

Data File : VF062463.D
Acq On : 11 May 2019 16:40
Operator : FY/SY
Sample : K2729-04
Misc : 5.95g/5mL/MSVOA_F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-5

Manual Integrations
APPROVED

MMDadoda
5/12/2019 12:04:37 PM

Quant Time: May 12 04:26:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	312652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	411890	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	319687	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	165771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	151811	51.38	ug/l	0.02
Spiked Amount 50.000			Recovery	=	102.76%	
35) Dibromofluoromethane	4.31	113	162970	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	7.71	98	339417	42.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.46%	
62) 4-Bromofluorobenzene	11.49	95	136599	38.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.24%	
Target Compounds						
20) Methylene Chloride	2.34	84	21725m	10.046	ug/l	Qvalue
44) Trichloroethene	5.69	130	9560	3.340	ug/l	96

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

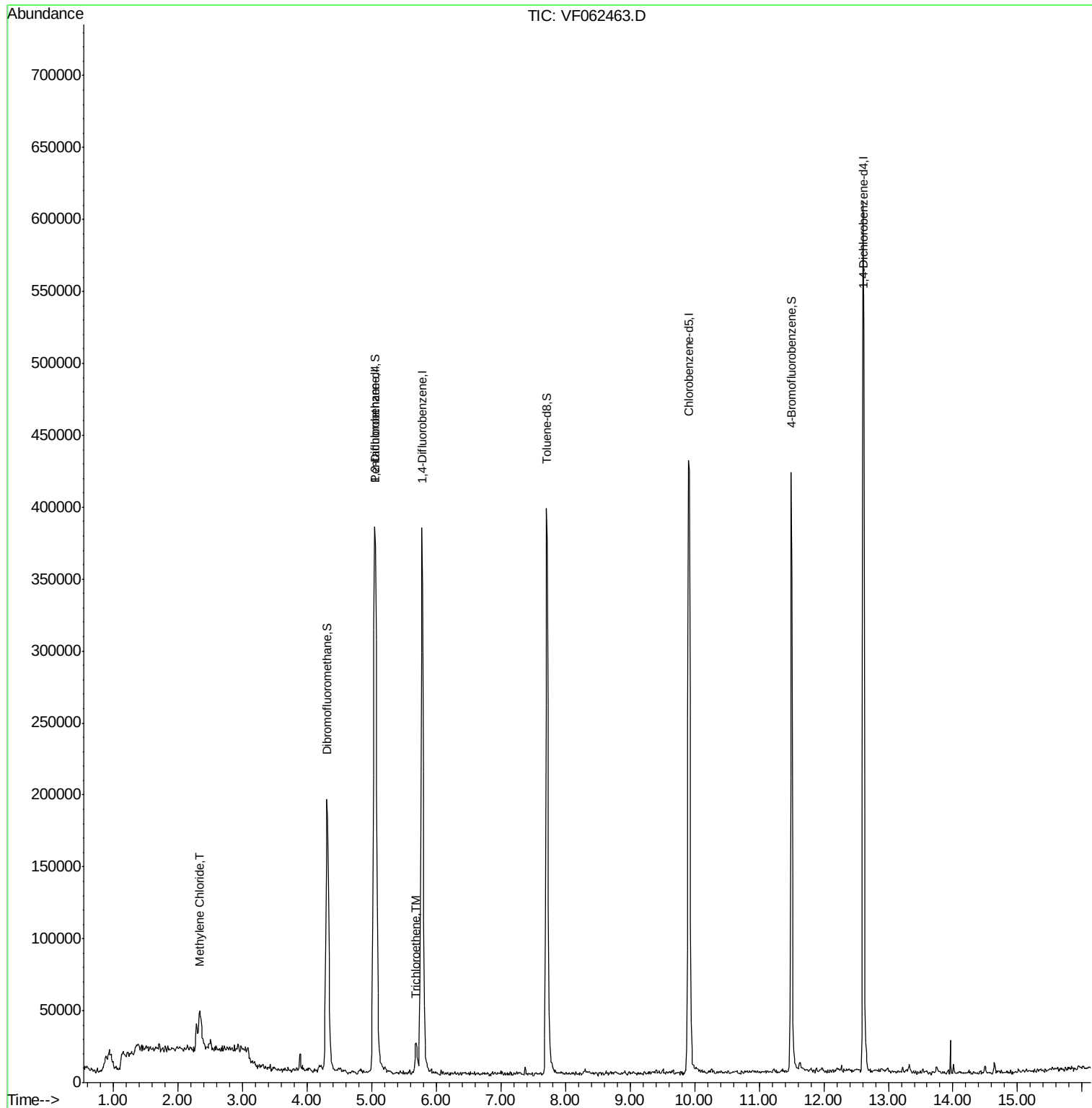
Data File : VF062463.D
Acq On : 11 May 2019 16:40
Operator : FY/SY
Sample : K2729-04
Misc : 5.95g/5mL/MSVOA_F/SOIL
ALS Vial : 14 Sample Multiplier: 1

