

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111618\
 Data File : VF060776.D
 Acq On : 16 Nov 2018 20:46
 Operator : VA/AP
 Sample : J5950-04
 Misc : 5.25µ/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-02

Manual Integrations
 APPROVED

apatel
 11/19/2018 2:01:42 PM

Quant Time: Nov 17 05:01:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	165169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	293564	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	233923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	117818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	80444	42.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.40%	
35) Dibromofluoromethane	4.12	113	94720	42.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.84%	
50) Toluene-d8	7.57	98	223212	38.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.16%	
62) 4-Bromofluorobenzene	11.42	95	99013	36.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.70%	
Target Compounds						
16) Acetone	2.25	43	13138	32.626	ug/l	99
20) Methylene Chloride	2.19	84	5731m	1.507	ug/l	
25) 2-Butanone	4.35	43	14645	22.111	ug/l #	79
85) sec-Butylbenzene	12.31	105	20778	1.916	ug/l	94

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

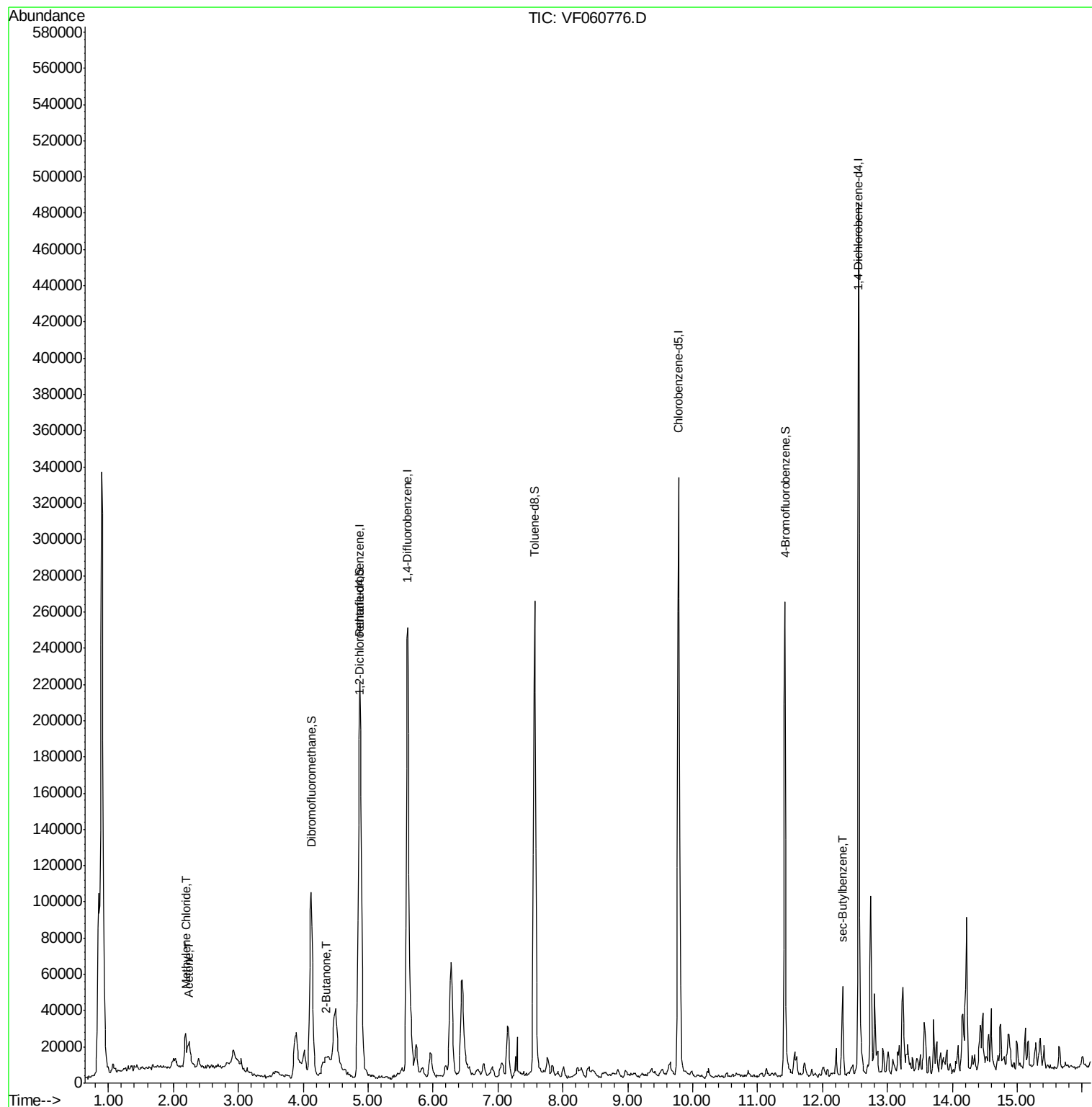
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111618\
Data File : VF060776.D
Acq On : 16 Nov 2018 20:46
Operator : VA/AP
Sample : J5950-04
Misc : 5.25g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

