

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060519\
 Data File : VF062862.D
 Acq On : 5 Jun 2019 13:47
 Operator : FY/SY
 Sample : VF0605SBSD01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0605SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 11:51:08 AM

Quant Time: Jun 06 08:13:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	837285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1377922	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.93	117	1144646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	527398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	320354	55.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.66%	
35) Dibromofluoromethane	4.33	113	586748	56.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.70%	
50) Toluene-d8	7.73	98	1432919	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
62) 4-Bromofluorobenzene	11.50	95	550325	58.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.20%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.01	85	228980	21.735	ug/l	98
3) Chloromethane	1.15	50	187956	21.695	ug/l	98
4) Vinyl Chloride	1.19	62	174682	20.290	ug/l	100
5) Bromomethane	1.40	94	100843	20.539	ug/l	91
6) Chloroethane	1.46	64	65445	20.332	ug/l #	87
7) Trichlorofluoromethane	1.55	101	274712	22.540	ug/l	91
8) Diethyl Ether	1.72	74	49977	20.842	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	1.92	101	176260	23.003	ug/l	97
10) Methyl Iodide	1.99	142	330407m	21.506	ug/l	
11) Tert butyl alcohol	2.71	59	33447	95.360	ug/l #	85
12) 1,1-Dichloroethene	1.88	96	148460	21.337	ug/l	100
13) Acrolein	2.11	56	14104m	95.603	ug/l	
14) Allyl chloride	2.21	41	150244	27.834	ug/l	91
15) Acrylonitrile	3.11	53	154245	117.034	ug/l	97
16) Acetone	2.36	43	123671	93.324	ug/l	92
17) Carbon Disulfide	1.92	76	443822	21.824	ug/l	97
18) Methyl Acetate	2.47	43	50315	21.728	ug/l	90
19) Methyl tert-butyl Ether	2.56	73	262830	20.850	ug/l	99
20) Methylene Chloride	2.30	84	166706m	23.541	ug/l	
21) trans-1,2-Dichloroethene	2.44	96	161028	23.082	ug/l	96
22) Diisopropyl ether	2.95	45	316959	20.668	ug/l	96
23) Vinyl Acetate	3.36	43	1133720	107.983	ug/l	100
24) 1,1-Dichloroethane	3.03	63	260749	22.772	ug/l #	97
25) 2-Butanone	4.53	43	290938	94.276	ug/l	98
26) 2,2-Dichloropropane	3.80	77	154241	23.724	ug/l	95
27) cis-1,2-Dichloroethene	3.67	96	248310	21.175	ug/l	99
28) Bromochloromethane	3.92	49	123183	19.777	ug/l	93
29) Tetrahydrofuran	4.28	42	124371	105.371	ug/l	98
30) Chloroform	4.06	83	349635	21.666	ug/l	93
31) Cyclohexane	3.88	56	312761	20.175	ug/l	93
32) 1,1,1-Trichloroethane	4.31	97	221965	23.624	ug/l	95
36) 1,1-Dichloropropene	4.50	75	281174	22.166	ug/l	95
37) Ethyl Acetate	4.32	43	103780	21.402	ug/l	91
38) Carbon Tetrachloride	4.20	117	188509	21.989	ug/l	98

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jun 06 08:13:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.65	83	336363	21.305	ug/l	95
40) Benzene	4.84	78	807194	21.864	ug/l	97
41) Methacrylonitrile	4.95	41	56106	20.813	ug/l	90
42) 1,2-Dichloroethane	5.15	62	150109	21.378	ug/l	100
43) Isopropyl Acetate	7.13	43	129430	20.206	ug/l #	95
44) Trichloroethene	5.70	130	232278	22.293	ug/l	100
45) 1,2-Dichloropropane	6.43	63	198519	21.428	ug/l	94
46) Dibromomethane	6.27	93	115761	21.402	ug/l	93
47) Bromodichloromethane	6.57	83	226048	20.520	ug/l #	90
48) Methyl methacrylate	6.89	41	65359	19.798	ug/l	94
49) 1,4-Dioxane	6.89	88	16294	374.454	ug/l	94
51) 4-Methyl-2-Pentanone	8.42	43	515854	112.798	ug/l	98
52) Toluene	7.80	92	436169	21.935	ug/l	92
53) t-1,3-Dichloropropene	8.44	75	203539	22.298	ug/l	100
54) cis-1,3-Dichloropropene	7.47	75	281285	21.288	ug/l	98
55) 1,1,2-Trichloroethane	8.65	97	129479	21.796	ug/l	93
56) Ethyl methacrylate	8.77	69	141285	22.166	ug/l	97
57) 1,3-Dichloropropane	9.01	76	226120	23.309	ug/l	94
58) 2-Chloroethyl Vinyl ether	7.46	63	256779	115.270	ug/l	98
59) 2-Hexanone	9.63	43	396865	121.751	ug/l	97
60) Dibromochloromethane	8.87	129	165959	22.565	ug/l	99
61) 1,2-Dibromoethane	9.15	107	142775	23.142	ug/l	96
64) Tetrachloroethene	8.32	164	174577	19.848	ug/l	94
65) Chlorobenzene	9.95	112	488034	22.078	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.07	131	184779	20.989	ug/l	95
67) Ethyl Benzene	10.04	91	820080	21.619	ug/l	97
68) m/p-Xylenes	10.27	106	633281	43.628	ug/l	84
69) o-Xylene	10.82	106	308166	20.969	ug/l	89
70) Styrene	10.90	104	464432	21.440	ug/l	96
71) Bromoform	10.89	173	85462	20.236	ug/l #	100
73) Isopropylbenzene	11.23	105	852608	23.169	ug/l	94
74) N-amyl acetate	11.45	43	247242	23.838	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.78	83	180712	22.995	ug/l	95
76) 1,2,3-Trichloropropane	11.88	75	115243	22.123	ug/l	92
77) Bromobenzene	11.59	156	198204	21.436	ug/l	97
78) n-propylbenzene	11.68	91	1002894	22.571	ug/l	94
79) 2-Chlorotoluene	11.80	91	561656	22.091	ug/l	97
80) 1,3,5-Trimethylbenzene	11.90	105	673862	22.392	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.95	75	48211m	21.860	ug/l	
82) 4-Chlorotoluene	11.98	91	558814	22.365	ug/l	94
83) tert-Butylbenzene	12.20	119	695621	23.328	ug/l	93
84) 1,2,4-Trimethylbenzene	12.27	105	670759	23.508	ug/l	91
85) sec-Butylbenzene	12.37	105	922856	23.486	ug/l	94
86) p-Isopropyltoluene	12.53	119	781116	23.883	ug/l	96
87) 1,3-Dichlorobenzene	12.54	146	373469	22.903	ug/l	94
88) 1,4-Dichlorobenzene	12.63	146	341286	22.426	ug/l	97
89) n-Butylbenzene	12.90	91	777018	23.618	ug/l	89
90) Hexachloroethane	12.98	117	180334	22.607	ug/l	92
91) 1,2-Dichlorobenzene	13.00	146	318419	22.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.69	75	18443	21.541	ug/l	90

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VF0605SBSD01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	195860	19.902	ug/l	98
94) Hexachlorobutadiene	14.23	225	134915	19.817	ug/l	99
95) Naphthalene	14.50	128	322181	19.983	ug/l	98
96) 1,2,3-Trichlorobenzene	14.65	180	187229	20.842	ug/l	92

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

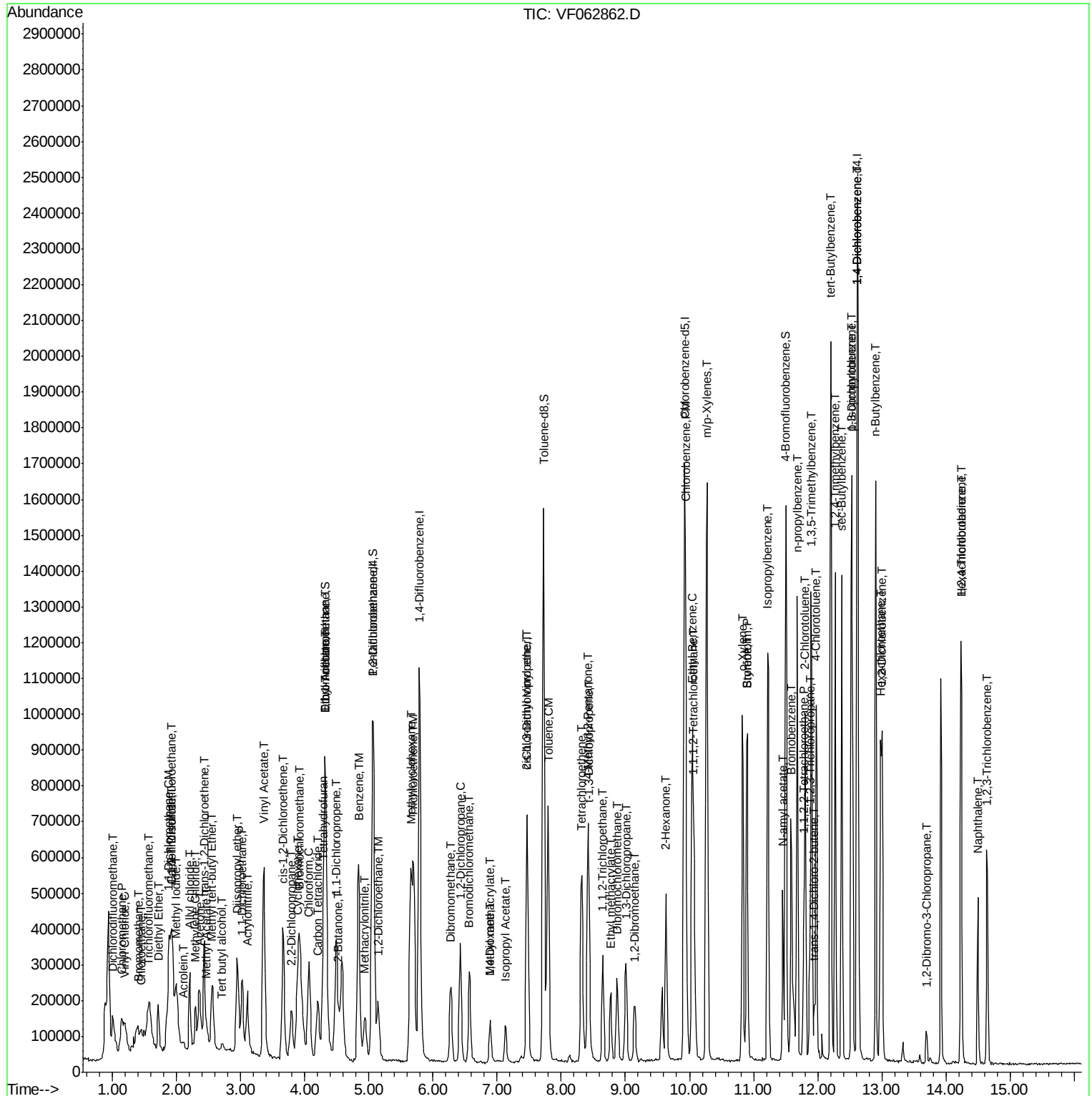
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060519\
Data File : VF062862.D
Acq On : 5 Jun 2019 13:47
Operator : FY/SY
Sample : VF0605SBSD01
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 6 Sample Multiplier: 1

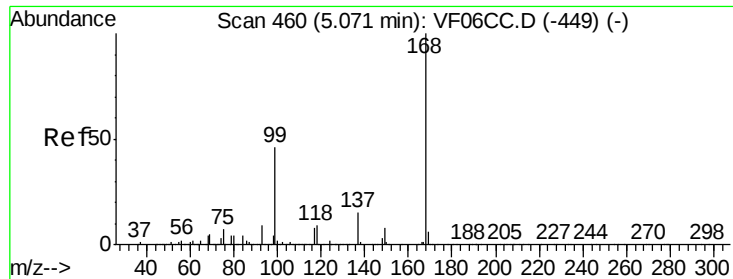
Instrument :
MSVOA_F
ClientSampleId :
VF0605SBSD01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBSD01

Tot Ion:168 Resp: 837285

Ion Ratio Lower Upper

168 100

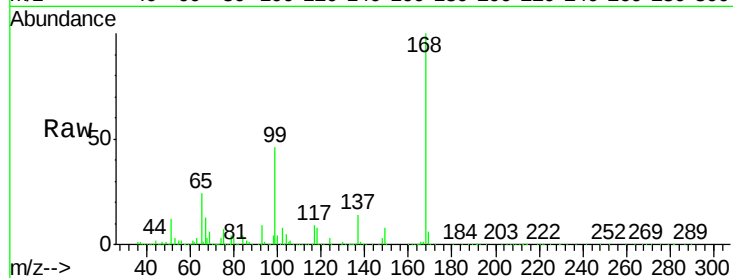
99 45.9 39.1 58.7

Manual Integrations

APPROVED

MMDadoda

6/6/2019 11:51:08 AM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

300000

250000

200000

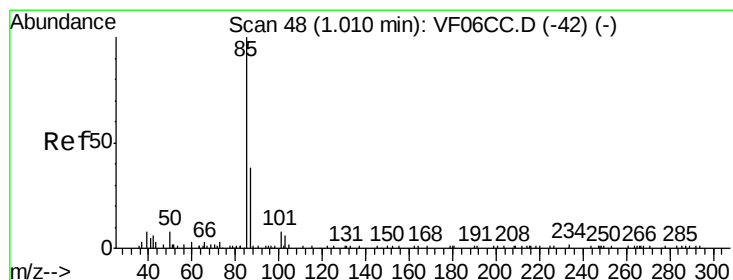
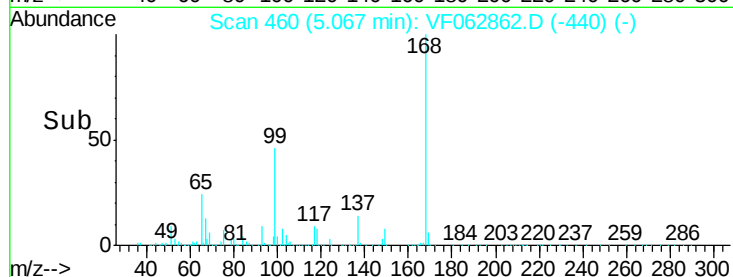
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.735 ug/l

RT: 1.01 min Scan# 48

Delta R.T. -0.01 min

Lab File: VF062862.D

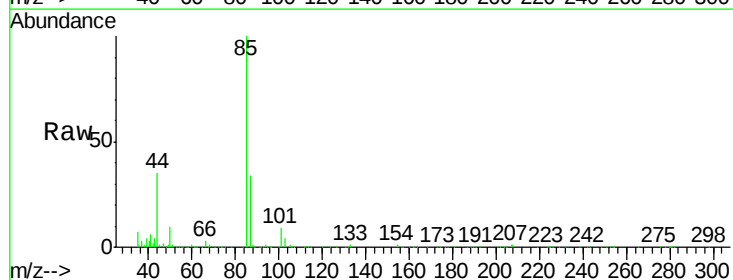
Acq: 5 Jun 2019 13:47

Tgt Ion: 85 Resp: 228980

Ion Ratio Lower Upper

85 100

87 34.3 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.01

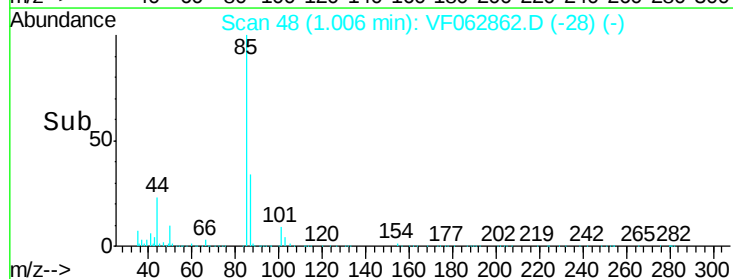
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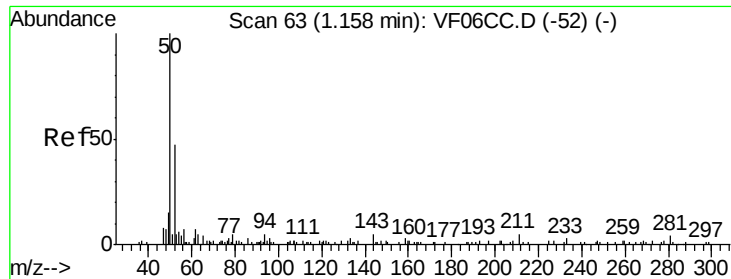
40000

20000

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Time-->





#3

Chloromethane

Concen: 21.695 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.00 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBS01

Tot Ion: 50 Resp: 187956

Ion Ratio Lower Upper

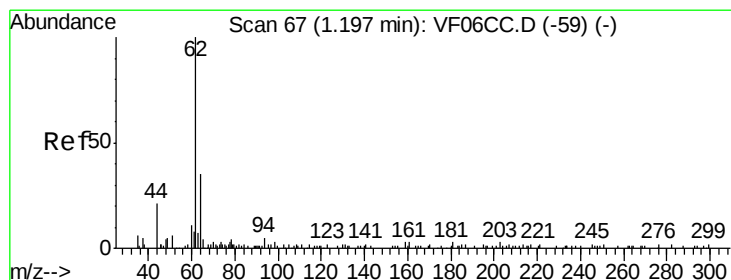
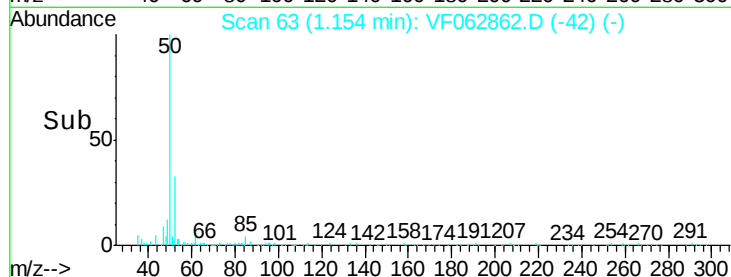
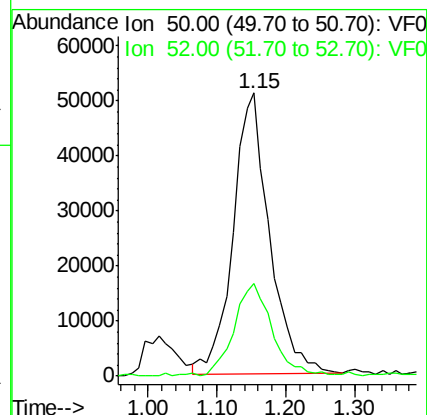
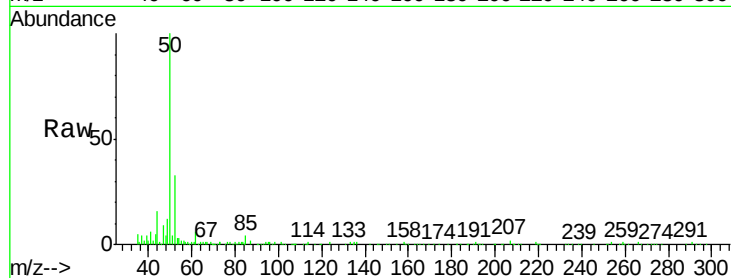
50 100

52 32.7 27.0 40.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.290 ug/l

RT: 1.19 min Scan# 67

Delta R.T. -0.01 min

Lab File: VF062862.D

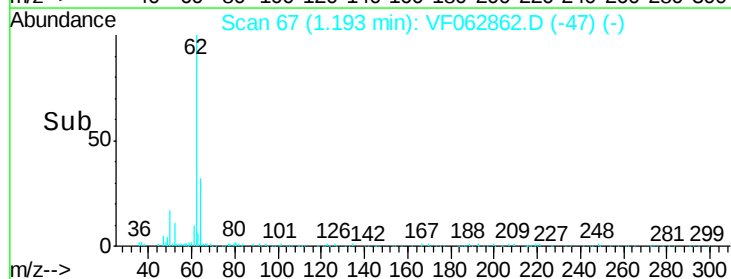
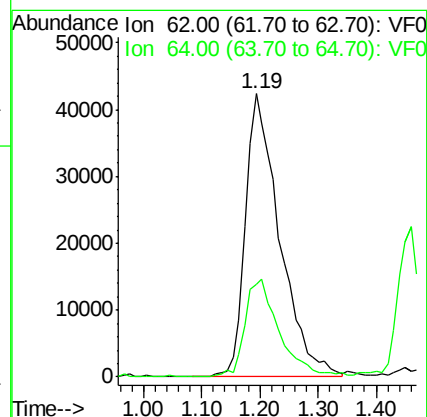
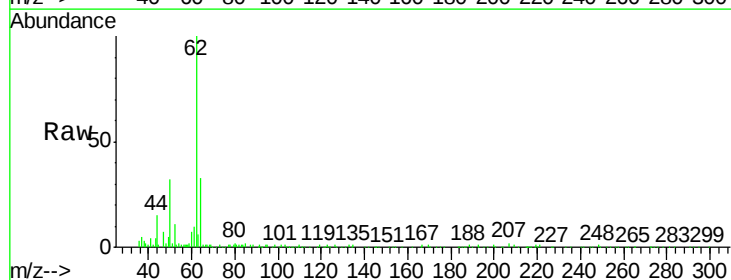
Acq: 5 Jun 2019 13:47

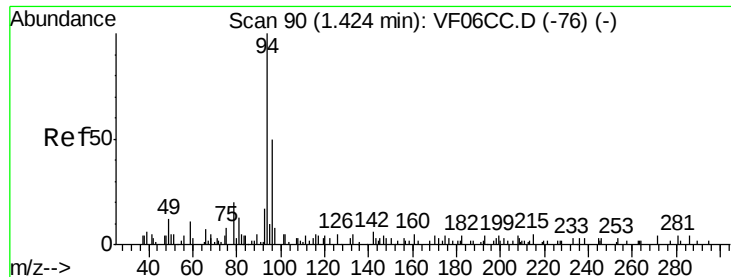
Tgt Ion: 62 Resp: 174682

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2





#5

Bromomethane

Concen: 20.539 ug/l

RT: 1.40 min Scan# 88

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBSD01

Tot Ion: 94 Resp: 100843

Ion Ratio Lower Upper

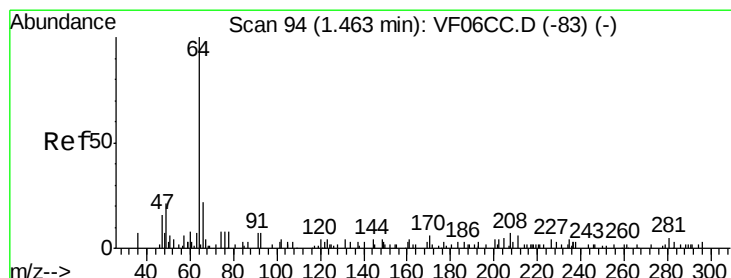
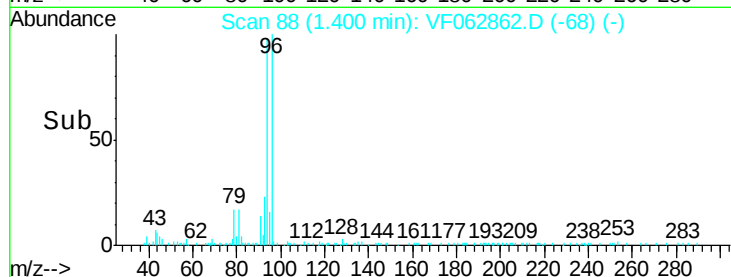
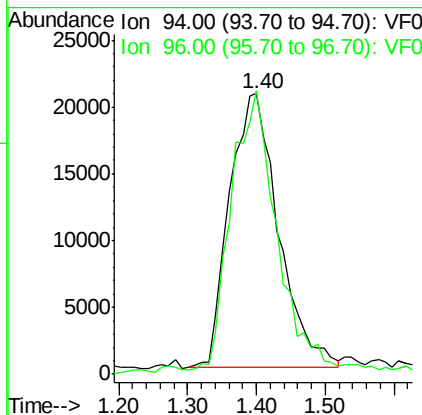
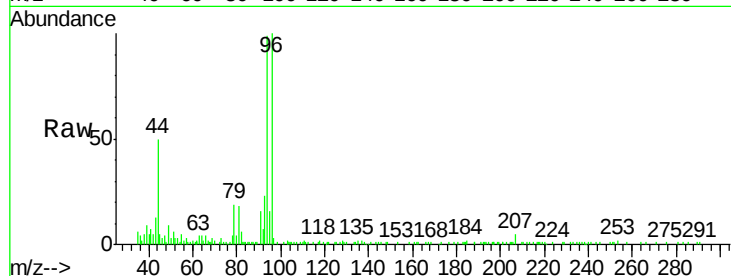
94 100

96 101.0 73.8 110.6

Manual Integrations
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#6

Chloroethane

Concen: 20.332 ug/l

RT: 1.46 min Scan# 94

Delta R.T. -0.01 min

Lab File: VF062862.D

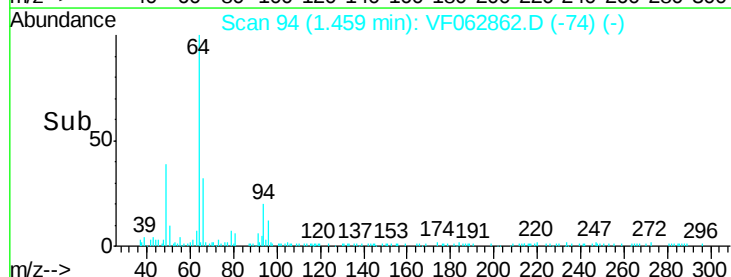
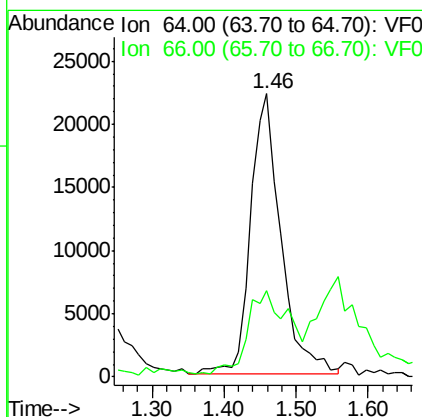
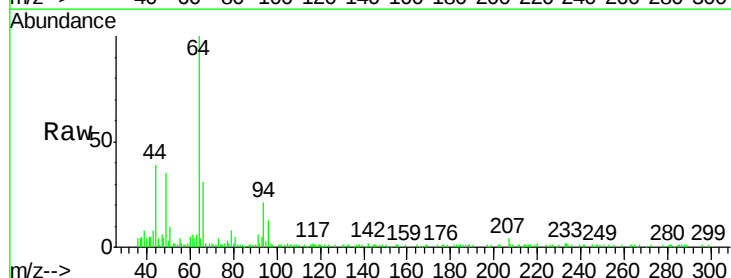
Acq: 5 Jun 2019 13:47

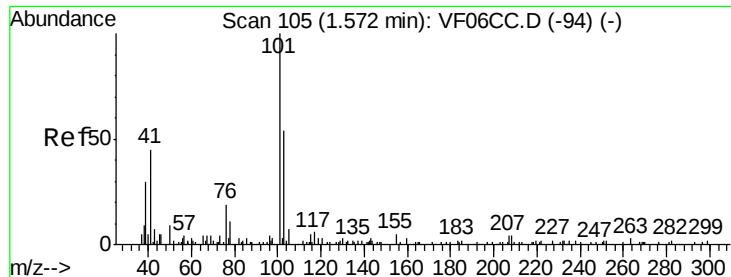
Tgt Ion: 64 Resp: 65445

Ion Ratio Lower Upper

64 100

66 30.6 31.0 46.4#





#7

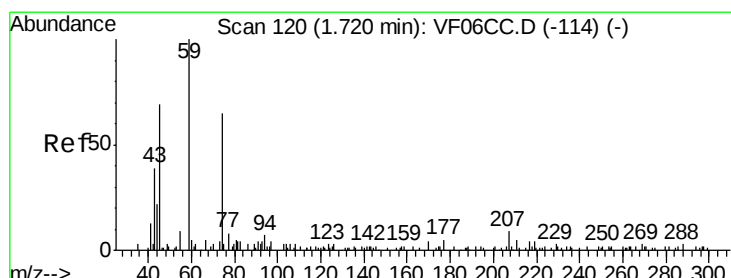
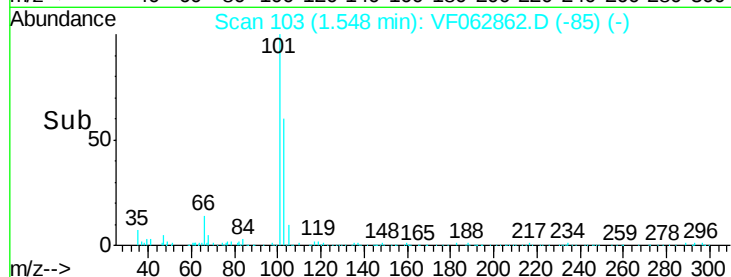
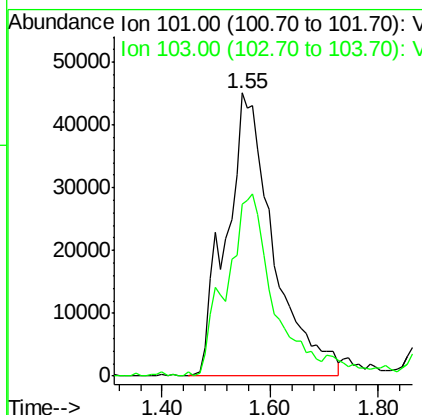
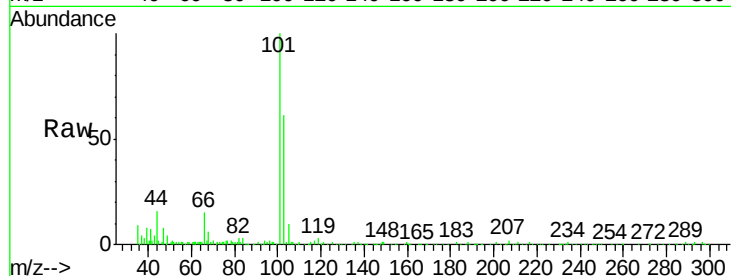
Trichlorofluoromethane
Concen: 22.540 ug/l
RT: 1.55 min Scan# 103
Delta R.T. -0.03 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
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ClientSampleId :
VF0605SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		274712		
103	60.7	54.6	82.0		

Manual Integrations
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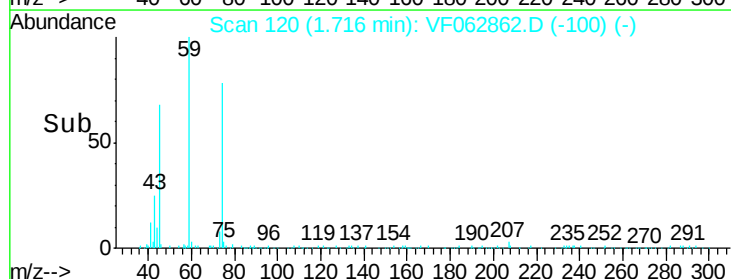
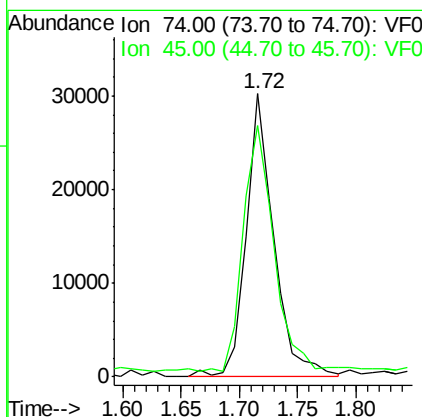
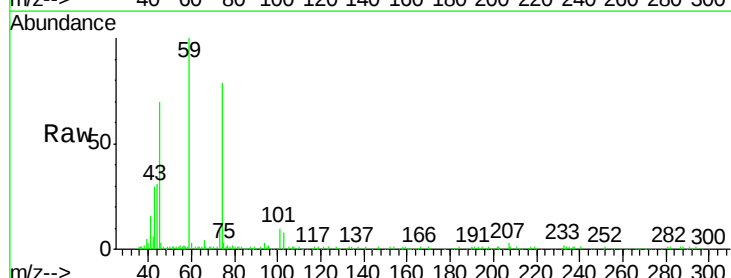
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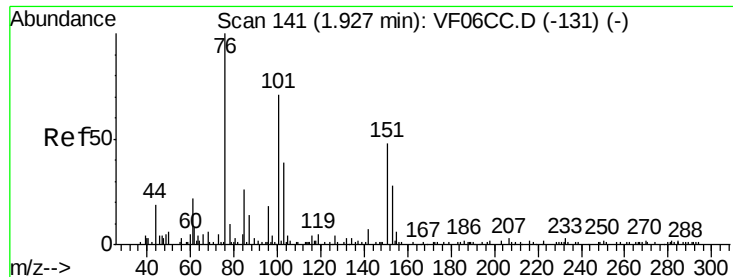


#8

Diethyl Ether
Concen: 20.842 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		49977		
45	88.9	47.5	142.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.003 ug/l