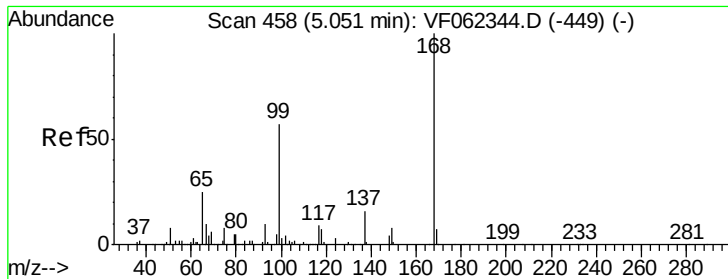
Instrument :
MSVOA_F
ClientSampleId :
B-5

Manual Integrations
APPROVED

MMDadoda
5/12/2019 12:04:37 PM

Quant Time: May 12 04:26:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF062463.D

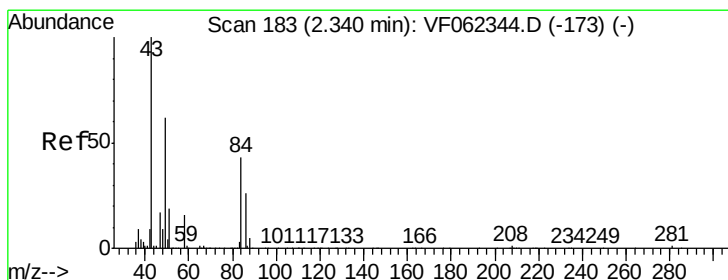
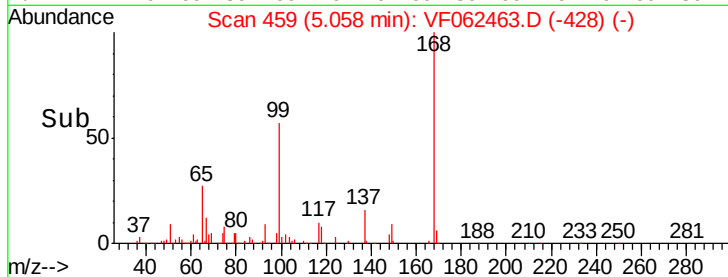
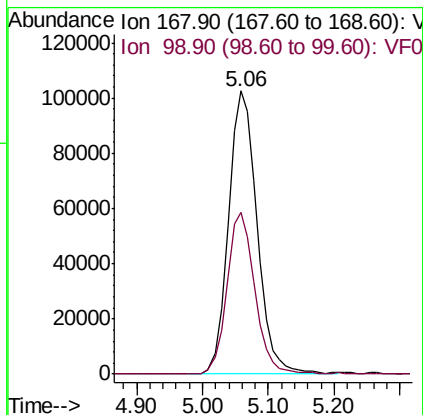
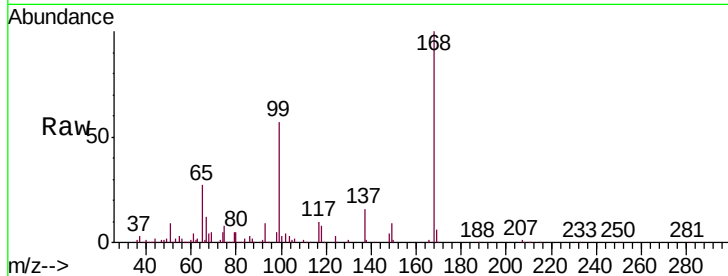
Acq: 11 May 2019 16:40

