

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060519\
 Data File : VF062861.D
 Acq On : 5 Jun 2019 13:20
 Operator : FY/SY
 Sample : VF0605SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0605SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 11:51:03 AM

Quant Time: Jun 06 08:11:45 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	805489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1347079	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	1169894	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	546777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.05	65	278022	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	4.32	113	526049	51.68	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	7.72	98	1247885	48.48	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.50	95	482047	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.01	85	218974	21.578	ug/l	97
3) Chloromethane	1.14	50	174542	20.942	ug/l	96
4) Vinyl Chloride	1.19	62	176169	21.271	ug/l	99
5) Bromomethane	1.40	94	98597	20.874	ug/l	83
6) Chloroethane	1.46	64	60549	19.553	ug/l	100
7) Trichlorofluoromethane	1.55	101	259246	22.111	ug/l	90
8) Diethyl Ether	1.72	74	44244	19.180	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	1.93	101	156956	21.292	ug/l	98
10) Methyl Iodide	2.01	142	293817m	19.879	ug/l	
11) Tert butyl alcohol	2.72	59	34537	102.354	ug/l #	81
12) 1,1-Dichloroethene	1.88	96	132298	19.765	ug/l	93
13) Acrolein	2.11	56	12915	90.592	ug/l	94
14) Allyl chloride	2.21	41	121204	23.340	ug/l	97
15) Acrylonitrile	3.10	53	152199	120.040	ug/l	97
16) Acetone	2.37	43	115434	90.547	ug/l	91
17) Carbon Disulfide	1.91	76	404382	20.670	ug/l	98
18) Methyl Acetate	2.47	43	50781	22.794	ug/l #	88
19) Methyl tert-butyl Ether	2.56	73	259060	21.362	ug/l	97
20) Methylene Chloride	2.37	84	148066m	21.491	ug/l	
21) trans-1,2-Dichloroethene	2.43	96	138646	20.658	ug/l	93
22) Diisopropyl ether	2.95	45	288686	19.567	ug/l	94
23) Vinyl Acetate	3.36	43	1050868	104.043	ug/l	99
24) 1,1-Dichloroethane	3.03	63	246043	22.336	ug/l	99
25) 2-Butanone	4.54	43	299302	100.815	ug/l	98
26) 2,2-Dichloropropane	3.79	77	142633	22.804	ug/l	86
27) cis-1,2-Dichloroethene	3.66	96	241019	21.364	ug/l	97
28) Bromochloromethane	3.91	49	119830	19.999	ug/l	100
29) Tetrahydrofuran	4.29	42	120431	106.060	ug/l	98
30) Chloroform	4.06	83	336553	21.678	ug/l	93
31) Cyclohexane	3.88	56	310615m	20.828	ug/l	
32) 1,1,1-Trichloroethane	4.31	97	213871	23.661	ug/l	96
36) 1,1-Dichloropropene	4.49	75	265795	21.433	ug/l	97
37) Ethyl Acetate	4.32	43	107515	22.680	ug/l	91
38) Carbon Tetrachloride	4.20	117	174626	20.836	ug/l	95

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 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual Integrations
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MMDadoda
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Quant Time: Jun 06 08:11:45 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	308874	20.012	ug/l	99
40) Benzene	4.84	78	752307	20.844	ug/l	100
41) Methacrylonitrile	4.95	41	50835	19.290	ug/l	97
42) 1,2-Dichloroethane	5.14	62	148155	21.583	ug/l	92
43) Isopropyl Acetate	7.13	43	126038	20.127	ug/l #	94
44) Trichloroethene	5.70	130	218498	21.451	ug/l	94
45) 1,2-Dichloropropane	6.43	63	191340	21.126	ug/l	91
46) Dibromomethane	6.27	93	110883	20.969	ug/l	95
47) Bromodichloromethane	6.57	83	231201	21.469	ug/l	91
48) Methyl methacrylate	6.89	41	65126	20.179	ug/l	93
49) 1,4-Dioxane	6.89	88	17868	420.028	ug/l #	83
51) 4-Methyl-2-Pentanone	8.42	43	515819	115.373	ug/l	99
52) Toluene	7.79	92	407422	20.959	ug/l	90
53) t-1,3-Dichloropropene	8.44	75	199600	22.367	ug/l	98
54) cis-1,3-Dichloropropene	7.47	75	275122	21.298	ug/l	95
55) 1,1,2-Trichloroethane	8.65	97	126243	21.738	ug/l	93
56) Ethyl methacrylate	8.76	69	128024	20.545	ug/l	98
57) 1,3-Dichloropropane	9.01	76	209938	22.137	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.46	63	222711	102.266	ug/l	100
59) 2-Hexanone	9.63	43	371722	116.648	ug/l	97
60) Dibromochloromethane	8.87	129	148594	20.667	ug/l	90
61) 1,2-Dibromoethane	9.14	107	135093	22.398	ug/l	99
64) Tetrachloroethene	8.32	164	174231	19.381	ug/l	94
65) Chlorobenzene	9.95	112	455756	20.173	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.07	131	175805	19.539	ug/l	96
67) Ethyl Benzene	10.04	91	770493	19.874	ug/l	98
68) m/p-Xylenes	10.27	106	583536	39.333	ug/l	87
69) o-Xylene	10.82	106	290655	19.350	ug/l	93
70) Styrene	10.90	104	453382	20.478	ug/l	98
71) Bromoform	10.88	173	82423	19.096	ug/l #	98
73) Isopropylbenzene	11.22	105	817507	21.428	ug/l	91
74) N-amyl acetate	11.45	43	220454	20.502	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.77	83	174381	21.403	ug/l	97
76) 1,2,3-Trichloropropane	11.88	75	112226	20.780	ug/l	100
77) Bromobenzene	11.58	156	193215	20.156	ug/l	79
78) n-propylbenzene	11.68	91	988189	21.452	ug/l	95
79) 2-Chlorotoluene	11.80	91	538889	20.445	ug/l	95
80) 1,3,5-Trimethylbenzene	11.90	105	656778	21.050	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.95	75	48585m	21.249	ug/l	
82) 4-Chlorotoluene	11.98	91	536428	20.708	ug/l	93
83) tert-Butylbenzene	12.20	119	651670	21.079	ug/l	92
84) 1,2,4-Trimethylbenzene	12.27	105	637257	21.542	ug/l	93
85) sec-Butylbenzene	12.37	105	869160	21.336	ug/l	94
86) p-Isopropyltoluene	12.52	119	728261	21.478	ug/l	93
87) 1,3-Dichlorobenzene	12.54	146	359435	21.261	ug/l	97
88) 1,4-Dichlorobenzene	12.63	146	320024	20.284	ug/l	100
89) n-Butylbenzene	12.90	91	732620	21.479	ug/l	89
90) Hexachloroethane	12.98	117	171044	20.682	ug/l	98
91) 1,2-Dichlorobenzene	13.00	146	305795	20.579	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.69	75	18545	20.893	ug/l	90

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Jun 06 08:11:45 2019
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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	203893	19.984	ug/l	93
94) Hexachlorobutadiene	14.23	225	138685	19.649	ug/l	97
95) Naphthalene	14.50	128	305383	18.270	ug/l	97
96) 1,2,3-Trichlorobenzene	14.65	180	178154	19.129	ug/l	93