RT: 1.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

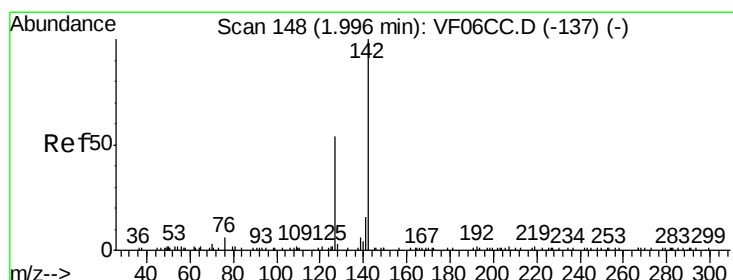
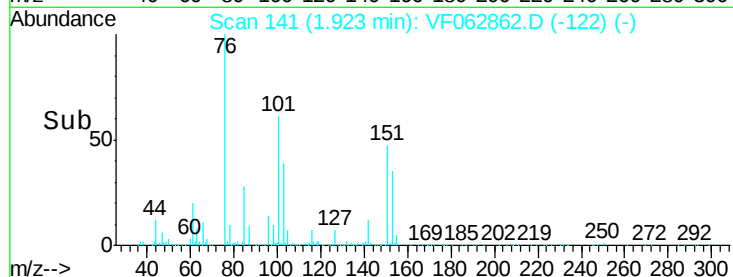
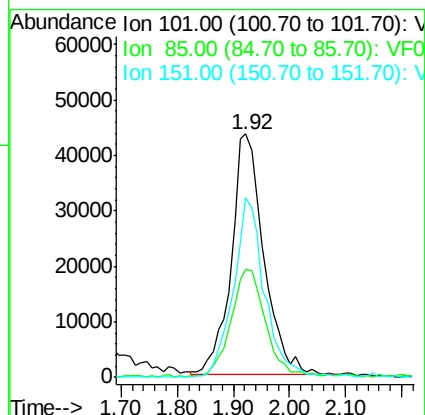
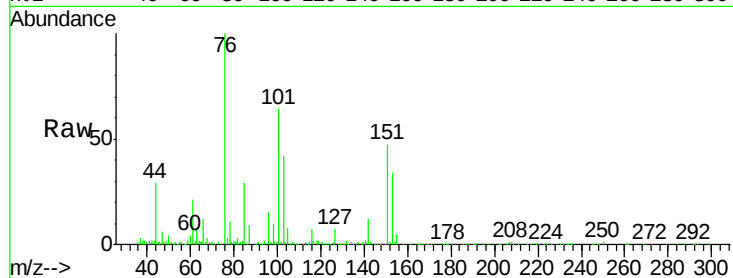
ClientSampleId :

VF0605SBS01

Tot Ion:	101	Resp:	176260
Ion Ratio	Lower	Upper	
101	100		
85	44.0	37.1	55.7
151	72.6	60.3	90.5

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#10

Methyl Iodide

Concen: 21.506 ug/l m

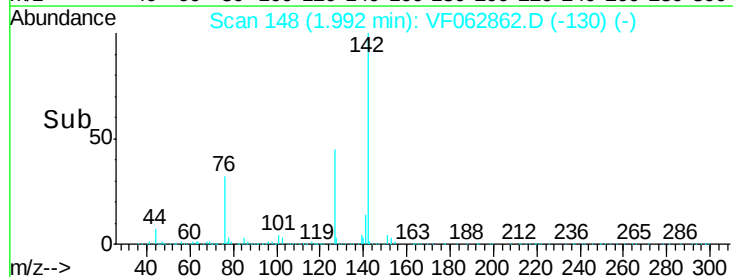
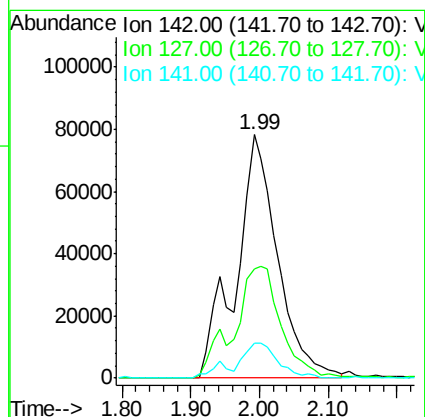
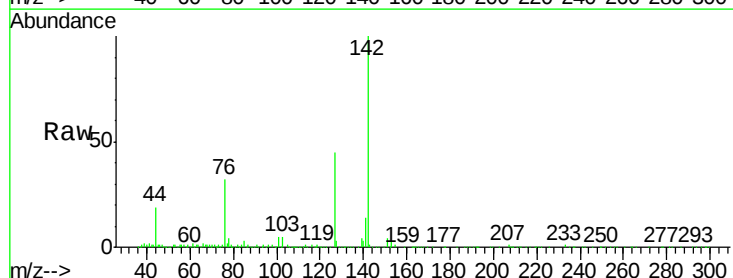
RT: 1.99 min Scan# 148

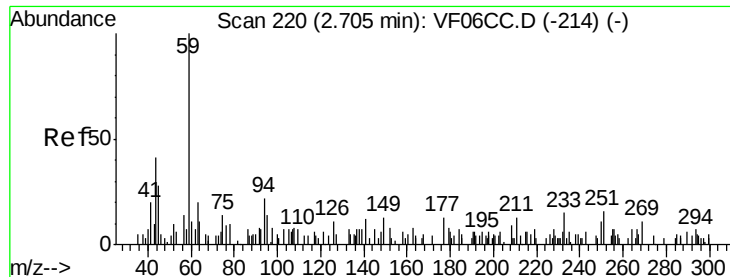
Delta R.T. -0.03 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	142	Resp:	330407
Ion Ratio	Lower	Upper	
142	100		
127	45.0	39.4	59.2
141	14.3	10.6	15.8





#11

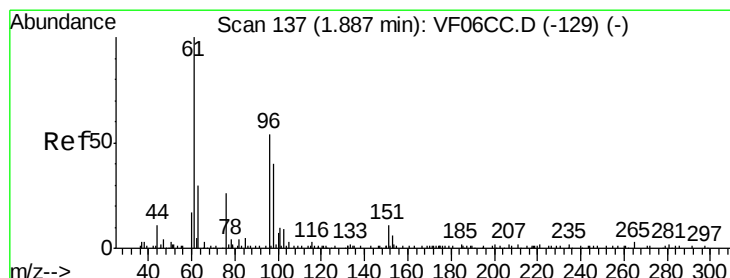
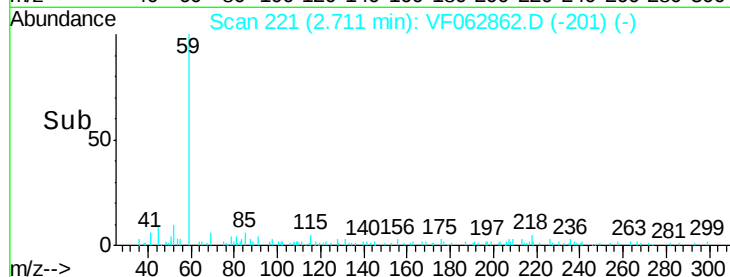
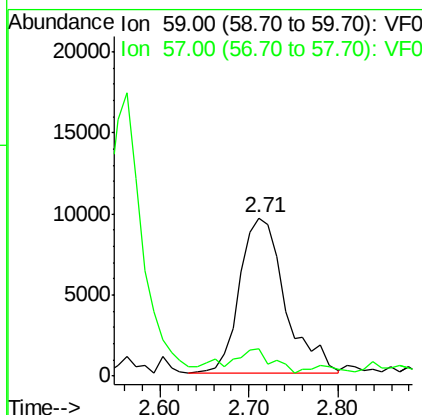
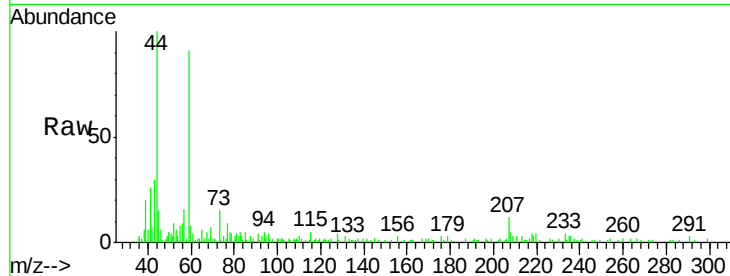
Tert butyl alcohol
Concen: 95.360 ug/l
RT: 2.71 min Scan# 221
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	59	Resp	33447
Ion Ratio	100	Lower	Upper
57	17.4	9.2	13.8#

Manual Integrations
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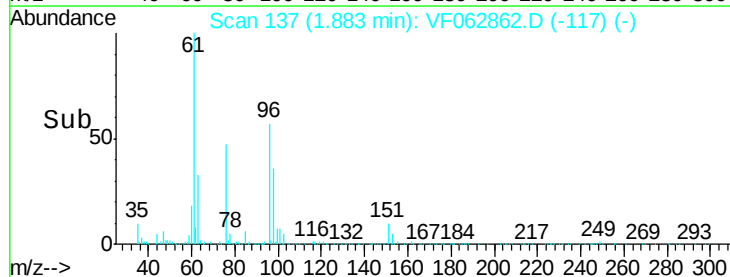
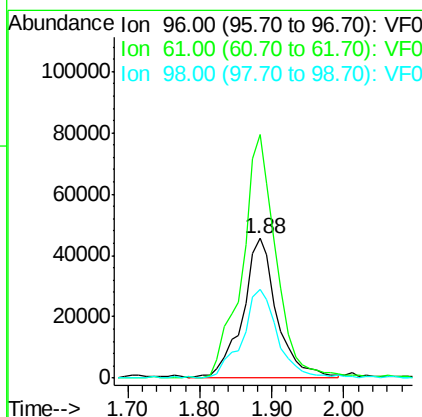
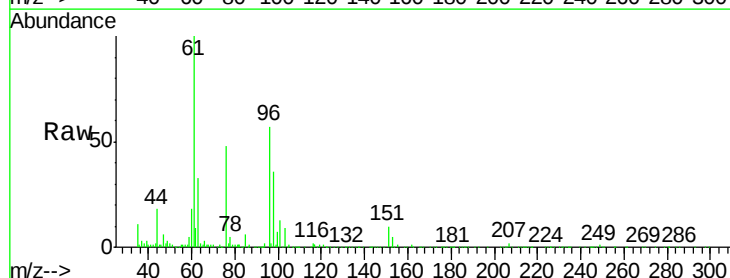
MMDadoda
6/6/2019 11:51:08 AM

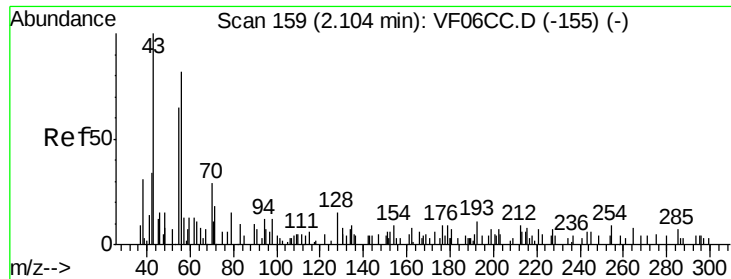


#12

1,1-Dichloroethene
Concen: 21.337 ug/l
RT: 1.88 min Scan# 137
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion	96	Resp	148460
Ion Ratio	100	Lower	Upper
61	174.7	139.4	209.2
98	63.4	50.3	75.5





#13

Acrolein

Concen: 95.603 ug/l m

RT: 2.11 min Scan# 160

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tot Ion: 56 Resp: 14104

Ion Ratio Lower Upper

56 100

55 81.9 52.9 79.3#

Instrument :

MSVOA_F

ClientSampleId :

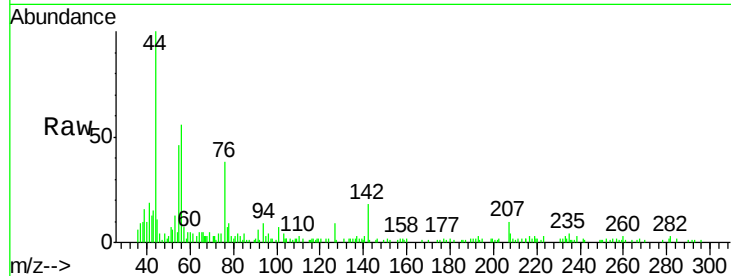
VF0605SBSD01

Manual Integrations

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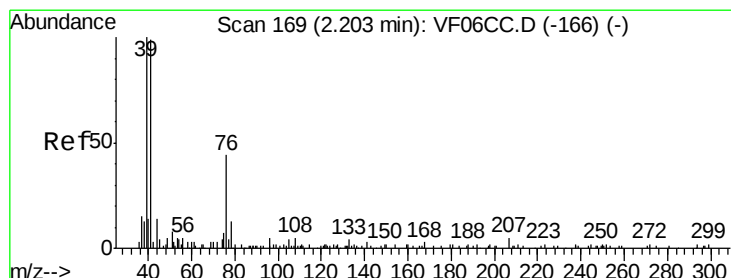
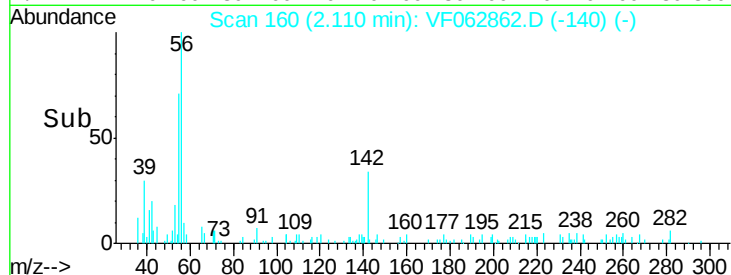
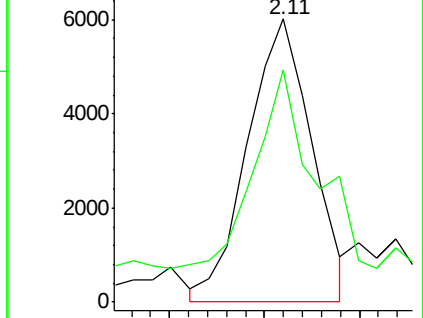
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 27.834 ug/l

RT: 2.21 min Scan# 170

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

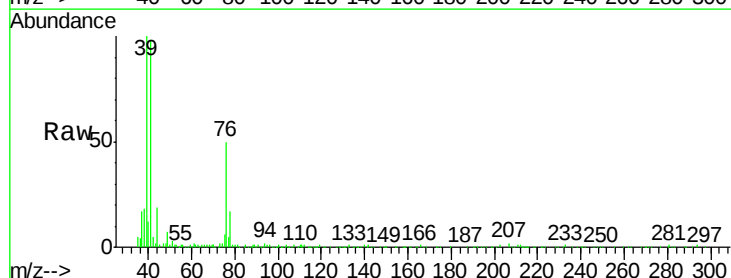
Tgt Ion: 41 Resp: 150244

Ion Ratio Lower Upper

41 100

39 102.4 71.9 107.9

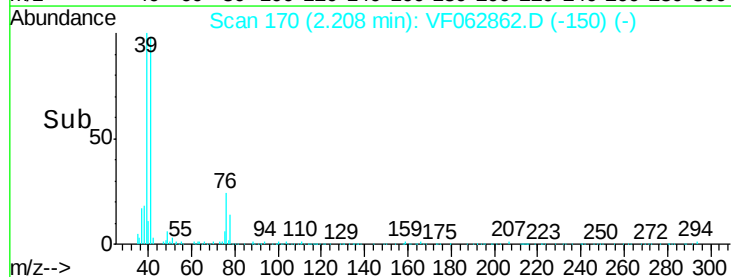
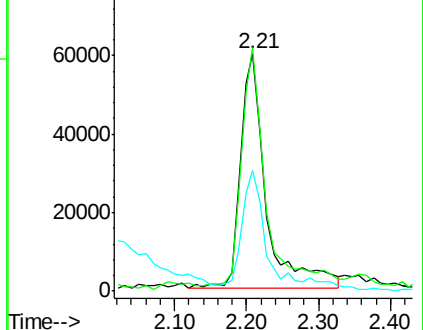
76 50.9 39.6 59.4

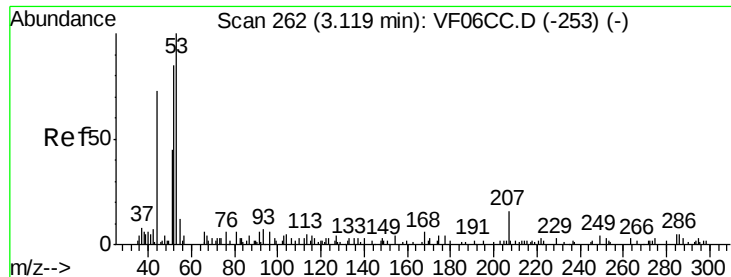


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 117.034 ug/l

RT: 3.11 min Scan# 261

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

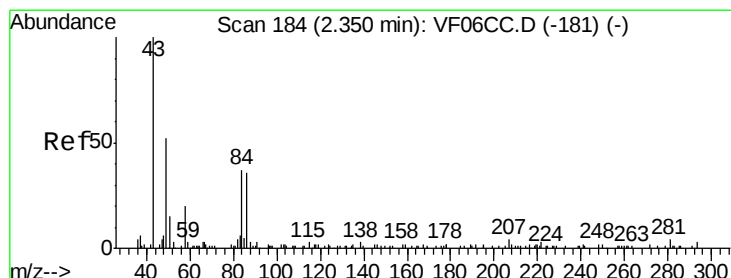
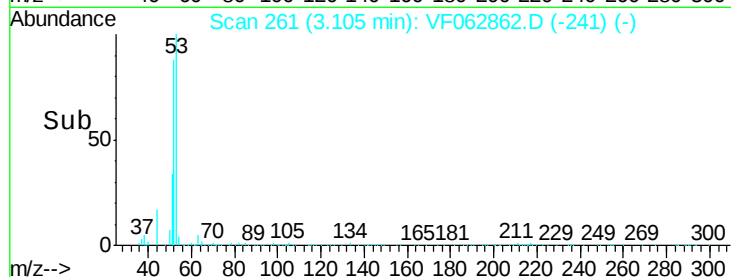
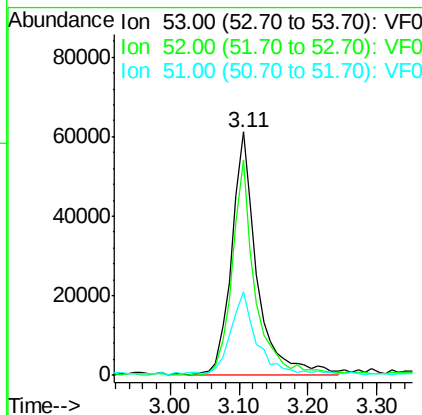
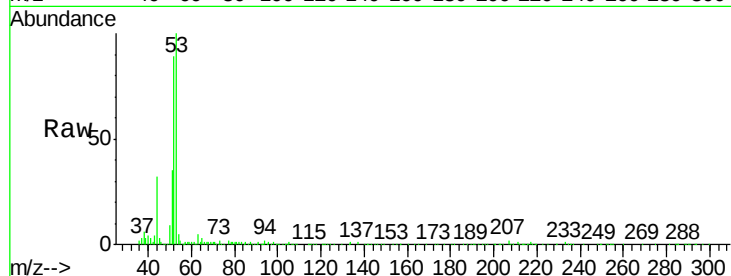
ClientSampleId :

VF0605SBS01

Tot Ion:	53	Resp:	154245
Ion Ratio		Lower	Upper
53	100		
52	88.7	68.1	102.1
51	34.6	27.7	41.5

Manual Integrations
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#16

Acetone

Concen: 93.324 ug/l

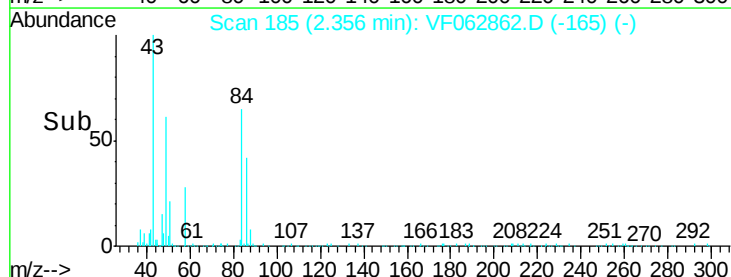
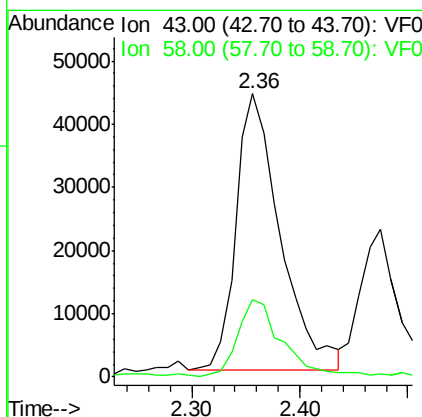
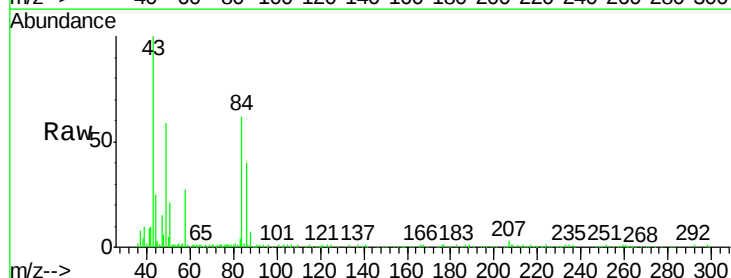
RT: 2.36 min Scan# 185

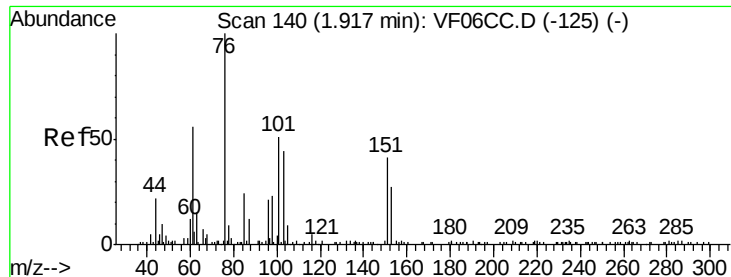
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	43	Resp:	123671
Ion Ratio		Lower	Upper
43	100		
58	27.4	19.0	28.4





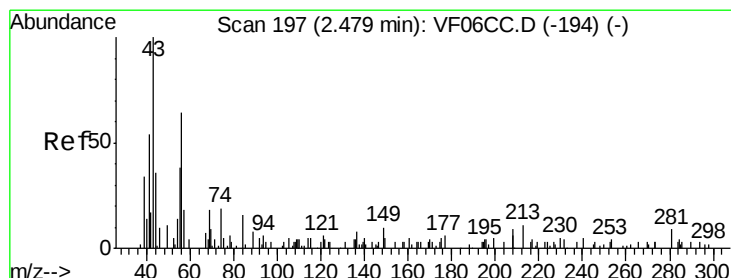
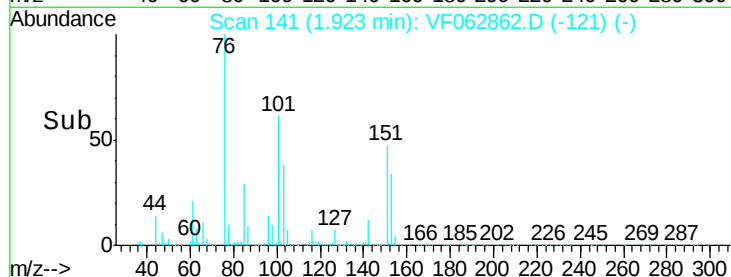
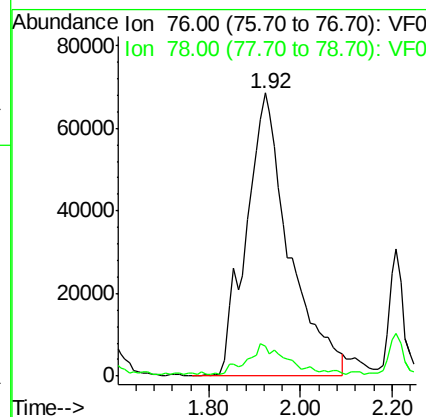
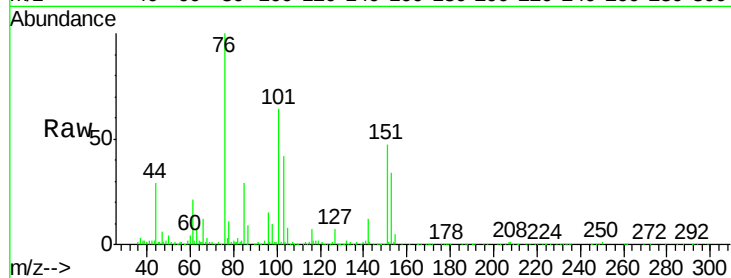
#17
Carbon Disulfide
Concen: 21.824 ug/l
RT: 1.92 min Scan# 141
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.7	9.4	14.2

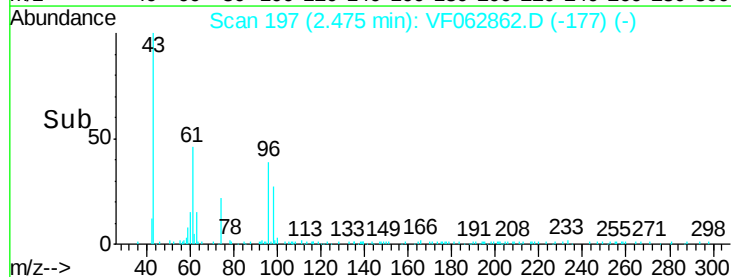
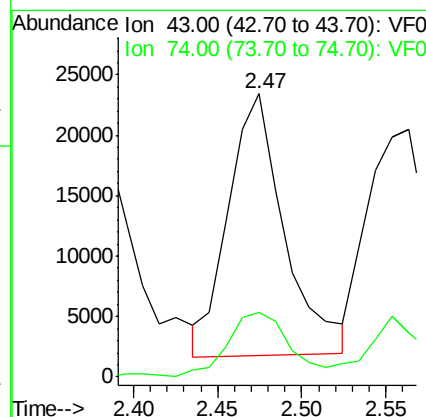
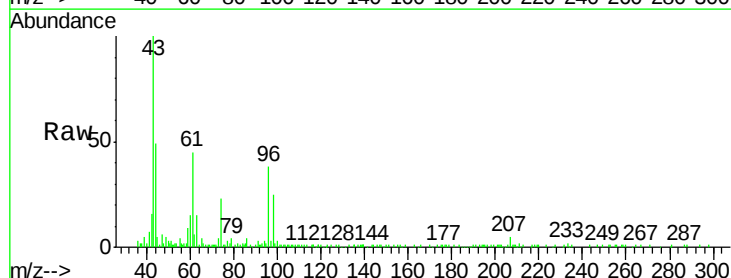
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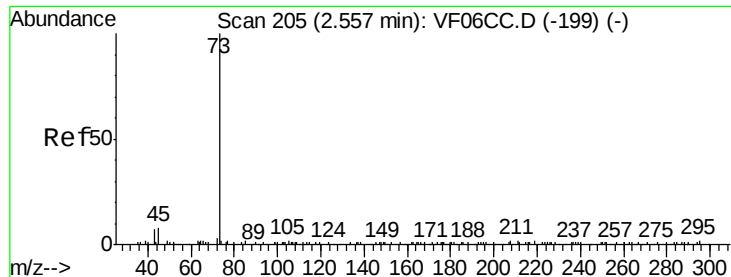
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#18
Methyl Acetate
Concen: 21.728 ug/l
RT: 2.47 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	22.1	33.1





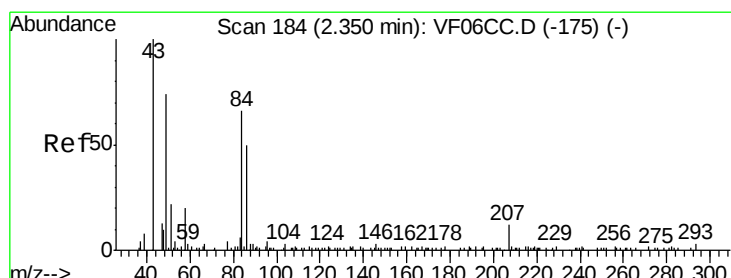
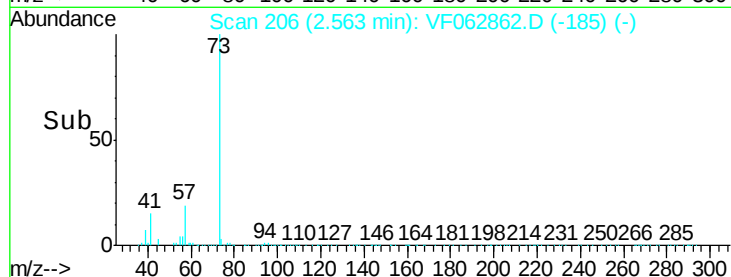
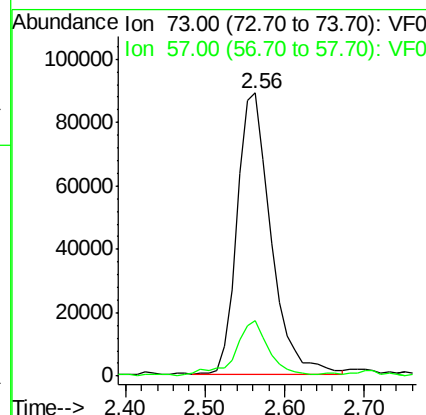
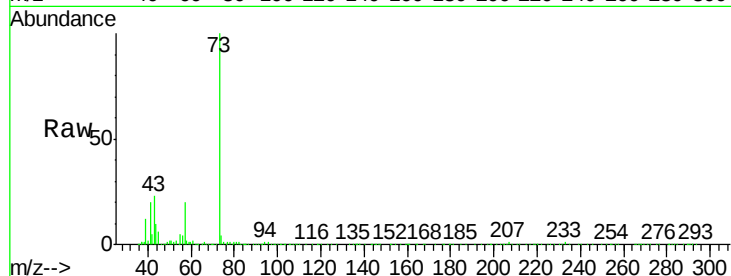
#19
Methvl tert-butvl Ether
Concen: 20.850 ug/l
RT: 2.56 min Scan# 206
Delta R.T. 0.00 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBSD01

Tot Ion	73	Resp	262830
Ion Ratio	Lower	Upper	
73	100		
57	19.6	15.1	22.7

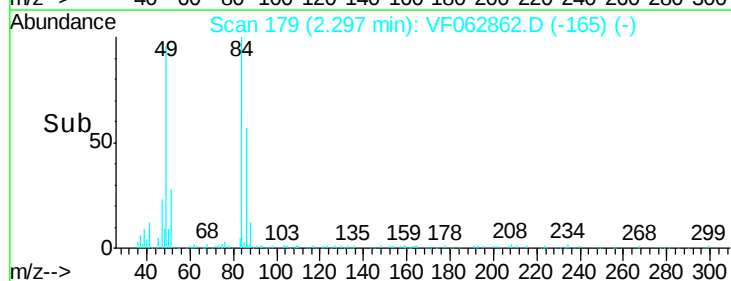
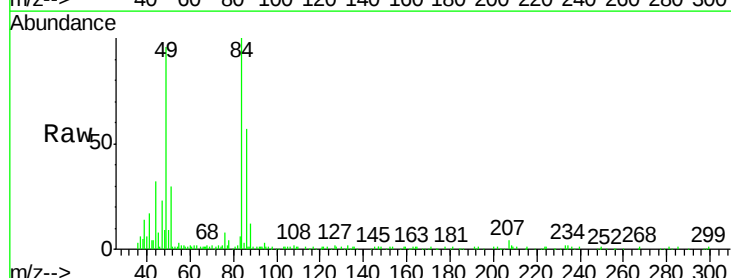
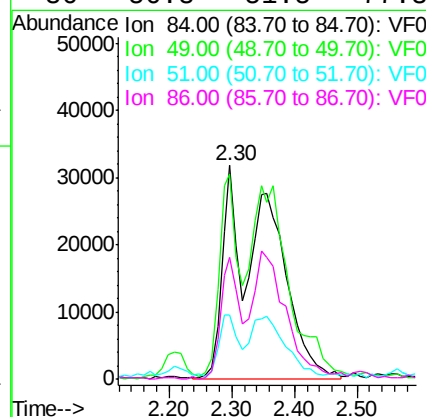
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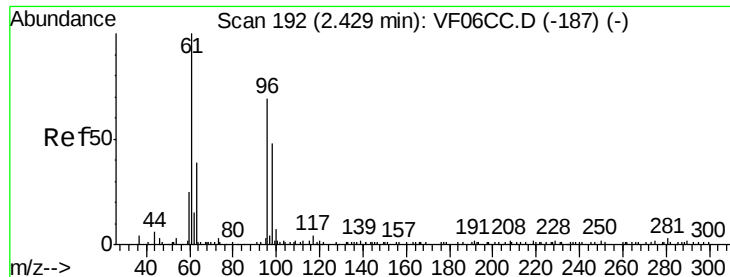
MMDadoda
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#20
Methylene Chloride
Concen: 23.541 ug/l m
RT: 2.30 min Scan# 179
Delta R.T. -0.06 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion	84	Resp	166706
Ion Ratio	Lower	Upper	
84	100		
49	96.0	82.6	123.8
51	29.9	25.0	37.4
86	56.8	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 23.082 ug/l

RT: 2.44 min Scan# 193

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBSD01

Tot Ion: 96 Resp: 161028

Ion Ratio Lower Upper

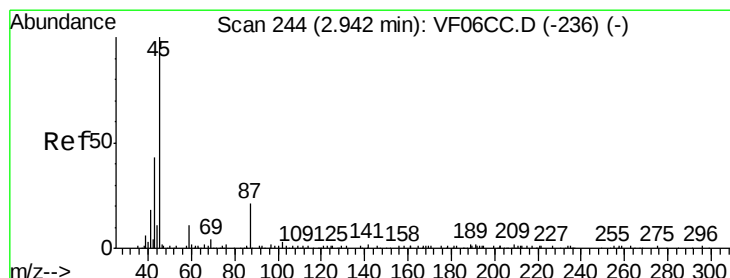
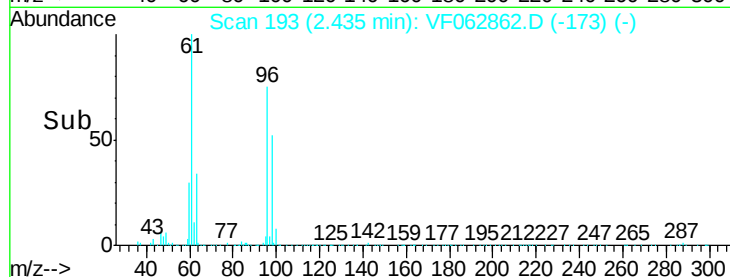
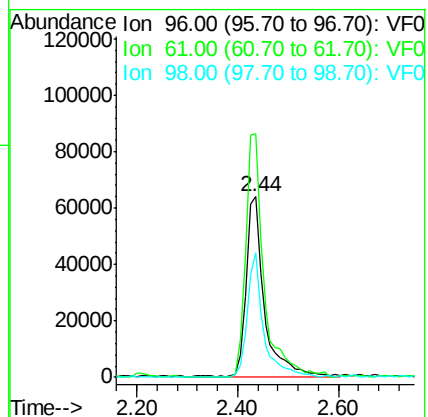
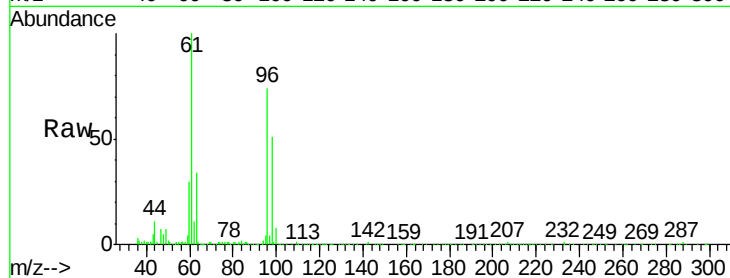
96 100

