

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031519\
 Data File : VF061964.D
 Acq On : 15 Mar 2019 16:41
 Operator : VA/AP
 Sample : K1928-07
 Misc : 6.68g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A1-2-H2(2.5-3)

Manual Integrations
 APPROVED

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 3/17/2019 5:22:27 AM

Quant Time: Mar 16 00:20:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	234603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	401366	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	330381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	190317	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	107482	62.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.82%	
35) Dibromofluoromethane	4.11	113	141636	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
50) Toluene-d8	7.56	98	380456	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	11.42	95	165615	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
Target Compounds						
16) Acetone	2.24	43	16335	45.644	ug/l #	88
20) Methylene Chloride	2.26	84	23988m	7.601	ug/l	

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

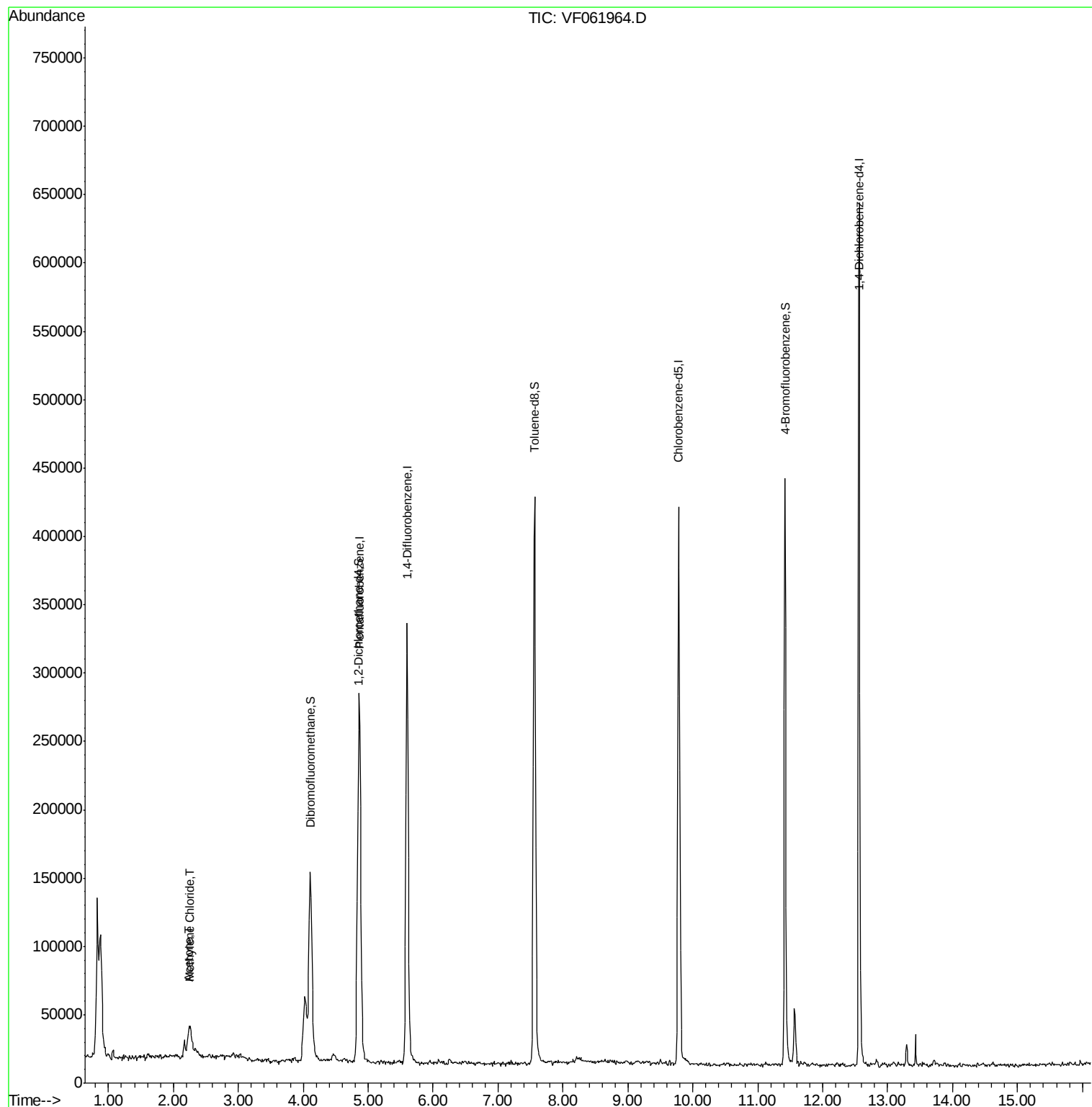
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031519\
Data File : VF061964.D
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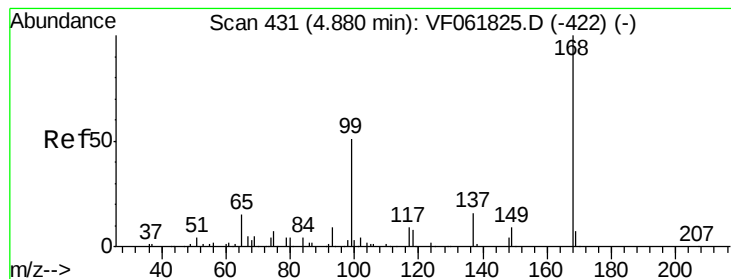
Instrument :
MSVOA_F
ClientSampleId :
A1-2-H2(2.5-3)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061964.D