Instrument :
MSVOA_F
ClientSampled :
B-5

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	312652		
99	57.1	45.9	68.9	

Manual Integrations
APPROVED

MMDadoda
5/12/2019 12:04:37 PM



#20

Methylene Chloride

Concen: 10.046 ug/l m

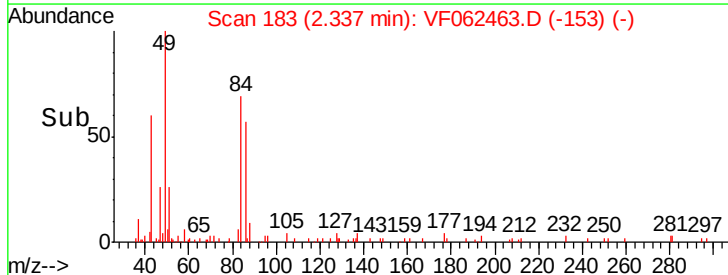
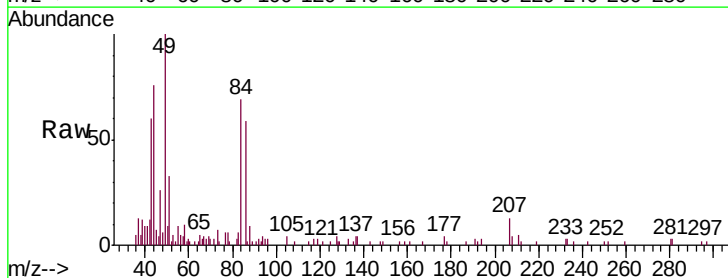
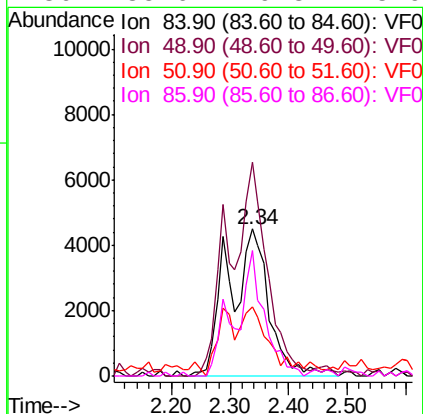
RT: 2.34 min Scan# 183

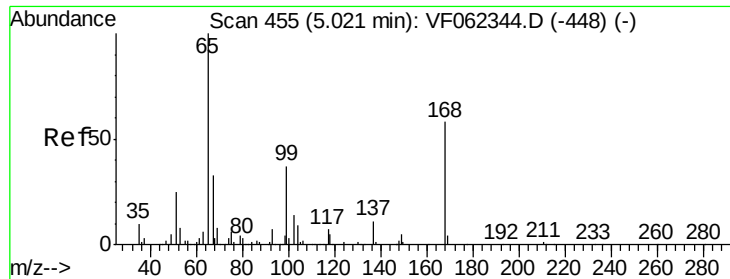
Delta R.T. -0.00 min

Lab File: VF062463.D

Acq: 11 May 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	21725		
49	145.4	117.5	176.3	
51	47.4	37.0	55.4	
86	85.6	49.3	73.9	





