

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052819\
 Data File : VF062757.D
 Acq On : 28 May 2019 13:32
 Operator : FY/SY
 Sample : K3052-02RE
 Misc : 4.85g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-03-007-ARE

Manual Integrations
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MMDadoda
 5/29/2019 11:02:07 AM

Quant Time: May 29 02:05:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	772592	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.80	114	1292415	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.93	117	836160	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	226613	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	244858	44.85	ug/l	0.01
Spiked Amount 50.000			Recovery	=	89.70%	
35) Dibromofluoromethane	4.33	113	225189	22.77	ug/l	0.01
Spiked Amount 50.000			Recovery	=	45.54%	
50) Toluene-d8	7.73	98	867807	36.75	ug/l	0.01
Spiked Amount 50.000			Recovery	=	73.50%	
62) 4-Bromofluorobenzene	11.50	95	250255	27.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.88%	
Target Compounds						
16) Acetone	2.37	43	41999	29.652	ug/l #	84
78) n-propylbenzene	11.68	91	20367	1.060	ug/l	86
80) 1,3,5-Trimethylbenzene	11.91	105	75763	5.817	ug/l	96
84) 1,2,4-Trimethylbenzene	12.28	105	13967	1.108	ug/l	89
86) p-Isopropyltoluene	12.53	119	18559m	1.242	ug/l	
89) n-Butylbenzene	12.90	91	20323	1.379	ug/l #	60
95) Naphthalene	14.50	128	37902	4.477	ug/l #	88

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

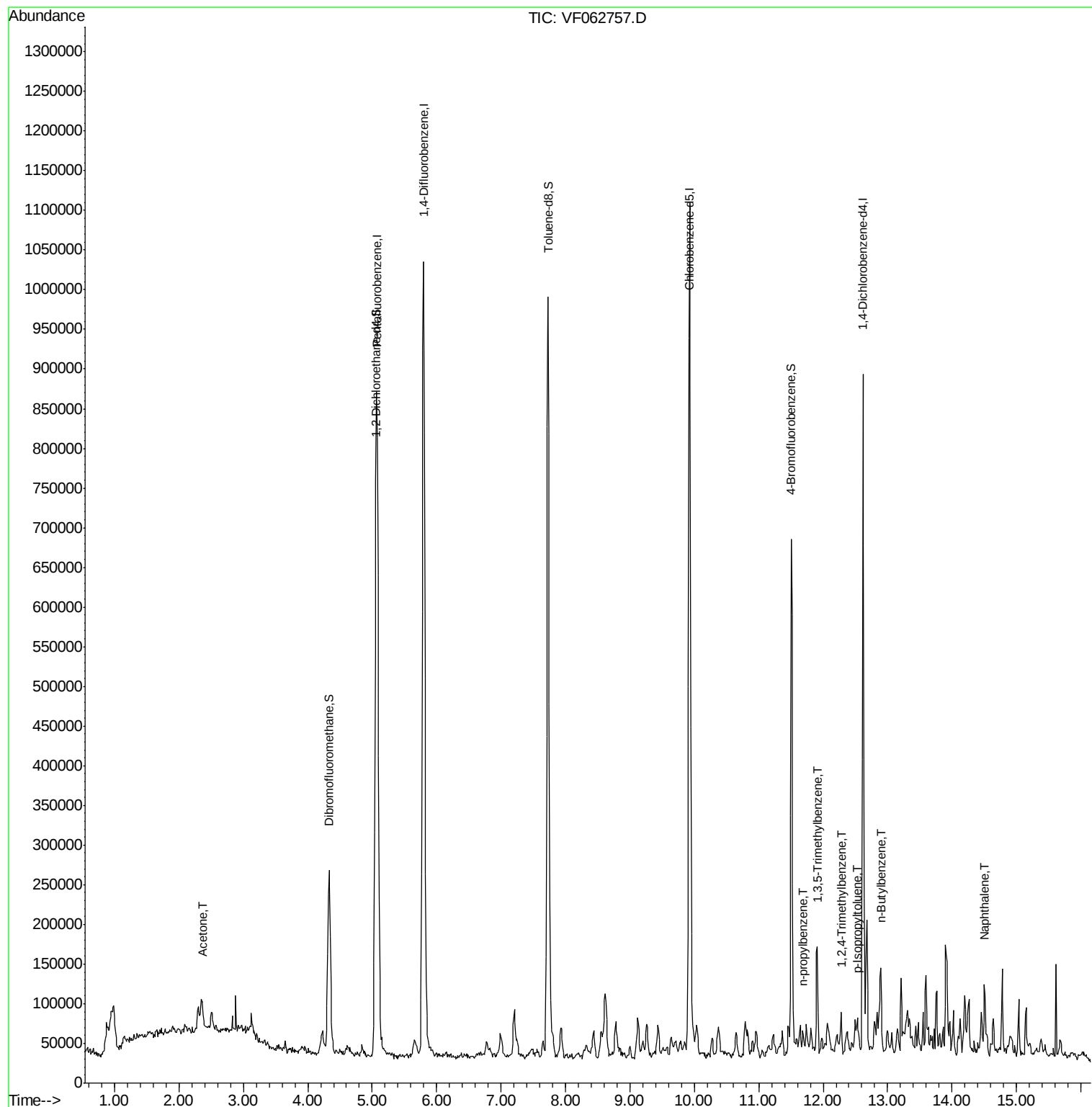
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052819\
Data File : VF062757.D
Acq On : 28 May 2019 13:32
Operator : FY/SY
Sample : K3052-02RE
Misc : 4.85g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

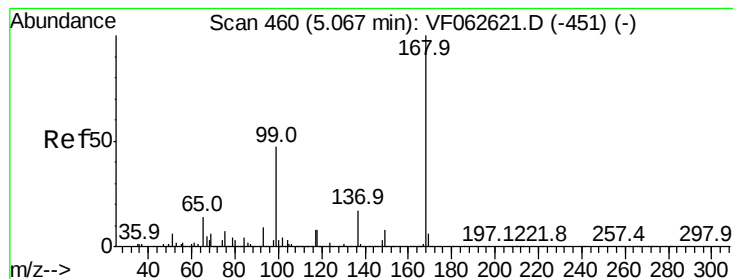
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-007-ARE