61 134.7 105.0 157.6

98 69.3 51.1 76.7

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#22

Diisopropyl ether

Concen: 20.668 ug/l

RT: 2.95 min Scan# 245

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion: 45 Resp: 316959

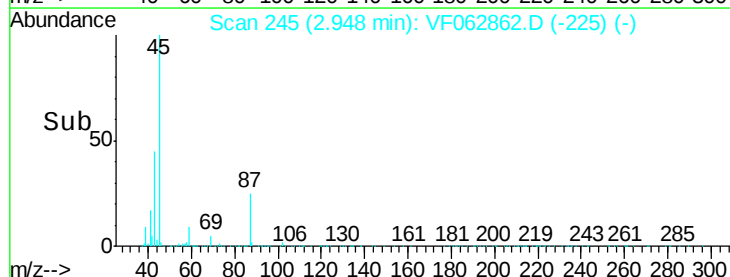
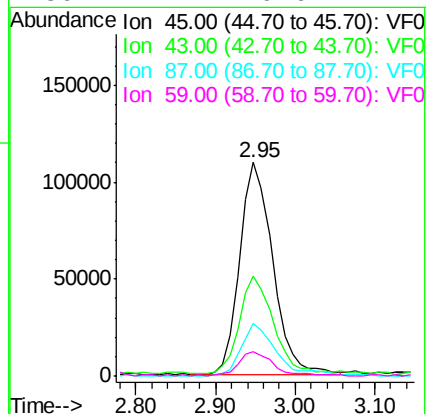
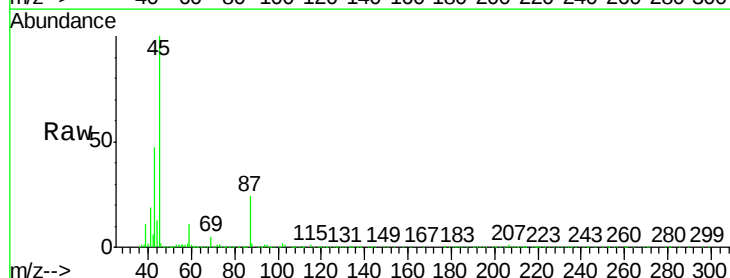
Ion Ratio Lower Upper

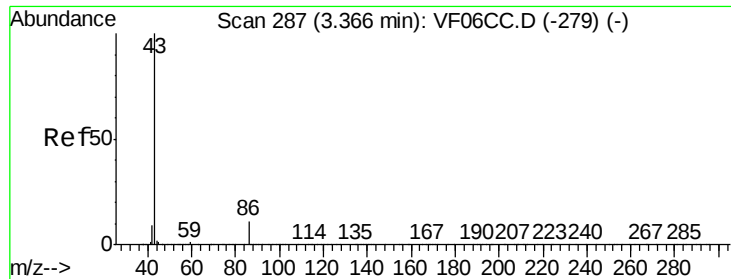
45 100

43 47.0 34.3 51.5

87 24.4 19.0 28.4

59 11.4 9.6 14.4





#23

Vinyl Acetate

Concen: 107.983 ug/l

RT: 3.36 min Scan# 287

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBS01

Tot Ion: 43 Resp: 1133720

Ion Ratio Lower Upper

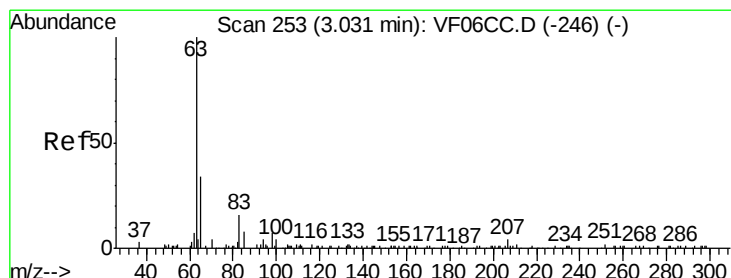
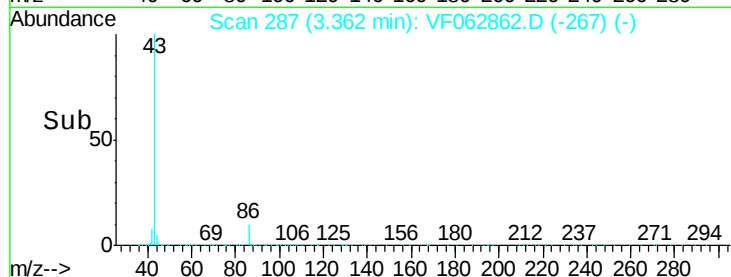
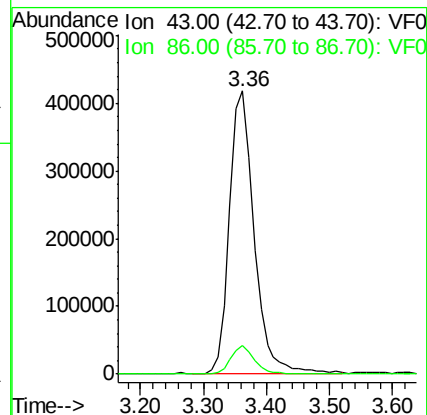
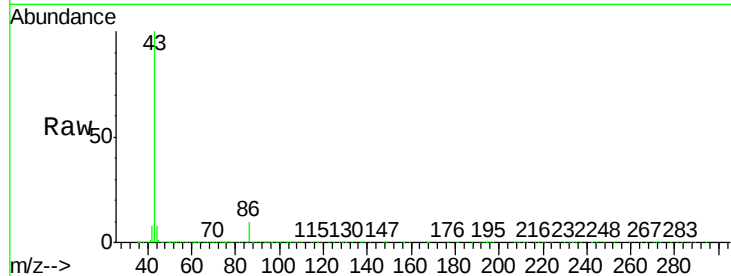
43 100

86 10.1 8.2 12.2

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 22.772 ug/l

RT: 3.03 min Scan# 253

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

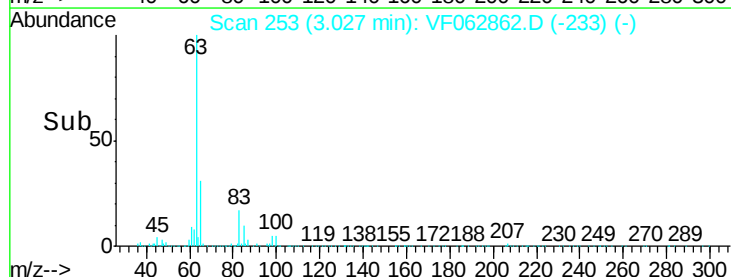
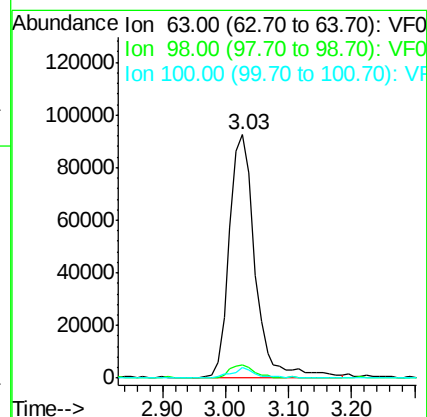
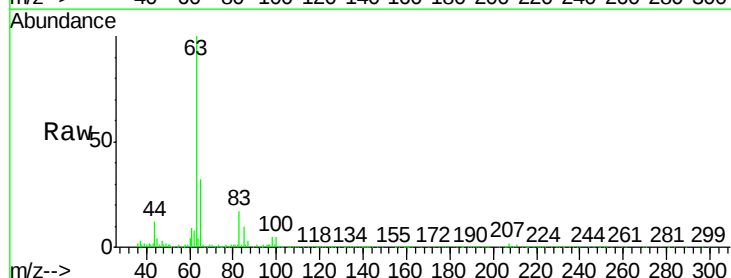
Tgt Ion: 63 Resp: 260749

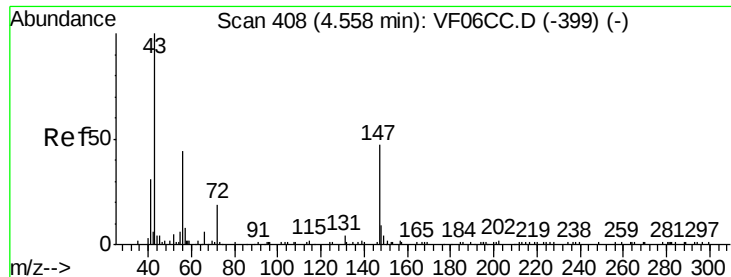
Ion Ratio Lower Upper

63 100

98 5.3 2.4 7.1

100 4.6 1.5 4.5#





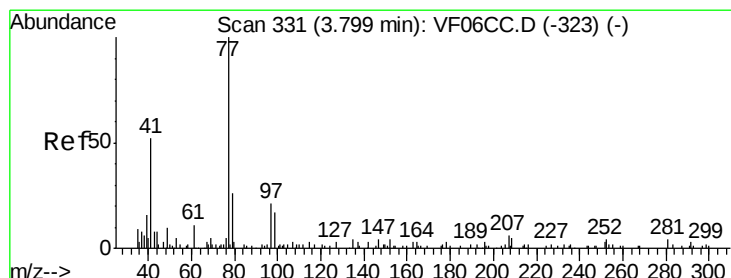
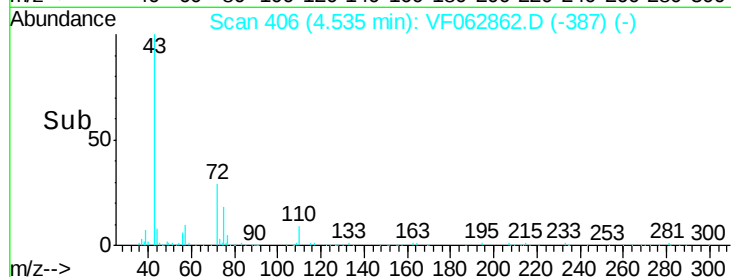
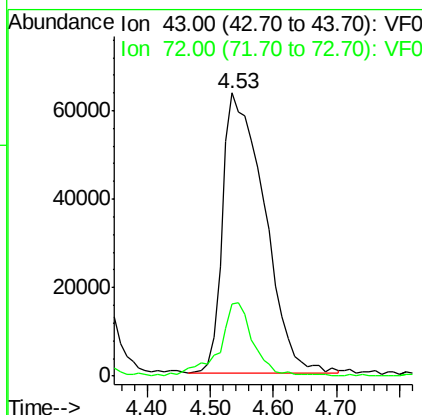
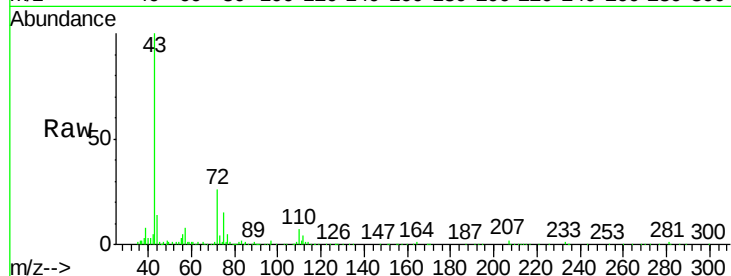
#25
2-Butanone
Concen: 94.276 ug/l
RT: 4.53 min Scan# 406
Delta R.T. -0.02 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.6	21.4	32.0

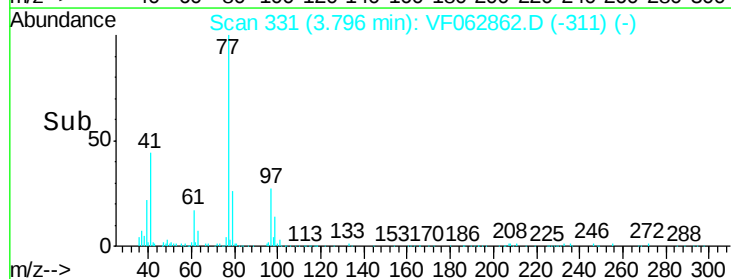
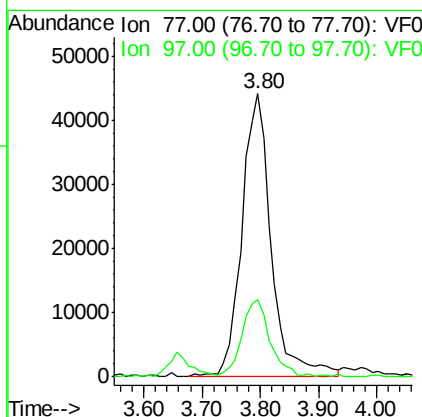
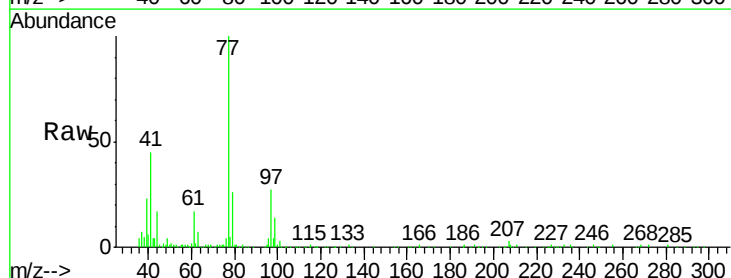
Manual Integrations
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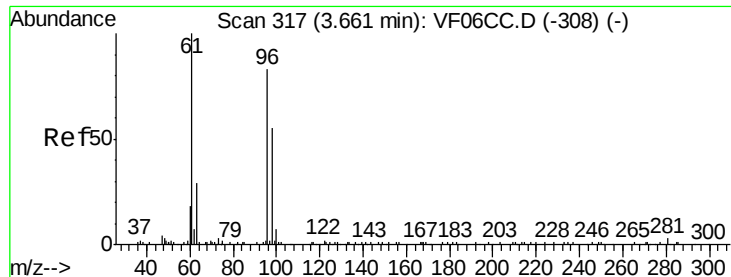
MMDadoda
6/6/2019 11:51:08 AM



#26
2,2-Dichloropropane
Concen: 23.724 ug/l
RT: 3.80 min Scan# 331
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Lower	Upper
77	100		
97	27.2	12.4	37.4





#27

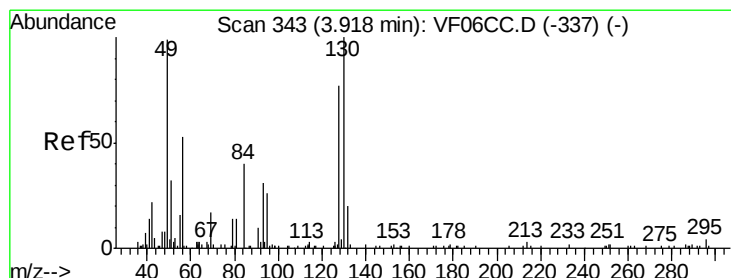
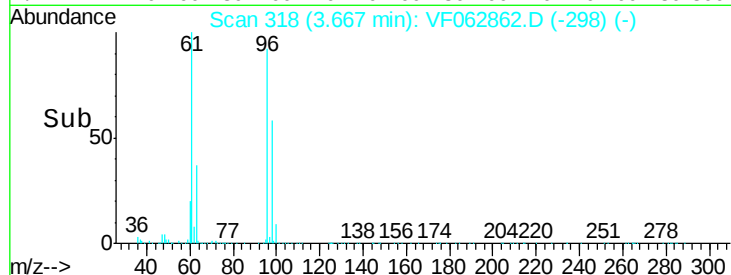
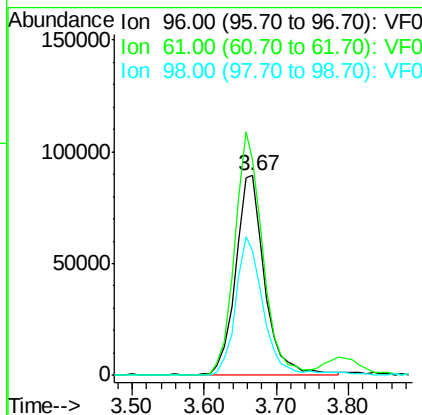
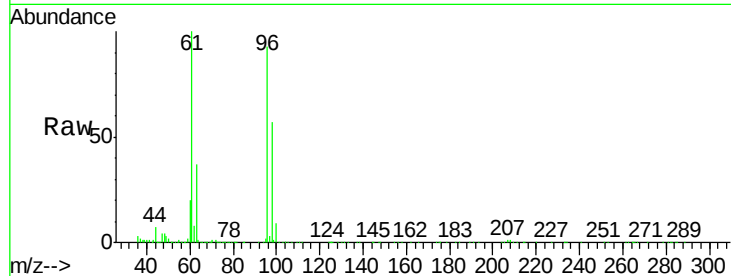
cis-1,2-Dichloroethene
Concen: 21.175 ug/l
RT: 3.67 min Scan# 318
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	248310		
61	108.0	0.0	213.8	
98	62.0	0.0	127.0	

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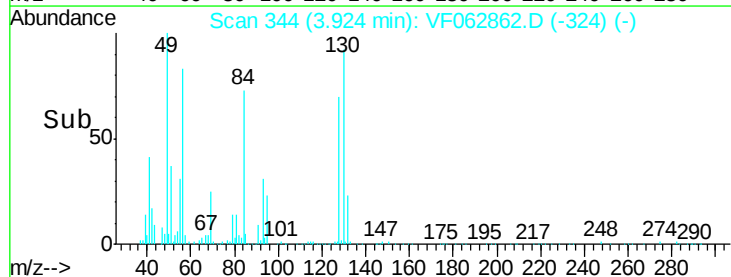
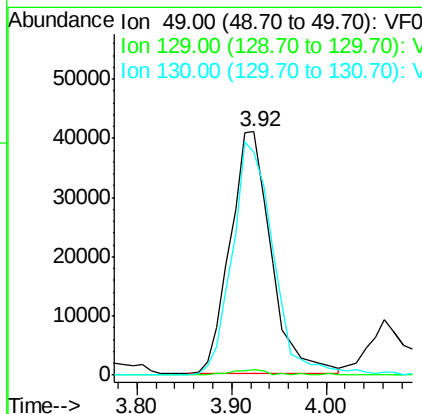
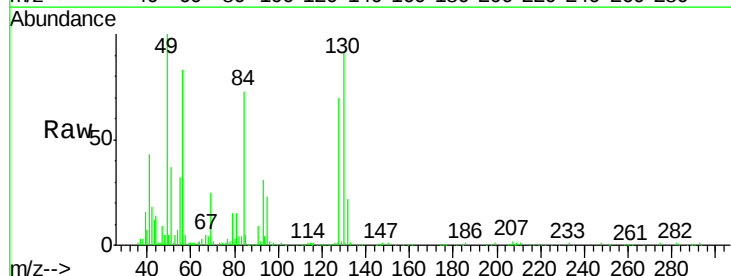
MMDadoda
6/6/2019 11:51:08 AM

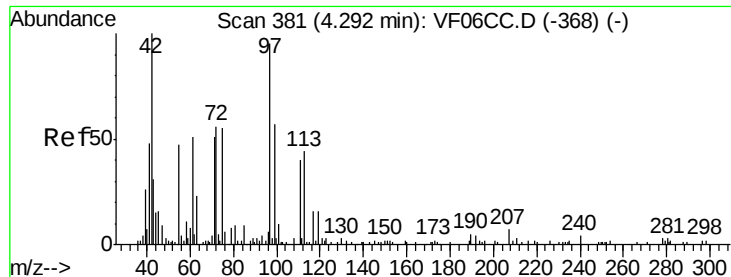


#28

Bromochloromethane
Concen: 19.777 ug/l
RT: 3.92 min Scan# 344
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	123183		
129	2.1	0.0	5.4	
130	91.4	79.2	118.8	





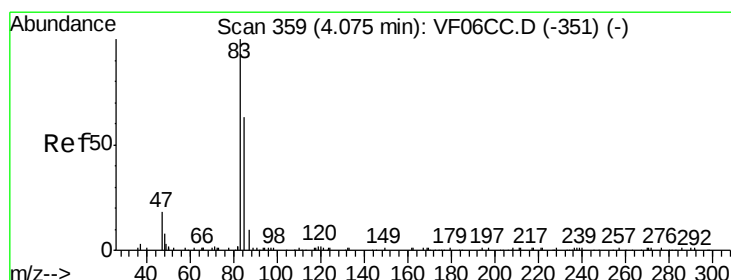
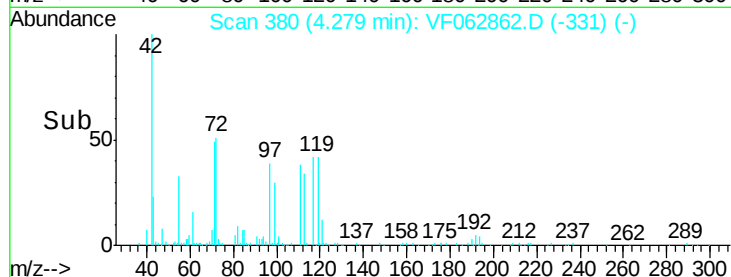
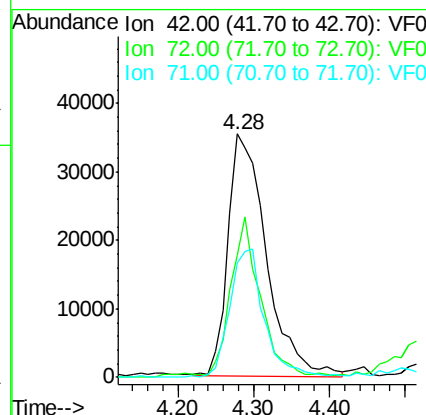
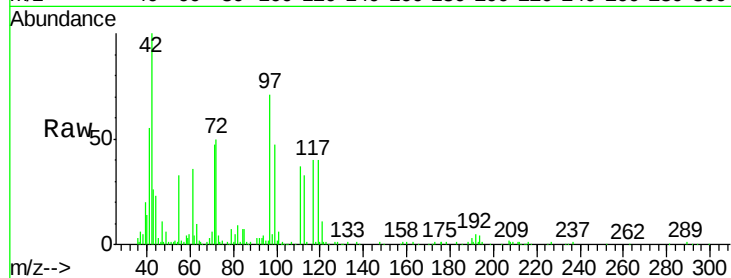
#29
Tetrahydrofuran
Concen: 105.371 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.02 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBSD01

Tot Ion:	42	Resp:	124371
Ion Ratio		Lower	Upper
42	100		
72	50.3	39.0	58.6
71	47.4	36.9	55.3

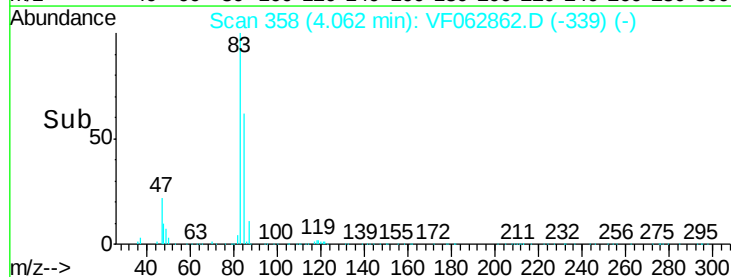
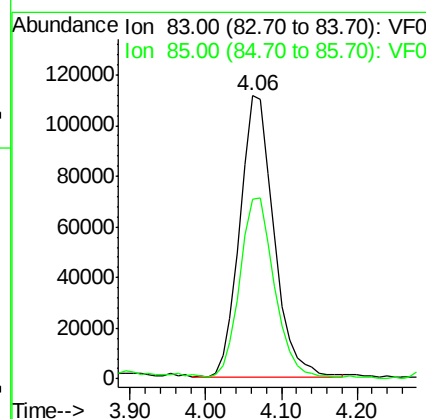
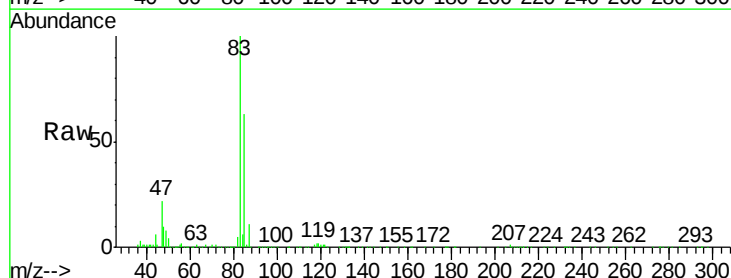
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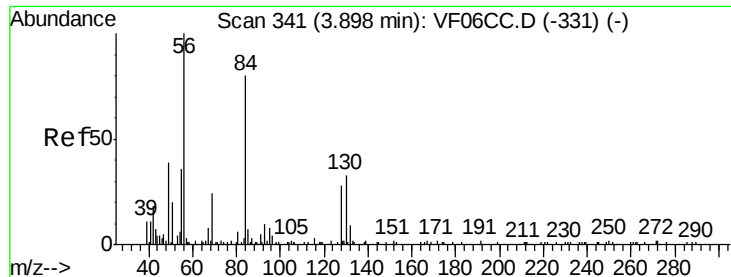
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#30
Chloroform
Concen: 21.666 ug/l
RT: 4.06 min Scan# 358
Delta R.T. -0.02 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion:	83	Resp:	349635
Ion Ratio		Lower	Upper
83	100		
85	63.5	55.0	82.6





#31

Cyclohexane

Concen: 20.175 ug/l

RT: 3.88 min Scan# 340

Delta R.T. -0.02 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

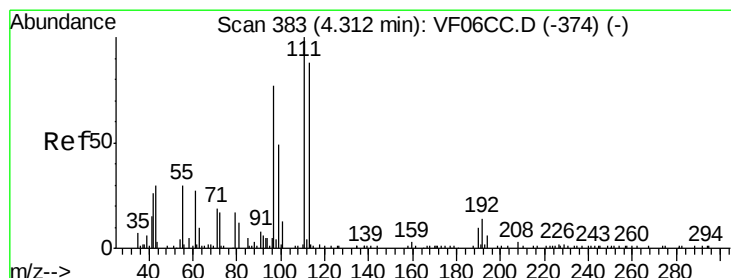
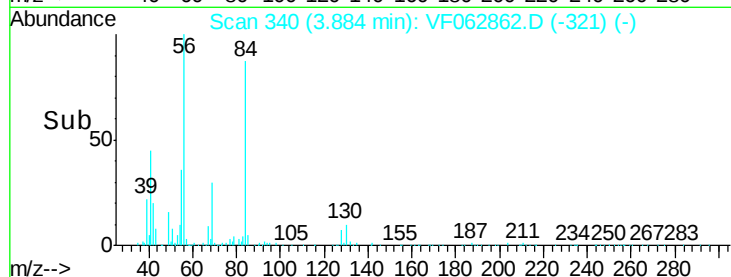
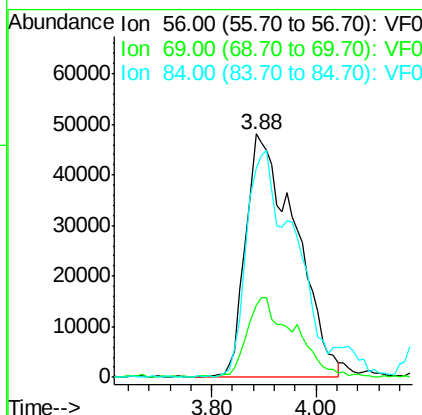
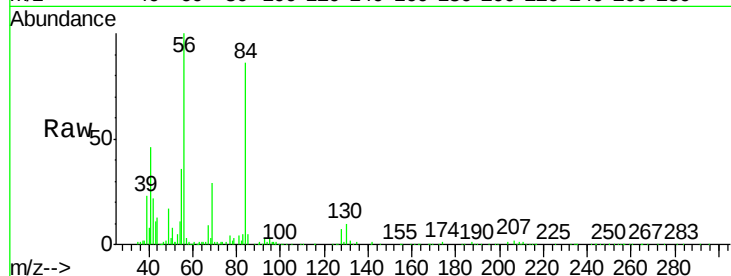
ClientSampleId :

VF0605SBSD01

Tot Ion:	56	Resp:	312761
Ion	Ratio	Lower	Upper
56	100		
69	29.5	26.7	40.1
84	86.0	74.3	111.5

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#32

1,1,1-Trichloroethane

Concen: 23.624 ug/l

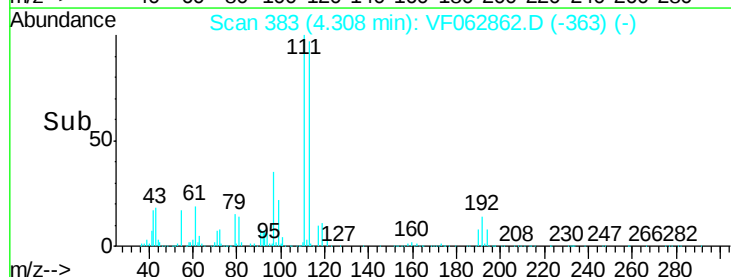
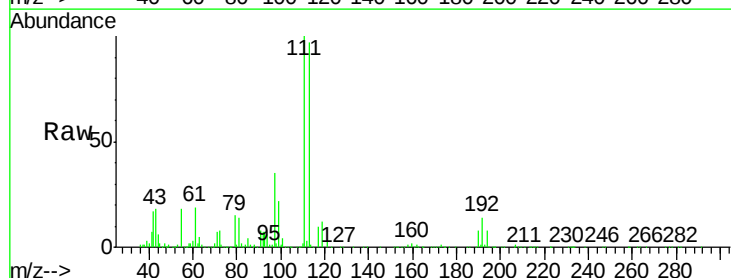
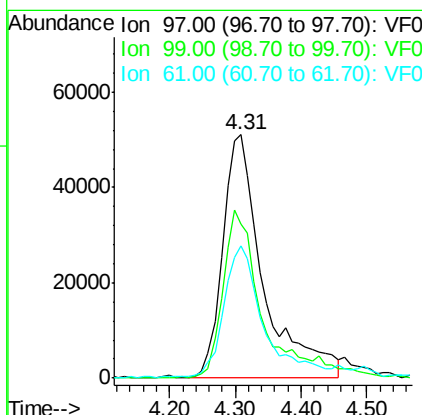
RT: 4.31 min Scan# 383

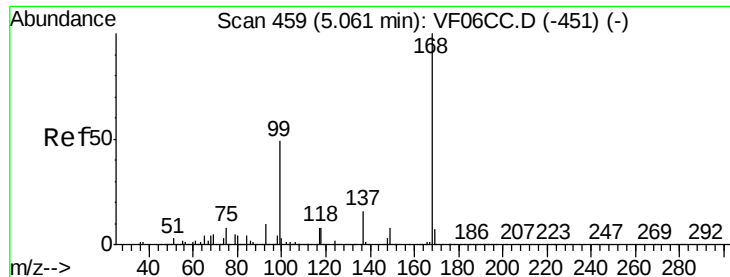
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	97	Resp:	221965
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.7	77.5
61	54.4	38.9	58.3





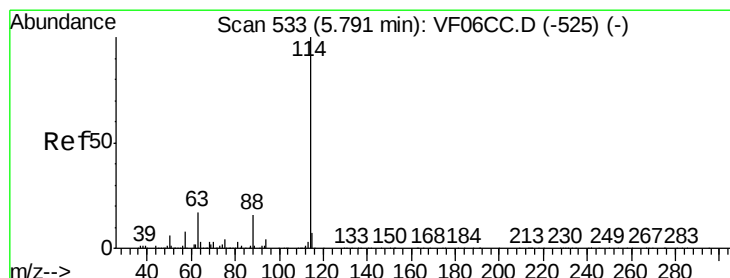
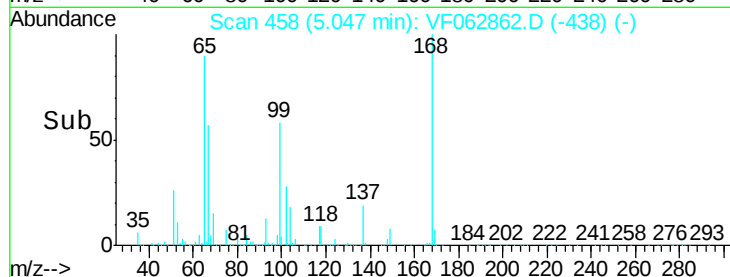
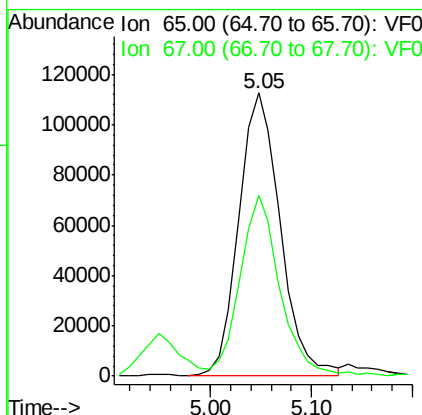
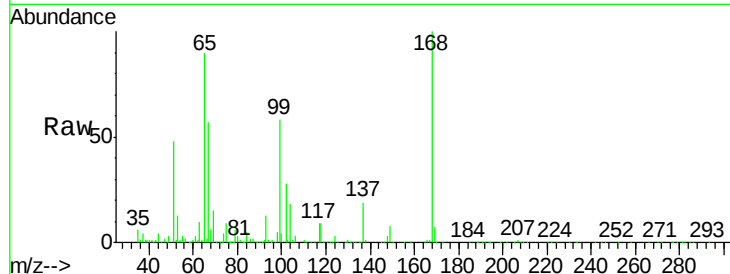
#33
 1,2-Dichloroethane-d4
 Concen: 55.330 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0605SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	63.8	0.0	121.2	