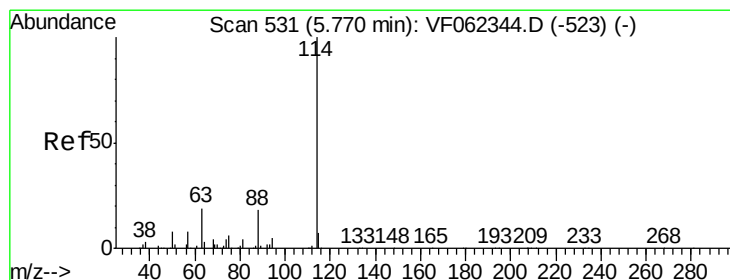
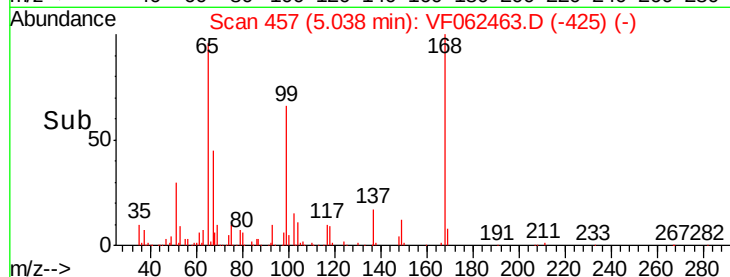
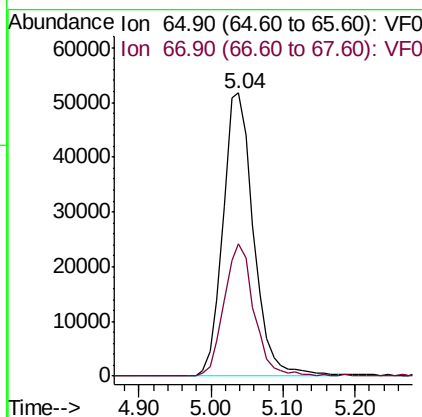
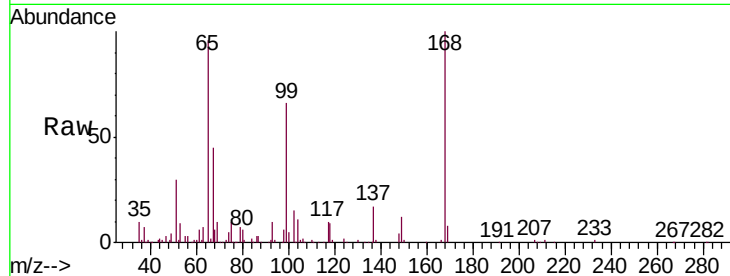
#33
 1,2-Dichloroethane-d4
 Concen: 51.380 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. 0.02 min
 Lab File: VF062463.D
 Acq: 11 May 2019 16:40

Instrument :
 MSVOA_F
 ClientSampled :
 B-5

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	151811		
67	46.1	0.0	85.8	

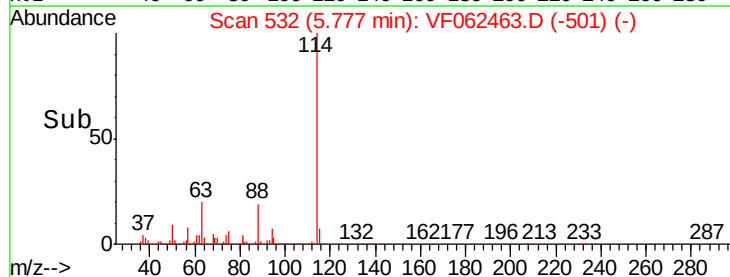
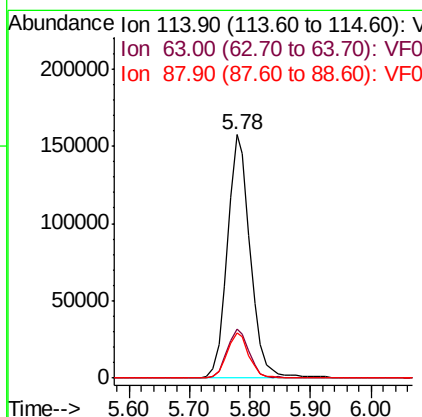
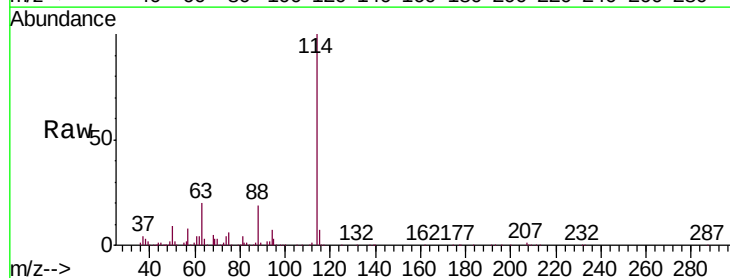
Manual Integrations
 APPROVED