Acq: 15 Mar 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

A1-2-H2(2.5-3)

Tot Ion:168 Resp: 234603

Ion Ratio Lower Upper

168 100

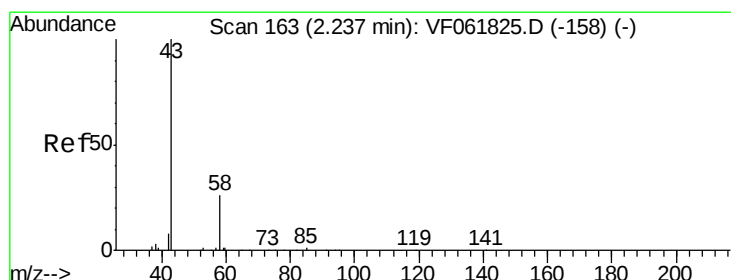
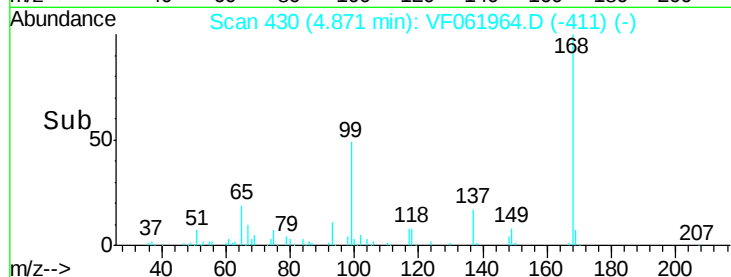
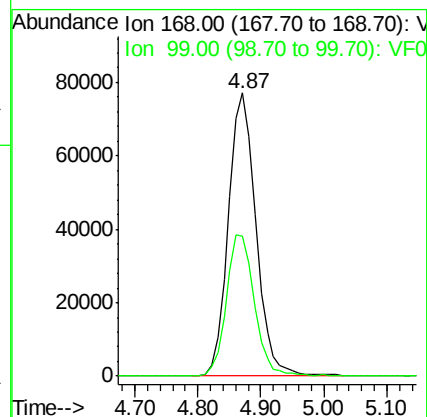
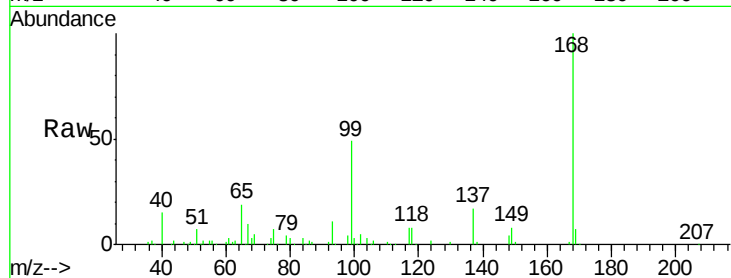
99 49.4 40.8 61.2