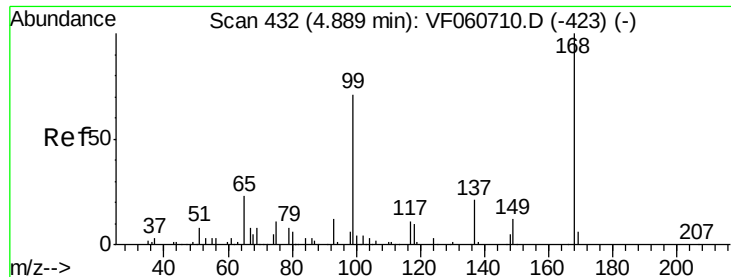
Instrument :
MSVOA_F
ClientSampleId :
SSI-02

Manual Integrations
APPROVED

apatel
11/19/2018 2:01:42 PM

Quant Time: Nov 17 05:01:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF060776.D

Acq: 16 Nov 2018 20:46

Instrument :

MSVOA_F

ClientSampled :

SSI-02

Tot Ion:168 Resp: 165169

Ion Ratio Lower Upper

168 100

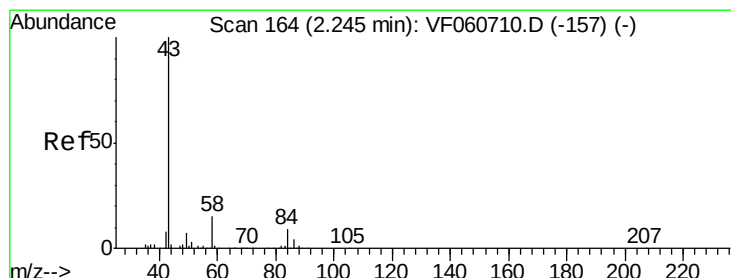
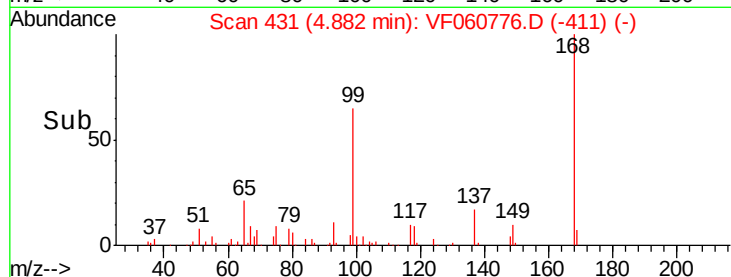
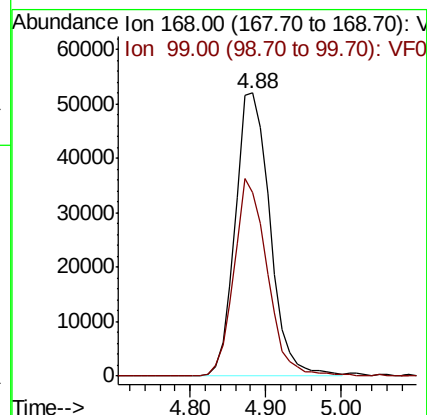
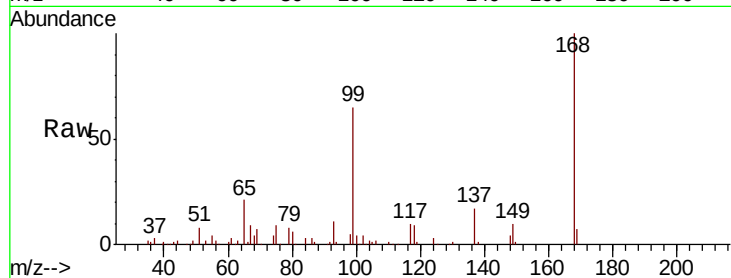
99 64.7 57.2 85.8

