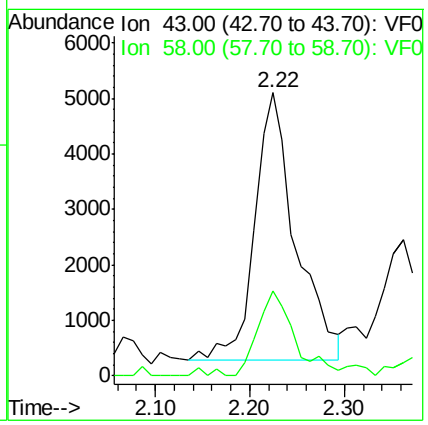
2/27/2019 3:20:57 PM

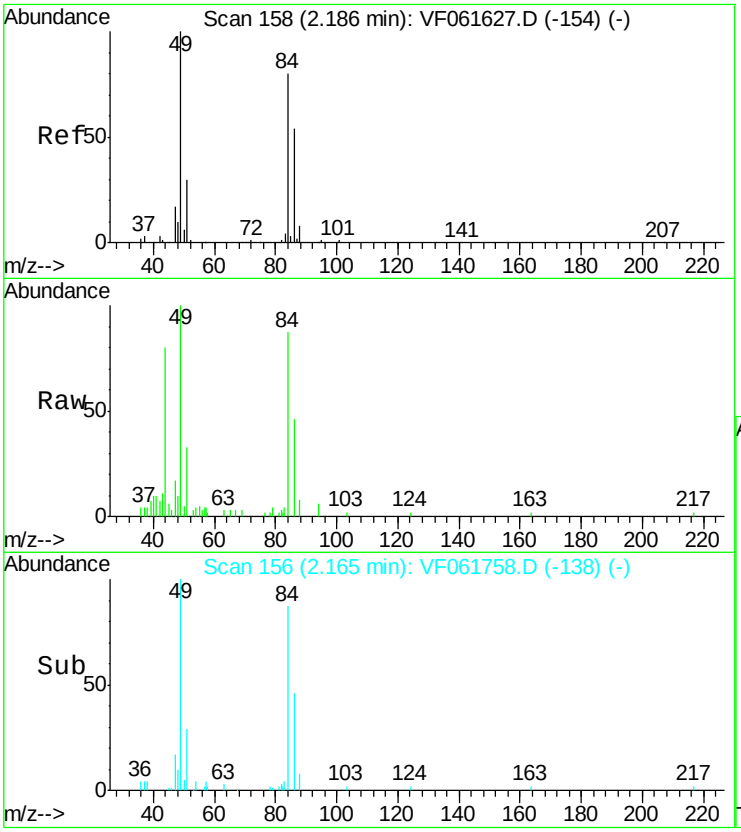


#16
Acetone
Concen: 27.000 ug/l
RT: 2.22 min Scan# 162
Delta R.T. -0.02 min
Lab File: VF061758.D
Acq: 26 Feb 2019 23:18

Tgt Ion: 43 Resp: 14576

Ion	Ratio	Lower	Upper
43	100		
58	30.1	22.9	34.3

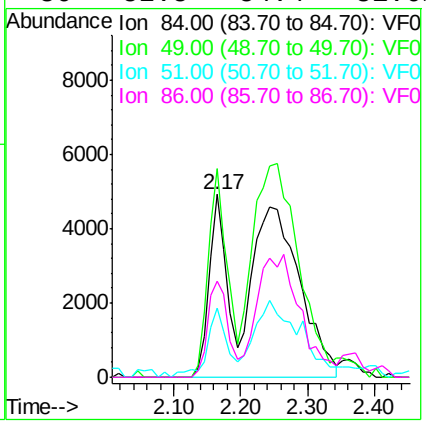




#20
Methylene Chloride
Concen: 8.845 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF061758.D
Acq: 26 Feb 2019 23:18

Tgt Ion: 84 Resp: 31588

Ion	Ratio	Lower	Upper
84	100		
49	114.5	101.8	152.8
51	37.5	31.1	46.7
86	52.5	54.4	81.6#