Manual Integrations

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#16

Acetone

Concen: 45.644 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061964.D

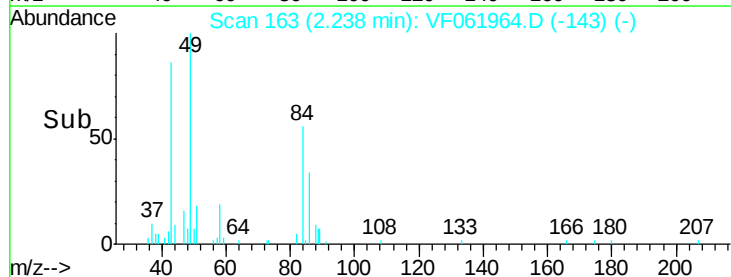
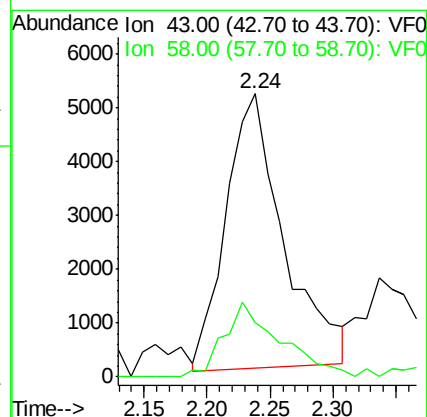
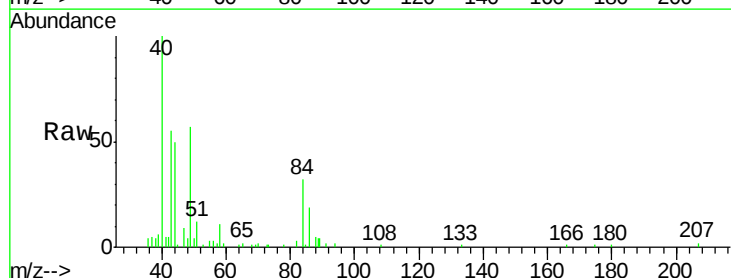
Acq: 15 Mar 2019 16:41