Manual Integrations

APPROVED

apatel

11/19/2018 2:01:42 PM



#16

Acetone

Concen: 32.626 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.00 min

Lab File: VF060776.D

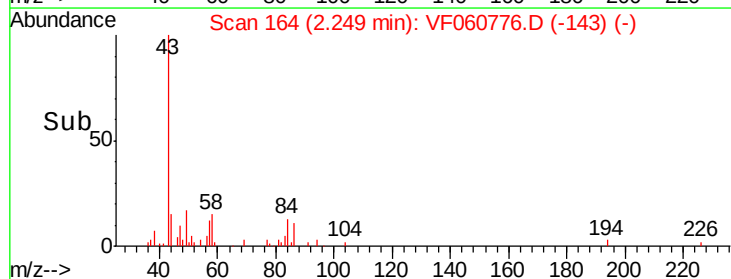
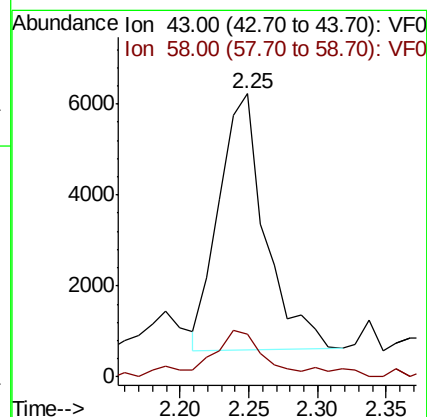
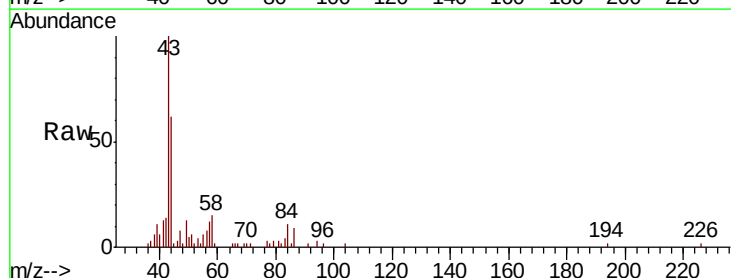
Acq: 16 Nov 2018 20:46

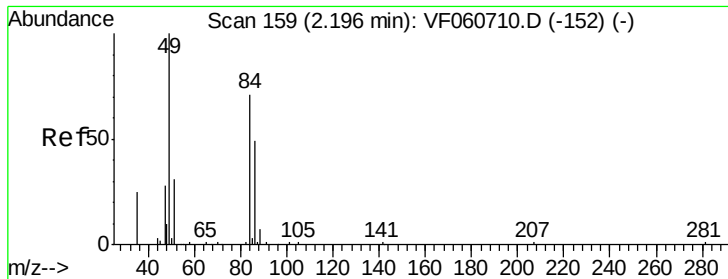
Tgt Ion: 43 Resp: 13138

Ion Ratio Lower Upper

43 100

58 15.1 11.6 17.4





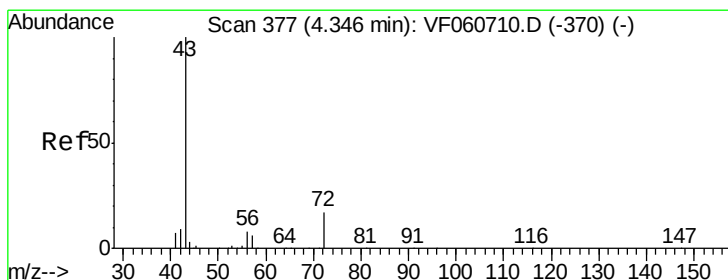
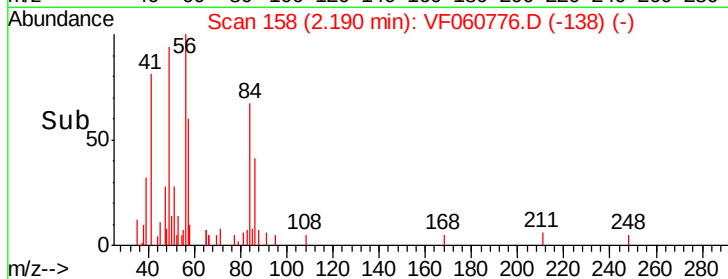
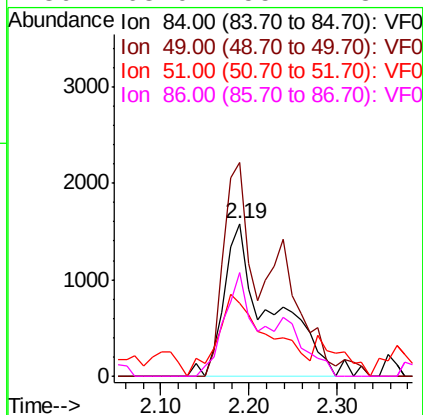
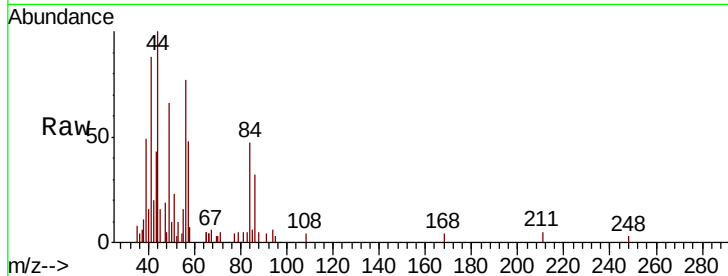
#20
Methvlene Chloride
Concen: 1.507 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF060776.D
Acq: 16 Nov 2018 20:46

