

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102518\
 Data File : VF060508.D
 Acq On : 25 Oct 2018 15:33
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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apatel
 10/26/2018 10:27:51 AM

Quant Time: Oct 26 00:48:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 00:30:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	158182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	232136	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	227176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	154124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	157858	65.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.60%	
35) Dibromofluoromethane	4.29	113	136487	63.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.74%	
50) Toluene-d8	7.71	98	276252	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
62) 4-Bromofluorobenzene	11.51	95	153894	68.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.58%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	0.99	85	189252	60.887	ug/l	100
3) Chloromethane	1.14	50	88868	46.214	ug/l	100
4) Vinyl Chloride	1.18	62	107579	51.576	ug/l	100
5) Bromomethane	1.35	94	110056	67.092	ug/l	100
6) Chloroethane	1.43	64	67641	61.346	ug/l	100
7) Trichlorofluoromethane	1.55	101	367906	78.692	ug/l	100
8) Diethyl Ether	1.70	74	32987	49.310	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	1.89	101	145398	62.170	ug/l	100
10) Methyl Iodide	1.97	142	208452m	56.218	ug/l	
11) Tert butyl alcohol	2.68	59	34288	272.779	ug/l	100
12) 1,1-Dichloroethene	1.85	96	106162	54.343	ug/l	100
13) Acrolein	2.09	56	33387	428.655	ug/l	100
14) Allyl chloride	2.19	41	170754	59.298	ug/l	100
15) Acrylonitrile	3.07	53	54915	207.517	ug/l	100
16) Acetone	2.34	43	156968	298.611	ug/l	100
17) Carbon Disulfide	1.87	76	272254m	50.114	ug/l	
18) Methyl Acetate	2.45	43	49786	49.972	ug/l	100
19) Methyl tert-butyl Ether	2.53	73	278540	63.340	ug/l	100
20) Methylene Chloride	2.28	84	96009m	52.614	ug/l	
21) trans-1,2-Dichloroethene	2.41	96	97915	53.700	ug/l	100
22) Diisopropyl ether	2.93	45	312669	52.822	ug/l	100
23) Vinyl Acetate	3.33	43	488383	235.692	ug/l	100
24) 1,1-Dichloroethane	3.00	63	236343	59.497	ug/l	100
25) 2-Butanone	4.50	43	125195	218.793	ug/l	100
26) 2,2-Dichloropropane	3.75	77	158012	76.290	ug/l	100
27) cis-1,2-Dichloroethene	3.63	96	102065	47.954	ug/l	100
28) Bromochloromethane	3.88	49	66987	48.550	ug/l	100
29) Tetrahydrofuran	4.27	42	47510	196.964	ug/l	100
30) Chloroform	4.03	83	270796	58.908	ug/l	100
31) Cyclohexane	3.87	56	108389	42.652	ug/l	100
32) 1,1,1-Trichloroethane	4.27	97	254732	70.340	ug/l	100
36) 1,1-Dichloropropene	4.45	75	160269	59.356	ug/l	100
37) Ethyl Acetate	4.29	43	50955	53.425	ug/l	100
38) Carbon Tetrachloride	4.17	117	256876m	94.708	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	131117	51.574	ug/l	100
40) Benzene	4.81	78	262588	47.365	ug/l	100
41) Methacrylonitrile	4.93	41	27673	51.066	ug/l	100
42) 1,2-Dichloroethane	5.12	62	183231	72.853	ug/l	100
43) Isopropyl Acetate	7.11	43	56248	47.318	ug/l	100
44) Trichloroethene	5.68	130	92056	53.303	ug/l	100
45) 1,2-Dichloropropane	6.40	63	68319	50.341	ug/l	100
46) Dibromomethane	6.25	93	65198	59.891	ug/l	100
47) Bromodichloromethane	6.54	83	187641	68.249	ug/l	100
48) Methyl methacrylate	6.87	41	45325	56.288	ug/l	100
49) 1,4-Dioxane	6.87	88	6521	941.989	ug/l	100
51) 4-Methyl-2-Pentanone	8.41	43	231165	278.772	ug/l	100
52) Toluene	7.78	92	173661	49.738	ug/l	100
53) t-1,3-Dichloropropene	8.43	75	139143	65.163	ug/l	100
54) cis-1,3-Dichloropropene	7.45	75	145243	58.402	ug/l	100
55) 1,1,2-Trichloroethane	8.63	97	61251	57.080	ug/l	100
56) Ethyl methacrylate	8.76	69	61820	49.792	ug/l	100
57) 1,3-Dichloropropane	9.00	76	100561	54.424	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.78	63	44552	353.124	ug/l	100
59) 2-Hexanone	9.63	43	161498	269.248	ug/l	100
60) Dibromochloromethane	8.86	129	114101	67.740	ug/l	100
61) 1,2-Dibromoethane	9.14	107	71757	59.184	ug/l	100
64) Tetrachloroethene	8.30	164	87170	48.412	ug/l	100
65) Chlorobenzene	9.94	112	225347	51.077	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.07	131	123110	61.948	ug/l	100
67) Ethyl Benzene	10.03	91	469612	56.418	ug/l	100
68) m/p-Xylenes	10.27	106	298475	105.043	ug/l	100
69) o-Xylene	10.82	106	162152	52.475	ug/l	100
70) Styrene	10.90	104	222426	50.006	ug/l	100
71) Bromoform	10.89	173	62193	61.728	ug/l	100
73) Isopropylbenzene	11.23	105	574904	50.182	ug/l	100
74) N-amyl acetate	11.46	43	100121	40.151	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.79	83	86697	45.023	ug/l	100
76) 1,2,3-Trichloropropane	11.89	75	72519	48.716	ug/l	100
77) Bromobenzene	11.59	156	119414	46.903	ug/l	100
78) n-propylbenzene	11.69	91	680677	49.886	ug/l	100
79) 2-Chlorotoluene	11.81	91	415379	52.001	ug/l	100
80) 1,3,5-Trimethylbenzene	11.91	105	505749	52.622	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.96	75	33708m	51.936	ug/l	
82) 4-Chlorotoluene	11.99	91	417310	50.636	ug/l	100
83) tert-Butylbenzene	12.21	119	530734	54.931	ug/l	100
84) 1,2,4-Trimethylbenzene	12.28	105	502739	51.521	ug/l	100
85) sec-Butylbenzene	12.39	105	680339	51.919	ug/l	100
86) p-Isopropyltoluene	12.54	119	582350	54.135	ug/l	100
87) 1,3-Dichlorobenzene	12.56	146	234891	48.437	ug/l	100
88) 1,4-Dichlorobenzene	12.65	146	238220	50.653	ug/l	100
89) n-Butylbenzene	12.91	91	609664	54.161	ug/l	100
90) Hexachloroethane	12.99	117	156229	60.735	ug/l	100
91) 1,2-Dichlorobenzene	13.02	146	233108	49.934	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.71	75	23343	57.114	ug/l	100

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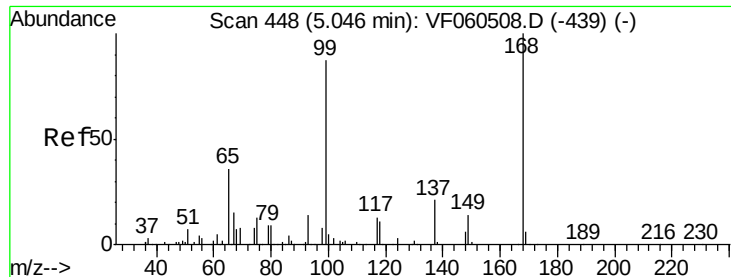
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	191234	53.045	ug/l	100
94) Hexachlorobutadiene	14.25	225	150143	61.258	ug/l	100
95) Naphthalene	14.52	128	320209	51.669	ug/l	100
96) 1,2,3-Trichlorobenzene	14.67	180	185562	55.248	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 158182

Ion Ratio Lower Upper

168 100

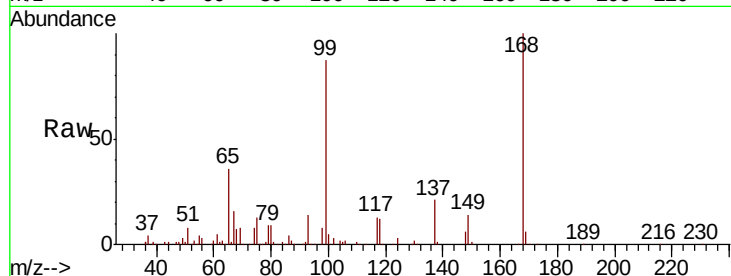
99 87.4 69.9 104.9

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

50000

40000

30000

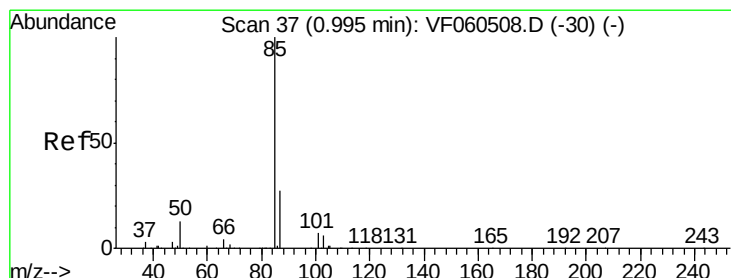
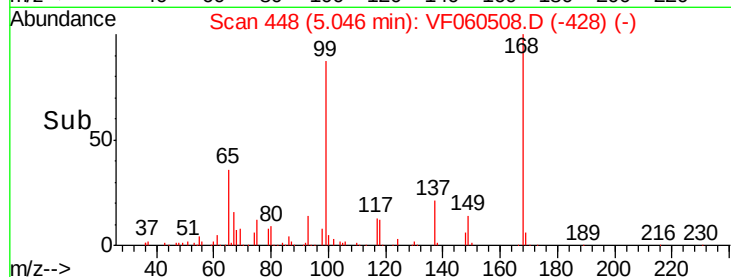
20000

10000

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Time-->

4.90 5.00 5.10 5.20



#2

Dichlorodifluoromethane

Concen: 60.887 ug/l

RT: 0.99 min Scan# 37

Delta R.T. 0.00 min

Lab File: VF060508.D

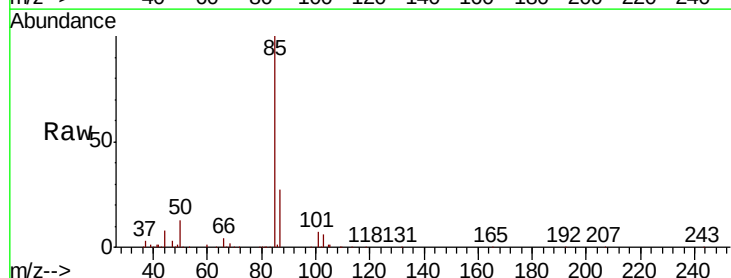
Acq: 25 Oct 2018 15:33

Tgt Ion: 85 Resp: 189252

Ion Ratio Lower Upper

85 100

87 26.9 13.5 40.4



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.99

60000

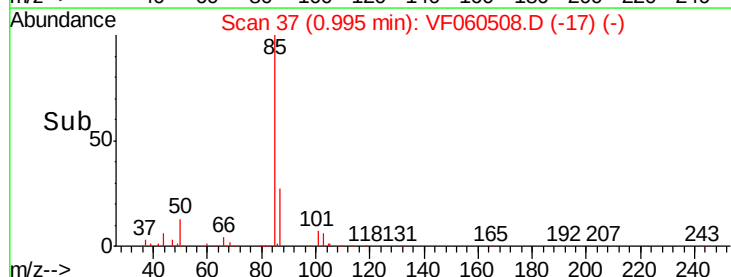
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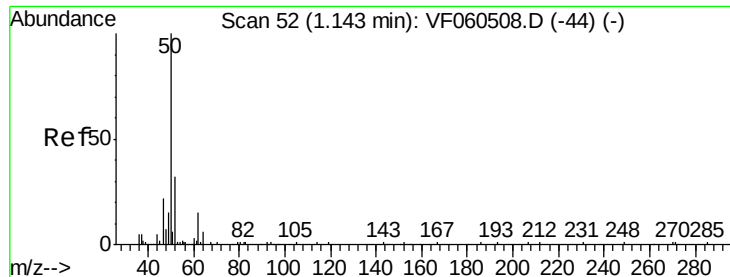
20000

0

Time-->

0.90 1.00 1.10 1.20





#3

Chloromethane

Concen: 46.214 ug/l

RT: 1.14 min Scan# 52

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 88868

Ion Ratio Lower Upper

50 100

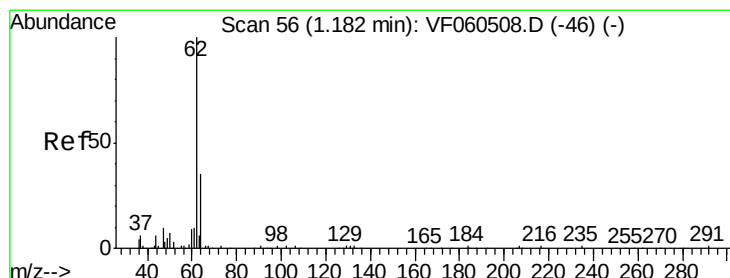
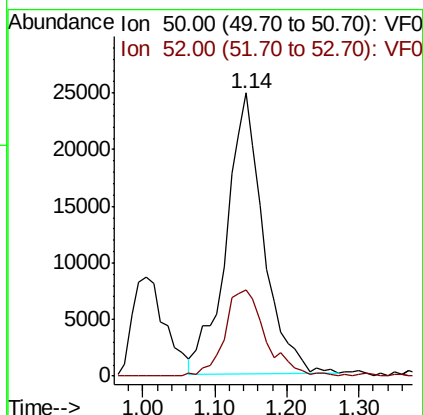
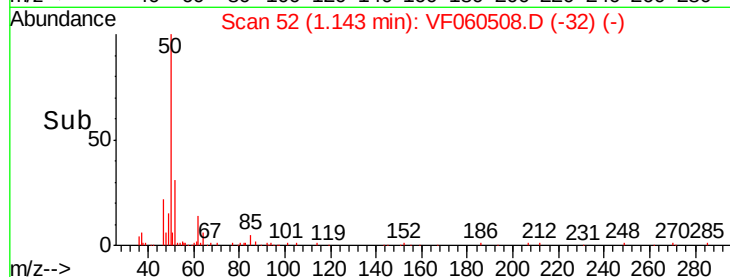
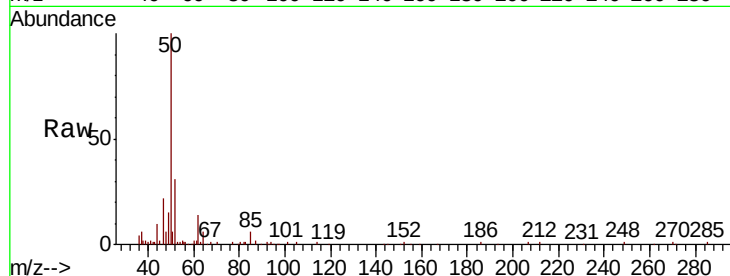
52 30.6 24.5 36.7

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#4

Vinyl Chloride

Concen: 51.576 ug/l

RT: 1.18 min Scan# 56

Delta R.T. 0.00 min

Lab File: VF060508.D

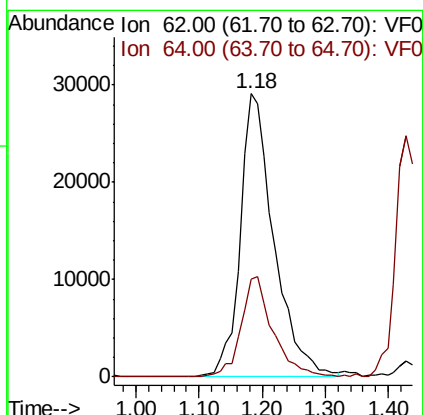
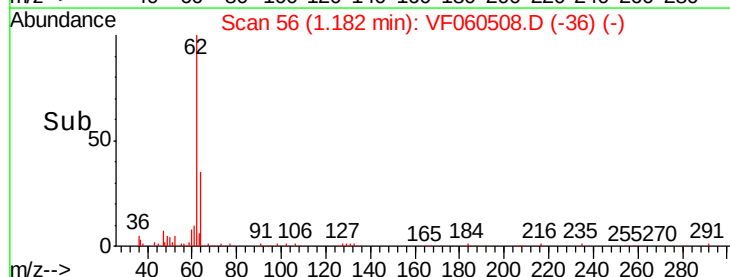
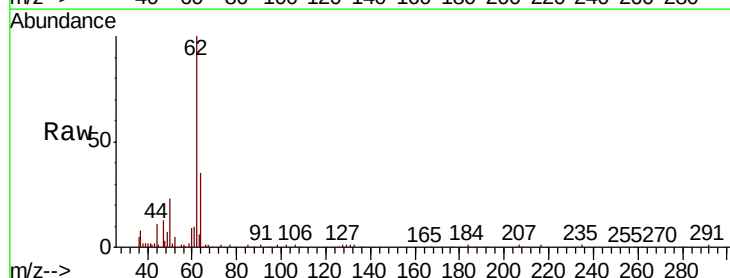
Acq: 25 Oct 2018 15:33

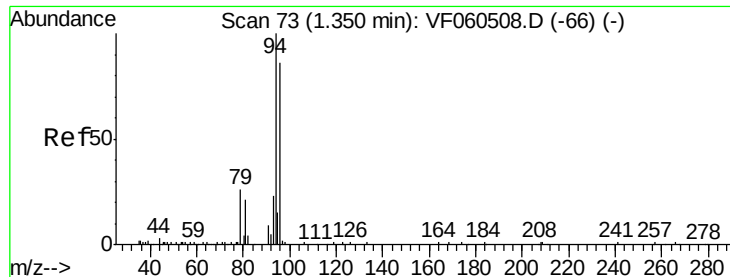
Tgt Ion: 62 Resp: 107579

Ion Ratio Lower Upper

62 100

64 34.8 27.8 41.8





#5

Bromomethane

Concen: 67.092 ug/l

RT: 1.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

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ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 110056

Ion Ratio Lower Upper

94 100

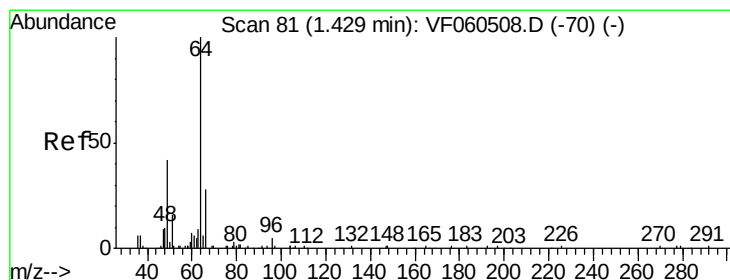
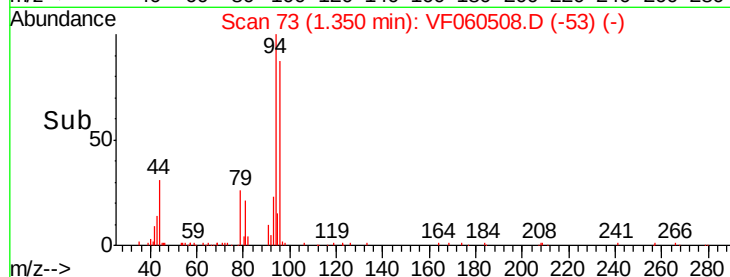
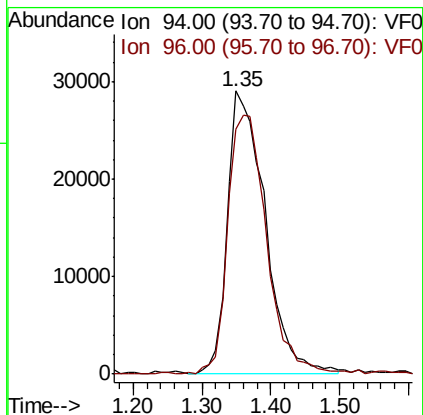
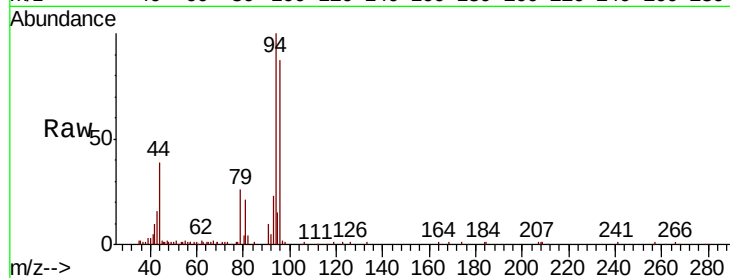
96 88.2 70.6 105.8

Manual Integrations

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#6

Chloroethane

Concen: 61.346 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.00 min

Lab File: VF060508.D

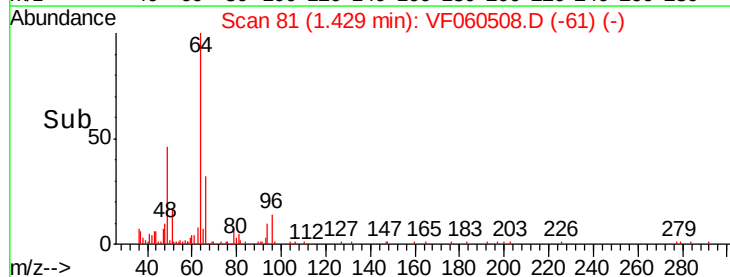
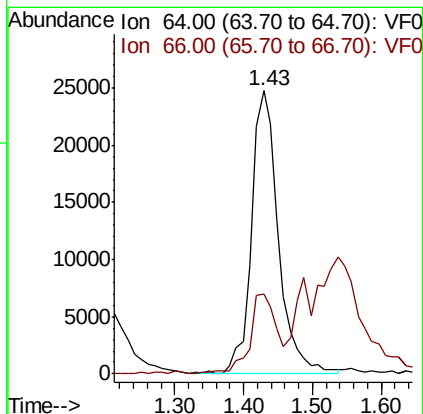
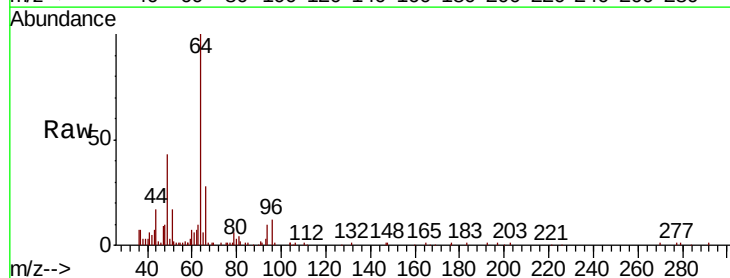
Acq: 25 Oct 2018 15:33

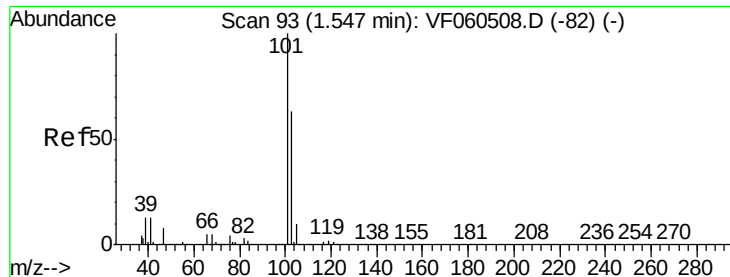
Tgt Ion: 64 Resp: 67641

Ion Ratio Lower Upper

64 100

66 28.0 22.4 33.6





#7

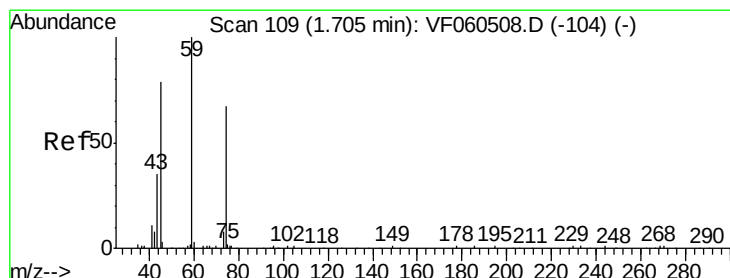
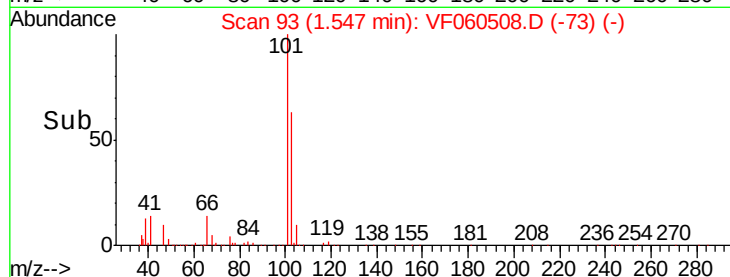
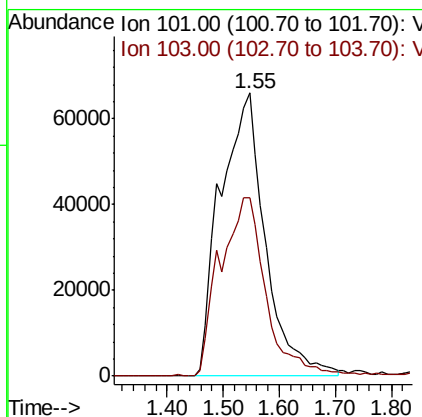
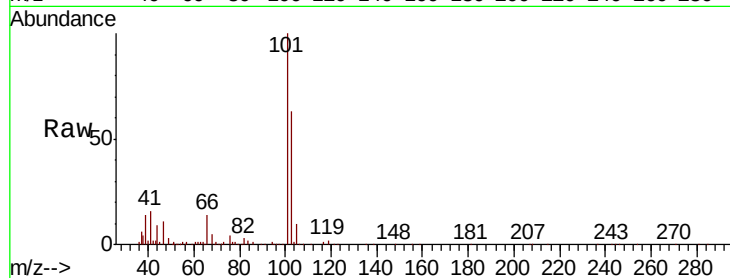
Trichlorofluoromethane
 Concen: 78.692 ug/l
 RT: 1.55 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: VF060508.D
 Acq: 25 Oct 2018 15:33

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	50.4	75.6

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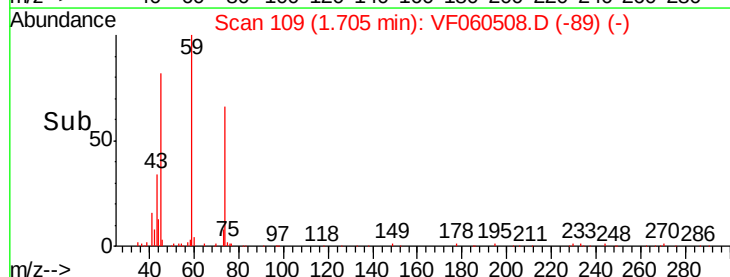
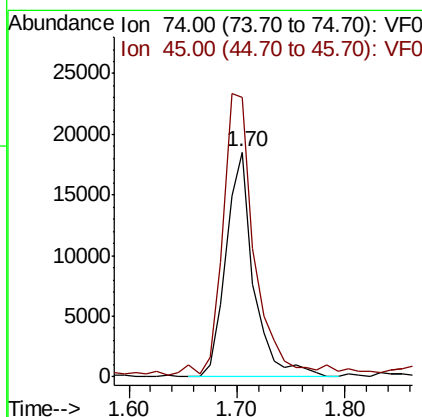
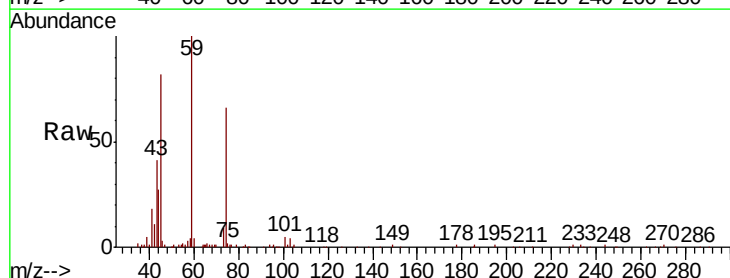
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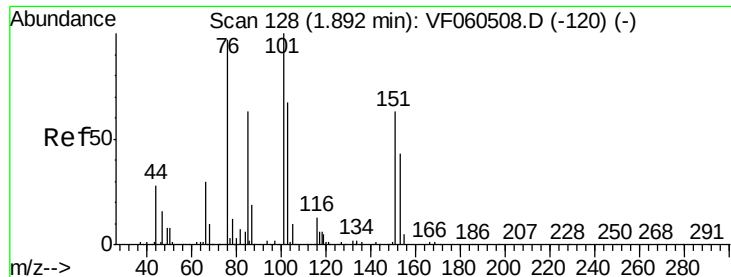


#8

Diethyl Ether
 Concen: 49.310 ug/l
 RT: 1.70 min Scan# 109
 Delta R.T. 0.00 min
 Lab File: VF060508.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	124.2	62.1	186.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 62.170 ug/l

RT: 1.89 min Scan# 128

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

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MSVOA_F

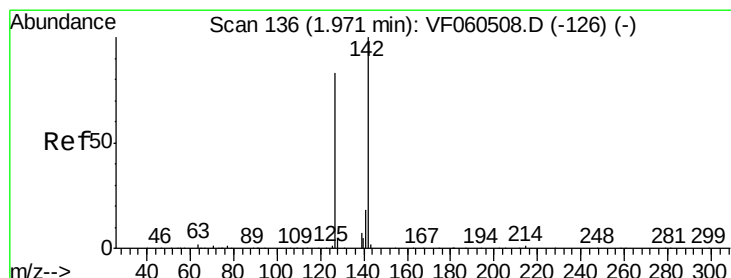
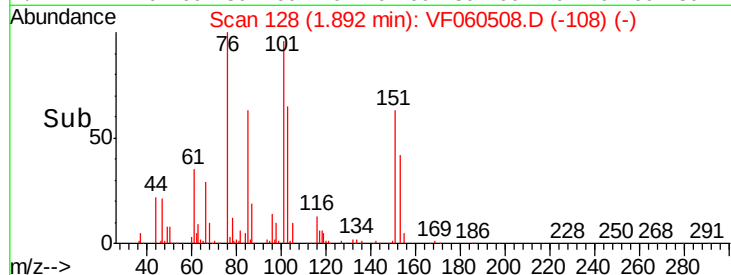
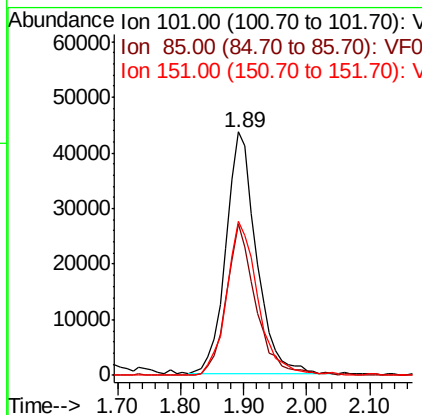
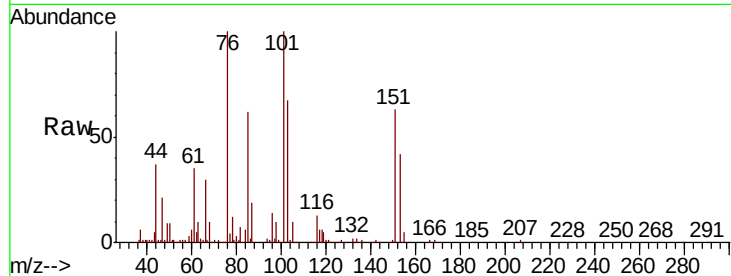
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	145398
Ion Ratio	Lower	Upper	
101	100		
85	62.4	49.9	74.9
151	63.3	50.6	76.0

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#10

Methyl Iodide

Concen: 56.218 ug/l m

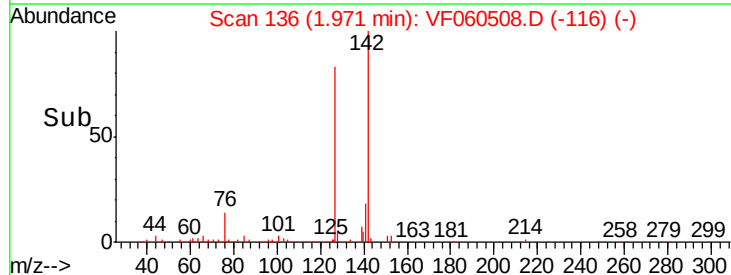
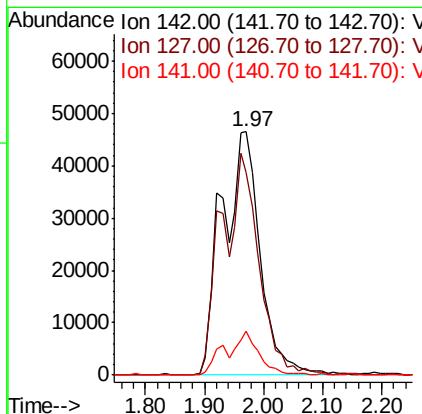
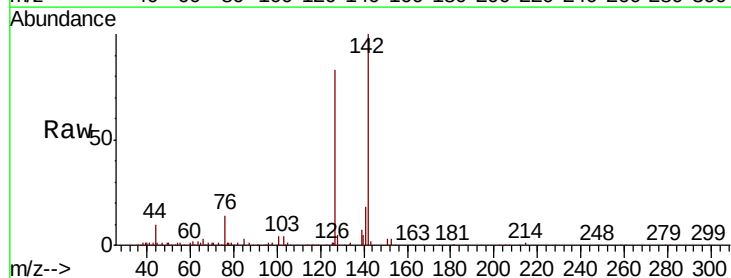
RT: 1.97 min Scan# 136

