

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111318\
 Data File : VF060715.D
 Acq On : 13 Nov 2018 16:44
 Operator : VA/AP
 Sample : J5807-23DL 4X
 Misc : 5.00µg/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PT-VOA-SOILDL

Manual Integrations
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sam
 11/14/2018 11:53:57 AM

Quant Time: Nov 14 03:46:38 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	222091	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.61	114	390469	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	355022	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	202508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	117433	46.36	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.72%	
35) Dibromofluoromethane	4.12	113	149813	51.04	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.08%	
50) Toluene-d8	7.56	98	387948	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.42	95	184333	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
Target Compounds						
					Qvalue	
16) Acetone	2.23	43	100919	186.385	ug/l	98
19) Methyl tert-butyl Ether	2.43	73	191032	43.948	ug/l	97
20) Methylene Chloride	2.19	84	100412m	56.151	ug/l	
21) trans-1,2-Dichloroethene	2.31	96	101696	53.721	ug/l	92
22) Diisopropyl ether	2.80	45	281100	45.869	ug/l	99
24) 1,1-Dichloroethane	2.88	63	48509	13.075	ug/l	98
25) 2-Butanone	4.34	43	69341	77.858	ug/l	97
27) cis-1,2-Dichloroethene	3.48	96	75901	23.569	ug/l	95
28) Bromochloromethane	3.72	49	85780	44.488	ug/l	91
30) Chloroform	3.87	83	204042	34.277	ug/l	96
32) 1,1,1-Trichloroethane	4.10	97	219267	46.774	ug/l	100
40) Benzene	4.64	78	478933	47.444	ug/l	99
42) 1,2-Dichloroethane	4.95	62	152607	43.747	ug/l	97
44) Trichloroethene	5.51	130	68818	21.607	ug/l	90
45) 1,2-Dichloropropane	6.24	63	58711	22.351	ug/l	97
46) Dibromomethane	6.09	93	41336	23.839	ug/l	98
51) 4-Methyl-2-Pentanone	8.26	43	149540	92.625	ug/l	100
52) Toluene	7.63	92	264369	39.081	ug/l	98
53) t-1,3-Dichloropropene	8.29	75	40228	11.343	ug/l	96
54) cis-1,3-Dichloropropene	7.30	75	135043	29.314	ug/l	97
59) 2-Hexanone	9.50	43	43901	38.693	ug/l	96
60) Dibromochloromethane	8.73	129	40037	14.535	ug/l	91
61) 1,2-Dibromoethane	8.99	107	63753	31.364	ug/l	86
64) Tetrachloroethene	8.16	164	54646	19.437	ug/l	96
65) Chlorobenzene	9.81	112	265901	37.116	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.94	131	52183	16.700	ug/l	88
68) m/p-Xylenes	10.14	106	184255	38.180	ug/l	90
69) o-Xylene	10.72	106	209935	38.693	ug/l	94
71) Bromoform	10.78	173	46331	32.973	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.70	83	18470	6.854	ug/l	94
78) n-propylbenzene	11.61	91	359062	18.887	ug/l	97
86) p-Isopropyltoluene	12.46	119	382983	24.602	ug/l	95
87) 1,3-Dichlorobenzene	12.48	146	96747	14.328	ug/l	98
91) 1,2-Dichlorobenzene	12.95	146	205626	32.343	ug/l	95

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PT-VOA-SOILDL

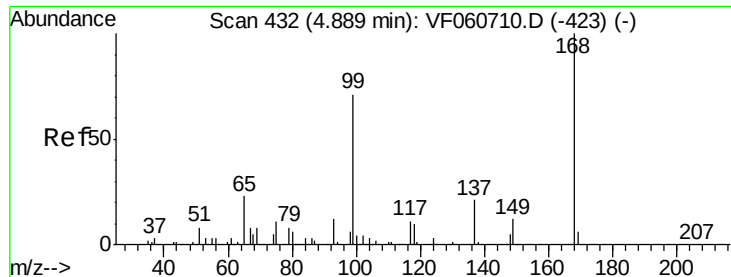
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Quant Time: Nov 14 03:46:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.65	75	8792	17.358	ug/l	84
95) Naphthalene	14.47	128	197718	23.713	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF060715.D

Acq: 13 Nov 2018 16:44

Instrument :

MSVOA_F

ClientSampleId :

PT-VOA-SOILDL

Tot Ion:168 Resp: 222091

Ion Ratio Lower Upper

168 100

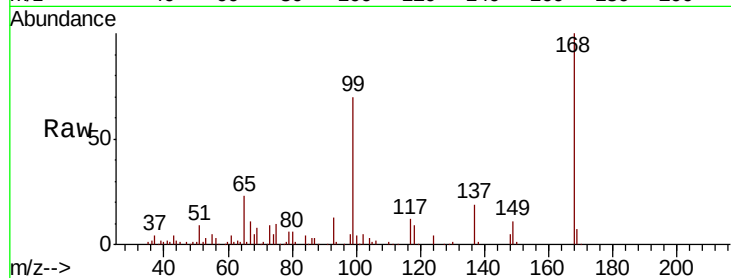
99 70.1 57.2 85.8

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

80000

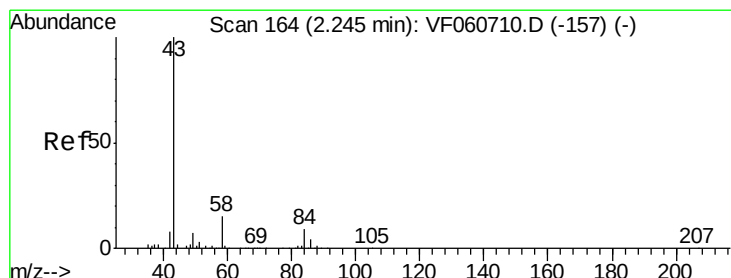
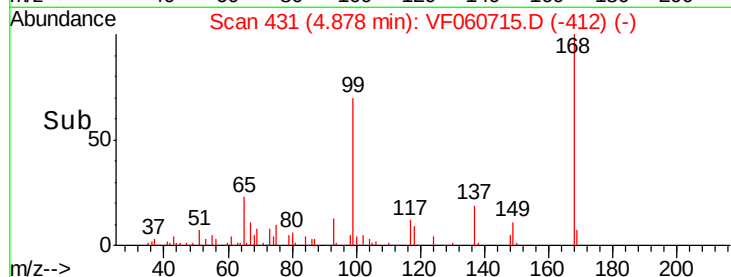
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#16

Acetone

Concen: 186.385 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF060715.D

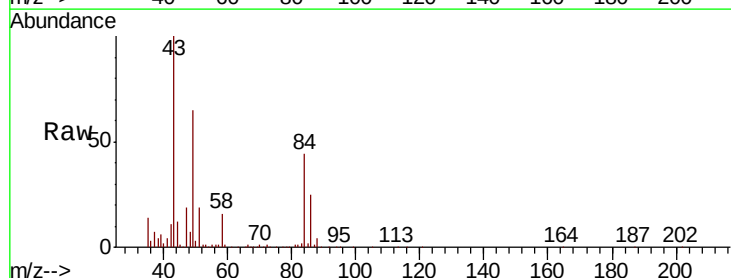
Acq: 13 Nov 2018 16:44

Tgt Ion: 43 Resp: 100919

Ion Ratio Lower Upper

43 100

58 15.5 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

40000

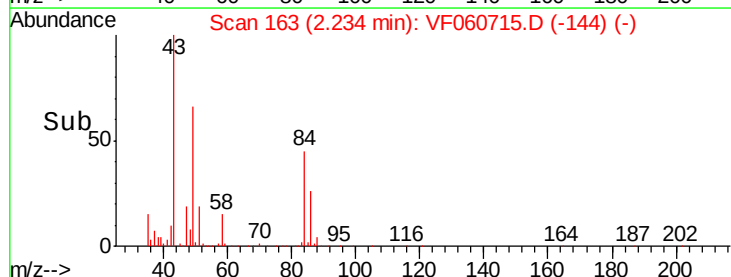
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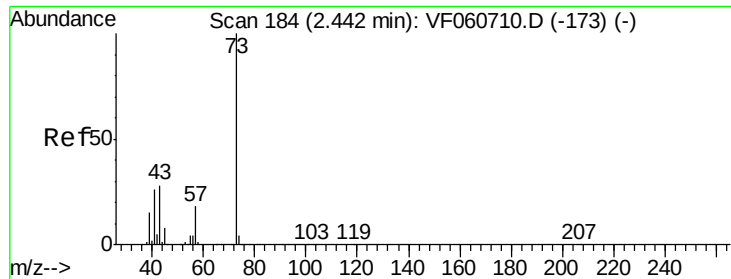
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10000

0

Time--> 2.10 2.20 2.30 2.40





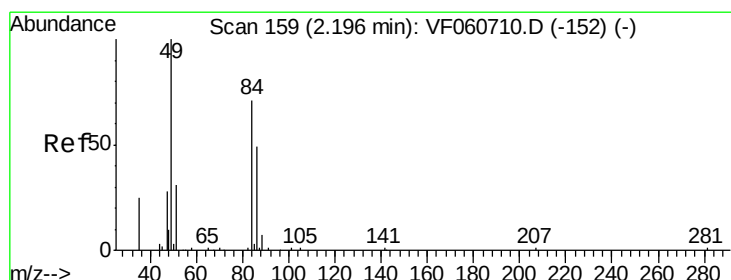
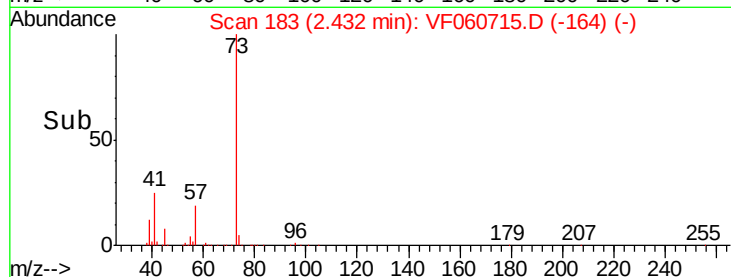
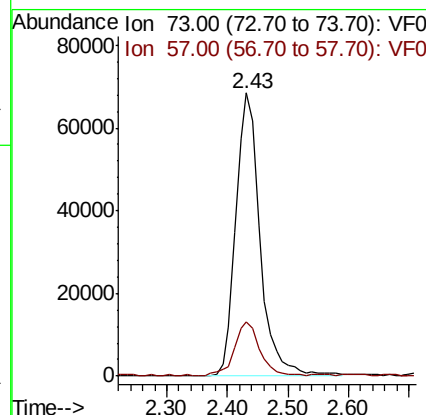
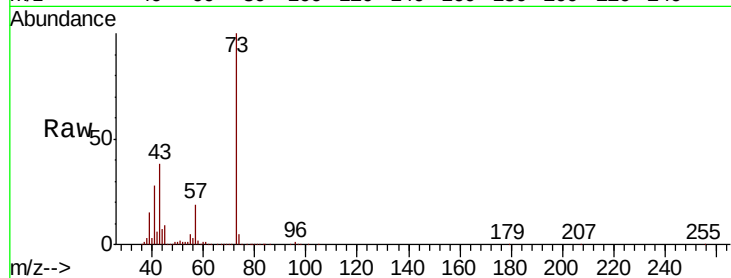
#19
Methyl tert-butyl Ether
Concen: 43.948 ug/l
RT: 2.43 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
PT-VOA-SOILDL

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.2	14.3	21.5

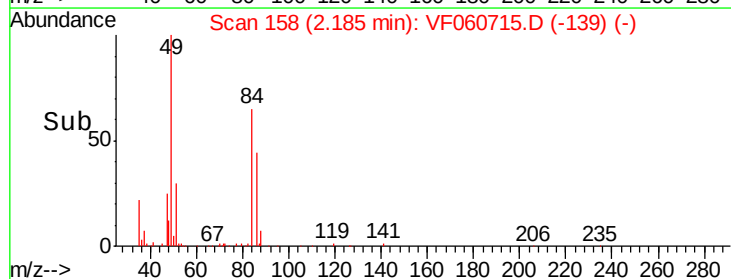
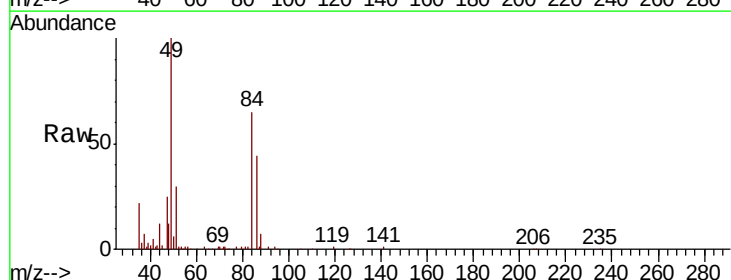
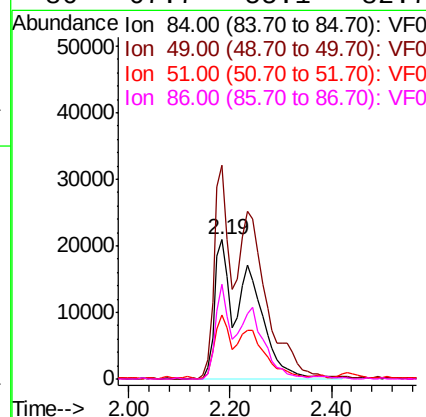
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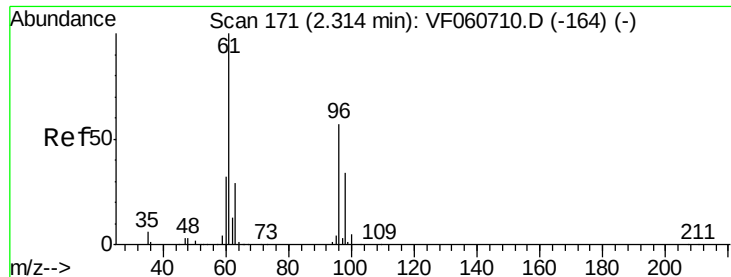
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#20
Methylene Chloride
Concen: 56.151 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	153.4	120.2	180.4
51	46.3	37.2	55.8
86	67.7	55.1	82.7





#21

trans-1,2-Dichloroethene

Concen: 53.721 ug/l

RT: 2.31 min Scan# 171

Delta R.T. -0.00 min

Lab File: VF060715.D

Acq: 13 Nov 2018 16:44

Instrument :

MSVOA_F

ClientSampleId :