Instrument :
MSVOA_F
ClientSampled :
SSI-02

Tot Ion	Ratio	Lower	Upper
84	100		
49	140.0	120.2	180.4
51	48.1	37.2	55.8
86	68.0	55.1	82.7

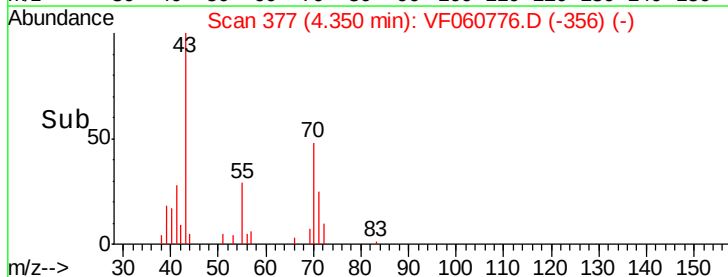
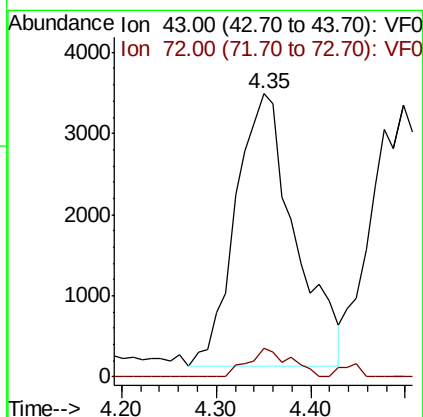
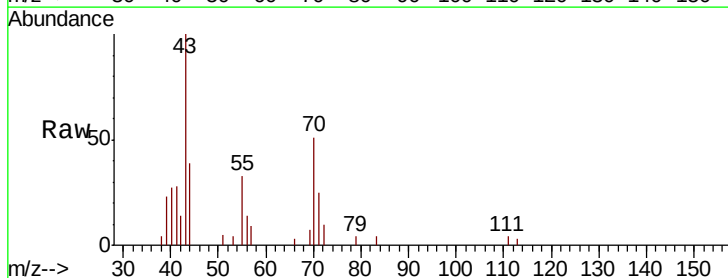
Manual Integrations
APPROVED

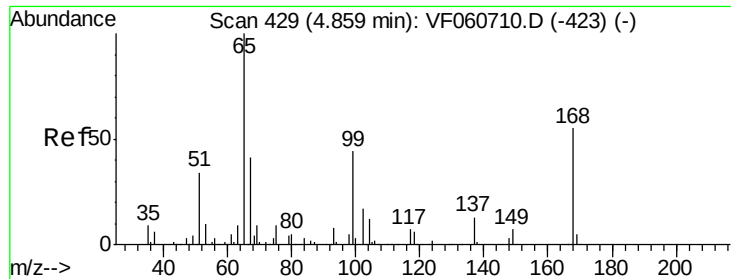
apatel
11/19/2018 2:01:42 PM



#25
2-Butanone
Concen: 22.111 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.00 min
Lab File: VF060776.D
Acq: 16 Nov 2018 20:46

Tgt Ion	Ratio	Lower	Upper
43	100		
72	10.2	16.1	24.1#





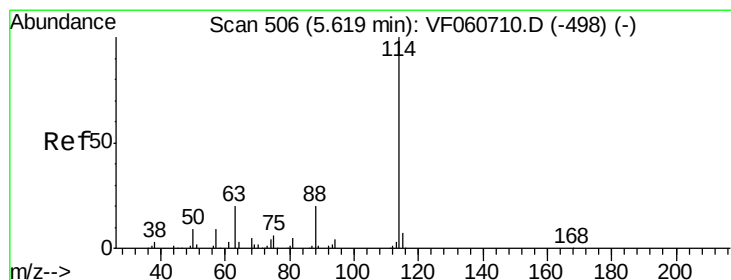
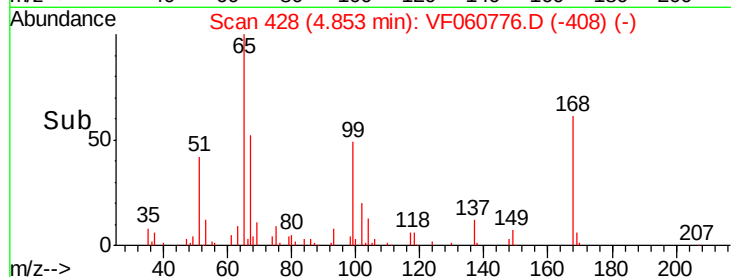
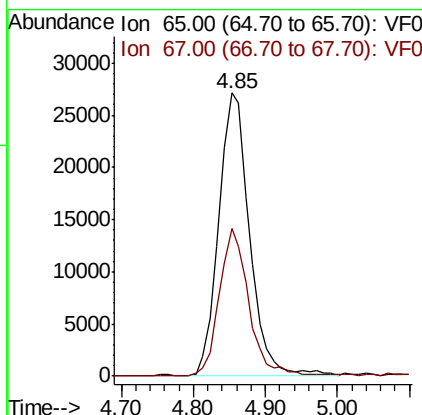
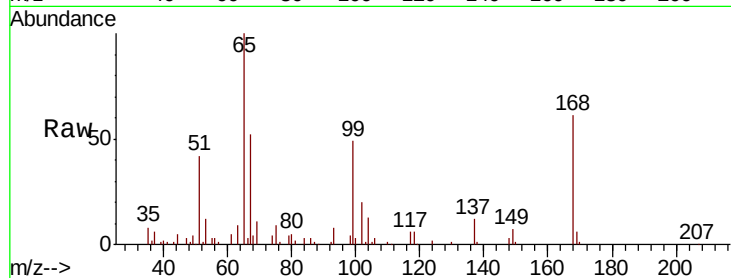
#33
 1,2-Dichloroethane-d4
 Concen: 42.700 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: VF060776.D
 Acq: 16 Nov 2018 20:46