Instrument :
MSVOA_F
ClientSampleId :
A0C6-2-0.5-1.0

Manual Integrations APPROVED
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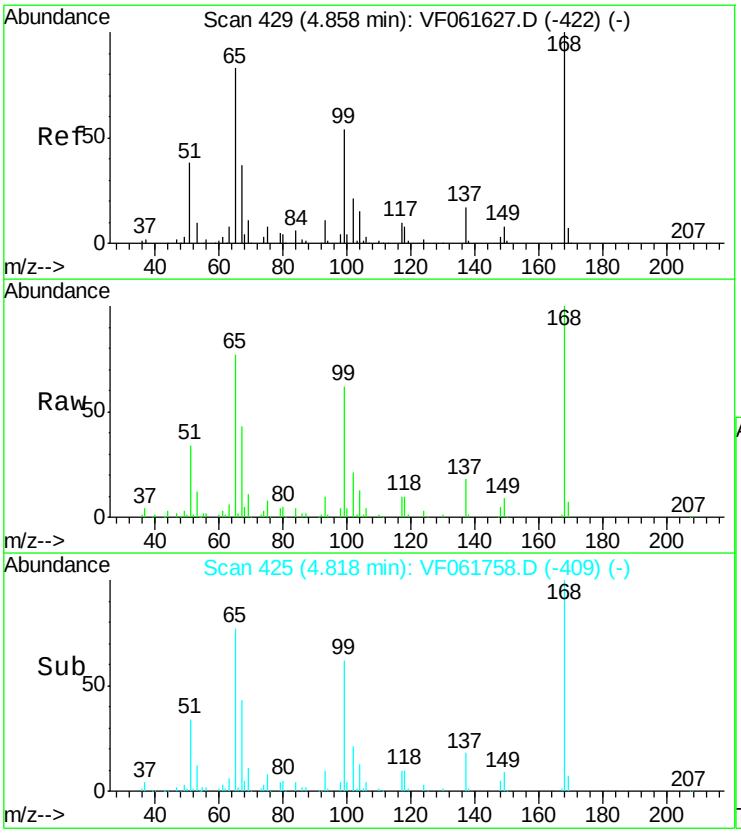
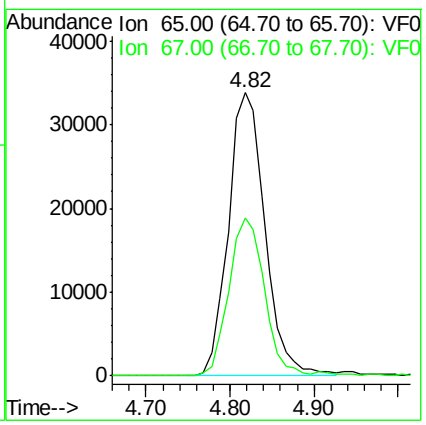
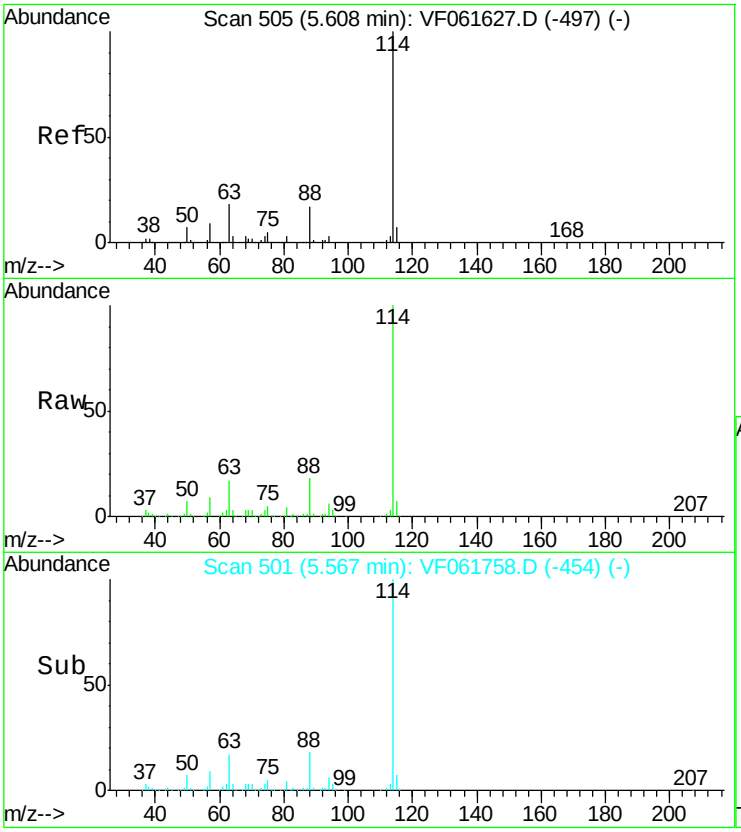