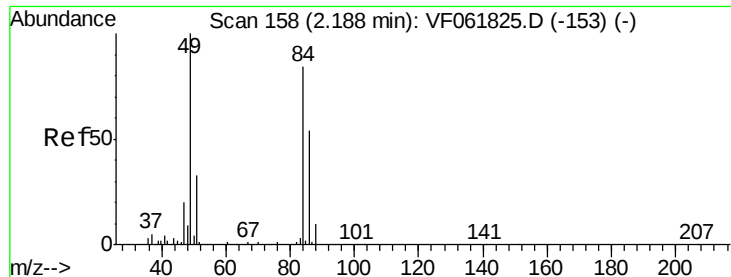
Tgt Ion: 43 Resp: 16335

Ion Ratio Lower Upper

43 100

58 19.2 20.3 30.5#





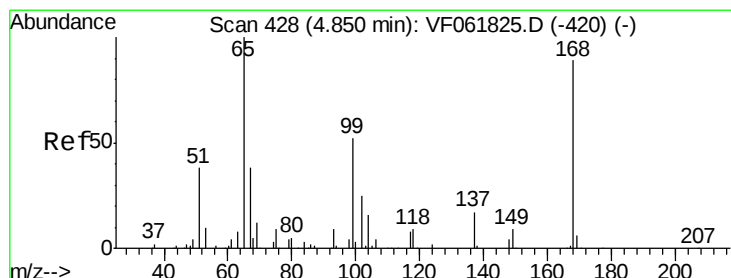
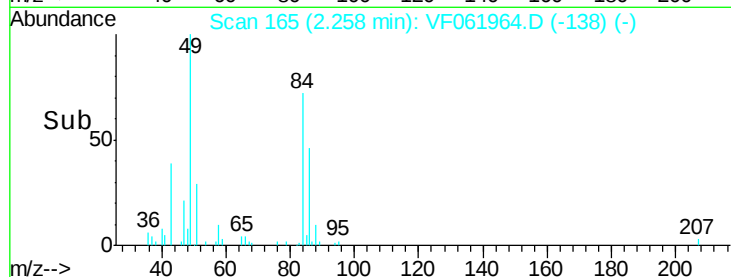
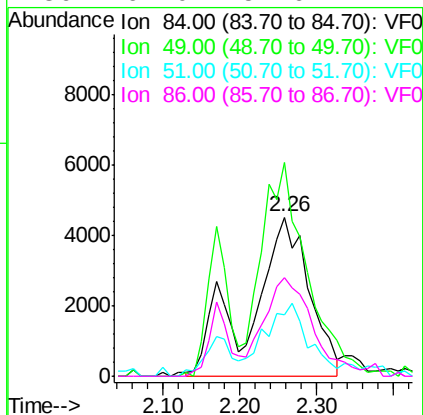
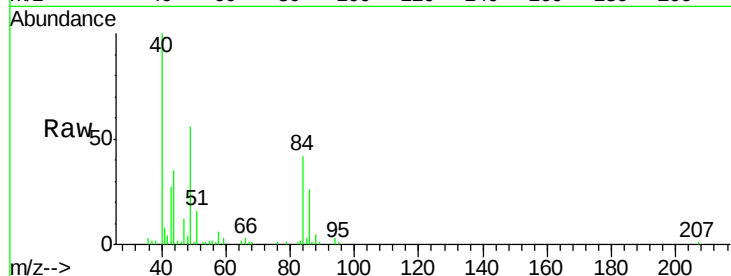
#20
Methvlene Chloride
Concen: 7.601 ug/l m
RT: 2.26 min Scan# 165
Delta R.T. 0.07 min
Lab File: VF061964.D
Acq: 15 Mar 2019 16:41

Instrument :
MSVOA_F
ClientSampleId :
A1-2-H2(2.5-3)

Tot Ion	Ratio	Lower	Upper
84	100		
49	134.4	96.8	145.2
51	38.7	31.8	47.6
86	62.0	51.6	77.4

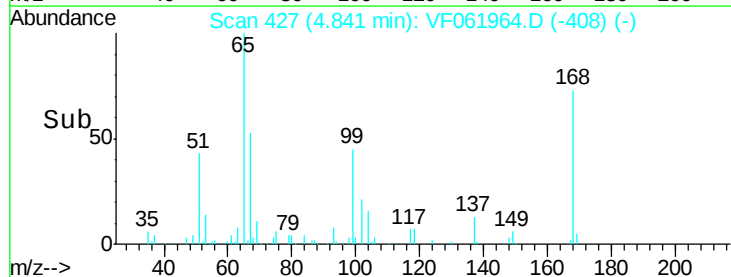
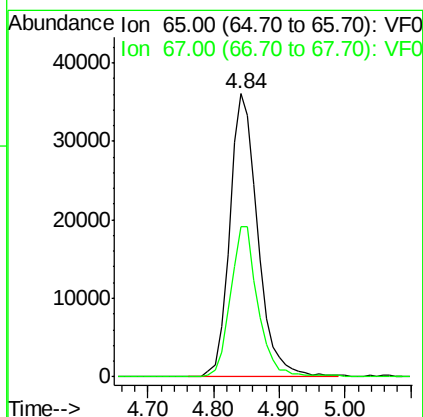
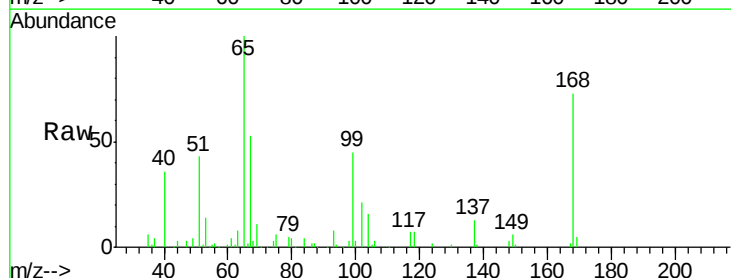
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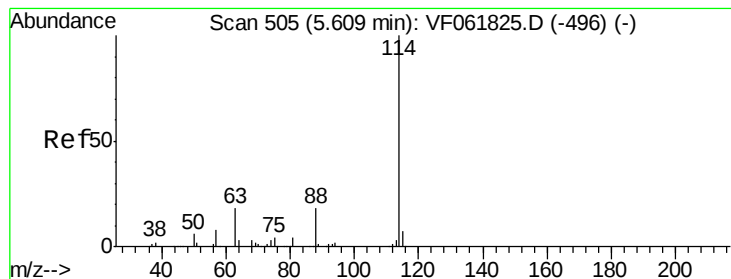
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#33
1,2-Dichloroethane-d4
Concen: 62.911 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF061964.D
Acq: 15 Mar 2019 16:41