Instrument :
 MSVOA_F
 ClientSampled :
 SSI-02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	90.2

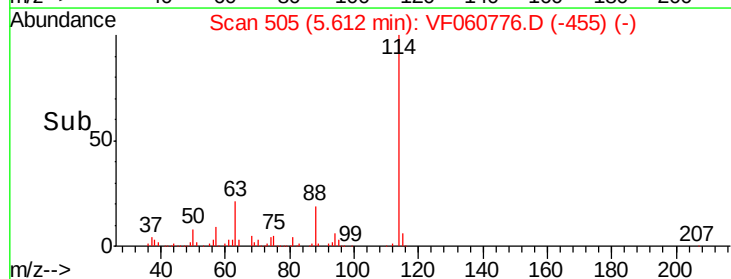
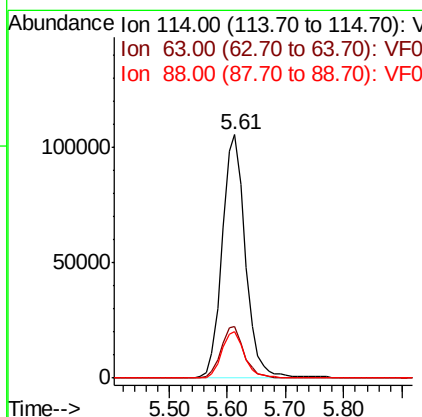
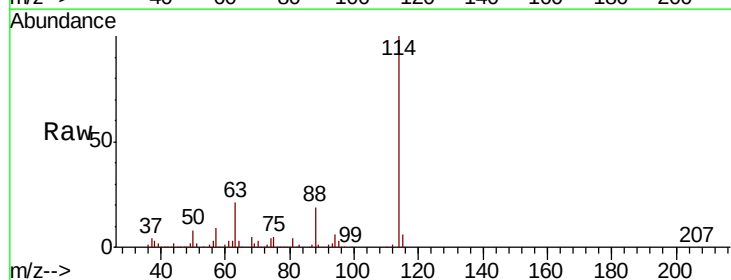
Manual Integrations
 APPROVED

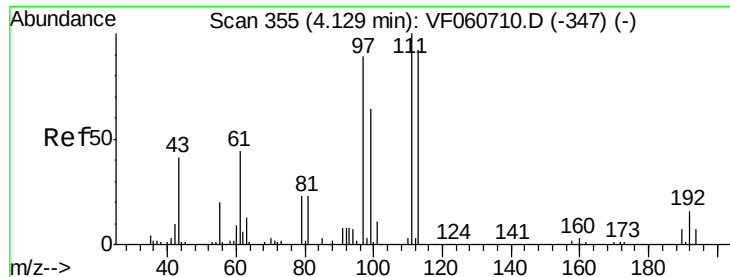
apatel
 11/19/2018 2:01:42 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: VF060776.D
 Acq: 16 Nov 2018 20:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	19.1	0.0	39.6