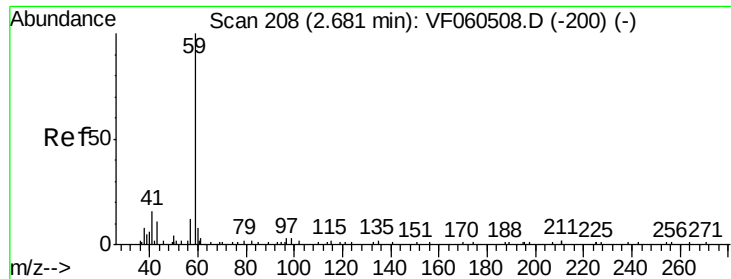
Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Tgt Ion:	142	Resp:	208452
Ion Ratio	Lower	Upper	
142	100		
127	83.1	66.5	99.7
141	17.8	14.2	21.4





#11

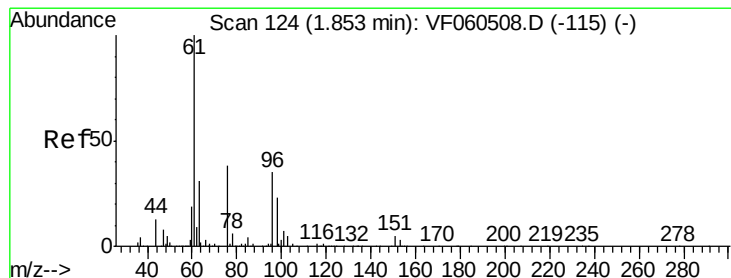
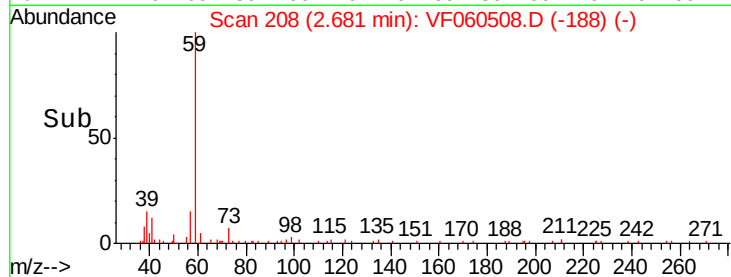
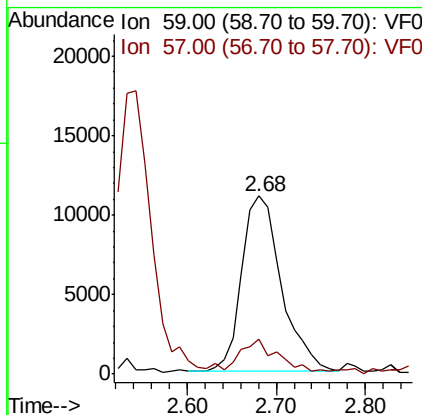
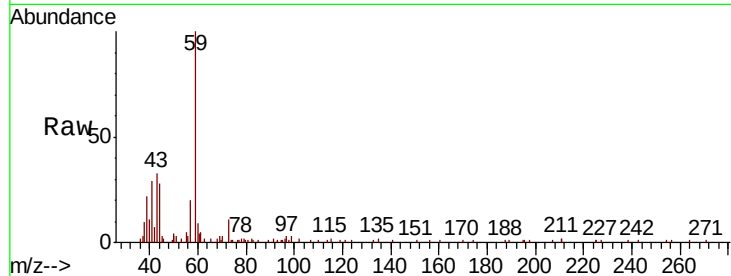
Tert butyl alcohol
Concen: 272.779 ug/l
RT: 2.68 min Scan# 208
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion	59.00 (58.70 to 59.70): VF0	Resp	34288
Ion Ratio	Lower	Upper	
59	100		
57	19.8	15.8	23.8

Manual Integrations
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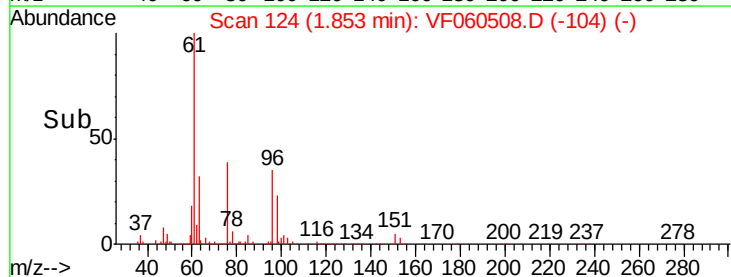
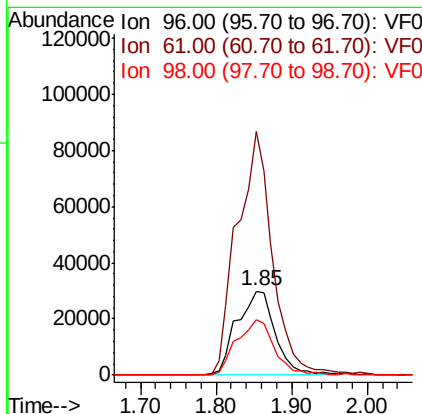
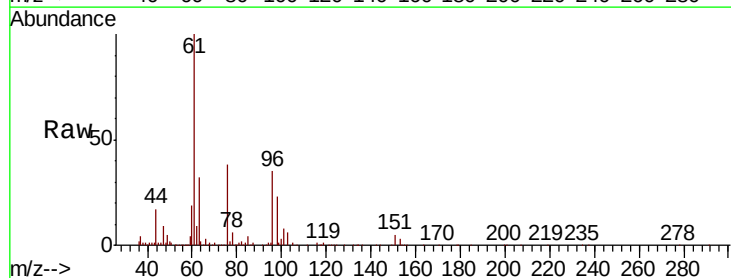
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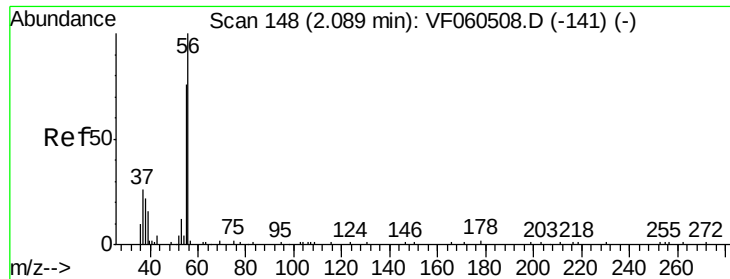


#12

1,1-Dichloroethene
Concen: 54.343 ug/l
RT: 1.85 min Scan# 124
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	96.00 (95.70 to 96.70): VF0	Resp	106162
Ion Ratio	Lower	Upper	
96	100		
61	289.2	231.4	347.0
98	66.6	53.3	79.9





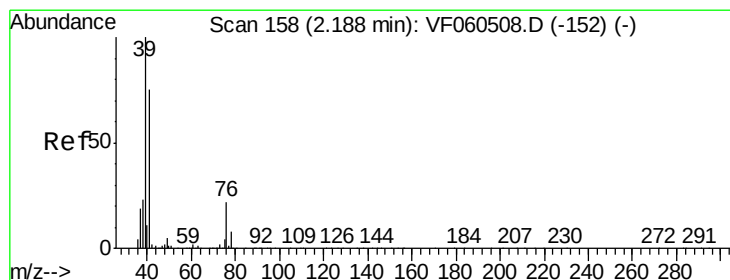
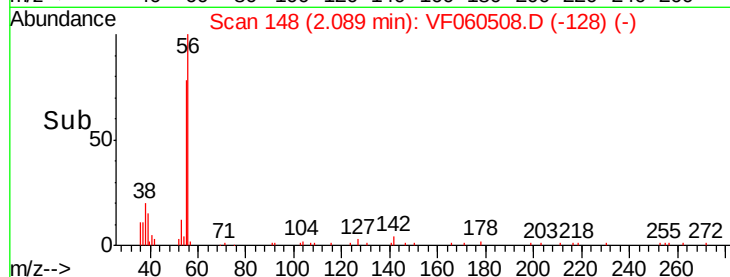
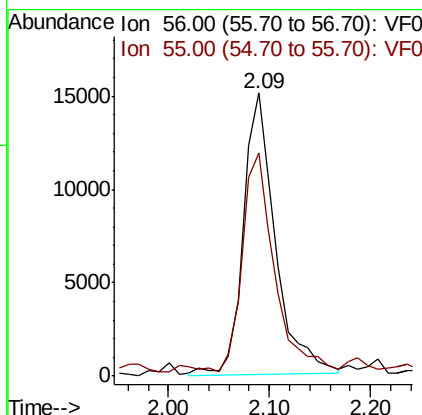
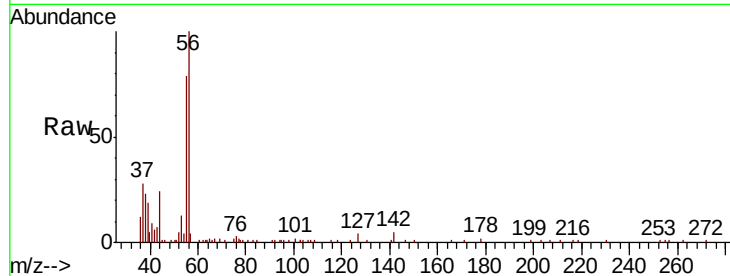
#13
Acrolein
Concen: 428.655 ug/l
RT: 2.09 min Scan# 148
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	78.7	63.0	94.4

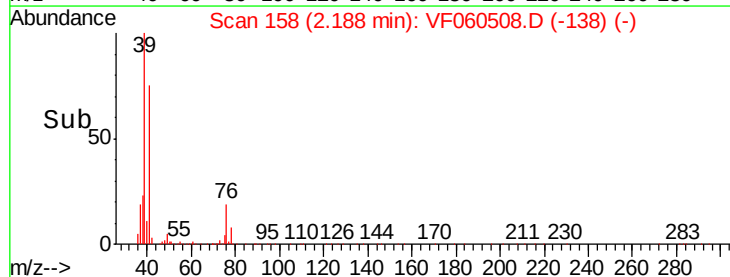
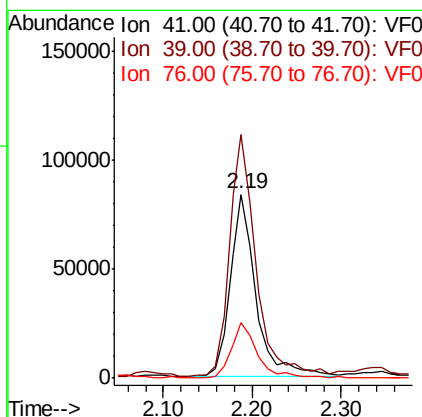
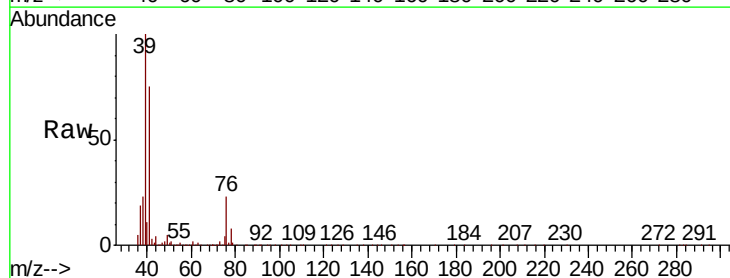
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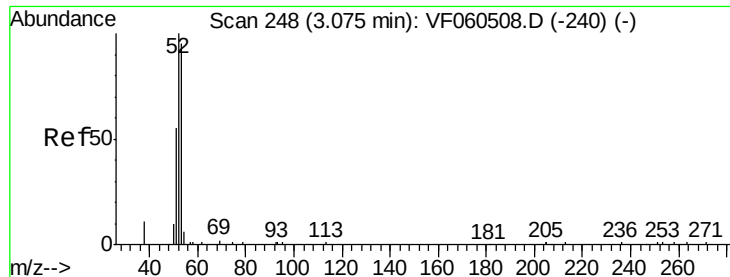
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#14
Allyl chloride
Concen: 59.298 ug/l
RT: 2.19 min Scan# 158
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
41	100		
39	132.5	106.0	159.0
76	30.1	24.1	36.1





#15

Acrylonitrile

Concen: 207.517 ug/l

RT: 3.07 min Scan# 248

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

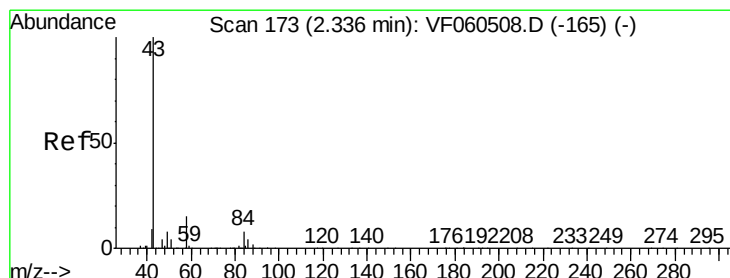
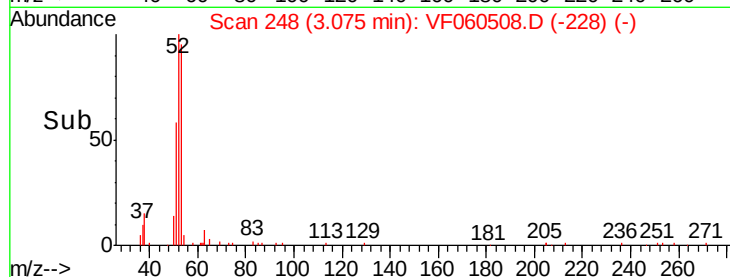
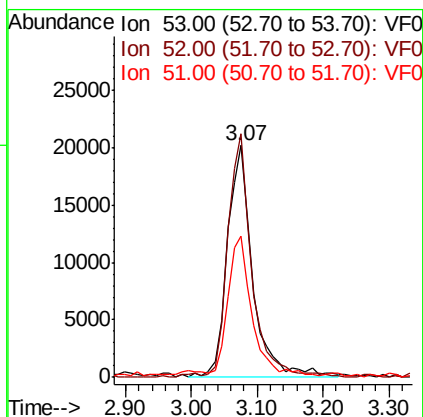
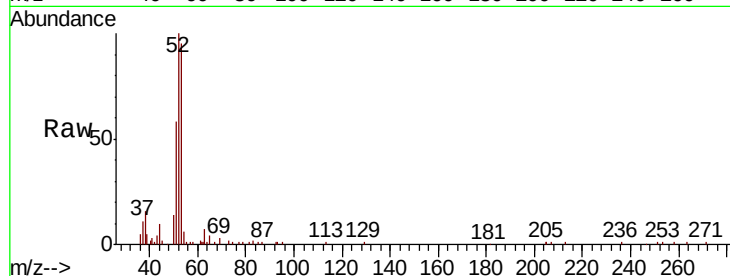
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	54915
Ion	Ratio	Lower	Upper
53	100		
52	105.0	84.0	126.0
51	60.8	48.6	73.0

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#16

Acetone

Concen: 298.611 ug/l

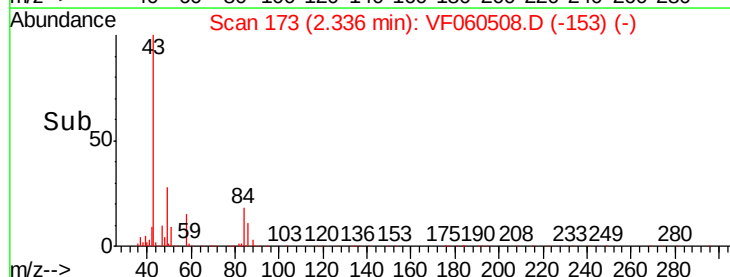
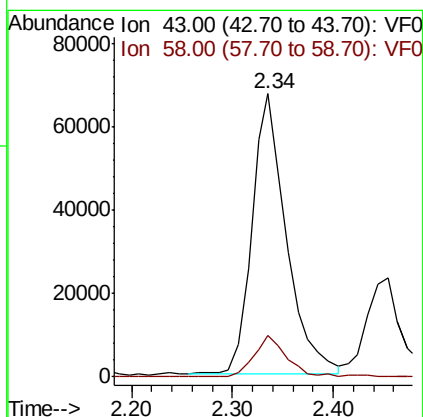
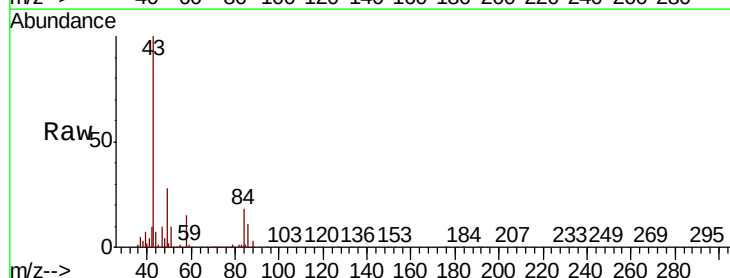
RT: 2.34 min Scan# 173

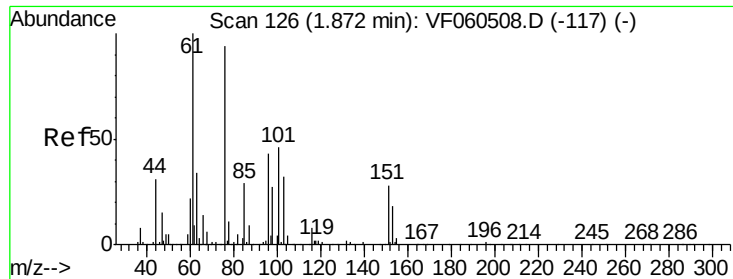
Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Tgt Ion:	43	Resp:	156968
Ion	Ratio	Lower	Upper
43	100		
58	14.6	11.7	17.5





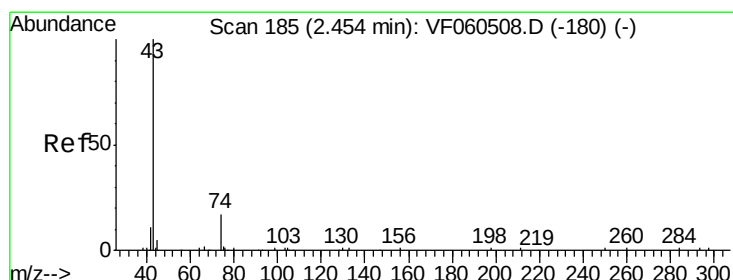
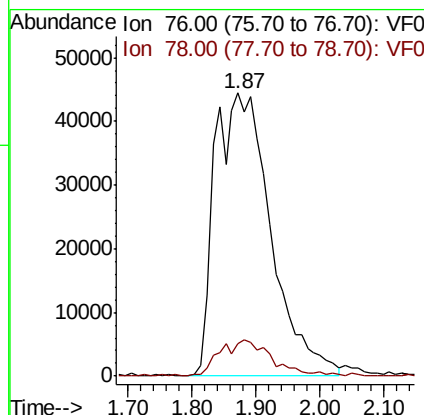
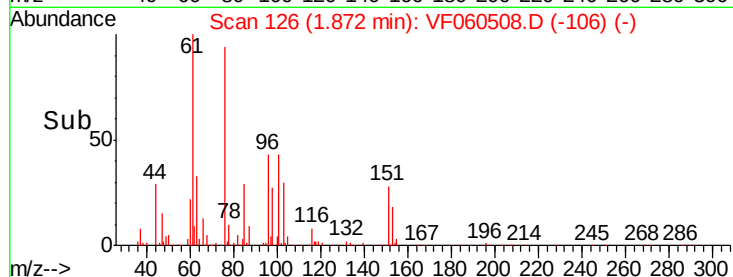
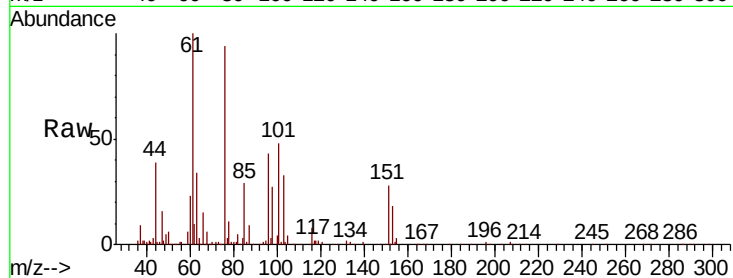
#17
Carbon Disulfide
Concen: 50.114 ug/l m
RT: 1.87 min Scan# 126
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion: 76 Resp: 272254
Ion Ratio Lower Upper
76 100
78 11.5 9.2 13.8

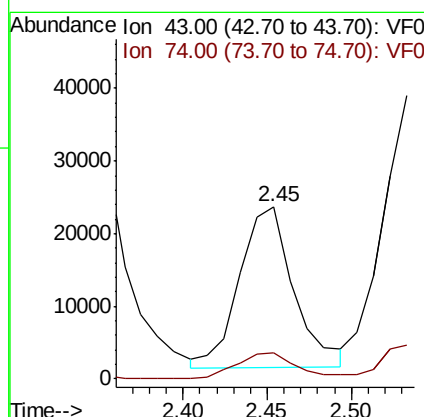
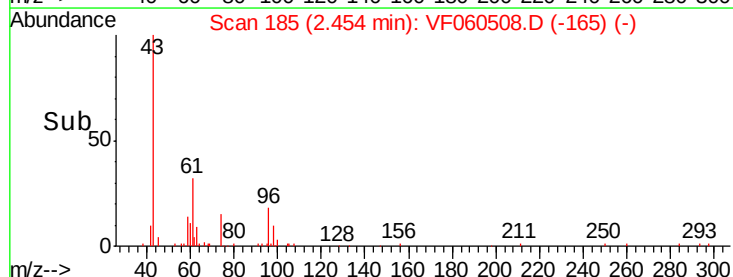
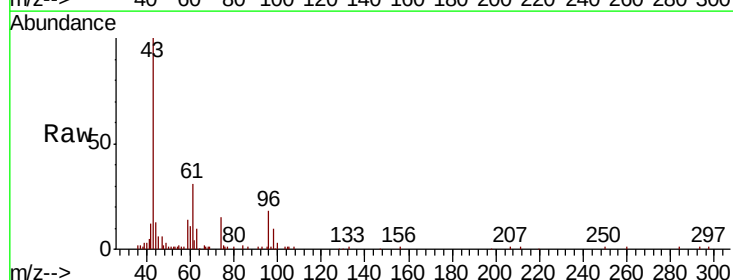
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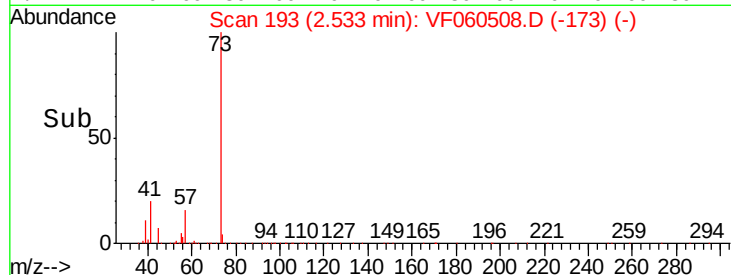
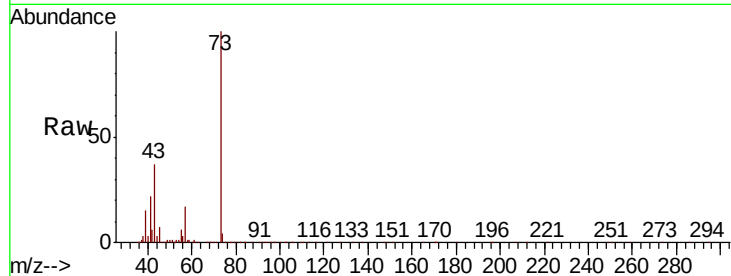
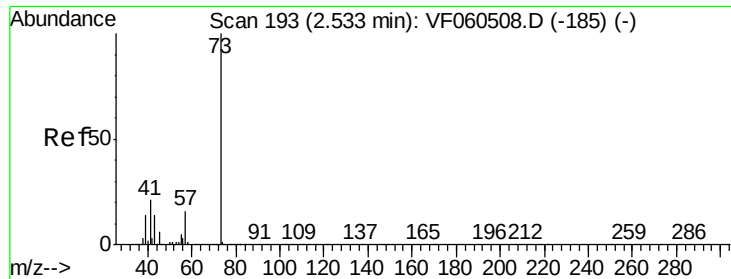
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#18
Methyl Acetate
Concen: 49.972 ug/l
RT: 2.45 min Scan# 185
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion: 43 Resp: 49786
Ion Ratio Lower Upper
43 100
74 15.1 12.1 18.1





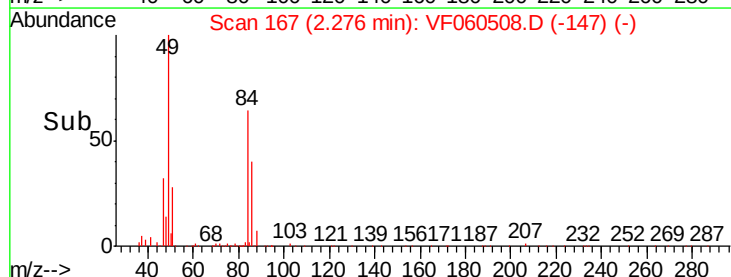
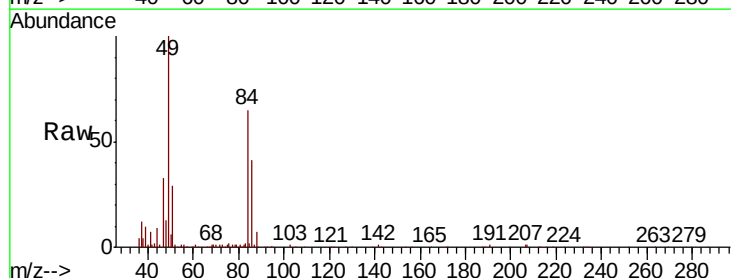
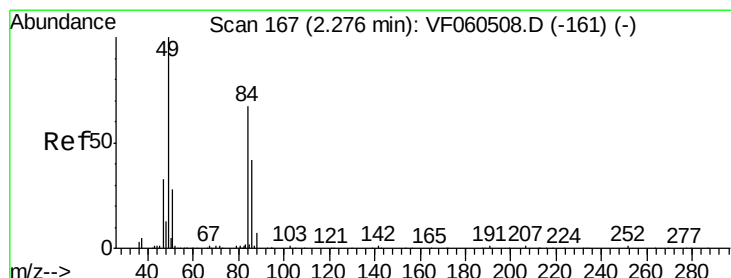
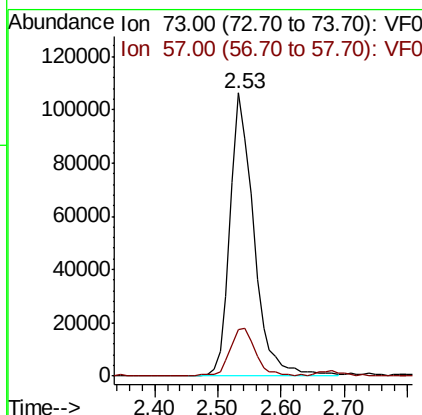
#19
Methyl tert-butyl Ether
Concen: 63.340 ug/l
RT: 2.53 min Scan# 193
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tot Ion	Ratio	Lower	Upper
73	100		
57	16.6	13.3	19.9

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

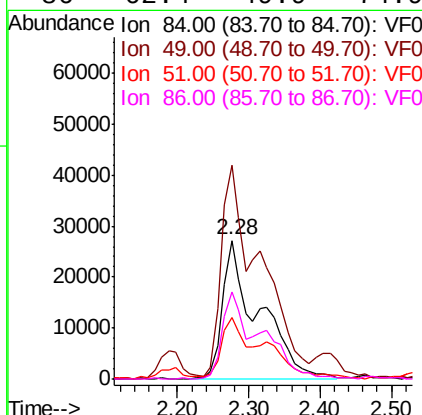
Manual Integrations
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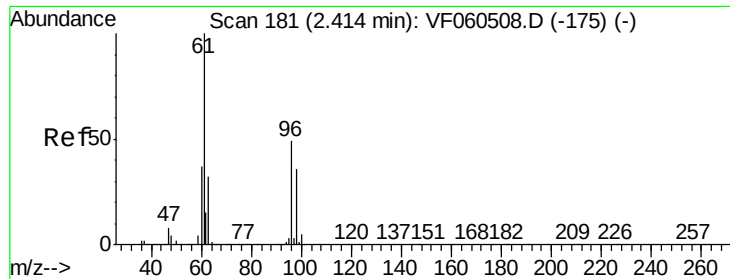
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#20
Methylene Chloride
Concen: 52.614 ug/l m
RT: 2.28 min Scan# 167
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	153.9	123.1	184.7
51	44.1	35.3	52.9
86	62.4	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 53.700 ug/l

RT: 2.41 min Scan# 181

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

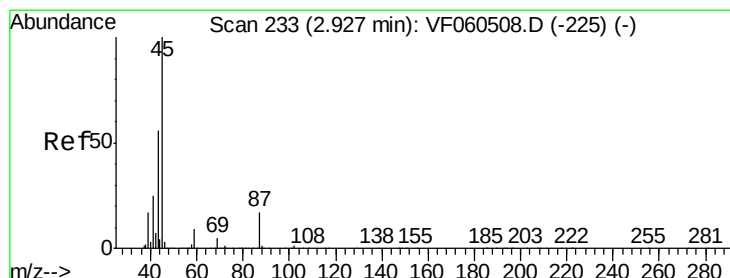
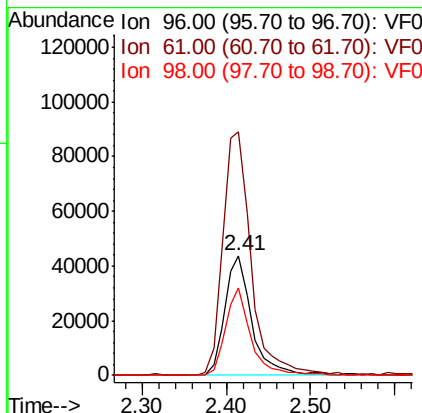
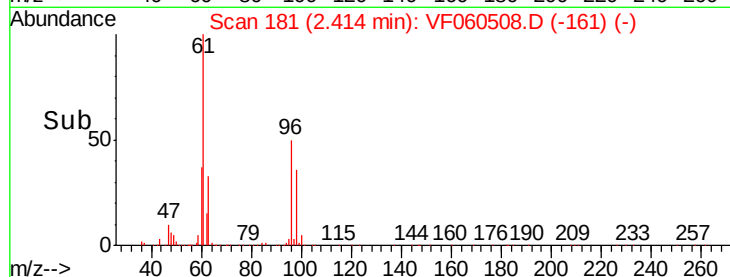
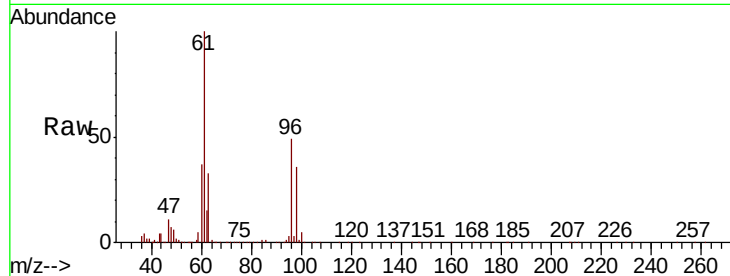
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	97915
Ion	Ratio	Lower	Upper
96	100		
61	203.1	162.5	243.7
98	73.1	58.5	87.7

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#22

Diisopropyl ether

Concen: 52.822 ug/l

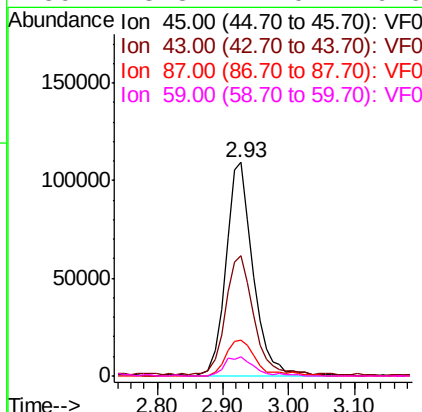
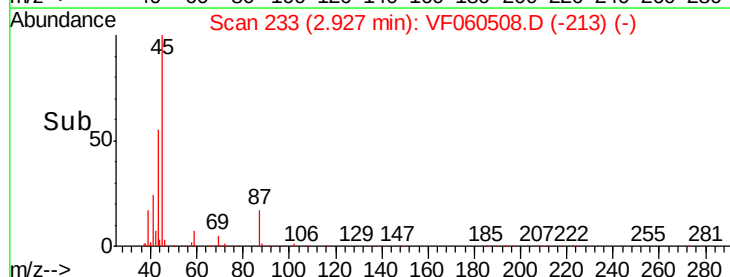
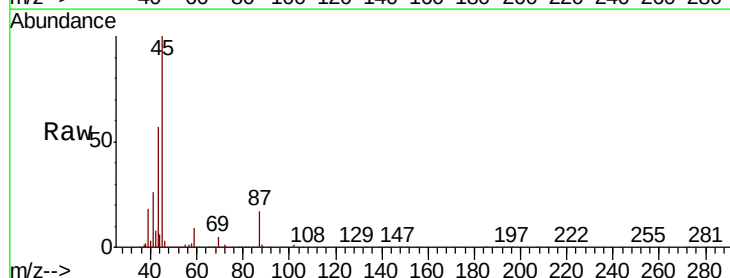
RT: 2.93 min Scan# 233