PT-VOA-SOILDL

Tot Ion: 96 Resp: 101696

Ion Ratio Lower Upper

96 100

61 169.5 141.6 212.4

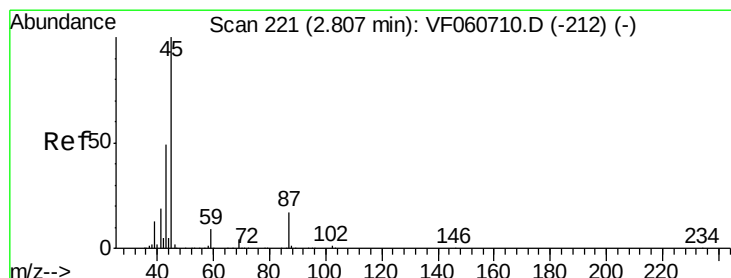
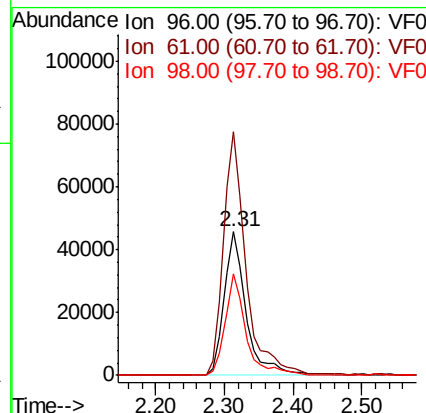
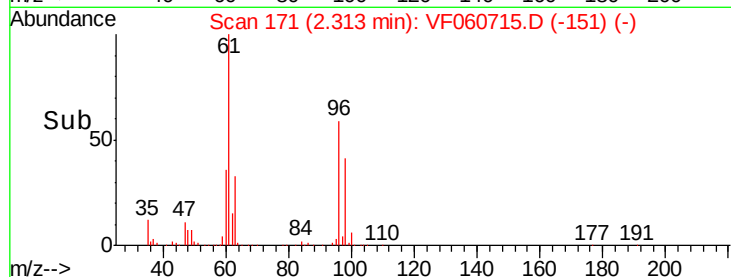
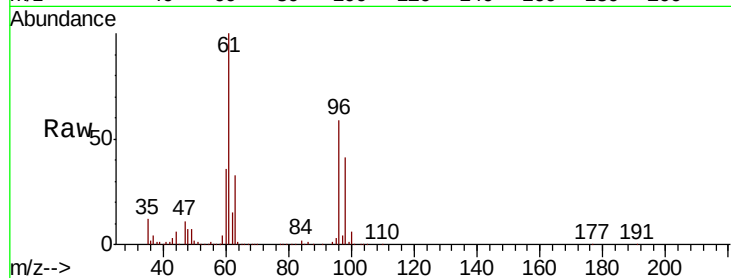
98 70.3 47.4 71.0

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#22

Diisopropyl ether

Concen: 45.869 ug/l

RT: 2.80 min Scan# 220

Delta R.T. -0.01 min

Lab File: VF060715.D

Acq: 13 Nov 2018 16:44

Tgt Ion: 45 Resp: 281100

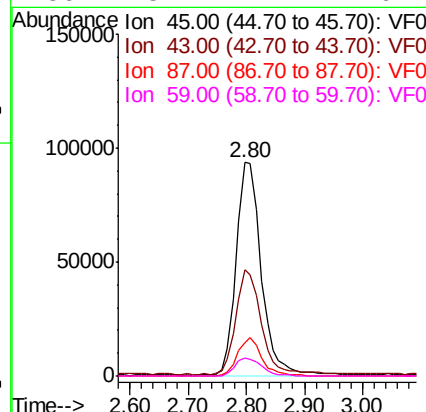
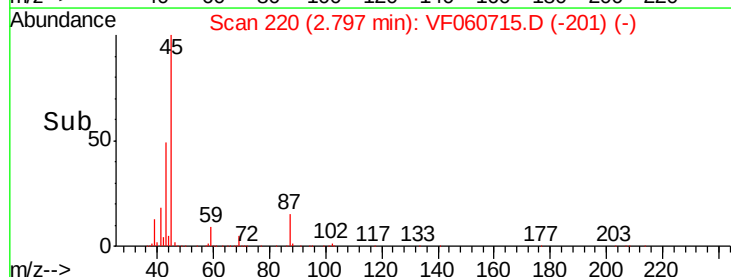
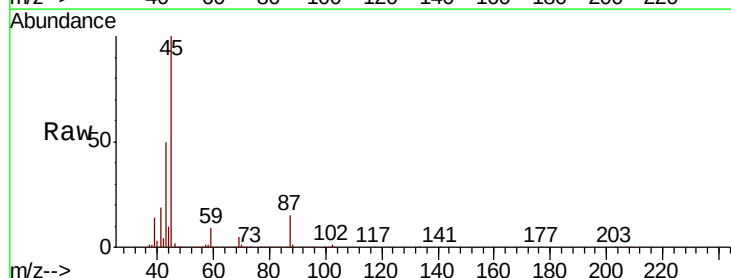
Ion Ratio Lower Upper

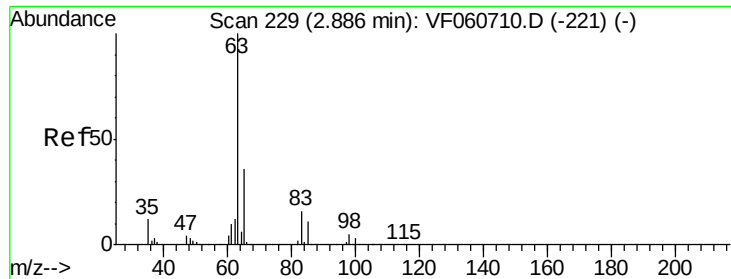
45 100

43 49.5 39.9 59.9

87 15.4 13.9 20.9

59 8.7 7.1 10.7





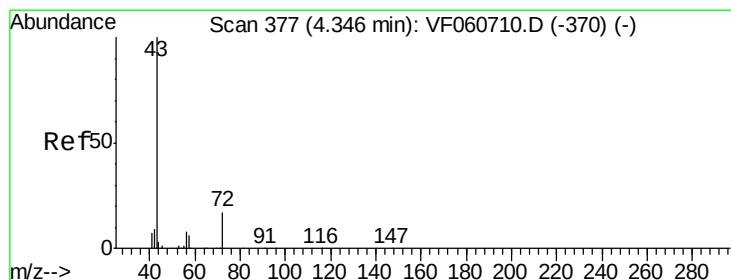
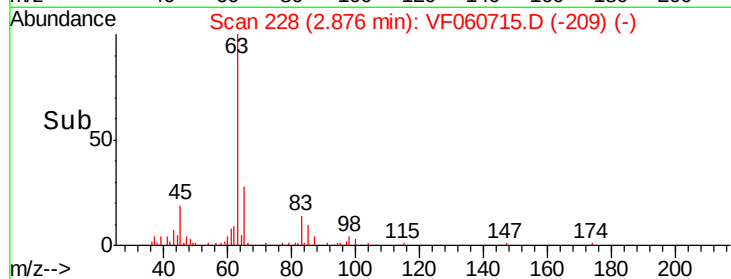
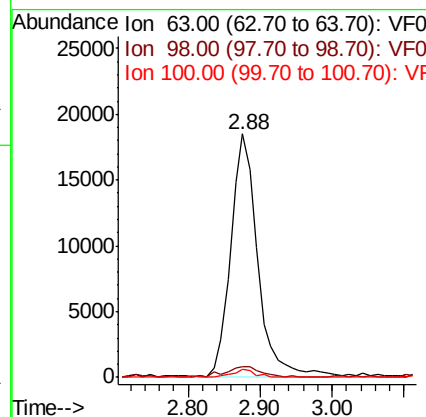
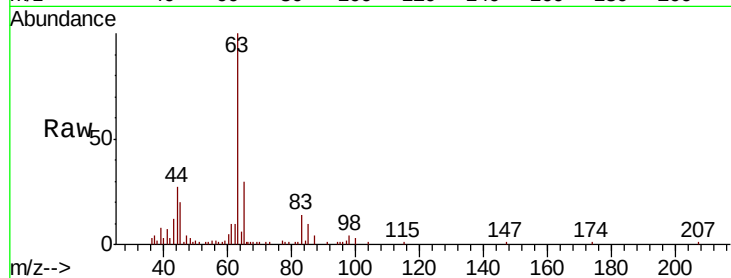
#24
 1,1-Dichloroethane
 Concen: 13.075 ug/l
 RT: 2.88 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VF060715.D
 Acq: 13 Nov 2018 16:44

Instrument :
 MSVOA_F
 ClientSampleId :
 PT-VOA-SOILDL

Tot Ion:	63	Resp:	48509
Ion Ratio	Lower	Upper	
63	100		
98	4.3	2.4	7.1
100	3.5	1.4	4.2

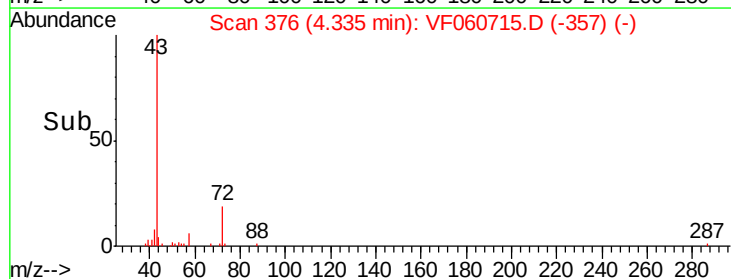
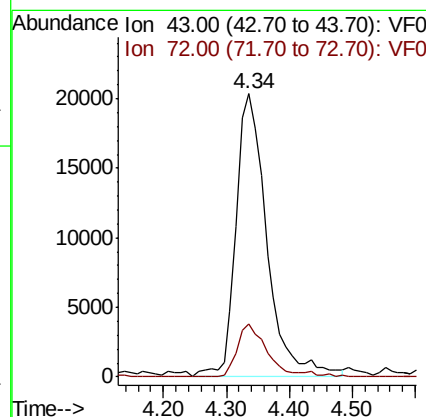
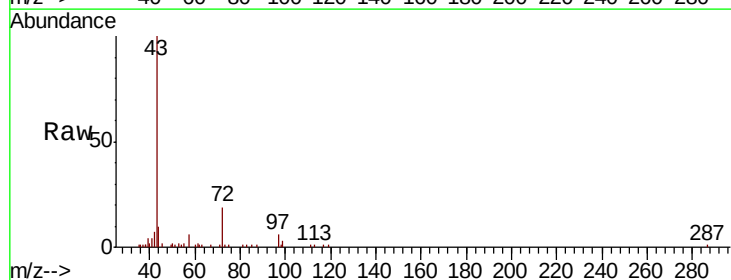
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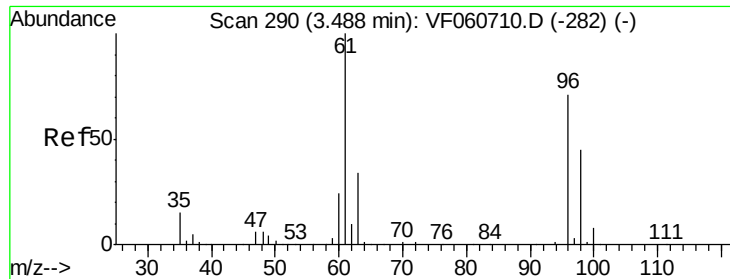
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#25
 2-Butanone
 Concen: 77.858 ug/l
 RT: 4.34 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VF060715.D
 Acq: 13 Nov 2018 16:44

Tgt Ion:	43	Resp:	69341
Ion Ratio	Lower	Upper	
43	100		
72	18.9	16.1	24.1





#27

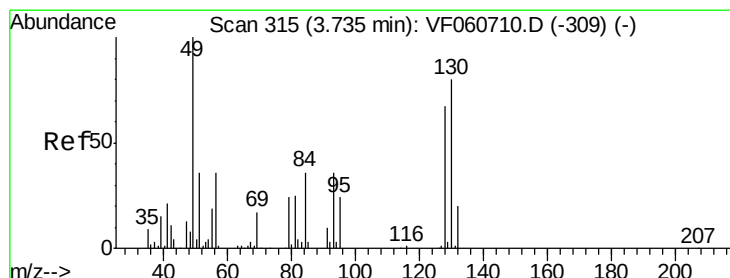
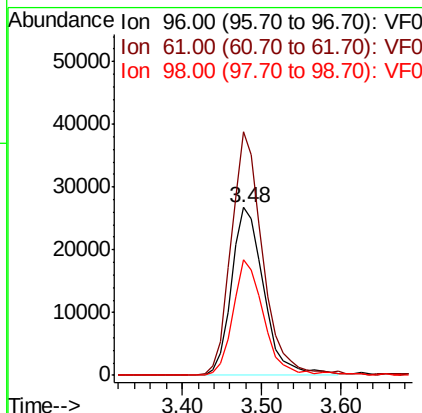
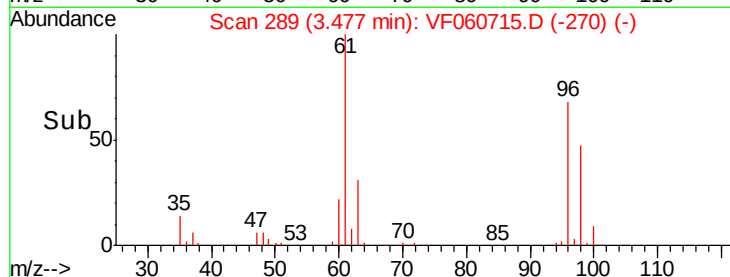
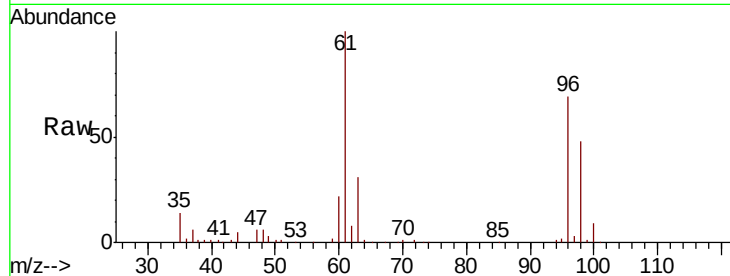
cis-1,2-Dichloroethene
 Concen: 23.569 ug/l
 RT: 3.48 min Scan# 289
 Delta R.T. -0.01 min
 Lab File: VF060715.D
 Acq: 13 Nov 2018 16:44

Instrument :
 MSVOA_F
 ClientSampleId :
 PT-VOA-SOILDL

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.1	0.0	280.6	
98	69.1	0.0	127.6	

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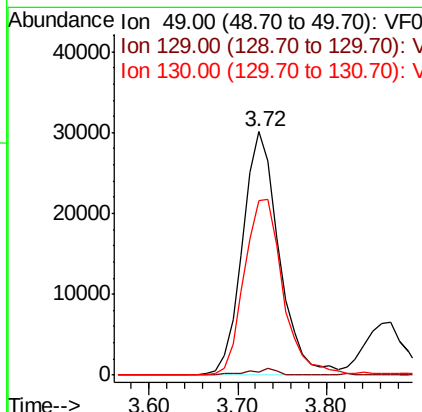
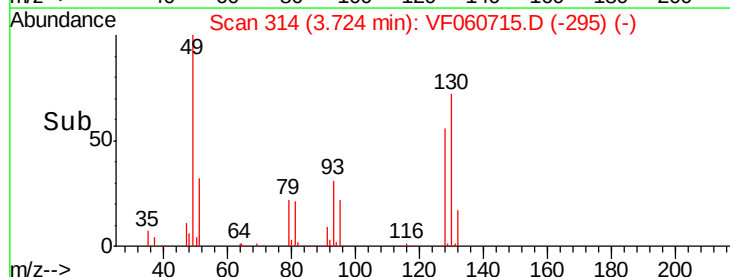
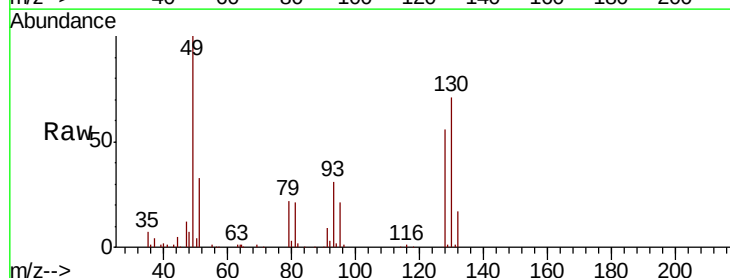
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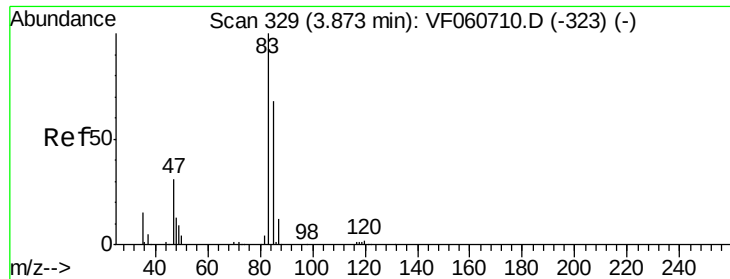