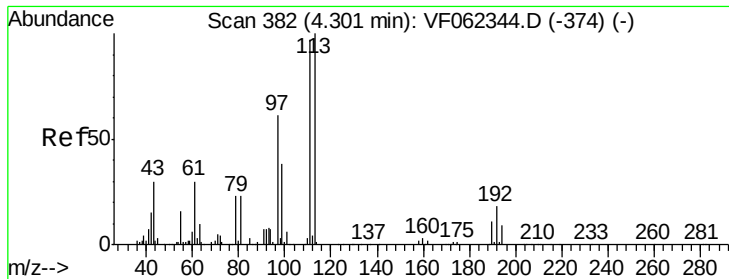
MMDadoda
 5/12/2019 12:04:37 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VF062463.D
 Acq: 11 May 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	411890		
63	20.1	0.0	37.4	
88	18.7	0.0	36.4	





#35

Dibromofluoromethane

Concen: 49.664 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF062463.D

Acq: 11 May 2019 16:40

Instrument :

MSVOA_F

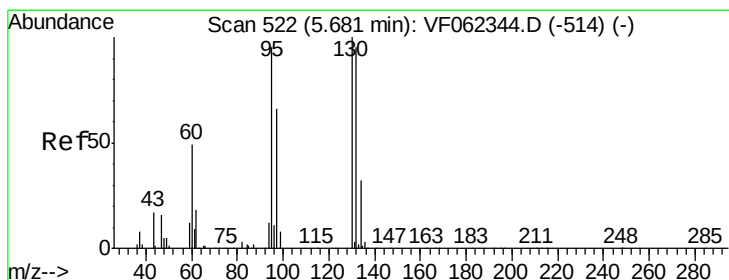
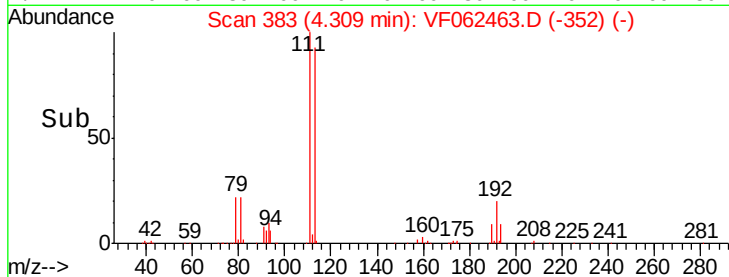
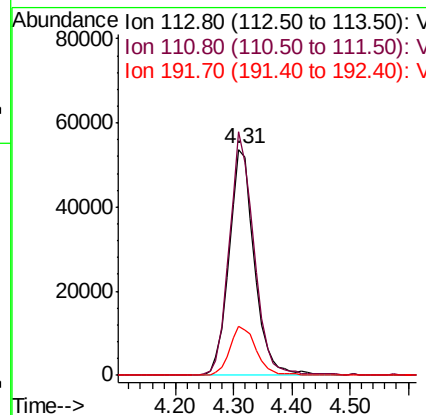
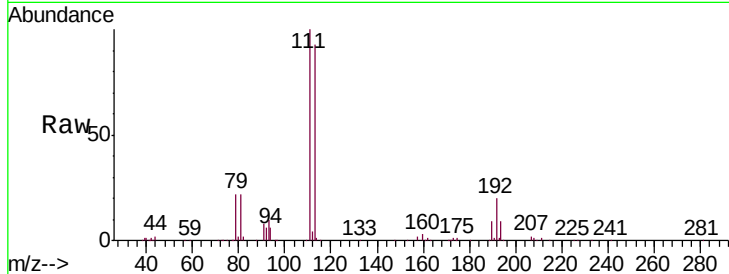
ClientSampled :