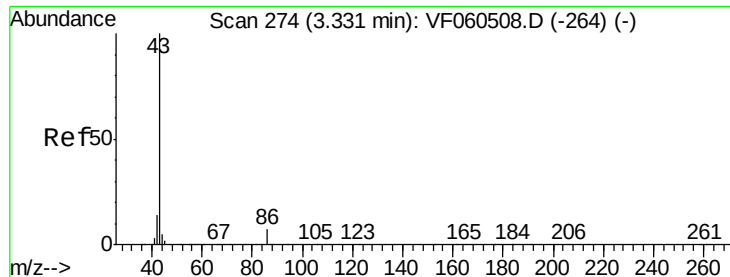
Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Tgt Ion:	45	Resp:	312669
Ion	Ratio	Lower	Upper
45	100		
43	56.5	45.2	67.8
87	16.8	13.4	20.2
59	8.8	7.0	10.6





#23

Vinyl Acetate

Concen: 235.692 ug/l

RT: 3.33 min Scan# 274

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 488383

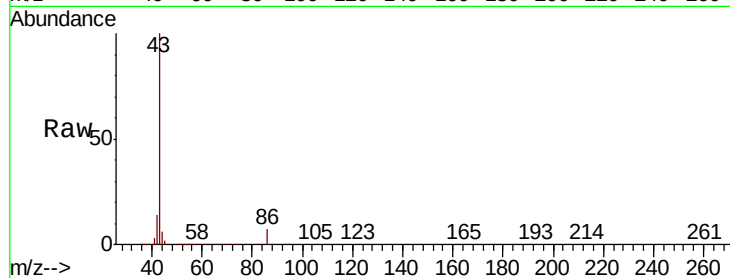
Ion Ratio Lower Upper

43 100

86 6.6 5.3 7.9

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

200000

150000

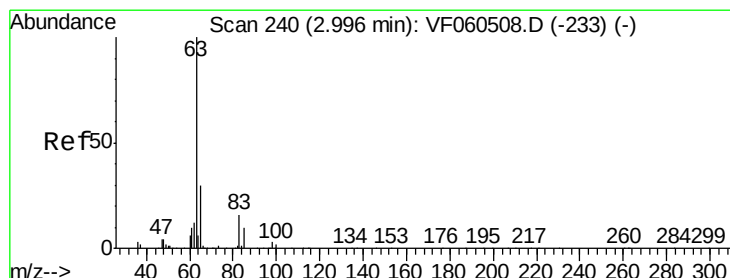
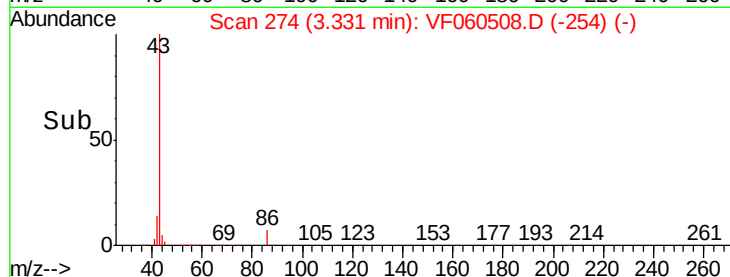
100000

50000

0

3.20 3.30 3.40 3.50

Time-->



#24

1,1-Dichloroethane

Concen: 59.497 ug/l

RT: 3.00 min Scan# 240

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

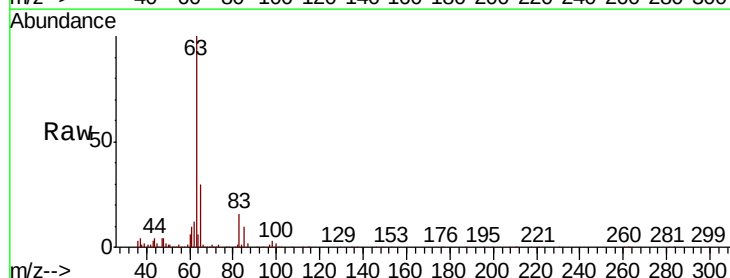
Tgt Ion: 63 Resp: 236343

Ion Ratio Lower Upper

63 100

98 3.3 1.7 5.0

100 2.2 1.1 3.3



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

120000

100000

80000

60000

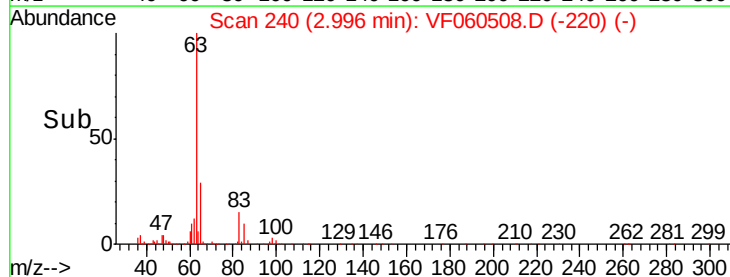
40000

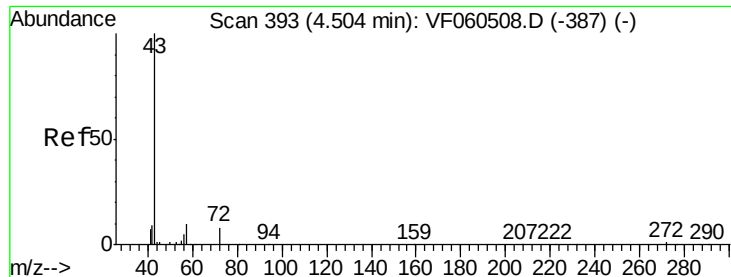
20000

0

2.90 3.00 3.10 3.20

Time-->





#25

2-Butanone

Concen: 218.793 ug/l

RT: 4.50 min Scan# 393

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 125195

Ion Ratio Lower Upper

43 100

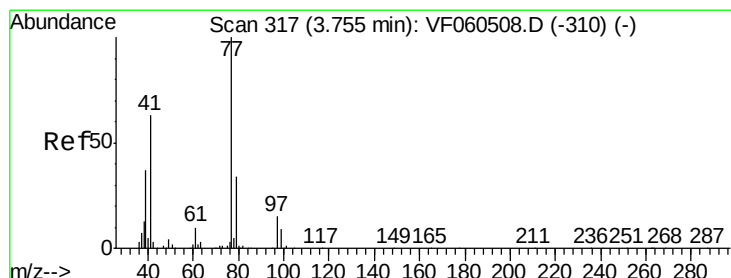
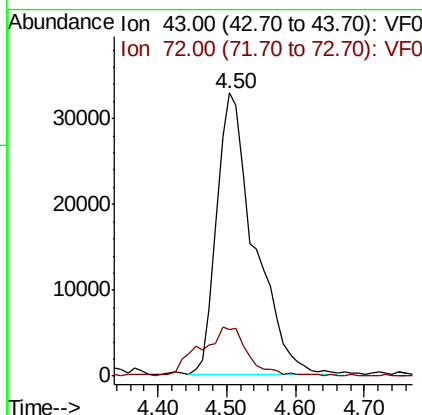
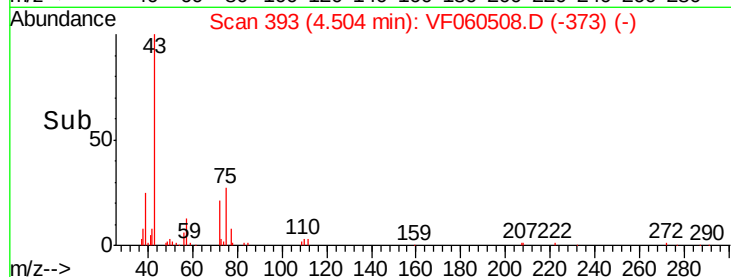
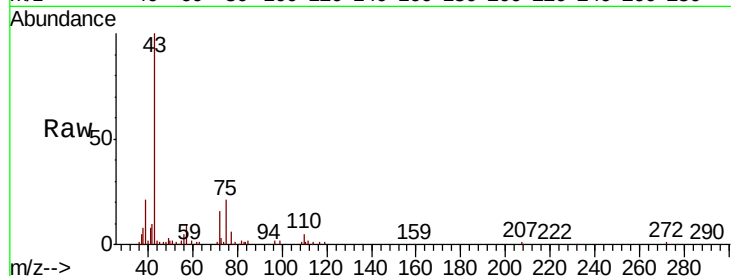
72 16.3 13.0 19.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 76.290 ug/l

RT: 3.75 min Scan# 317

Delta R.T. 0.00 min

Lab File: VF060508.D

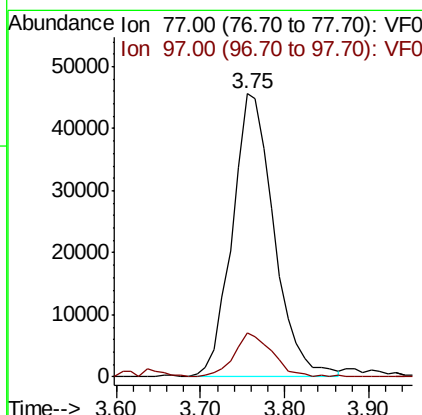
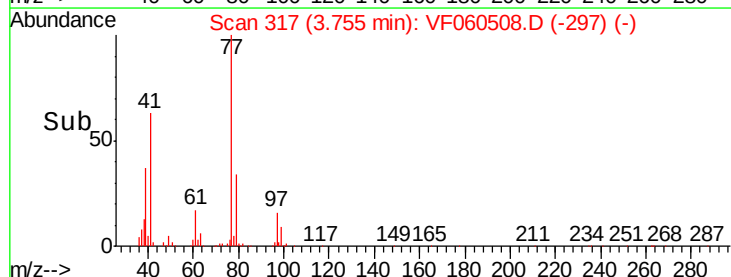
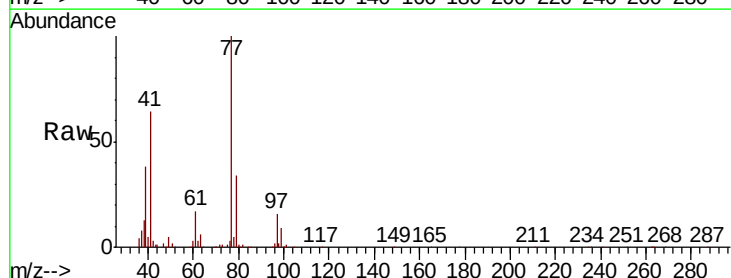
Acq: 25 Oct 2018 15:33

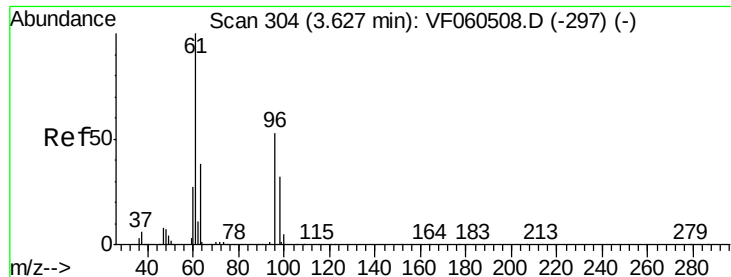
Tgt Ion: 77 Resp: 158012

Ion Ratio Lower Upper

77 100

97 15.8 7.9 23.7





#27

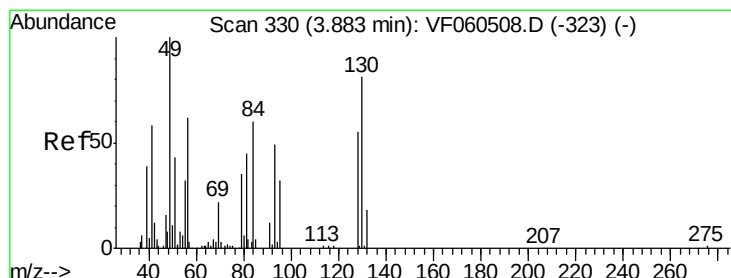
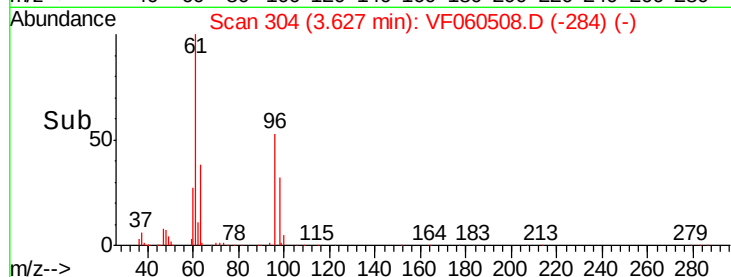
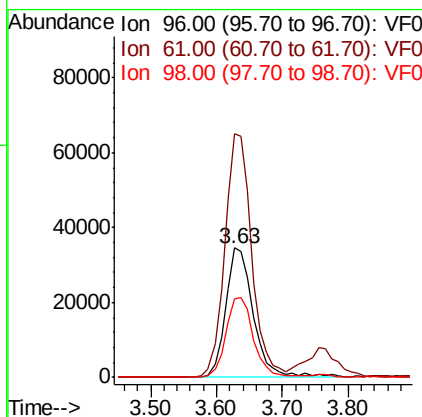
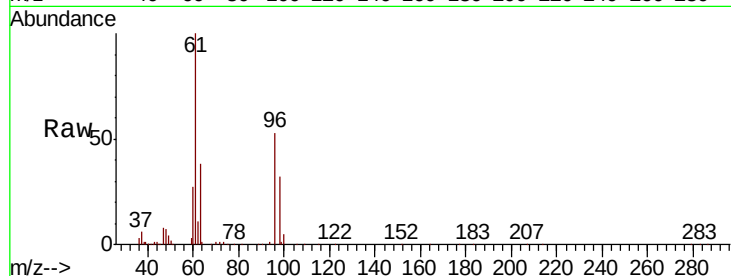
cis-1,2-Dichloroethene
Concen: 47.954 ug/l
RT: 3.63 min Scan# 304
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	188.5	0.0	377.0
98	61.2	0.0	122.4

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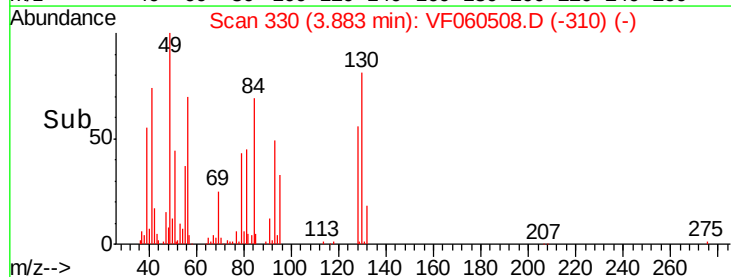
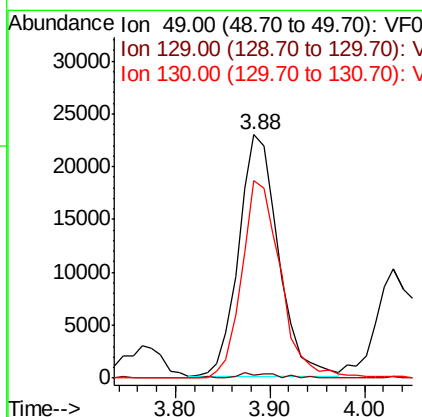
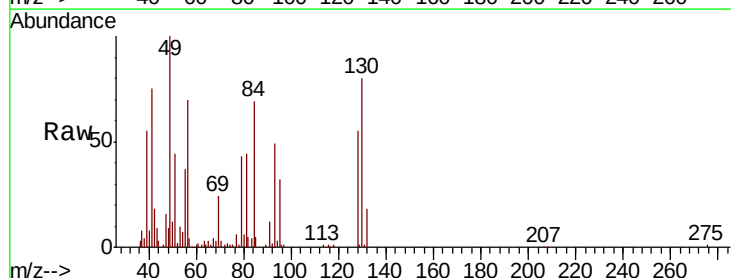
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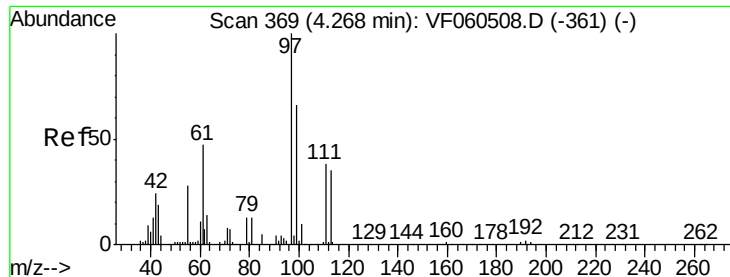


#28

Bromochloromethane
Concen: 48.550 ug/l
RT: 3.88 min Scan# 330
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	1.0	0.0	2.0
130	81.2	65.0	97.4





#29

Tetrahydrofuran

Concen: 196.964 ug/l

RT: 4.27 min Scan# 369

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

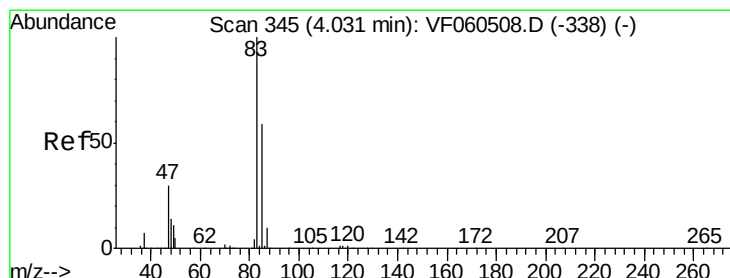
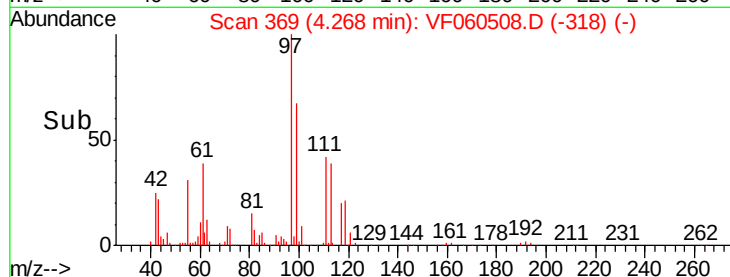
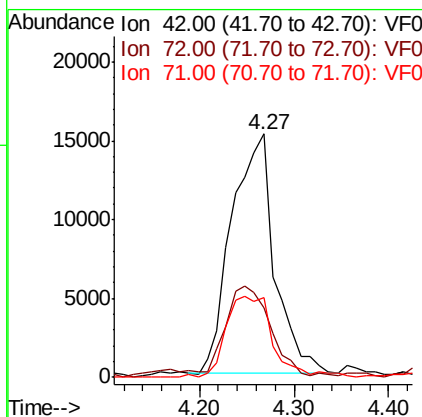
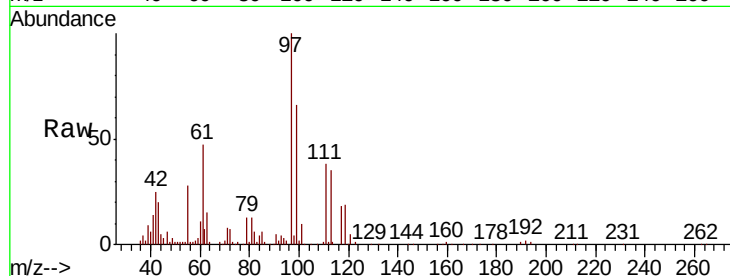
ClientSampleId :

VSTDICCC050

Tot Ion:	42	Resp:	47510
Ion Ratio	Lower	Upper	
42	100		
72	40.1	32.1	48.1
71	37.1	29.7	44.5

Manual Integrations
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#30

Chloroform

Concen: 58.908 ug/l

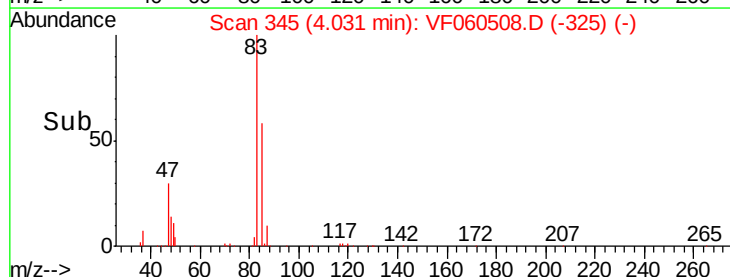
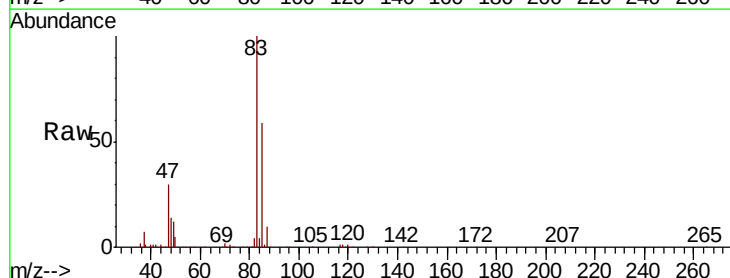
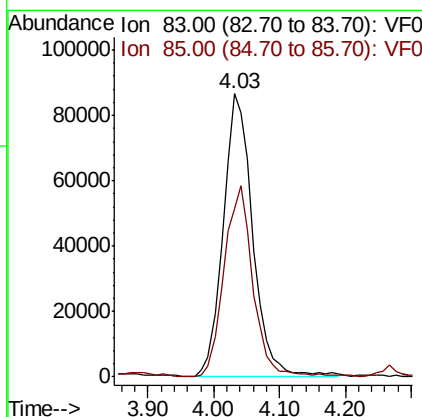
RT: 4.03 min Scan# 345

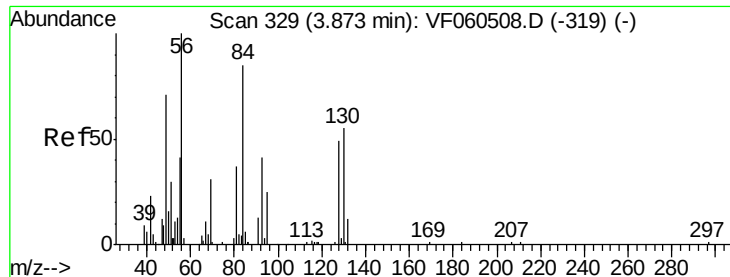
Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Tgt Ion:	83	Resp:	270796
Ion Ratio	Lower	Upper	
83	100		
85	59.3	47.4	71.2





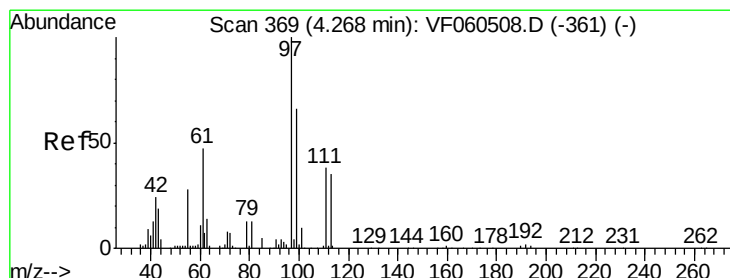
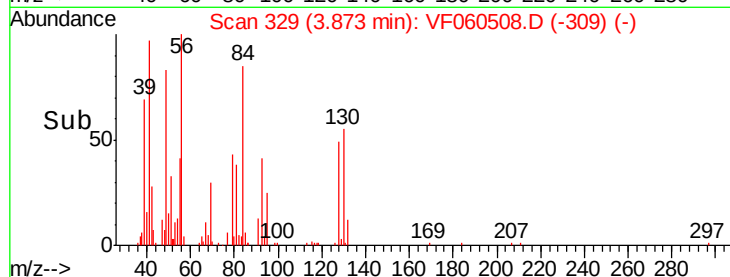
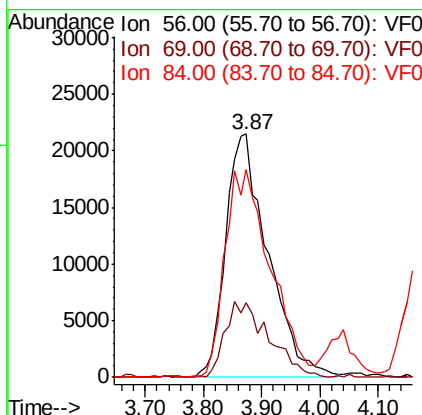
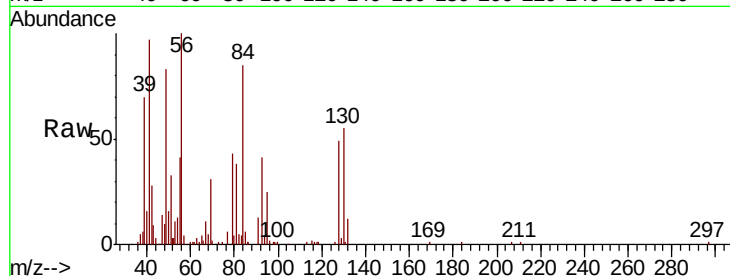
#31
Cyclohexane
Concen: 42.652 ug/l
RT: 3.87 min Scan# 329
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	37.0
84	85.2	68.2	102.2

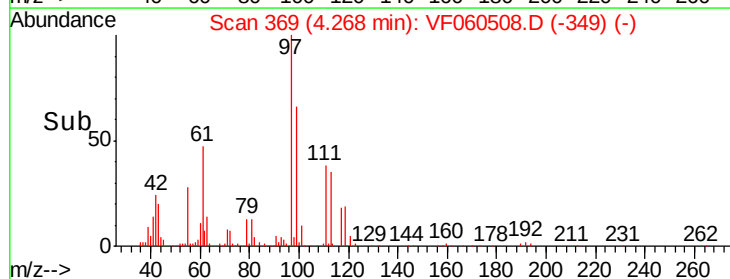
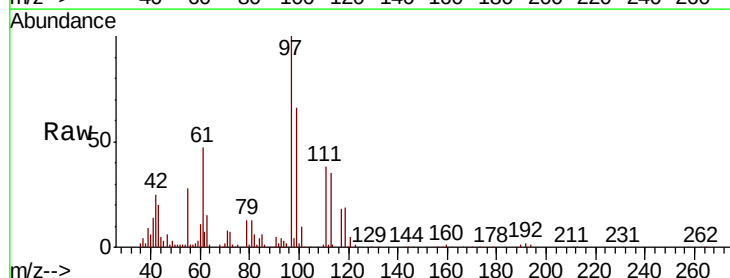
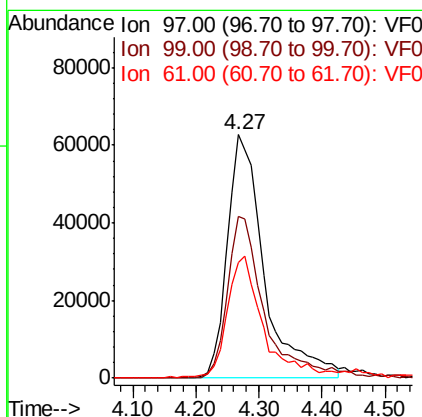
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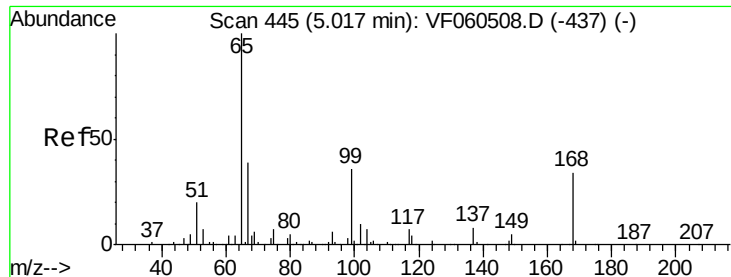
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#32
1,1,1-Trichloroethane
Concen: 70.340 ug/l
RT: 4.27 min Scan# 369
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.3	53.0	79.6
61	47.4	37.9	56.9





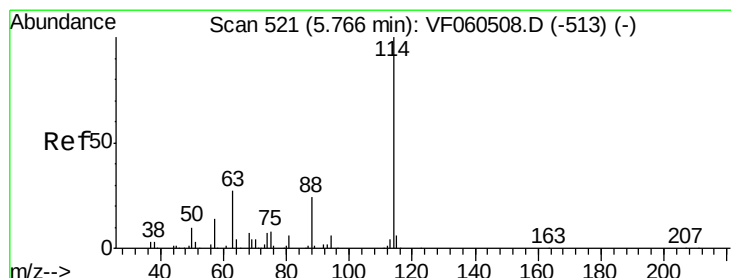
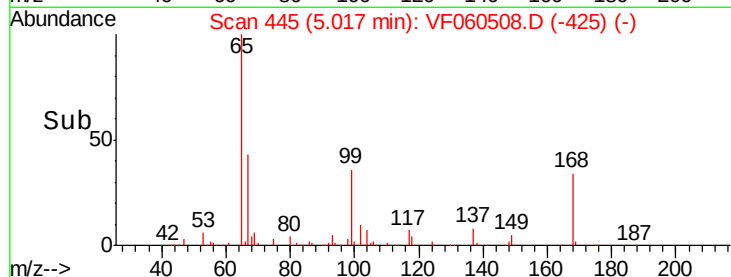
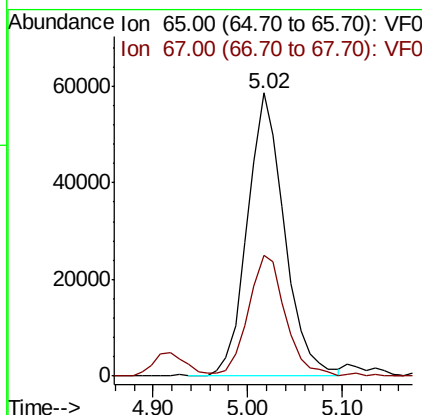
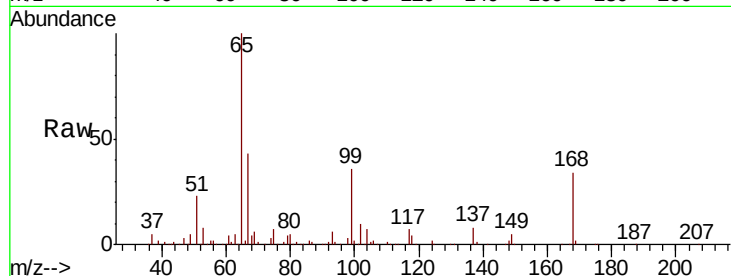
#33
 1,2-Dichloroethane-d4
 Concen: 65.804 ug/l
 RT: 5.02 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: VF060508.D
 Acq: 25 Oct 2018 15:33

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	42.9	0.0	85.8

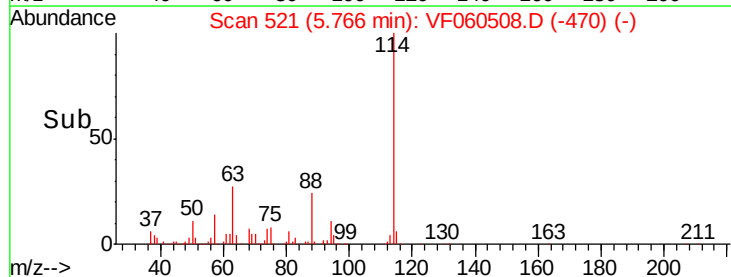
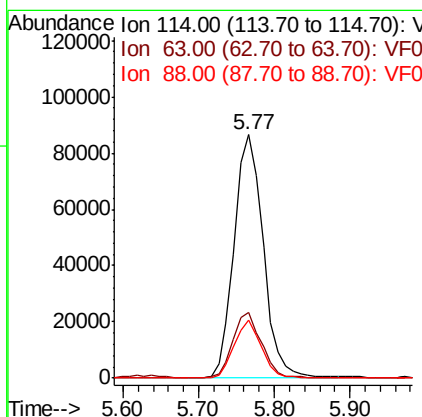
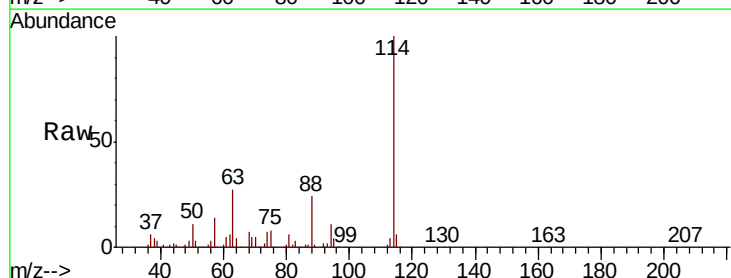
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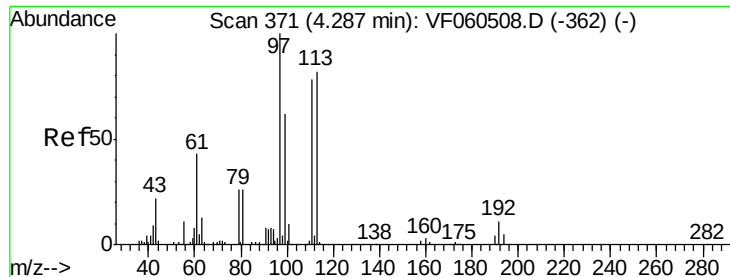
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: VF060508.D
 Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.2	0.0	54.4
88	23.6	0.0	47.2