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

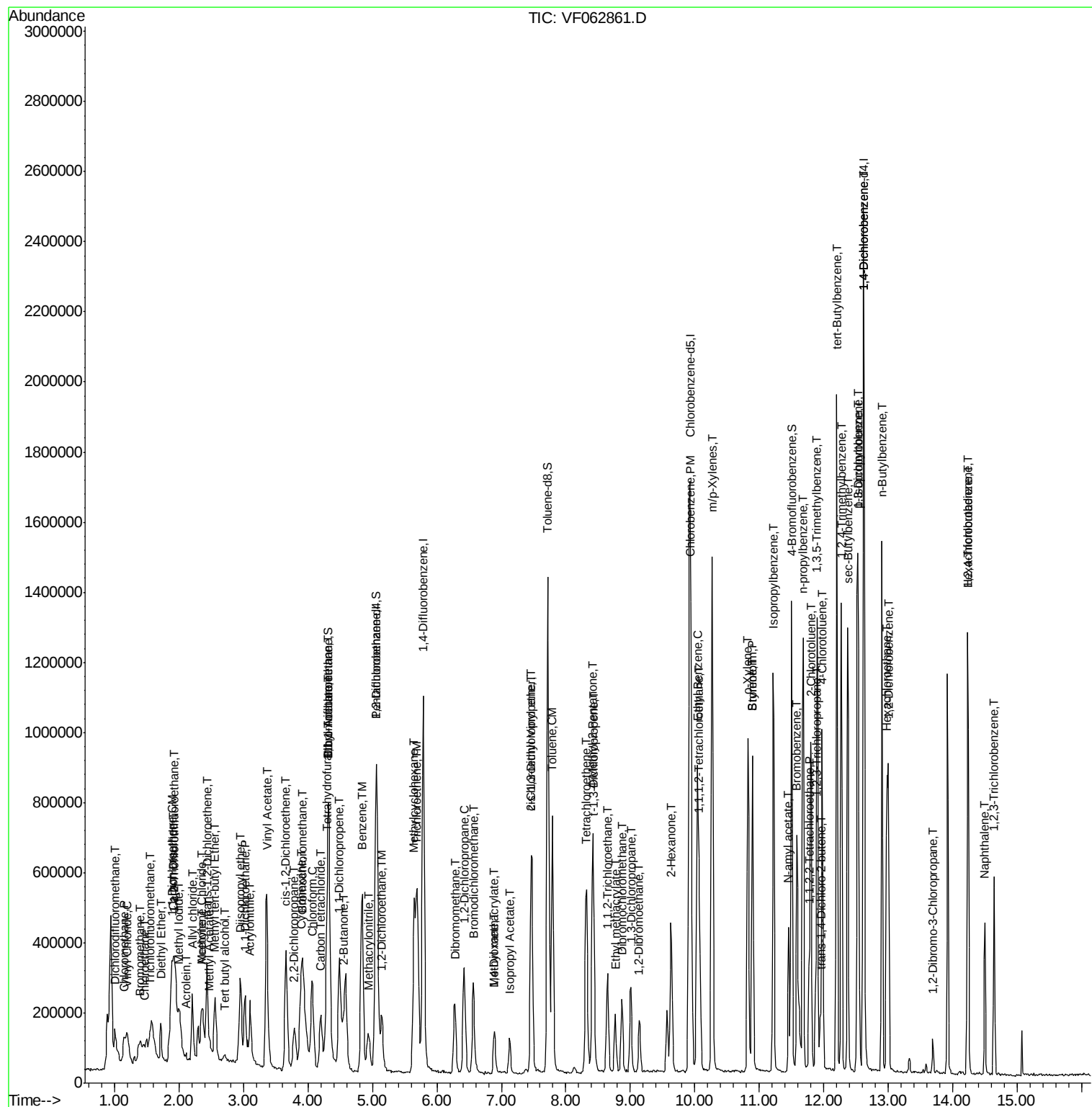
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060519\
Data File : VF062861.D
Acq On : 5 Jun 2019 13:20
Operator : FY/SY
Sample : VF0605SBS01
Misc : 5.00q/5mL/MSVOA F/SOIL
ALS Vial : 5 Sample Multiplier: 1

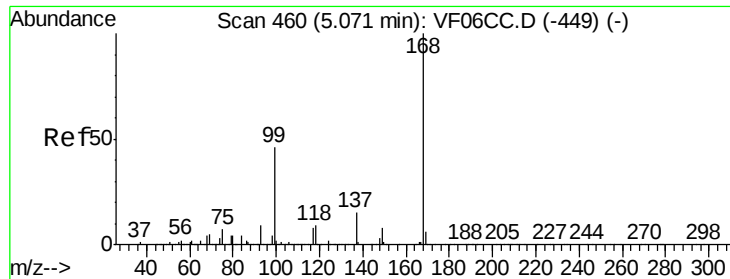
Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Manual Integrations
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#1

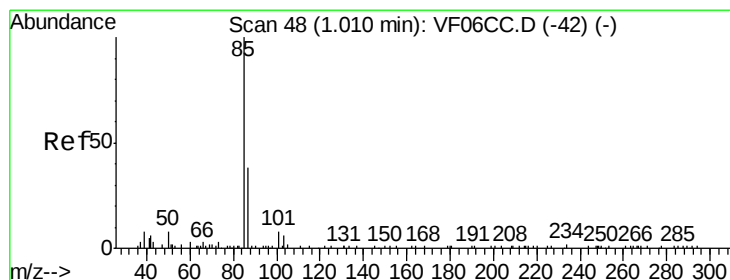
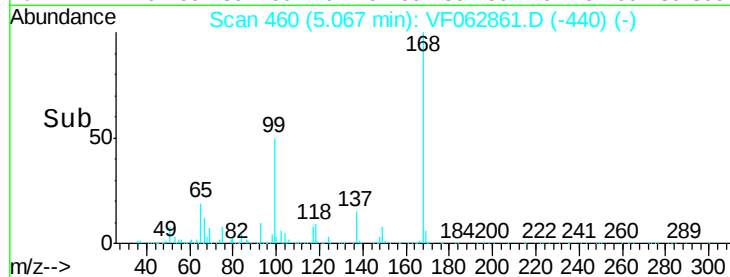
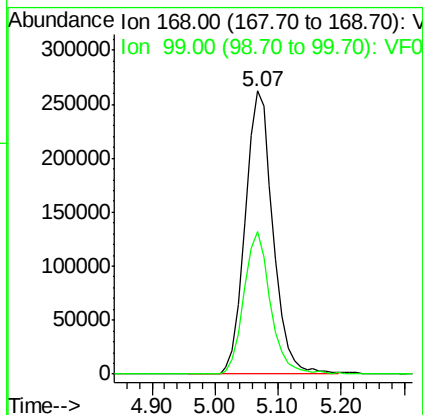
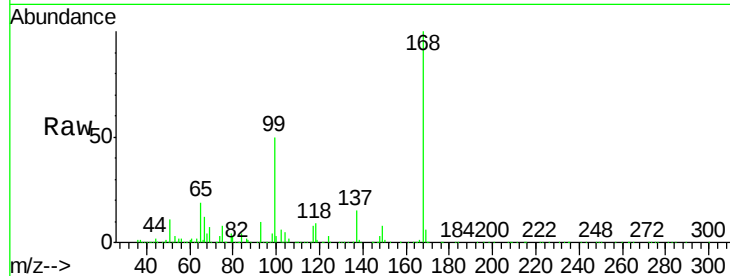
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.2	39.1	58.7

Manual Integrations
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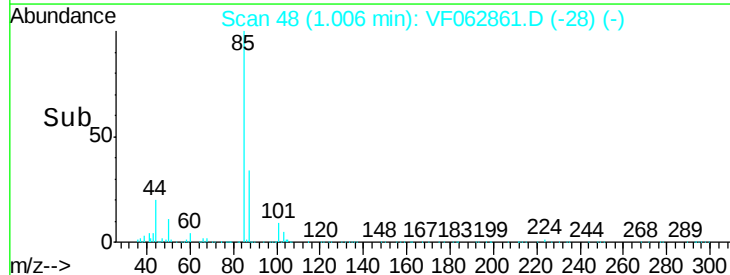
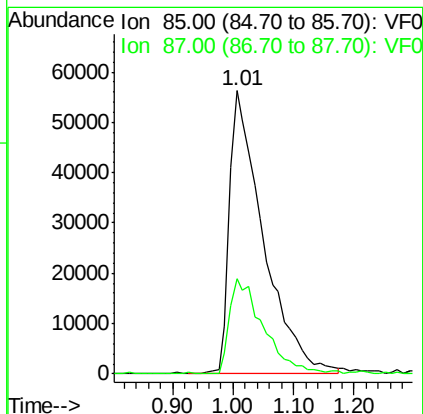
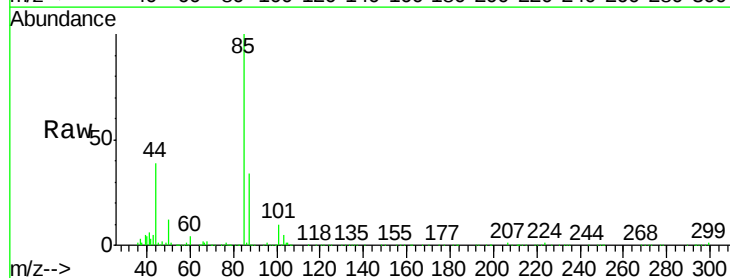
MMDadoda
6/6/2019 11:51:03 AM