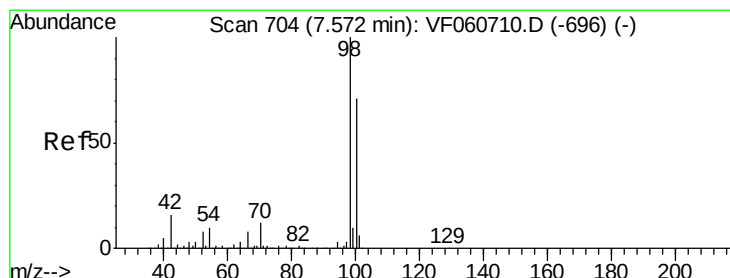
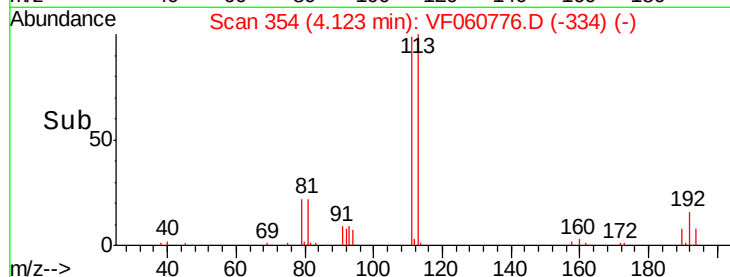
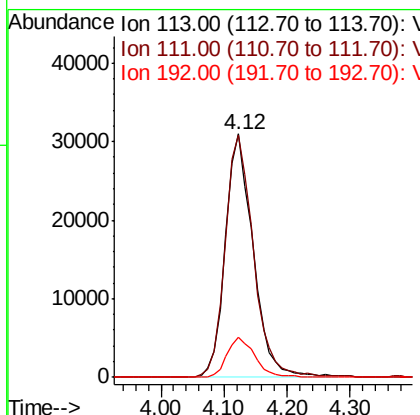
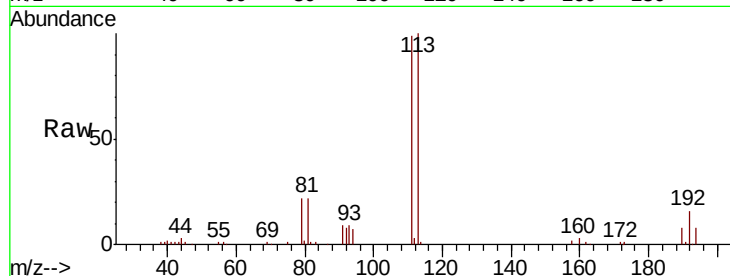
#35
Dibromofluoromethane
Concen: 42.924 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.01 min
Lab File: VF060776.D
Acq: 16 Nov 2018 20:46

Instrument :
MSVOA_F
ClientSampleId :
SSI-02

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.4	87.1	130.7
192	16.7	13.8	20.6

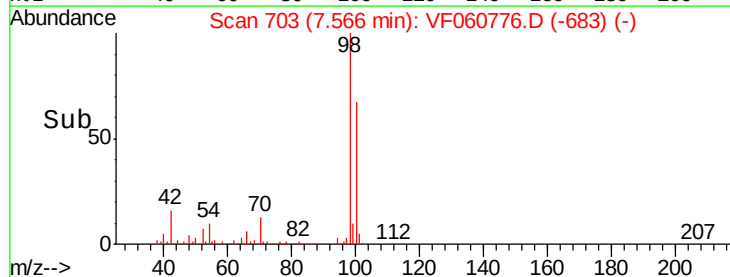
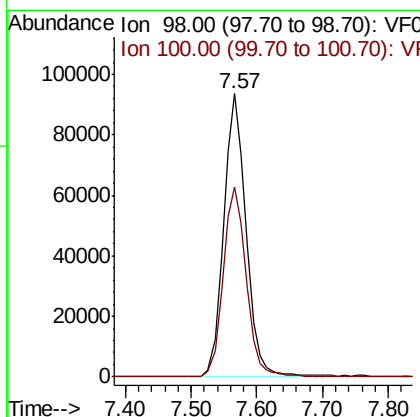
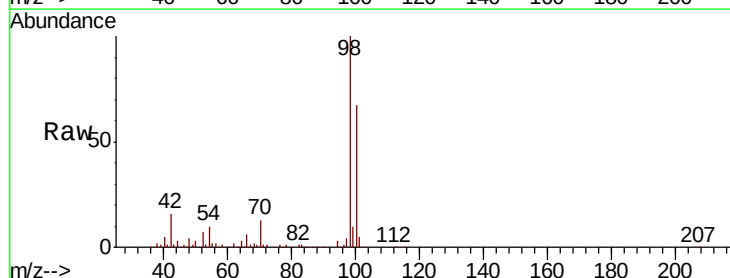
Manual Integrations
APPROVED

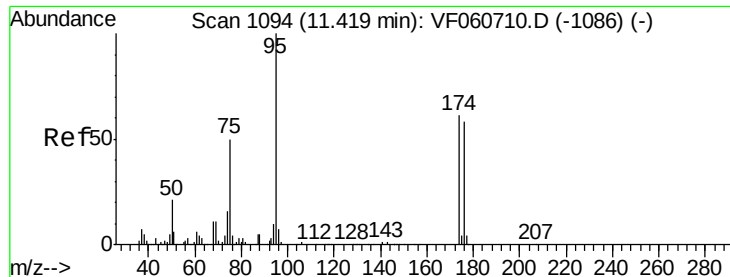
apatel
11/19/2018 2:01:42 PM



#50
Toluene-d8
Concen: 38.579 ug/l
RT: 7.57 min Scan# 703
Delta R.T. -0.01 min
Lab File: VF060776.D
Acq: 16 Nov 2018 20:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	56.5	84.7