#33
1,2-Dichloroethane-d4
Concen: 40.675 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF061758.D
Acq: 26 Feb 2019 23:18

Tgt Ion: 65 Resp: 102344

Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	104.0

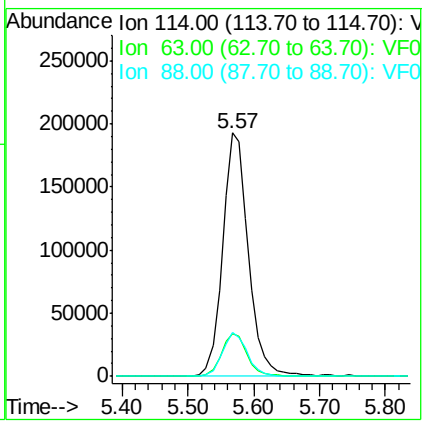




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.04 min
Lab File: VF061758.D
Acq: 26 Feb 2019 23:18

Tgt Ion:114 Resp: 526596

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.6
88	18.0	0.0	34.4



Instrument :
MSVOA_F
ClientSampleId :
A0C6-2-0.5-1.0

Manual Integrations APPROVED
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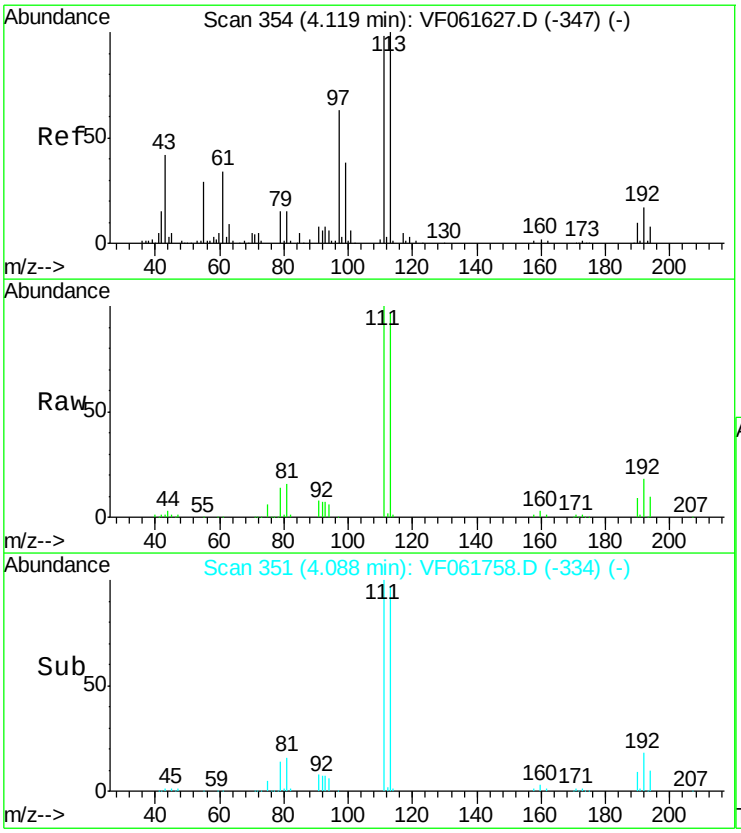
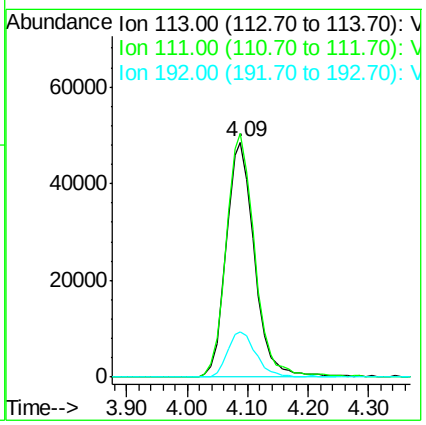
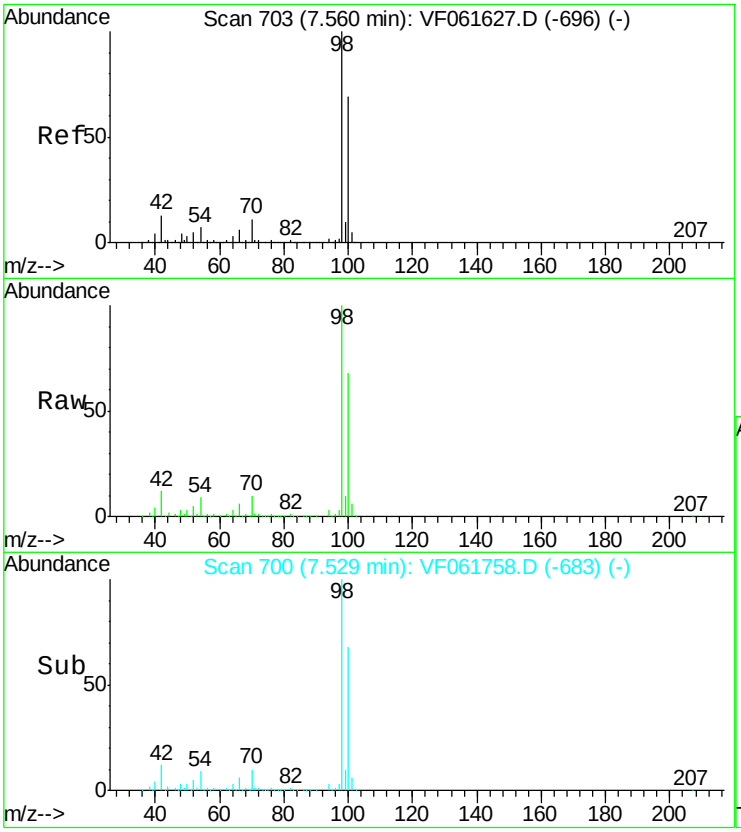


#35
Dibromofluoromethane
Concen: 40.235 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061758.D
Acq: 26 Feb 2019 23:18

Tgt Ion:113 Resp: 157340

Ion	Ratio	Lower	Upper
113	100		
111	103.6	78.8	118.2
192	19.0	13.4	20.0

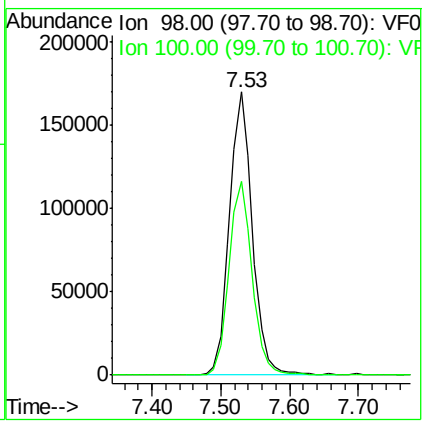




#50
Toluene-d8
Concen: 34.884 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061758.D
Acq: 26 Feb 2019 23:18