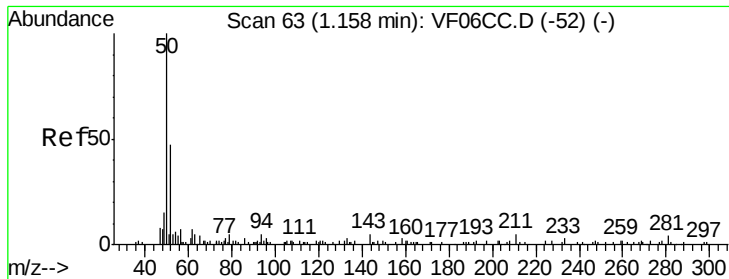


#2

Dichlorodifluoromethane
Concen: 21.578 ug/l
RT: 1.01 min Scan# 48
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.5	17.6	52.9





#3

Chloromethane

Concen: 20.942 ug/l

RT: 1.14 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBS01

Tot Ion: 50 Resp: 174542

Ion Ratio Lower Upper

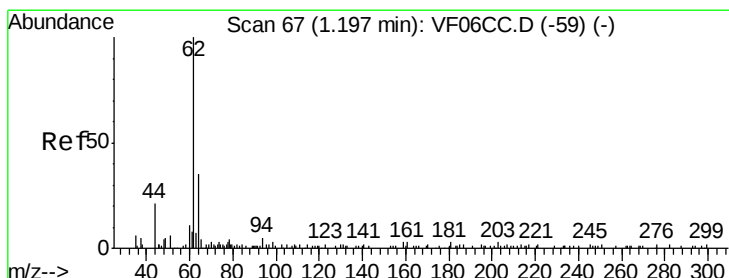
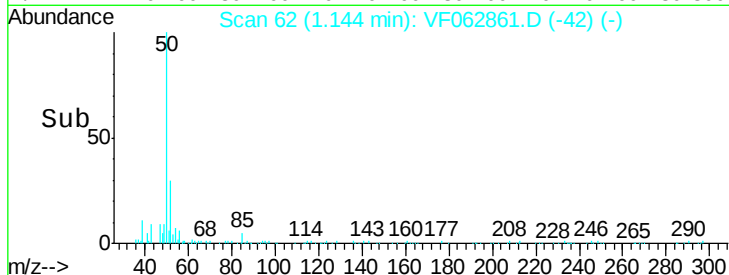
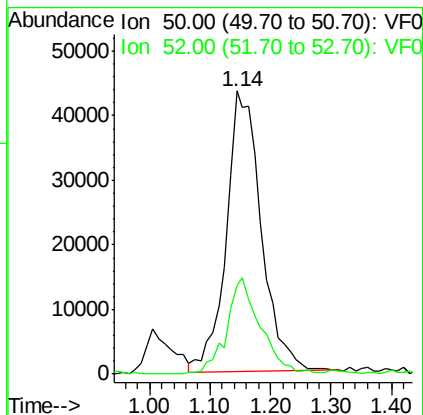
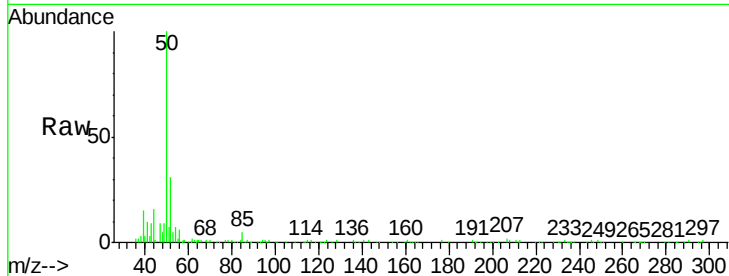
50 100

52 31.2 27.0 40.4

Manual Integrations
APPROVED

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#4

Vinyl Chloride

Concen: 21.271 ug/l

RT: 1.19 min Scan# 67

Delta R.T. -0.01 min

Lab File: VF062861.D

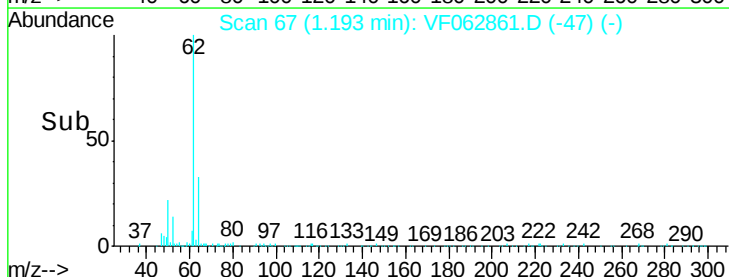
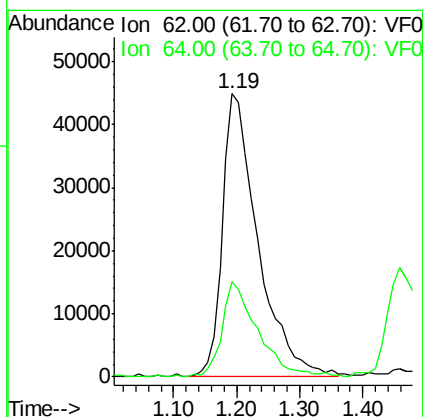
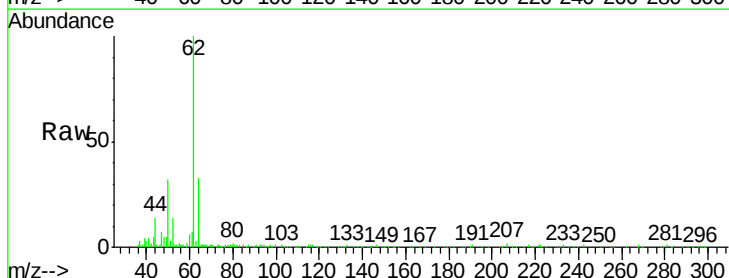
Acq: 5 Jun 2019 13:20

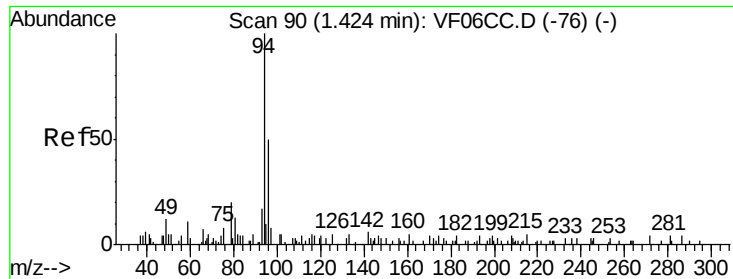
Tgt Ion: 62 Resp: 176169

Ion Ratio Lower Upper

62 100

64 33.4 26.2 39.2





#5

Bromomethane

Concen: 20.874 ug/l

RT: 1.40 min Scan# 88

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBS01

Tot Ion: 94 Resp: 98597

Ion Ratio Lower Upper

94 100

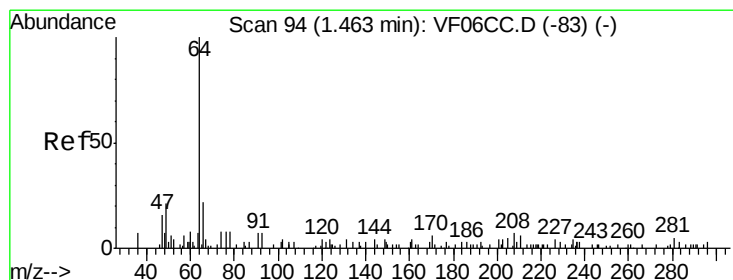
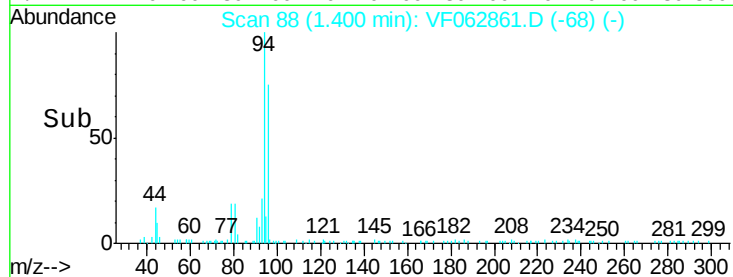
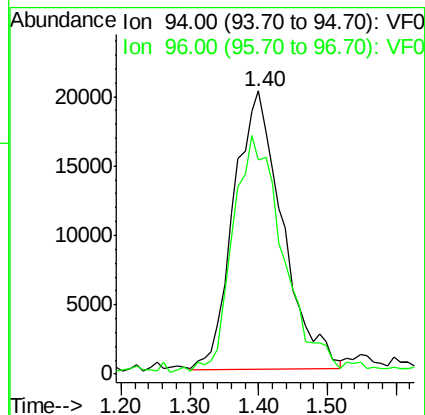
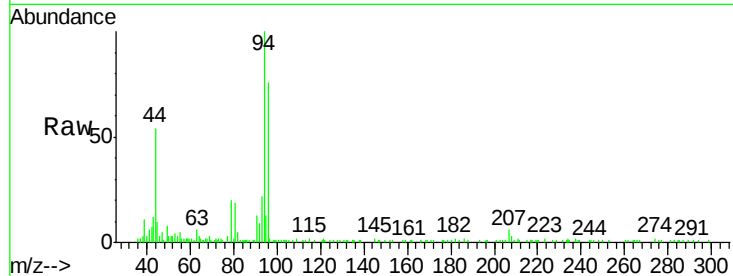
96 75.8 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 19.553 ug/l