#35

Dibromofluoromethane

Concen: 63.875 ug/l

RT: 4.29 min Scan# 371

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

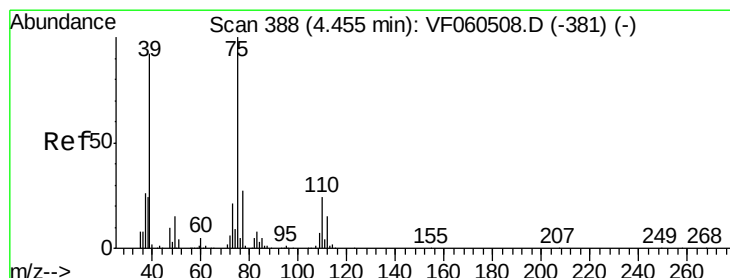
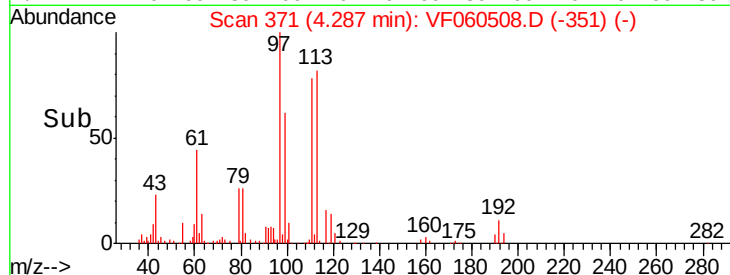
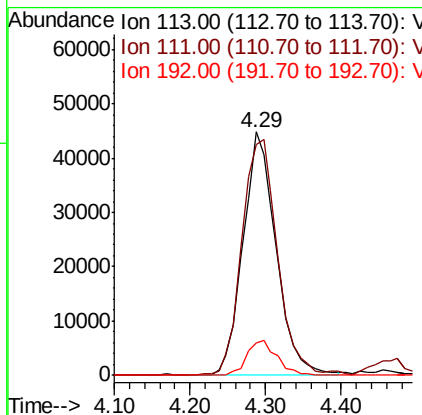
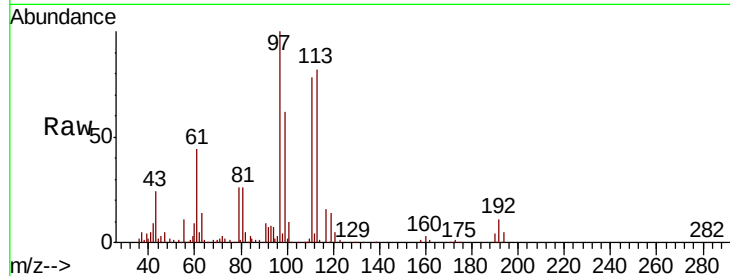
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	136487
Ion Ratio	Lower	Upper	
113	100		
111	94.9	75.9	113.9
192	13.2	10.6	15.8

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#36

1,1-Dichloropropene

Concen: 59.356 ug/l

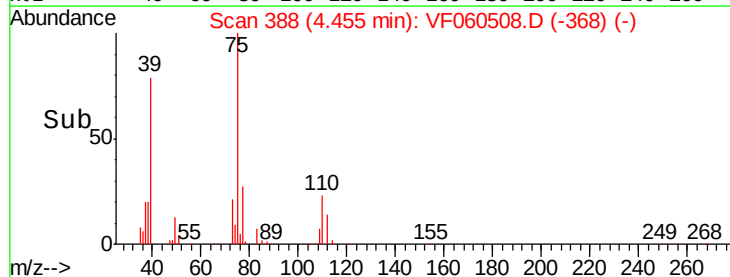
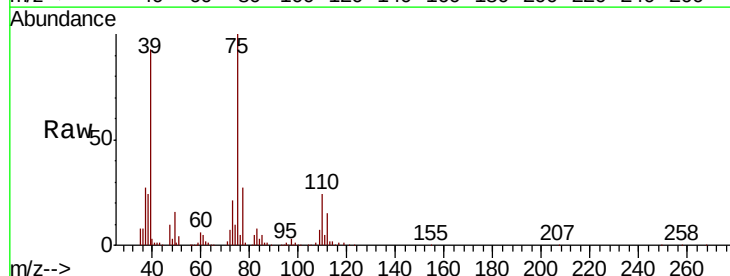
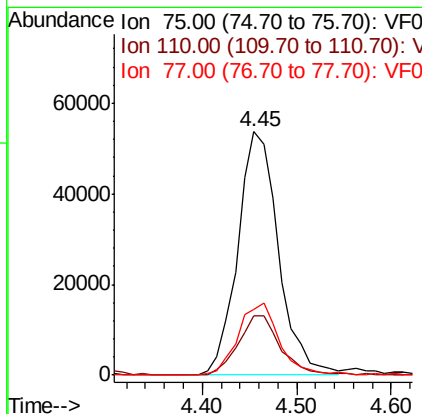
RT: 4.45 min Scan# 388

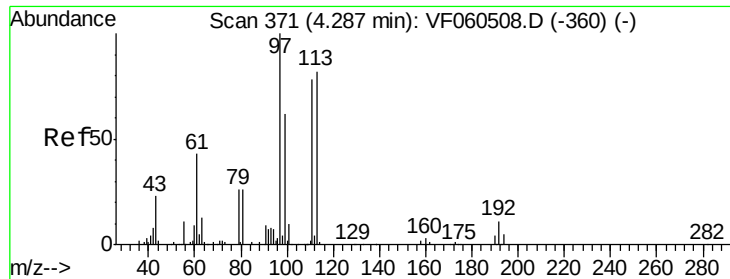
Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Tgt Ion:	75	Resp:	160269
Ion Ratio	Lower	Upper	
75	100		
110	24.2	12.1	36.3
77	27.2	21.8	32.6





#37

Ethyl Acetate

Concen: 53.425 ug/l

RT: 4.29 min Scan# 371

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

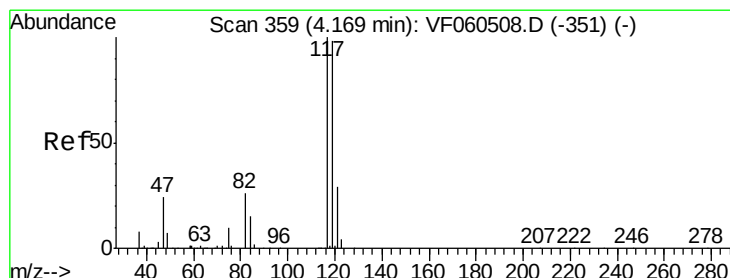
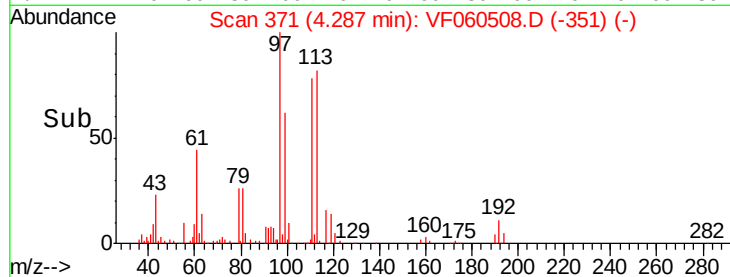
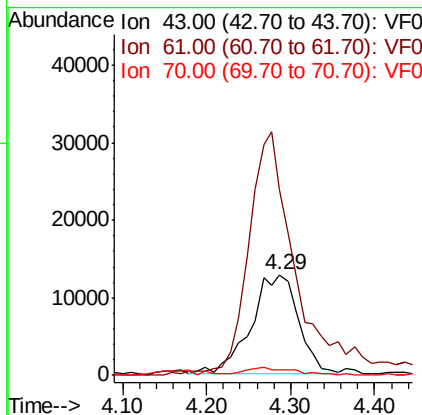
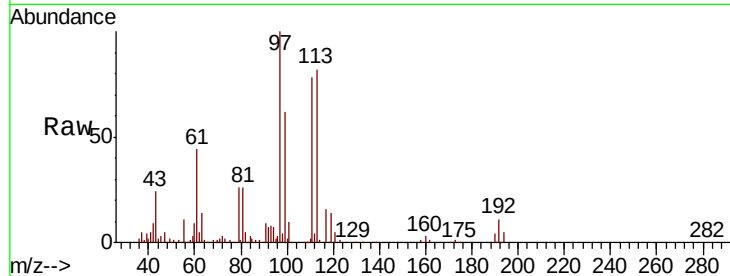
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	50955
Ion	Ratio	Lower	Upper
43	100		
61	185.6	148.5	222.7
70	5.9	4.7	7.1

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#38

Carbon Tetrachloride

Concen: 94.708 ug/l m

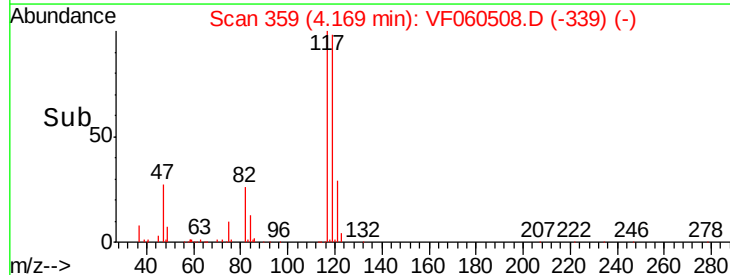
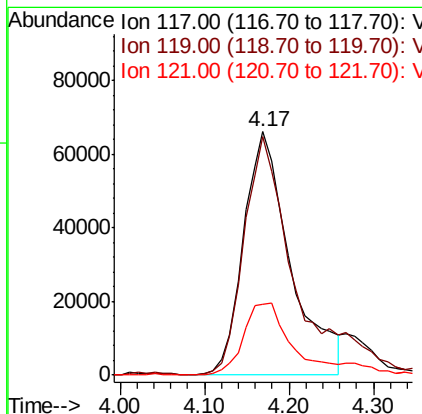
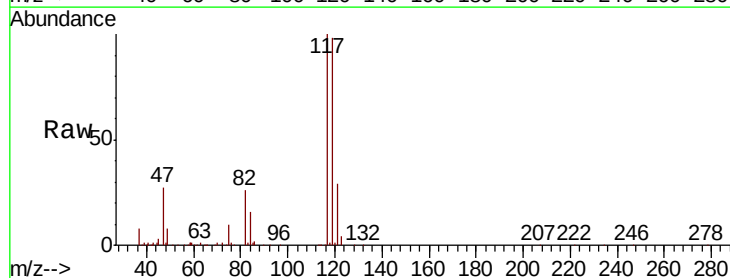
RT: 4.17 min Scan# 359

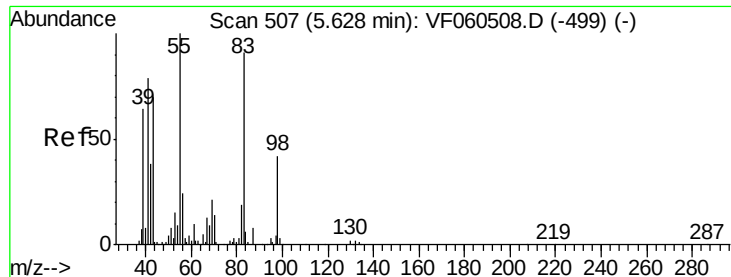
Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Tgt Ion:	117	Resp:	256876
Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.3	117.5
121	29.1	23.3	34.9





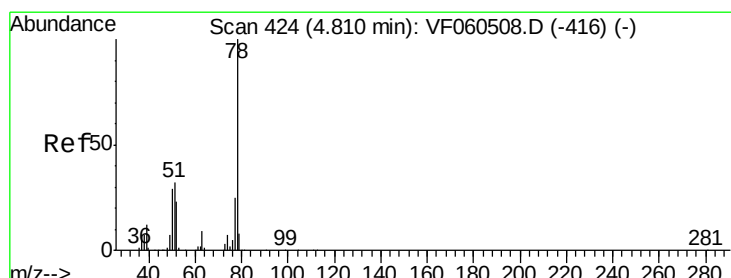
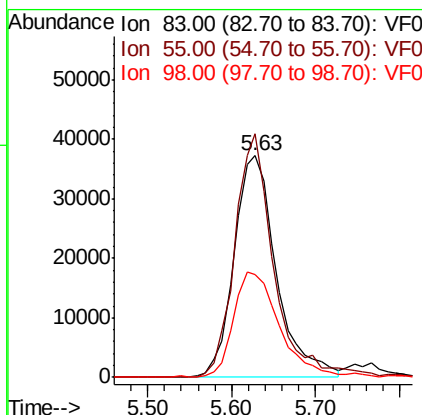
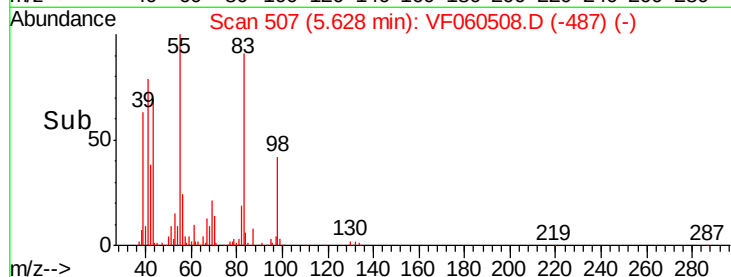
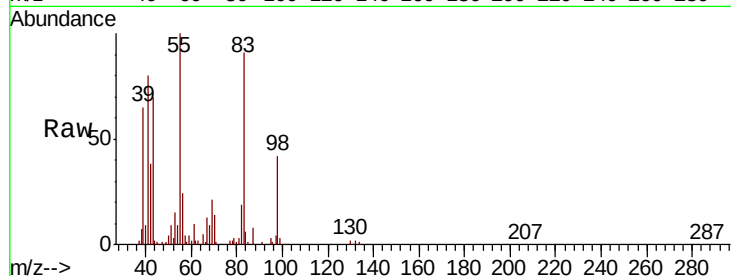
#39
Methylvlcyclohexane
Concen: 51.574 ug/l
RT: 5.63 min Scan# 507
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	109.9	87.9	131.9
98	46.3	37.0	55.6

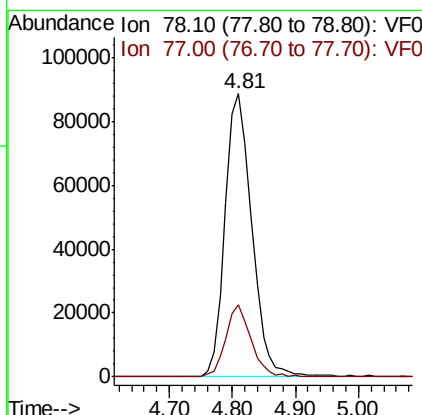
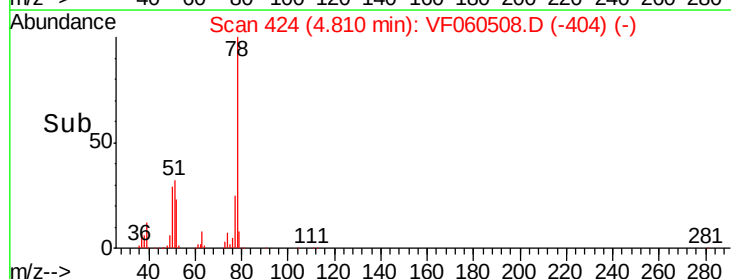
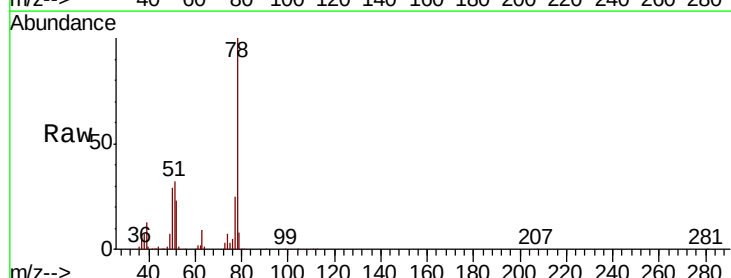
Manual Integrations
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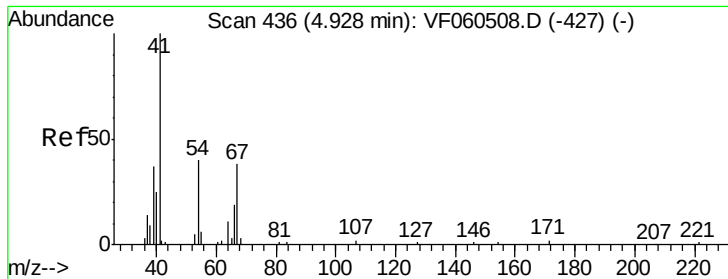
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#40
Benzene
Concen: 47.365 ug/l
RT: 4.81 min Scan# 424
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	20.2	30.4





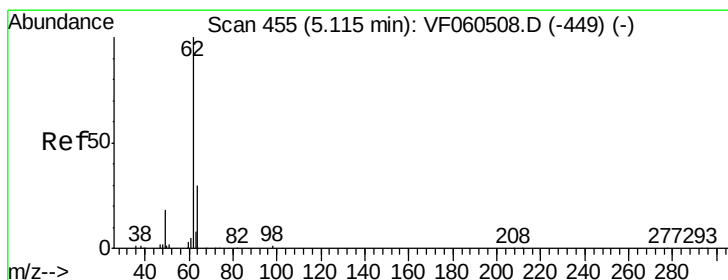
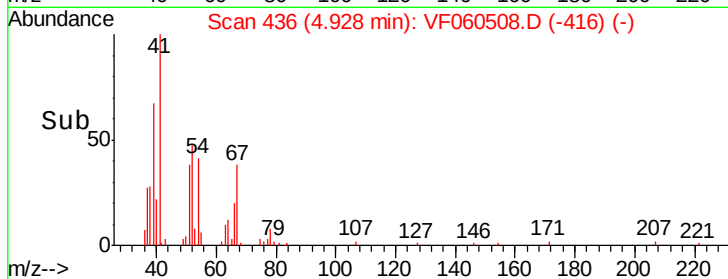
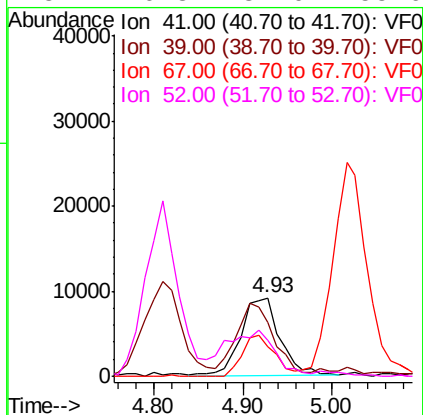
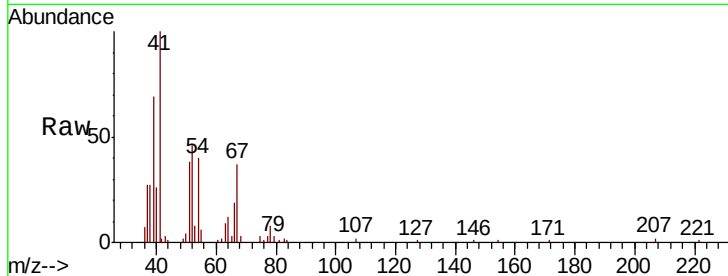
#41
Methacrylonitrile
Concen: 51.066 ug/l
RT: 4.93 min Scan# 436
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	69.0	55.2	82.8
67	37.3	29.8	44.8
52	46.3	37.0	55.6

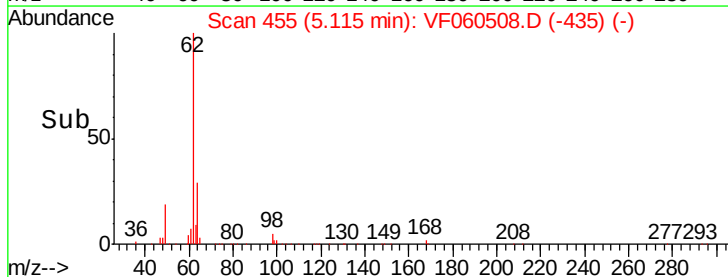
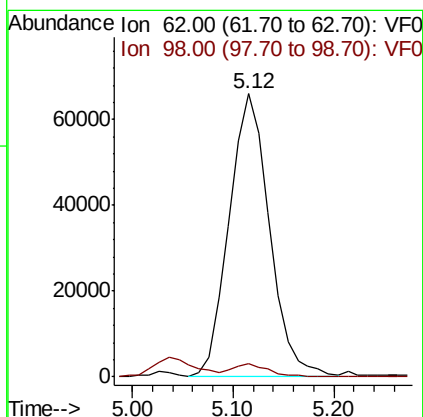
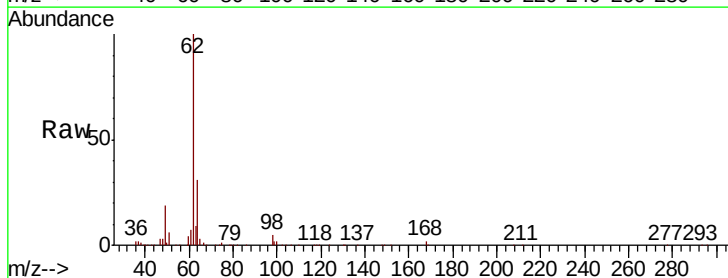
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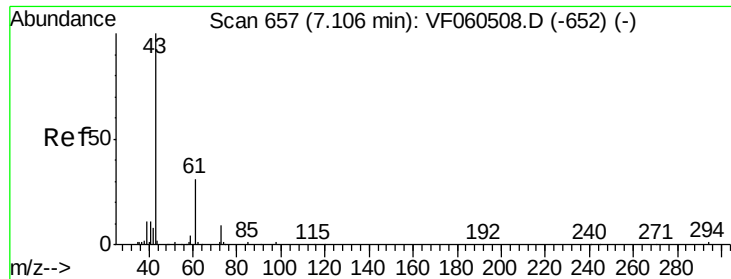
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#42
1,2-Dichloroethane
Concen: 72.853 ug/l
RT: 5.12 min Scan# 455
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.7	0.0	9.4





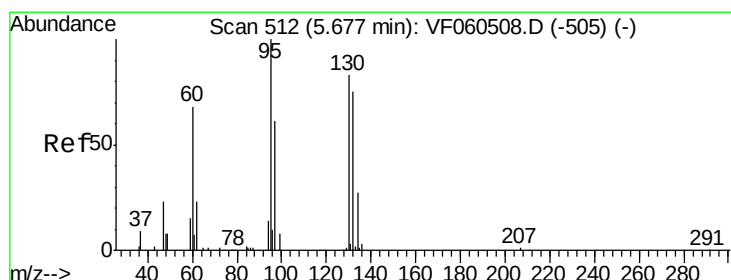
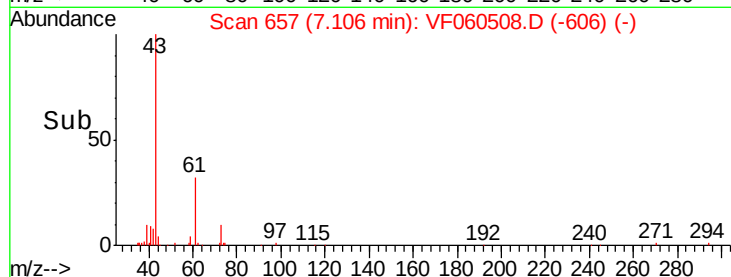
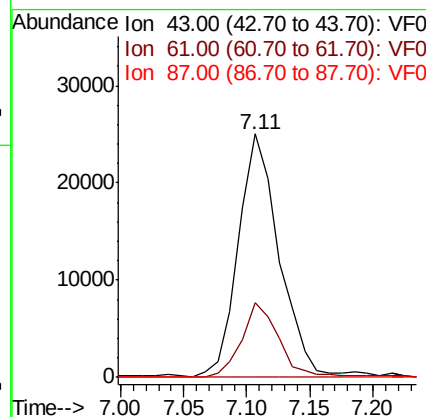
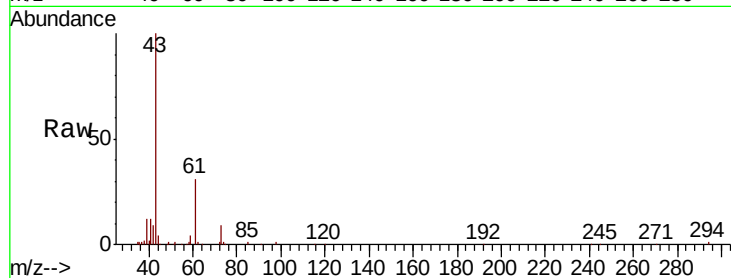
#43
Isopropyl Acetate
Concen: 47.318 ug/l
RT: 7.11 min Scan# 657
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion:	43	Resp:	56248
Ion	Ratio	Lower	Upper
43	100		
61	30.5	24.4	36.6
87	0.0	0.0	0.0

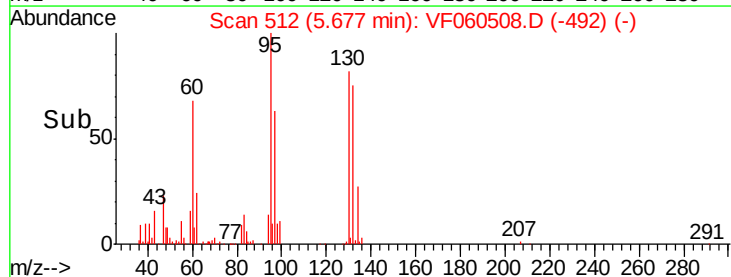
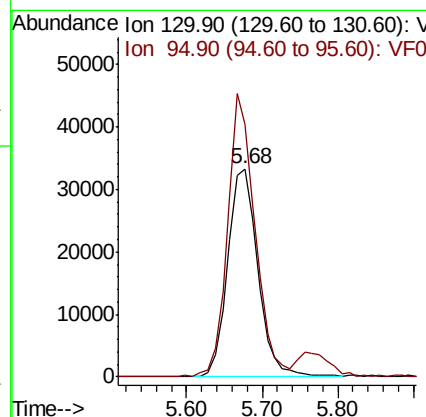
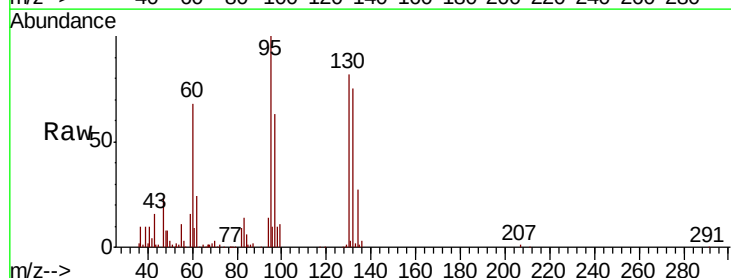
Manual Integrations
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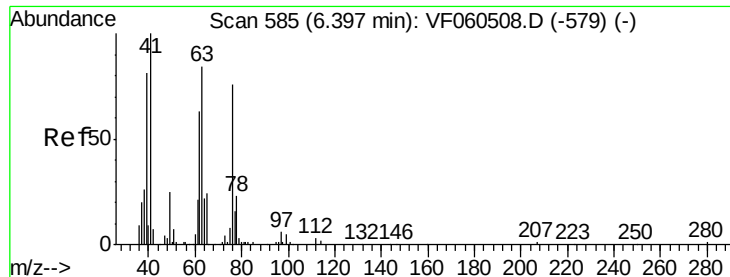
apatel
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#44
Trichloroethene
Concen: 53.303 ug/l
RT: 5.68 min Scan# 512
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion:	130	Resp:	92056
Ion	Ratio	Lower	Upper
130	100		
95	121.4	0.0	242.8





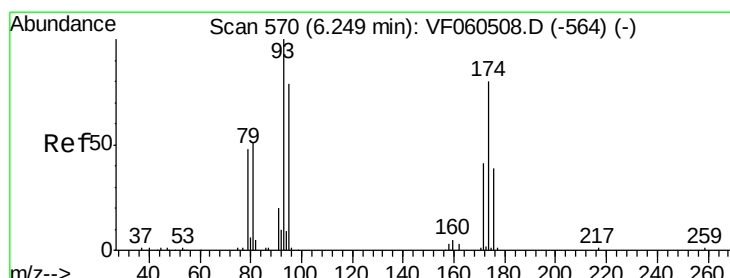
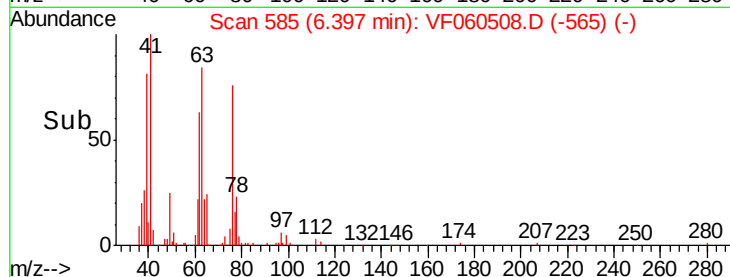
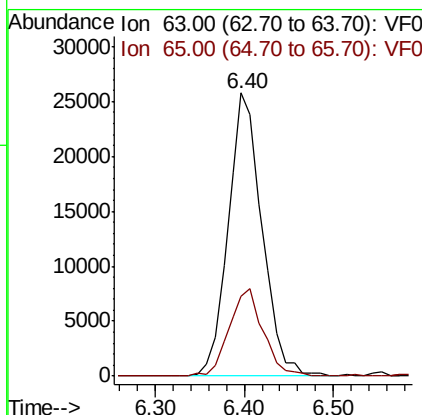
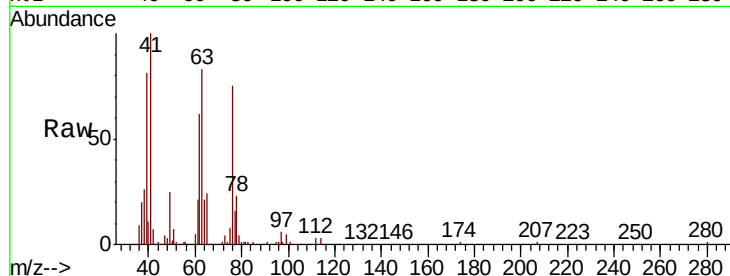
#45
1,2-Dichloropropane
Concen: 50.341 ug/l
RT: 6.40 min Scan# 585
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion: 63 Resp: 68319
Ion Ratio Lower Upper
63 100
65 28.4 22.7 34.1

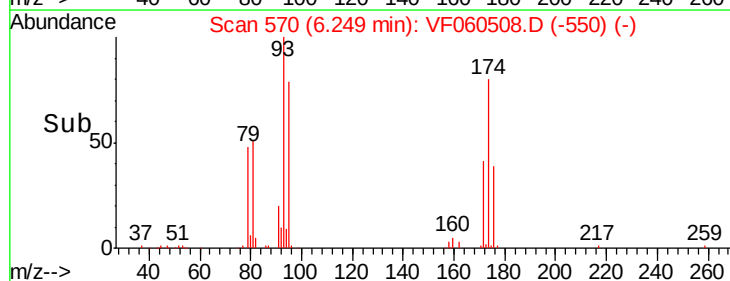
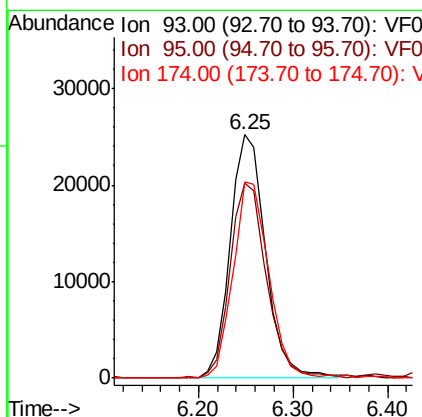
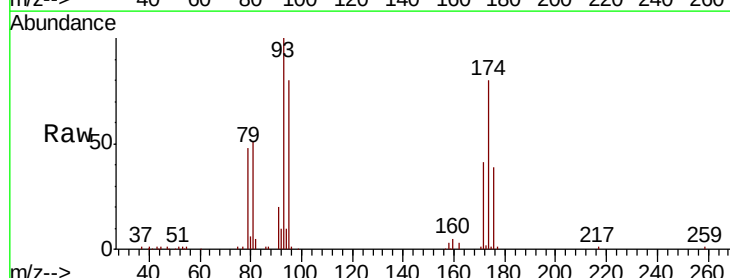
Manual Integrations
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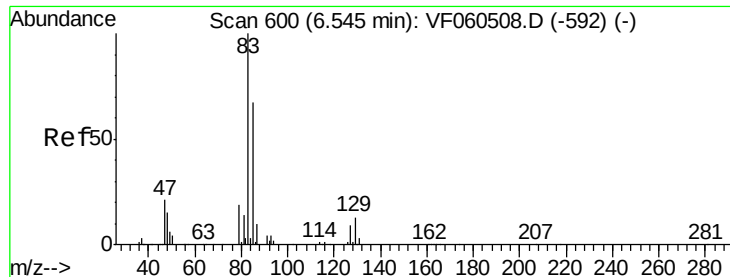
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#46
Dibromomethane
Concen: 59.891 ug/l
RT: 6.25 min Scan# 570
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion: 93 Resp: 65198
Ion Ratio Lower Upper
93 100
95 79.8 63.8 95.8
174 81.1 64.9 97.3