Tgt Ion: 98 Resp: 392153

Ion	Ratio	Lower	Upper
98	100		
100	68.4	55.4	83.2



Instrument :
MSVOA_F
ClientSampleId :
A0C6-2-0.5-1.0

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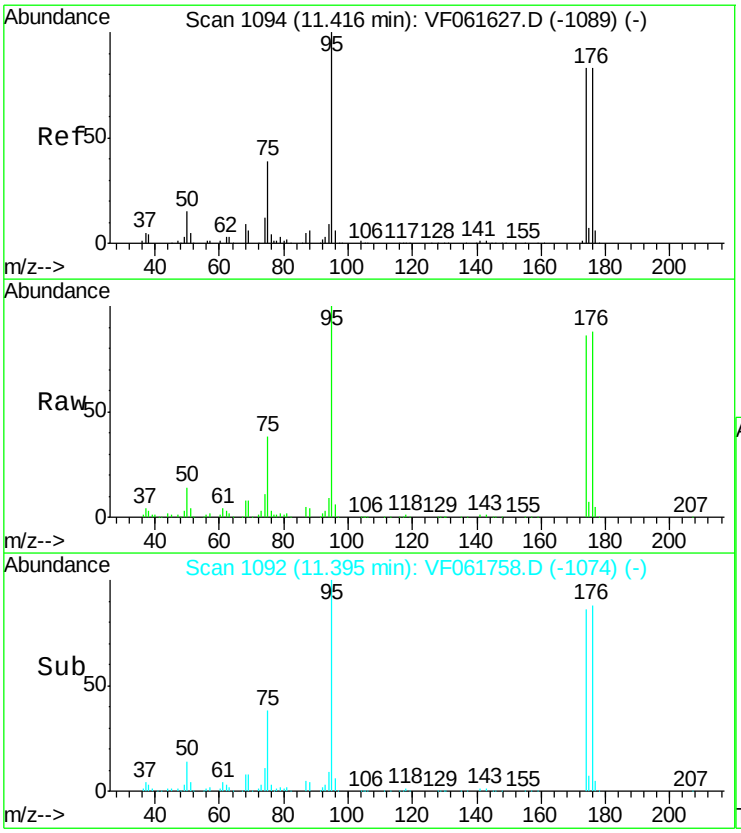
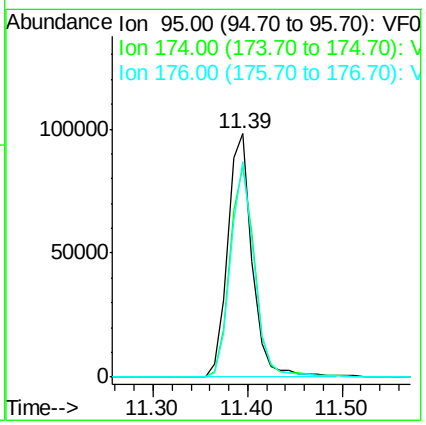
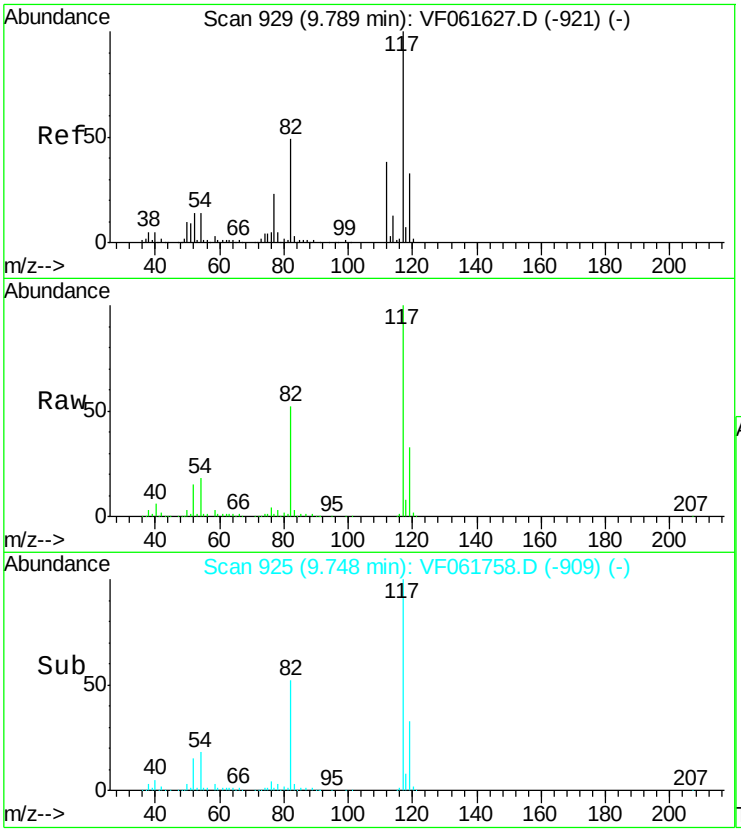