RT: 1.46 min Scan# 94

Delta R.T. -0.01 min

Lab File: VF062861.D

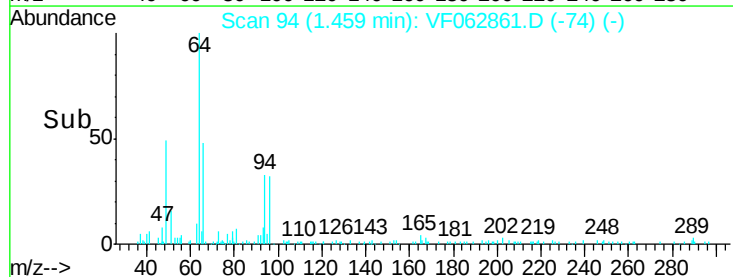
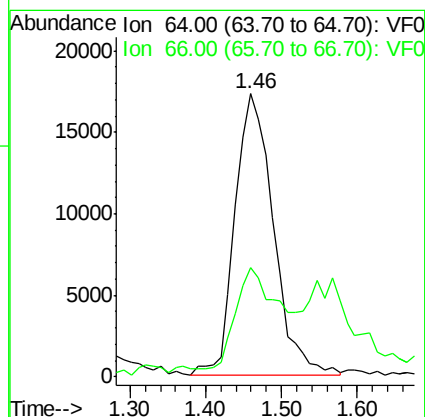
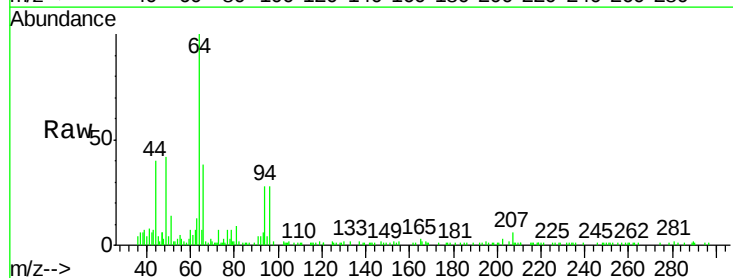
Acq: 5 Jun 2019 13:20

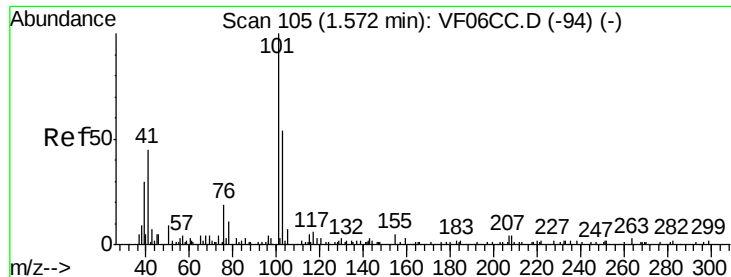
Tgt Ion: 64 Resp: 60549

Ion Ratio Lower Upper

64 100

66 38.4 31.0 46.4





#7

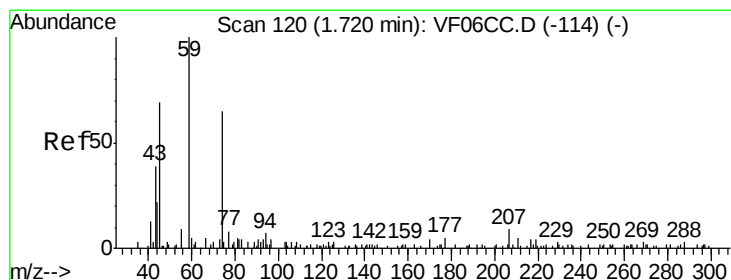
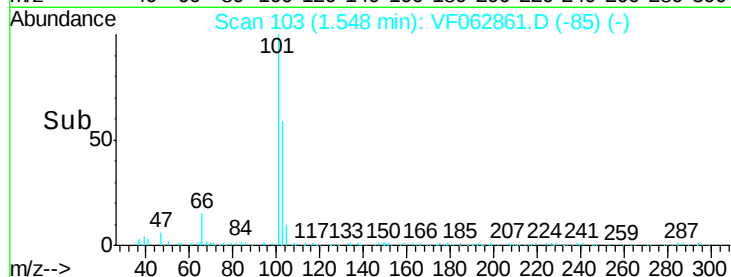
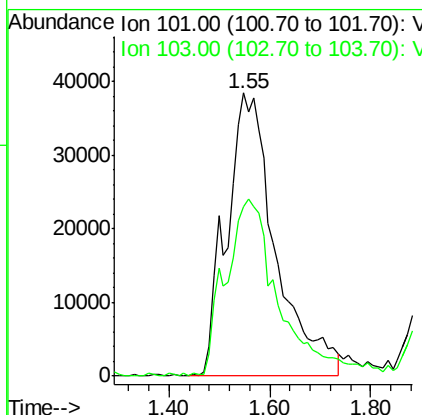
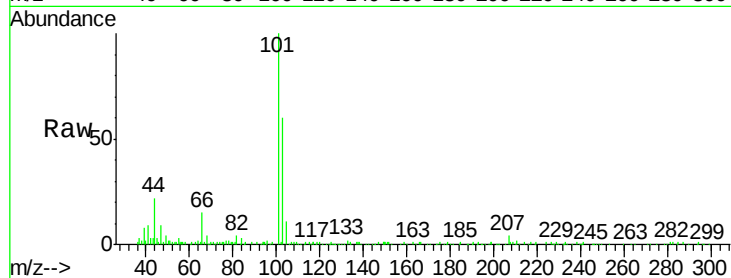
Trichlorofluoromethane
Concen: 22.111 ug/l
RT: 1.55 min Scan# 103
Delta R.T. -0.03 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.0	54.6	82.0

Manual Integrations
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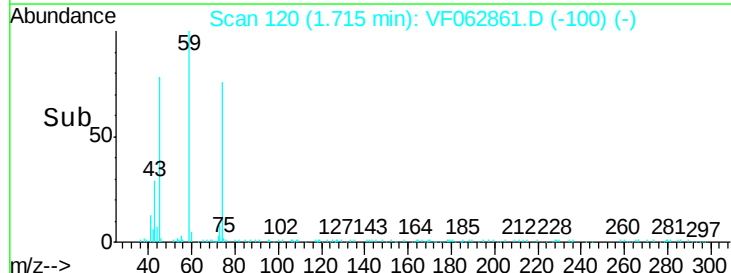
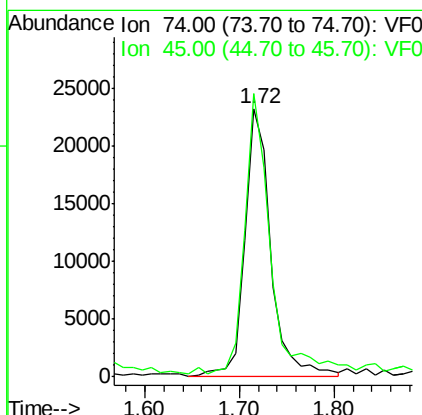
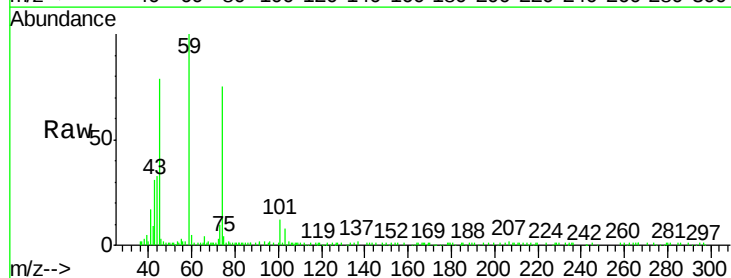
MMDadoda
6/6/2019 11:51:03 AM