#47

Bromodichloromethane

Concen: 68.249 ug/l

RT: 6.54 min Scan# 600

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

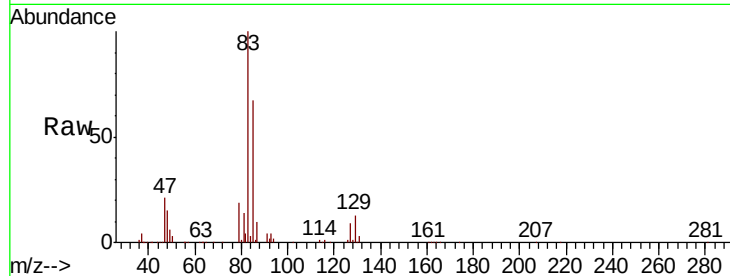
ClientSampleId :

VSTDICCC050

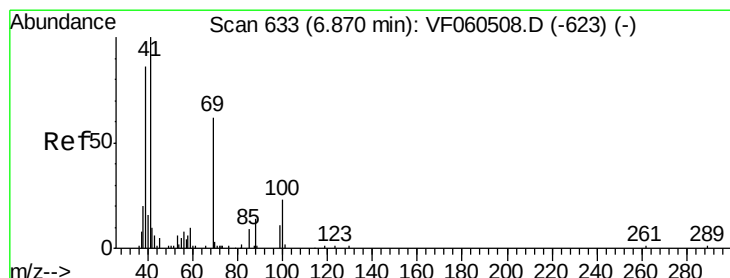
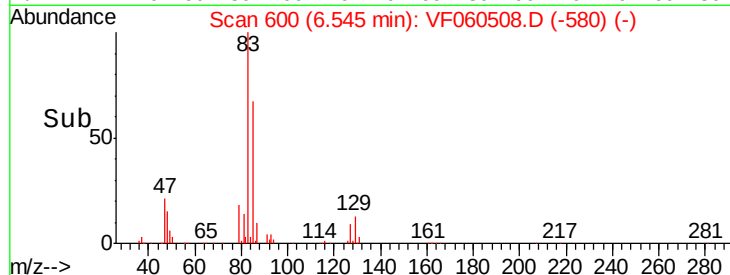
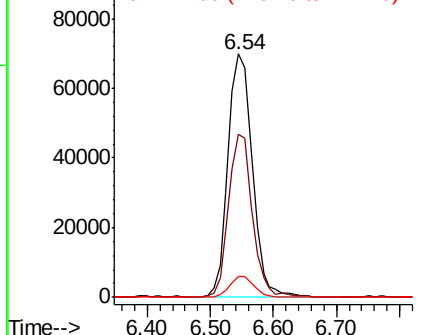
Tot Ion:	83	Resp:	187641
Ion Ratio	Lower	Upper	
83	100		
85	66.7	53.4	80.0
127	8.6	6.9	10.3

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Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0
Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 56.288 ug/l

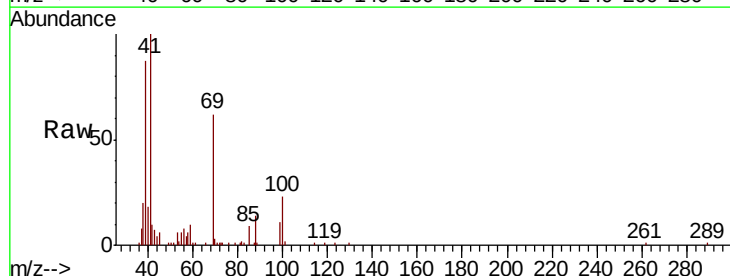
RT: 6.87 min Scan# 633

Delta R.T. 0.00 min

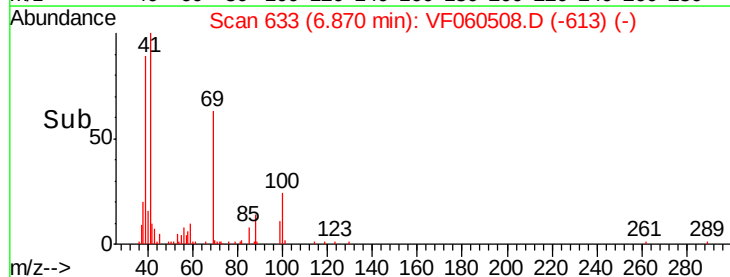
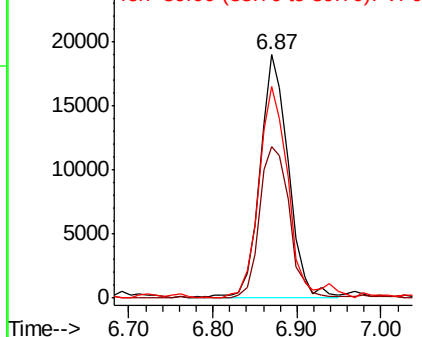
Lab File: VF060508.D

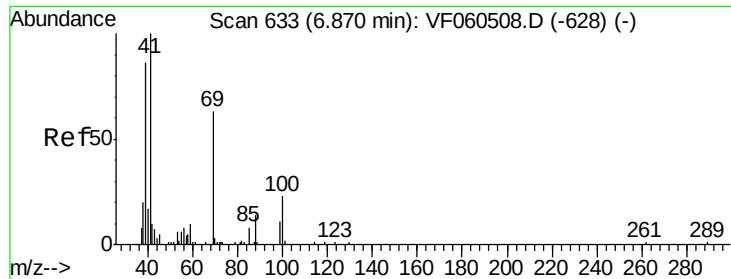
Acq: 25 Oct 2018 15:33

Tgt Ion:	41	Resp:	45325
Ion Ratio	Lower	Upper	
41	100		
69	62.0	49.6	74.4
39	86.8	69.4	104.2



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0





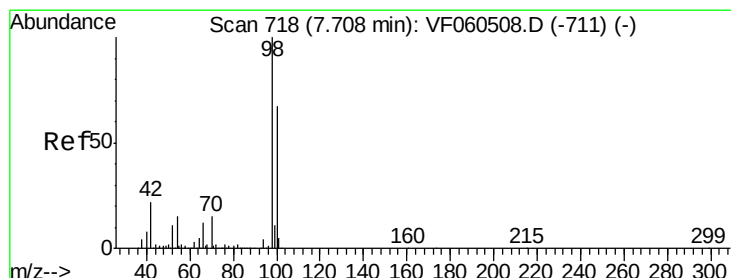
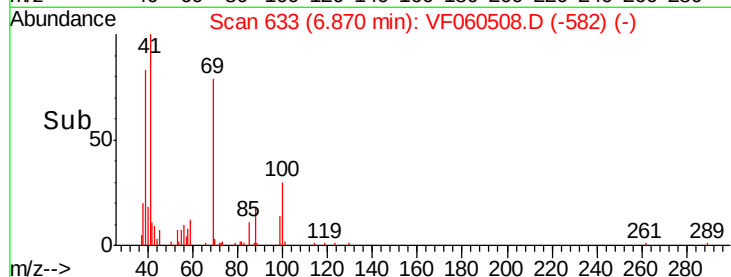
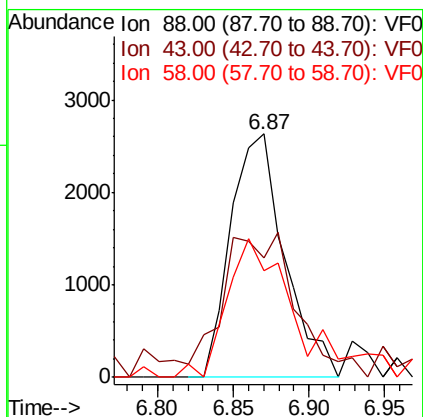
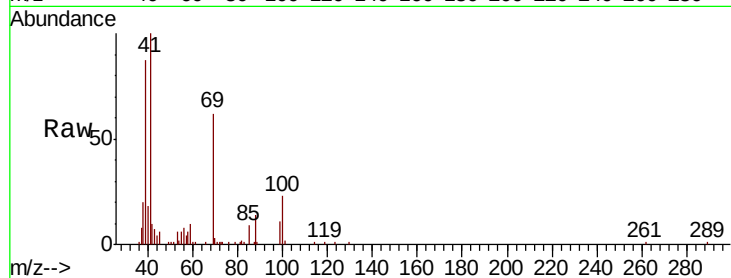
#49
1,4-Dioxane
Concen: 941.989 ug/l
RT: 6.87 min Scan# 633
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	49.1	39.3	58.9
58	43.8	35.0	52.6

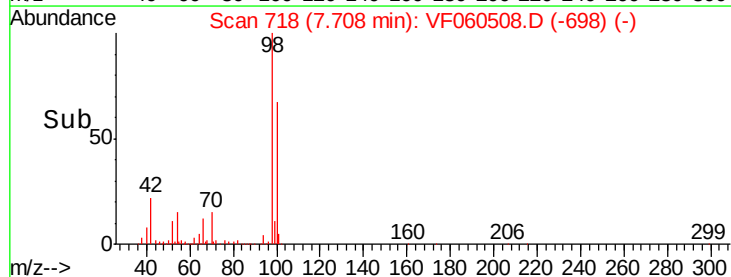
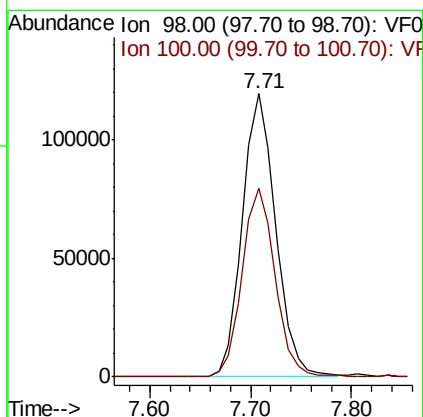
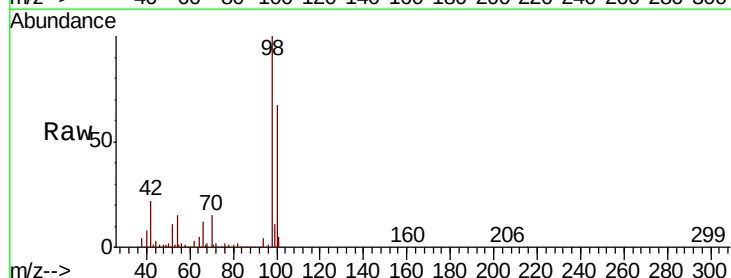
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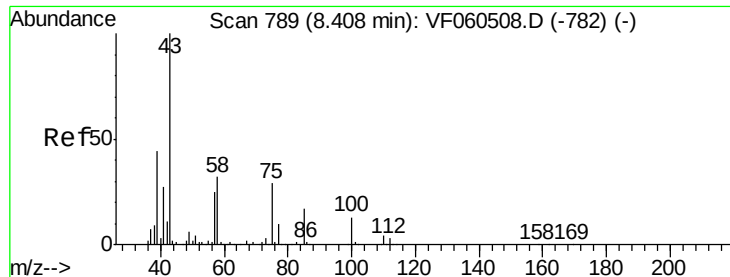
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#50
Toluene-d8
Concen: 53.788 ug/l
RT: 7.71 min Scan# 718
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.0





#51

4-Methyl-2-Pentanone

Concen: 278.772 ug/l

RT: 8.41 min Scan# 789

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 231165

Ion Ratio Lower Upper

43 100

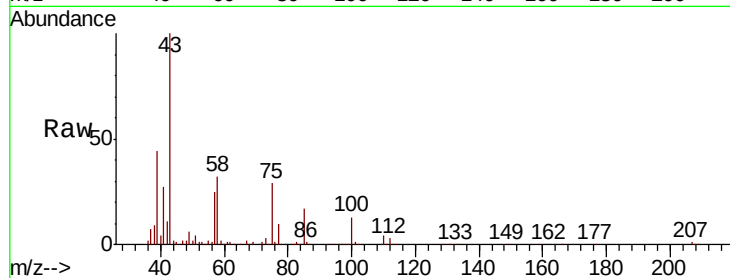
58 31.8 25.4 38.2

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.41

100000

80000

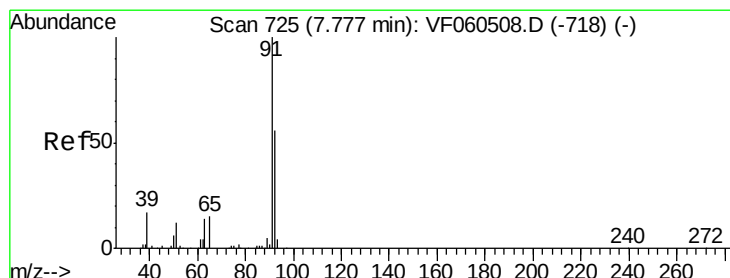
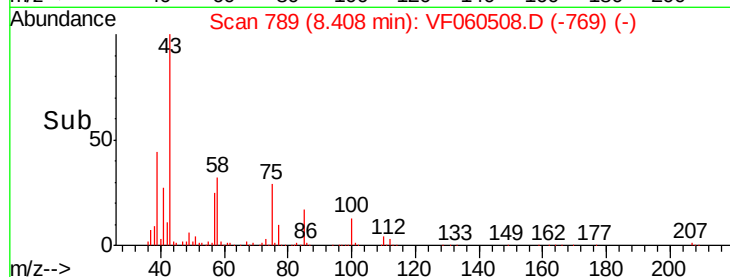
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 49.738 ug/l

RT: 7.78 min Scan# 725

Delta R.T. 0.00 min

Lab File: VF060508.D

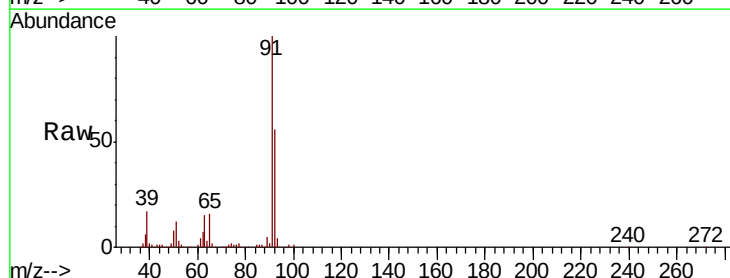
Acq: 25 Oct 2018 15:33

Tgt Ion: 92 Resp: 173661

Ion Ratio Lower Upper

92 100

91 179.8 143.8 215.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

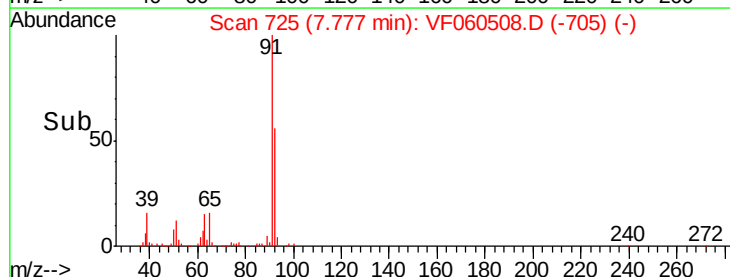
150000

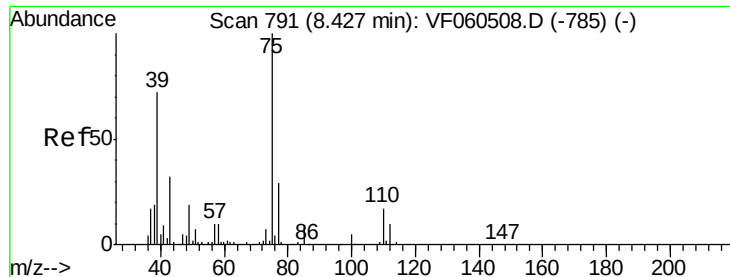
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 65.163 ug/l

RT: 8.43 min Scan# 791

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 139143

Ion Ratio Lower Upper

75 100

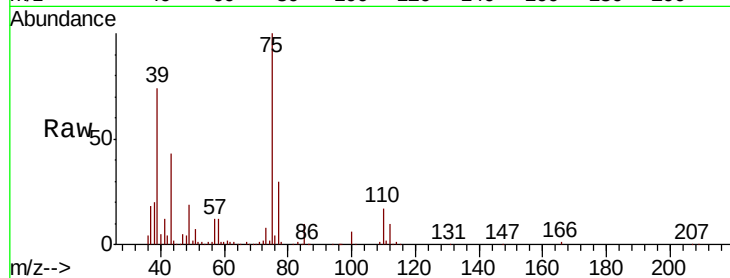
77 29.6 23.7 35.5

Manual Integrations

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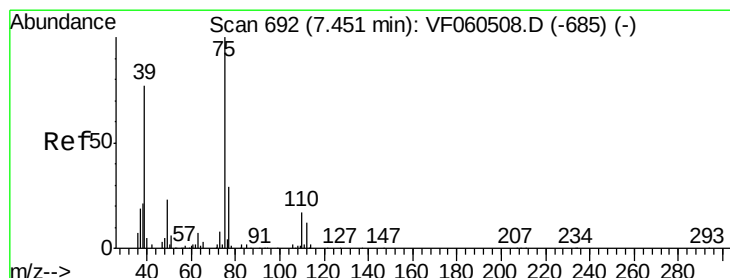
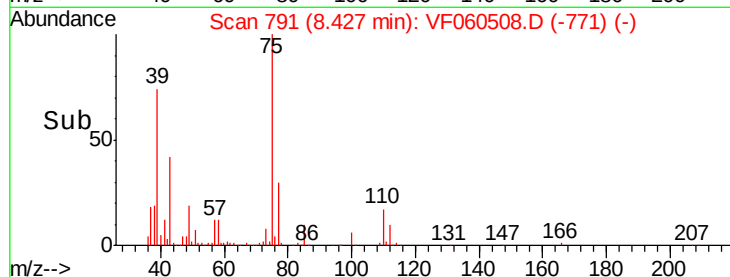
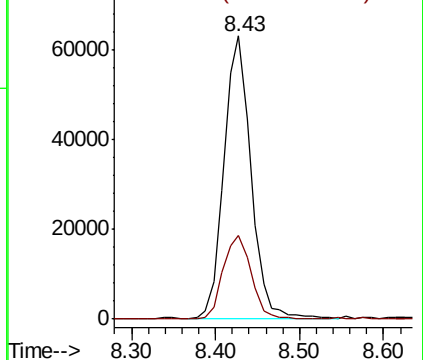
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Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#54

cis-1,3-Dichloropropene

Concen: 58.402 ug/l

RT: 7.45 min Scan# 692

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

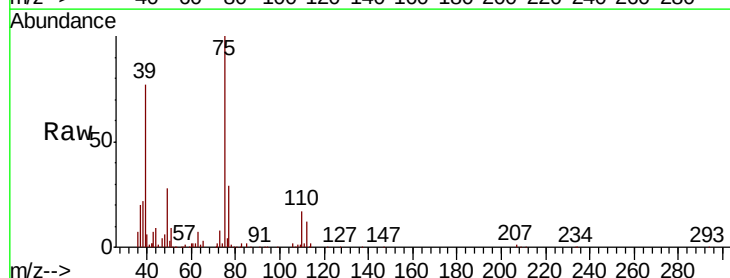
Tgt Ion: 75 Resp: 145243

Ion Ratio Lower Upper

75 100

77 29.5 23.6 35.4

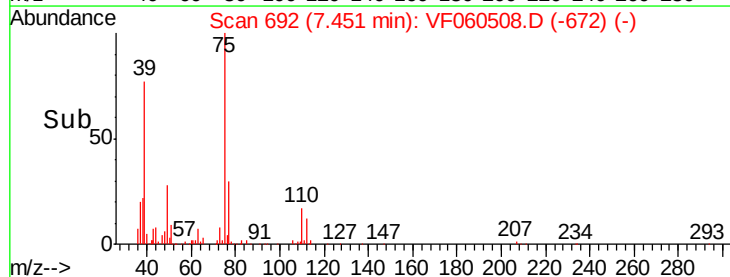
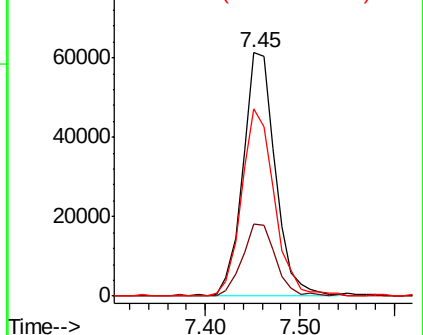
39 77.0 61.6 92.4

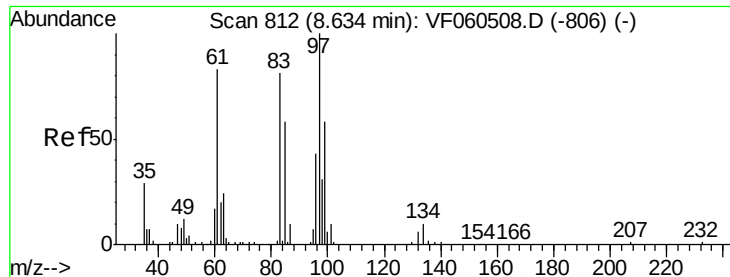


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 57.080 ug/l

RT: 8.63 min Scan# 812

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

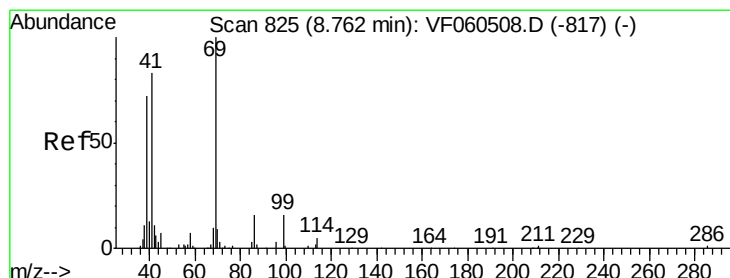
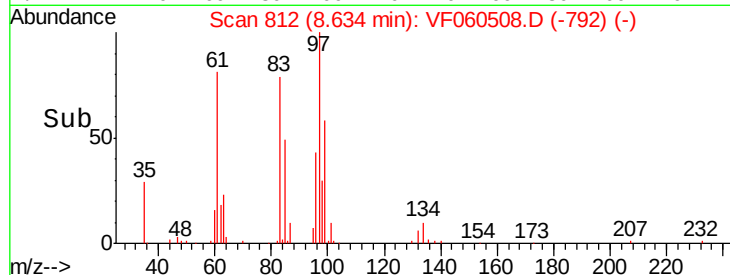
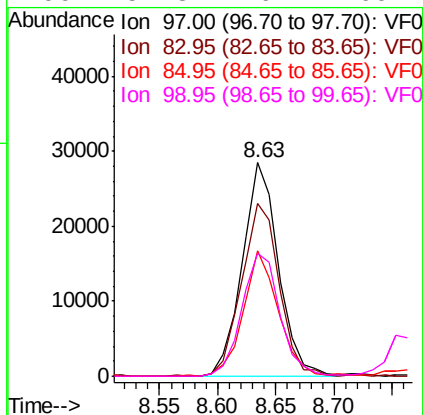
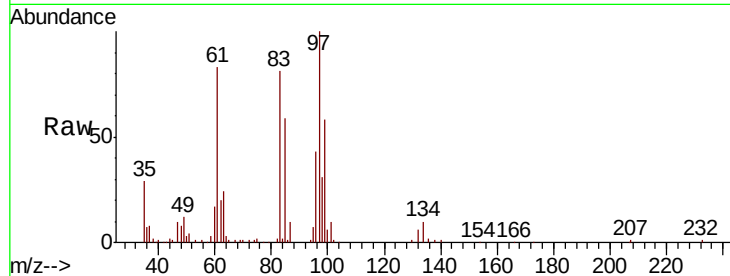
ClientSampleId :

VSTDICCC050

Tot Ion:	97	Resp:	61251
Ion	Ratio	Lower	Upper
97	100		
83	81.2	65.0	97.4
85	58.8	47.0	70.6
99	57.8	46.2	69.4

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#56

Ethyl methacrylate

Concen: 49.792 ug/l

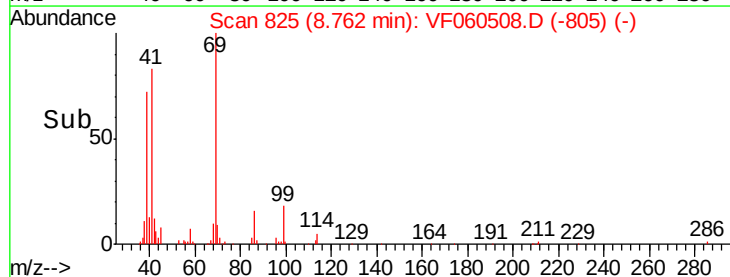
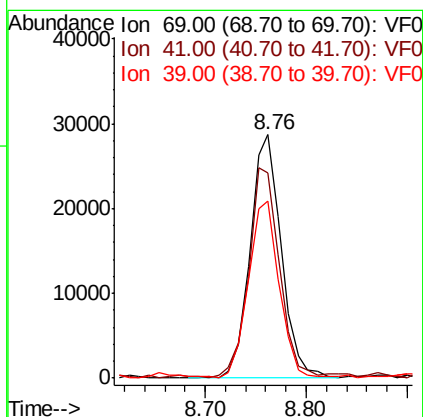
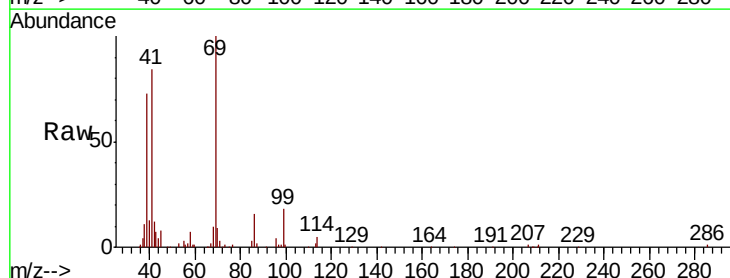
RT: 8.76 min Scan# 825

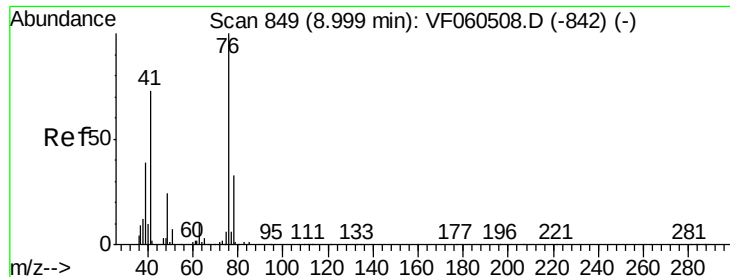
Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Tgt Ion:	69	Resp:	61820
Ion	Ratio	Lower	Upper
69	100		
41	84.0	67.2	100.8
39	73.0	58.4	87.6





#57

1,3-Dichloropropane

Concen: 54.424 ug/l

RT: 9.00 min Scan# 849

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 100561

Ion Ratio Lower Upper

76 100

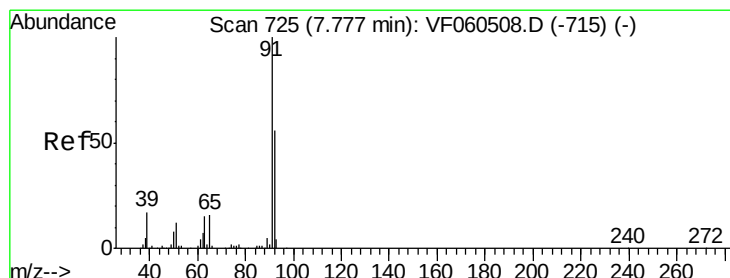
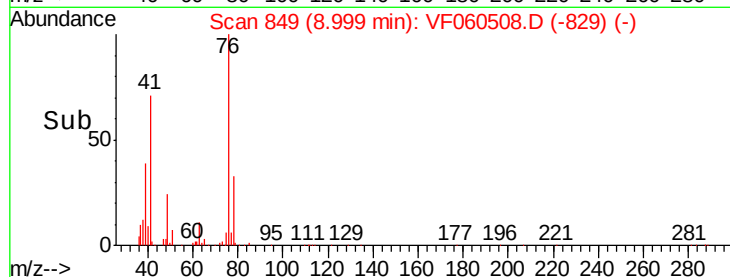
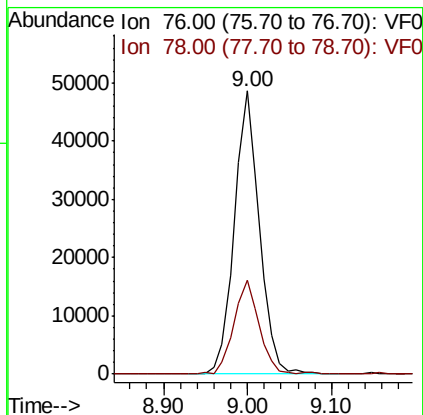
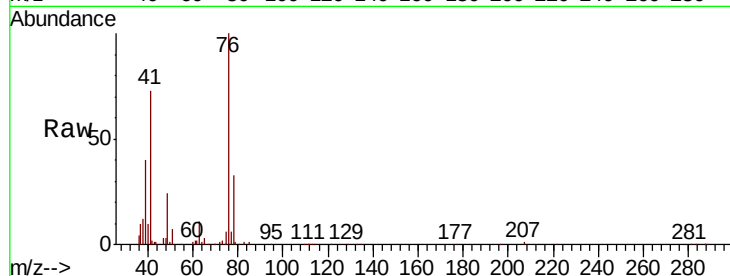
78 33.3 26.6 40.0

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#58

2-Chloroethyl Vinyl ether

Concen: 353.124 ug/l

RT: 7.78 min Scan# 725

Delta R.T. 0.00 min

Lab File: VF060508.D

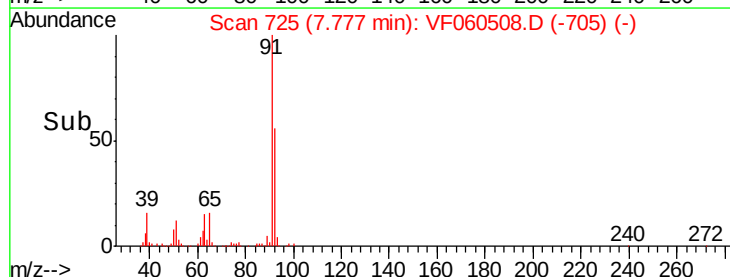
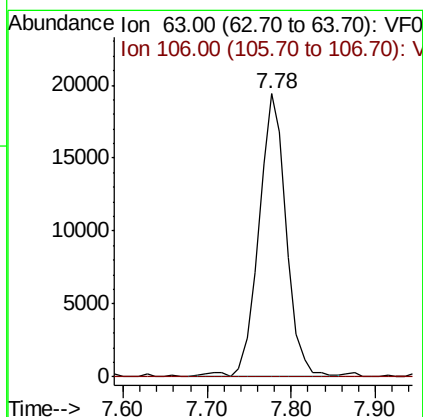
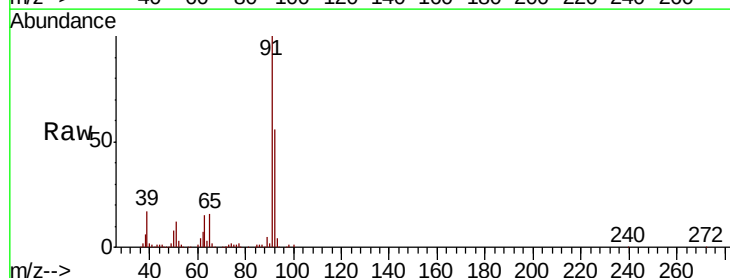
Acq: 25 Oct 2018 15:33

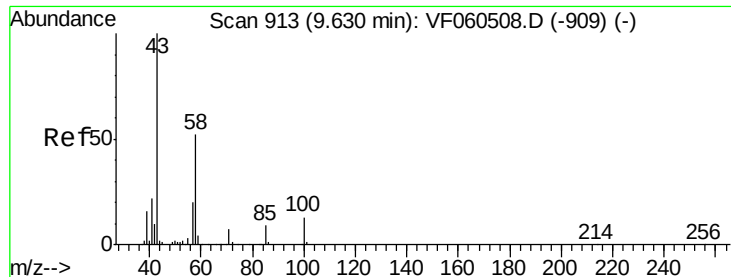
Tgt Ion: 63 Resp: 44552

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





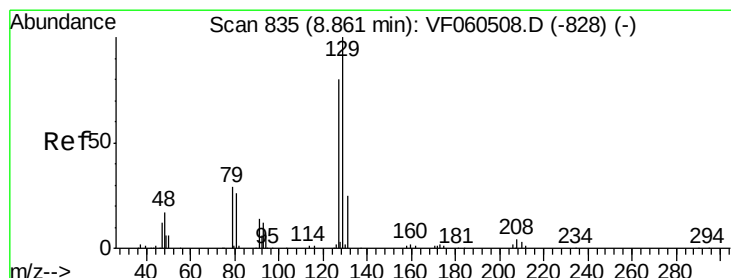
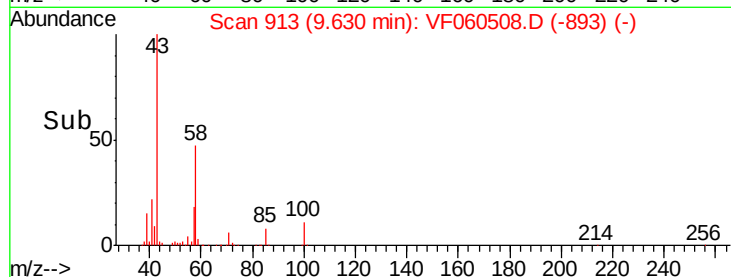
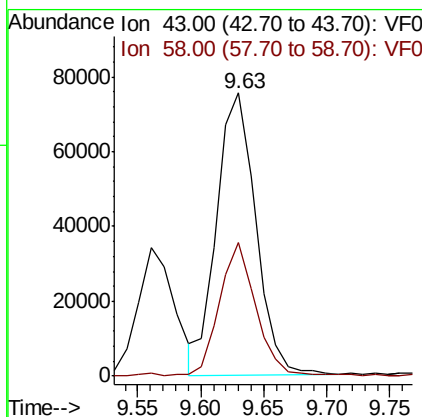
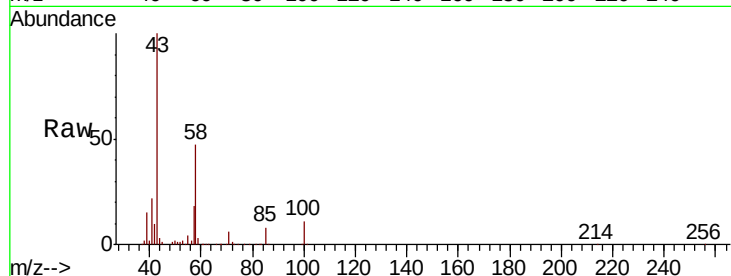
#59
2-Hexanone
Concen: 269.248 ug/l
RT: 9.63 min Scan# 913
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.0	23.5	70.5