#62
4-Bromofluorobenzene
Concen: 38.676 ug/l
RT: 11.39 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061758.D
Acq: 26 Feb 2019 23:18

Tgt Ion: 95 Resp: 175921

Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	165.8
176	88.3	0.0	167.0

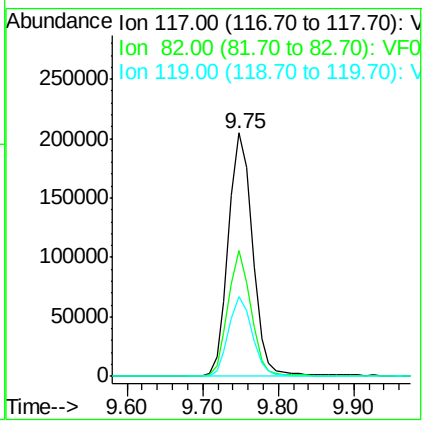




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF061758.D
Acq: 26 Feb 2019 23:18

Tgt Ion:117 Resp: 455616

Ion	Ratio	Lower	Upper
117	100		
82	51.7	39.3	58.9
119	32.8	26.6	40.0



Instrument :
MSVOA_F
ClientSampleId :
A0C6-2-0.5-1.0

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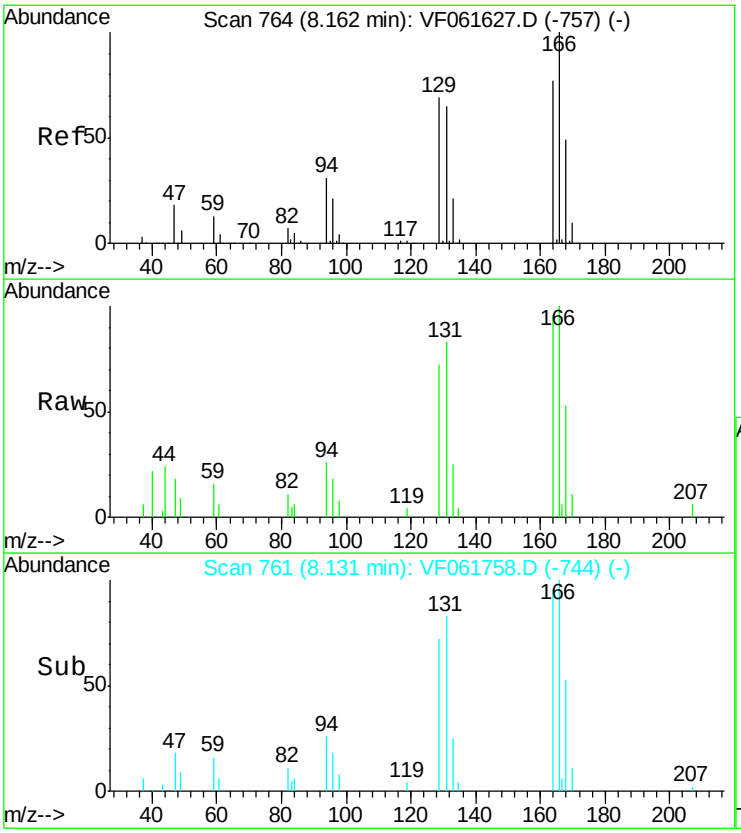
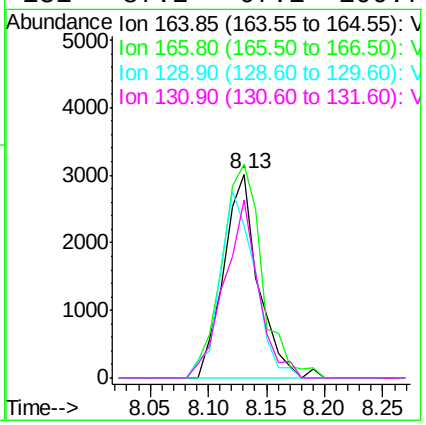