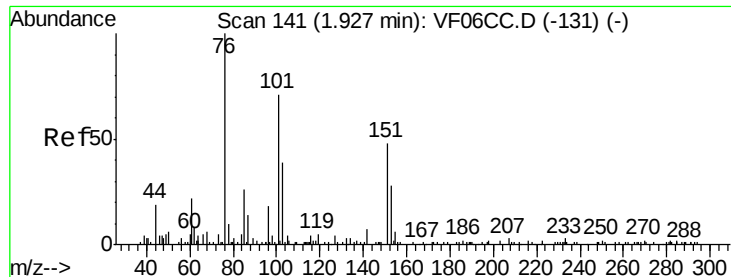


#8

Diethyl Ether
Concen: 19.180 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.4	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.292 ug/l

RT: 1.93 min Scan# 142

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

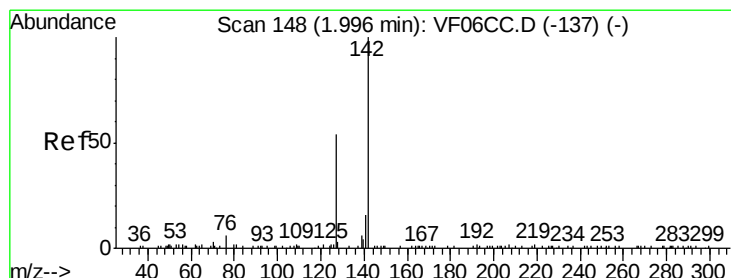
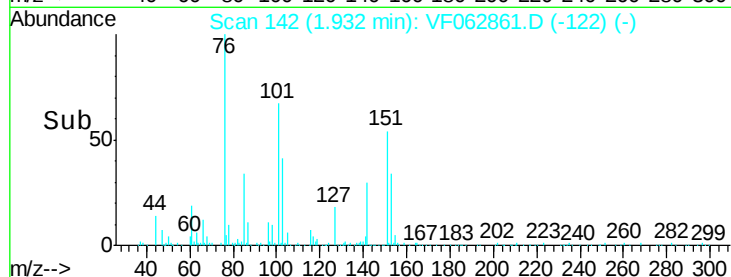
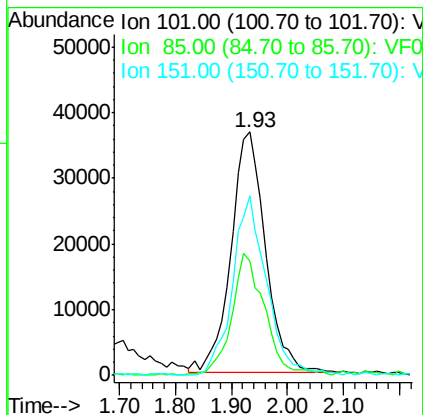
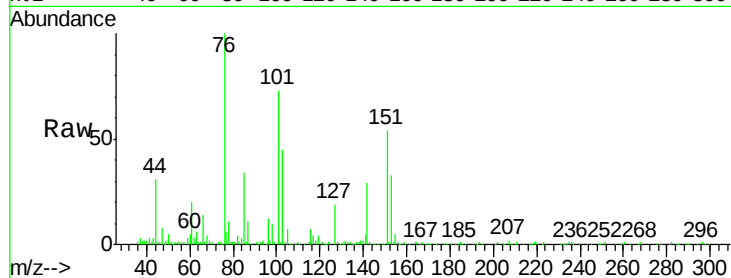
ClientSampleId :

VF0605SBS01

Tot Ion:	101	Resp:	156956
Ion Ratio	Lower	Upper	
101	100		
85	47.2	37.1	55.7
151	73.6	60.3	90.5

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#10

Methyl Iodide

Concen: 19.879 ug/l m

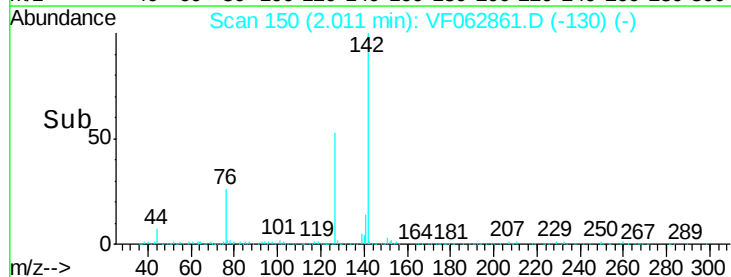
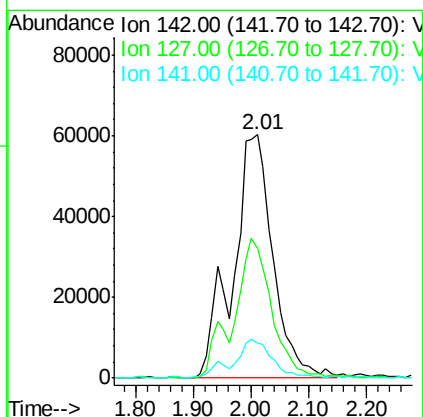
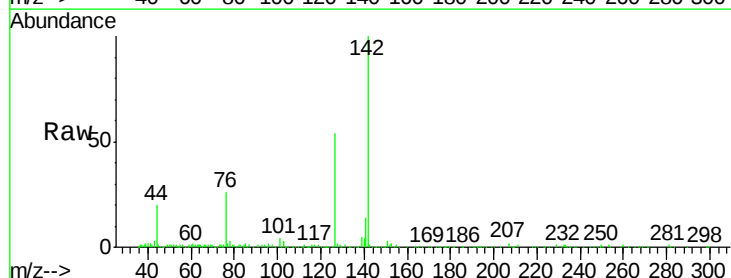
RT: 2.01 min Scan# 150

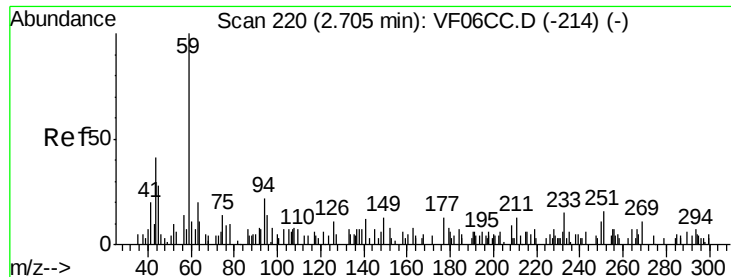
Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tgt Ion:	142	Resp:	293817
Ion Ratio	Lower	Upper	
142	100		
127	53.5	39.4	59.2
141	14.1	10.6	15.8