#28

Bromochloromethane
 Concen: 44.488 ug/l
 RT: 3.72 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VF060715.D
 Acq: 13 Nov 2018 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.3	0.0	5.2	
130	71.5	63.9	95.9	





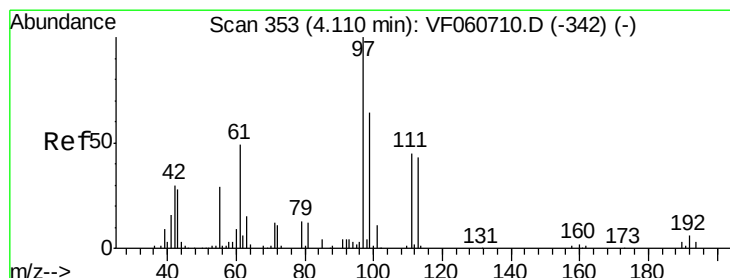
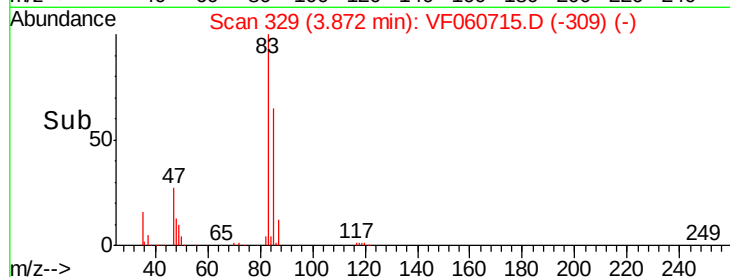
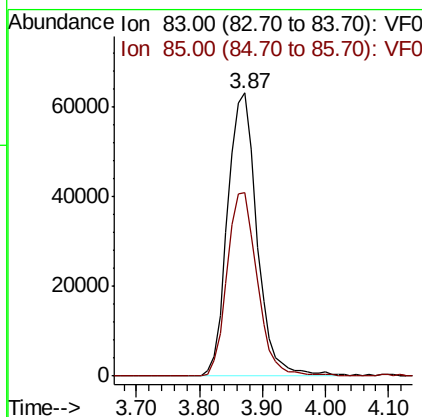
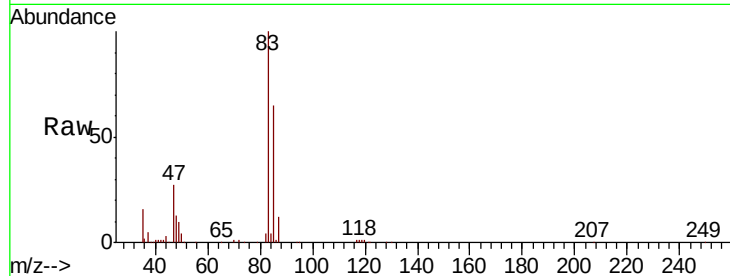
#30
Chloroform
Concen: 34.277 ug/l
RT: 3.87 min Scan# 329
Delta R.T. -0.00 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
PT-VOA-SOILDL

Tot Ion	83	Resp	204042
Ion	Ratio	Lower	Upper
83	100		
85	64.9	54.6	82.0

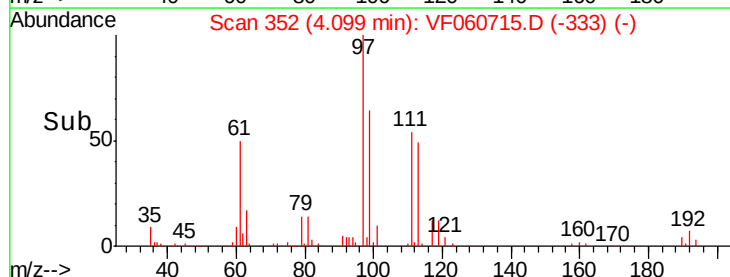
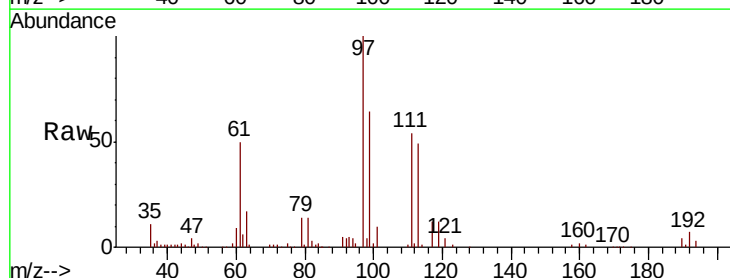
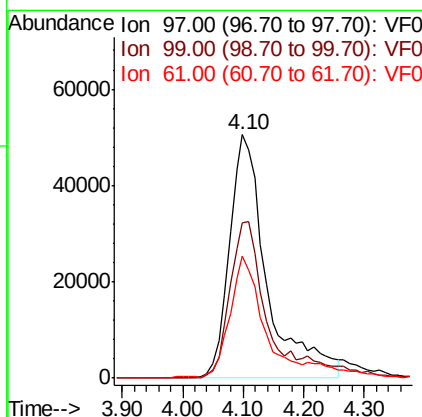
Manual Integrations
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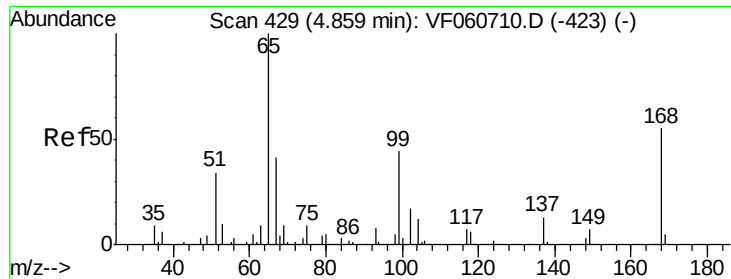
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#32
1,1,1-Trichloroethane
Concen: 46.774 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Tgt Ion	97	Resp	219267
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	50.1	40.1	60.1





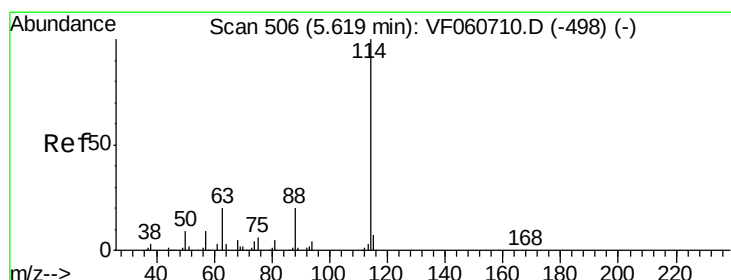
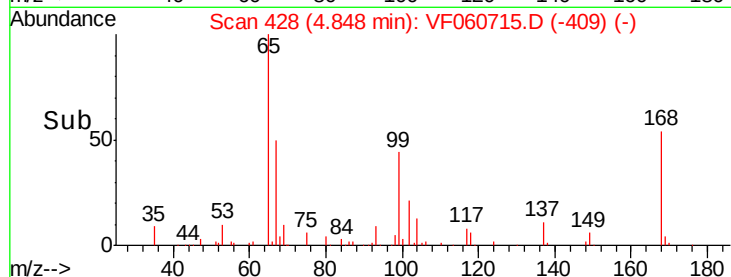
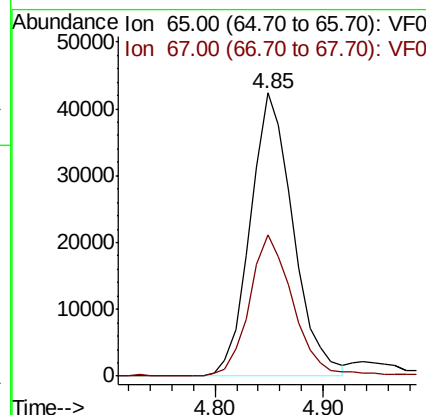
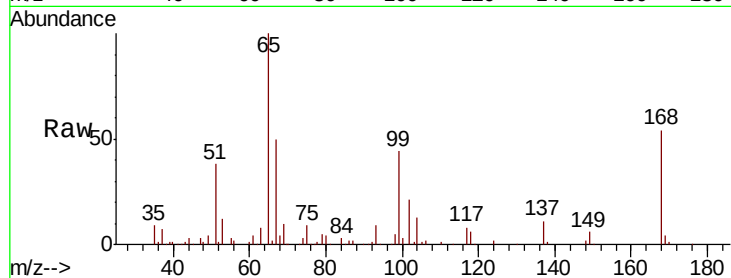
#33
 1,2-Dichloroethane-d4
 Concen: 46.357 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: VF060715.D
 Acq: 13 Nov 2018 16:44

Instrument :
 MSVOA_F
 ClientSampleId :
 PT-VOA-SOILD

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	90.2

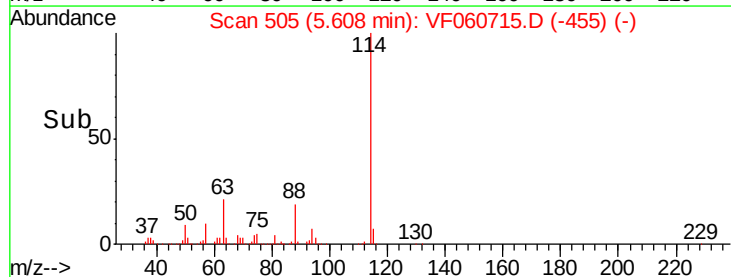
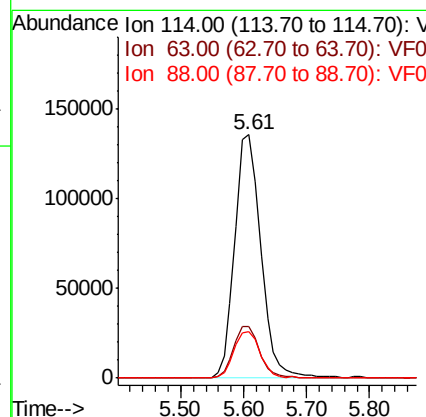
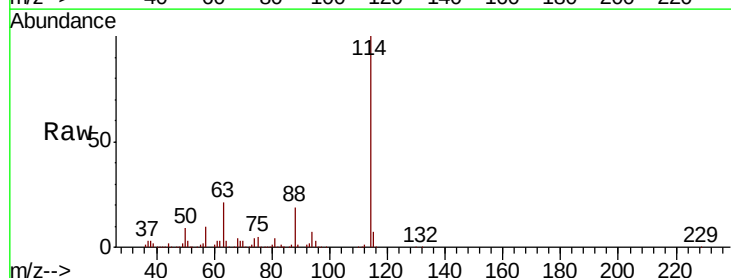
Manual Integrations
 APPROVED

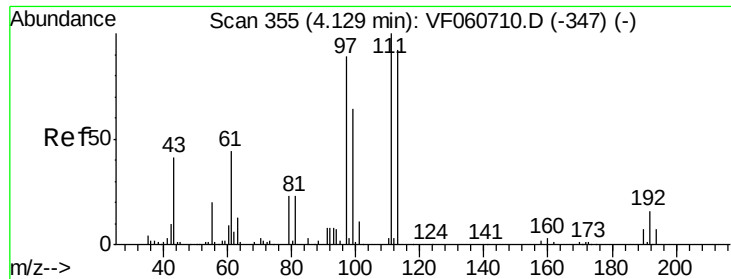
sam
 11/14/2018 11:53:57 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: VF060715.D
 Acq: 13 Nov 2018 16:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	19.1	0.0	39.6





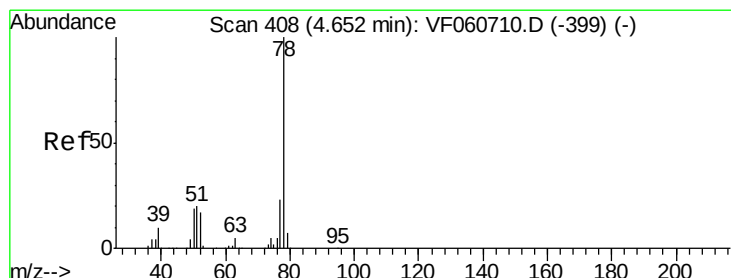
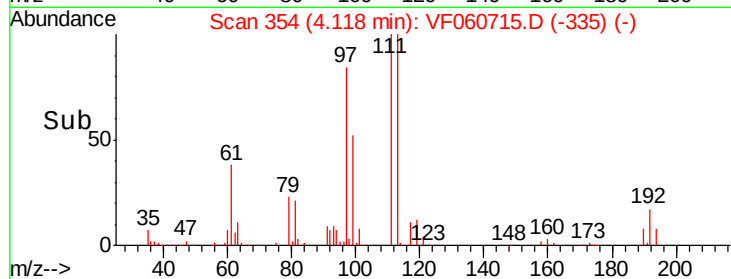
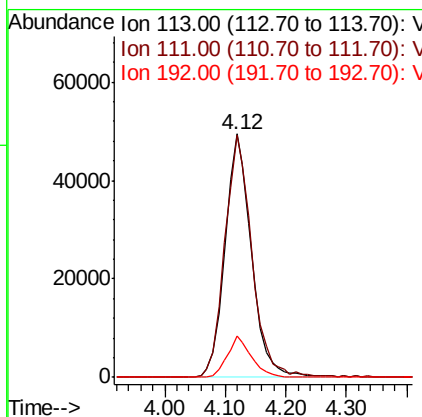
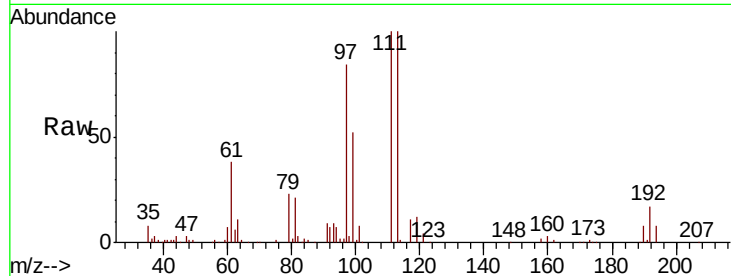
#35
Dibromofluoromethane
Concen: 51.041 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.01 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
PT-VOA-SOILDL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149813		
111	99.7	87.1	130.7	
192	16.8	13.8	20.6	