Manual Integrations
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Quant Time: May 29 02:05:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.01 min

Lab File: VF062757.D

Acq: 28 May 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-03-007-ARE

Tot Ion:168 Resp: 772592

Ion Ratio Lower Upper

168 100

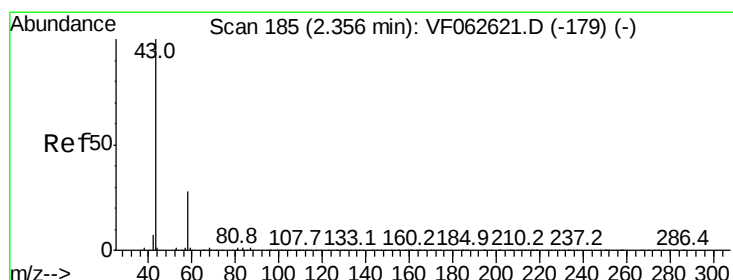
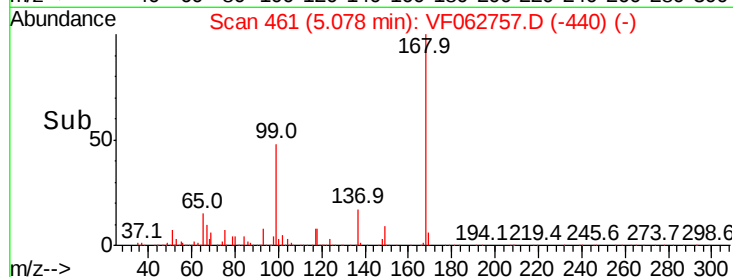
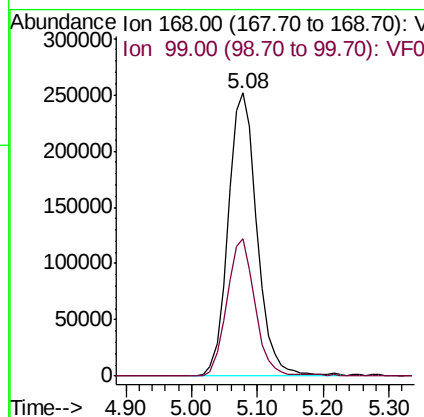
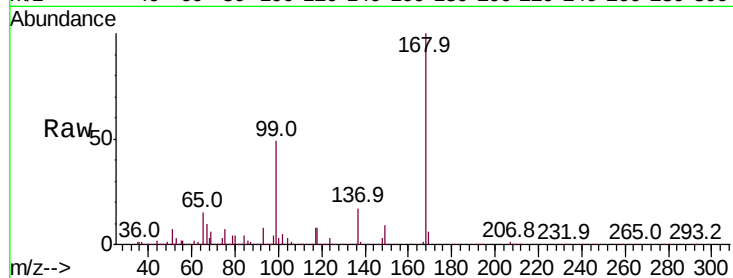
99 48.5 37.8 56.8

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#16

Acetone

Concen: 29.652 ug/l

RT: 2.37 min Scan# 186

Delta R.T. 0.01 min

Lab File: VF062757.D

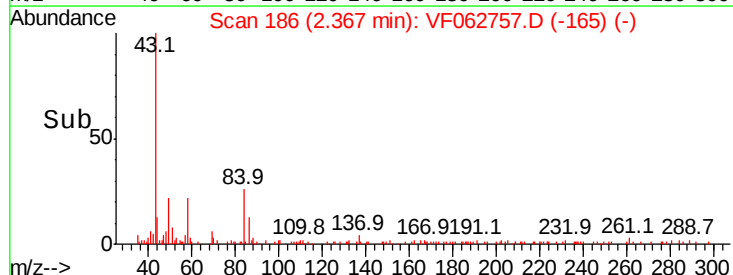
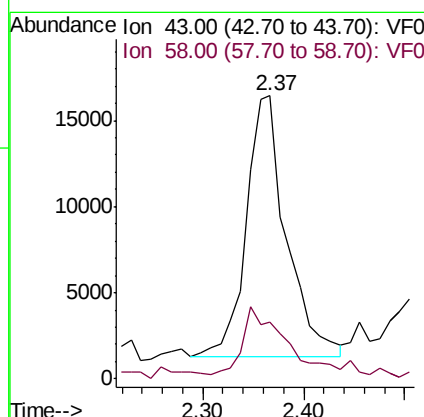
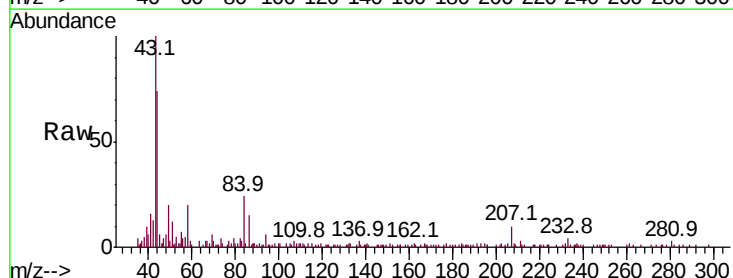
Acq: 28 May 2019 13:32