B-5

Tgt Ion:	113	Resp:	162970
Ion Ratio	Lower	Upper	
113	100		
111	104.3	79.4	119.0
192	22.6	16.0	24.0

Manual Integrations
APPROVED

MMDadoda
5/12/2019 12:04:37 PM



#44

Trichloroethene

Concen: 3.340 ug/l

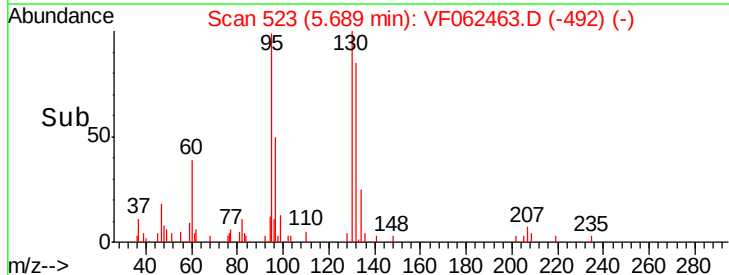
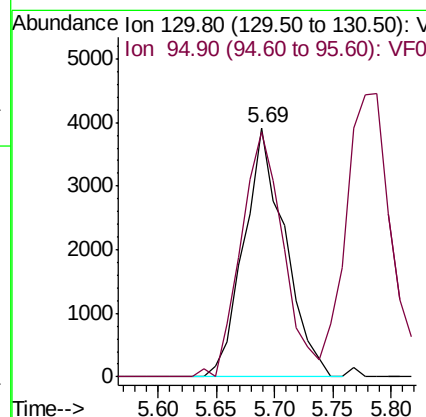
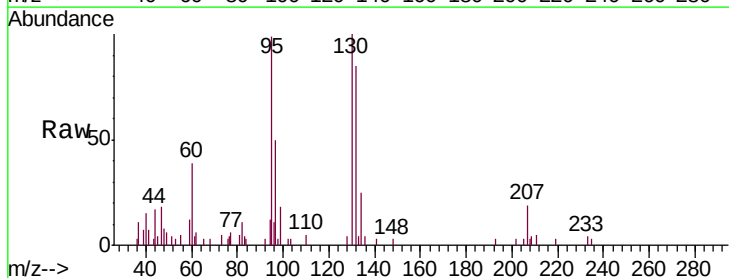
RT: 5.69 min Scan# 523