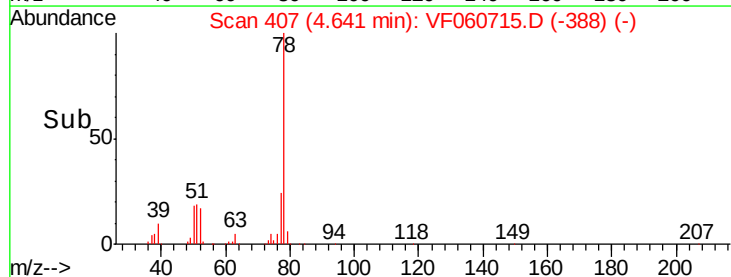
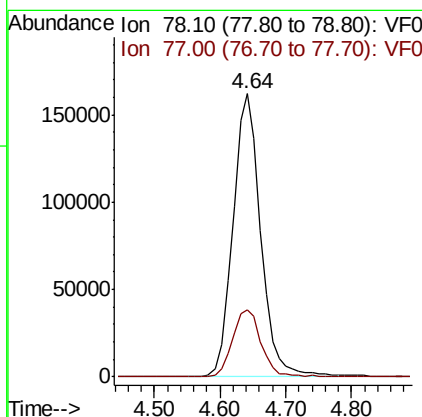
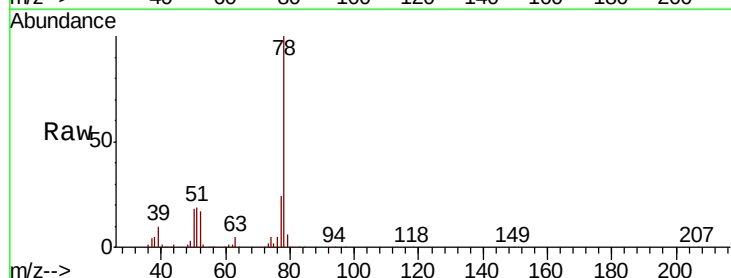
Manual Integrations
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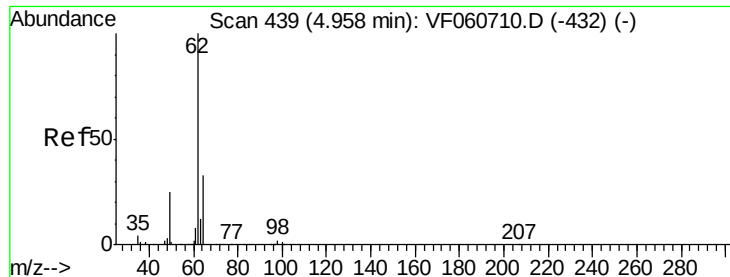
sam
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#40
Benzene
Concen: 47.444 ug/l
RT: 4.64 min Scan# 407
Delta R.T. -0.01 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	478933		
77	23.6	18.6	28.0	





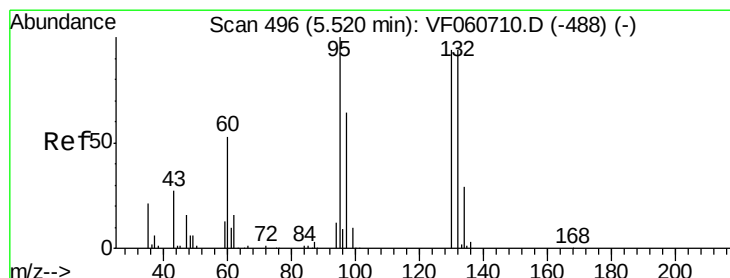
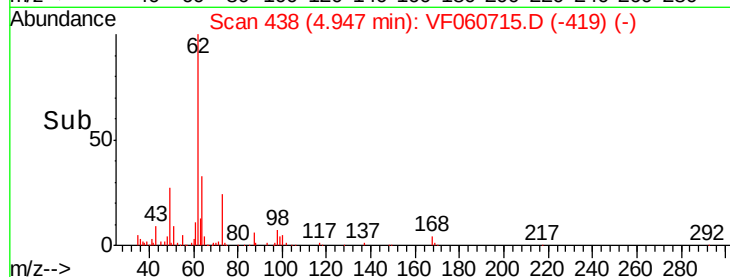
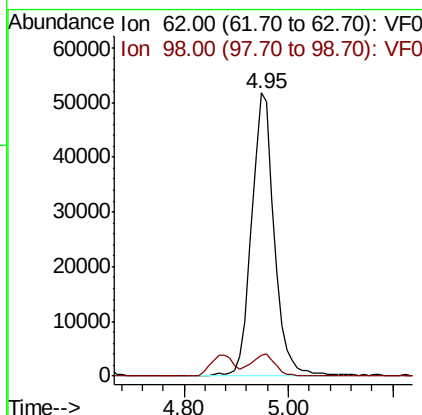
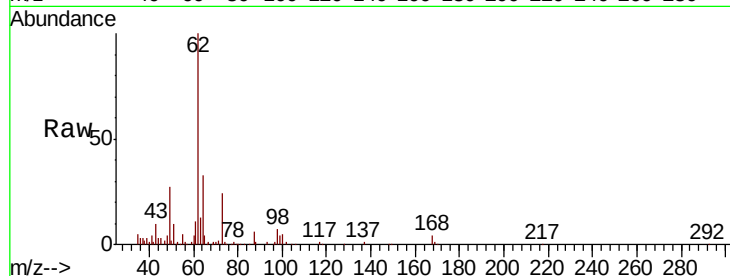
#42
 1,2-Dichloroethane
 Concen: 43.747 ug/l
 RT: 4.95 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: VF060715.D
 Acq: 13 Nov 2018 16:44

Instrument :
 MSVOA_F
 ClientSampleId :
 PT-VOA-SOILDL

Tot Ion	62	Resp	152607
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	16.6

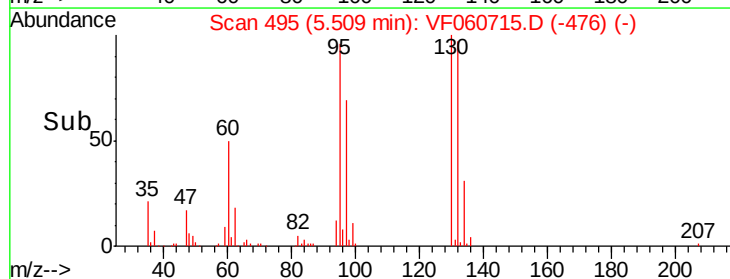
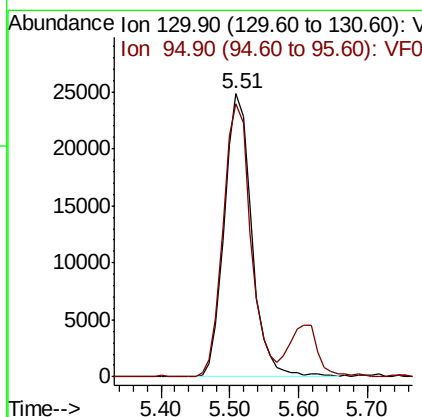
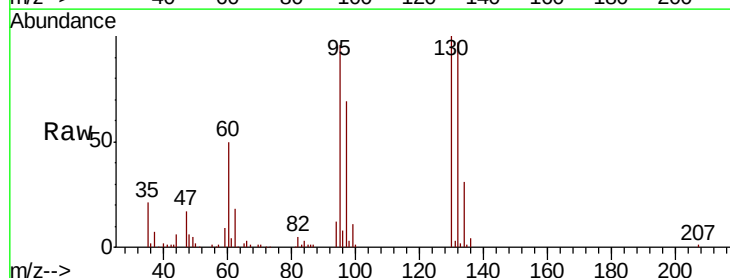
Manual Integrations
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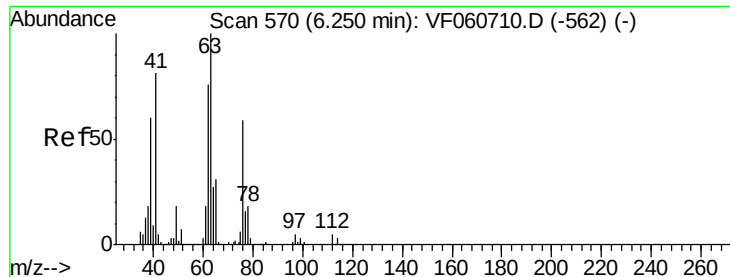
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#44
 Trichloroethene
 Concen: 21.607 ug/l
 RT: 5.51 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VF060715.D
 Acq: 13 Nov 2018 16:44

Tgt Ion	130	Resp	68818
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	212.6





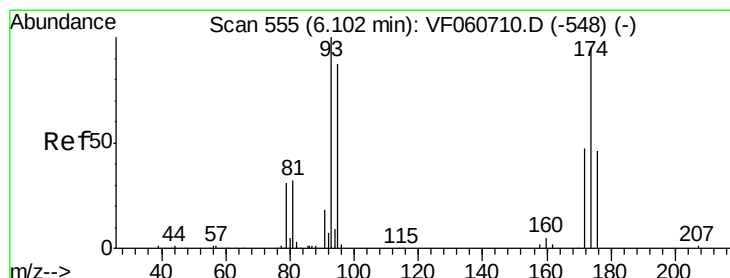
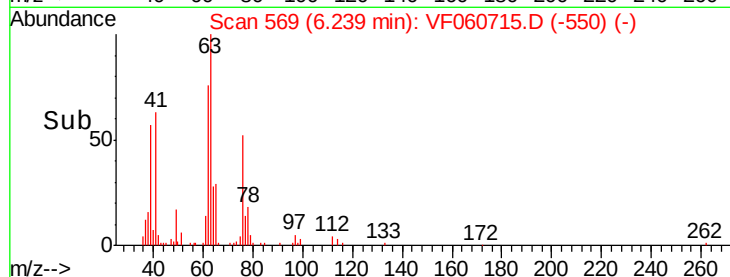
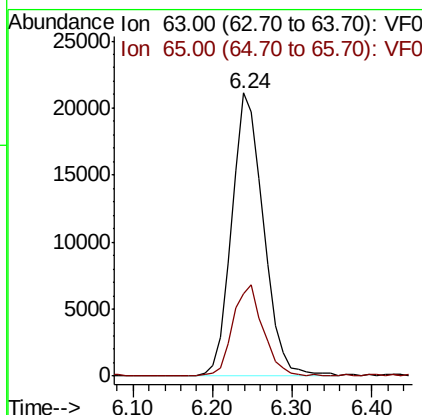
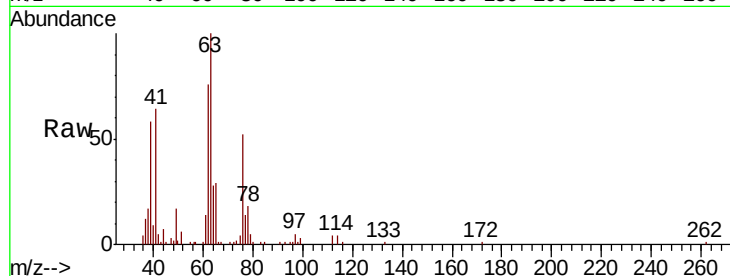
#45
 1,2-Dichloropropane
 Concen: 22.351 ug/l
 RT: 6.24 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VF060715.D
 Acq: 13 Nov 2018 16:44

Instrument :
 MSVOA_F
 ClientSampleId :
 PT-VOA-SOILD

Tot Ion: 63 Resp: 58711
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.6 36.8

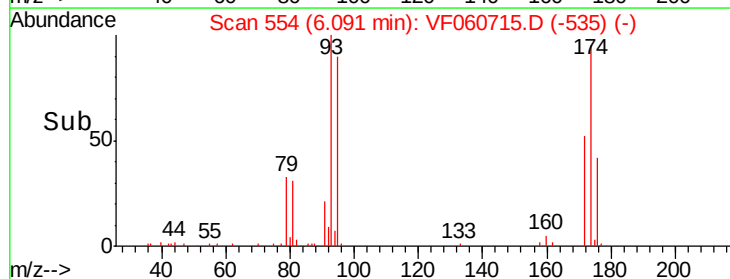
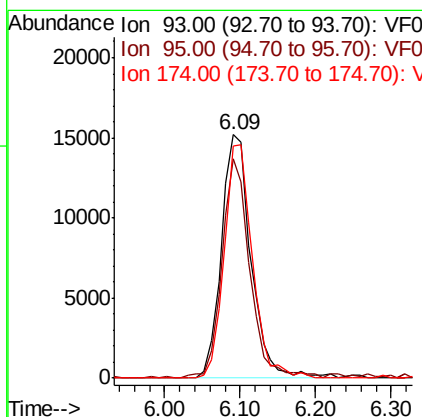
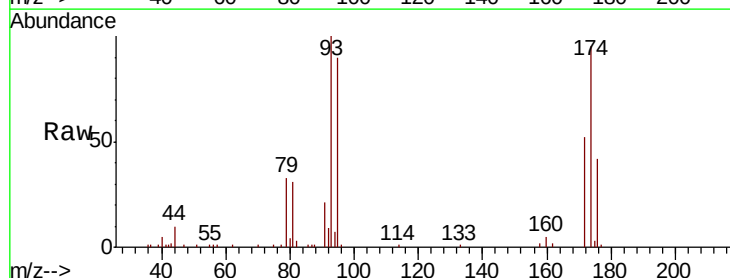
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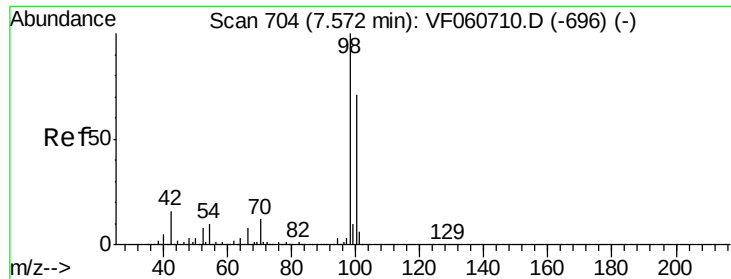
sam
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#46
 Dibromomethane
 Concen: 23.839 ug/l
 RT: 6.09 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: VF060715.D
 Acq: 13 Nov 2018 16:44

Tgt Ion: 93 Resp: 41336
 Ion Ratio Lower Upper
 93 100
 95 90.3 69.5 104.3
 174 95.1 76.2 114.2





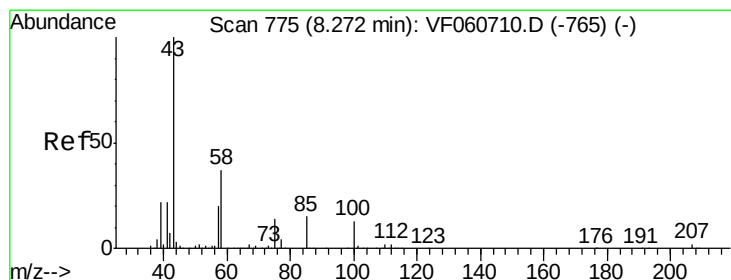
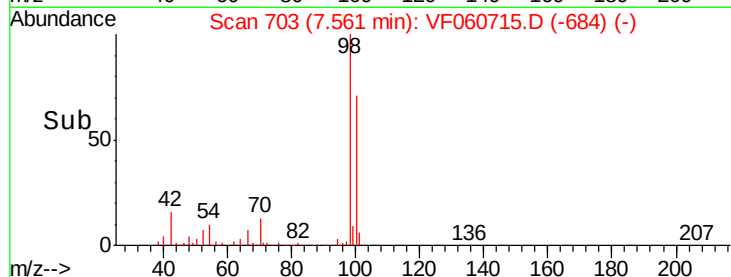
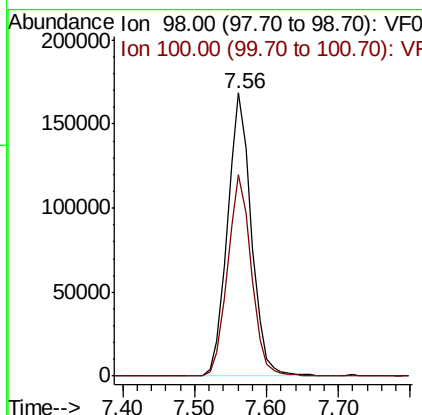
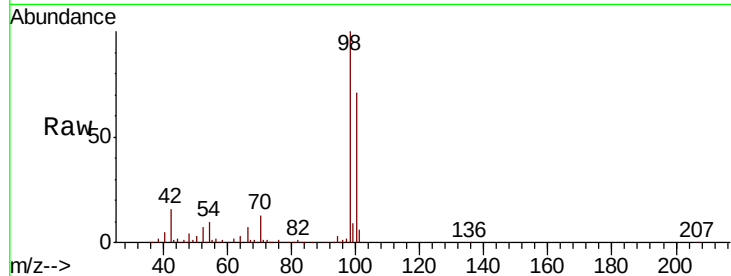
#50
Toluene-d8
Concen: 51.627 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.01 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
PT-VOA-SOILDL