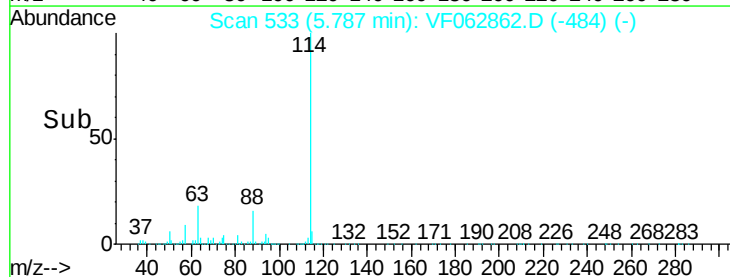
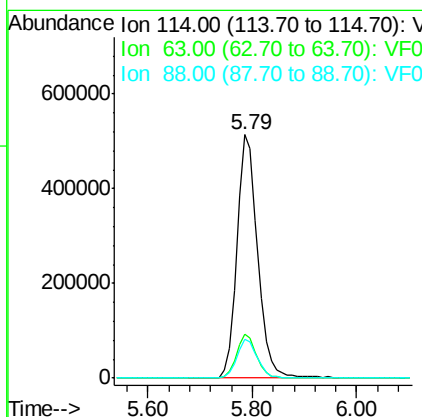
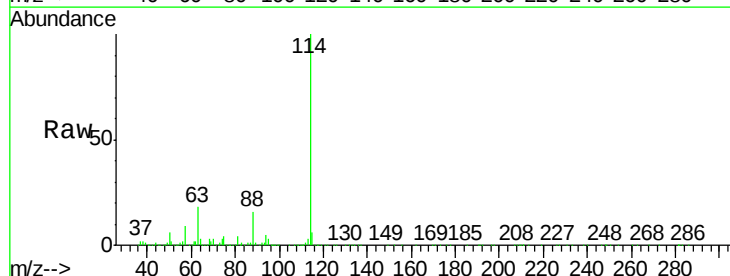
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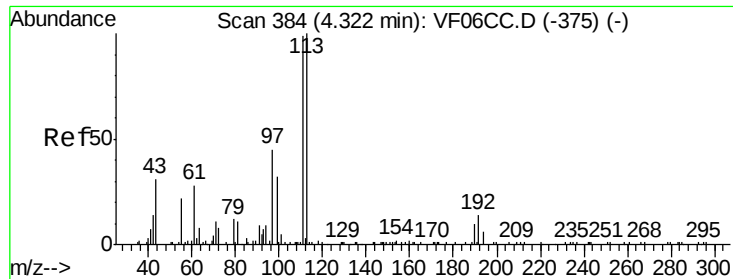
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.0	0.0	34.2	
88	16.2	0.0	31.2	





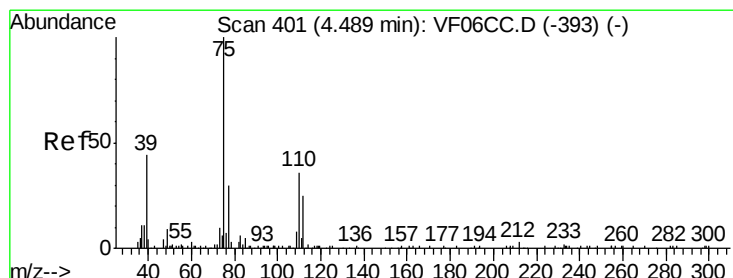
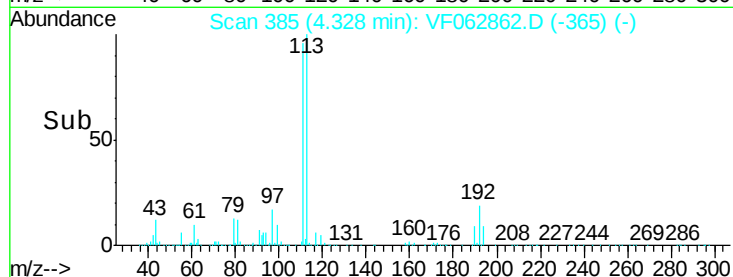
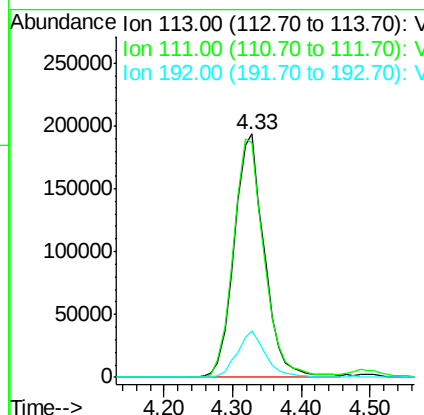
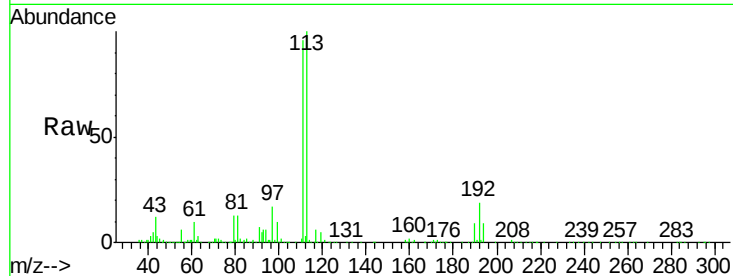
#35
Dibromofluoromethane
Concen: 56.351 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	586748		
111	96.5	81.9	122.9	
192	18.9	15.1	22.7	

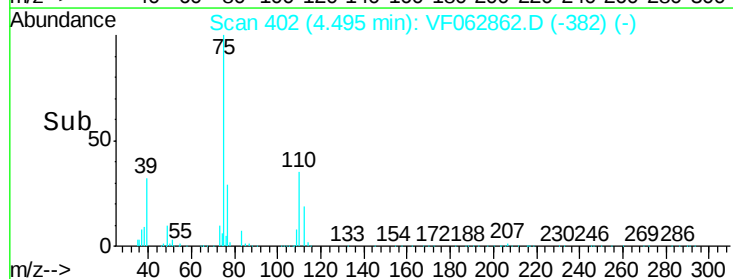
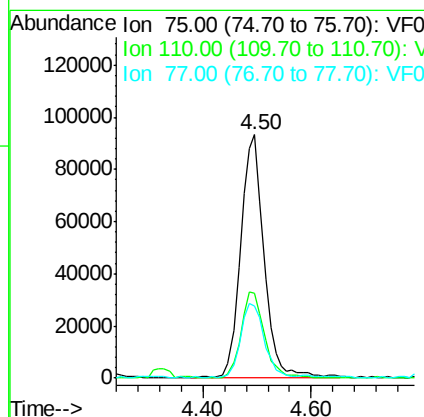
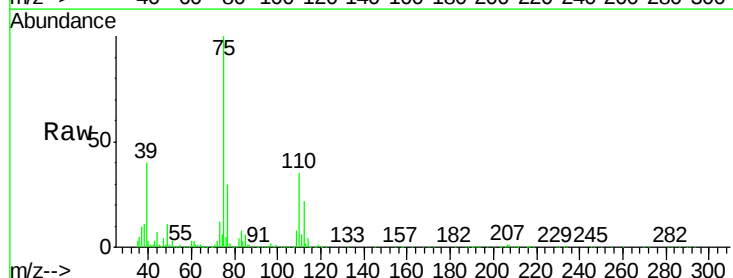
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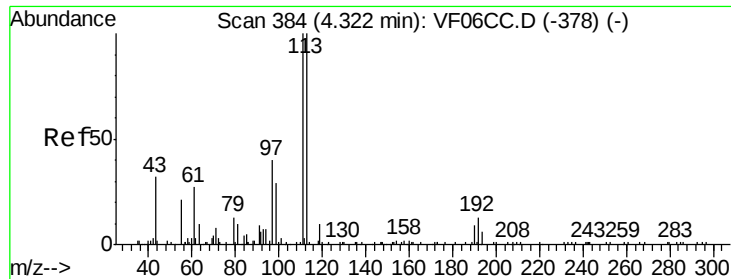
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#36
1,1-Dichloropropene
Concen: 22.166 ug/l
RT: 4.50 min Scan# 402
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	281174		
110	35.0	19.4	58.1	
77	29.6	25.4	38.2	





#37

Ethyl Acetate

Concen: 21.402 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.02 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

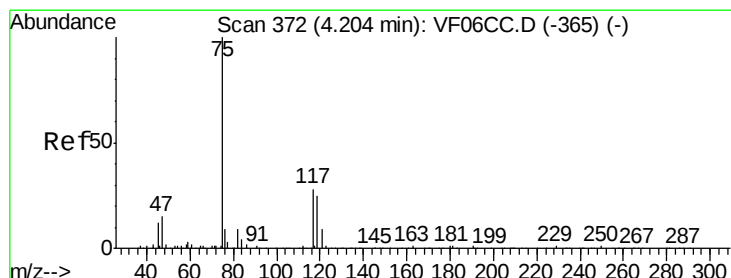
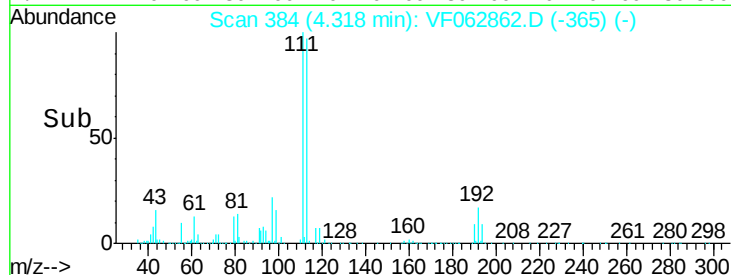
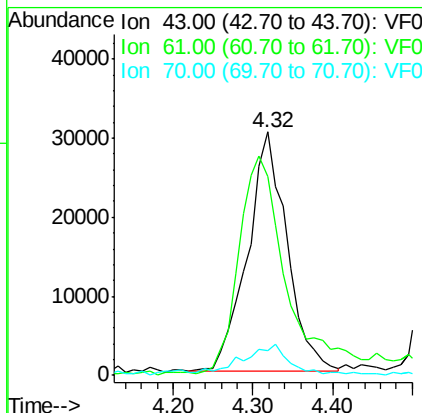
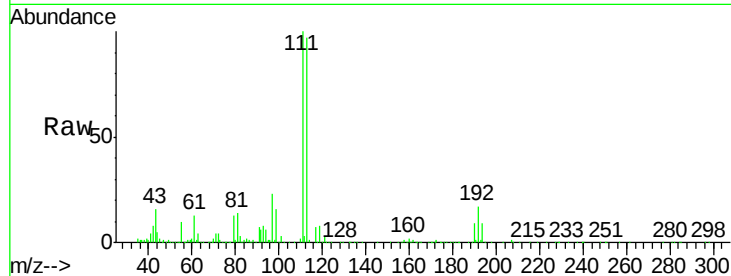
ClientSampleId :

VF0605SBS01

Tot Ion:	43	Resp:	103780
Ion	Ratio	Lower	Upper
43	100		
61	81.6	59.1	88.7
70	10.3	10.1	15.1

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#38

Carbon Tetrachloride

Concen: 21.989 ug/l

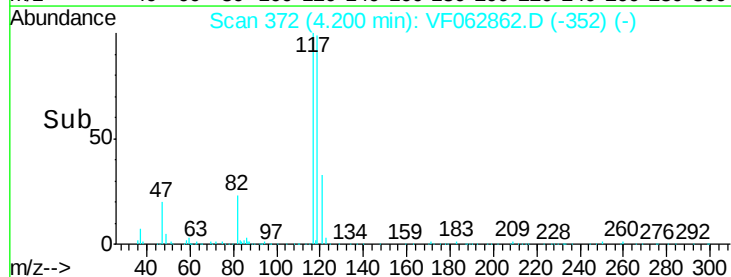
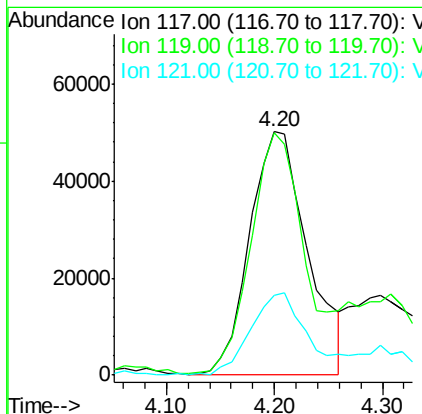
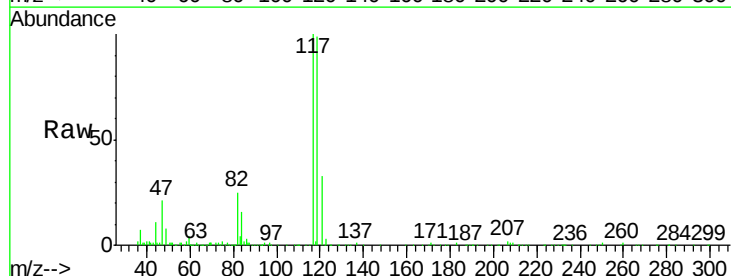
RT: 4.20 min Scan# 372

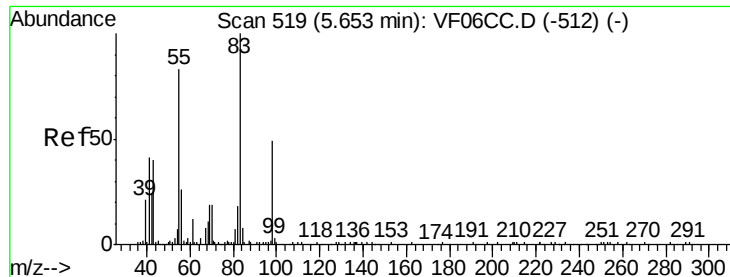
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	117	Resp:	188509
Ion	Ratio	Lower	Upper
117	100		
119	99.3	78.2	117.2
121	32.8	28.2	42.2





#39

Methylcyclohexane

Concen: 21.305 ug/l

RT: 5.65 min Scan# 519

Delta R.T. -0.01 min

Lab File: VF062862.D

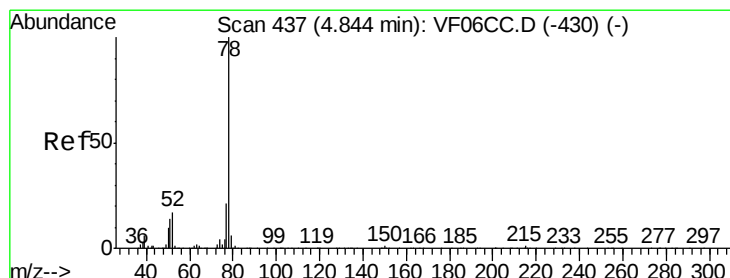
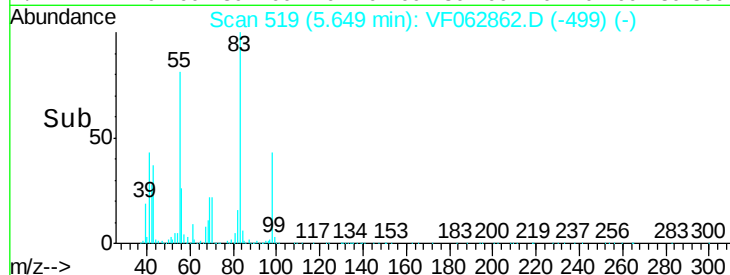
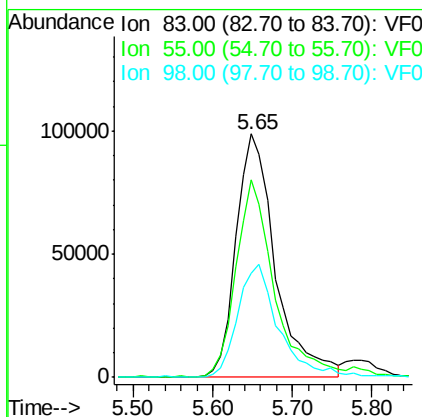
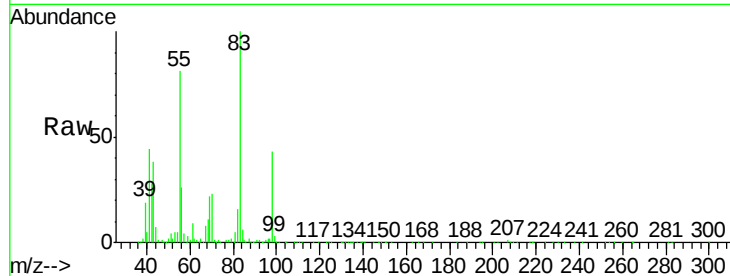
Acq: 5 Jun 2019 13:47

Tot Ion:	83	Resp:	336363
Ion Ratio	Lower	Upper	
83	100		
55	80.9	61.6	92.4
98	42.9	37.4	56.2

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBSD01

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#40

Benzene

Concen: 21.864 ug/l

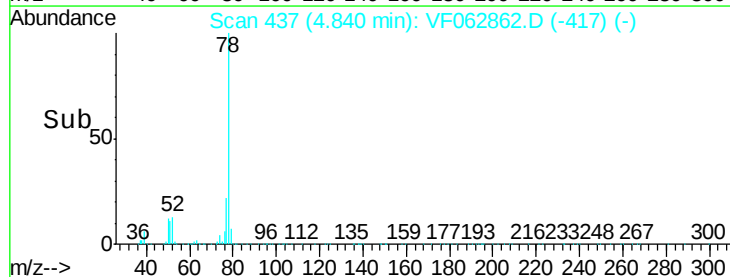
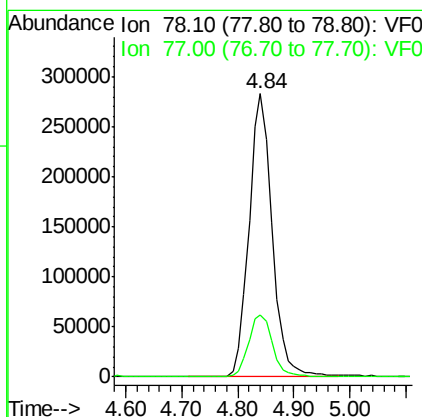
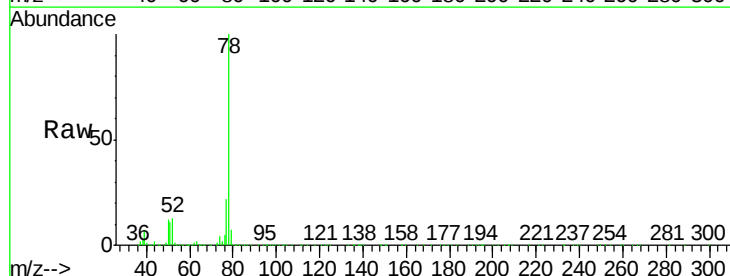
RT: 4.84 min Scan# 437

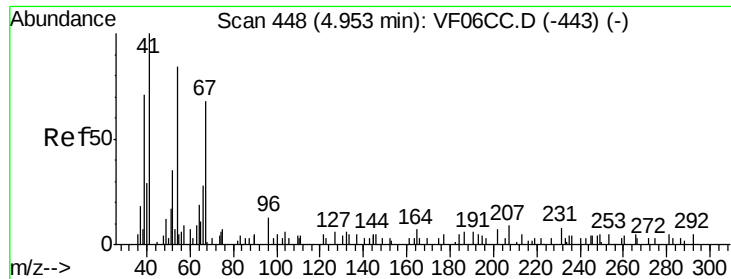
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	78	Resp:	807194
Ion Ratio	Lower	Upper	
78	100		
77	22.0	18.9	28.3





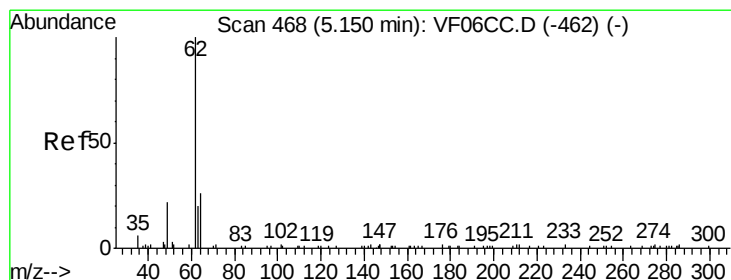
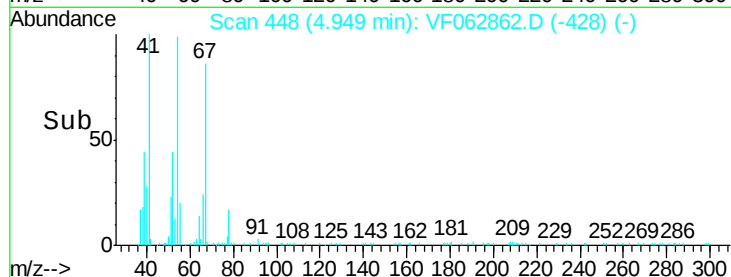
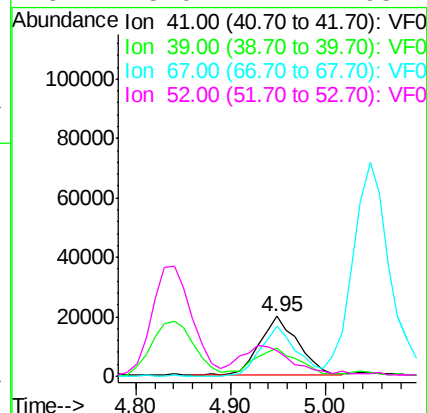
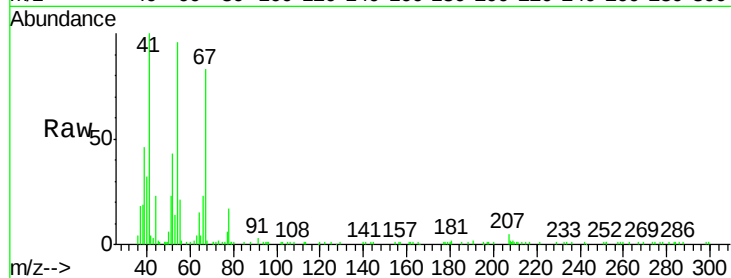
#41
Methacrylonitrile
Concen: 20.813 ug/l
RT: 4.95 min Scan# 448
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	46.3	42.0	63.0
67	82.9	61.4	92.0
52	43.0	42.1	63.1

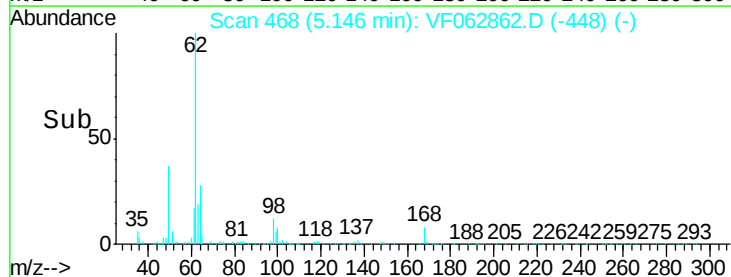
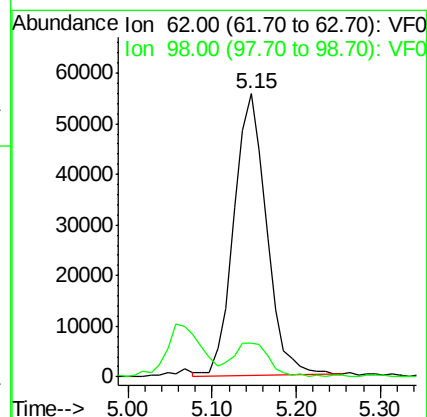
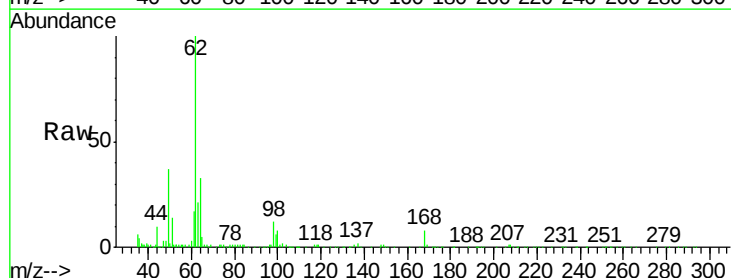
Manual Integrations
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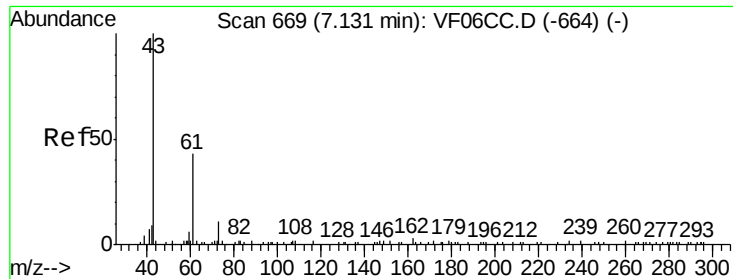
MMDadoda
6/6/2019 11:51:08 AM



#42
1,2-Dichloroethane
Concen: 21.378 ug/l
RT: 5.15 min Scan# 468
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	24.0





#43

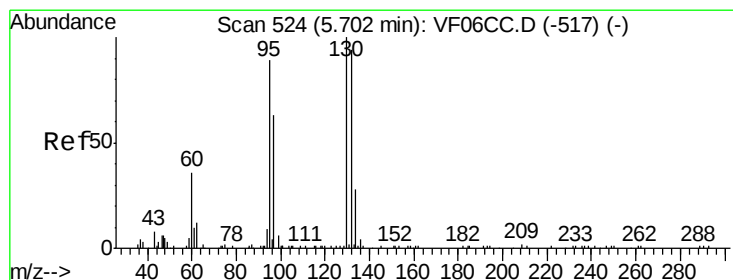
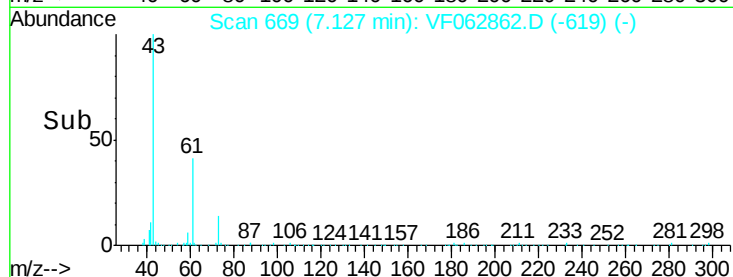
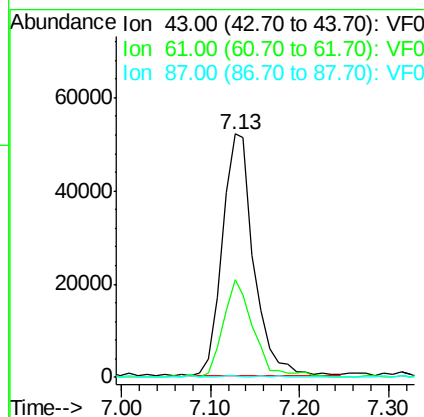
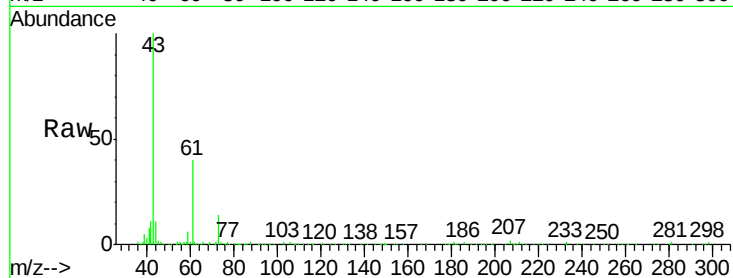
Isopropyl Acetate
 Concen: 20.206 ug/l
 RT: 7.13 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0605SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	40.1	29.8	44.6
87	0.7	0.3	0.5

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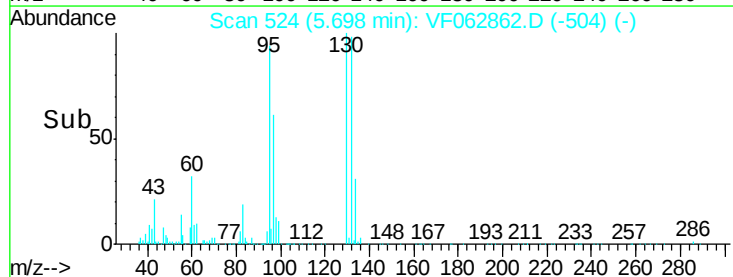
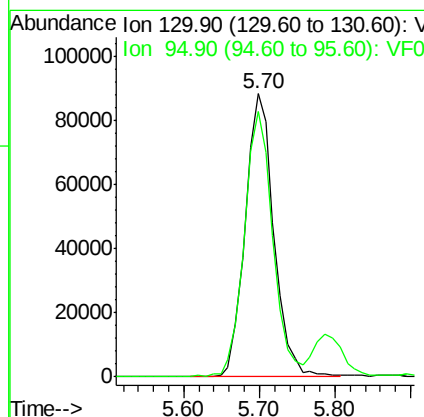
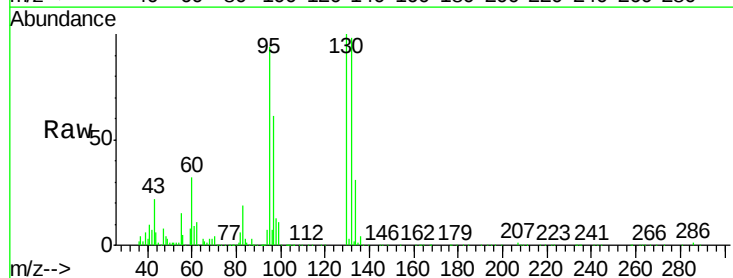
MMDadoda
 6/6/2019 11:51:08 AM

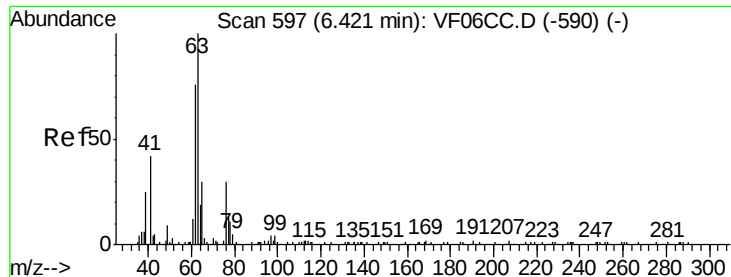


#44

Trichloroethene
 Concen: 22.293 ug/l
 RT: 5.70 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	188.2





#45

1,2-Dichloropropane

Concen: 21.428 ug/l

RT: 6.43 min Scan# 598

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBSD01

Tot Ion: 63 Resp: 198519

Ion Ratio Lower Upper

63 100

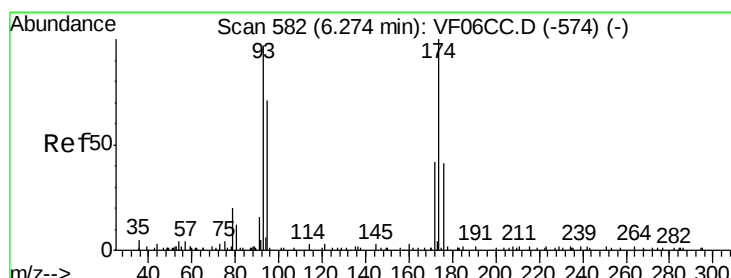
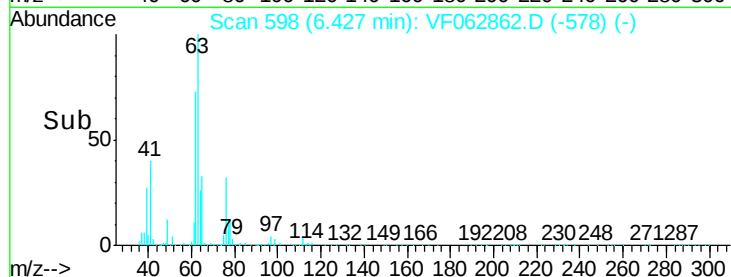
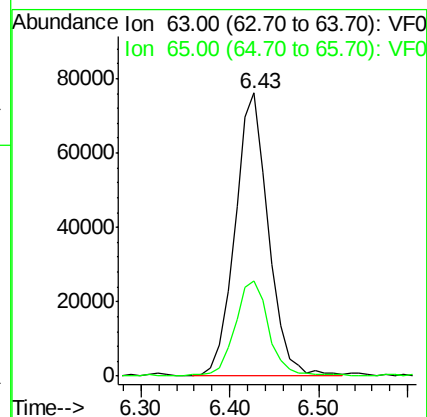
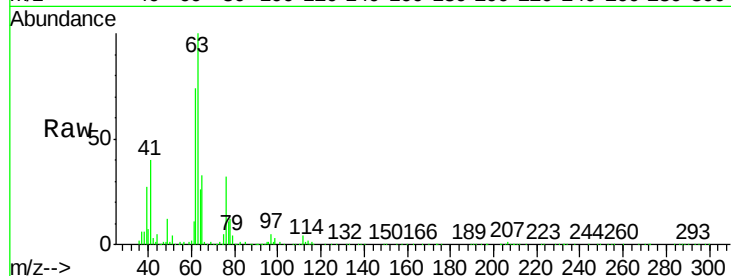
65 33.4 24.2 36.2

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#46

Dibromomethane

Concen: 21.402 ug/l

RT: 6.27 min Scan# 582

Delta R.T. -0.02 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

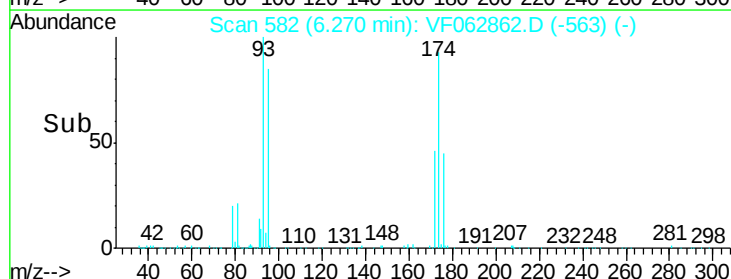
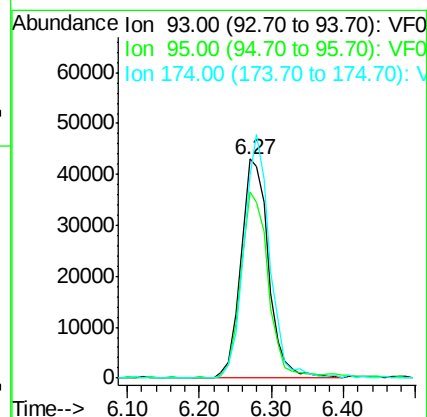
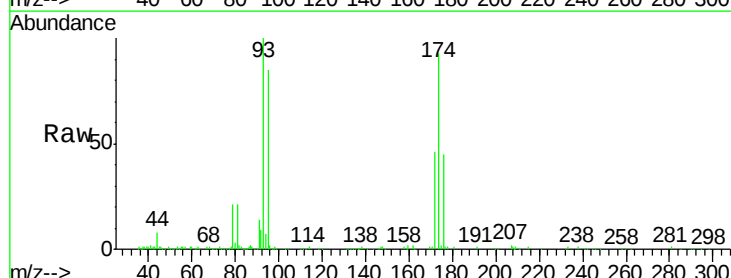
Tgt Ion: 93 Resp: 115761