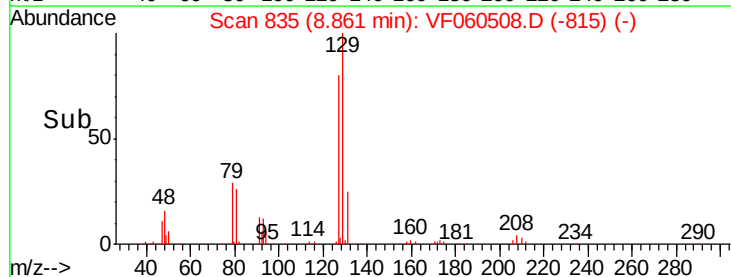
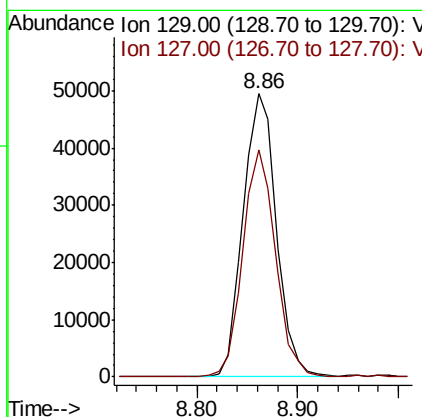
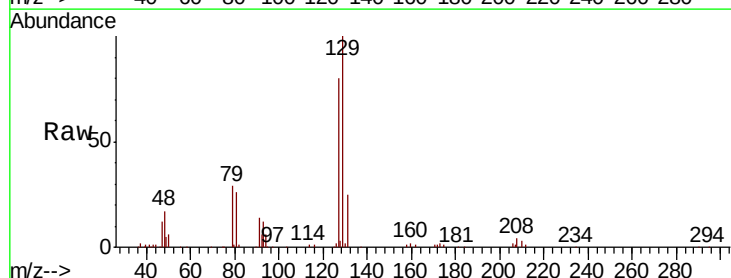
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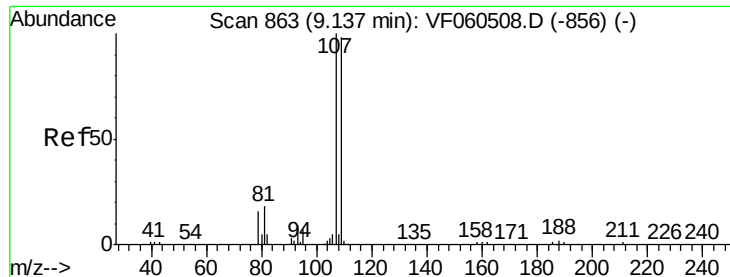
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#60
Dibromochloromethane
Concen: 67.740 ug/l
RT: 8.86 min Scan# 835
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
129	100		
127	80.3	40.2	120.5





#61

1,2-Dibromoethane

Concen: 59.184 ug/l

RT: 9.14 min Scan# 863

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 71757

Ion Ratio Lower Upper

107 100

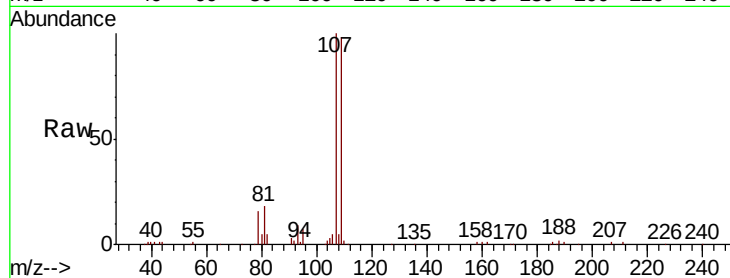
109 98.3 78.6 118.0

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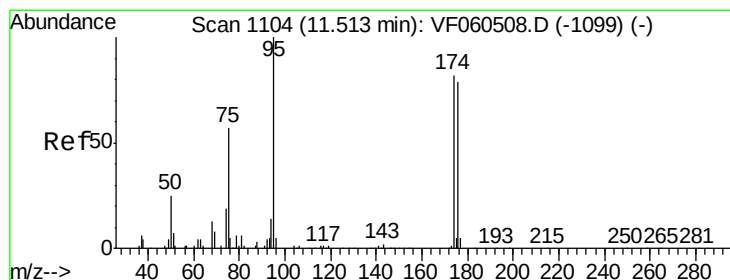
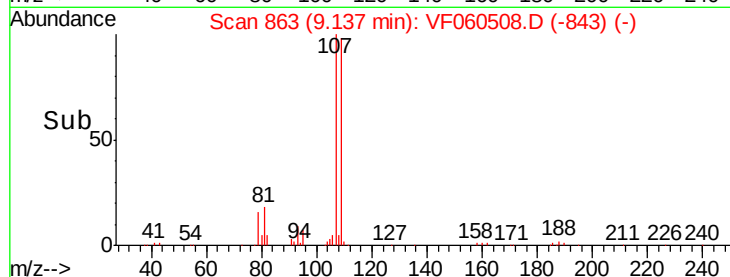
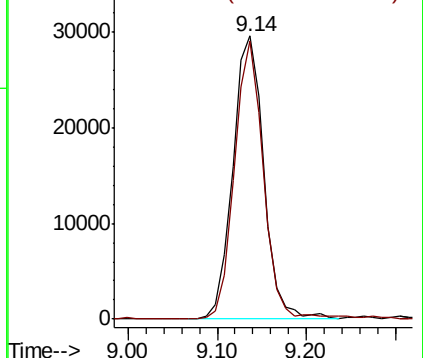
apatel

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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 68.294 ug/l

RT: 11.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

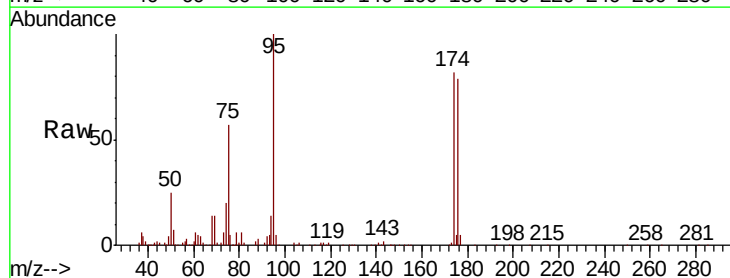
Tgt Ion: 95 Resp: 153894

Ion Ratio Lower Upper

95 100

174 82.1 0.0 164.2

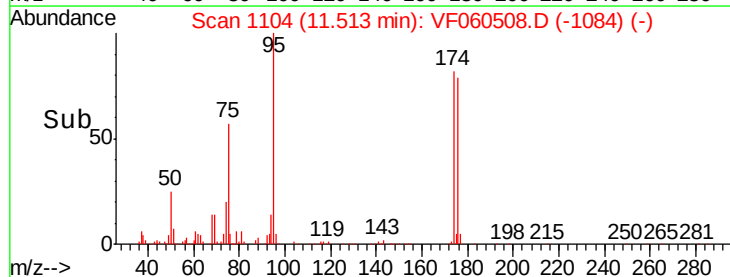
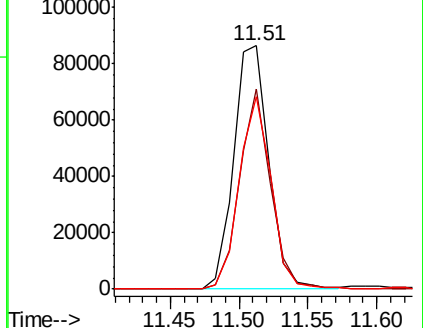
176 79.2 0.0 158.4

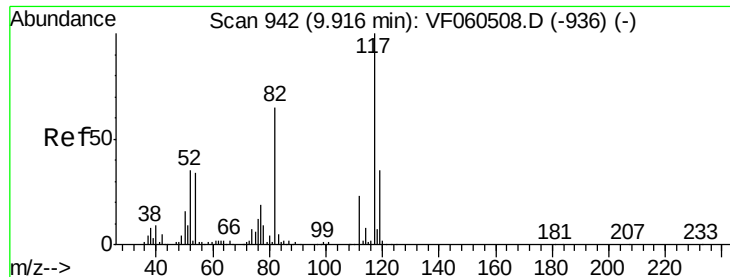


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





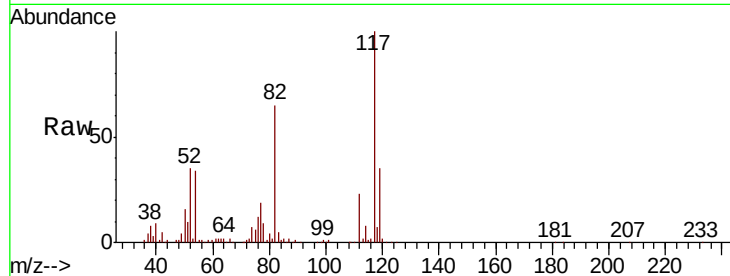
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.6	51.7	77.5
119	35.4	28.3	42.5

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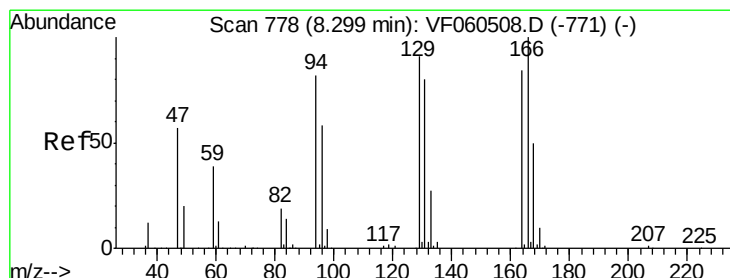
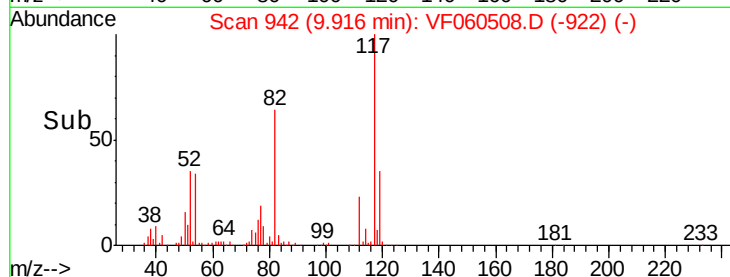
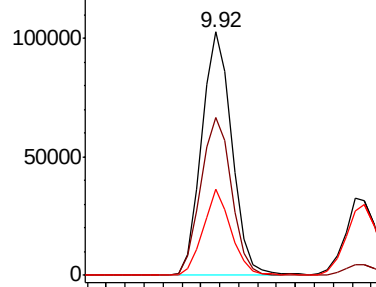


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#64
Tetrachloroethene
Concen: 48.412 ug/l
RT: 8.30 min Scan# 778
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.9	95.1	142.7
129	107.9	86.3	129.5
131	95.6	76.5	114.7

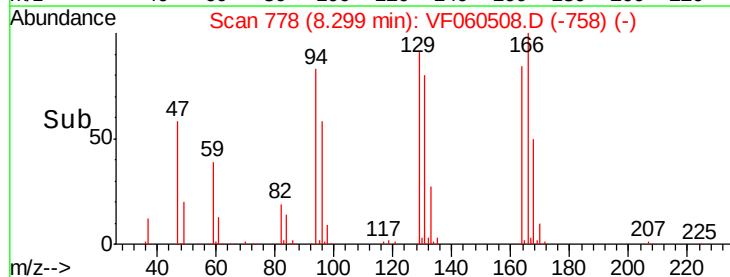
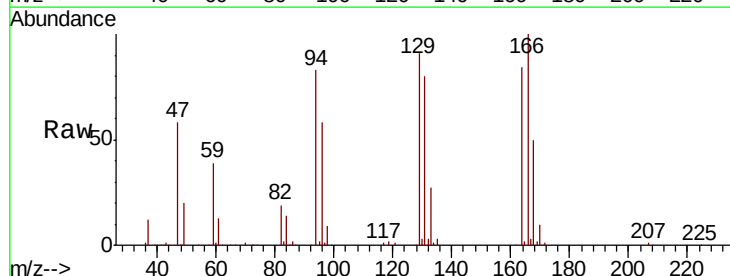
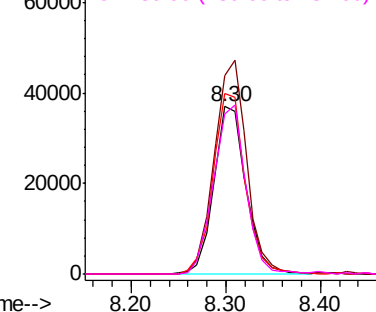
Abundance

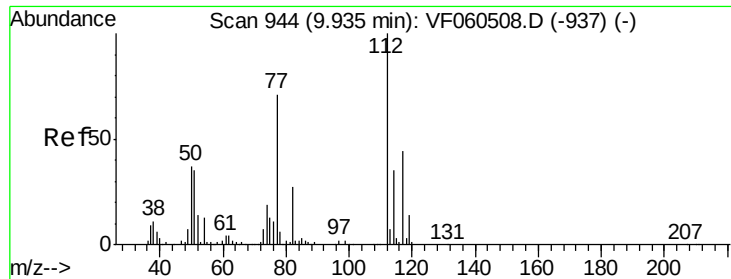
Ion 163.85 (163.55 to 164.55): V

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





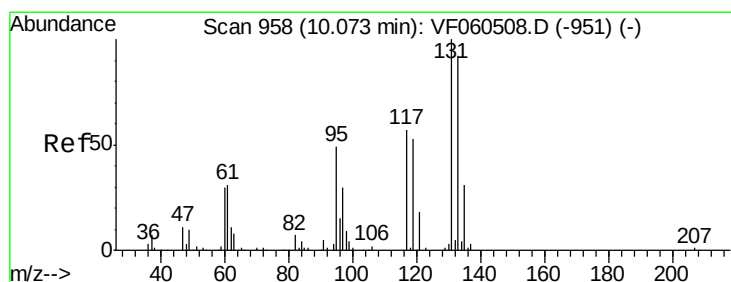
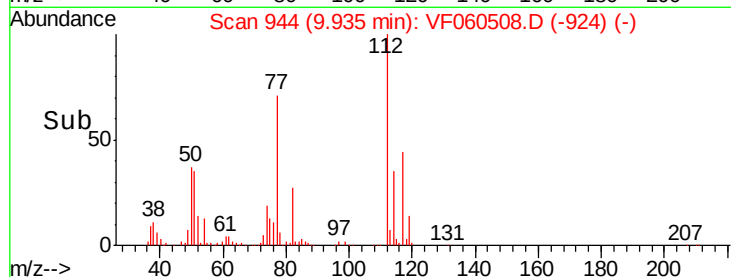
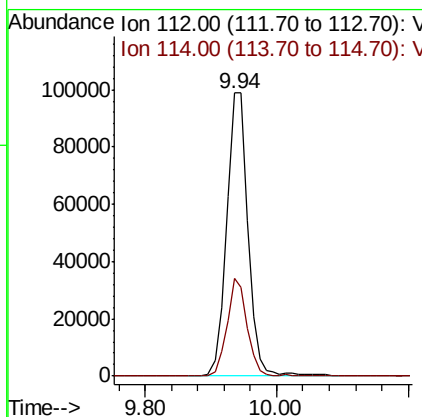
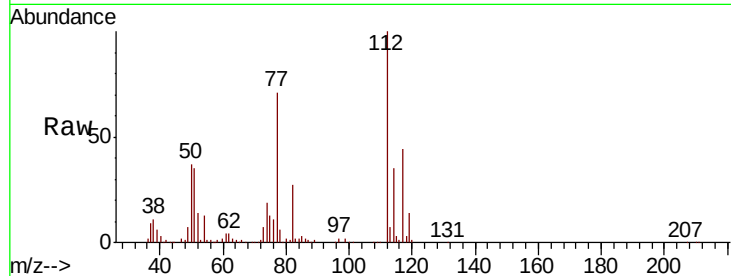
#65
Chlorobenzene
Concen: 51.077 ug/l
RT: 9.94 min Scan# 944
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.6	27.7	41.5

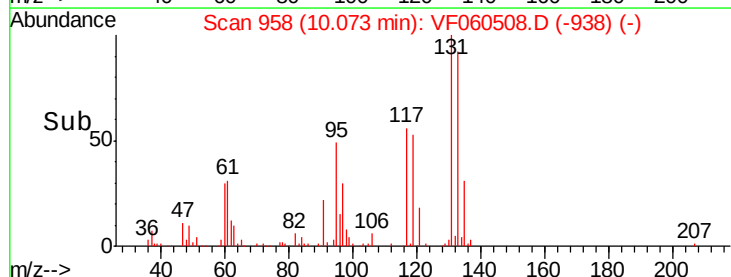
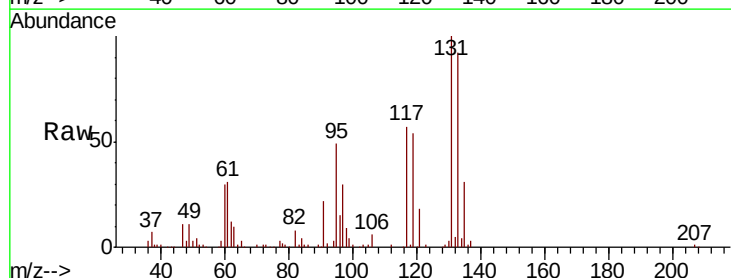
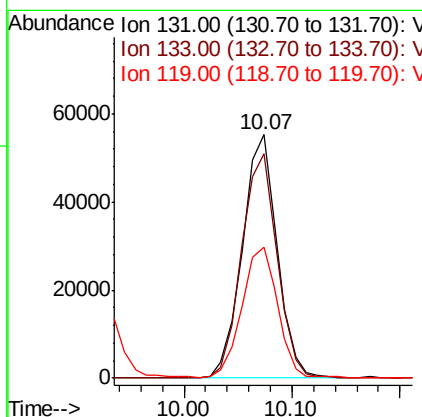
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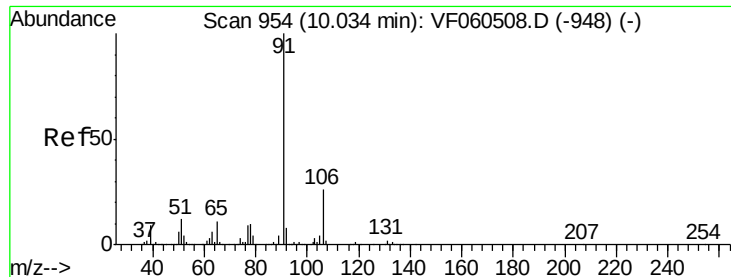
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#66
1,1,1,2-Tetrachloroethane
Concen: 61.948 ug/l
RT: 10.07 min Scan# 958
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.1	46.1	138.2
119	53.9	27.0	80.8





#67

Ethyl Benzene

Concen: 56.418 ug/l

RT: 10.03 min Scan# 954

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 469612

Ion Ratio Lower Upper

91 100

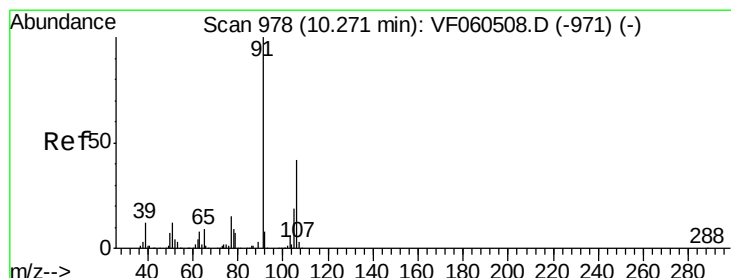
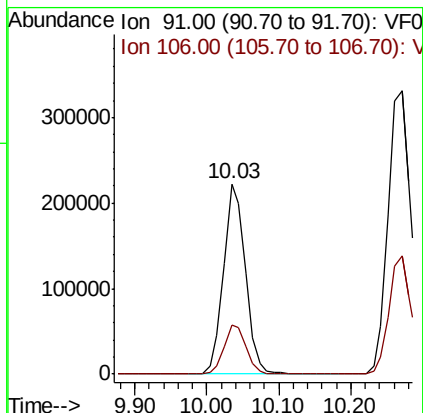
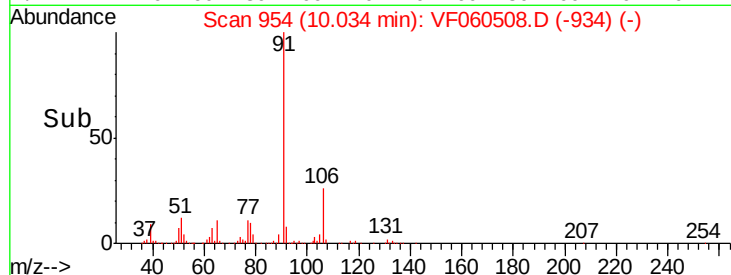
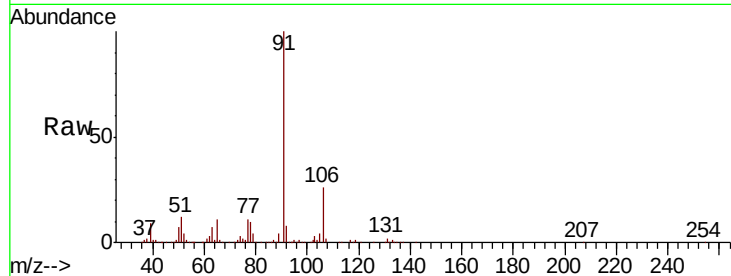
106 25.9 20.7 31.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 105.043 ug/l

RT: 10.27 min Scan# 978

Delta R.T. 0.00 min

Lab File: VF060508.D

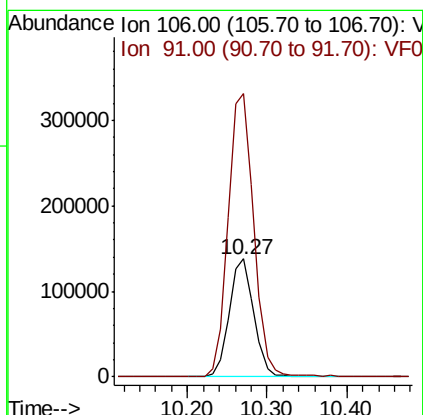
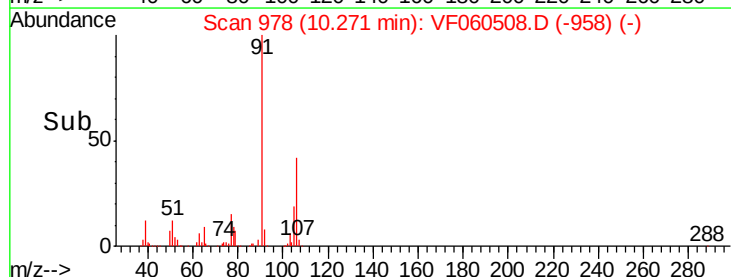
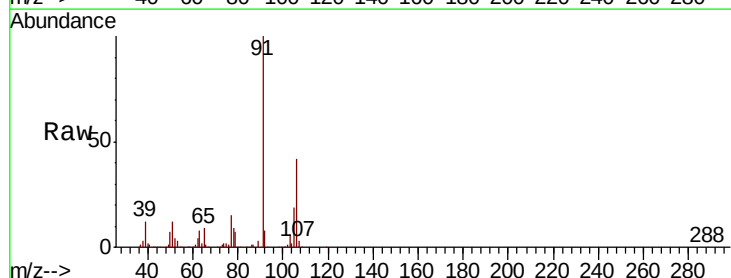
Acq: 25 Oct 2018 15:33

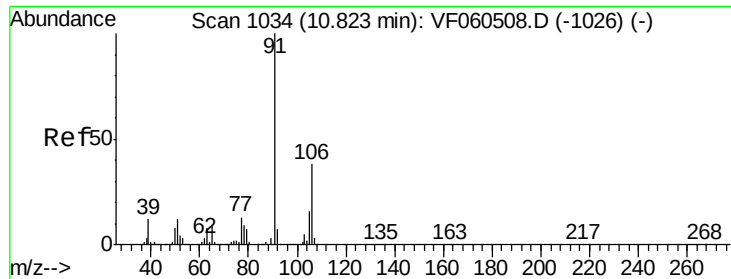
Tgt Ion: 106 Resp: 298475

Ion Ratio Lower Upper

106 100

91 240.6 192.5 288.7





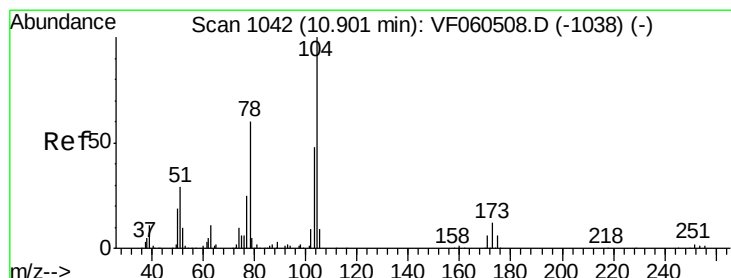
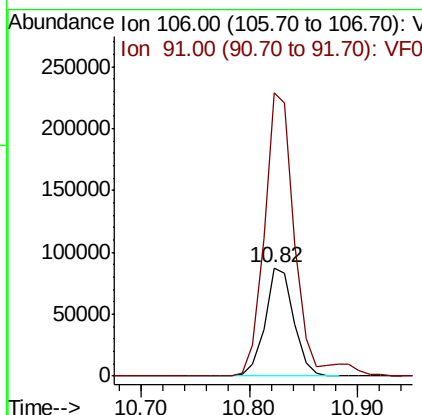
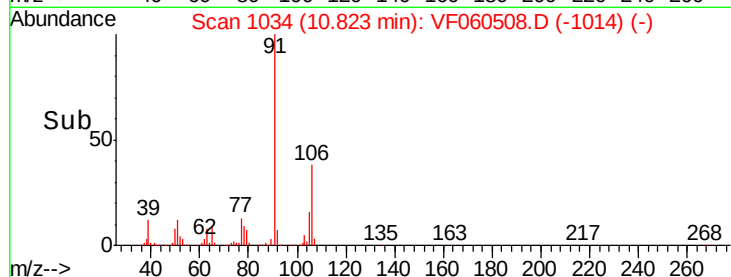
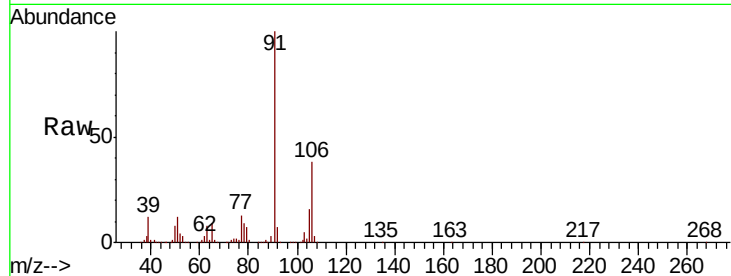
#69
o-Xylene
Concen: 52.475 ug/l
RT: 10.82 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleID :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	162152		
91	91	261.8	130.9	392.7	

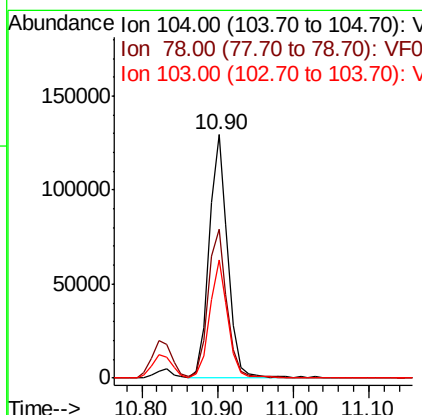
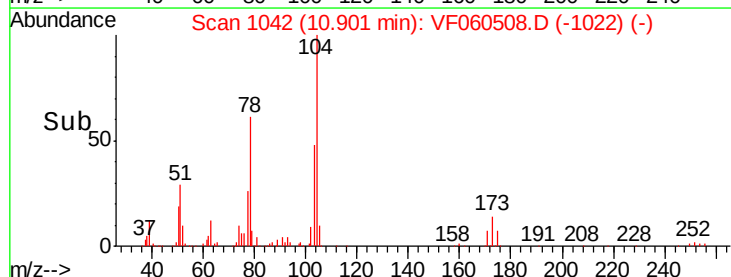
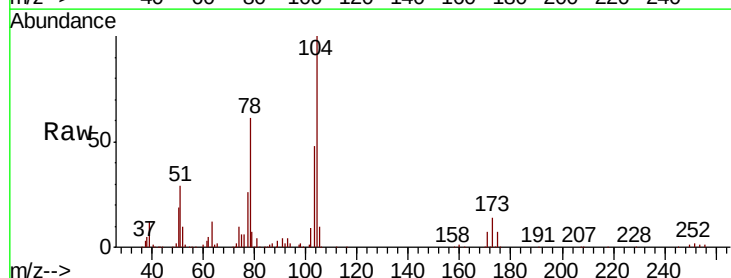
Manual Integrations
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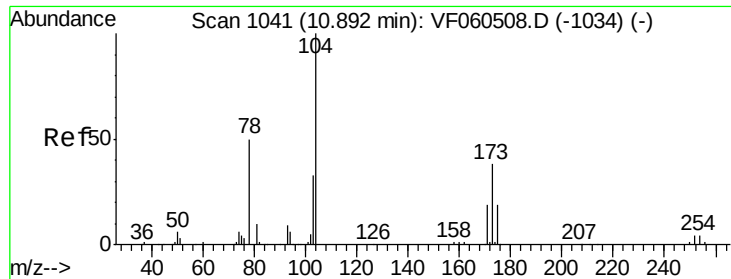
apatel
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#70
Styrene
Concen: 50.006 ug/l
RT: 10.90 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	222426		
78	78	60.9	48.7	73.1	
103	103	48.5	38.8	58.2	





#71

Bromoform

Concen: 61.728 ug/l

RT: 10.89 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 62193

Ion Ratio Lower Upper

173 100

175 51.0 25.5 76.5

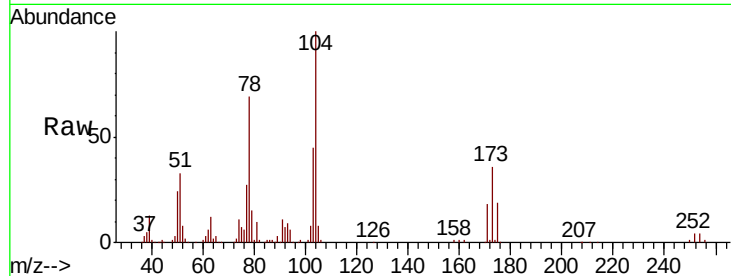
254 0.0 0.0 0.0

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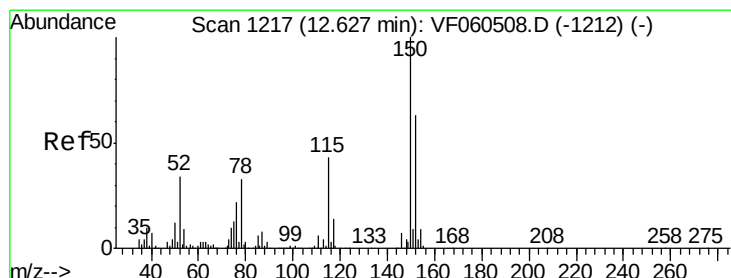
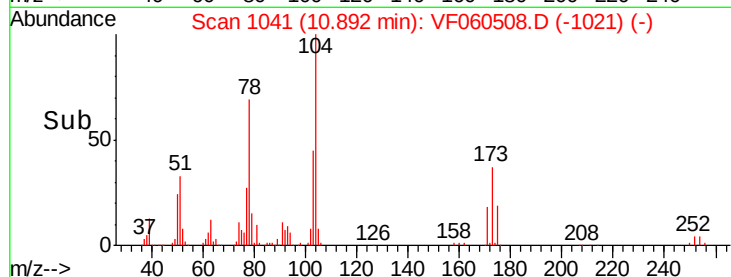
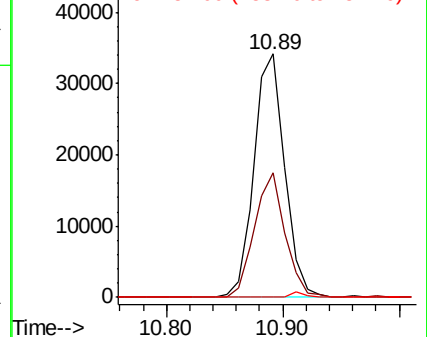