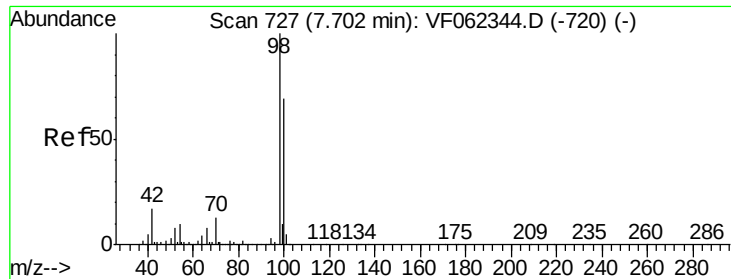
Delta R.T. 0.01 min

Lab File: VF062463.D

Acq: 11 May 2019 16:40

Tgt Ion:	130	Resp:	9560
Ion Ratio	Lower	Upper	
130	100		
95	98.5	0.0	189.0





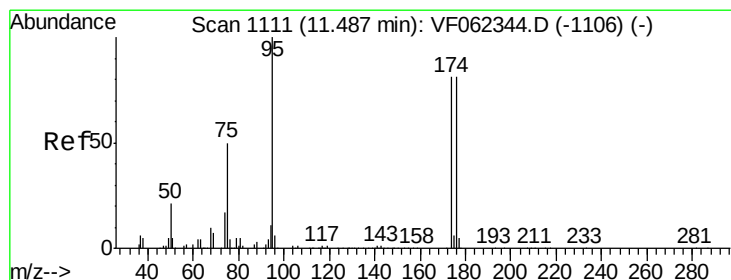
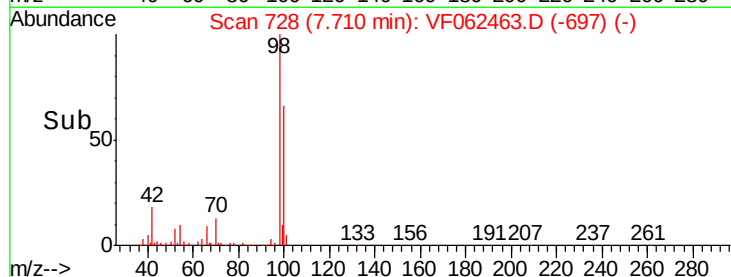
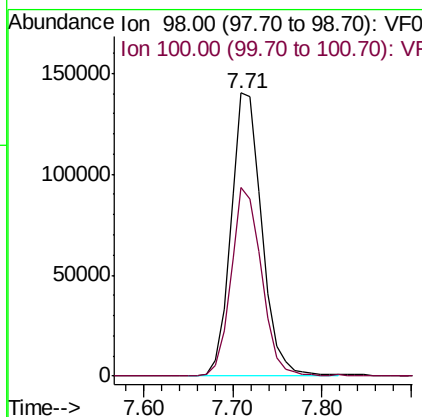
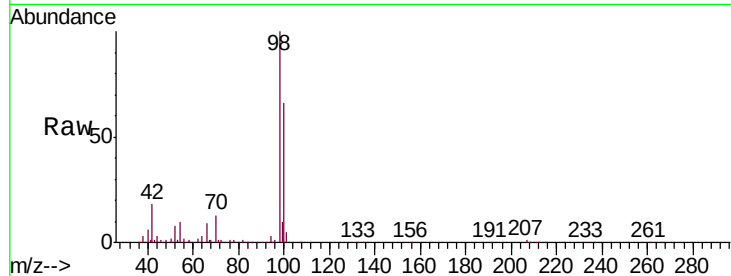
#50
Toluene-d8
Concen: 42.730 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF062463.D
Acq: 11 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
B-5

Tgt Ion: 98 Resp: 339417
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9

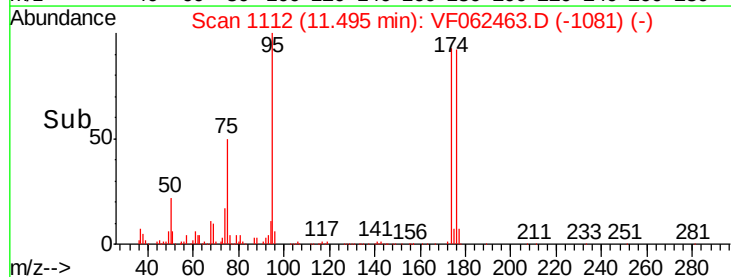
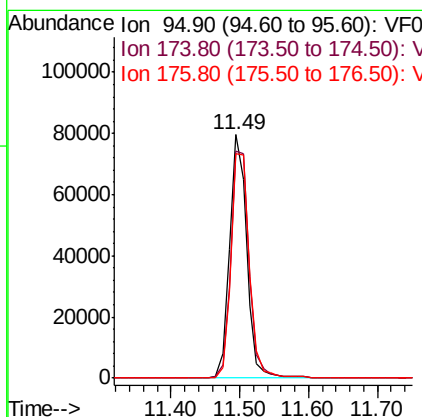
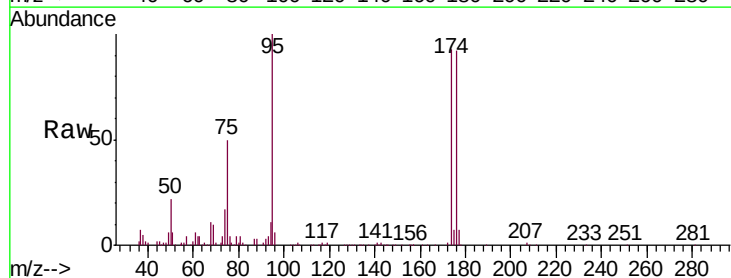
Manual Integrations
APPROVED