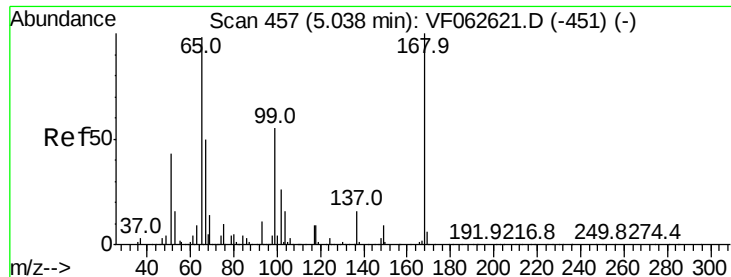
Tgt Ion: 43 Resp: 41999

Ion Ratio Lower Upper

43 100

58 19.9 22.6 33.8#





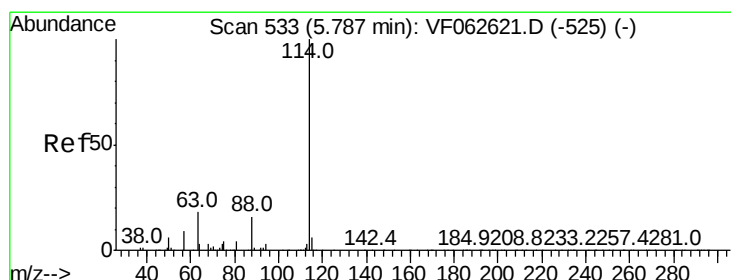
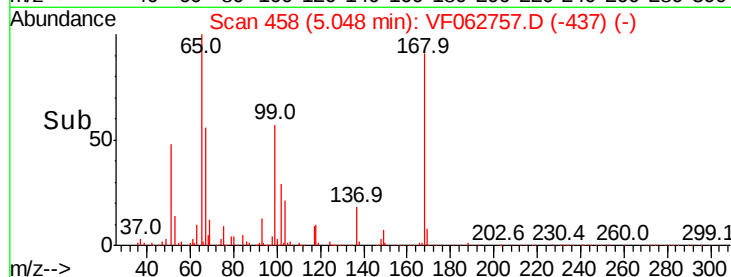
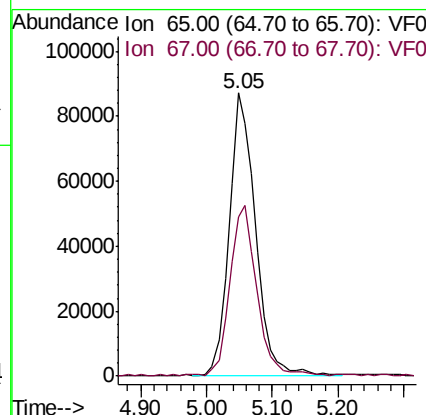
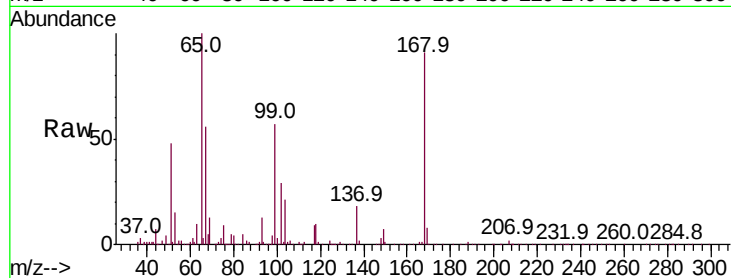
#33
 1,2-Dichloroethane-d4
 Concen: 44.850 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. 0.01 min
 Lab File: VF062757.D
 Acq: 28 May 2019 13:32

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-03-007-ARE

Tot Ion	Ratio	Resp	Lower	Upper
65	100	244858		
67	56.2	0.0	117.6	

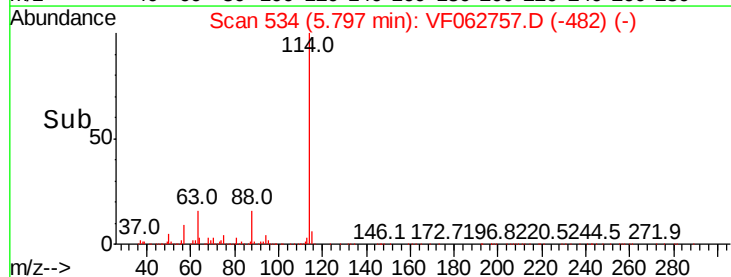
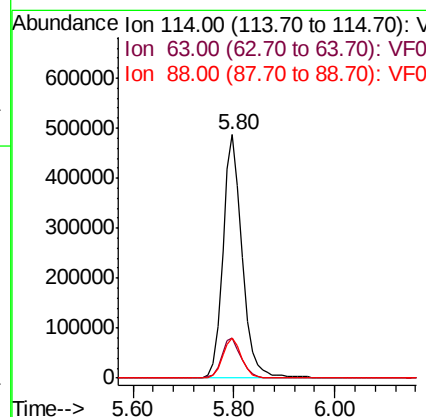
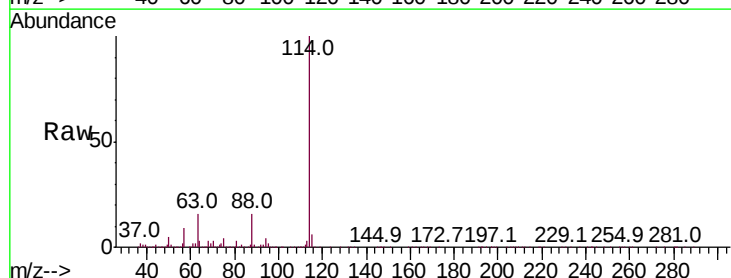
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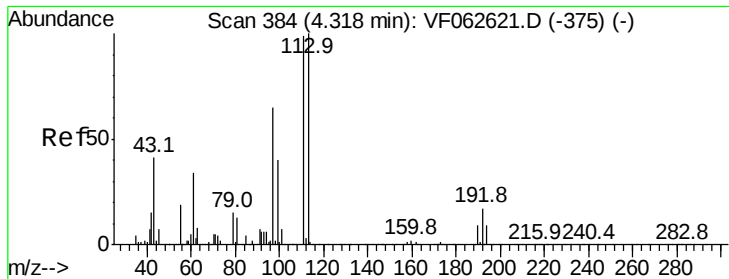
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: VF062757.D
 Acq: 28 May 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1292415		
63	16.4	0.0	35.4	
88	16.4	0.0	32.4	