Tot Ion: 98 Resp: 387948
Ion Ratio Lower Upper
98 100
100 71.2 56.5 84.7

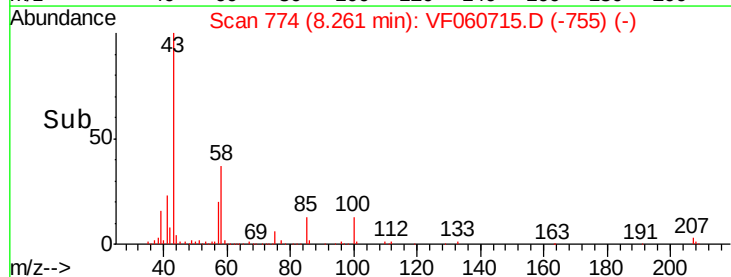
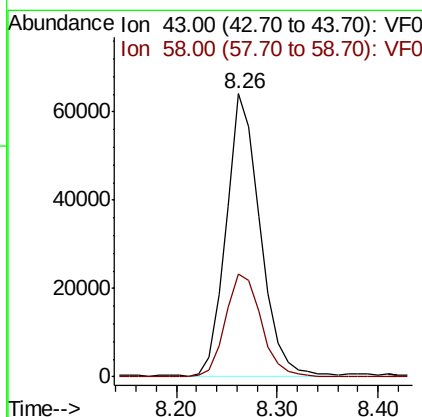
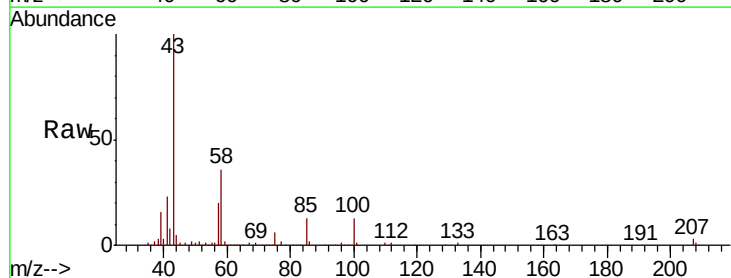
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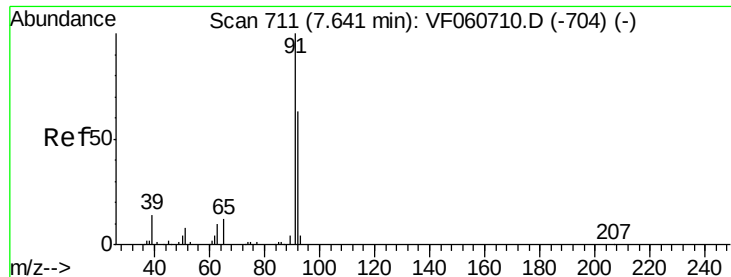
sam
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#51
4-Methyl-2-Pentanone
Concen: 92.625 ug/l
RT: 8.26 min Scan# 774
Delta R.T. -0.01 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Tgt Ion: 43 Resp: 149540
Ion Ratio Lower Upper
43 100
58 36.5 29.2 43.8





#52

Toluene

Concen: 39.081 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.01 min

Lab File: VF060715.D

Acq: 13 Nov 2018 16:44

Instrument :

MSVOA_F

ClientSampleId :

PT-VOA-SOILDL

Tot Ion: 92 Resp: 264369

Ion Ratio Lower Upper

92 100

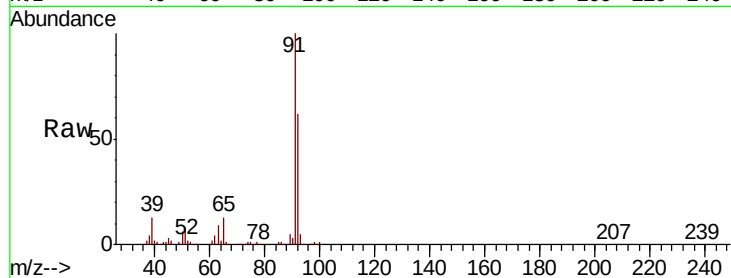
91 160.8 126.7 190.1

Manual Integrations

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Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

200000

150000

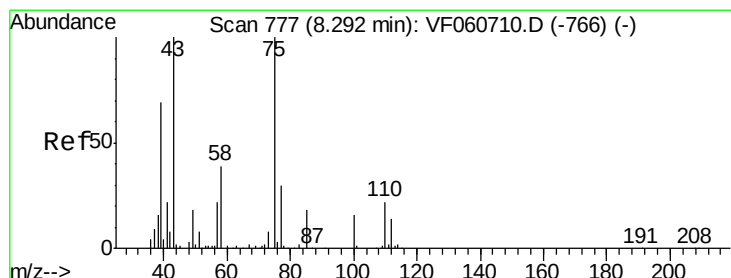
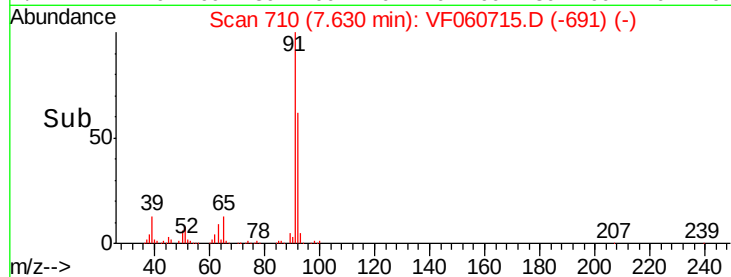
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#53

t-1,3-Dichloropropene

Concen: 11.343 ug/l

RT: 8.29 min Scan# 777

Delta R.T. -0.00 min

Lab File: VF060715.D

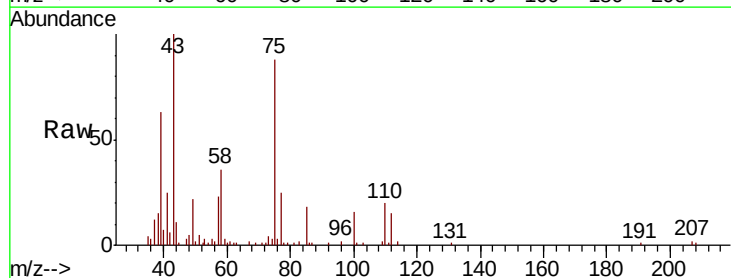
Acq: 13 Nov 2018 16:44

Tgt Ion: 75 Resp: 40228

Ion Ratio Lower Upper

75 100

77 28.3 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

15000

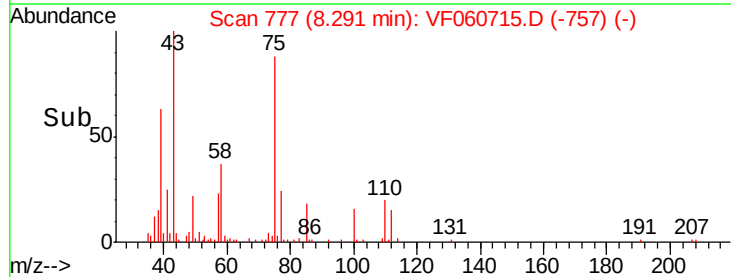
10000

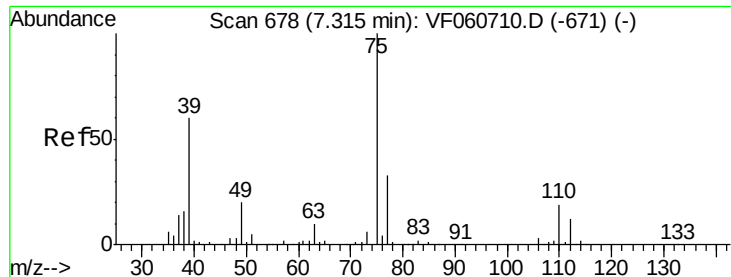
5000

0

8.10 8.20 8.30 8.40

Time-->





#54

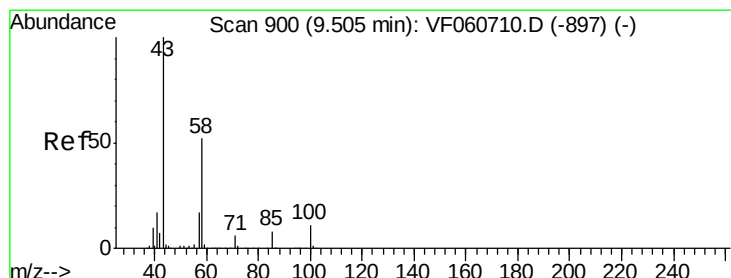
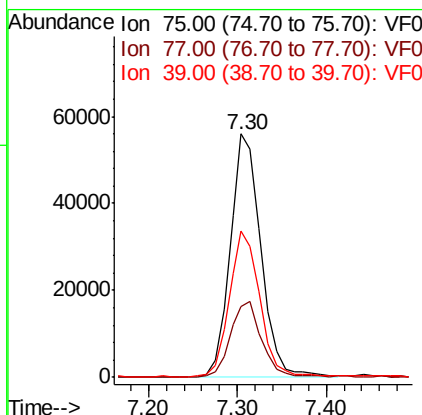
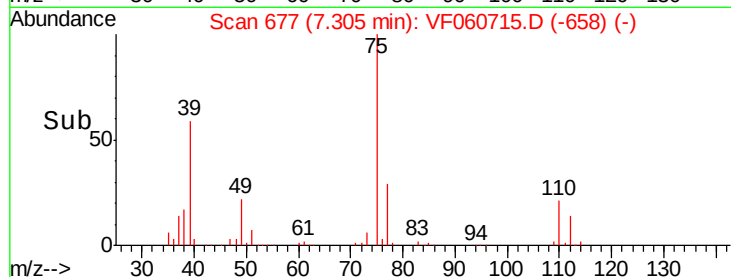
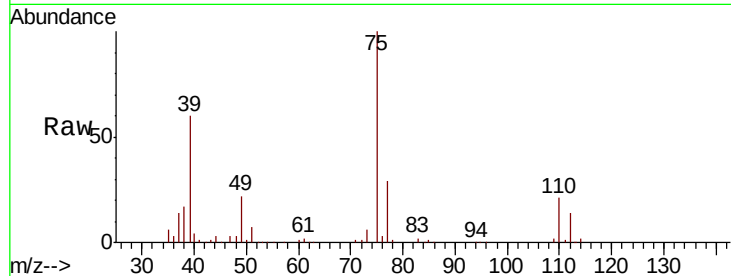
cis-1,3-Dichloropropene
Concen: 29.314 ug/l
RT: 7.30 min Scan# 677
Delta R.T. -0.01 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
PT-VOA-SOILDL

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.0	26.5	39.7
39	59.9	48.5	72.7

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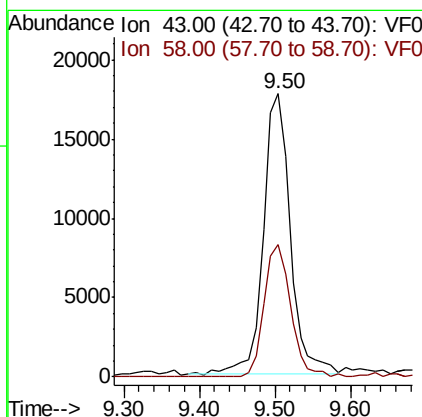
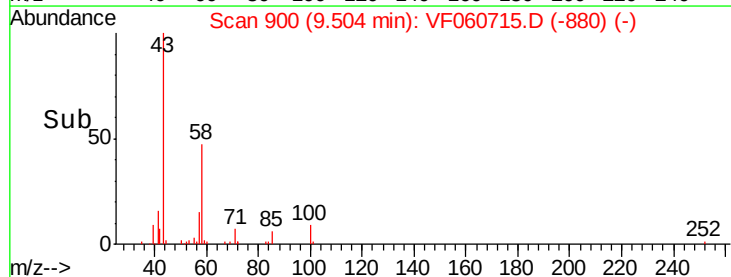
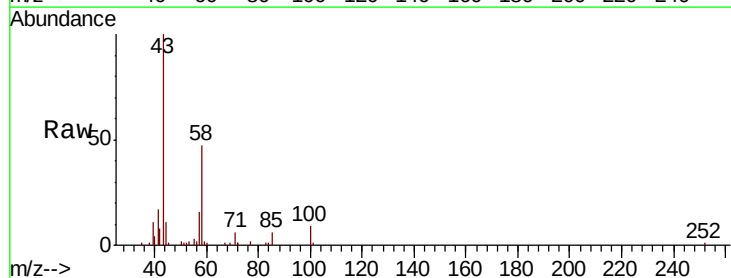
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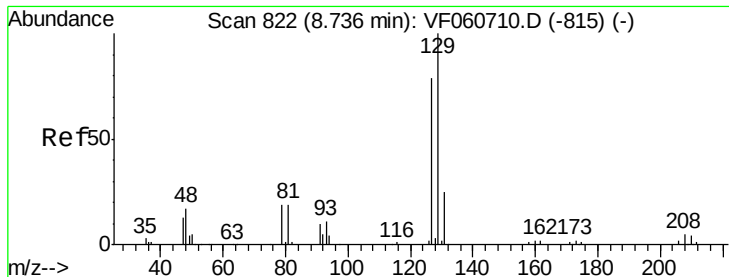


#59

2-Hexanone
Concen: 38.693 ug/l
RT: 9.50 min Scan# 900
Delta R.T. -0.00 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	46.8	24.9	74.7





#60

Dibromochloromethane

Concen: 14.535 ug/l

RT: 8.73 min Scan# 821

Delta R.T. -0.01 min

Lab File: VF060715.D

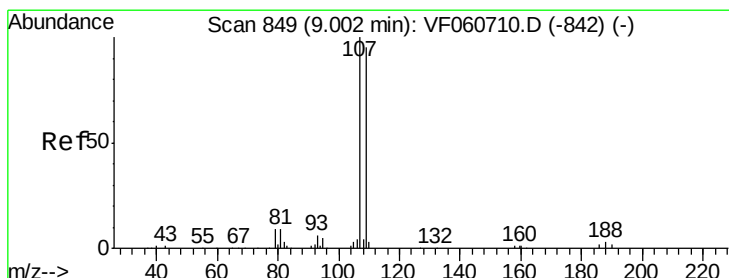
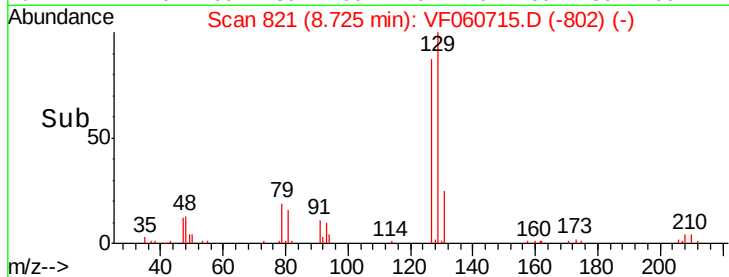
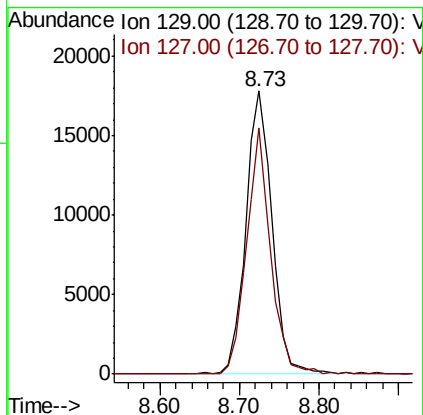
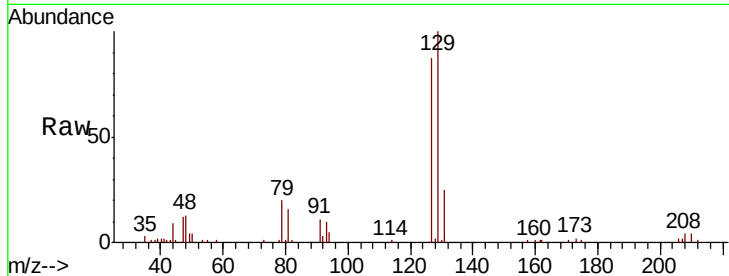
Acq: 13 Nov 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
PT-VOA-SOILDL