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061964.D

Acq: 15 Mar 2019 16:41

Instrument :

MSVOA_F

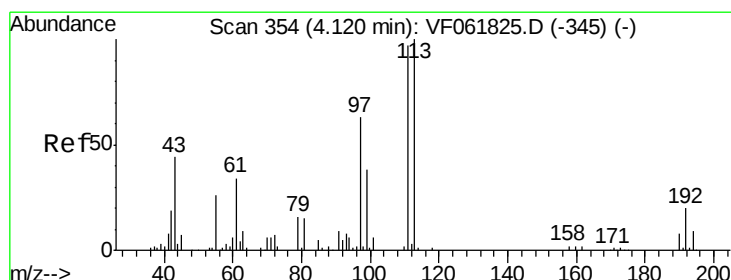
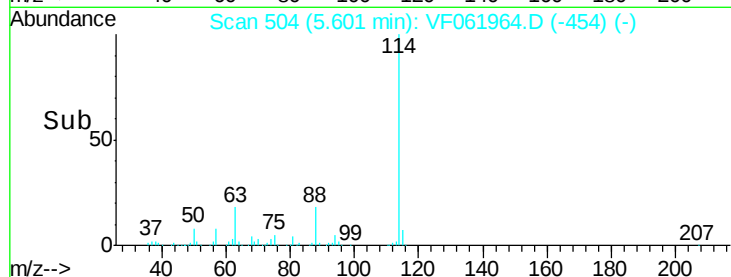
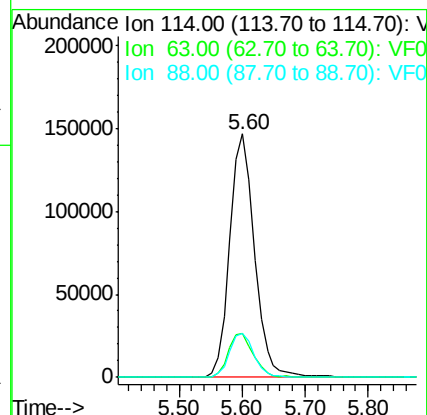
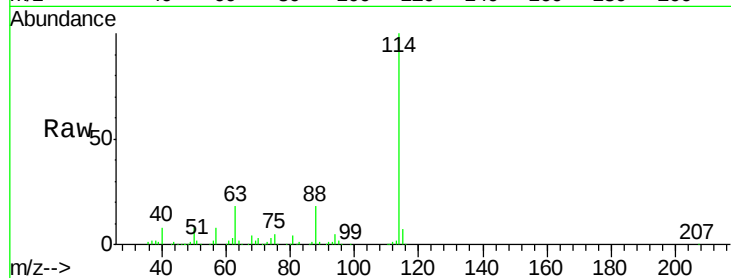
ClientSampleId :

A1-2-H2(2.5-3)

Tot Ion:	114	Resp:	401366
Ion Ratio		Lower	Upper
114	100		
63	18.1	0.0	35.6
88	17.9	0.0	35.6