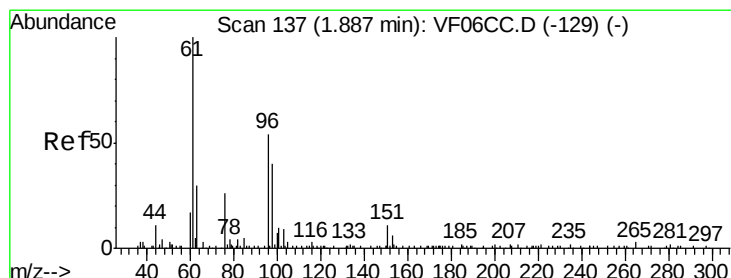
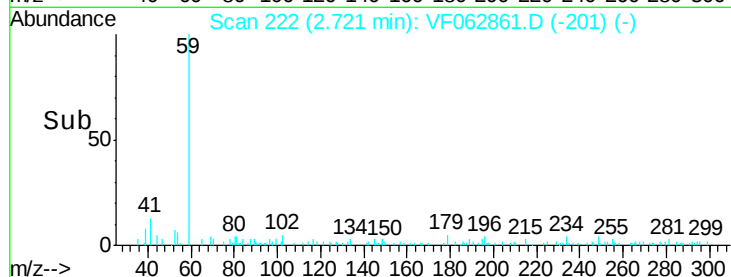
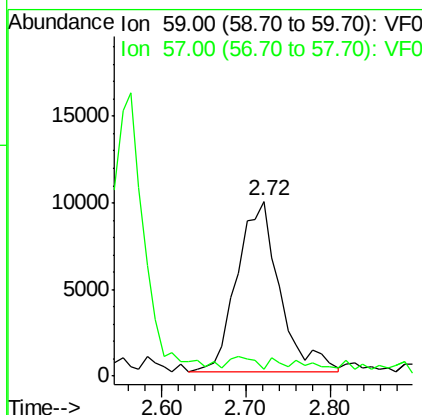
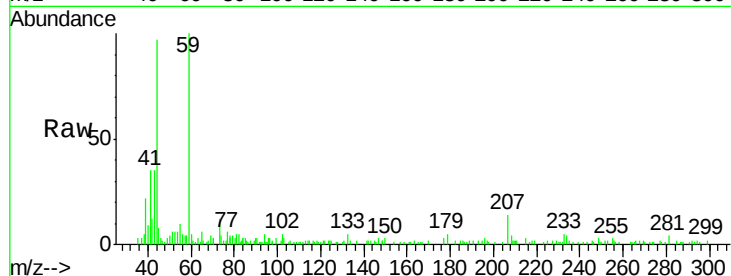
#11
Tert butyl alcohol
Concen: 102.354 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.00 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion: 59 Resp: 34537
Ion Ratio Lower Upper
59 100
57 4.2 9.2 13.8#

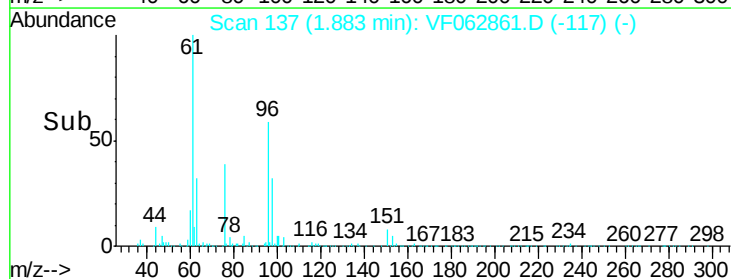
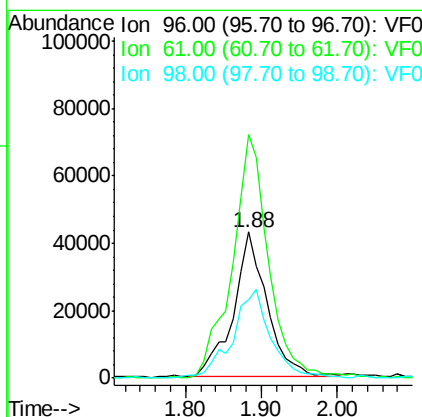
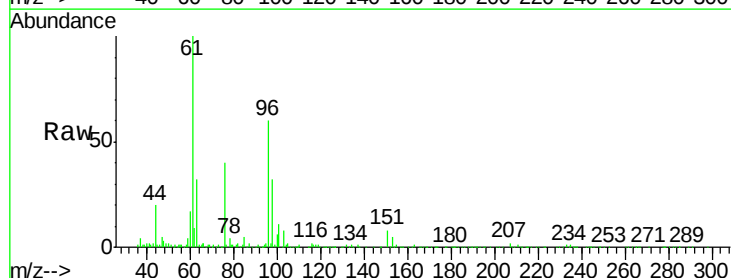
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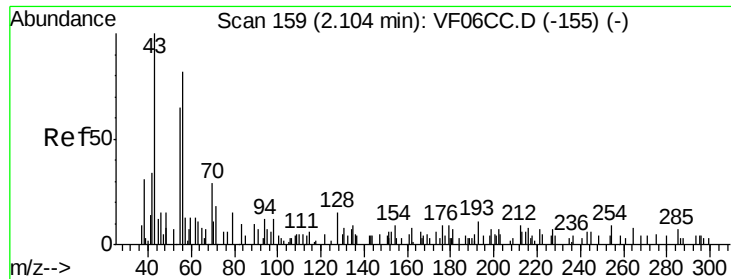
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#12
1,1-Dichloroethene
Concen: 19.765 ug/l
RT: 1.88 min Scan# 137
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion: 96 Resp: 132298
Ion Ratio Lower Upper
96 100
61 166.9 139.4 209.2
98 54.2 50.3 75.5





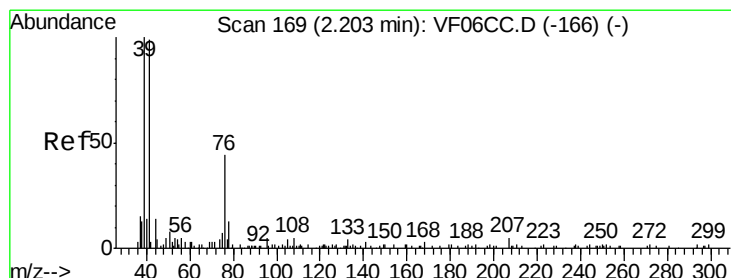
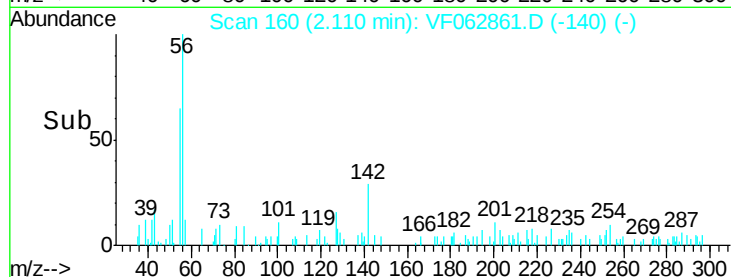
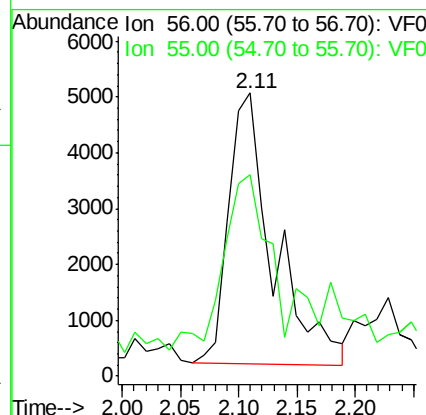
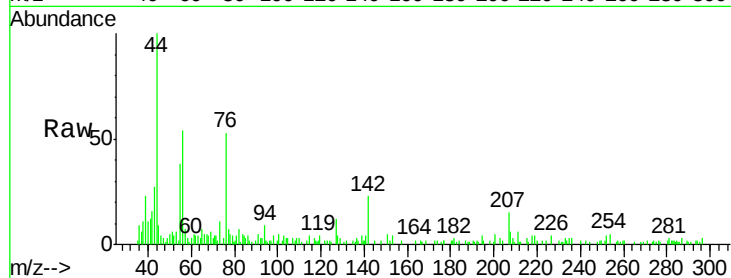
#13
Acrolein
Concen: 90.592 ug/l
RT: 2.11 min Scan# 160
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion: 56 Resp: 12915
Ion Ratio Lower Upper
56 100
55 71.0 52.9 79.3