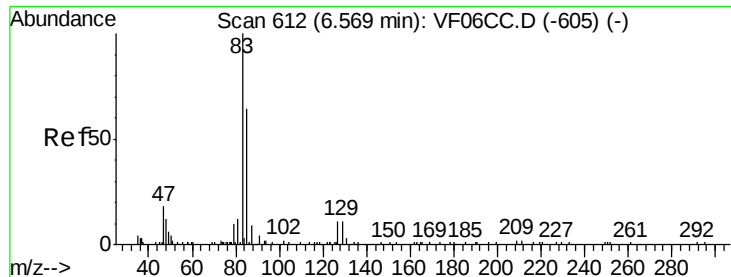
Ion Ratio Lower Upper

93 100

95 85.2 67.9 101.9

174 92.5 85.0 127.4





#47

Bromodichloromethane

Concen: 20.520 ug/l

RT: 6.57 min Scan# 612

Delta R.T. -0.02 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

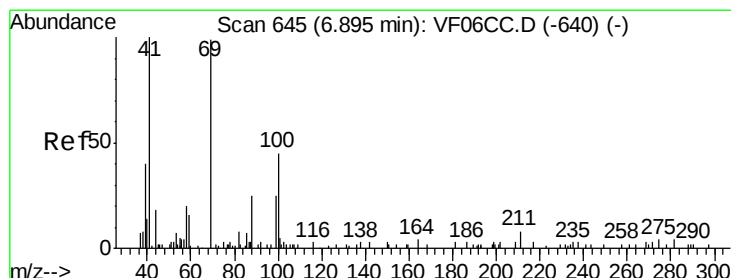
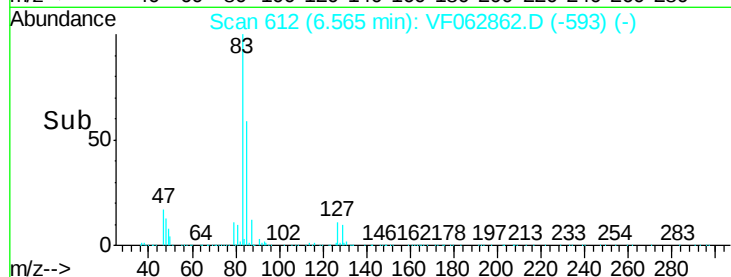
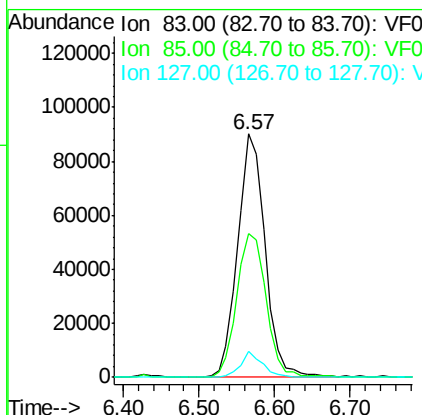
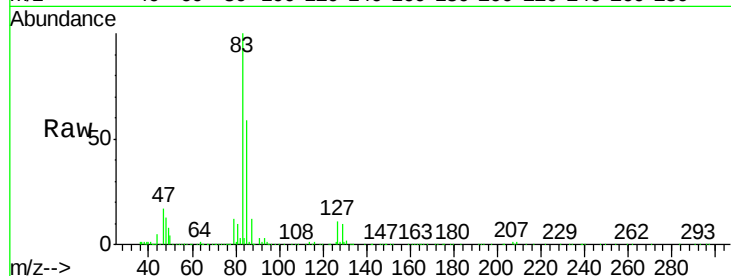
ClientSampleId :

VF0605SBS01

Tot Ion:	83	Resp:	226048
Ion Ratio	Lower	Upper	
83	100		
85	59.3	54.2	81.4
127	10.7	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.798 ug/l

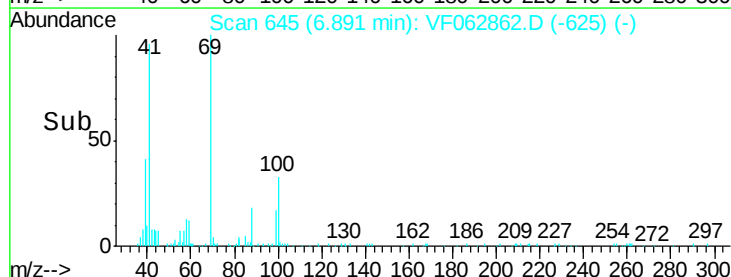
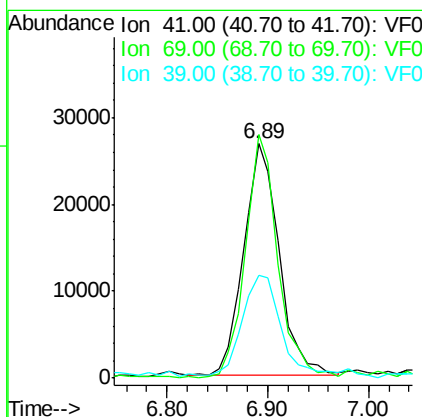
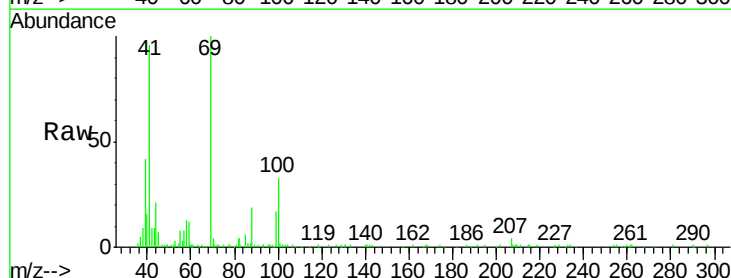
RT: 6.89 min Scan# 645

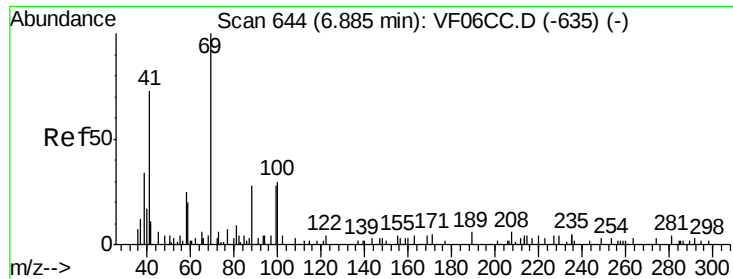
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	41	Resp:	65359
Ion Ratio	Lower	Upper	
41	100		
69	103.8	79.4	119.2
39	43.6	39.8	59.6





#49

1,4-Dioxane

Concen: 374.454 ug/l

RT: 6.89 min Scan# 645

Delta R.T. 0.00 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

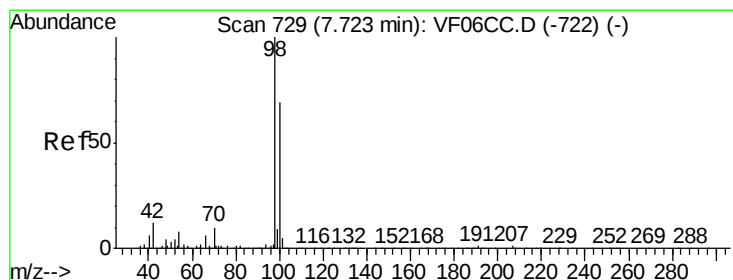
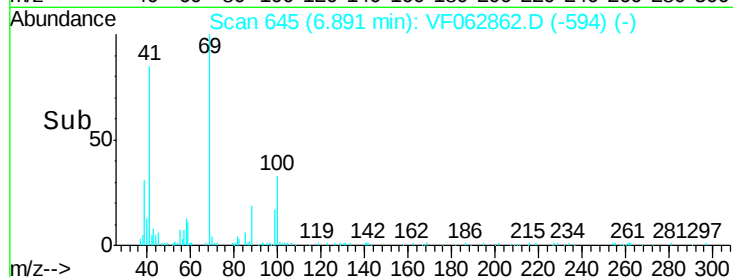
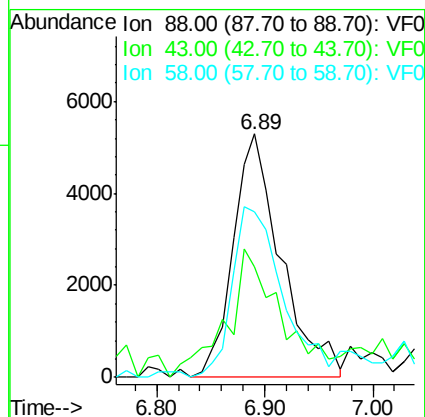
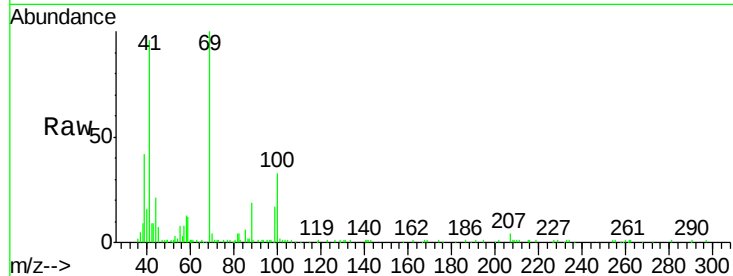
ClientSampleId :

VF0605SBSD01

Tot Ion:	88	Resp:	16294
Ion Ratio	Lower	Upper	
88	100		
43	45.3	34.8	52.2
58	67.8	59.9	89.9

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#50

Toluene-d8

Concen: 54.421 ug/l

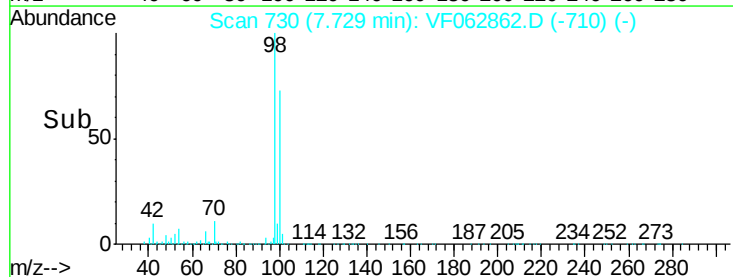
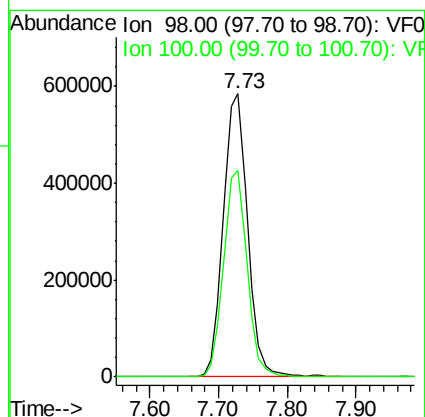
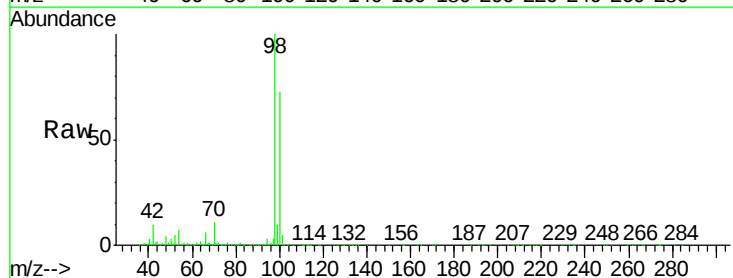
RT: 7.73 min Scan# 730

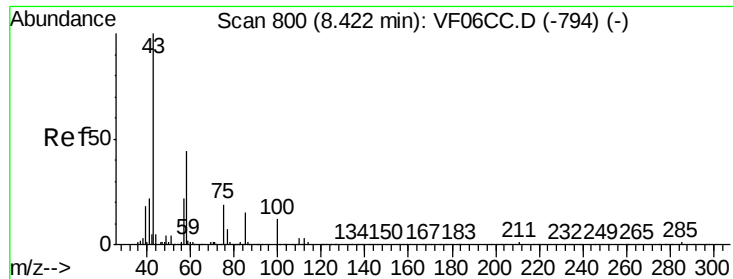
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	98	Resp:	1432919
Ion Ratio	Lower	Upper	
98	100		
100	73.1	59.8	89.8





#51

4-Methyl-2-Pentanone

Concen: 112.798 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBS01

Tot Ion: 43 Resp: 515854

Ion Ratio Lower Upper

43 100

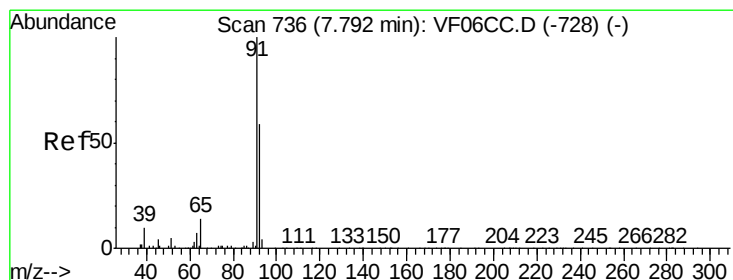
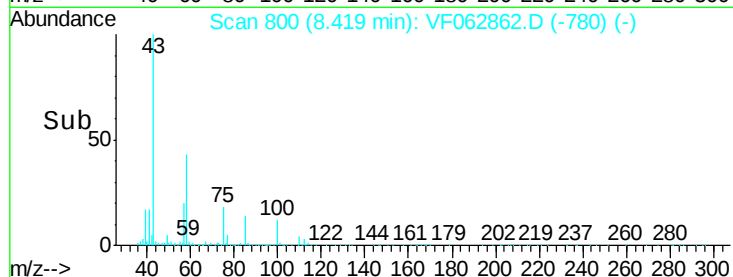
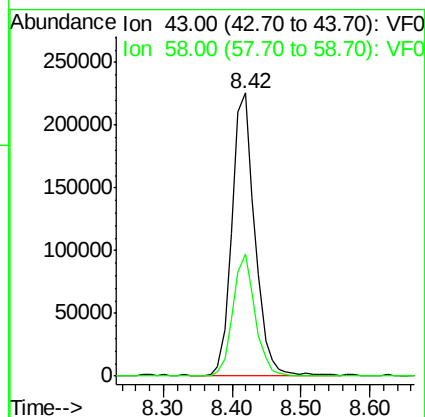
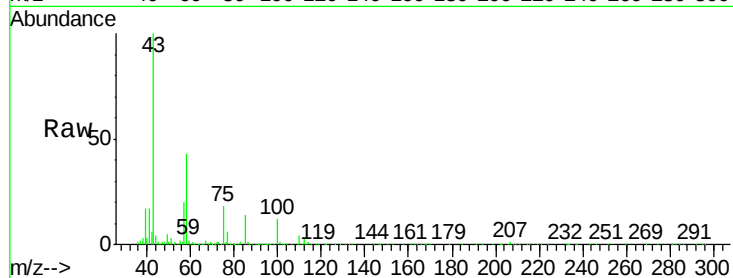
58 43.1 35.5 53.3

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#52

Toluene

Concen: 21.935 ug/l

RT: 7.80 min Scan# 737

Delta R.T. -0.01 min

Lab File: VF062862.D

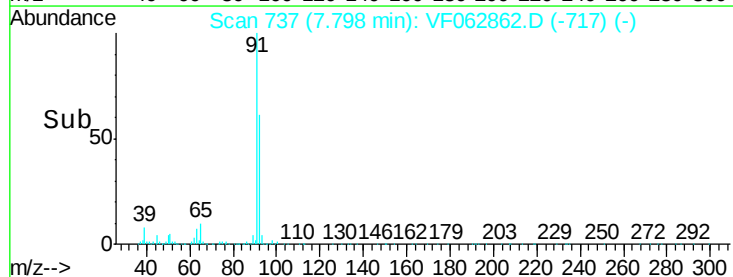
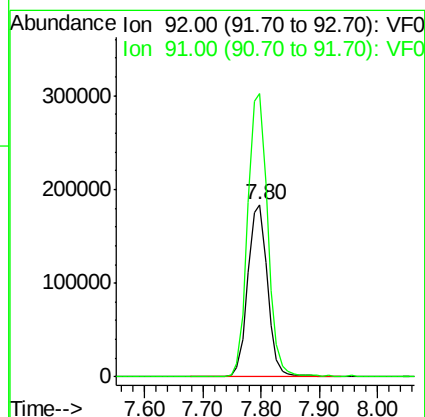
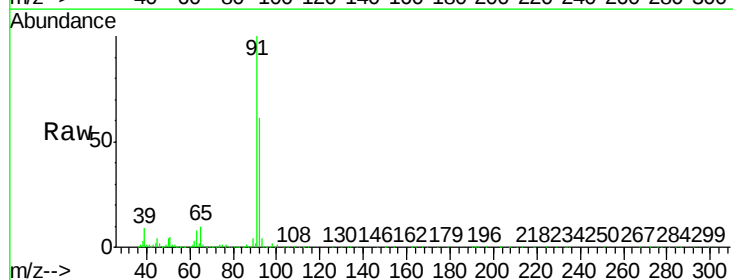
Acq: 5 Jun 2019 13:47

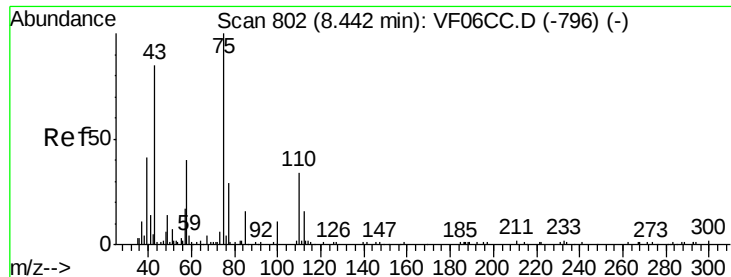
Tgt Ion: 92 Resp: 436169

Ion Ratio Lower Upper

92 100

91 164.3 123.2 184.8





#53

t-1,3-Dichloropropene

Concen: 22.298 ug/l

RT: 8.44 min Scan# 802

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tot Ion: 75 Resp: 203539

Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

Instrument :

MSVOA_F

ClientSampleId :

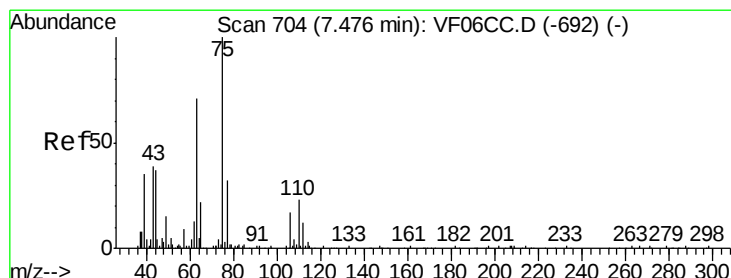
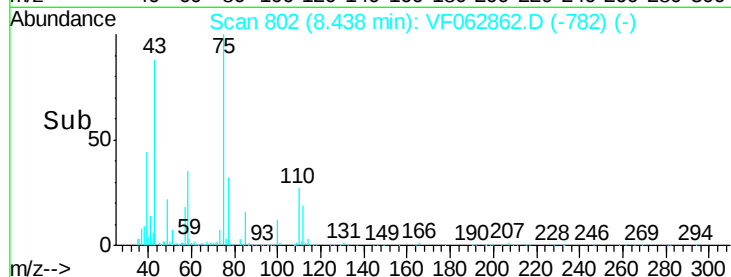
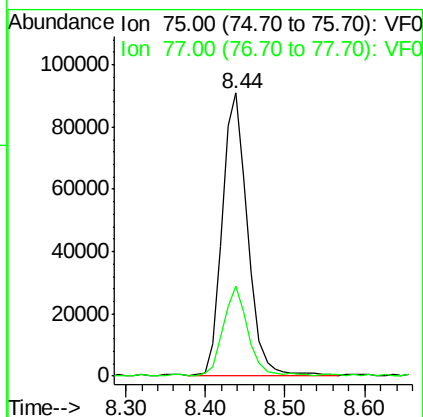
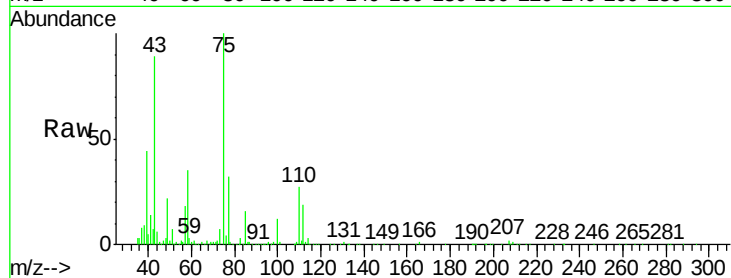
VF0605SBSD01

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#54

cis-1,3-Dichloropropene

Concen: 21.288 ug/l

RT: 7.47 min Scan# 704

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

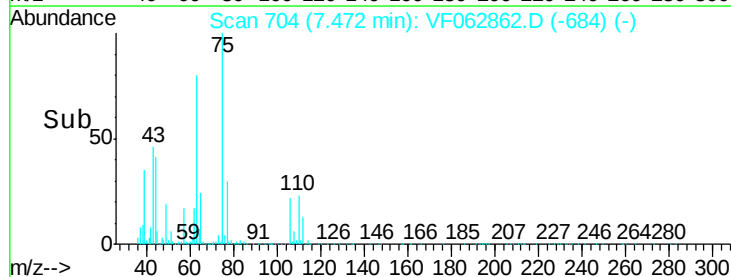
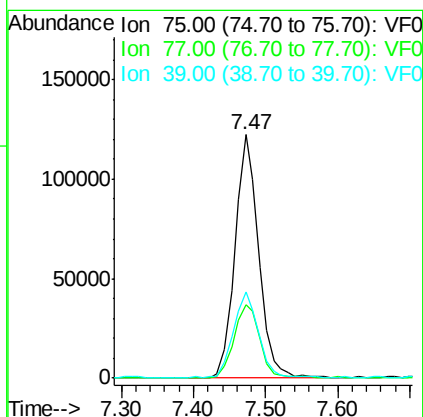
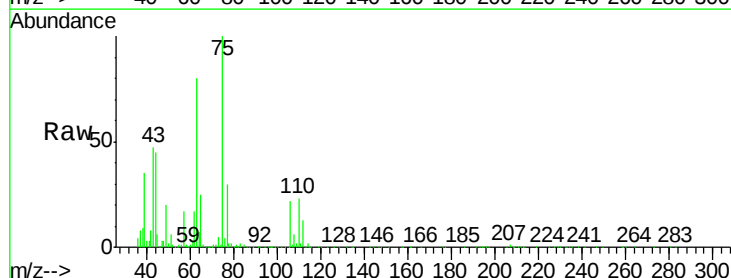
Tgt Ion: 75 Resp: 281285

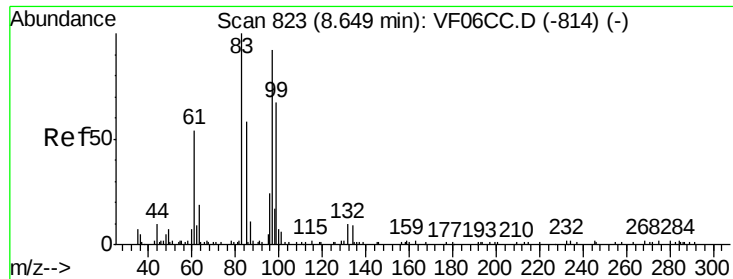
Ion Ratio Lower Upper

75 100

77 30.1 25.8 38.8

39 35.2 28.4 42.6





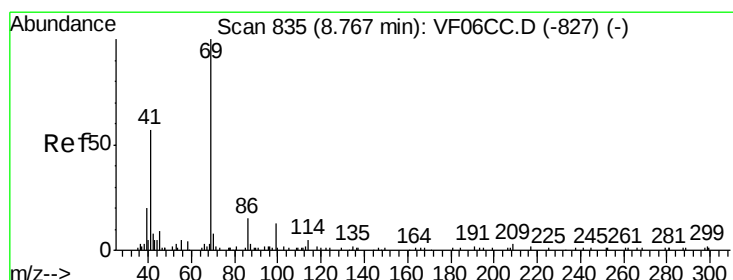
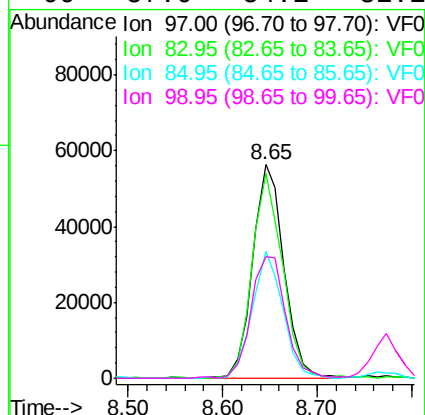
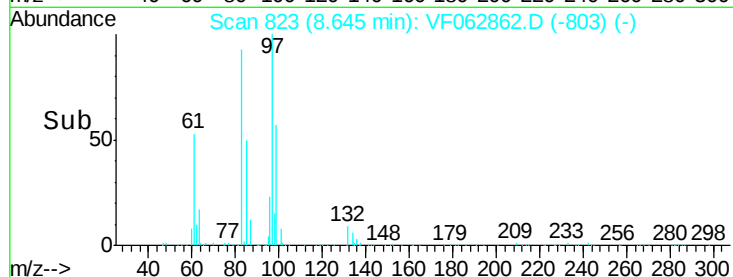
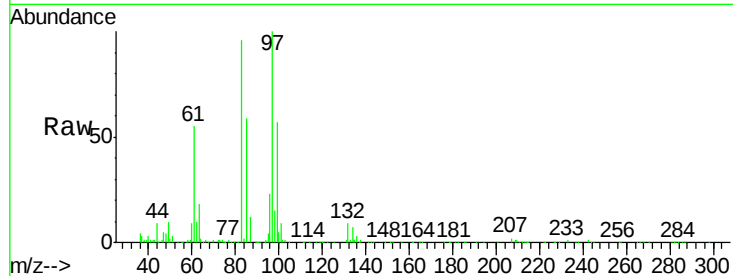
#55
1,1,2-Trichloroethane
Concen: 21.796 ug/l
RT: 8.65 min Scan# 823
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBSD01

Tot Ion:	97	Resp:	129479
Ion	Ratio	Lower	Upper
97	100		
83	95.7	72.0	108.0
85	59.3	47.5	71.3
99	57.0	54.1	81.1

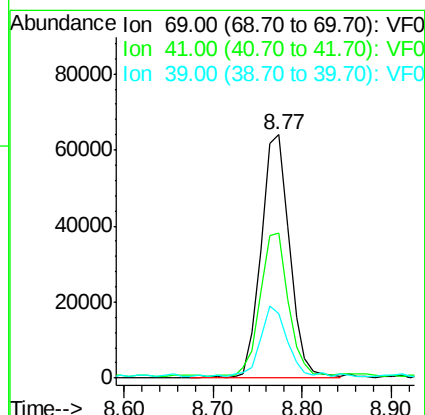
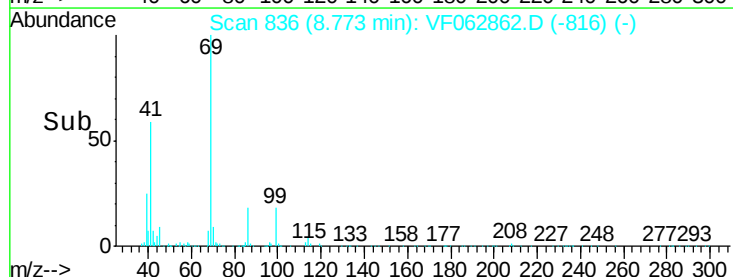
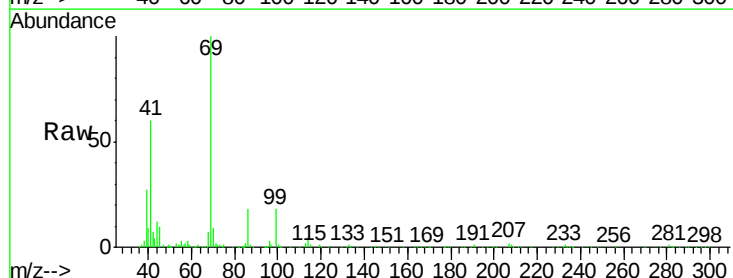
Manual Integrations
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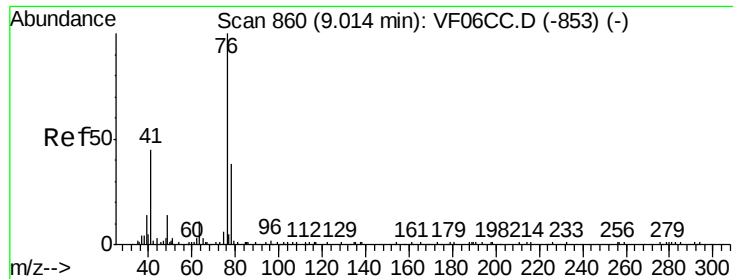
MMDadoda
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#56
Ethyl methacrylate
Concen: 22.166 ug/l
RT: 8.77 min Scan# 836
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion:	69	Resp:	141285
Ion	Ratio	Lower	Upper
69	100		
41	59.6	46.6	69.8
39	26.6	19.6	29.4





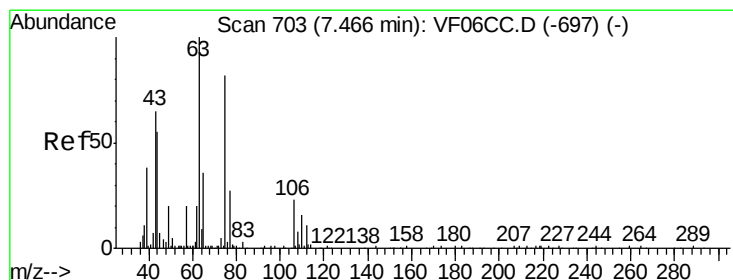
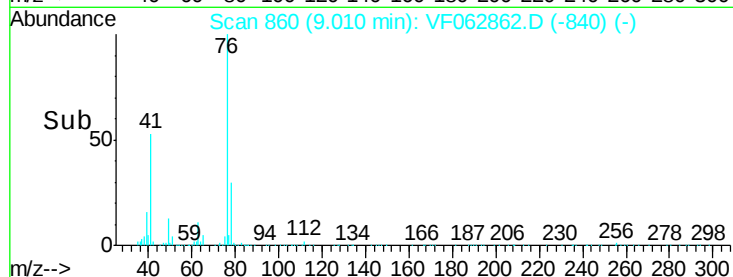
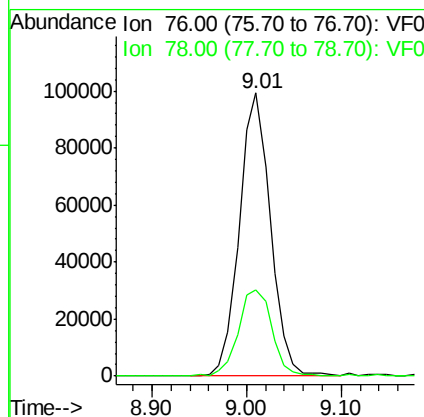
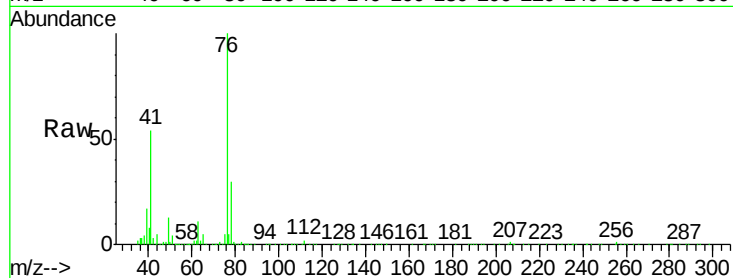
#57
 1,3-Dichloropropane
 Concen: 23.309 ug/l
 RT: 9.01 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0605SBSD01

Tot Ion: 76 Resp: 226120
 Ion Ratio Lower Upper
 76 100
 78 30.3 26.8 40.2

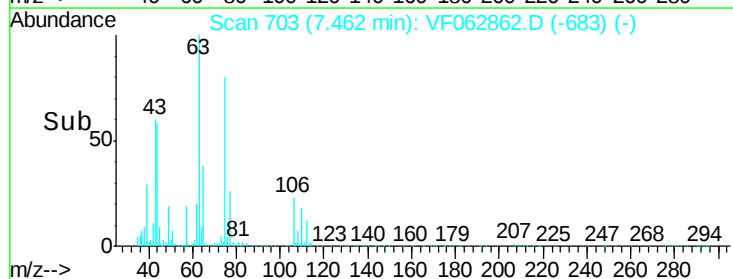
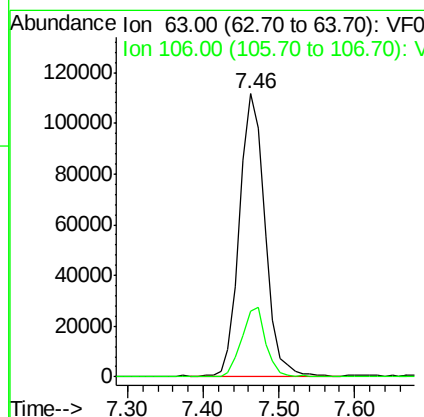
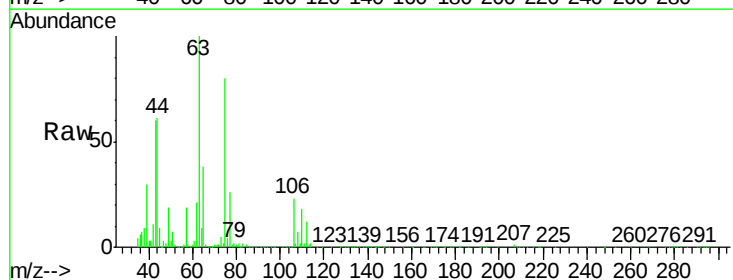
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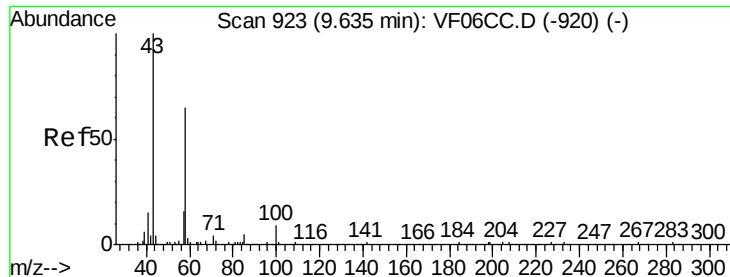
MMDadoda
 6/6/2019 11:51:08 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.270 ug/l
 RT: 7.46 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Tgt Ion: 63 Resp: 256779
 Ion Ratio Lower Upper
 63 100
 106 23.2 19.5 29.3