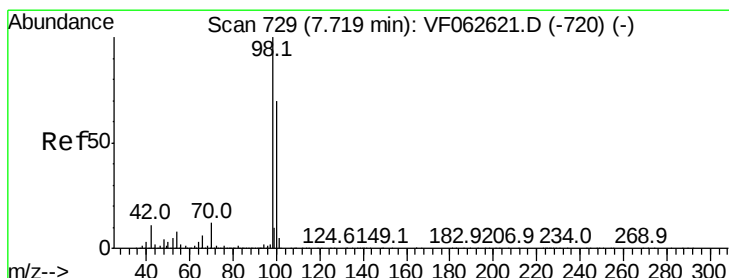
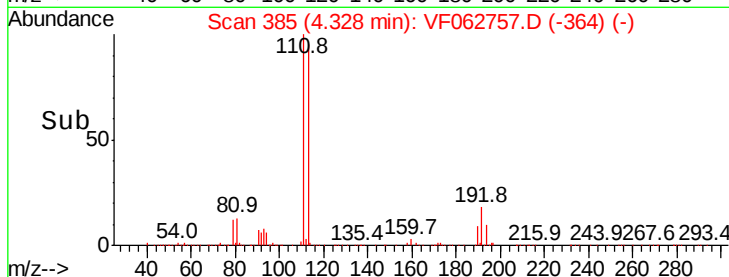
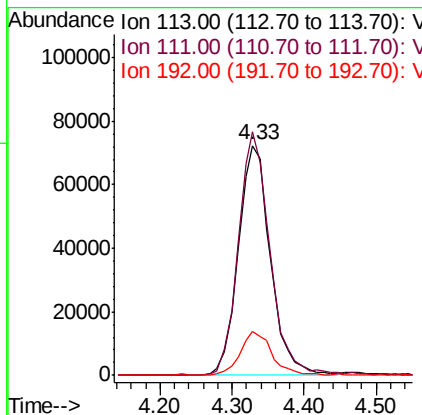
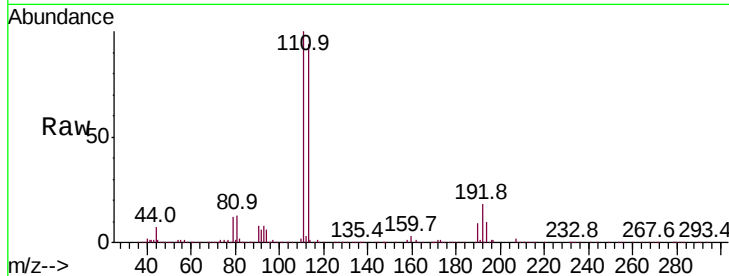
#35
 Dibromofluoromethane
 Concen: 22.770 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. 0.01 min
 Lab File: VF062757.D
 Acq: 28 May 2019 13:32

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-03-007-ARE

Tot Ion	Ratio	Resp	Lower	Upper
113	100	225189		
111	105.9		79.4	119.2
192	19.1		13.4	20.2

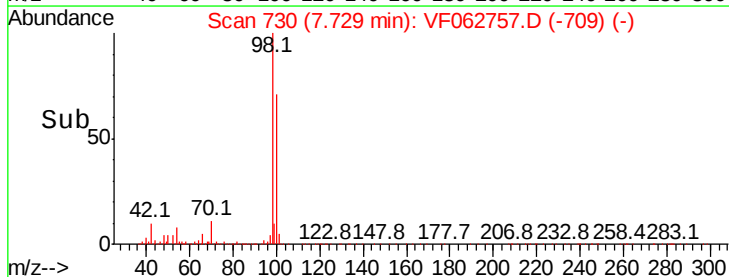
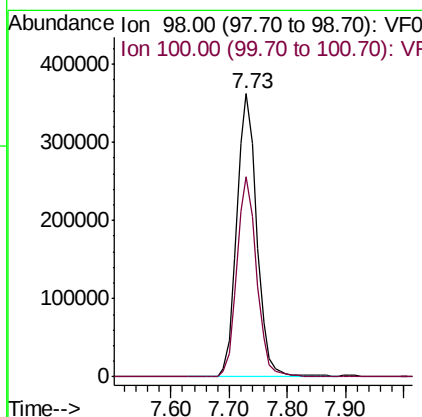
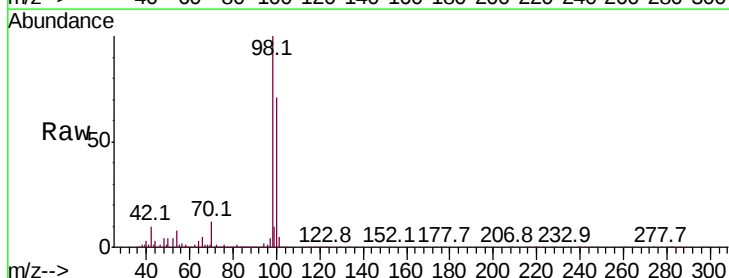
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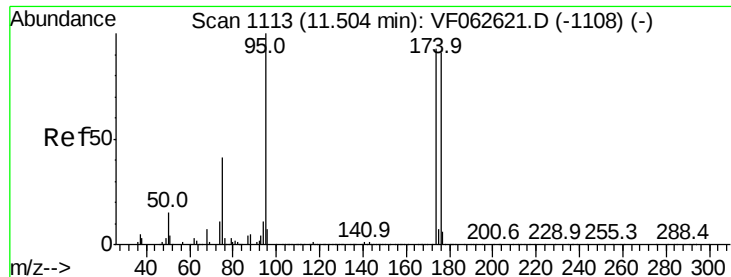
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#50
 Toluene-d8
 Concen: 36.752 ug/l
 RT: 7.73 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: VF062757.D
 Acq: 28 May 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	867807		
100	70.9		56.2	84.2