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#35

Dibromofluoromethane

Concen: 50.566 ug/l

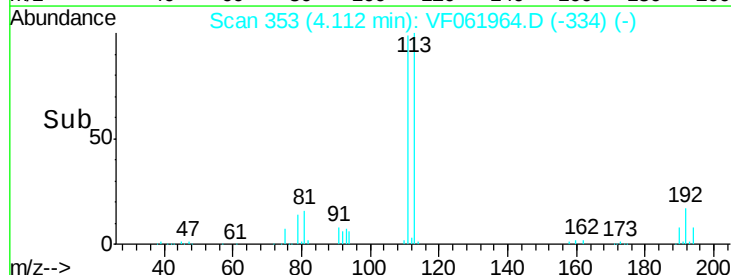
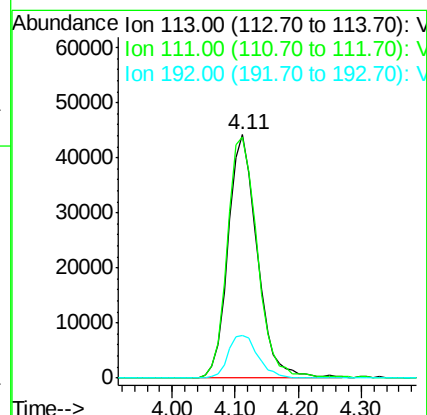
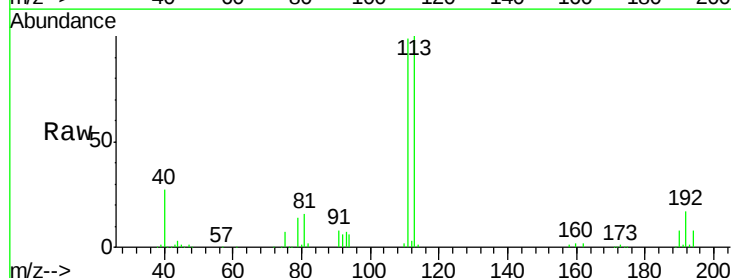
RT: 4.11 min Scan# 353

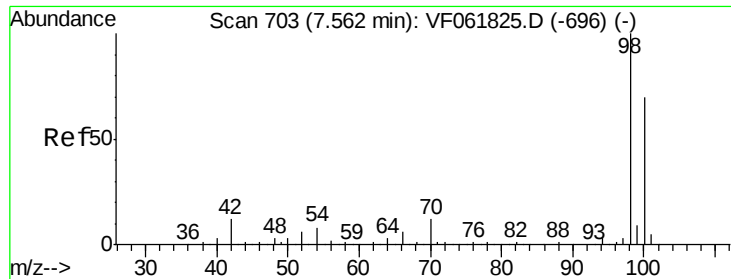
Delta R.T. -0.01 min

Lab File: VF061964.D

Acq: 15 Mar 2019 16:41

Tgt Ion:	113	Resp:	141636
Ion Ratio		Lower	Upper
113	100		
111	98.9	77.6	116.4
192	17.3	15.9	23.9