Abundance

Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

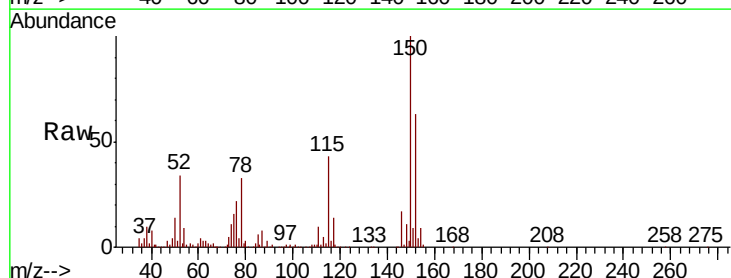
Tgt Ion:152 Resp: 154124

Ion Ratio Lower Upper

152 100

115 69.3 34.6 103.9

150 159.9 0.0 319.8

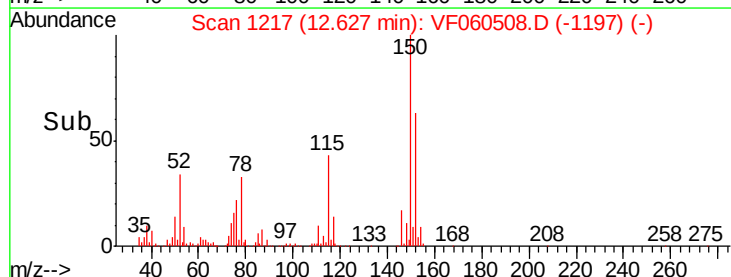
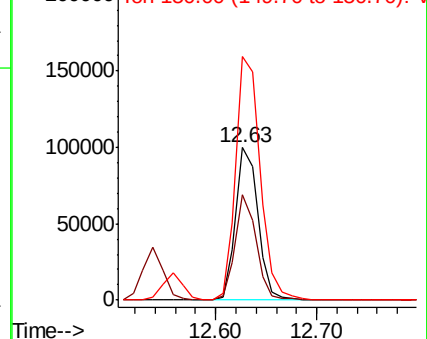


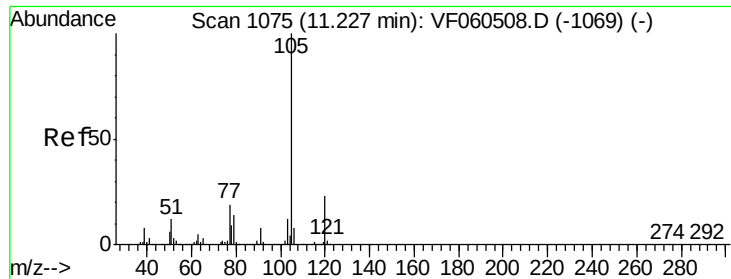
Abundance

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





#73

Isopropylbenzene

Concen: 50.182 ug/l

RT: 11.23 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 574904

Ion Ratio Lower Upper

105 100

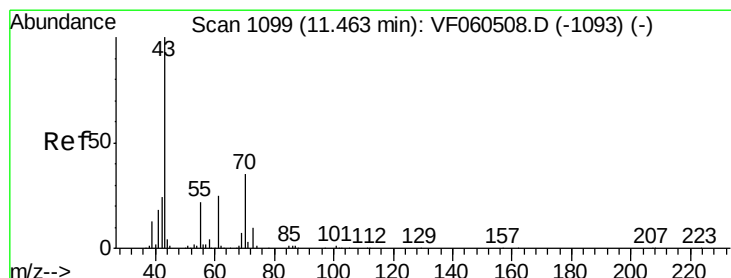
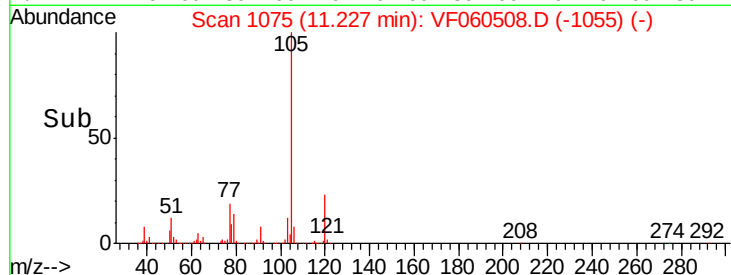
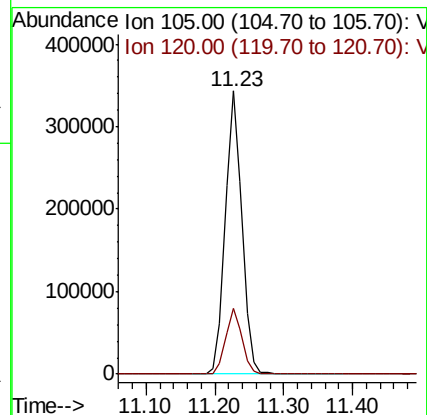
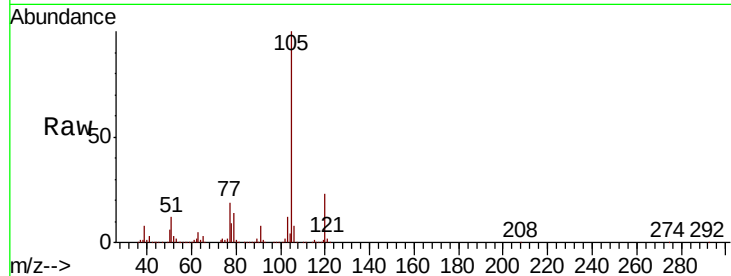
120 23.1 11.6 34.7

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#74

N-ethyl acetate

Concen: 40.151 ug/l

RT: 11.46 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Tgt Ion: 43 Resp: 100121

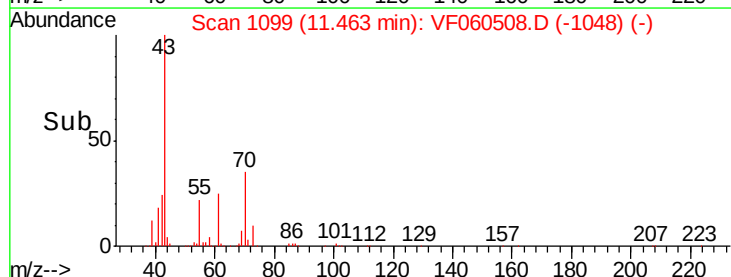
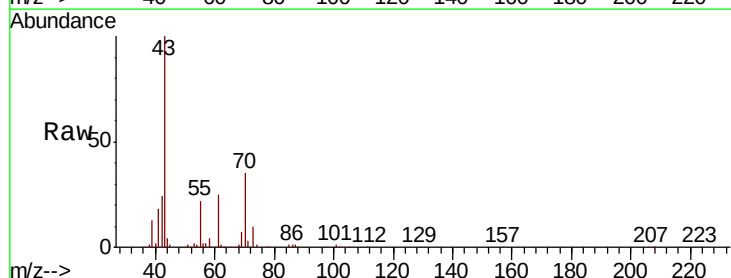
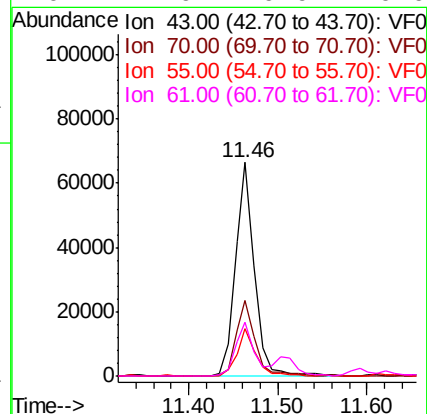
Ion Ratio Lower Upper

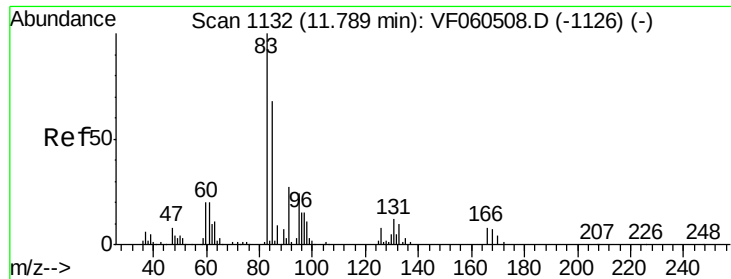
43 100

70 35.2 28.2 42.2

55 22.4 17.9 26.9

61 24.9 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 45.023 ug/l

RT: 11.79 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

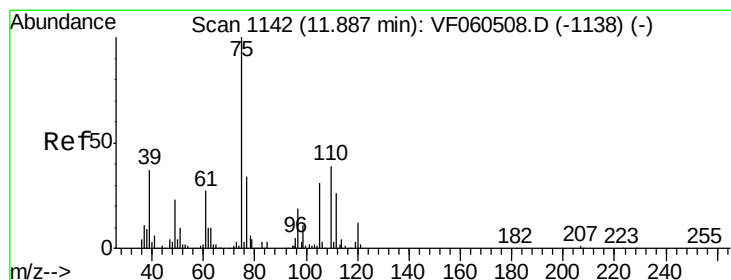
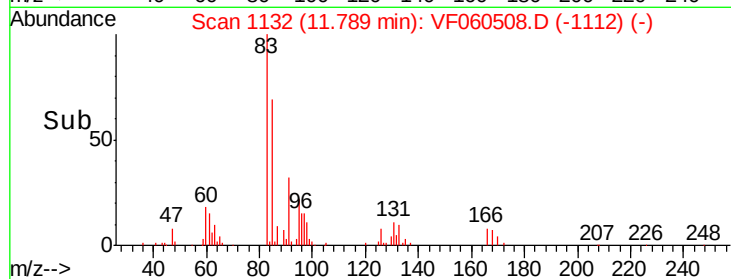
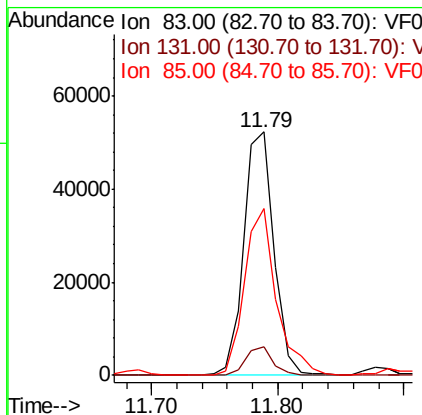
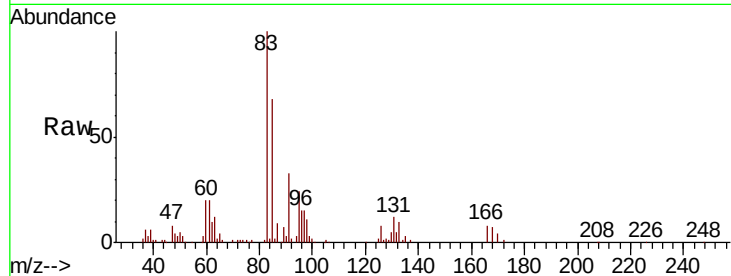
ClientSampleId :

VSTDICCC050

Tot Ion	83	Resp	86697
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.8	17.4
85	68.4	34.2	102.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.716 ug/l

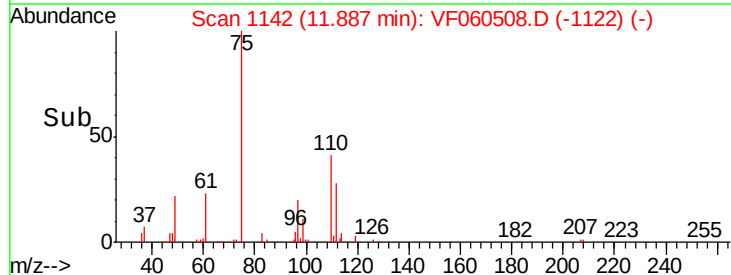
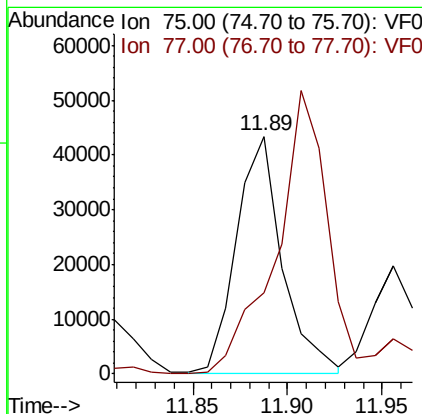
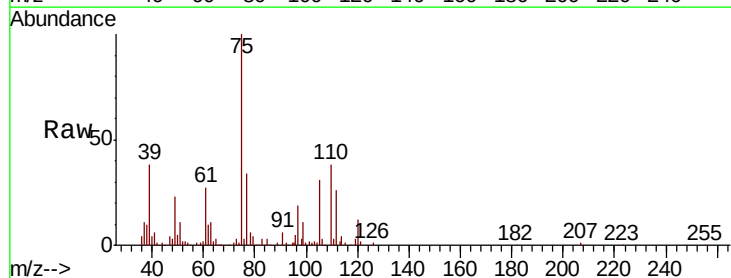
RT: 11.89 min Scan# 1142

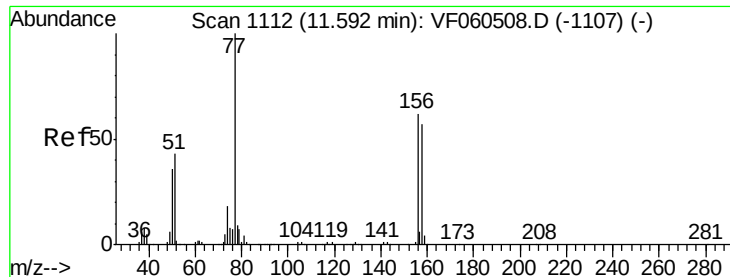
Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Tgt Ion	75	Resp	72519
Ion Ratio	Lower	Upper	
75	100		
77	34.3	17.2	51.5





#77

Bromobenzene

Concen: 46.903 ug/l

RT: 11.59 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

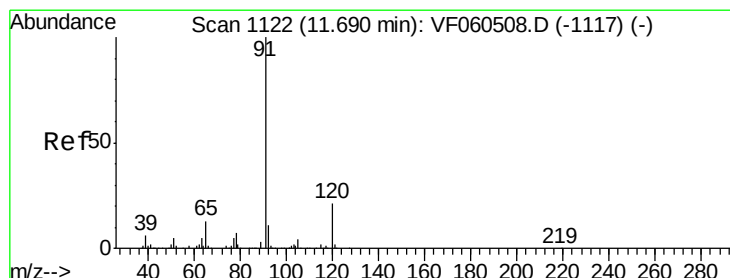
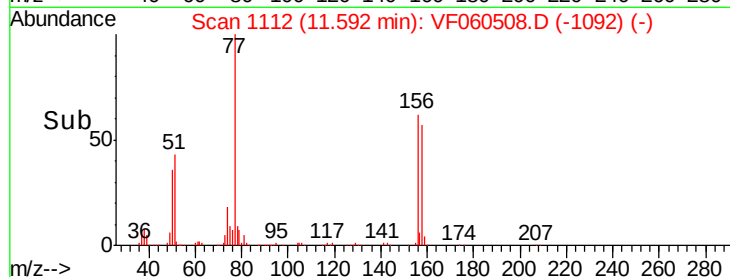
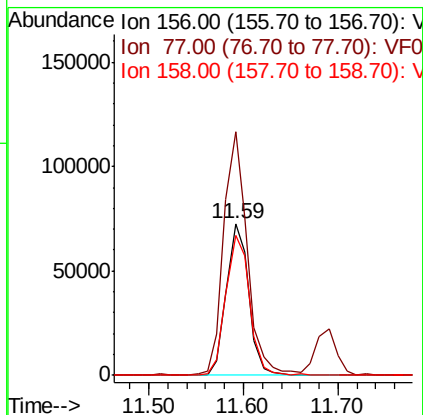
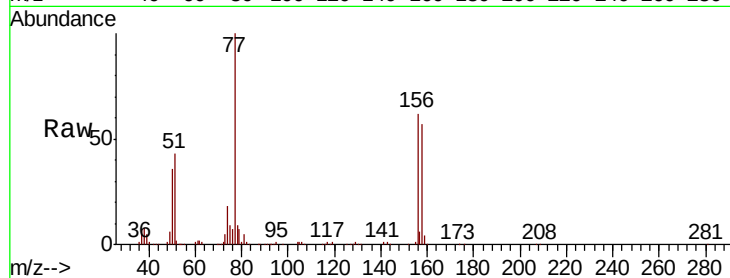
ClientSampleId :

VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		119414		
77	160.2		80.1	240.3	
158	91.7		45.9	137.6	

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#78

n-propylbenzene

Concen: 49.886 ug/l

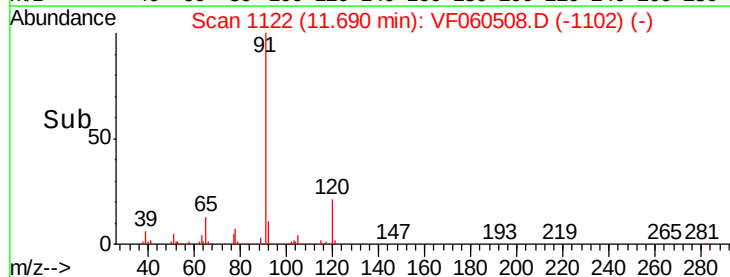
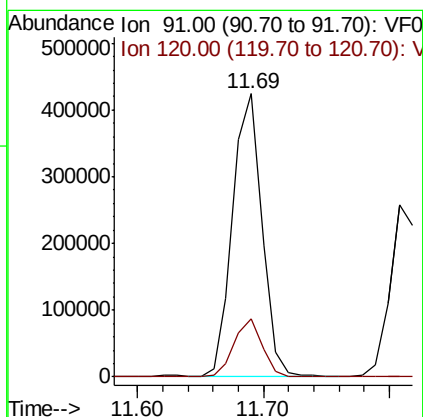
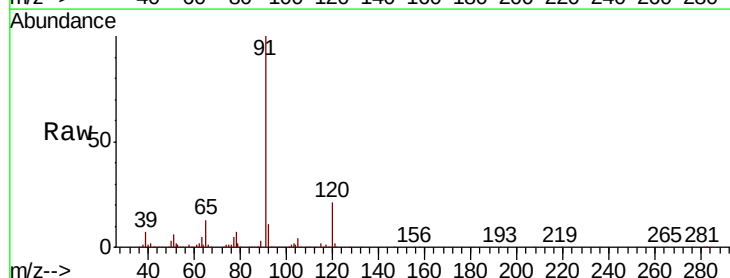
RT: 11.69 min Scan# 1122

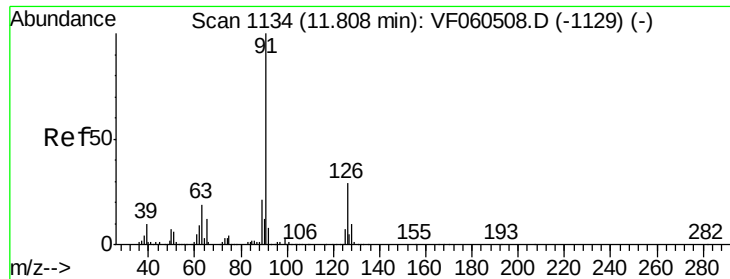
Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		680677		
120	20.6		10.3	30.9	





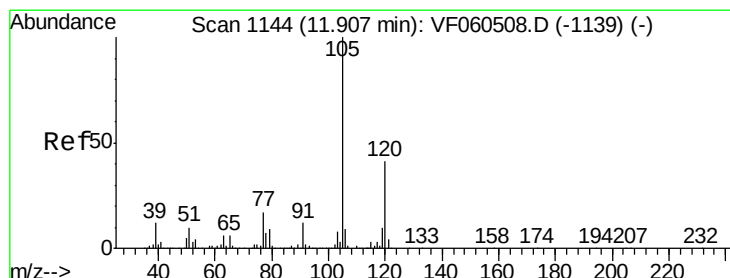
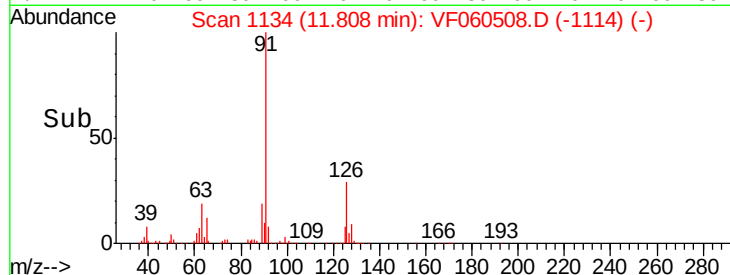
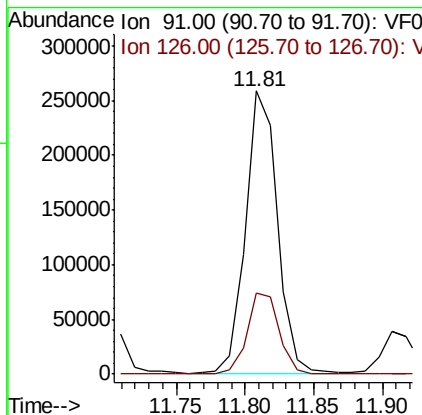
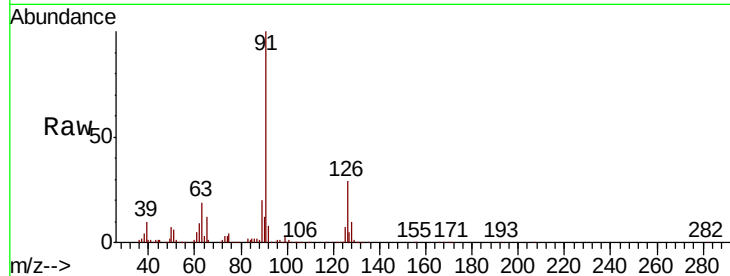
#79
 2-Chlorotoluene
 Concen: 52.001 ug/l
 RT: 11.81 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: VF060508.D
 Acq: 25 Oct 2018 15:33

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.4	43.2

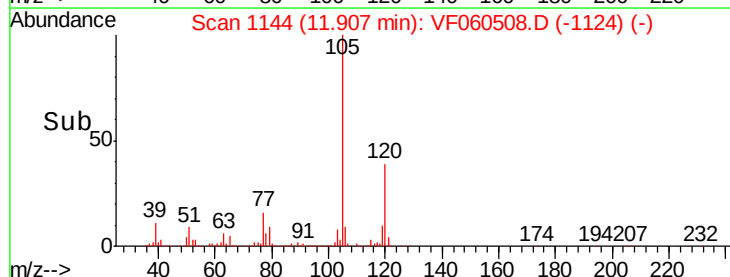
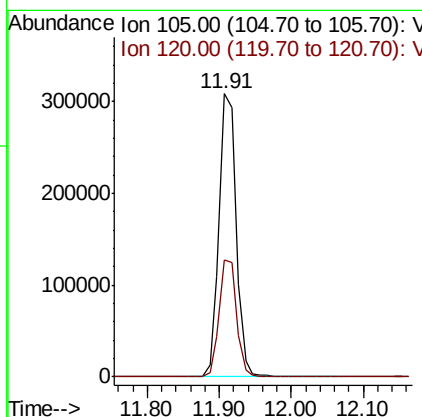
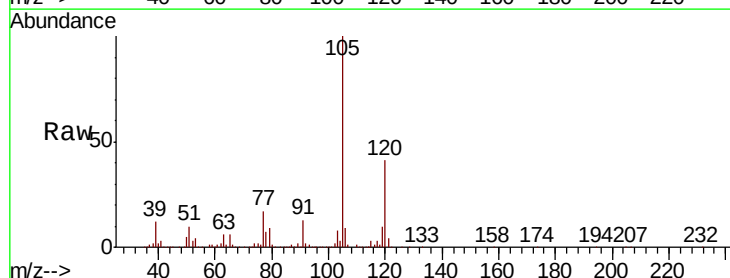
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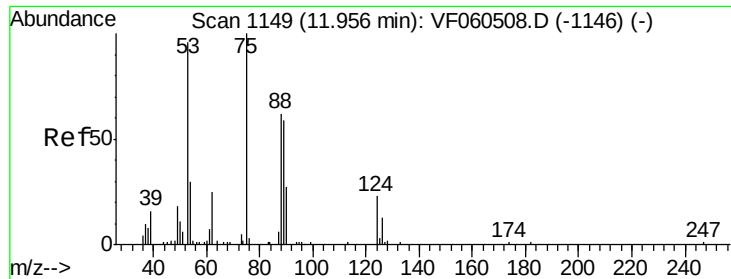
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.622 ug/l
 RT: 11.91 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VF060508.D
 Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.3	20.6	61.9





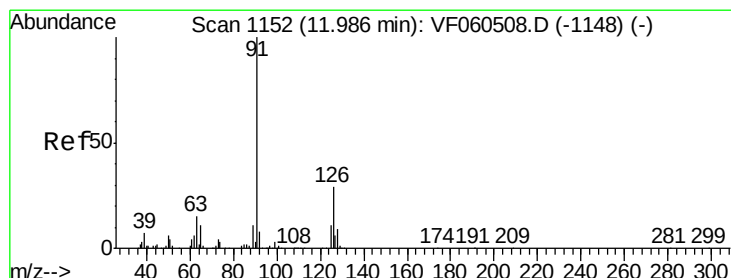
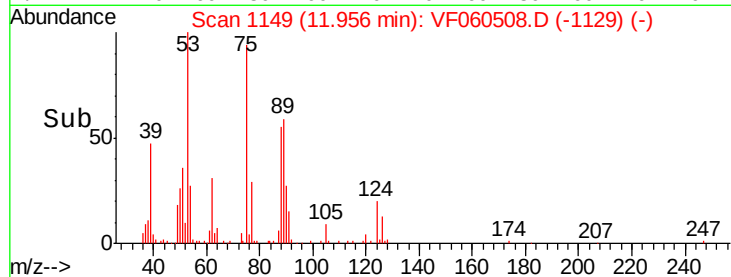
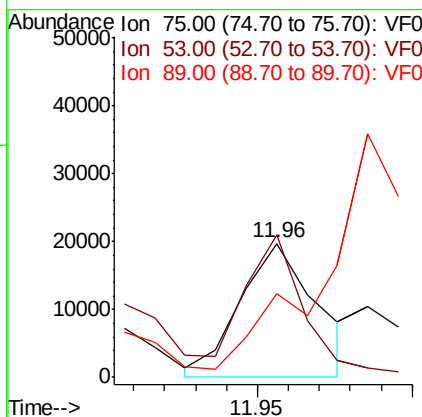
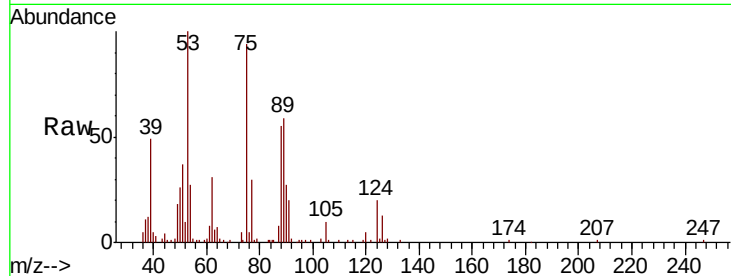
#81
trans-1,4-Dichloro-2-butene
Concen: 51.936 ug/l
RT: 11.96 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.3	85.0	127.6
89	62.8	50.2	75.4

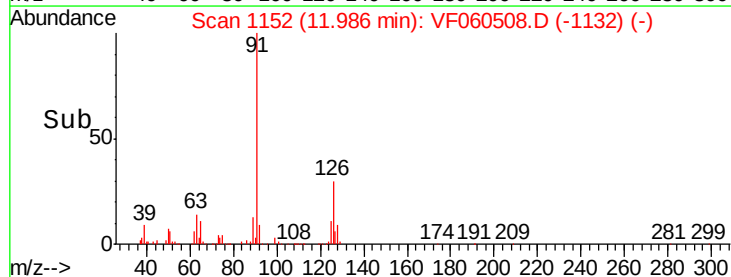
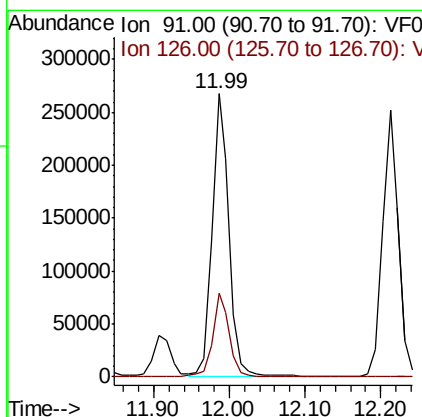
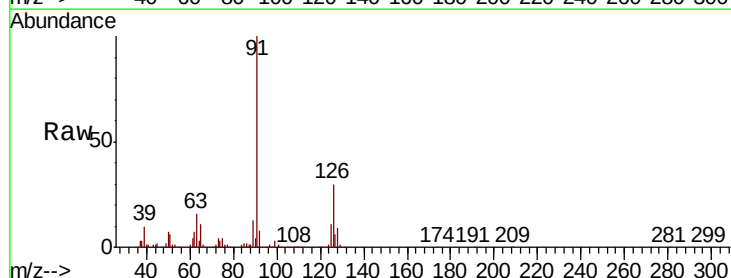
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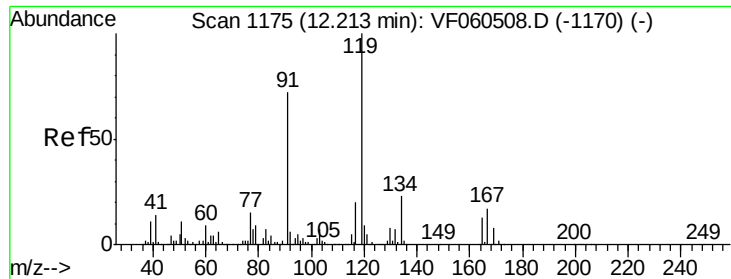
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#82
4-Chlorotoluene
Concen: 50.636 ug/l
RT: 11.99 min Scan# 1152
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.8	44.4





#83

tert-Butylbenzene

Concen: 54.931 ug/l

RT: 12.21 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

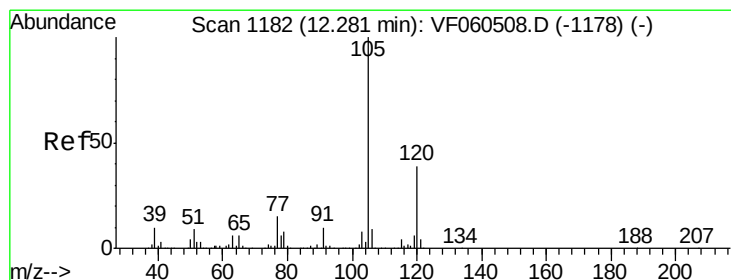
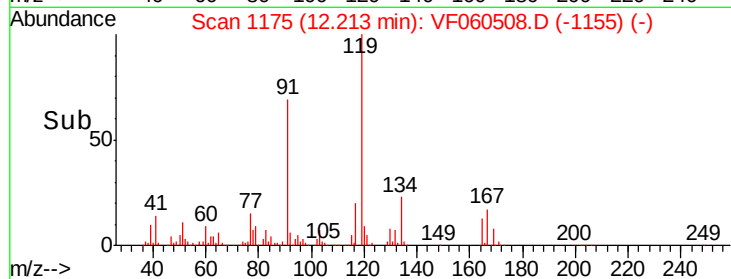
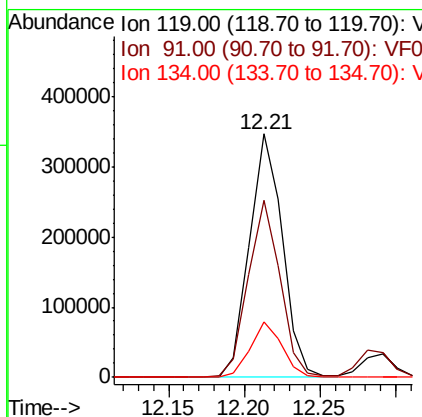
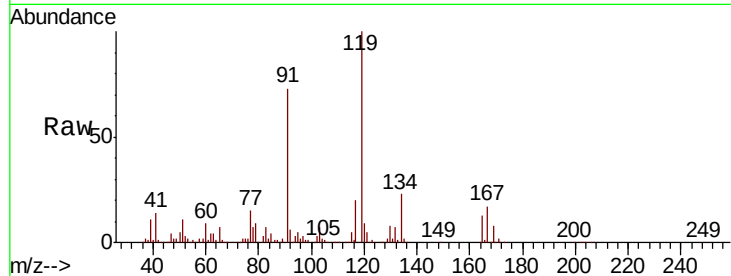
ClientSampleId :