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	86.9	39.7	119.1	

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#61

1,2-Dibromoethane

Concen: 31.364 ug/l

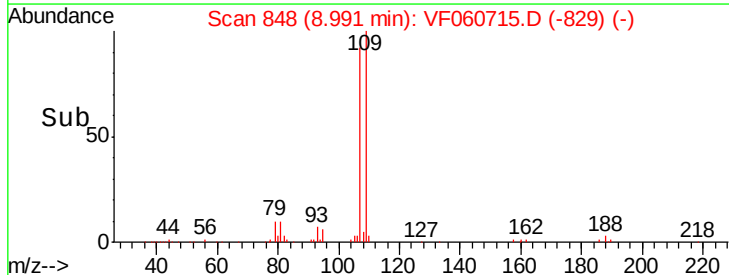
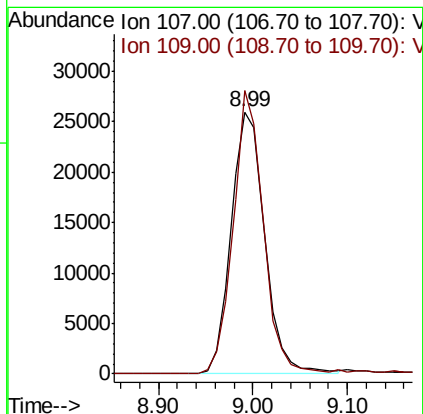
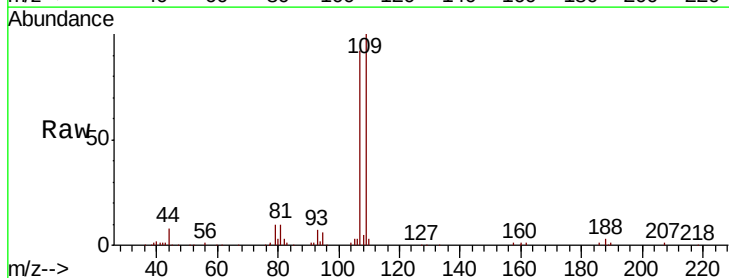
RT: 8.99 min Scan# 848

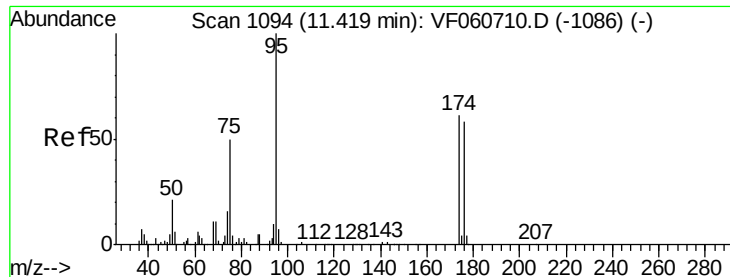
Delta R.T. -0.01 min

Lab File: VF060715.D

Acq: 13 Nov 2018 16:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	108.1	75.9	113.9	





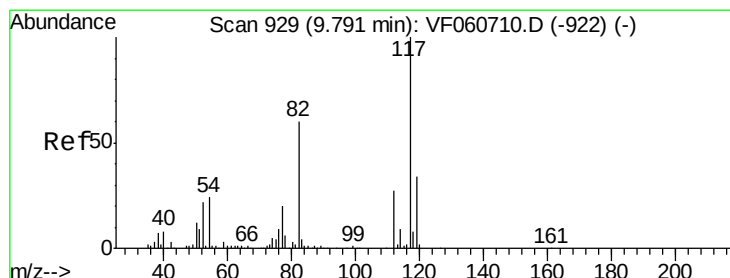
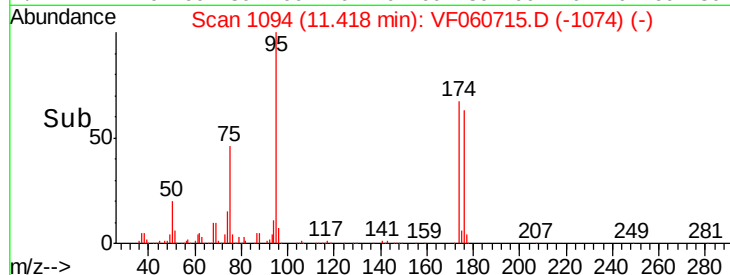
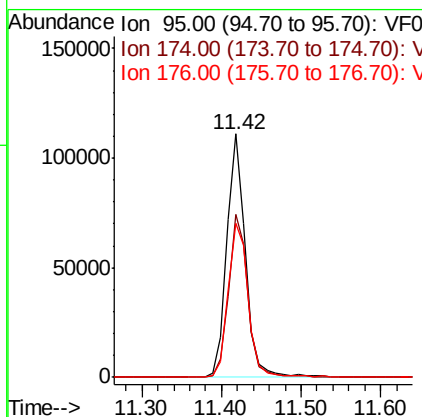
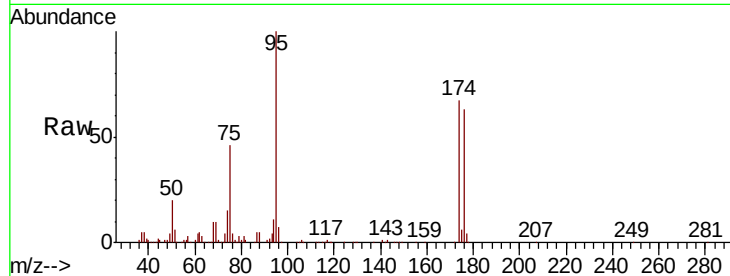
#62
4-Bromofluorobenzene
Concen: 53.341 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
PT-VOA-SOILDL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	184333		
174	66.9	0.0	121.6	
176	63.4	0.0	115.2	

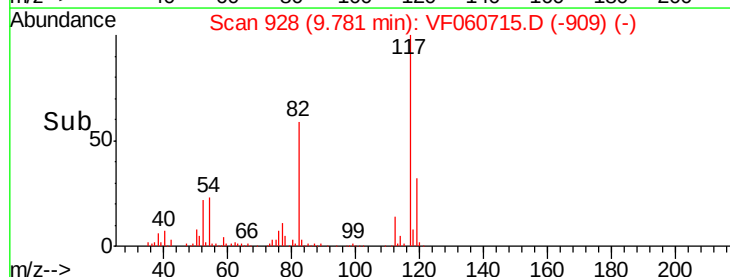
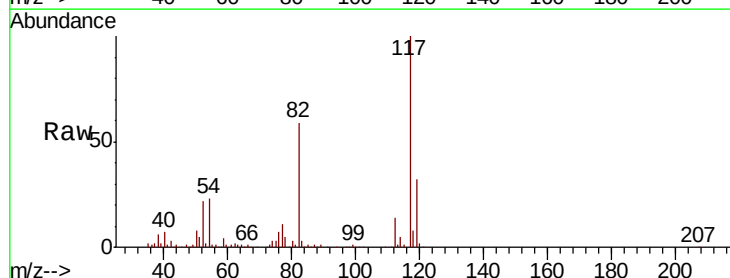
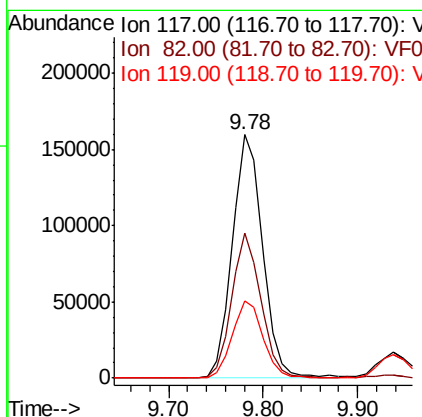
Manual Integrations
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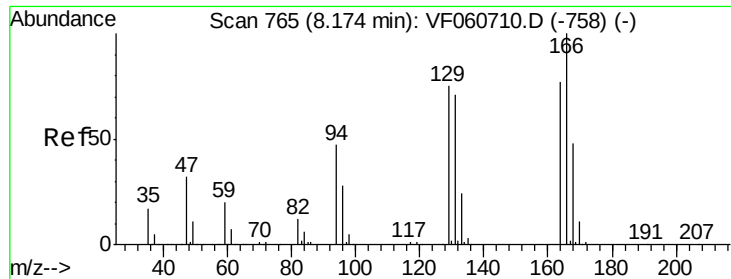
sam
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	355022		
82	59.5	47.9	71.9	
119	31.7	26.8	40.2	





#64

Tetrachloroethene

Concen: 19.437 ug/l

RT: 8.16 min Scan# 764

Delta R.T. -0.01 min

Lab File: VF060715.D

Acq: 13 Nov 2018 16:44

Instrument :

MSVOA_F

ClientSampleId :

PT-VOA-SOILDL

Tot Ion:164 Resp: 54646

Ion Ratio Lower Upper

164 100

166 123.9 103.5 155.3

129 97.3 77.4 116.2

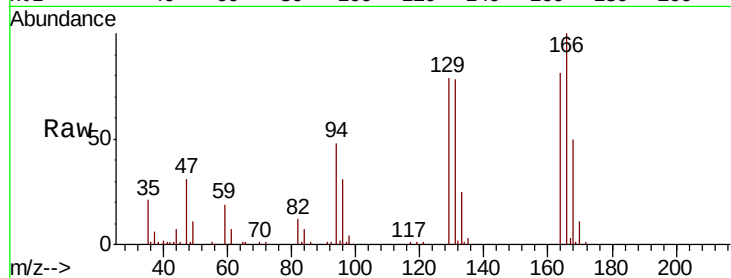
131 96.7 73.5 110.3

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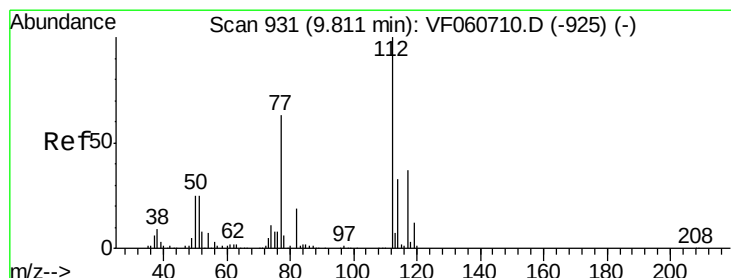
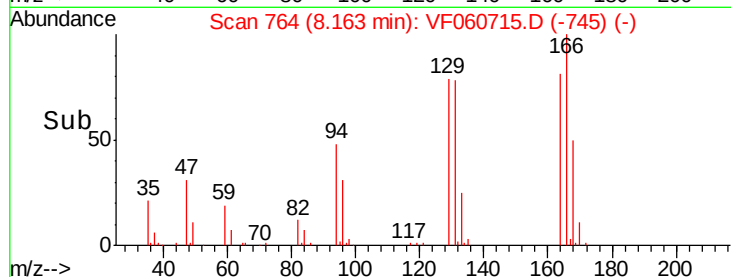
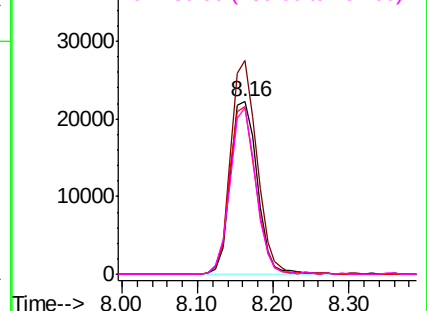
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#65

Chlorobenzene

Concen: 37.116 ug/l

RT: 9.81 min Scan# 931

Delta R.T. -0.00 min

Lab File: VF060715.D

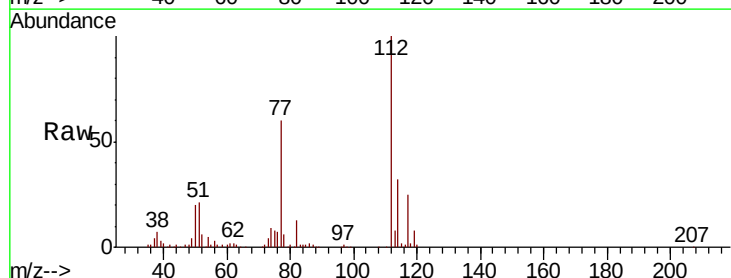
Acq: 13 Nov 2018 16:44

Tgt Ion:112 Resp: 265901

Ion Ratio Lower Upper

112 100

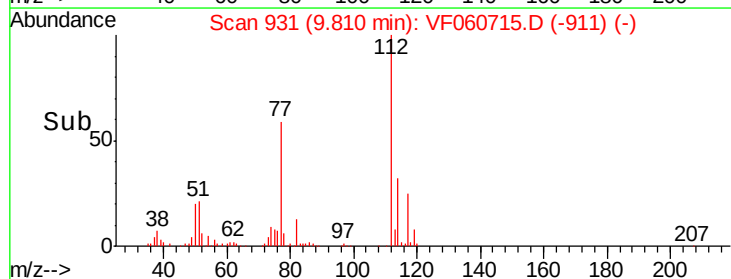
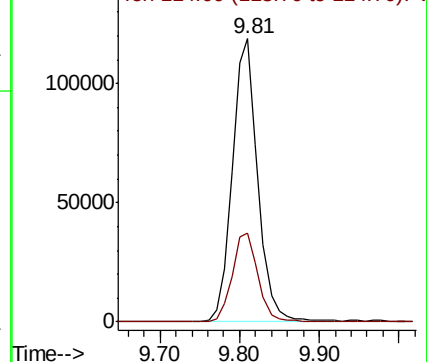
114 31.5 26.1 39.1

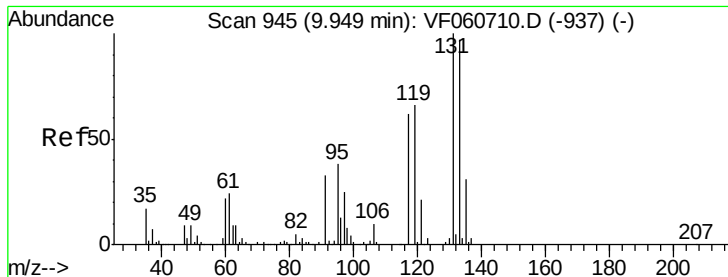


Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#66

1,1,1,2-Tetrachloroethane

Concen: 16.700 ug/l

RT: 9.94 min Scan# 944

Delta R.T. -0.01 min

Lab File: VF060715.D

Acq: 13 Nov 2018 16:44

Instrument :