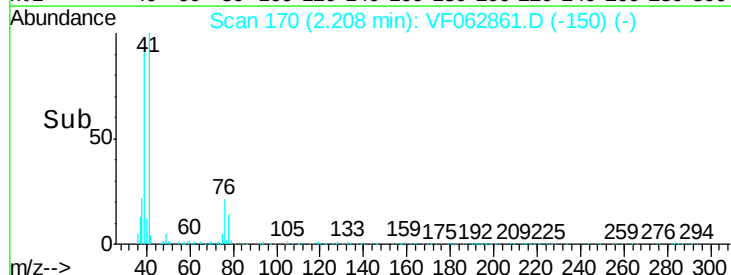
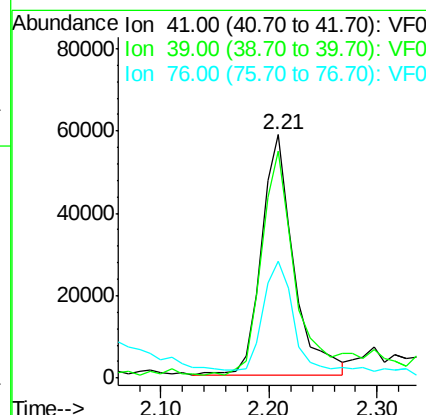
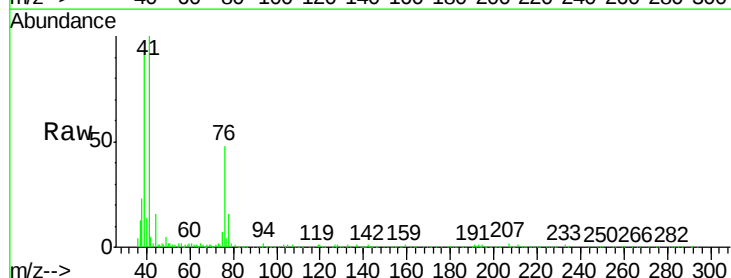
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#14
Allyl chloride
Concen: 23.340 ug/l
RT: 2.21 min Scan# 170
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion: 41 Resp: 121204
Ion Ratio Lower Upper
41 100
39 93.0 71.9 107.9
76 47.9 39.6 59.4





#15

Acrylonitrile

Concen: 120.040 ug/l

RT: 3.10 min Scan# 260

Delta R.T. -0.02 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

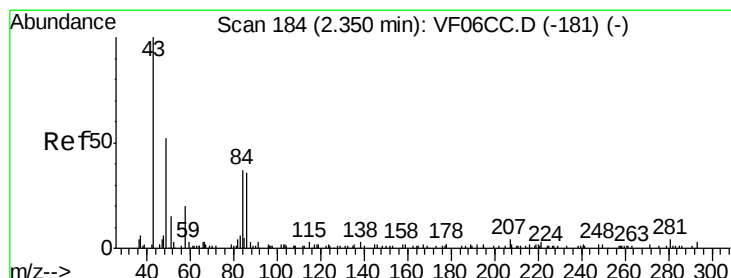
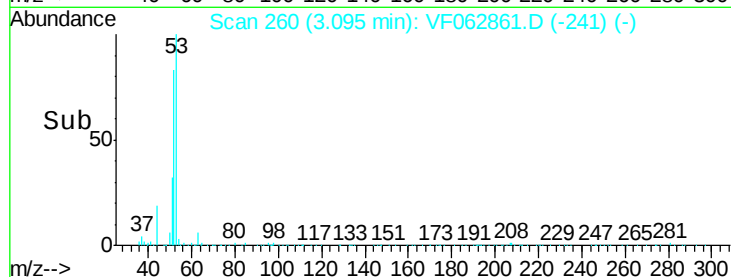
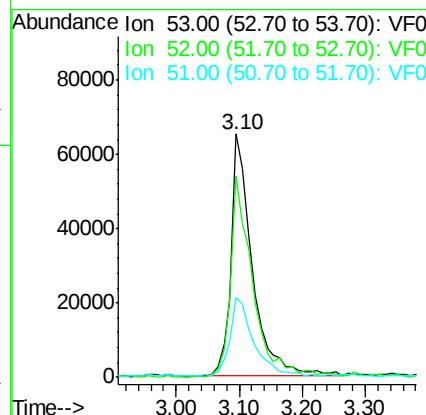
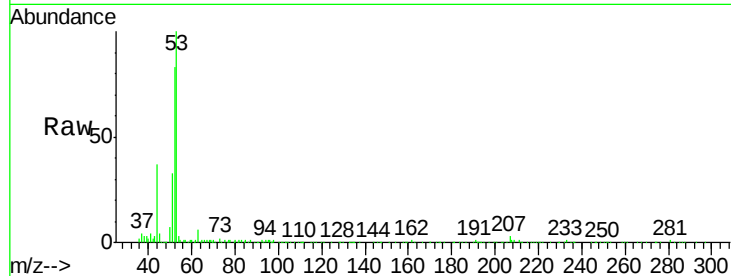
ClientSampleId :

VF0605SBS01

Tot Ion:	53	Resp:	152199
Ion Ratio	Lower	Upper	
53	100		
52	82.6	68.1	102.1
51	32.6	27.7	41.5

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#16

Acetone

Concen: 90.547 ug/l

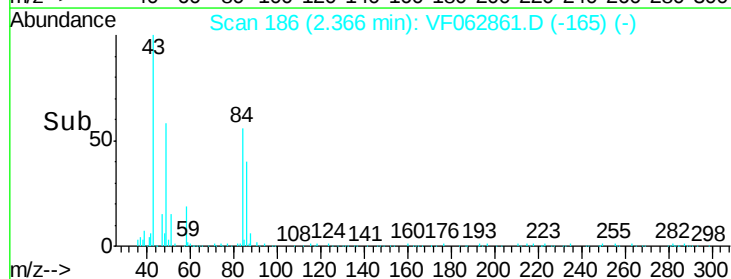
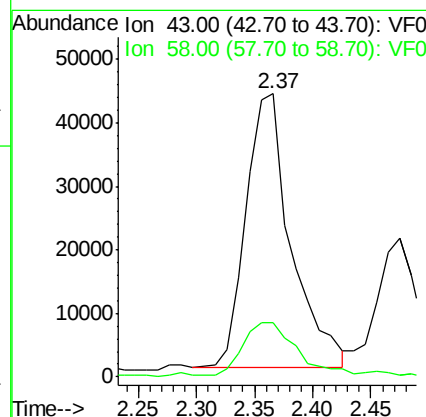
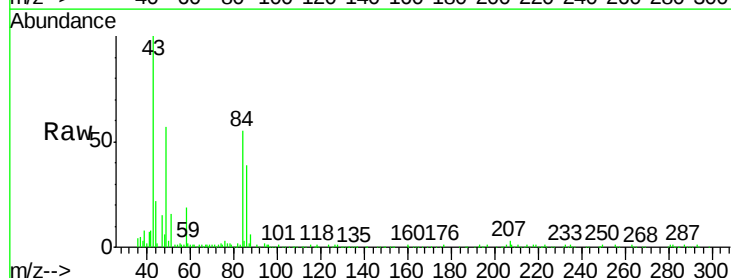
RT: 2.37 min Scan# 186

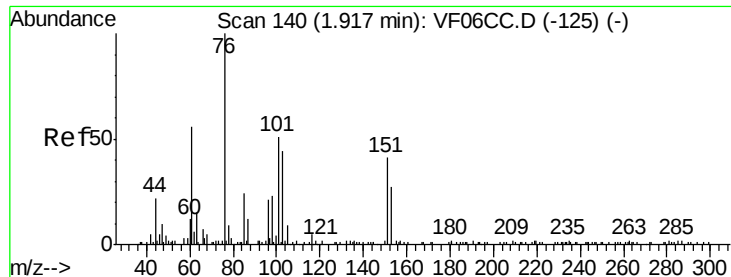
Delta R.T. 0.00 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tgt Ion:	43	Resp:	115434
Ion Ratio	Lower	Upper	
43	100		
58	19.1	19.0	28.4