#62

4-Bromofluorobenzene

Concen: 27.944 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF062757.D

Acq: 28 May 2019 13:32

Instrument :

MSVOA_F

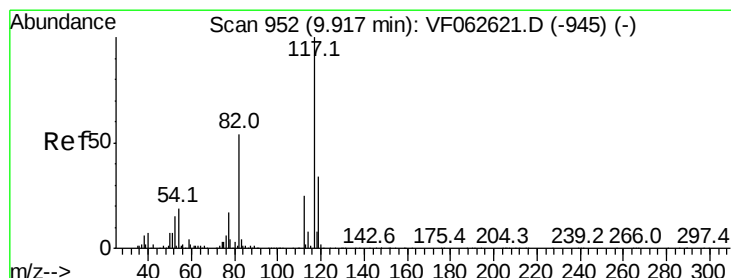
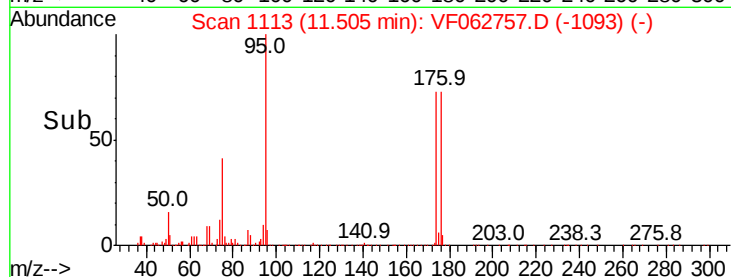
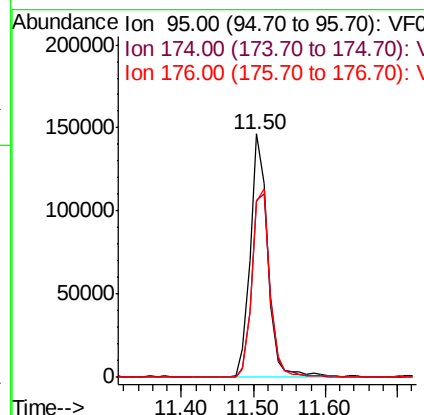
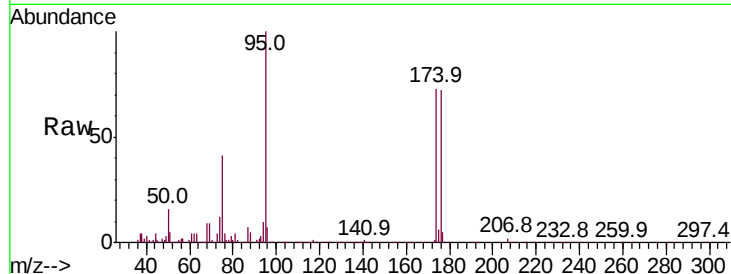
ClientSampleId :

FK-SF-03-007-ARE

Tot Ion	Ratio	Resp	Lower	Upper
95	100	250255		
174	72.9	0.0	185.6	
176	72.3	0.0	182.4	

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

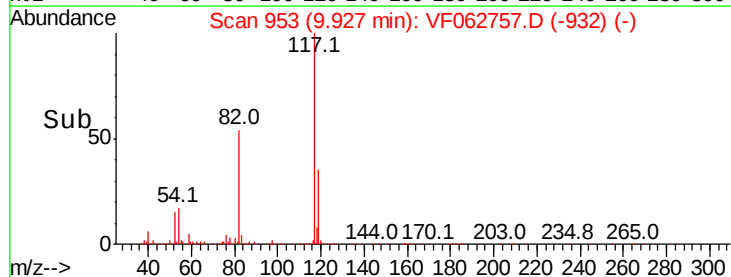
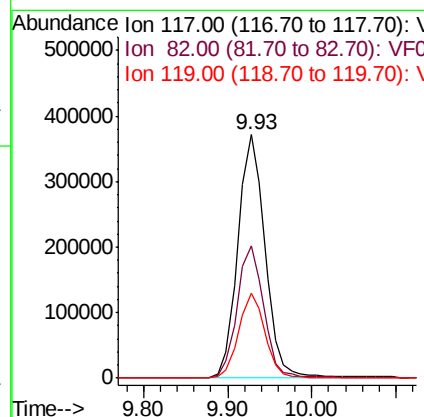
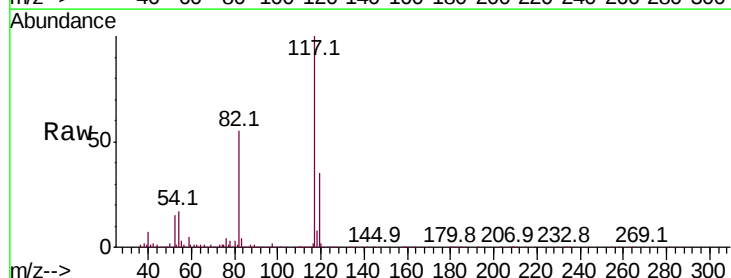
RT: 9.93 min Scan# 953

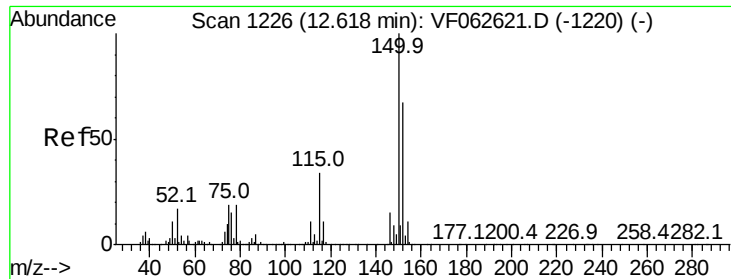
Delta R.T. 0.01 min

Lab File: VF062757.D

Acq: 28 May 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	836160		
82	54.5	43.3	64.9	
119	35.0	27.4	41.0	