#62

4-Bromofluorobenzene

Concen: 36.852 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF060776.D

Acq: 16 Nov 2018 20:46

Instrument :

MSVOA_F

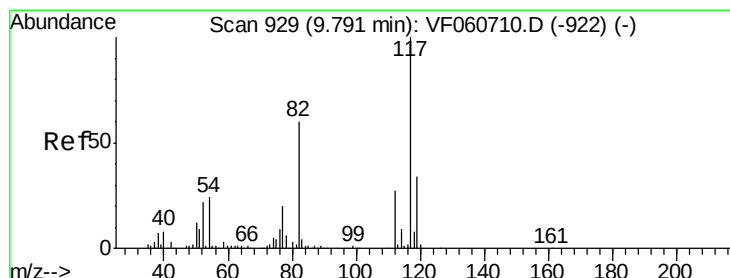
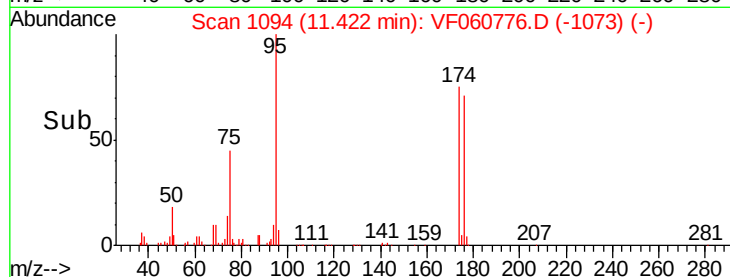
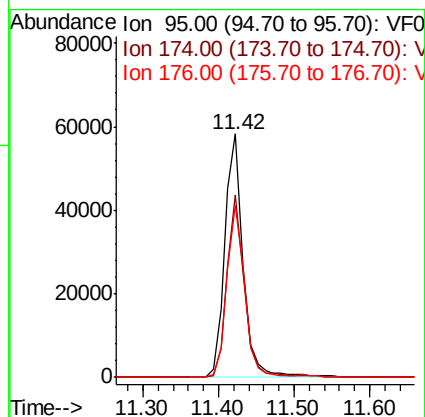
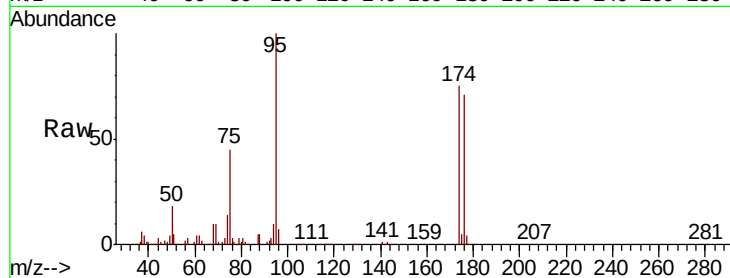
ClientSampled :

SSI-02

Tot Ion:	95	Resp:	99013
Ion Ratio	Lower	Upper	
95	100		
174	74.7	0.0	121.6
176	70.6	0.0	115.2

Manual Integrations
APPROVED

apatel
11/19/2018 2:01:42 PM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

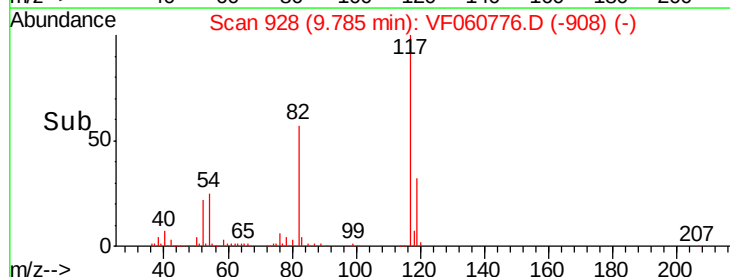
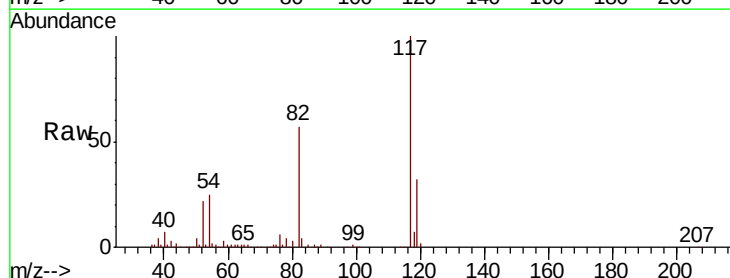
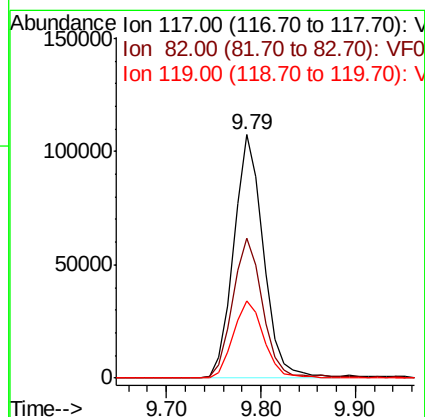
RT: 9.79 min Scan# 928