VSTDICCC050

Tot Ion:	119	Resp:	530734
Ion Ratio	Lower	Upper	
119	100		
91	72.6	36.3	108.9
134	22.8	11.4	34.2

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#84

1,2,4-Trimethylbenzene

Concen: 51.521 ug/l

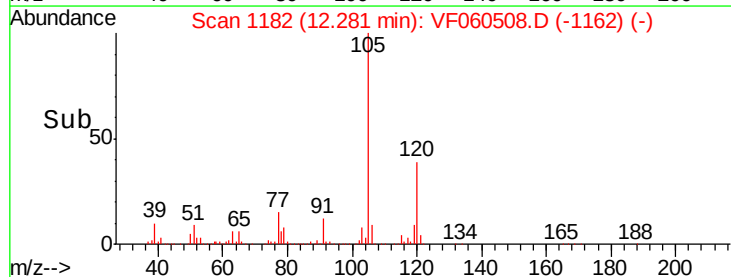
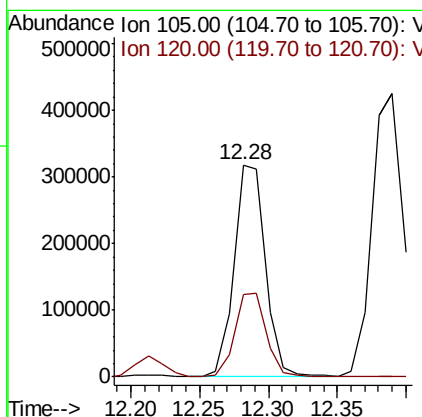
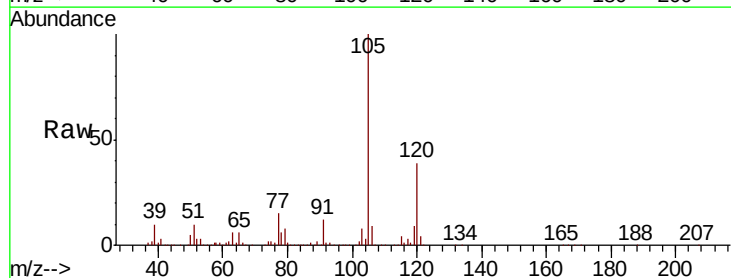
RT: 12.28 min Scan# 1182

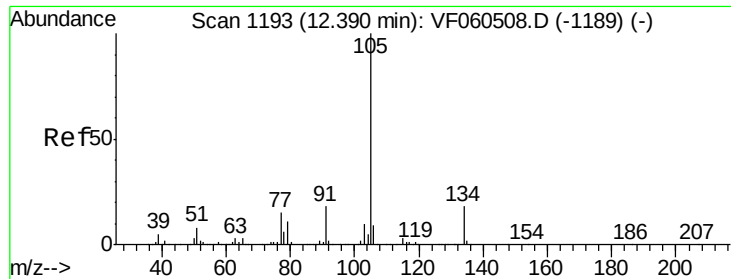
Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Tgt Ion:	105	Resp:	502739
Ion Ratio	Lower	Upper	
105	100		
120	38.7	19.4	58.1





#85

sec-Butylbenzene

Concen: 51.919 ug/l

RT: 12.39 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 680339

Ion Ratio Lower Upper

105 100

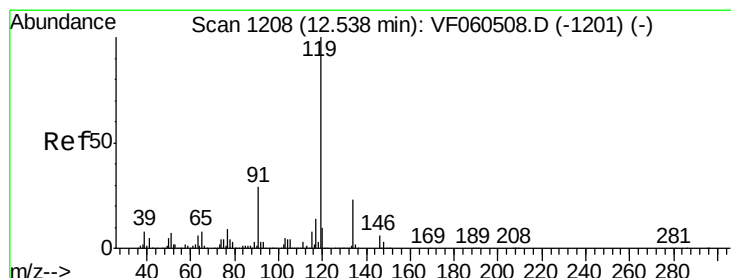
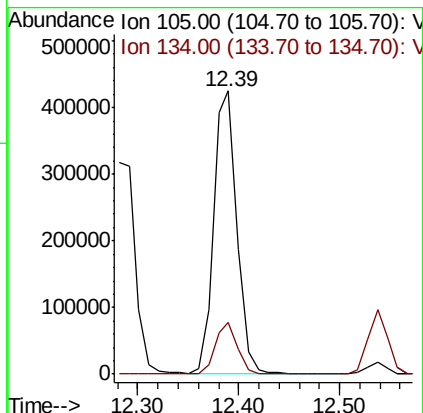
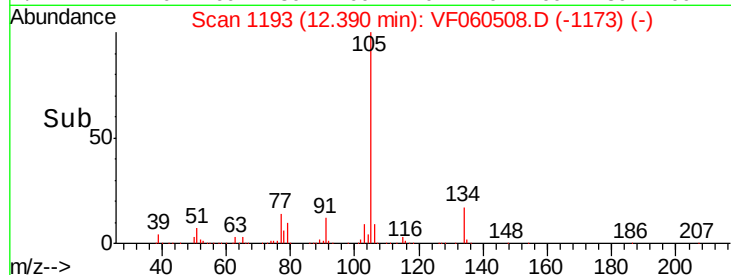
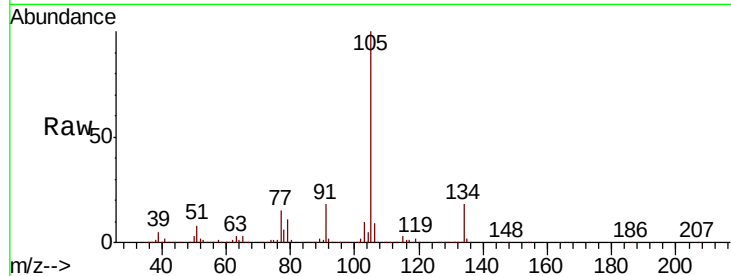
134 18.3 9.2 27.4

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#86

p-Isopropyltoluene

Concen: 54.135 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VF060508.D

Acq: 25 Oct 2018 15:33

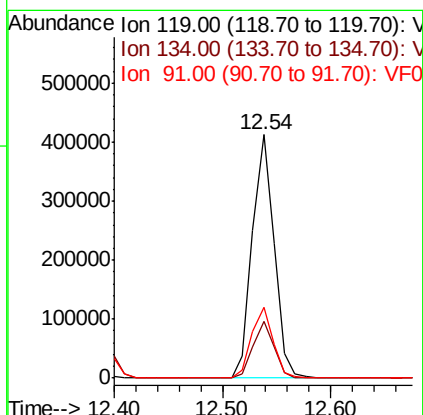
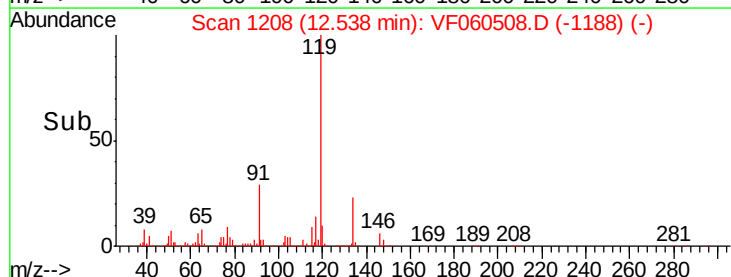
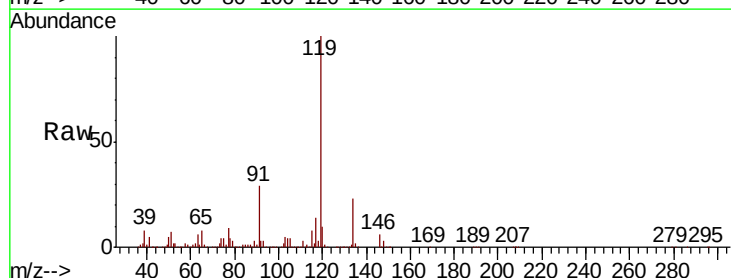
Tgt Ion:119 Resp: 582350

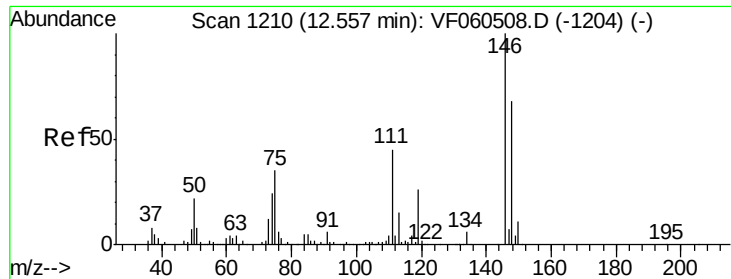
Ion Ratio Lower Upper

119 100

134 23.3 11.7 35.0

91 28.9 14.4 43.4





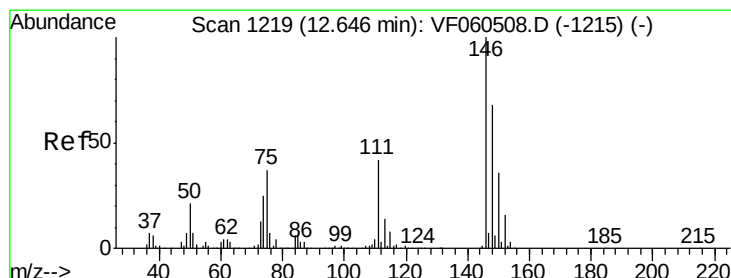
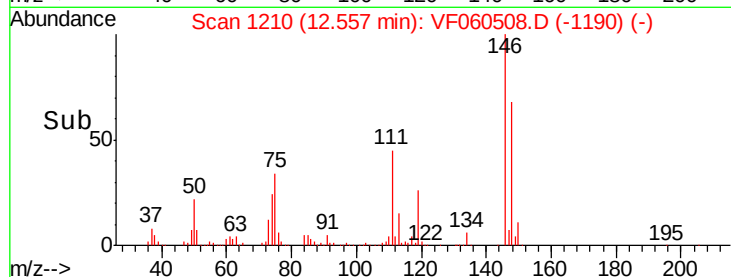
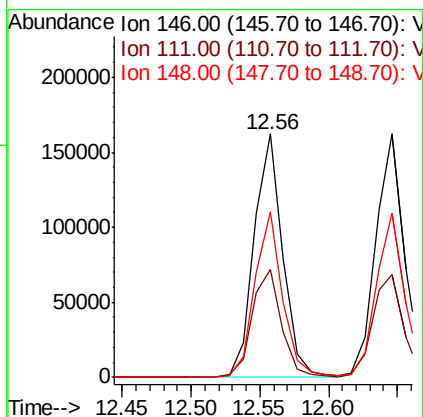
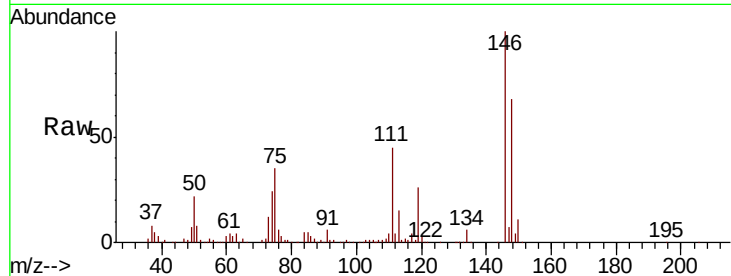
#87
 1,3-Dichlorobenzene
 Concen: 48.437 ug/l
 RT: 12.56 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: VF060508.D
 Acq: 25 Oct 2018 15:33

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.3	66.8
148	68.2	34.1	102.3

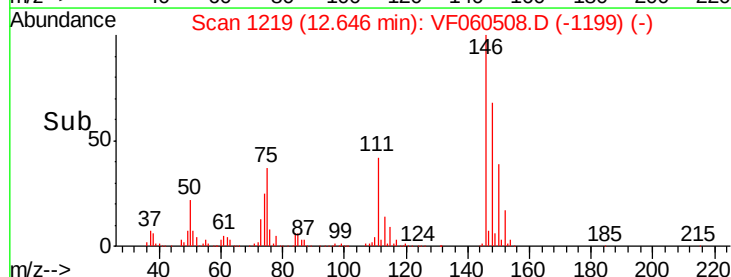
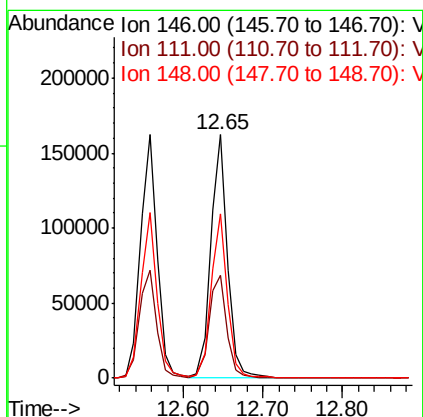
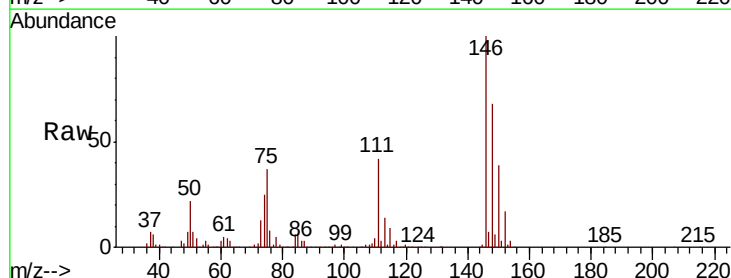
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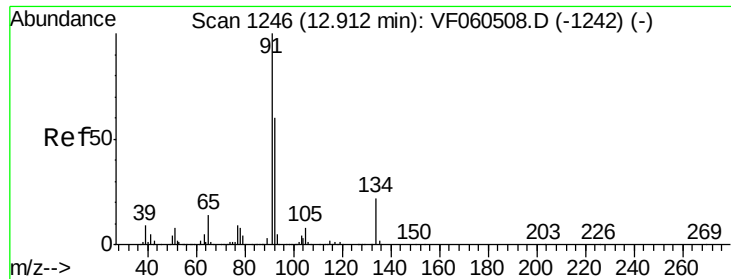
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#88
 1,4-Dichlorobenzene
 Concen: 50.653 ug/l
 RT: 12.65 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VF060508.D
 Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.3
148	67.8	33.9	101.7





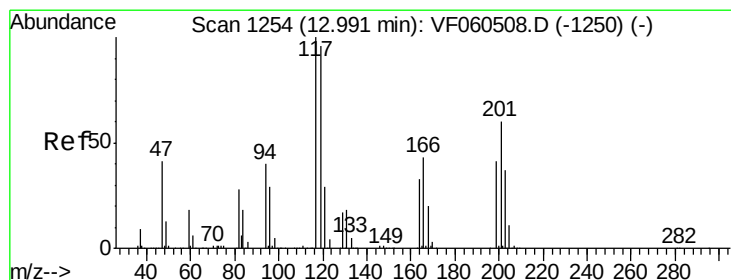
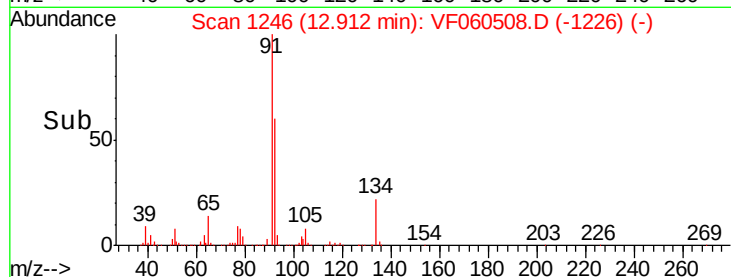
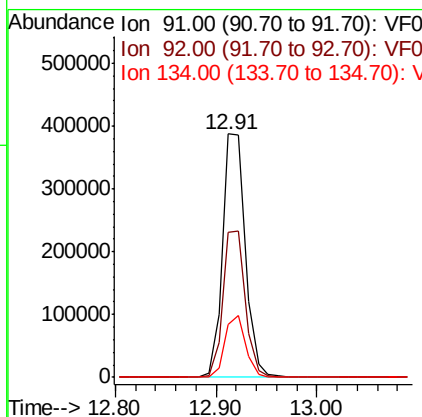
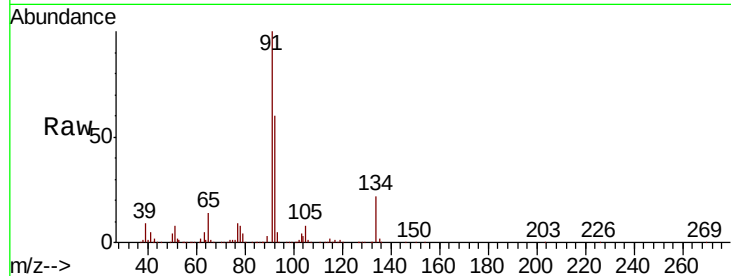
#89
n-Butylbenzene
Concen: 54.161 ug/l
RT: 12.91 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	59.5	29.8	89.3
134	21.8	10.9	32.7

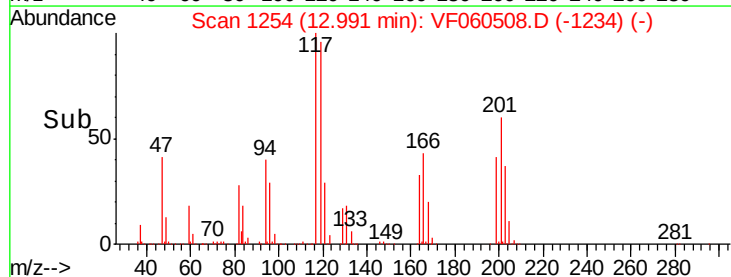
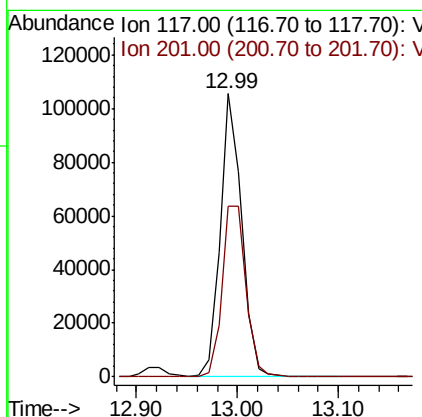
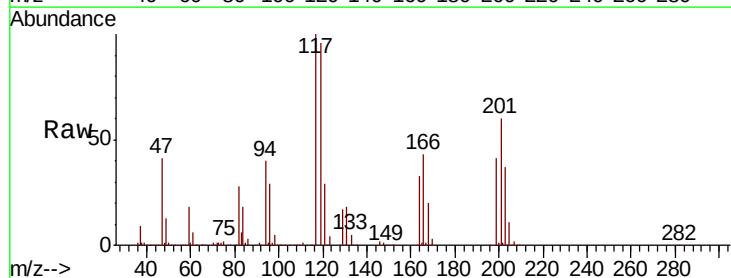
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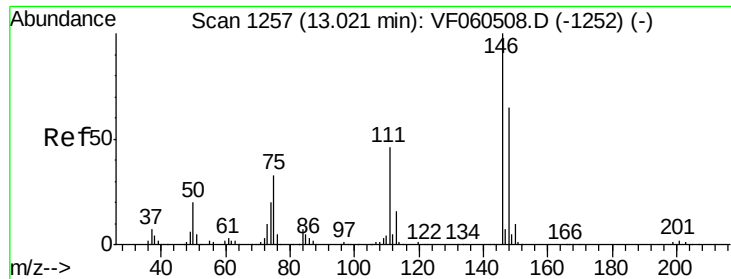
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#90
Hexachloroethane
Concen: 60.735 ug/l
RT: 12.99 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	60.3	30.1	90.5





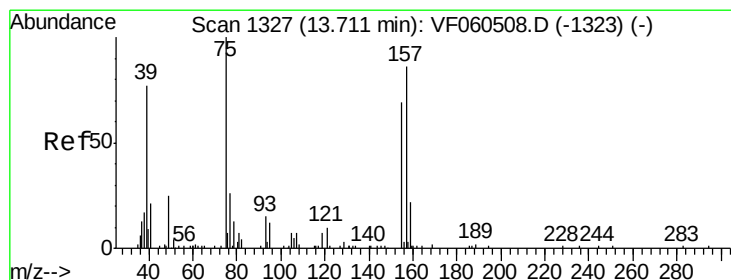
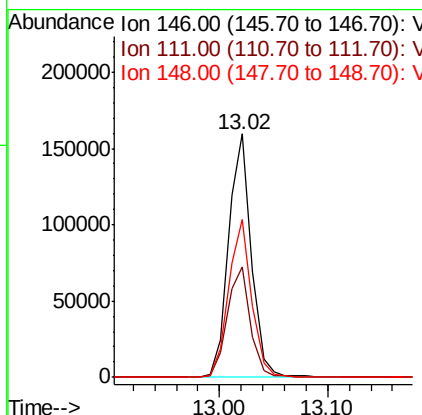
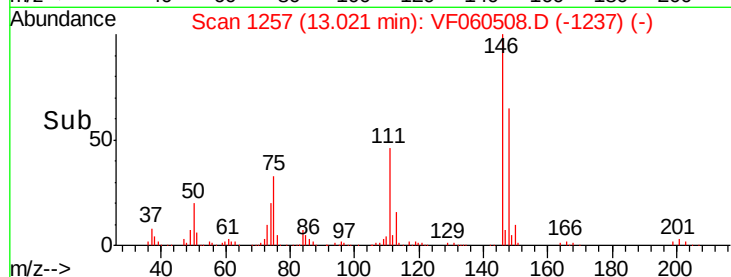
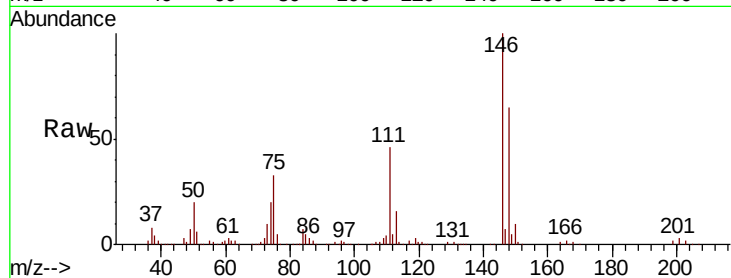
#91
 1,2-Dichlorobenzene
 Concen: 49.934 ug/l
 RT: 13.02 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VF060508.D
 Acq: 25 Oct 2018 15:33

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.8	68.4
148	64.6	32.3	96.9

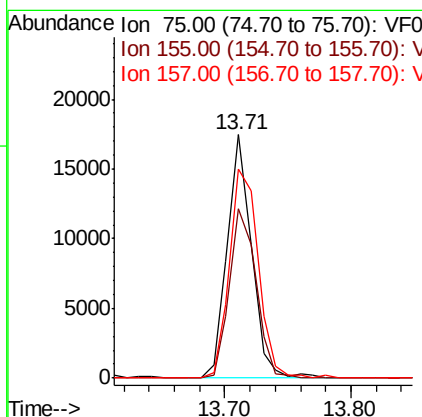
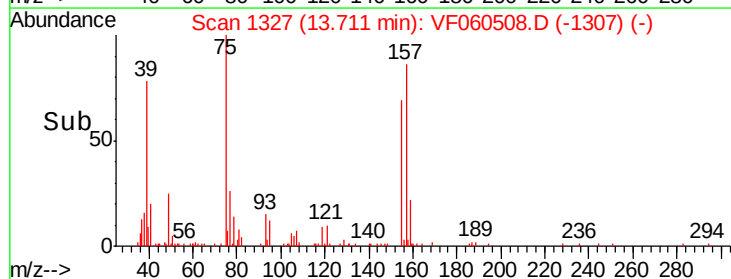
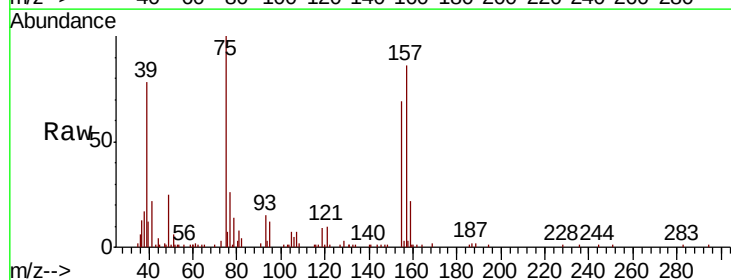
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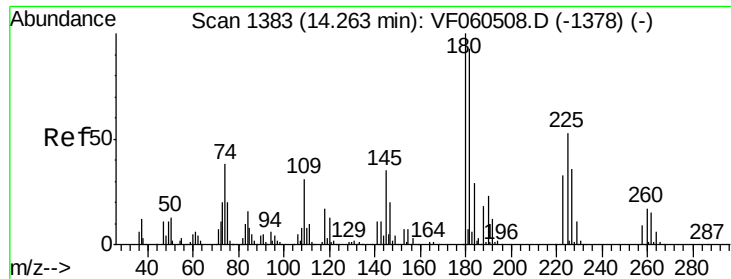
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.114 ug/l
 RT: 13.71 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VF060508.D
 Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.4	34.7	104.1
157	85.7	42.9	128.5





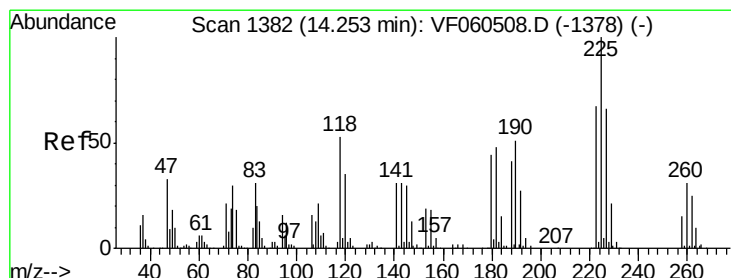
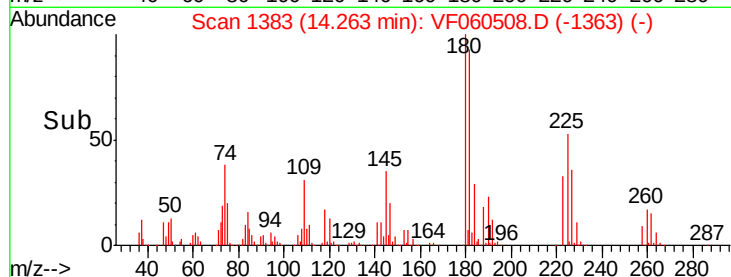
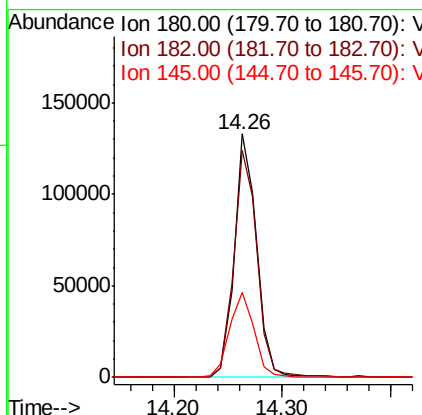
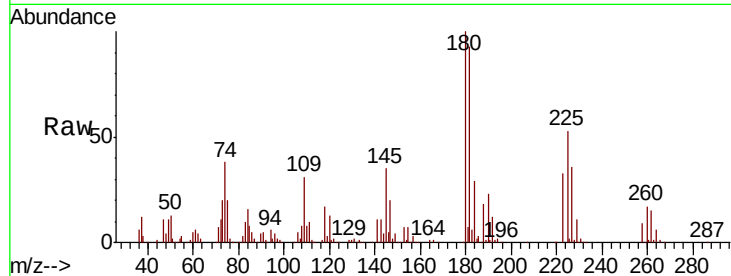
#93
 1,2,4-Trichlorobenzene
 Concen: 53.045 ug/l
 RT: 14.26 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VF060508.D
 Acq: 25 Oct 2018 15:33

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	191234		
182	93.3	46.7	140.0	
145	34.7	17.3	52.0	

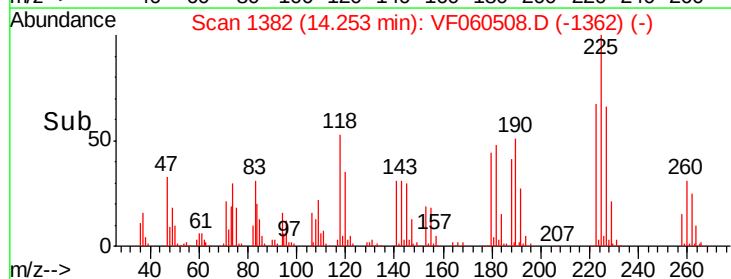
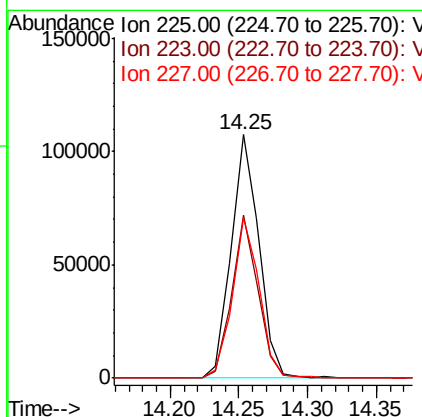
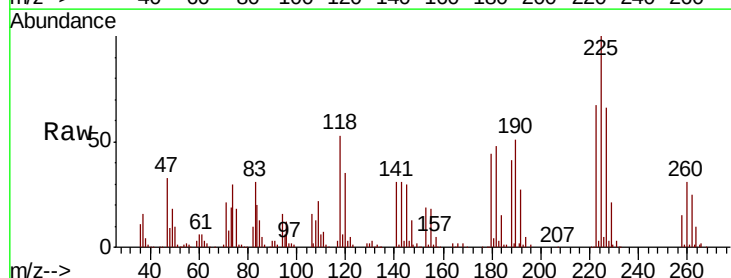
Manual Integrations
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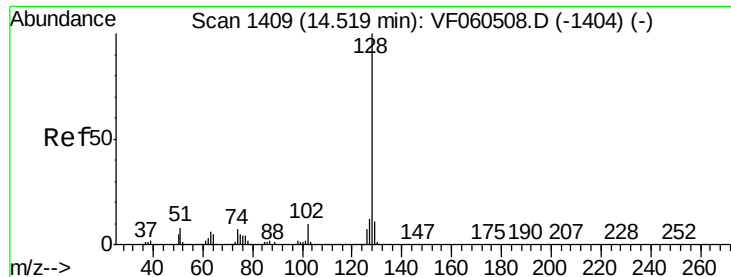
apatel
 10/26/2018 10:27:51 AM



#94
 Hexachlorobutadiene
 Concen: 61.258 ug/l
 RT: 14.25 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VF060508.D
 Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	150143		
223	66.8	33.4	100.2	
227	65.7	32.9	98.6	





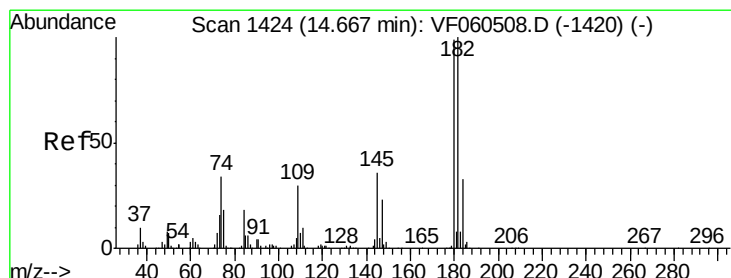
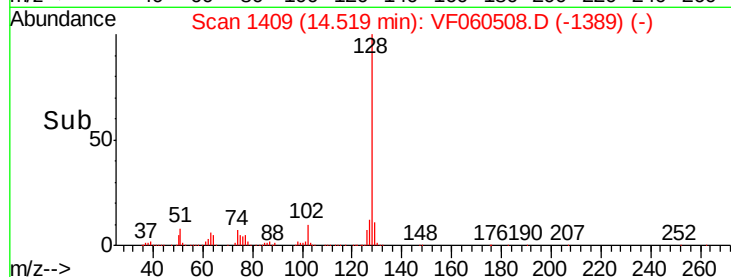
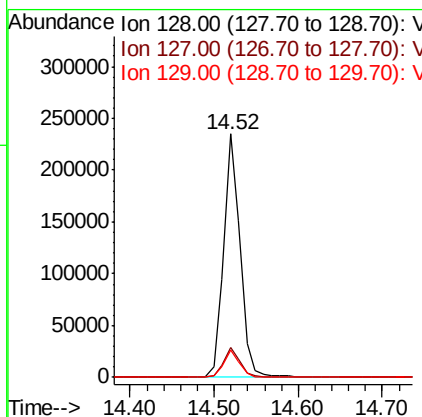
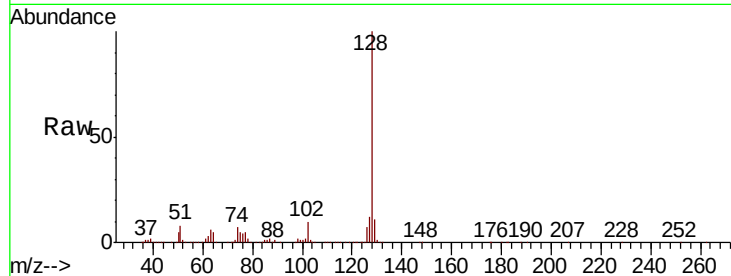
#95
Naphthalene
Concen: 51.669 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	12.5	10.0	15.0	
129	11.1	8.9	13.3	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 55.248 ug/l
RT: 14.67 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VF060508.D
Acq: 25 Oct 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	101.4	50.7	152.1	
145	36.3	18.1	54.4	