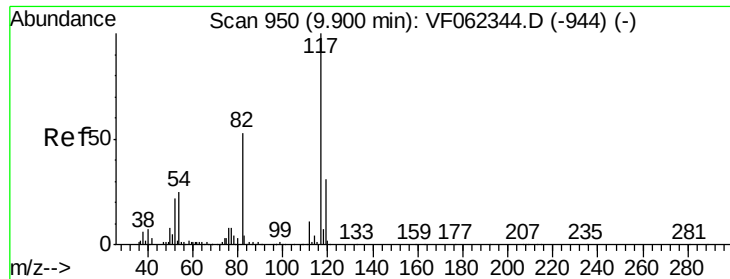
MMDadoda
5/12/2019 12:04:37 PM



#62
4-Bromofluorobenzene
Concen: 38.117 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062463.D
Acq: 11 May 2019 16:40

Tgt Ion: 95 Resp: 136599
Ion Ratio Lower Upper
95 100
174 100.2 0.0 191.8
176 99.2 0.0 193.2





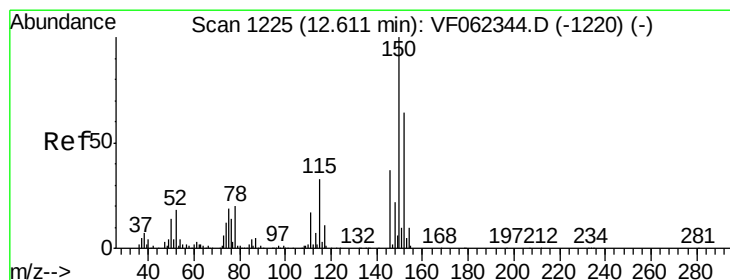
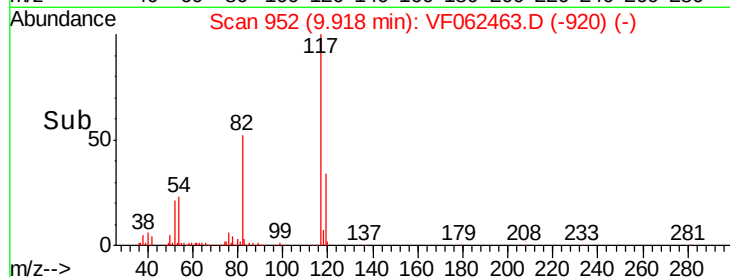
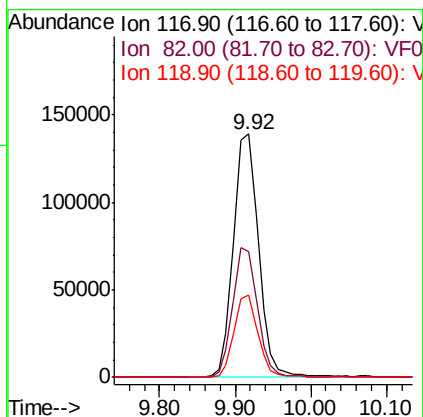
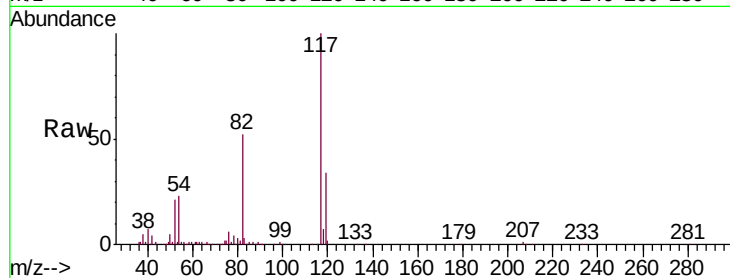
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062463.D
Acq: 11 May 2019 16:40

Instrument :
MSVOA_F
ClientSampled :
B-5

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	319687		
82	51.9	42.2	63.2	
119	33.6	25.0	37.4	

Manual Integrations
APPROVED

MMDadoda
5/12/2019 12:04:37 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062463.D
Acq: 11 May 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	165771		
115	54.1	26.4	79.2	
150	154.7	0.0	335.0	