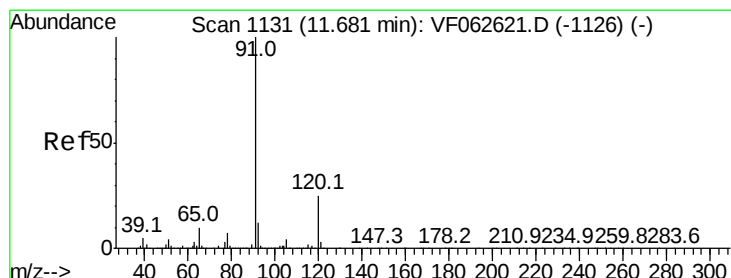
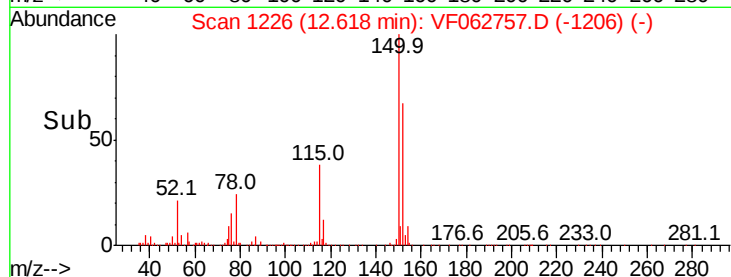
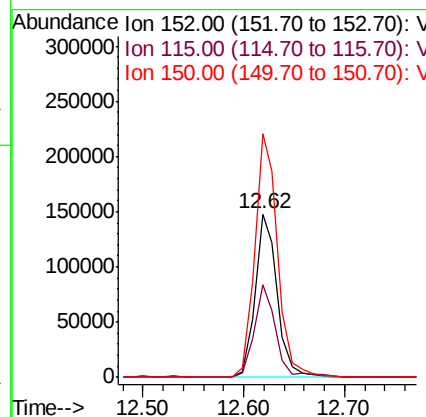
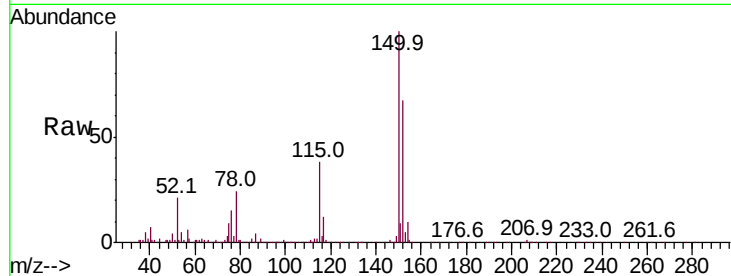
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062757.D
Acq: 28 May 2019 13:32

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-007-ARE

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	25.2	75.6
150	149.2	0.0	306.2

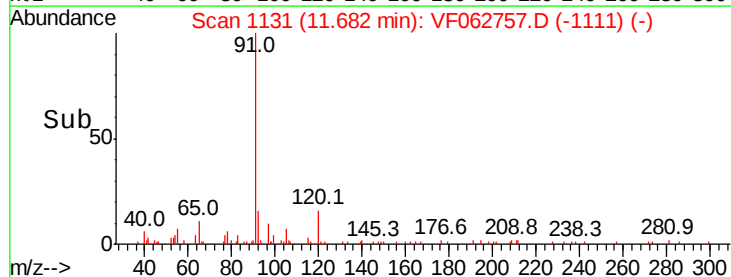
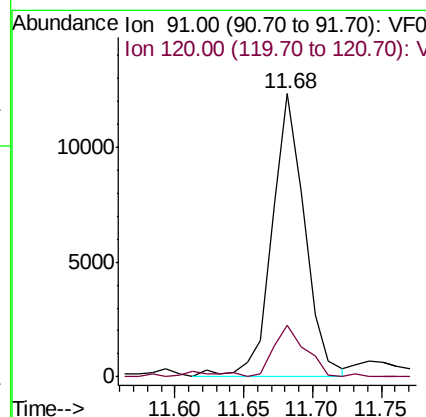
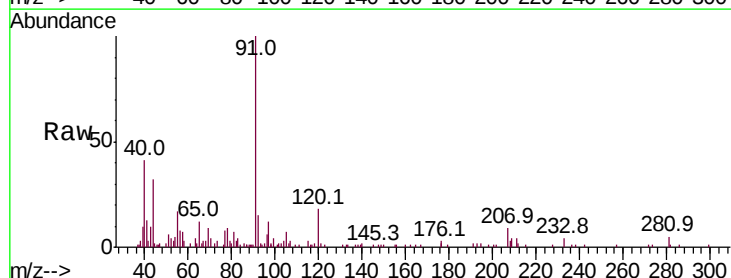
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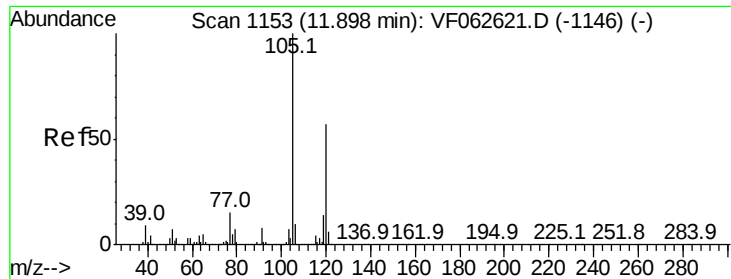
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#78
n-propylbenzene
Concen: 1.060 ug/l
RT: 11.68 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VF062757.D
Acq: 28 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	18.2	12.7	38.1