MSVOA_F

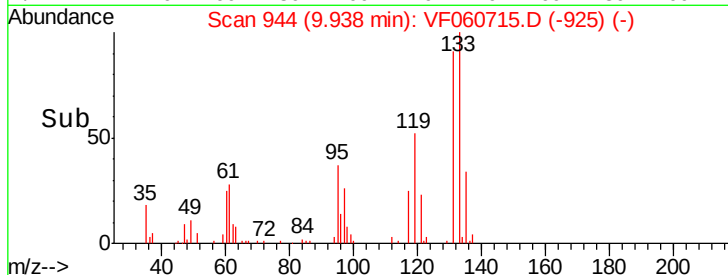
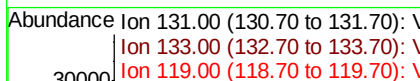
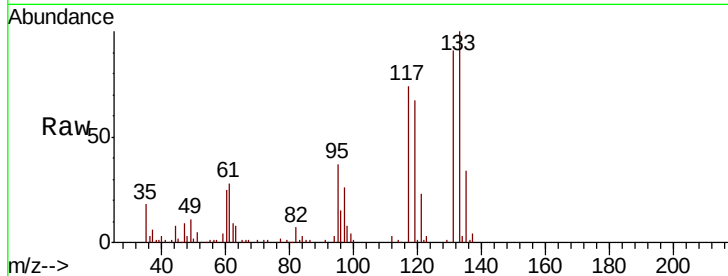
ClientSampleId :

PT-VOA-SOILDL

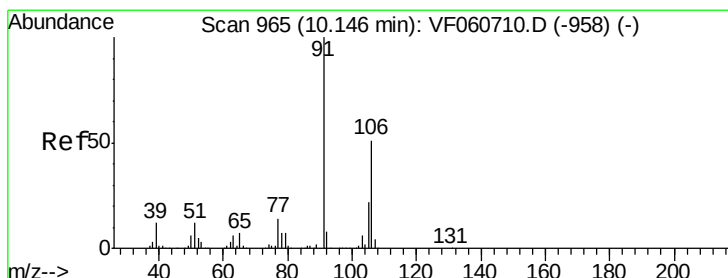
Tot Ion:	131	Resp:	52183
Ion Ratio	Lower	Upper	
131	100		
133	110.3	48.3	144.8
119	73.8	33.2	99.6

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Time-->



#68

m/p-Xylenes

Concen: 38.180 ug/l

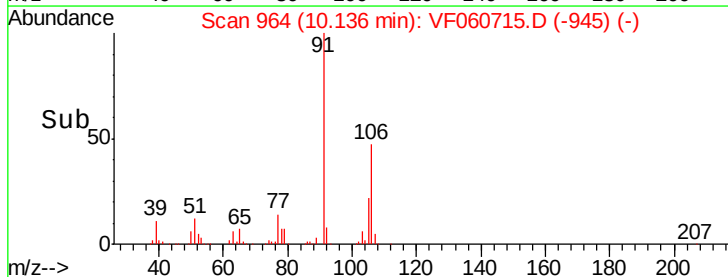
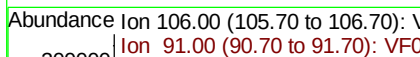
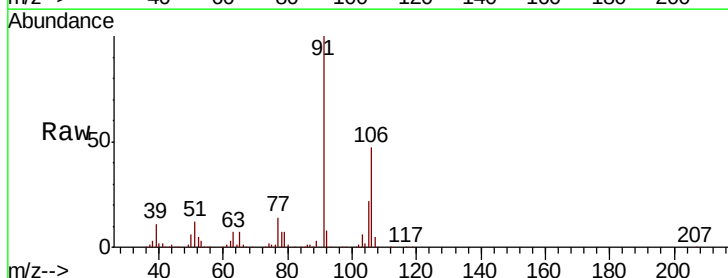
RT: 10.14 min Scan# 964

Delta R.T. -0.01 min

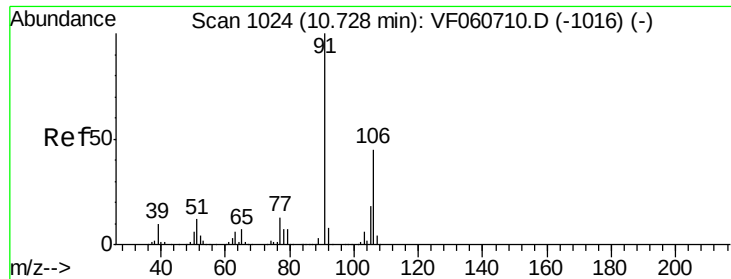
Lab File: VF060715.D

Acq: 13 Nov 2018 16:44

Tgt Ion:	106	Resp:	184255
Ion Ratio	Lower	Upper	
106	100		
91	212.8	158.2	237.2



Time-->



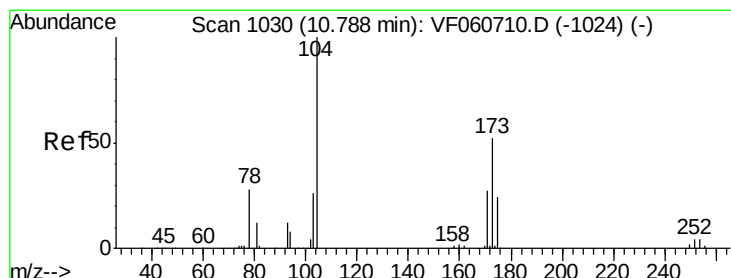
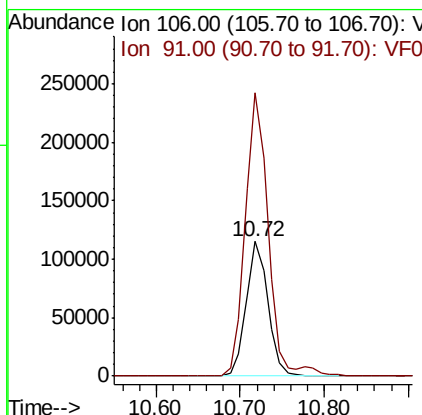
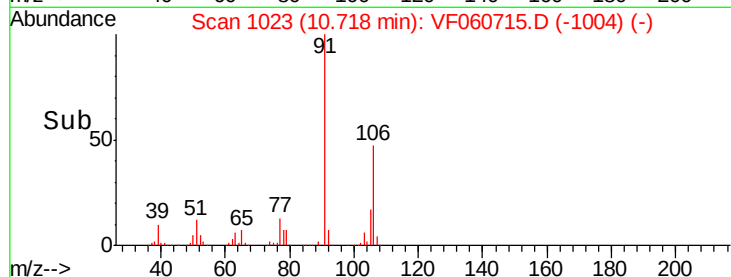
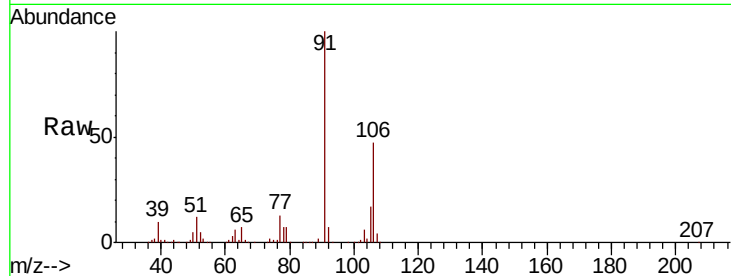
#69
o-Xylene
Concen: 38.693 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
PT-VOA-SOILDL

Tot Ion:106 Resp: 209935
Ion Ratio Lower Upper
106 100
91 210.6 110.3 330.9

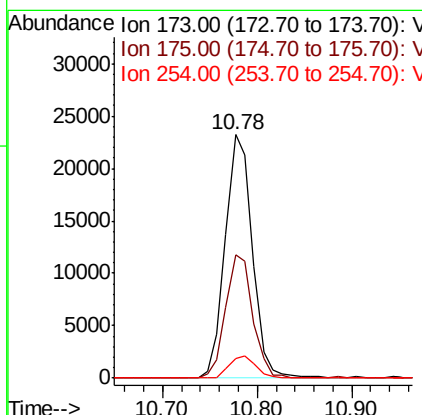
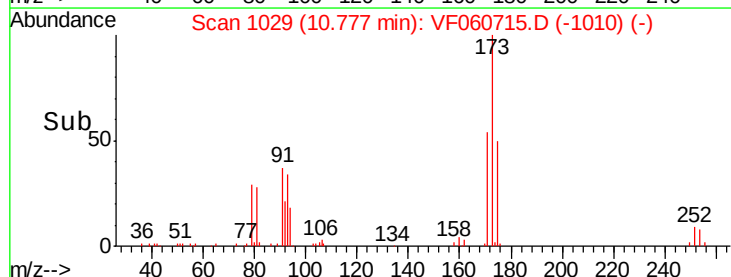
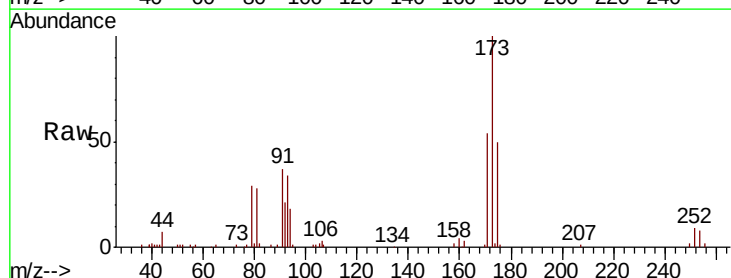
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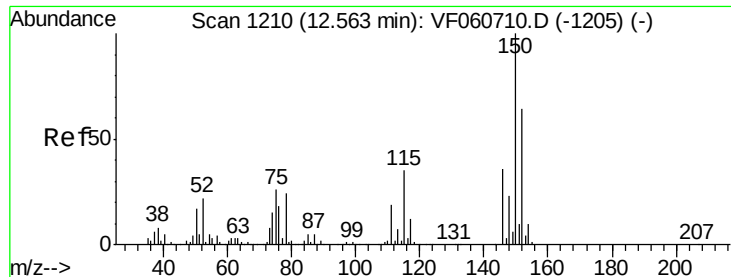
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#71
Bromoform
Concen: 32.973 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Tgt Ion:173 Resp: 46331
Ion Ratio Lower Upper
173 100
175 50.7 23.4 70.0
254 7.9 5.8 8.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. -0.00 min

Lab File: VF060715.D

Acq: 13 Nov 2018 16:44

Instrument :

MSVOA_F

ClientSampleId :

PT-VOA-SOILD

Tot Ion: 152 Resp: 202508

Ion Ratio Lower Upper

152 100

115 55.3 27.9 83.7

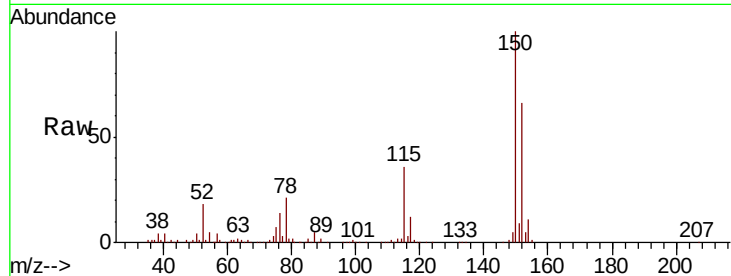
150 151.5 0.0 316.4

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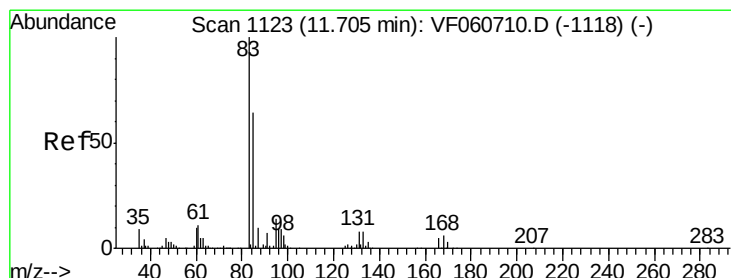
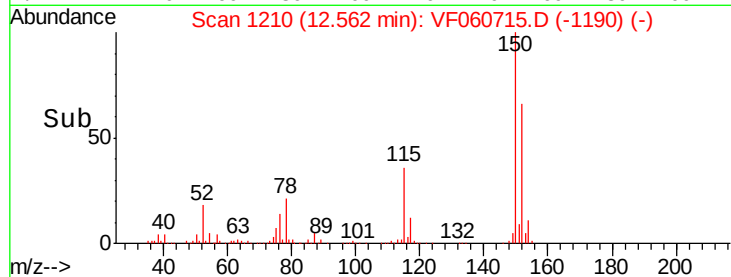
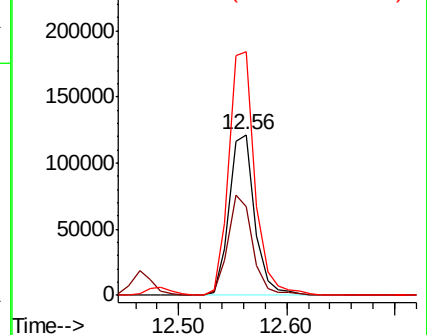
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Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 6.854 ug/l

RT: 11.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VF060715.D

Acq: 13 Nov 2018 16:44

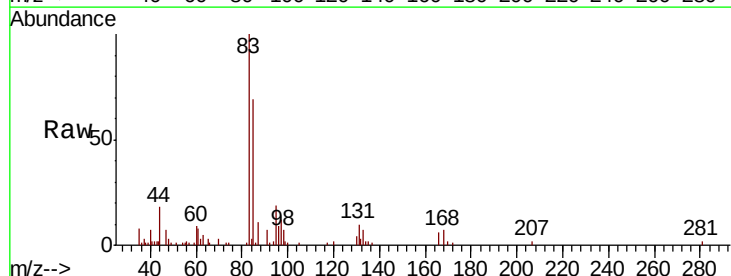
Tgt Ion: 83 Resp: 18470

Ion Ratio Lower Upper

83 100

131 9.5 4.2 12.4

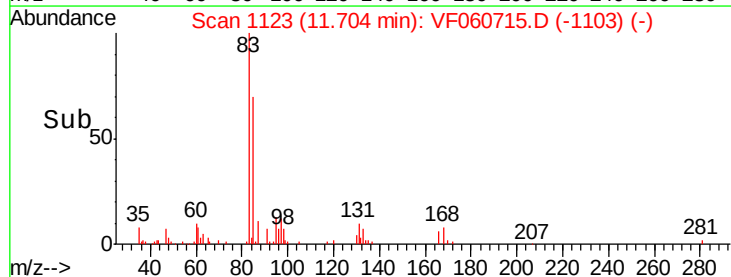
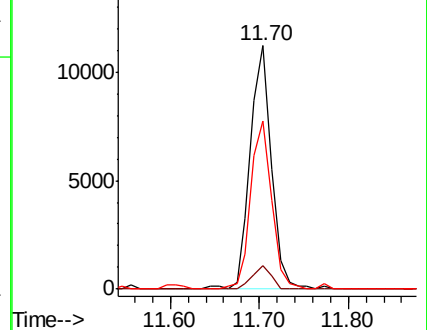
85 68.9 32.0 96.2

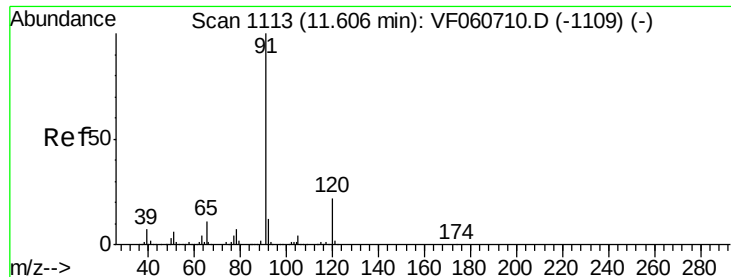


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0





#78

n-propylbenzene

Concen: 18.887 ug/l

RT: 11.61 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF060715.D

Acq: 13 Nov 2018 16:44

Instrument :

MSVOA_F

ClientSampleId :