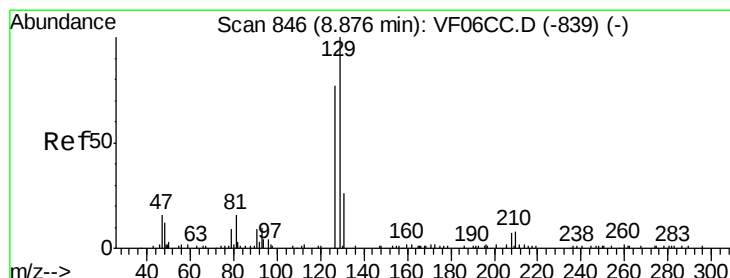
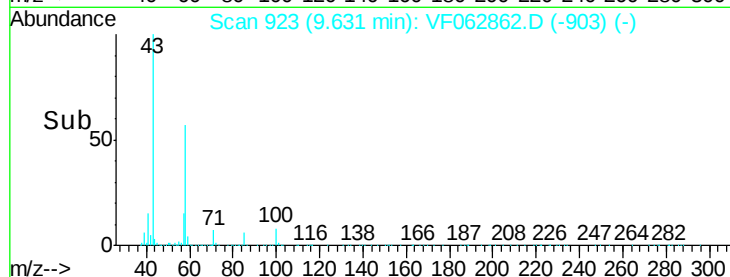
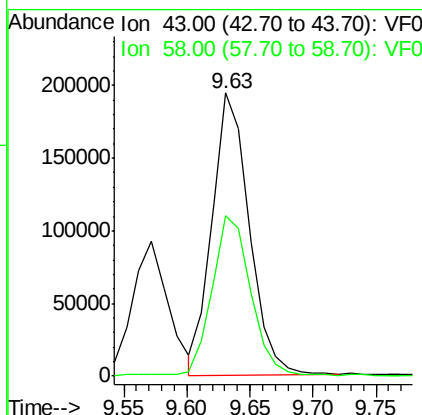
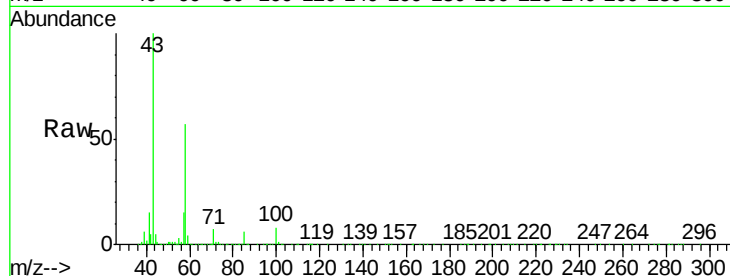
#59
2-Hexanone
Concen: 121.751 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBSD01

Tot Ion: 43 Resp: 396865
Ion Ratio Lower Upper
43 100
58 56.6 29.3 87.9

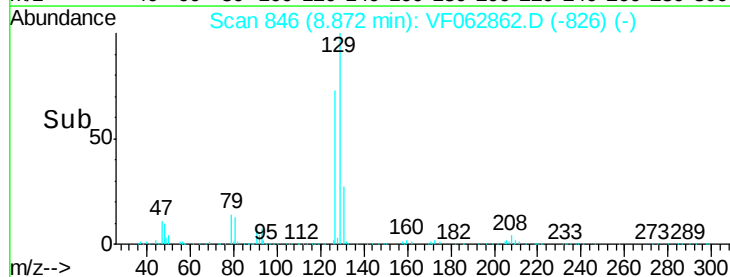
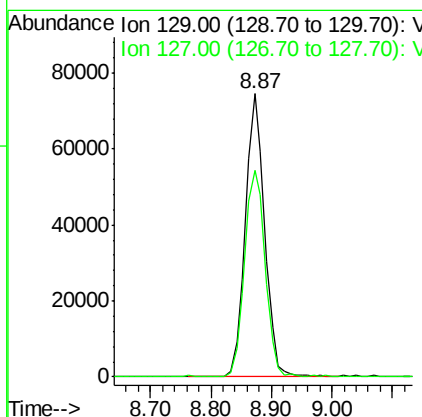
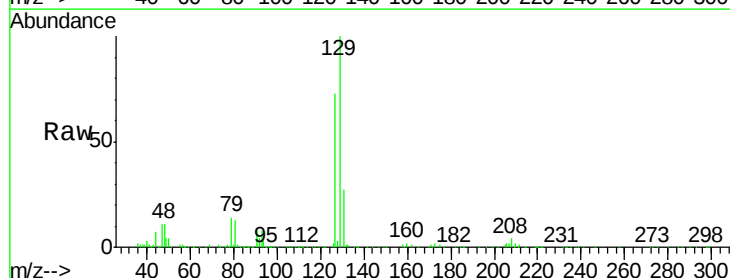
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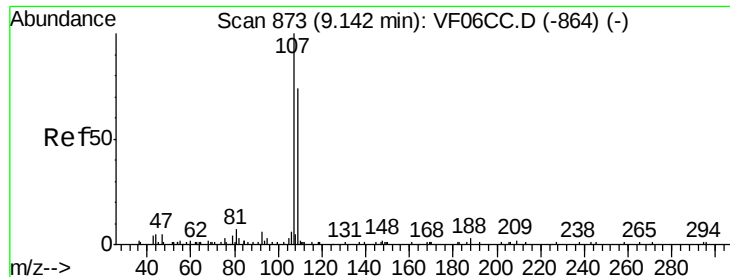
MMDadoda
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#60
Dibromochloromethane
Concen: 22.565 ug/l
RT: 8.87 min Scan# 846
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion: 129 Resp: 165959
Ion Ratio Lower Upper
129 100
127 73.0 37.1 111.3





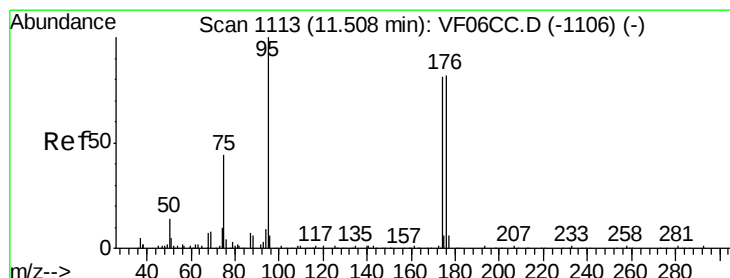
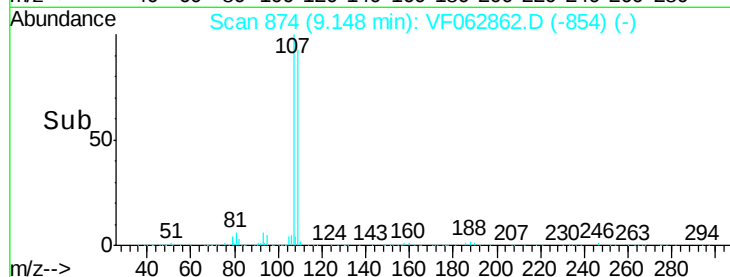
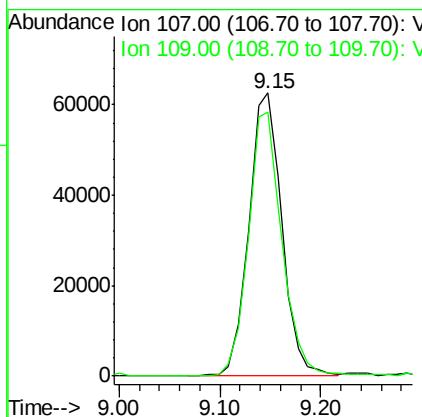
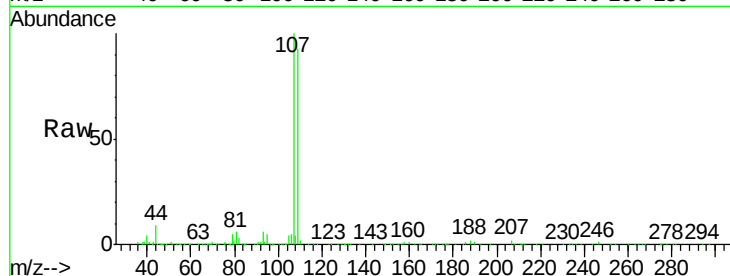
#61
1,2-Dibromoethane
Concen: 23.142 ug/l
RT: 9.15 min Scan# 874
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	78.1	117.1

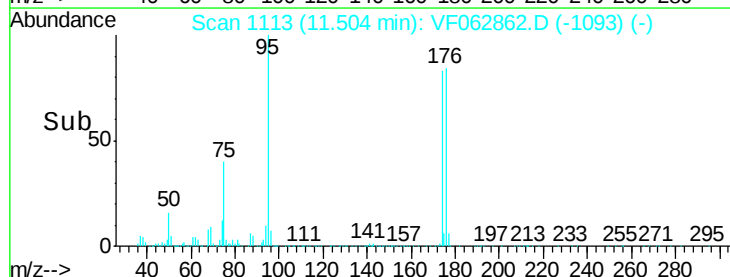
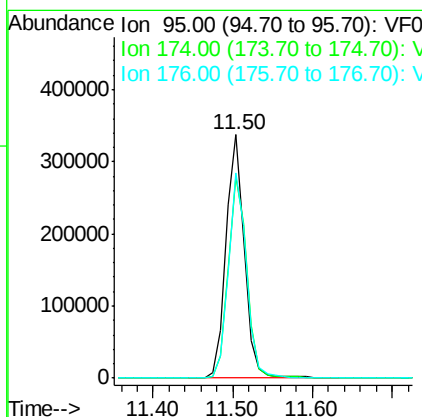
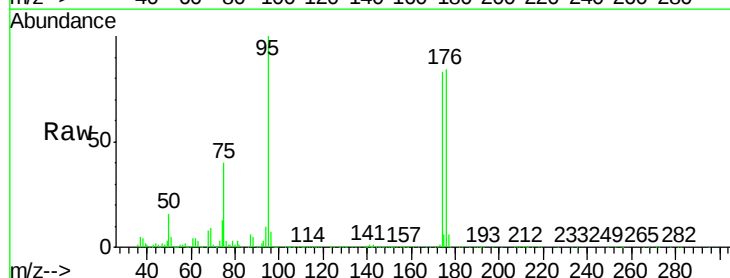
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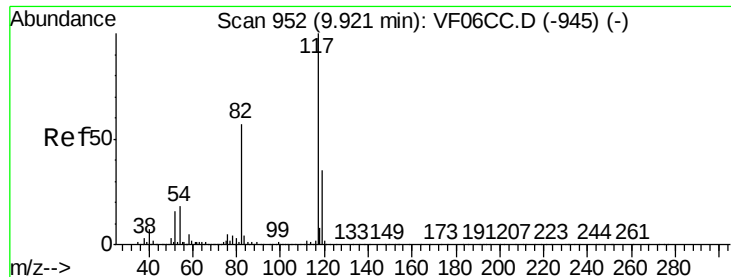
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#62
4-Bromofluorobenzene
Concen: 58.104 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	170.6
176	84.0	0.0	170.6





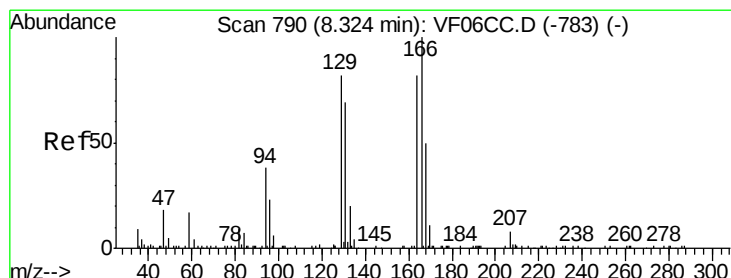
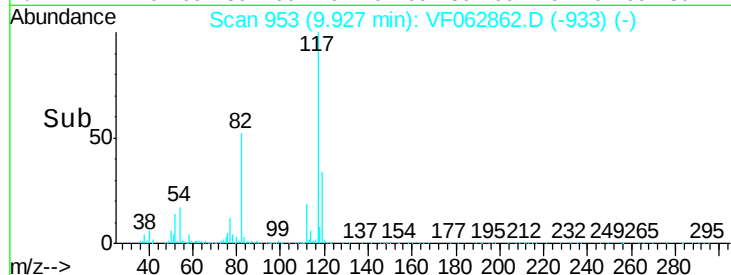
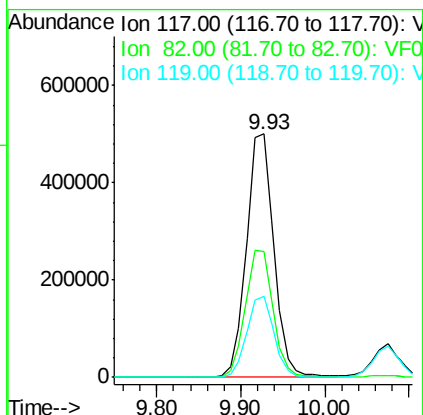
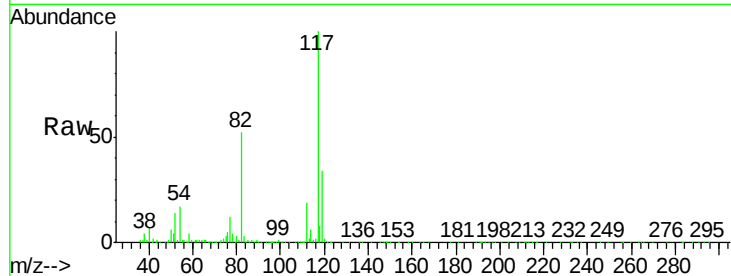
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.4	63.6
119	33.5	27.1	40.7

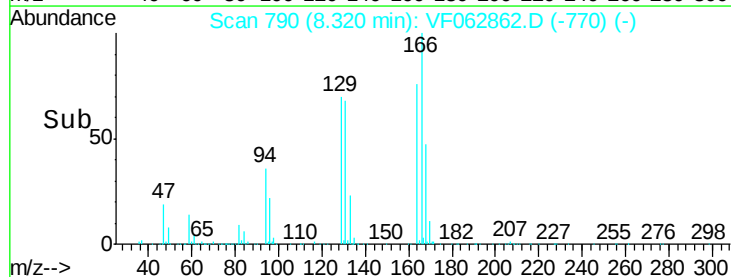
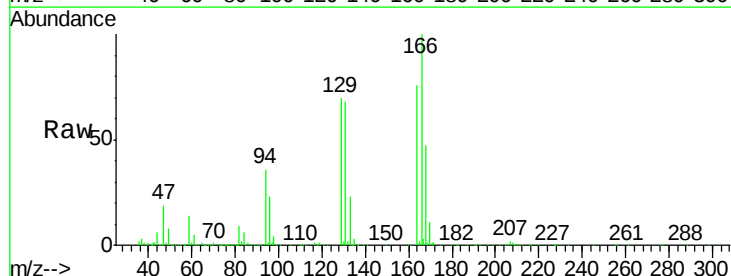
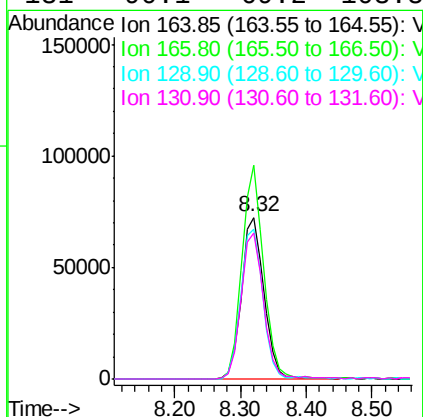
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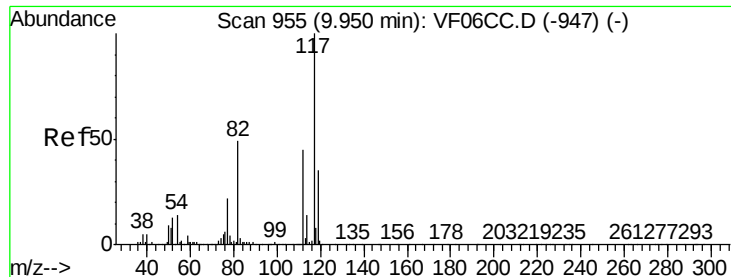
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#64
Tetrachloroethene
Concen: 19.848 ug/l
RT: 8.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	99.1	148.7
129	92.5	69.5	104.3
131	90.1	69.2	103.8





#65

Chlorobenzene

Concen: 22.078 ug/l

RT: 9.95 min Scan# 955

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBSD01

Tot Ion:112 Resp: 488034

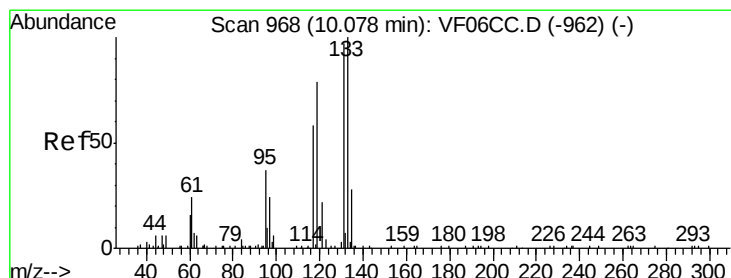
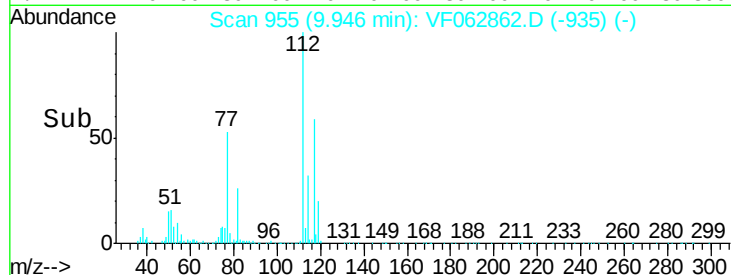
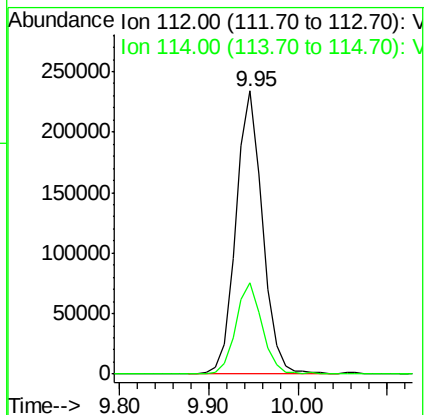
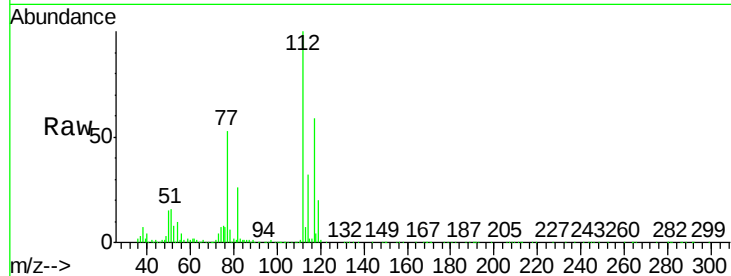
Ion Ratio Lower Upper

112 100

114 32.3 27.4 41.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.989 ug/l

RT: 10.07 min Scan# 968

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

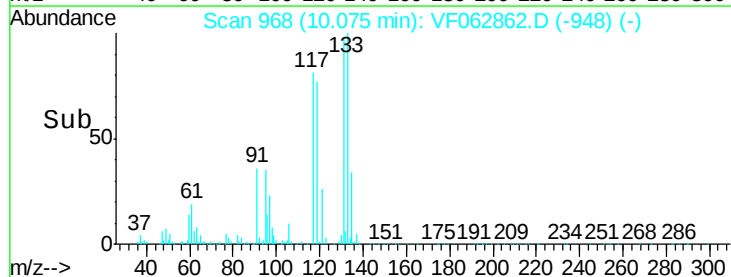
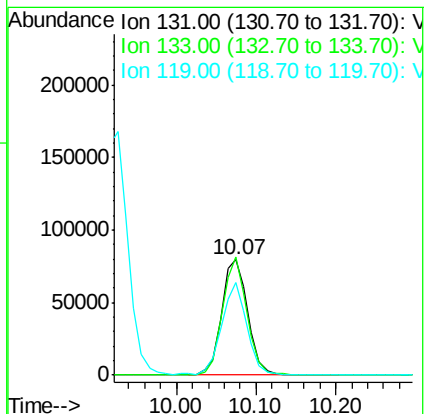
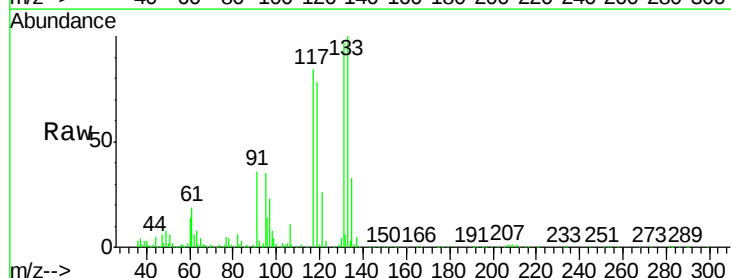
Tgt Ion:131 Resp: 184779

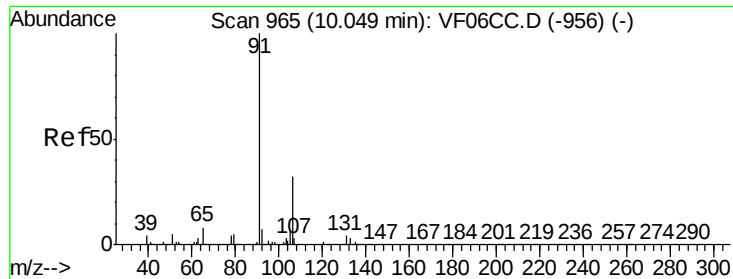
Ion Ratio Lower Upper

131 100

133 102.9 48.9 146.7

119 80.0 38.0 114.0





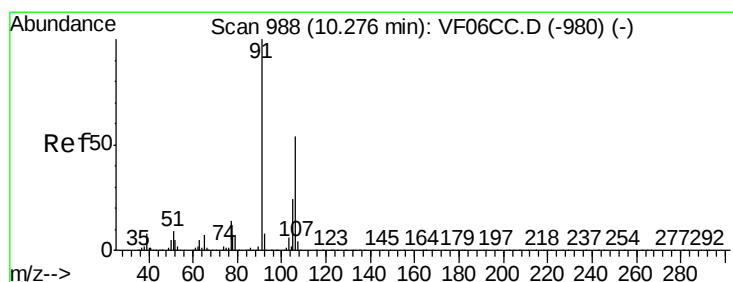
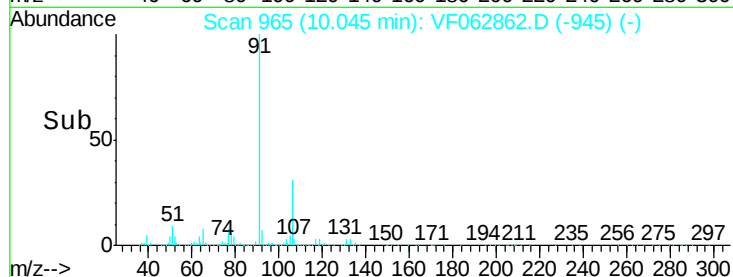
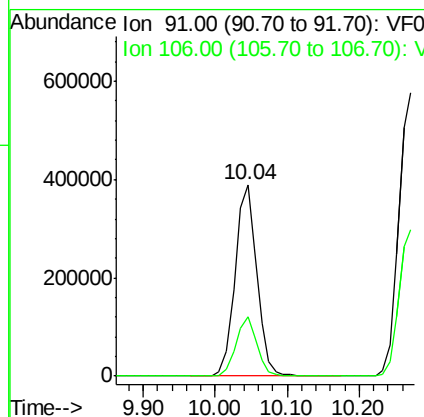
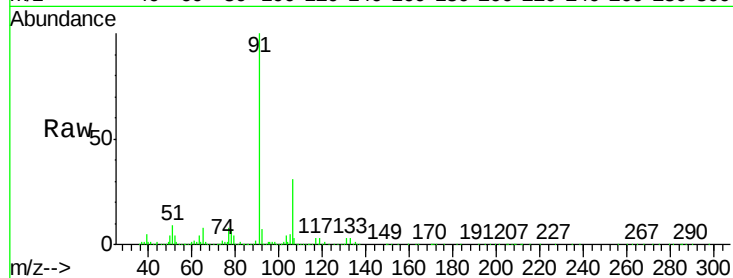
#67
Ethyl Benzene
Concen: 21.619 ug/l
RT: 10.04 min Scan# 965
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion: 91 Resp: 820080
Ion Ratio Lower Upper
91 100
106 31.0 26.0 39.0

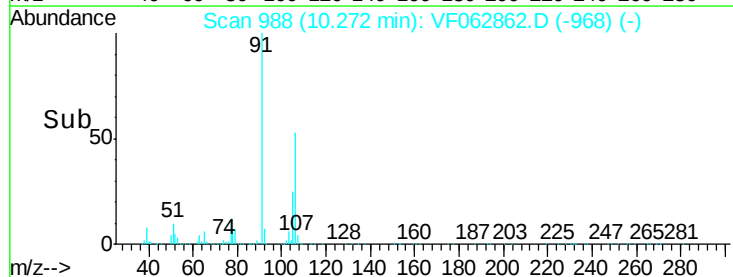
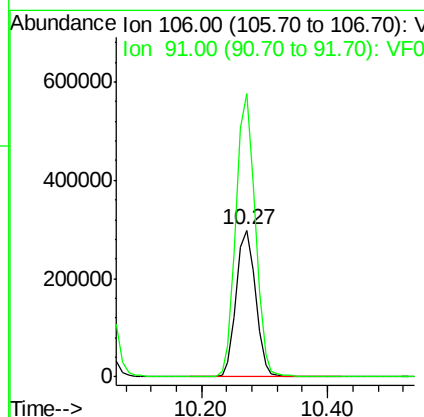
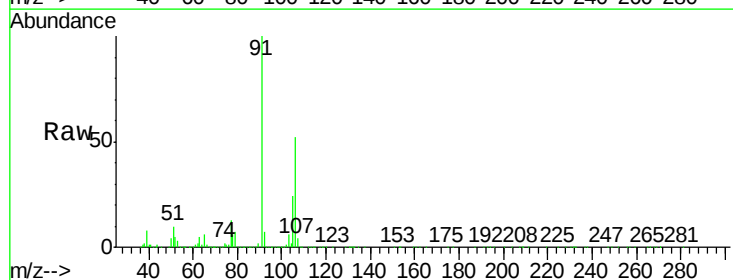
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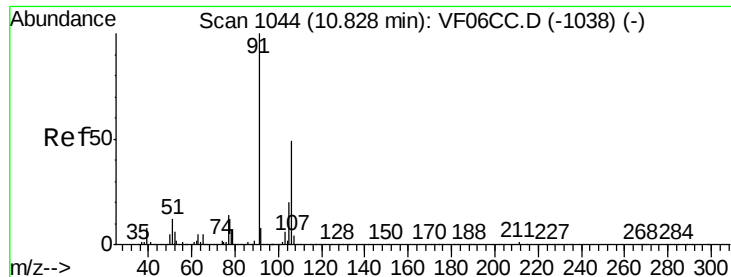
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#68
m/p-Xylenes
Concen: 43.628 ug/l
RT: 10.27 min Scan# 988
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion: 106 Resp: 633281
Ion Ratio Lower Upper
106 100
91 192.9 136.2 204.4





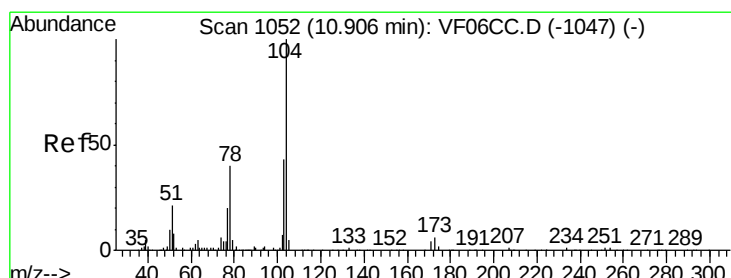
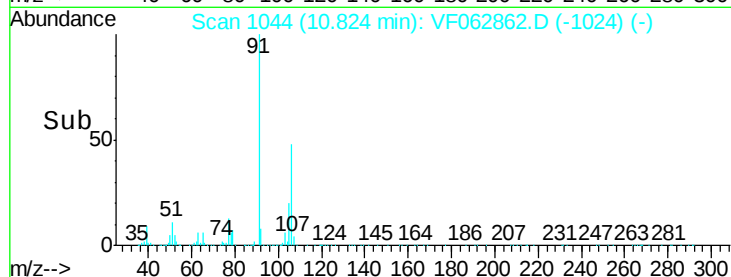
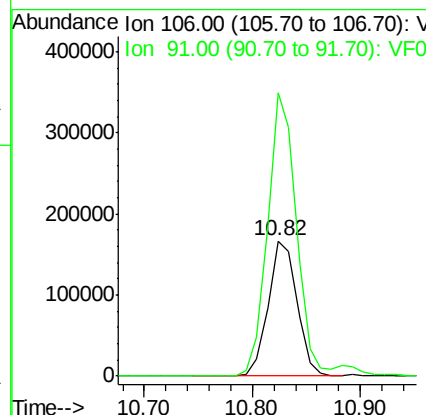
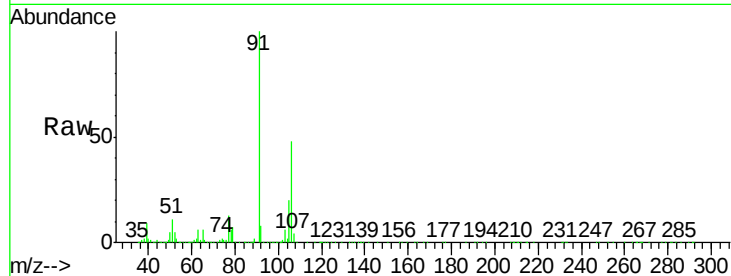
#69
o-Xylene
Concen: 20.969 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	308166		
91	209.3	96.6	289.8	

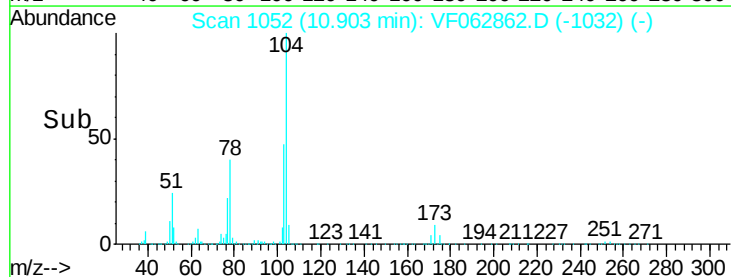
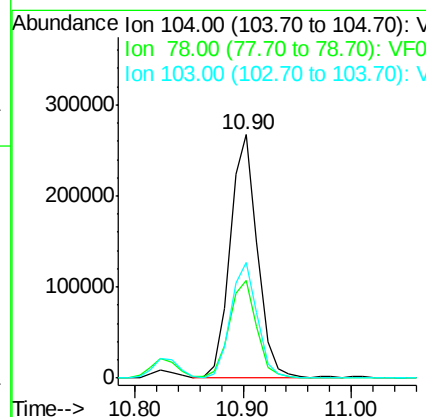
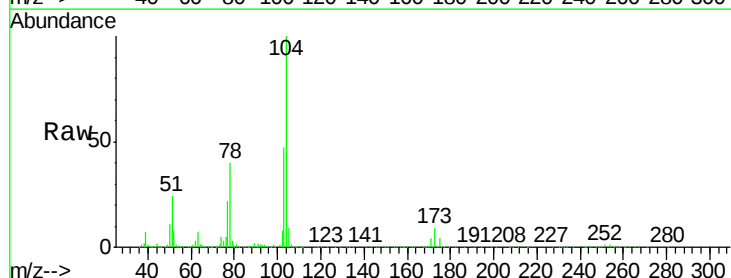
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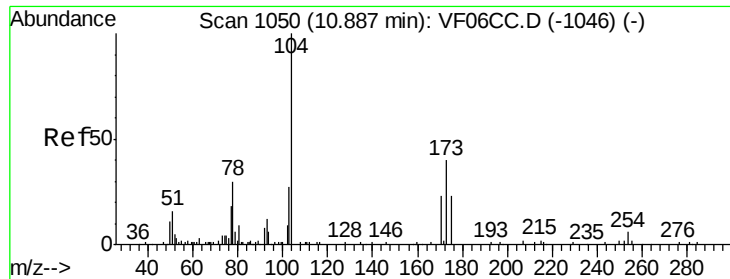
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#70
Styrene
Concen: 21.440 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	464432		
78	40.4	30.8	46.2	
103	47.2	35.8	53.6	