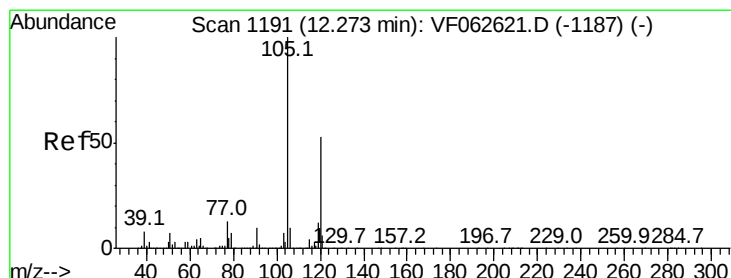
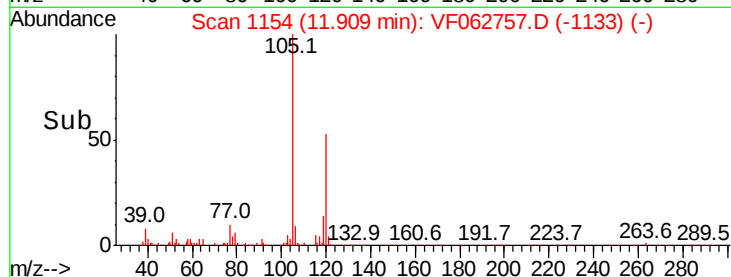
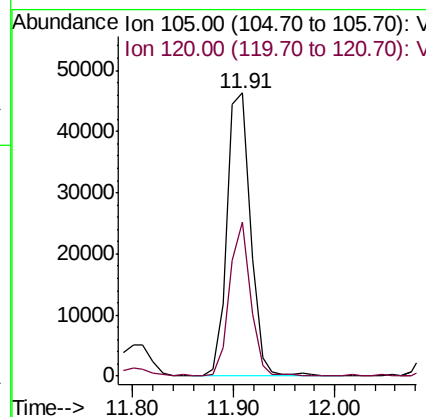
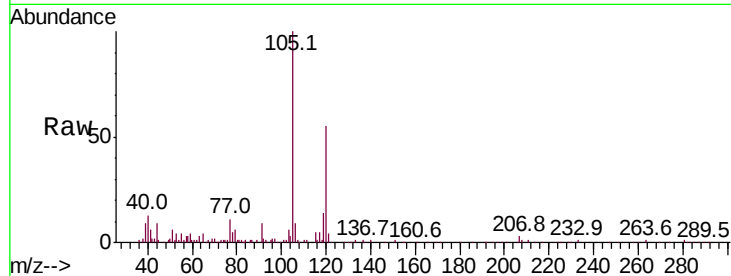
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 1,3,5-Trimethylbenzene
 Concen: 5.817 ug/l
 RT: 11.91 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: VF062757.D
 Acq: 28 May 2019 13:32

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-03-007-ARE

Tot Ion	Ratio	Lower	Upper
105	100		
120	54.5	28.7	86.3

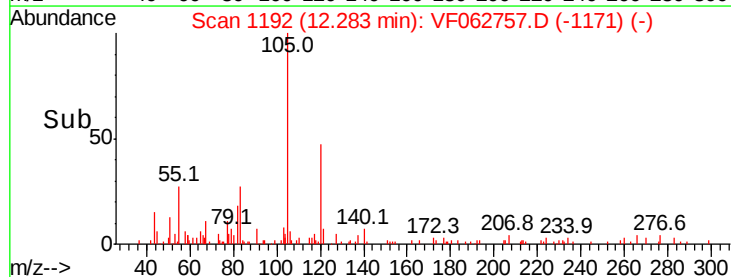
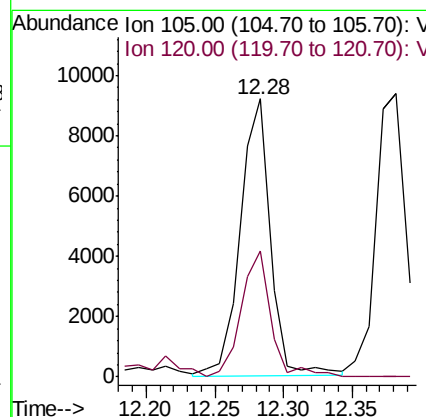
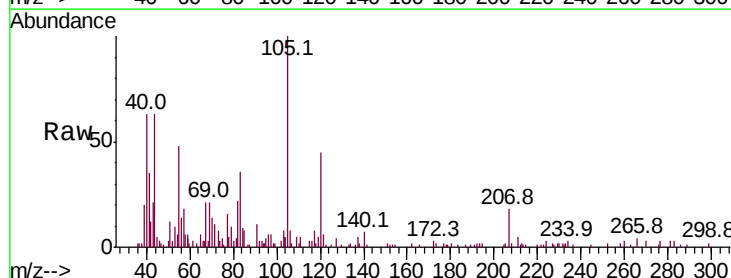
Manual Integrations
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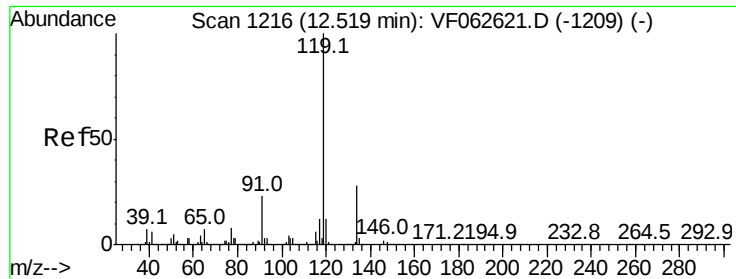
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#84
 1,2,4-Trimethylbenzene
 Concen: 1.108 ug/l
 RT: 12.28 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: VF062757.D
 Acq: 28 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	26.7	80.1