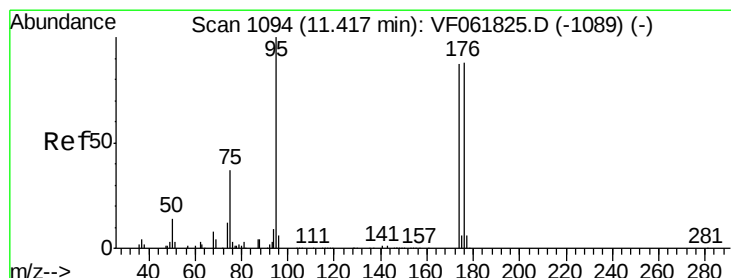
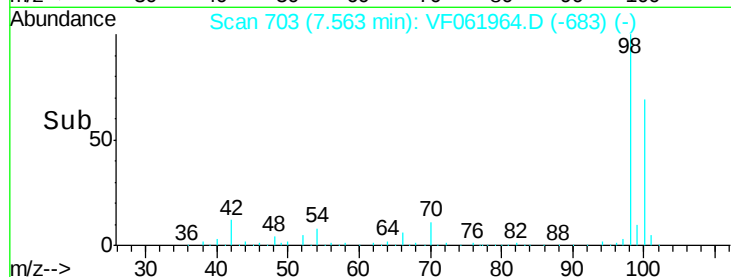
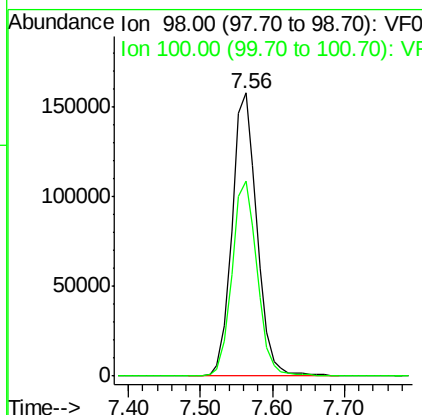
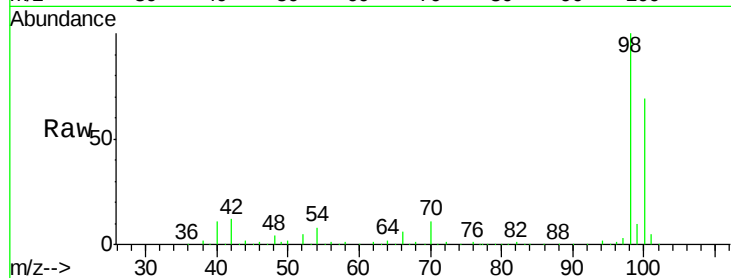
#50
Toluene-d8
Concen: 45.698 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF061964.D
Acq: 15 Mar 2019 16:41

Instrument :
MSVOA_F
ClientSampleId :
A1-2-H2(2.5-3)

Tot Ion: 98 Resp: 380456
Ion Ratio Lower Upper
98 100
100 68.9 56.0 84.0

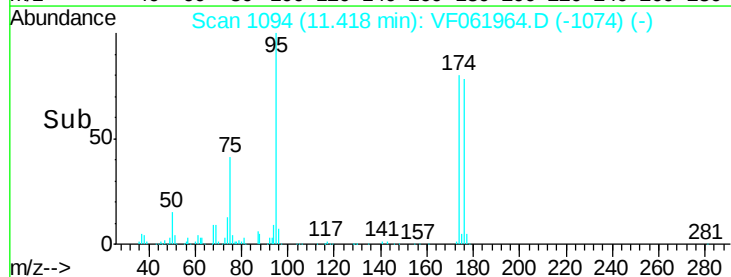
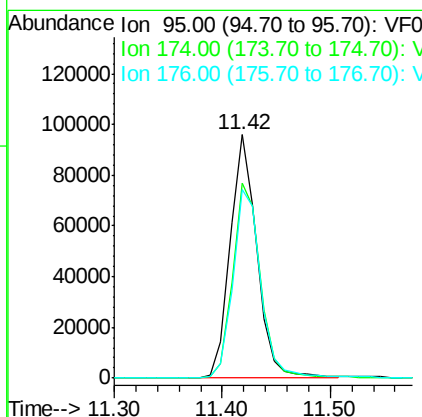
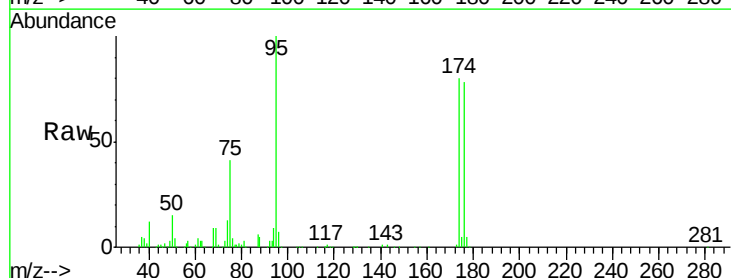
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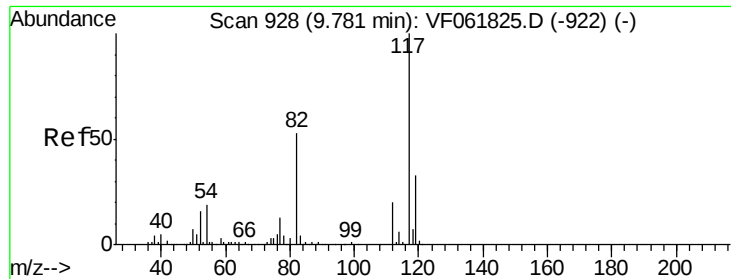
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#62
4-Bromofluorobenzene
Concen: 50.782 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF061964.D
Acq: 15 Mar 2019 16:41