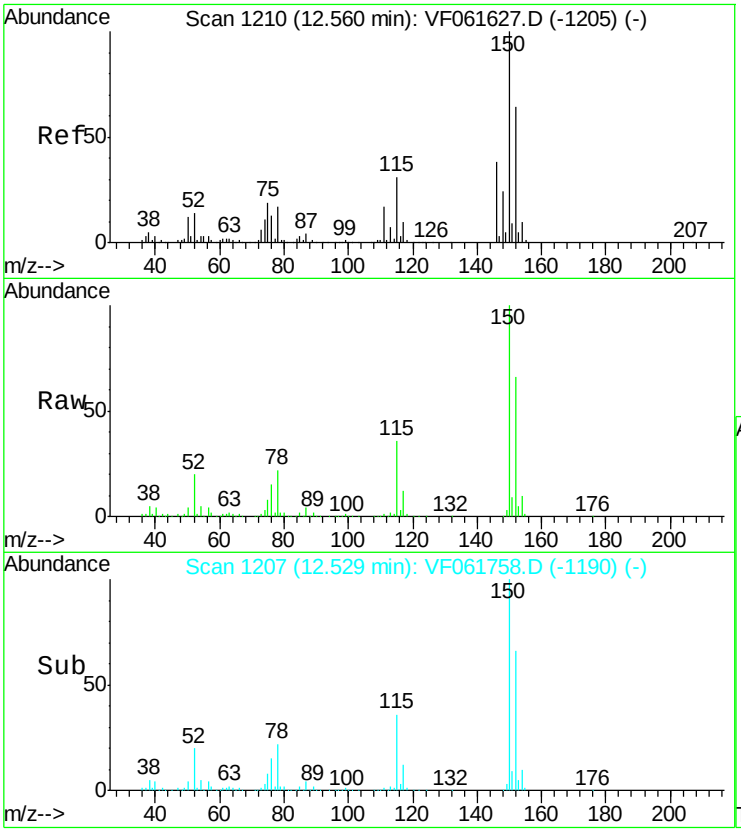


#64
Tetrachloroethene
Concen: 1.667 ug/l
RT: 8.13 min Scan# 761
Delta R.T. -0.03 min
Lab File: VF061758.D
Acq: 26 Feb 2019 23:18

Tgt Ion:164 Resp: 6210

Ion	Ratio	Lower	Upper
164	100		
166	104.7	103.9	155.9
129	74.9	71.3	106.9
131	87.2	67.1	100.7

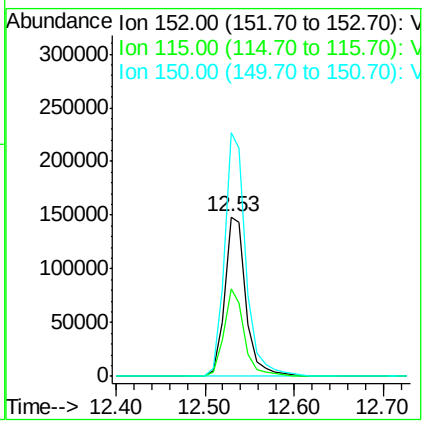




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.03 min
Lab File: VF061758.D
Acq: 26 Feb 2019 23:18

Tgt Ion:152 Resp: 252795

Ion	Ratio	Lower	Upper
152	100		
115	55.0	24.3	72.8
150	152.4	0.0	312.0



Instrument :
MSVOA_F
ClientSampleId :
A0C6-2-0.5-1.0

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