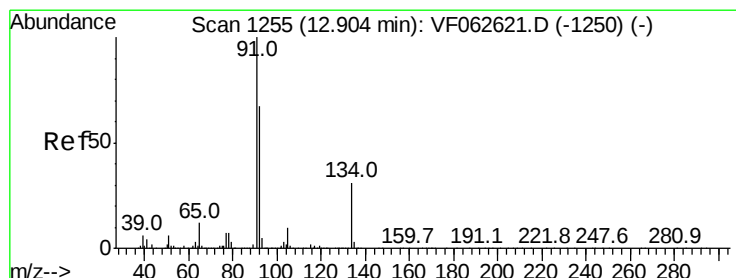
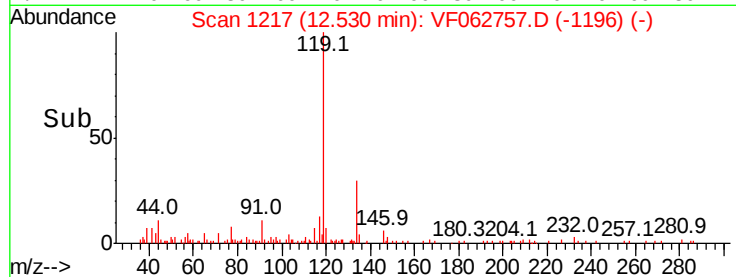
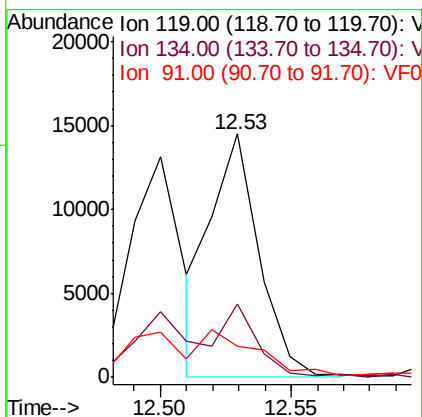
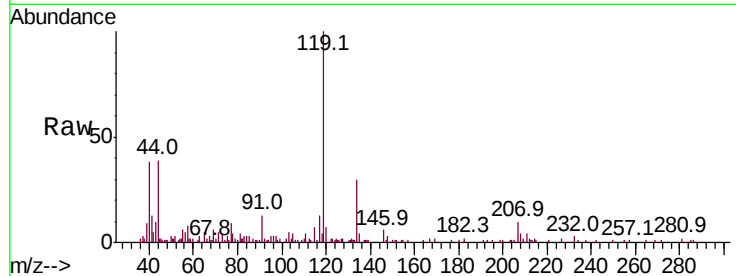
#86
p-Isopropyltoluene
Concen: 1.242 ug/l m
RT: 12.53 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF062757.D
Acq: 28 May 2019 13:32

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-007-ARE

Tot Ion:	119	Resp:	18559
Ion Ratio	Lower	Upper	
119	100		
134	30.3	14.1	42.3
91	12.9	11.4	34.2

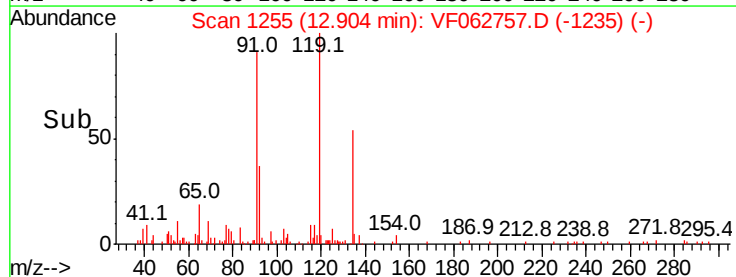
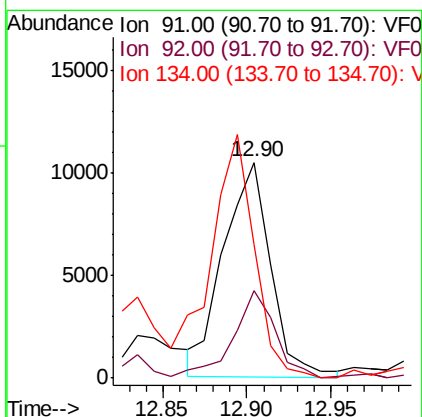
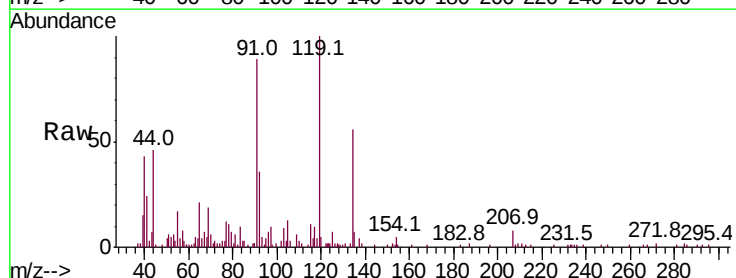
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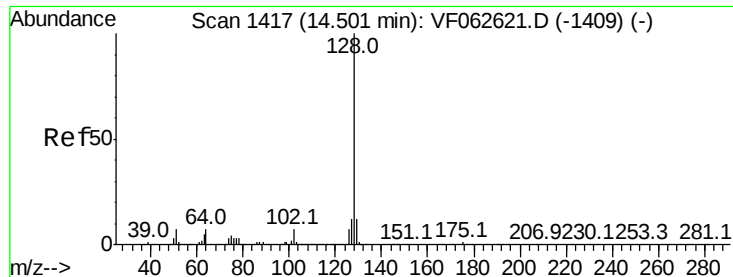
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#89
n-Butylbenzene
Concen: 1.379 ug/l
RT: 12.90 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VF062757.D
Acq: 28 May 2019 13:32

Tgt Ion:	91	Resp:	20323
Ion Ratio	Lower	Upper	
91	100		
92	40.5	33.3	99.8
134	62.1	15.4	46.4#





#95
Naphthalene
Concen: 4.477 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VF062757.D
Acq: 28 May 2019 13:32

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-007-ARE

Tot Ion	Ratio	Lower	Upper
128	100		
127	9.8	9.7	14.5
129	18.9	9.3	13.9#

Manual Integrations
APPROVED

MMDadoda
5/29/2019 11:02:07 AM