Tgt Ion: 95 Resp: 165615
Ion Ratio Lower Upper
95 100
174 80.3 0.0 174.0
176 77.7 0.0 175.2





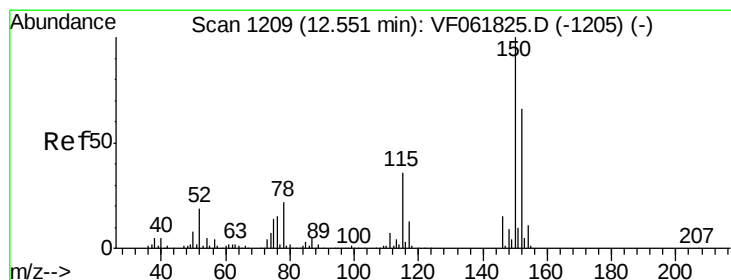
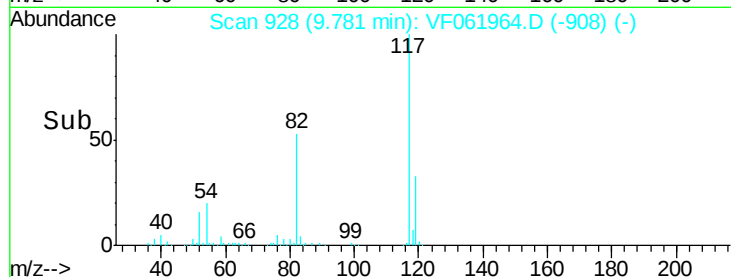
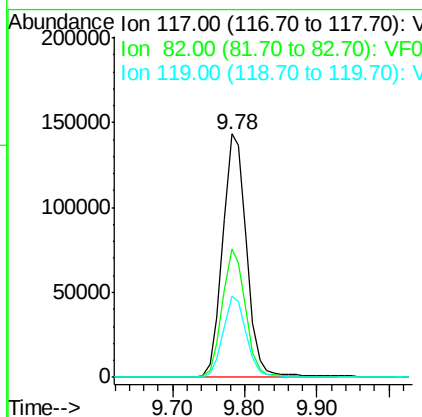
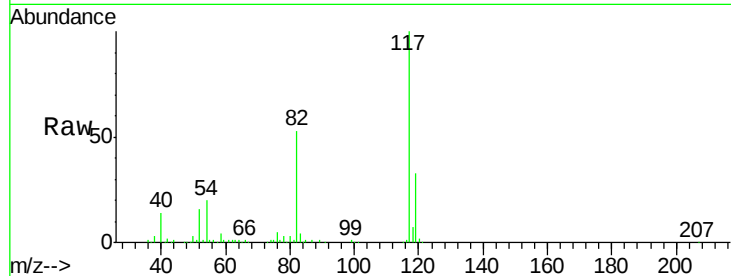
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF061964.D
Acq: 15 Mar 2019 16:41

Instrument :
MSVOA_F
ClientSampleId :
A1-2-H2(2.5-3)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	330381		
82	52.8	42.6	63.8	
119	33.3	26.0	39.0	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF061964.D
Acq: 15 Mar 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	190317		
115	50.7	27.7	83.1	
150	153.6	0.0	304.2	