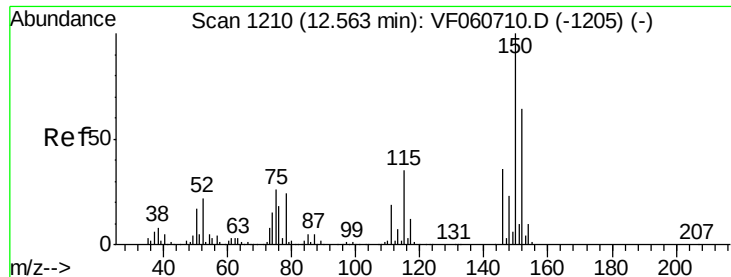
Delta R.T. -0.01 min

Lab File: VF060776.D

Acq: 16 Nov 2018 20:46

Tgt Ion:	117	Resp:	233923
Ion Ratio	Lower	Upper	
117	100		
82	57.4	47.9	71.9
119	31.9	26.8	40.2





#72

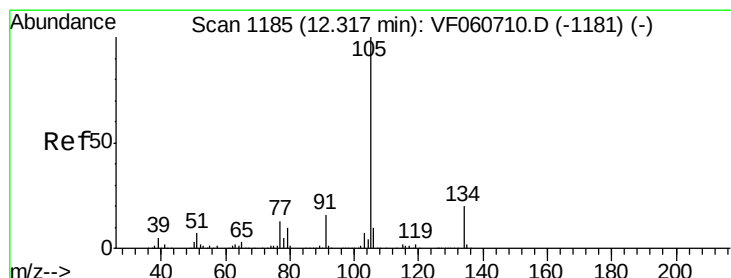
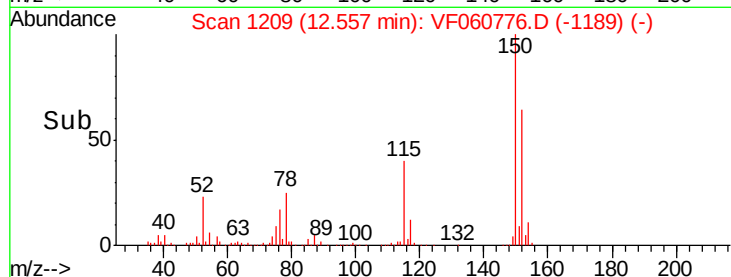
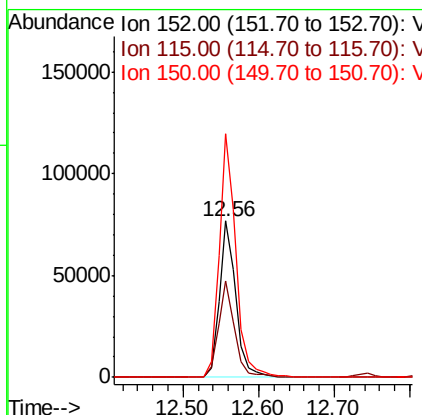
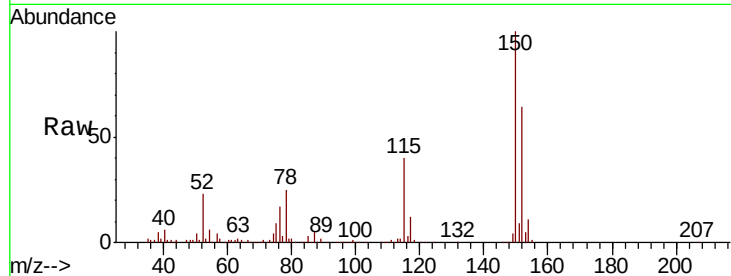
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF060776.D
Acq: 16 Nov 2018 20:46

Instrument :
MSVOA_F
ClientSampled :
SSI-02

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.9	27.9	83.7
150	156.0	0.0	316.4

Manual Integrations
APPROVED

apatel
11/19/2018 2:01:42 PM



#85

sec-Butylbenzene
Concen: 1.916 ug/l
RT: 12.31 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VF060776.D
Acq: 16 Nov 2018 20:46

Tgt Ion	Ratio	Lower	Upper
105	100		
134	22.8	10.1	30.3