#71

Bromoform

Concen: 20.236 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

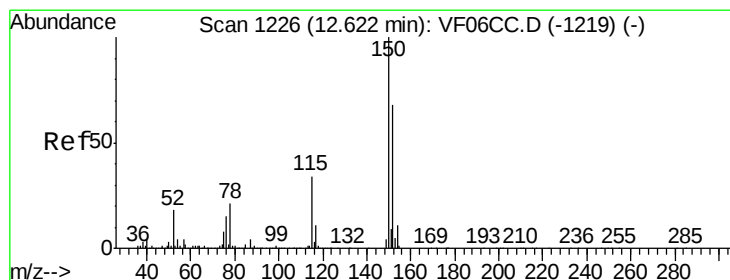
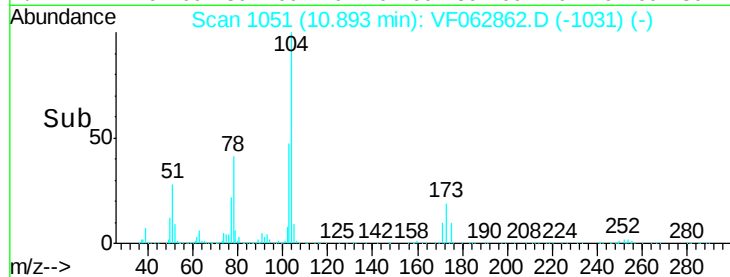
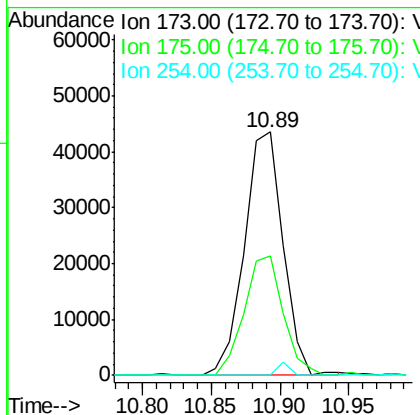
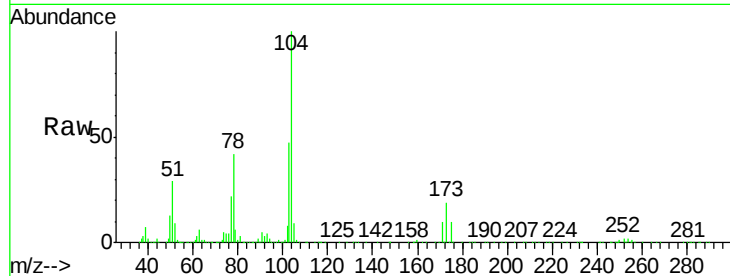
ClientSampleId :

VF0605SBS01

Tot Ion:	173	Resp:	85462
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.6	74.0
254	0.2	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

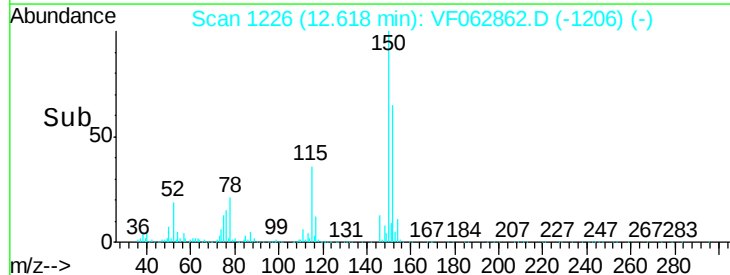
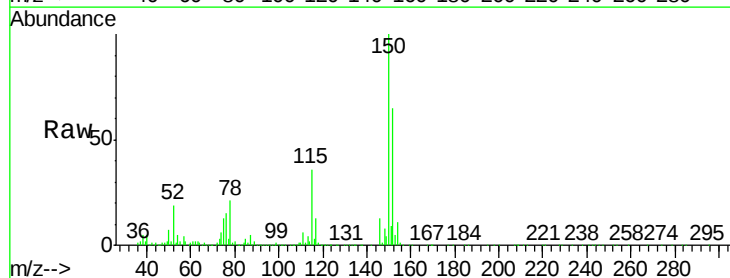
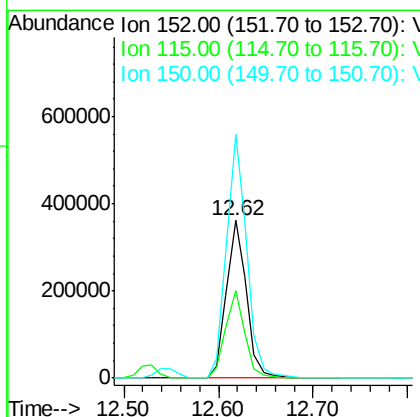
RT: 12.62 min Scan# 1226

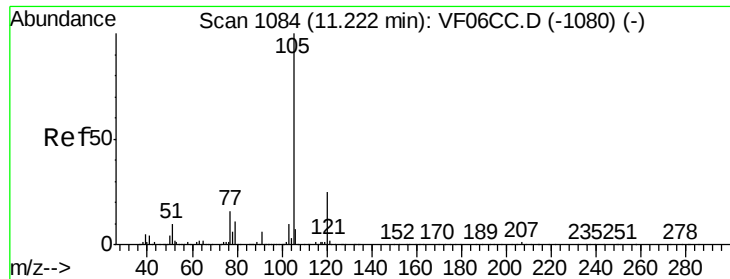
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	152	Resp:	527398
Ion Ratio	Lower	Upper	
152	100		
115	56.0	24.6	74.0
150	154.8	0.0	290.6





#73

Isopropylbenzene

Concen: 23.169 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBSD01

Tot Ion:105 Resp: 852608

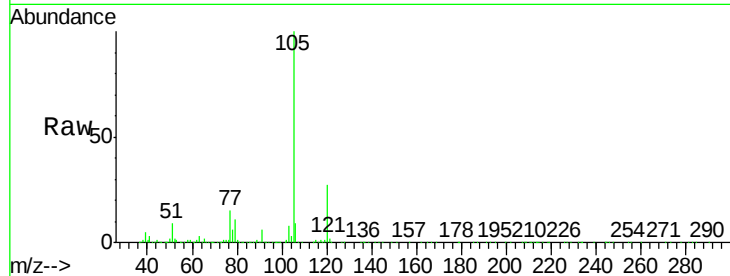
Ion Ratio Lower Upper

105 100

120 26.8 15.1 45.3

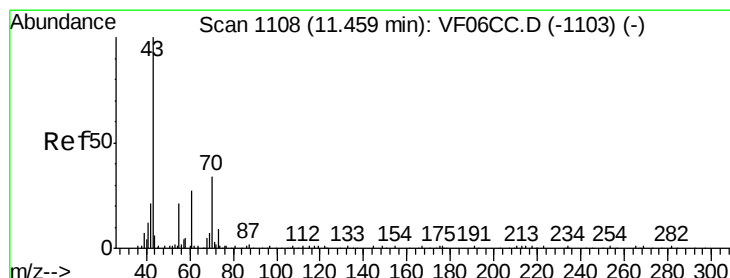
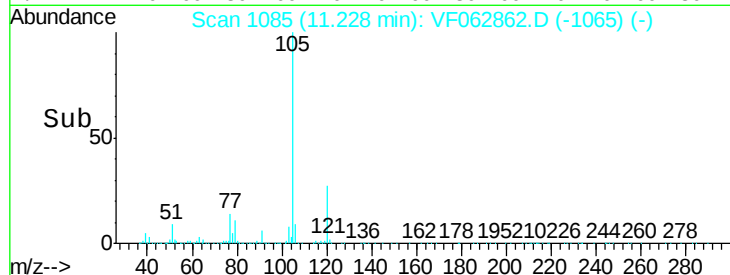
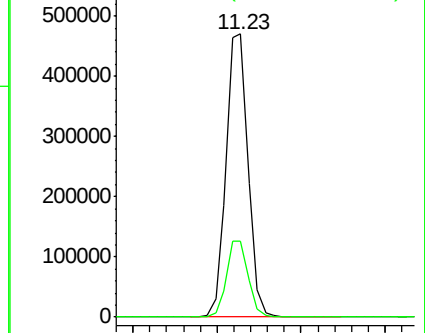
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.838 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion: 43 Resp: 247242

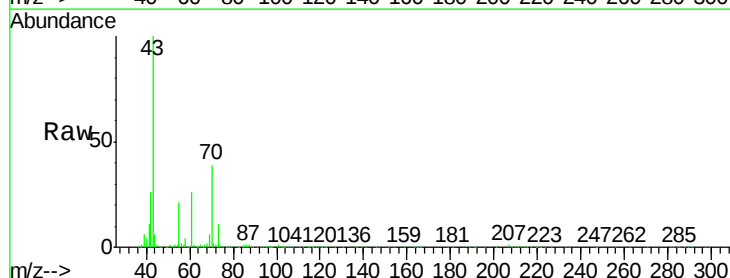
Ion Ratio Lower Upper

43 100

70 39.0 32.9 49.3

55 20.8 17.3 25.9

61 26.2 23.7 35.5

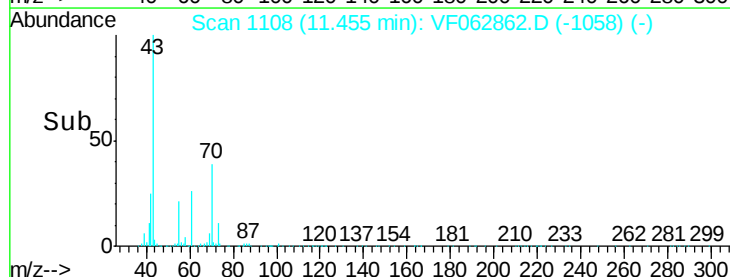
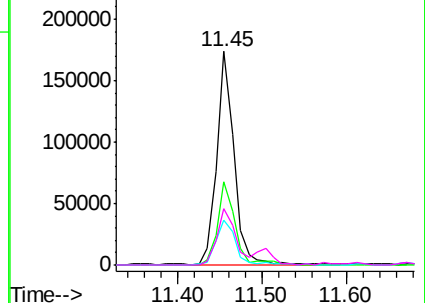


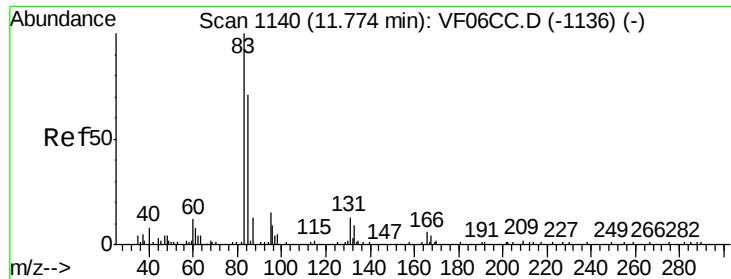
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.995 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

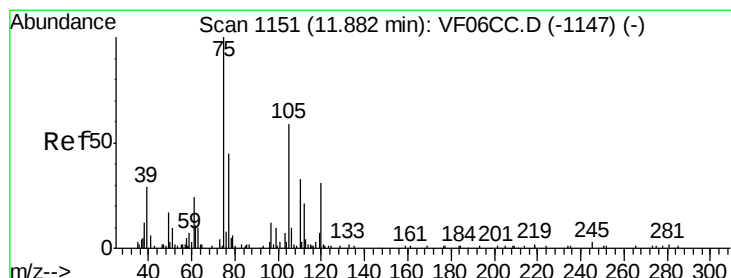
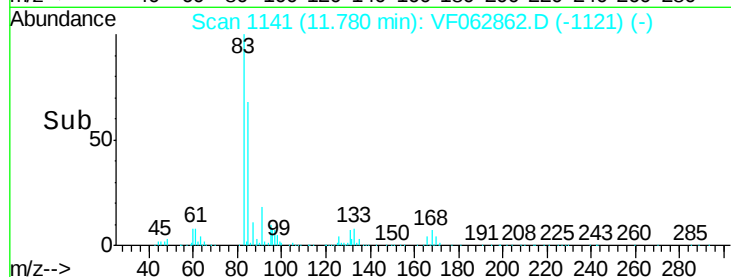
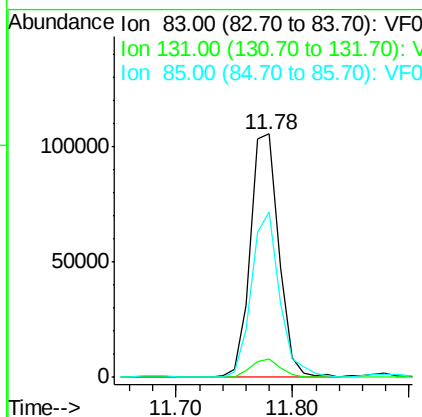
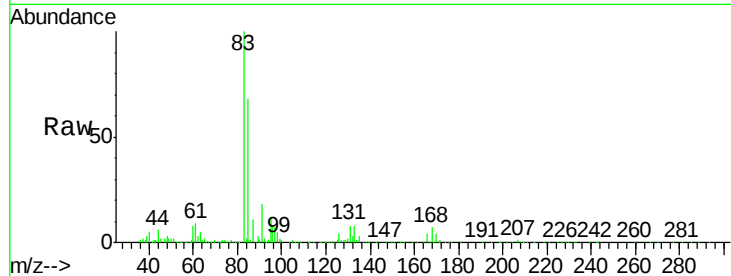
ClientSampleId :

VF0605SBS01

Tot Ion:	83	Resp:	180712
Ion Ratio	Lower	Upper	
83	100		
131	7.7	4.9	14.7
85	67.9	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 22.123 ug/l

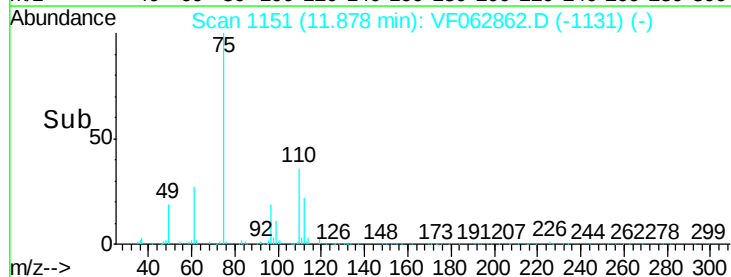
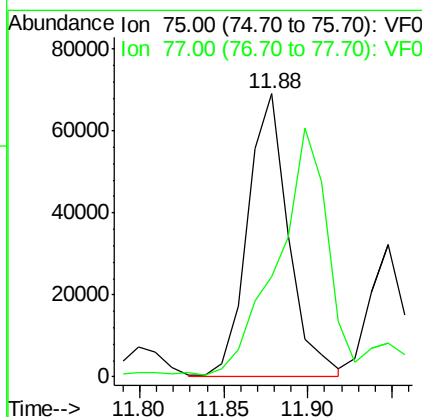
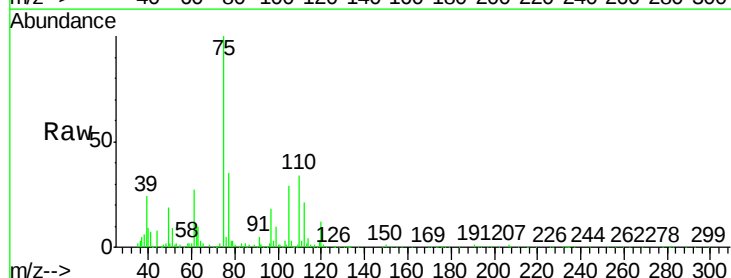
RT: 11.88 min Scan# 1151

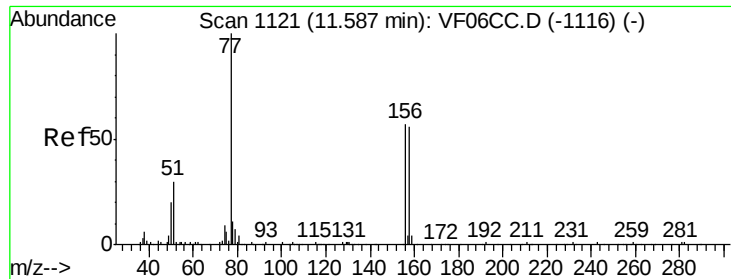
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	75	Resp:	115243
Ion Ratio	Lower	Upper	
75	100		
77	35.5	20.1	60.2





#77

Bromobenzene

Concen: 21.436 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

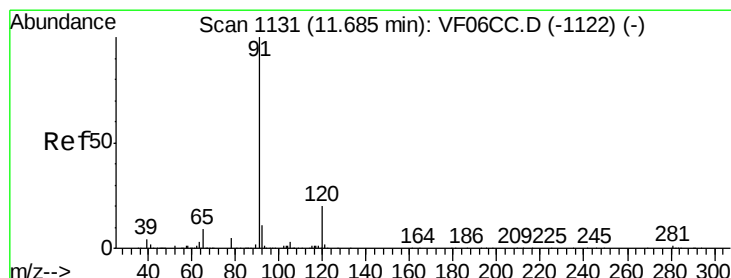
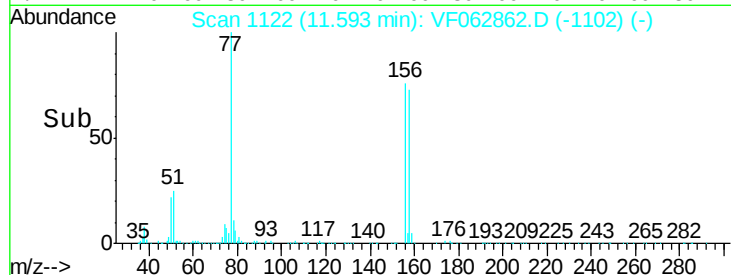
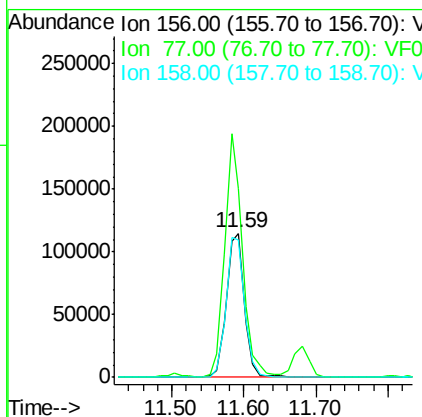
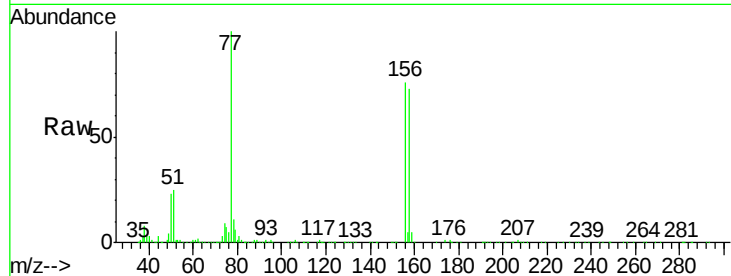
ClientSampleId :

VF0605SBSD01

Tot Ion:	156	Resp:	198204
Ion Ratio	Lower	Upper	
156	100		
77	130.9	64.2	192.6
158	95.7	50.3	151.0

Manual Integrations
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#78

n-propylbenzene

Concen: 22.571 ug/l

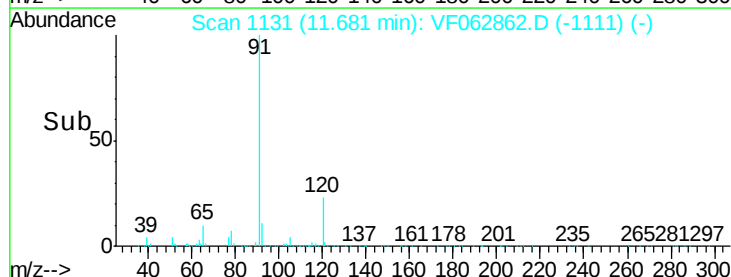
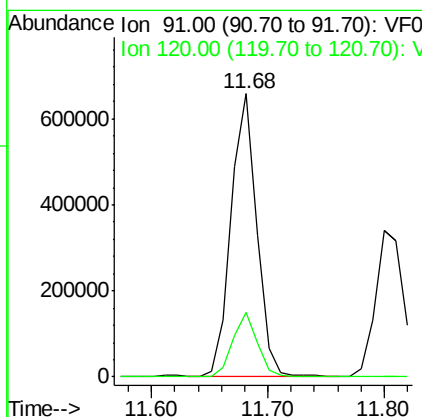
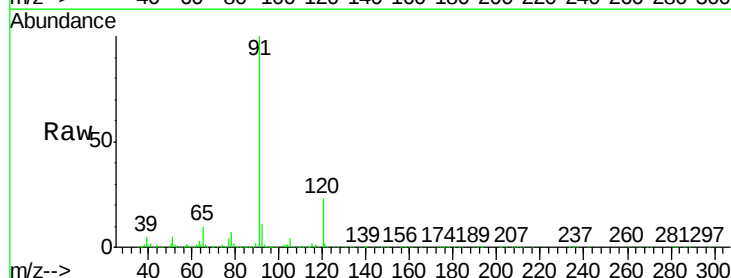
RT: 11.68 min Scan# 1131

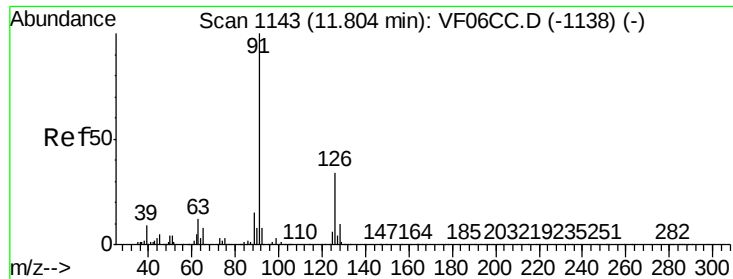
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	91	Resp:	1002894
Ion Ratio	Lower	Upper	
91	100		
120	22.6	12.8	38.4





#79

2-Chlorotoluene

Concen: 22.091 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBSD01

Tot Ion: 91 Resp: 561656

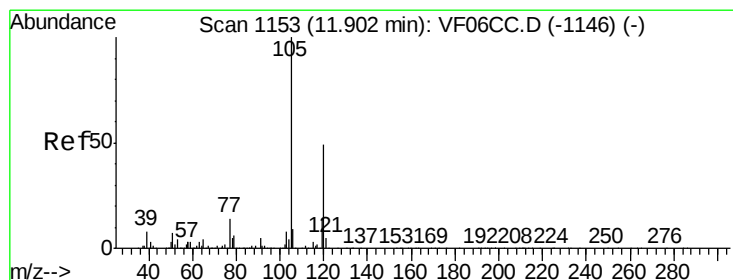
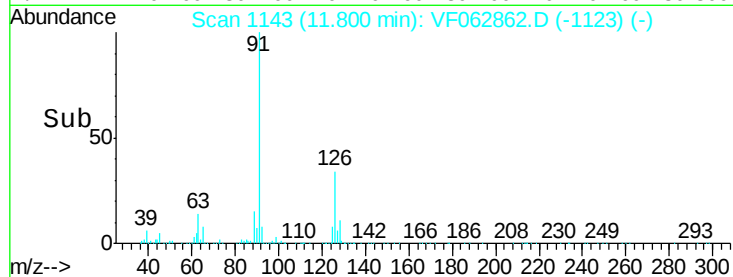
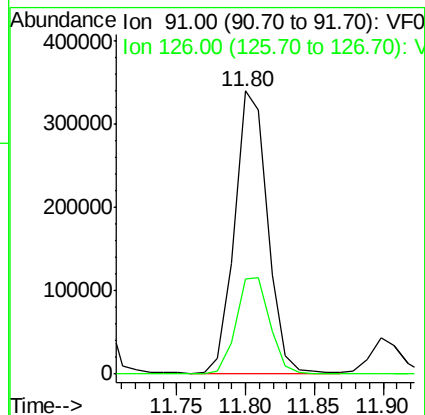
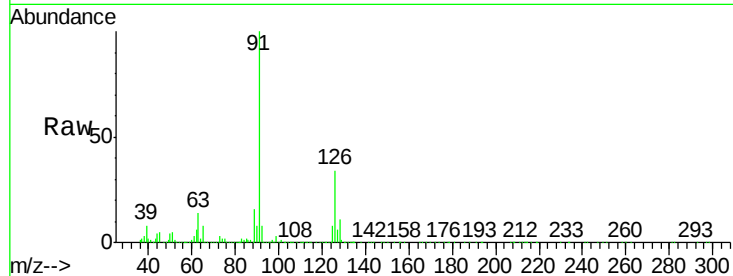
Ion Ratio Lower Upper

91 100

126 33.7 17.8 53.3

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#80

1,3,5-Trimethylbenzene

Concen: 22.392 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. -0.01 min

Lab File: VF062862.D

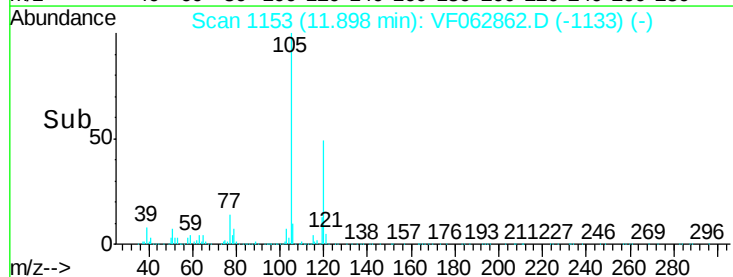
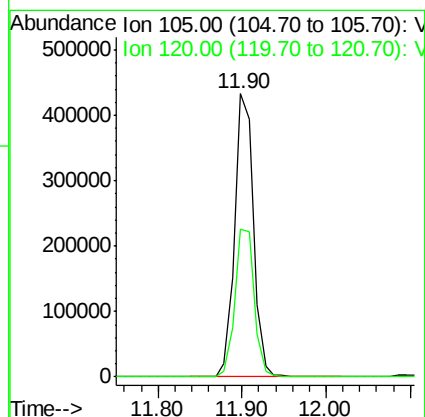
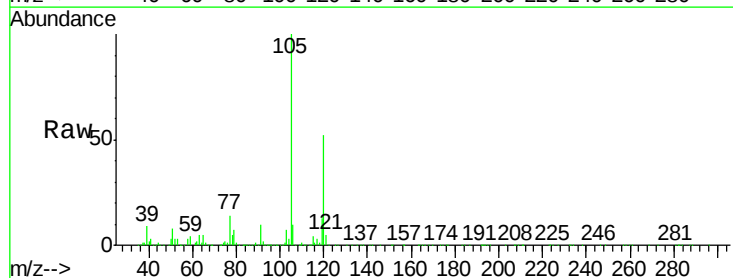
Acq: 5 Jun 2019 13:47

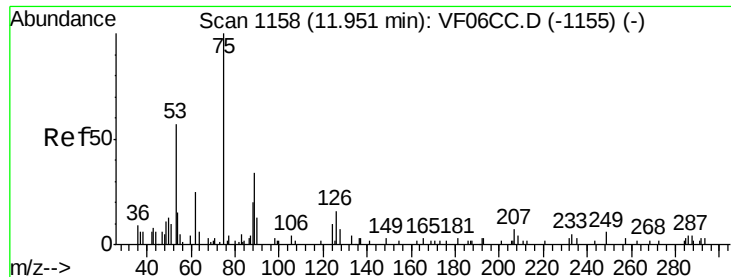
Tgt Ion: 105 Resp: 673862

Ion Ratio Lower Upper

105 100

120 52.2 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 21.860 ug/l m

RT: 11.95 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

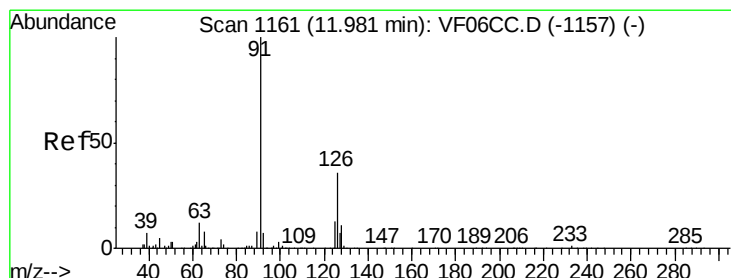
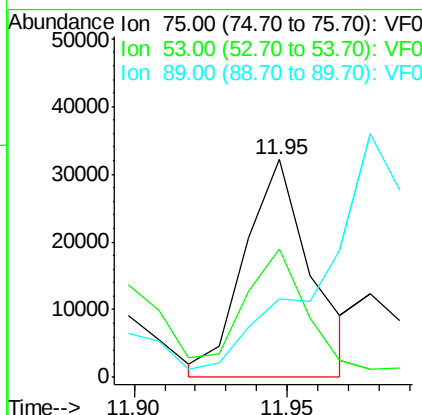
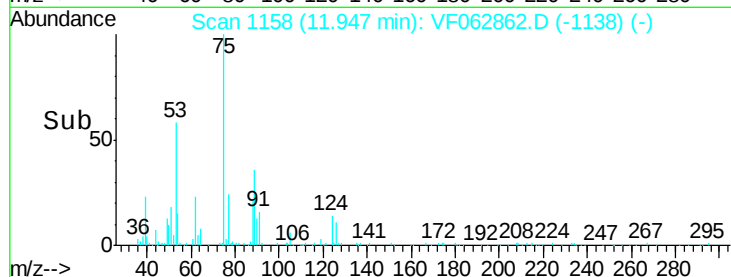
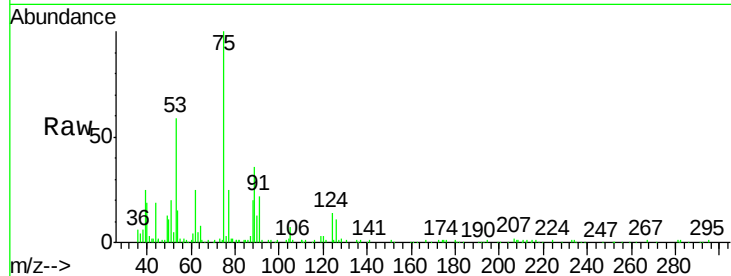
ClientSampleId :

VF0605SBSD01

Tot Ion:	75	Resp:	48211
Ion Ratio	Lower	Upper	
75	100		
53	58.8	43.5	65.3
89	36.1	34.3	51.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 22.365 ug/l

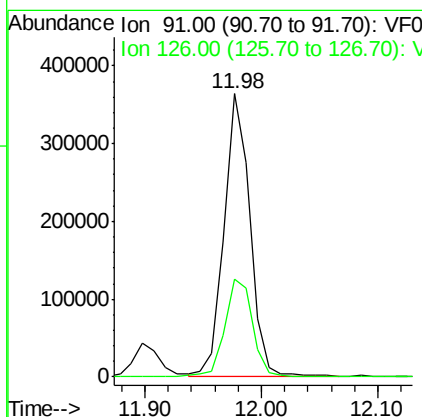
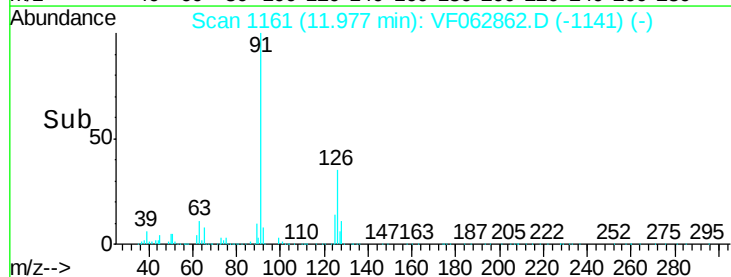
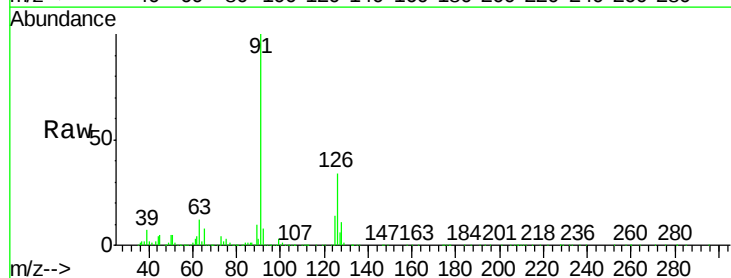
RT: 11.98 min Scan# 1161

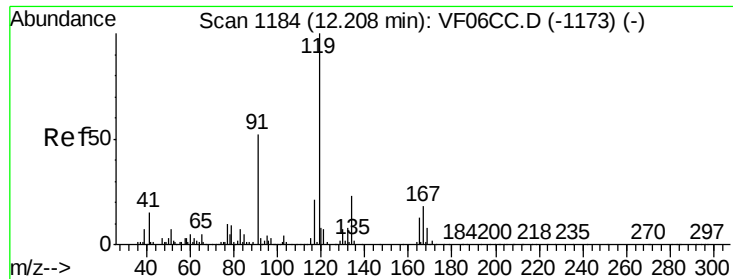
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	91	Resp:	558814
Ion Ratio	Lower	Upper	
91	100		
126	34.5	19.1	57.1





#83

tert-Butylbenzene

Concen: 23.328 ug/l

RT: 12.20 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

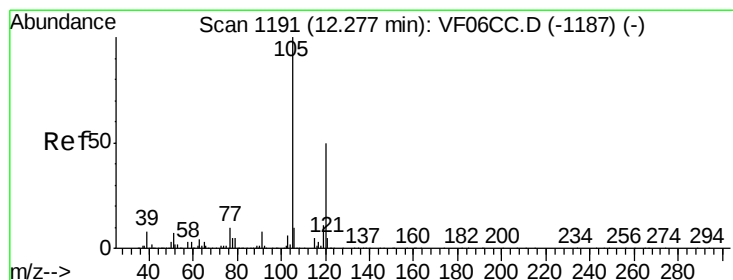
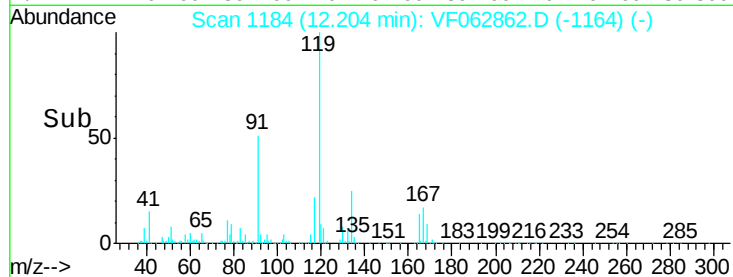
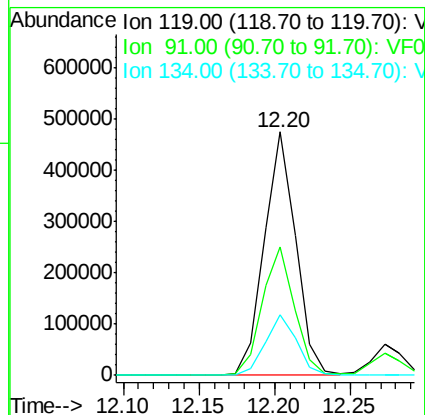
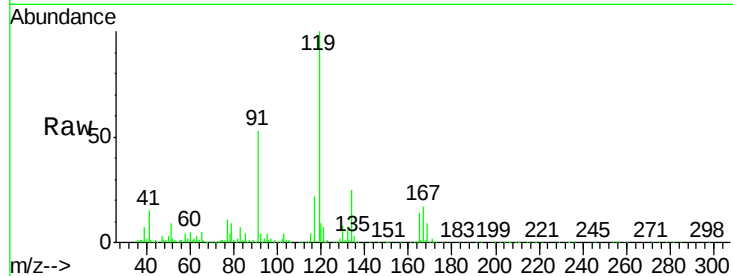
ClientSampleId :