PT-VOA-SOILDL

Tot Ion: 91 Resp: 359062

Ion Ratio Lower Upper

91 100

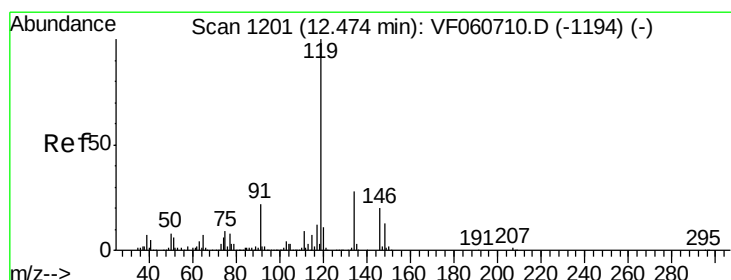
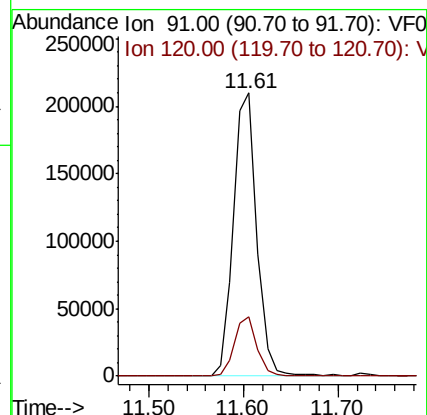
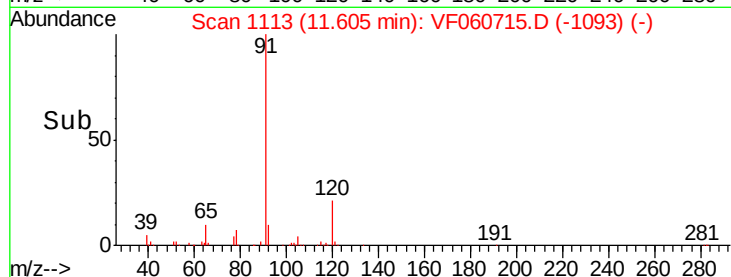
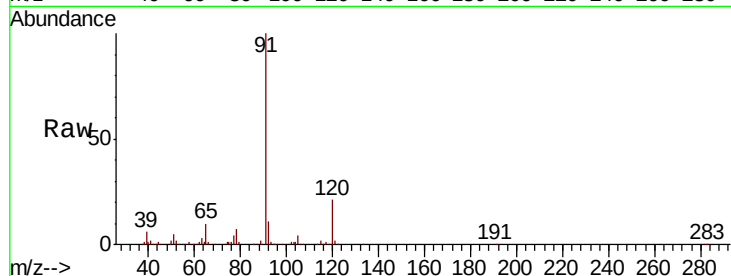
120 21.0 11.2 33.5

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#86

p-Isopropyltoluene

Concen: 24.602 ug/l

RT: 12.46 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VF060715.D

Acq: 13 Nov 2018 16:44

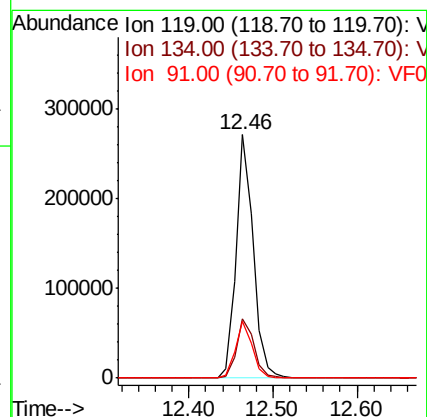
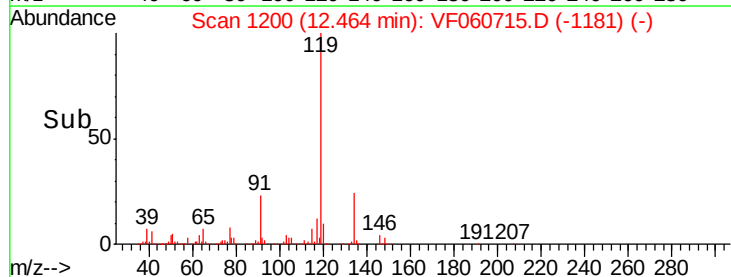
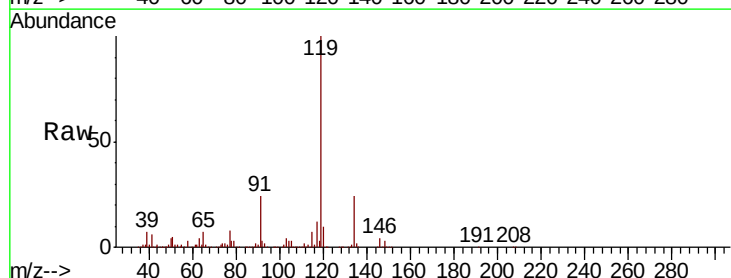
Tgt Ion: 119 Resp: 382983

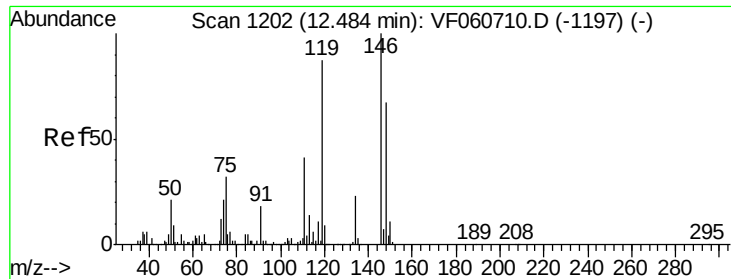
Ion Ratio Lower Upper

119 100

134 24.2 13.9 41.7

91 23.6 11.3 33.9





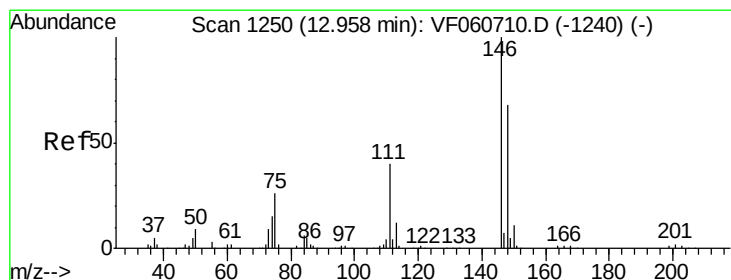
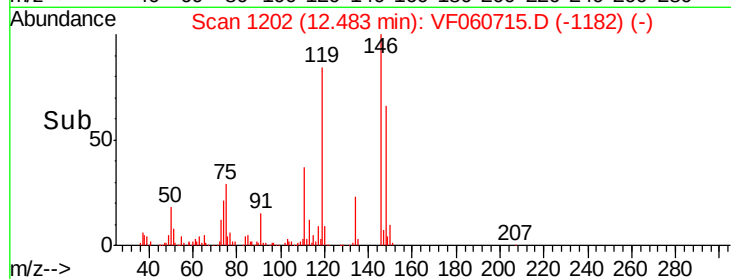
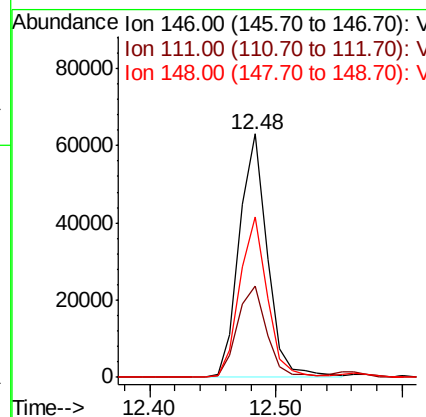
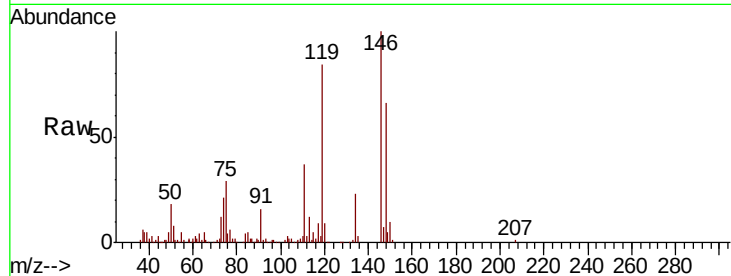
#87
 1,3-Dichlorobenzene
 Concen: 14.328 ug/l
 RT: 12.48 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VF060715.D
 Acq: 13 Nov 2018 16:44

Instrument :
 MSVOA_F
 ClientSampleId :
 PT-VOA-SOILDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	20.3	60.8
148	66.0	33.3	99.9

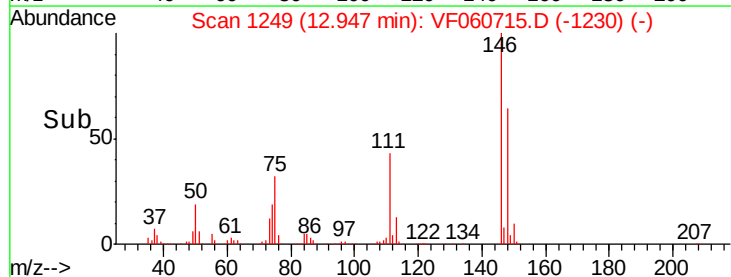
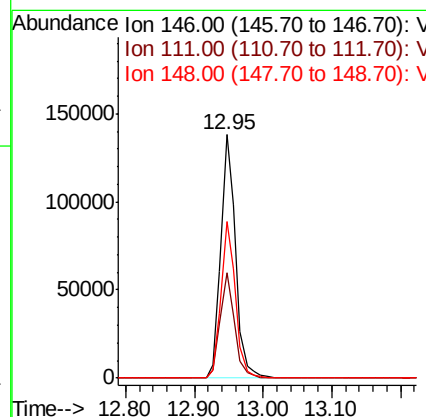
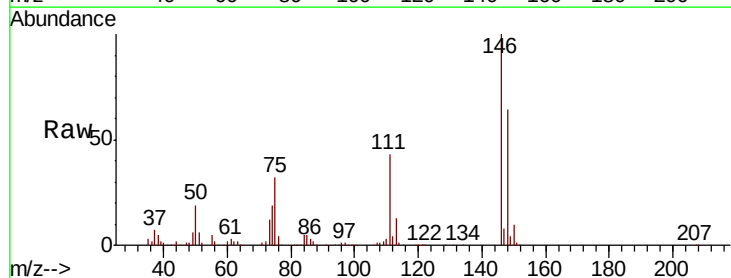
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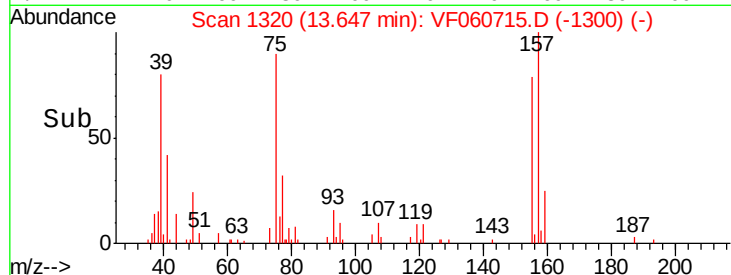
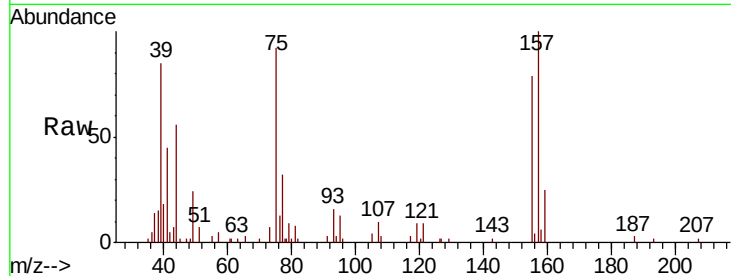
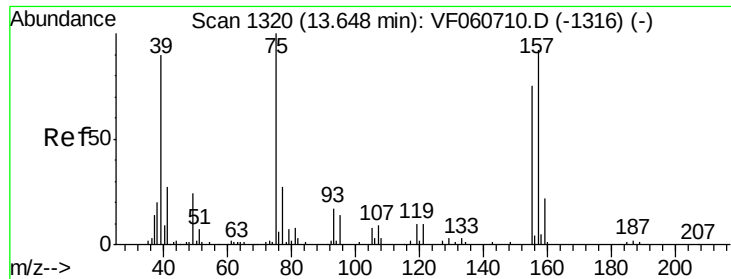
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#91
 1,2-Dichlorobenzene
 Concen: 32.343 ug/l
 RT: 12.95 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VF060715.D
 Acq: 13 Nov 2018 16:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.3	60.8
148	64.4	34.1	102.3





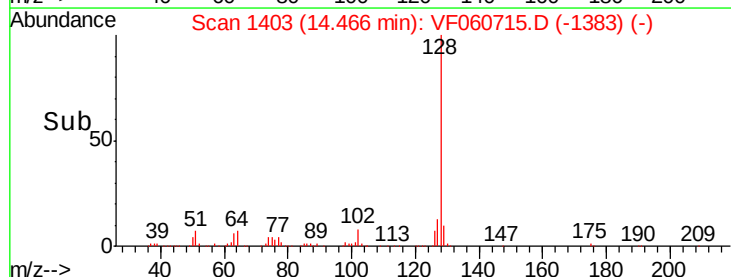
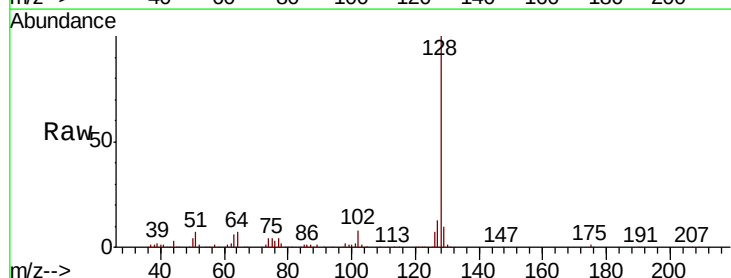
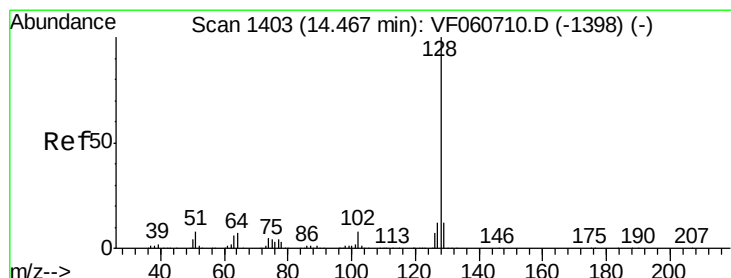
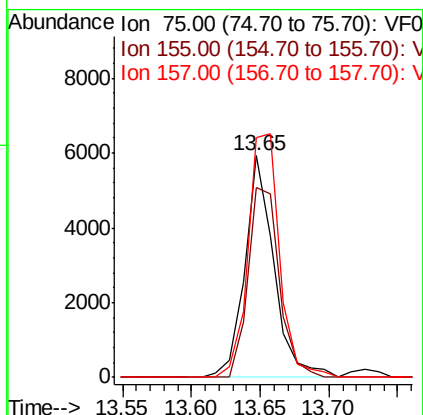
#92
1,2-Dibromo-3-Chloropropane
Concen: 17.358 ug/l
RT: 13.65 min Scan# 1320
Delta R.T. -0.00 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
PT-VOA-SOILDL

Tot Ion	Ratio	Lower	Upper
75	100		
155	86.1	37.4	112.2
157	108.6	46.0	138.0

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#95
Naphthalene
Concen: 23.713 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. -0.00 min
Lab File: VF060715.D
Acq: 13 Nov 2018 16:44

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.8	14.6
129	10.3	9.3	13.9