VF0605SBSD01

Tot Ion:	119	Resp:	695621
Ion Ratio	Lower	Upper	
119	100		
91	52.9	28.9	86.7
134	24.9	14.3	42.9

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 23.508 ug/l

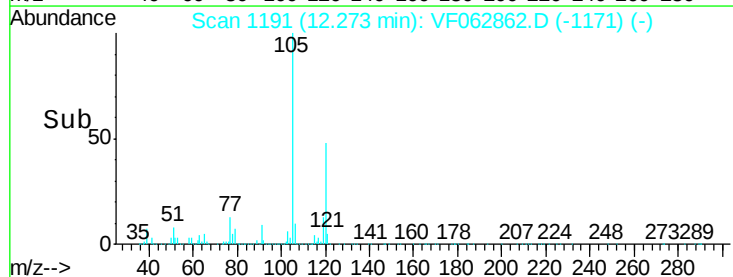
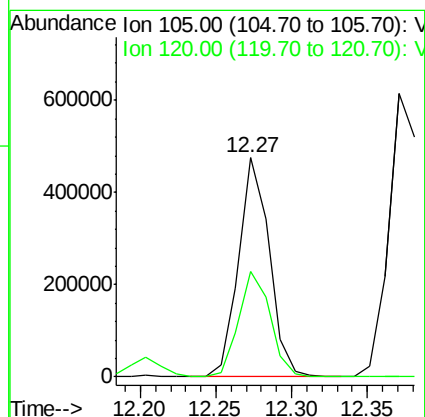
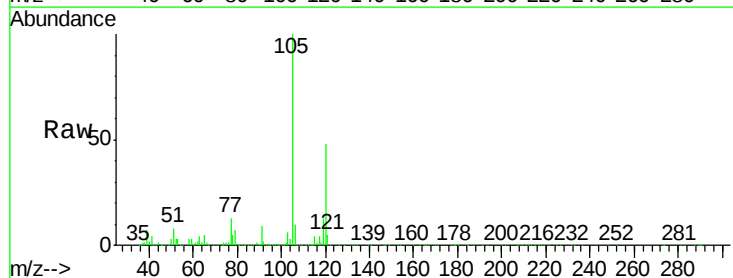
RT: 12.27 min Scan# 1191

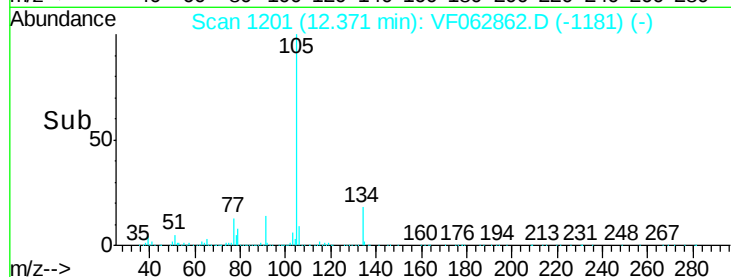
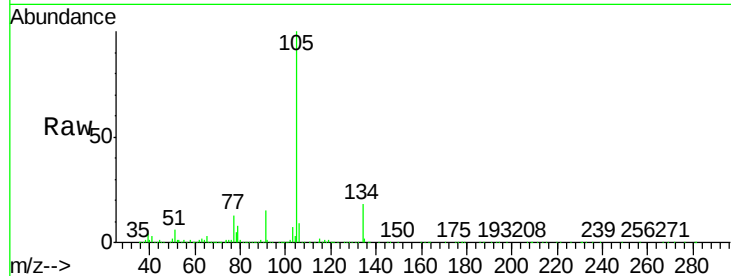
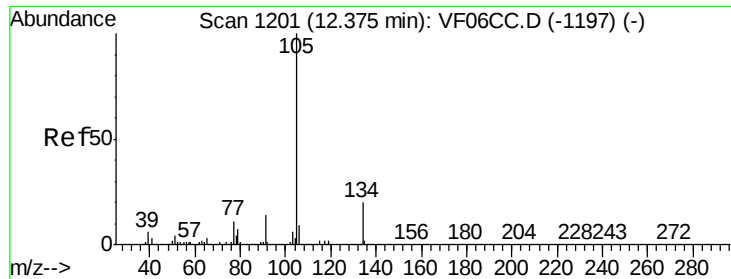
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	105	Resp:	670759
Ion Ratio	Lower	Upper	
105	100		
120	48.0	27.1	81.3





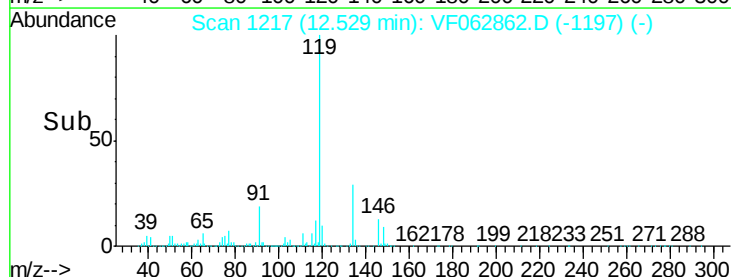
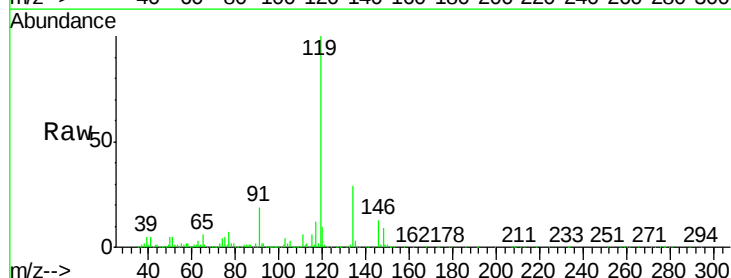
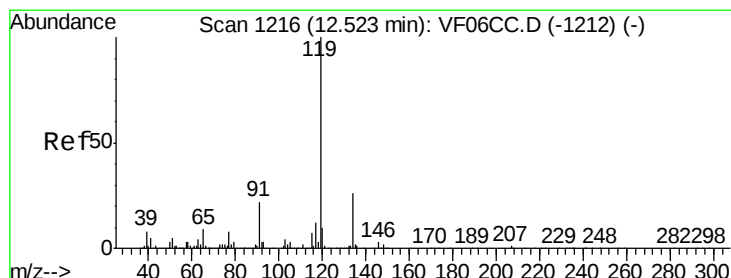
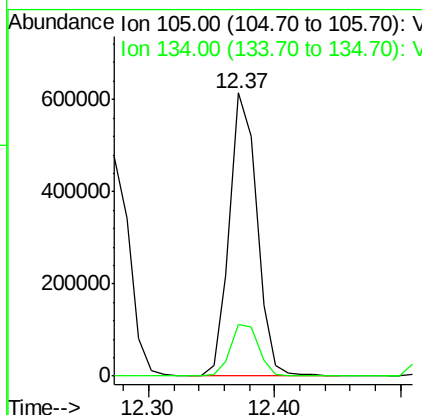
#85
 sec-Butylbenzene
 Concen: 23.486 ug/l
 RT: 12.37 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Tot Ion	Ratio	Resp	Lower	Upper
105	100	922856		
134	18.1	10.5	31.6	

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0605SBSD01

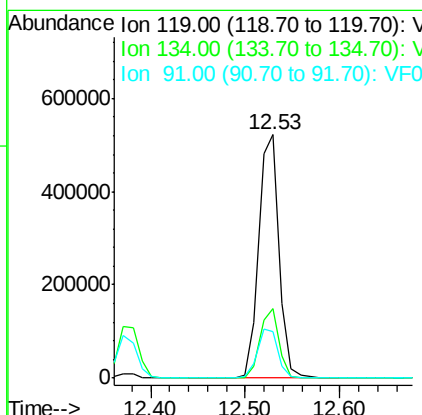
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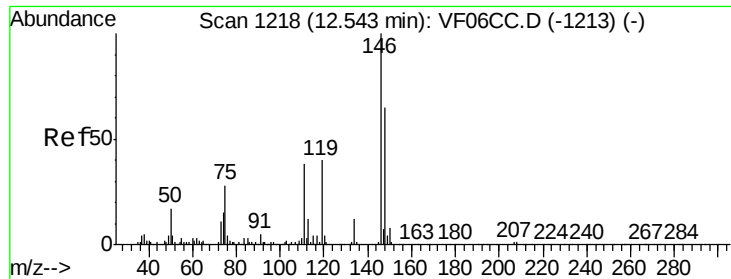
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#86
 p-Isopropyltoluene
 Concen: 23.883 ug/l
 RT: 12.53 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	781116		
134	28.7	15.5	46.5	
91	19.3	10.3	30.9	





#87

1,3-Dichlorobenzene

Concen: 22.903 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

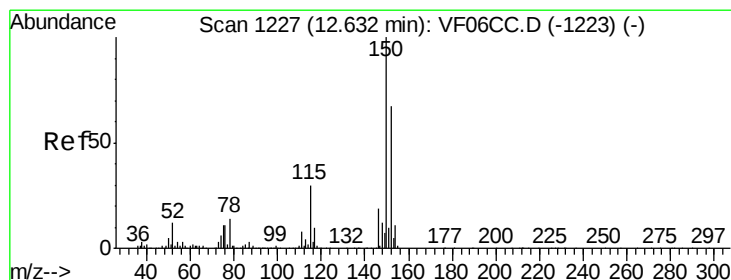
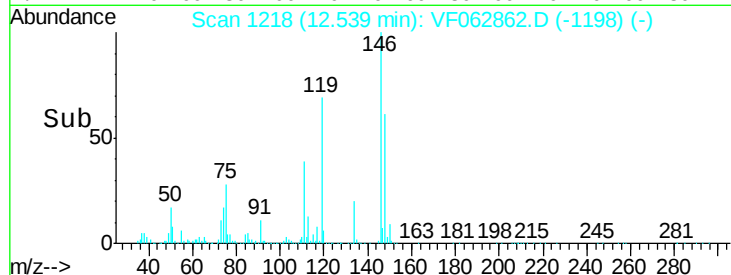
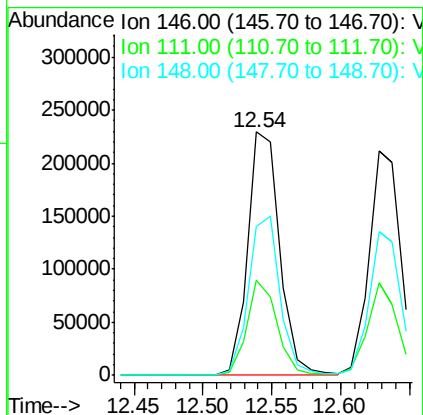
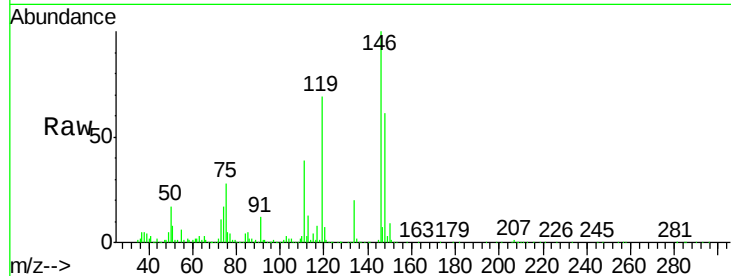
ClientSampleId :

VF0605SBSD01

Tot Ion:	146	Resp:	373469
Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.8
148	61.2	34.2	102.5

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#88

1,4-Dichlorobenzene

Concen: 22.426 ug/l

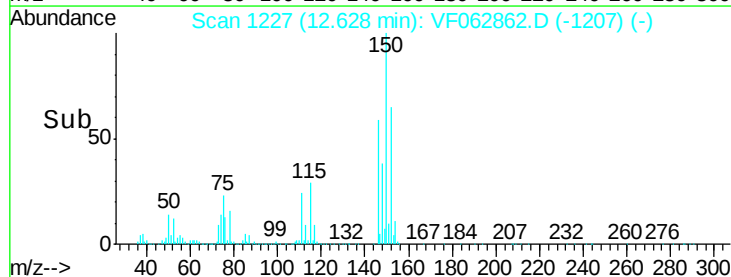
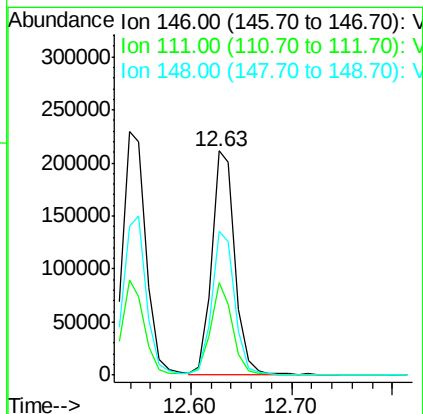
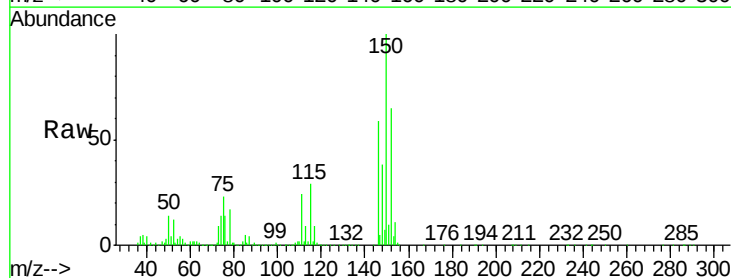
RT: 12.63 min Scan# 1227

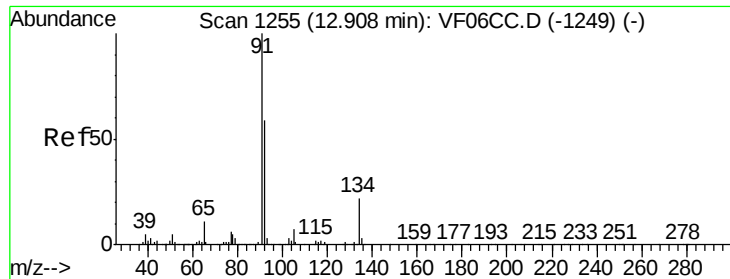
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	146	Resp:	341286
Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	60.9
148	64.3	34.0	101.8





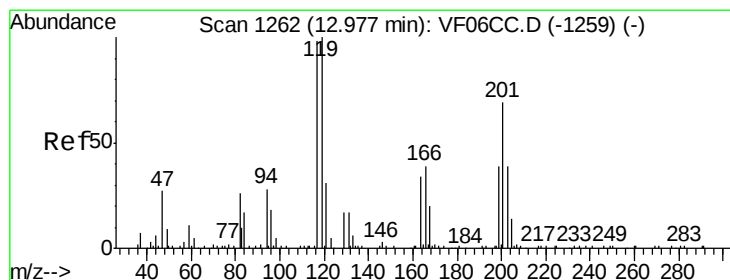
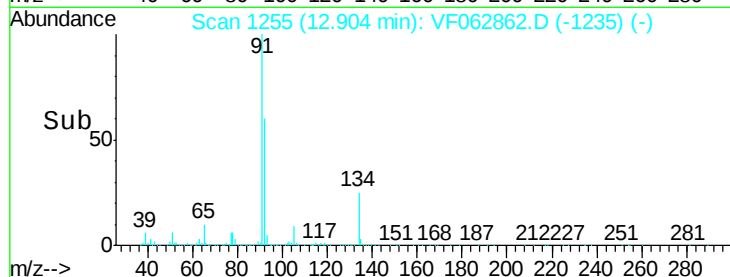
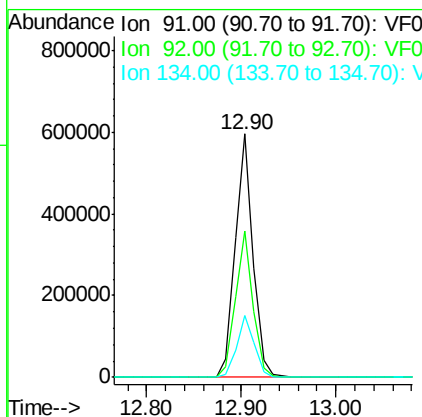
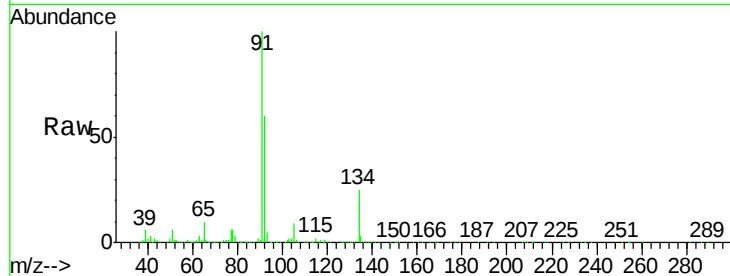
#89
n-Butylbenzene
Concen: 23.618 ug/l
RT: 12.90 min Scan# 1255
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	60.2	34.2	102.6
134	25.2	15.8	47.3

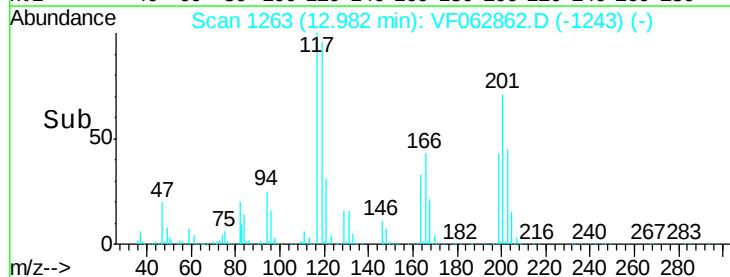
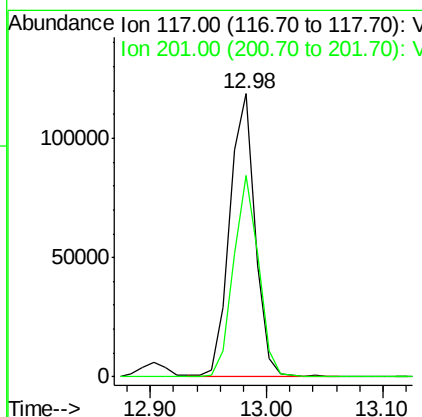
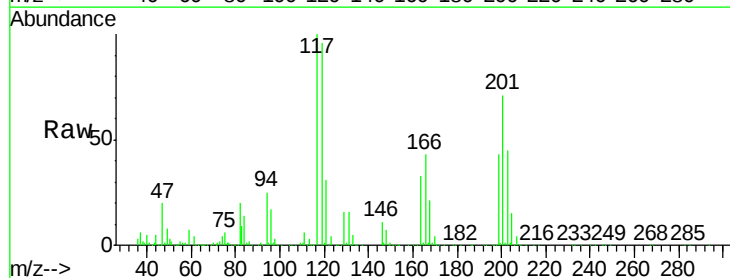
Manual Integrations
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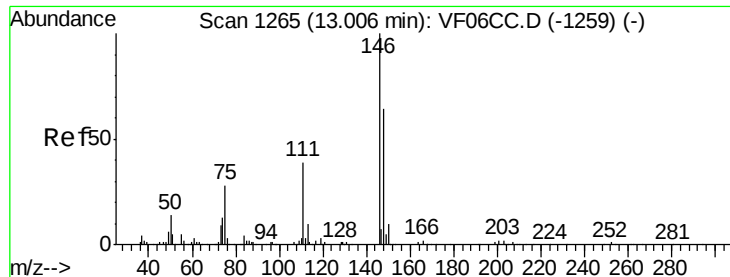
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#90
Hexachloroethane
Concen: 22.607 ug/l
RT: 12.98 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.2	38.9	116.7





#91

1,2-Dichlorobenzene

Concen: 22.216 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

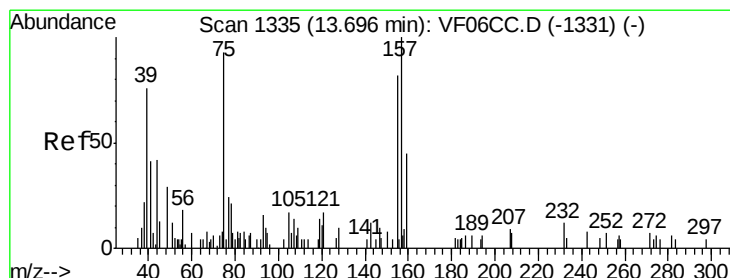
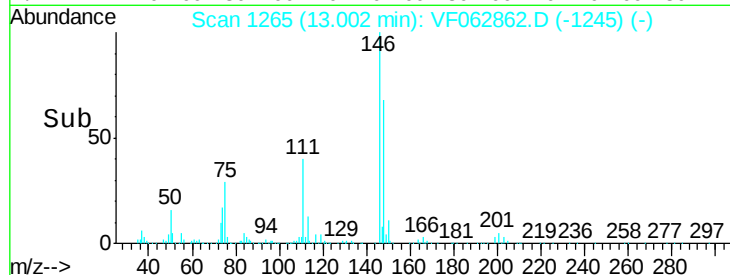
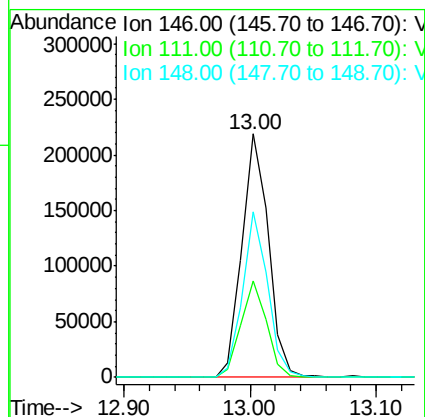
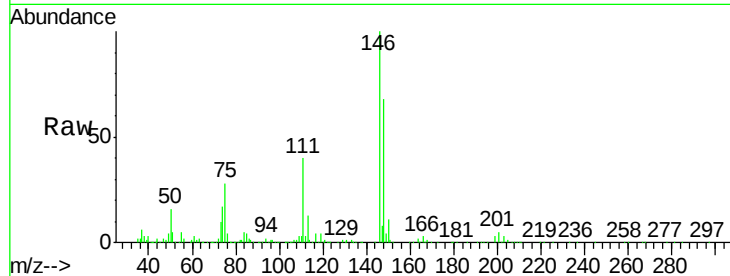
ClientSampleId :

VF0605SBSD01

Tot Ion:	146	Resp:	318419
Ion Ratio	Lower	Upper	
146	100		
111	39.8	20.4	61.3
148	68.0	34.1	102.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.541 ug/l

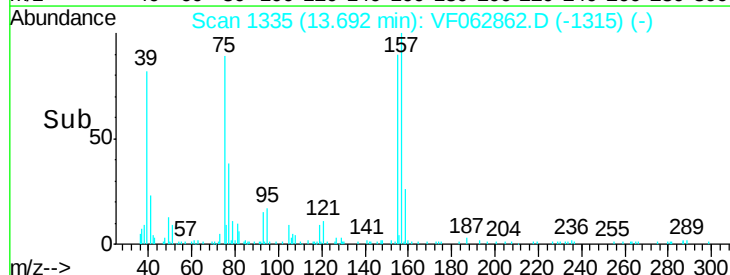
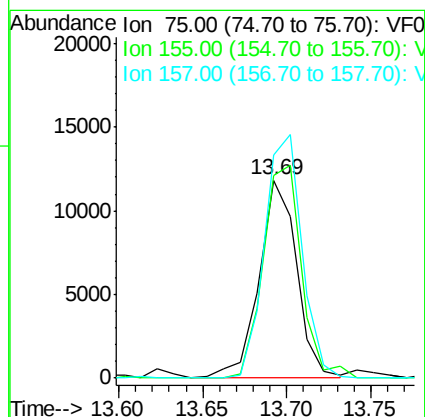
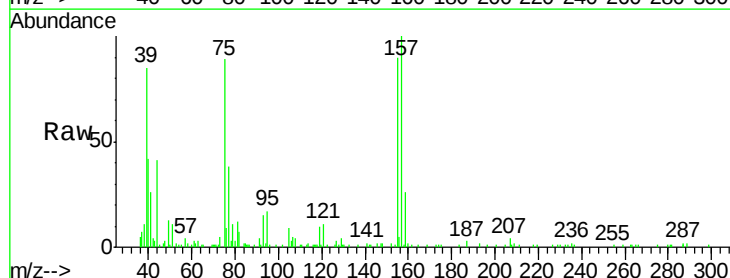
RT: 13.69 min Scan# 1335

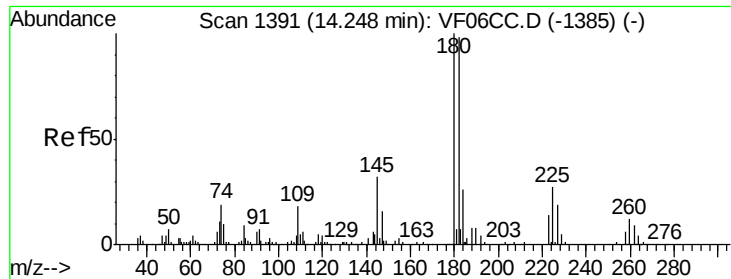
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	75	Resp:	18443
Ion Ratio	Lower	Upper	
75	100		
155	102.0	51.7	155.1
157	112.9	66.8	200.6





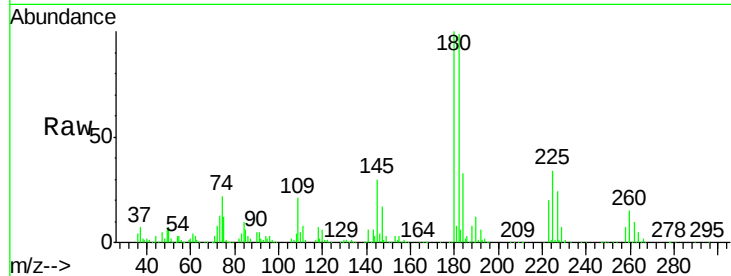
#93
 1,2,4-Trichlorobenzene
 Concen: 19.902 ug/l
 RT: 14.24 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0605SBSD01

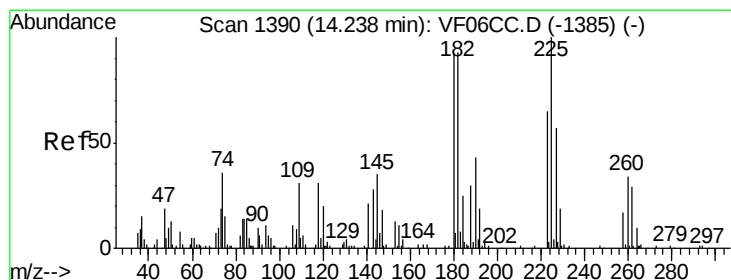
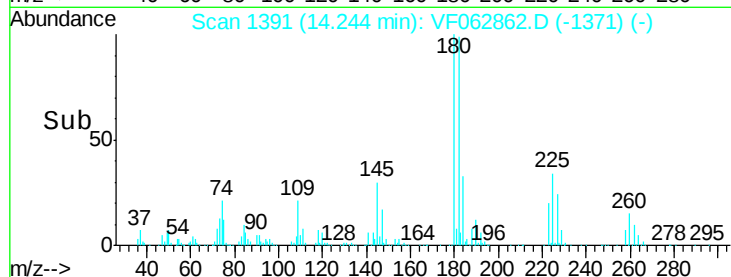
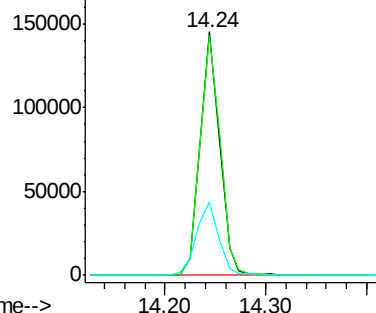
Tot Ion	Ratio	Resp	Lower	Upper
180	100	195860		
182	98.7	50.3	150.9	
145	30.2	15.4	46.2	

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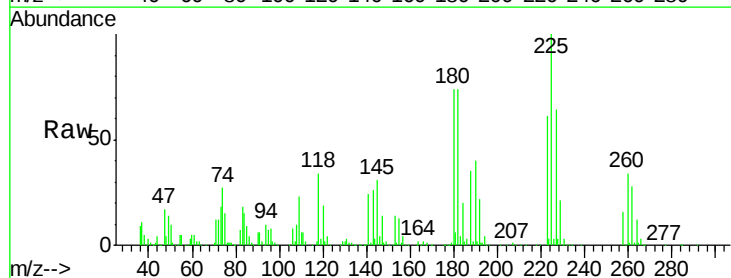


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

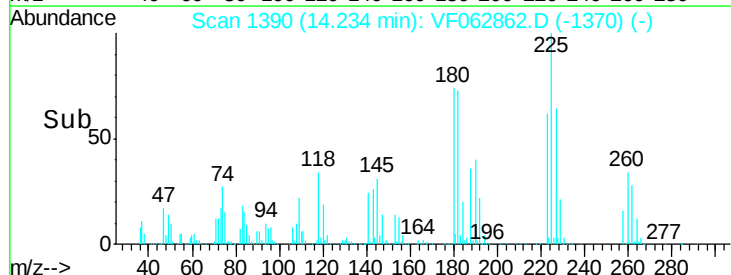
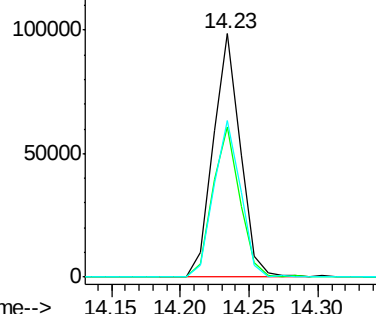


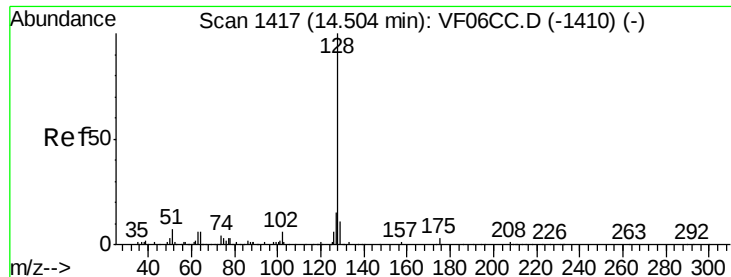
#94
 Hexachlorobutadiene
 Concen: 19.817 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	134915		
223	61.5	30.8	92.4	
227	64.4	31.9	95.5	



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#95

Naphthalene

Concen: 19.983 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

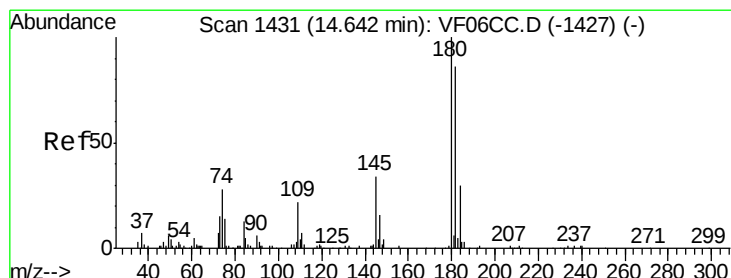
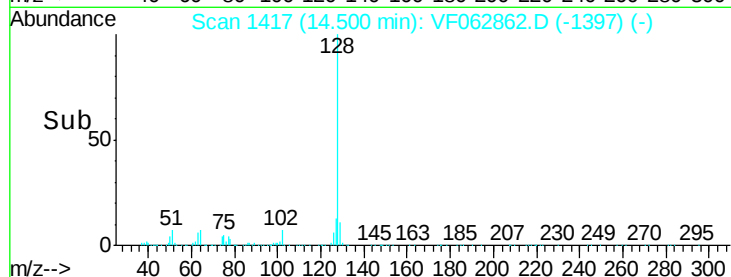
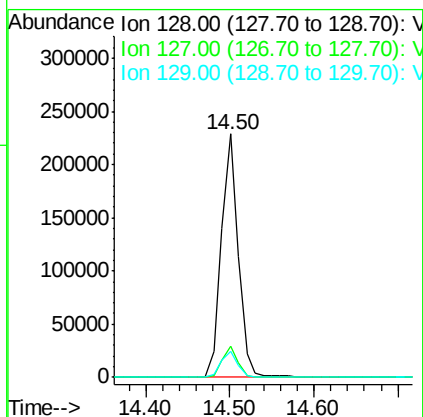
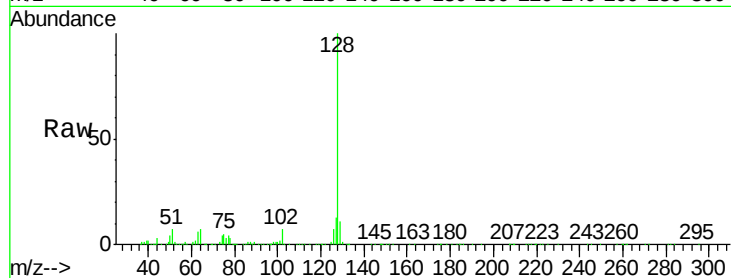
ClientSampleId :

VF0605SBS01

Tot Ion:	128	Resp:	322181
Ion Ratio	Lower	Upper	
128	100		
127	12.6	9.7	14.5
129	10.9	9.4	14.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.842 ug/l

RT: 14.65 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	180	Resp:	187229
Ion Ratio	Lower	Upper	
180	100		
182	90.0	48.6	145.9
145	25.5	15.7	47.0