#17

Carbon Disulfide

Concen: 20.670 ug/l

RT: 1.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBS01

Tot Ion: 76 Resp: 404382

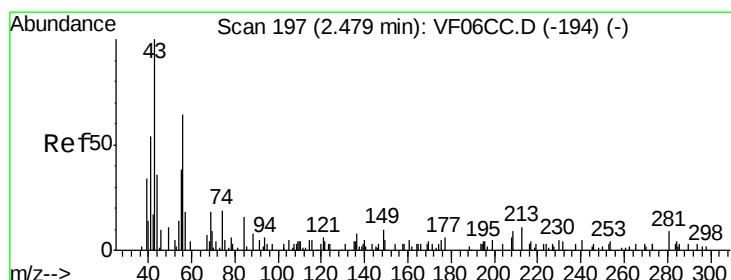
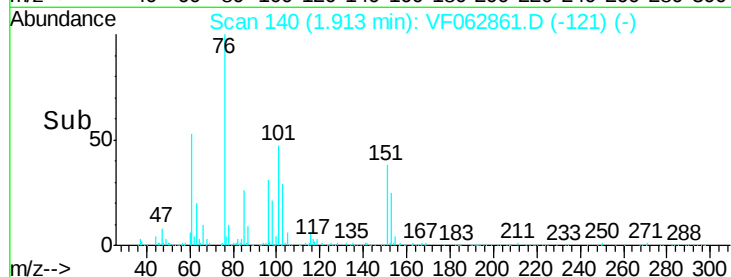
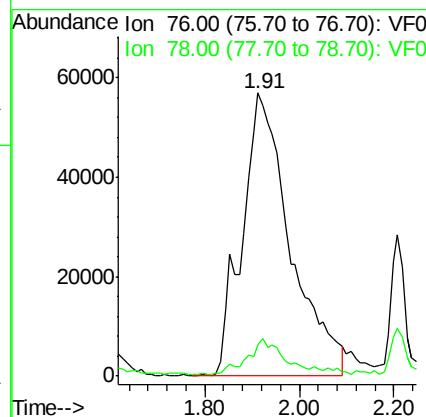
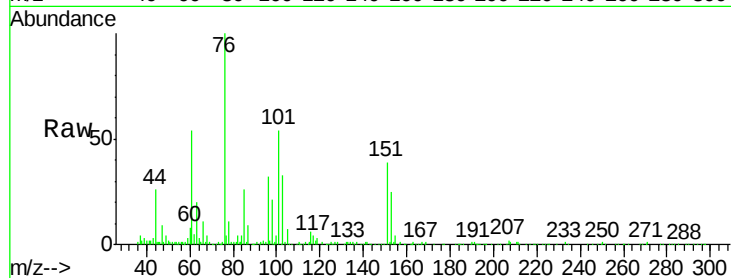
Ion Ratio Lower Upper

76 100

78 10.9 9.4 14.2

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#18

Methyl Acetate

Concen: 22.794 ug/l

RT: 2.47 min Scan# 197

Delta R.T. -0.01 min

Lab File: VF062861.D

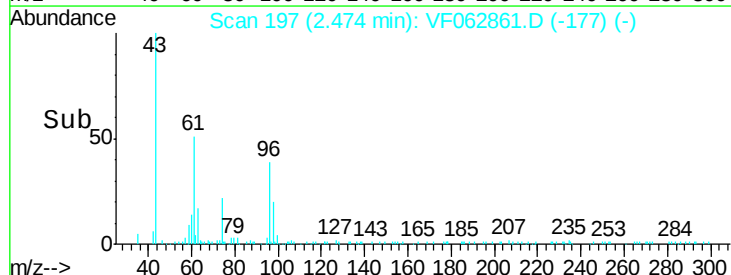
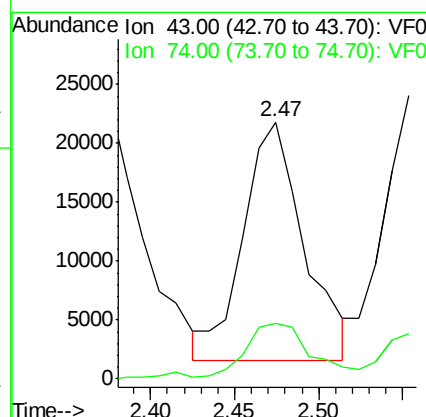
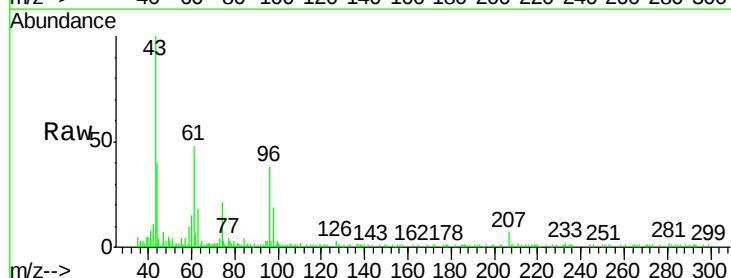
Acq: 5 Jun 2019 13:20

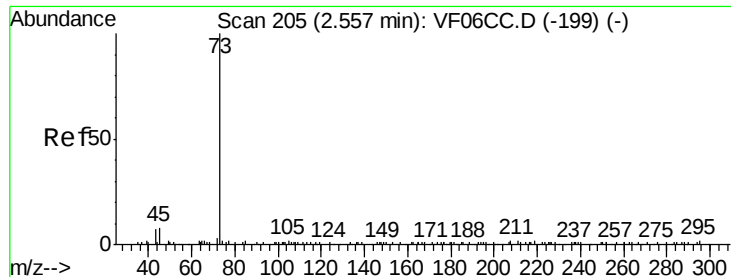
Tgt Ion: 43 Resp: 50781

Ion Ratio Lower Upper

43 100

74 21.4 22.1 33.1#





#19

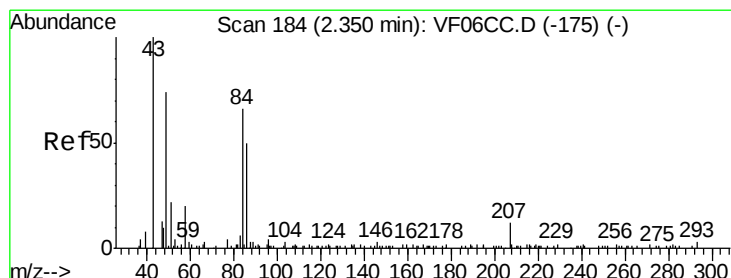
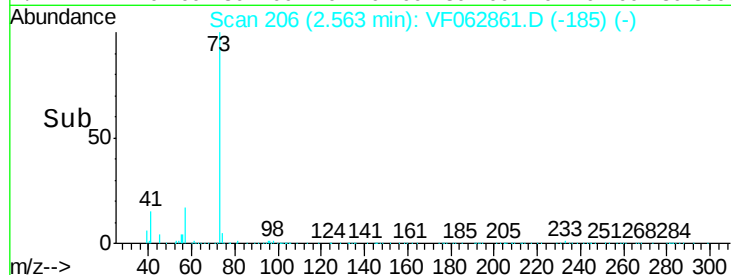
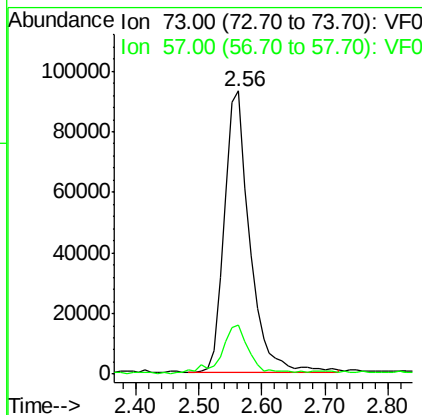
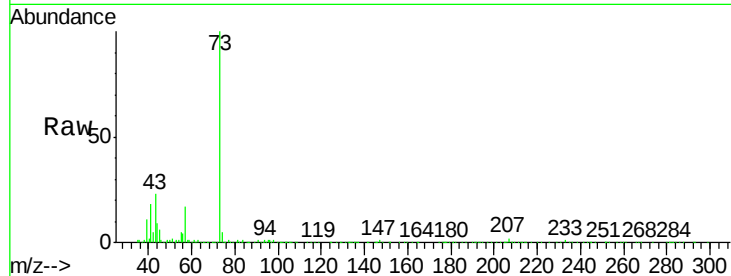
Methyl tert-butyl Ether
 Concen: 21.362 ug/l
 RT: 2.56 min Scan# 206
 Delta R.T. 0.00 min
 Lab File: VF062861.D
 Acq: 5 Jun 2019 13:20

Instrument :
 MSVOA_F
 ClientSampleID :
 VF0605SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	17.5	15.1	22.7

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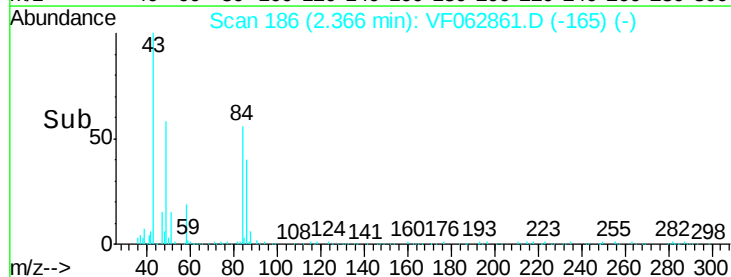
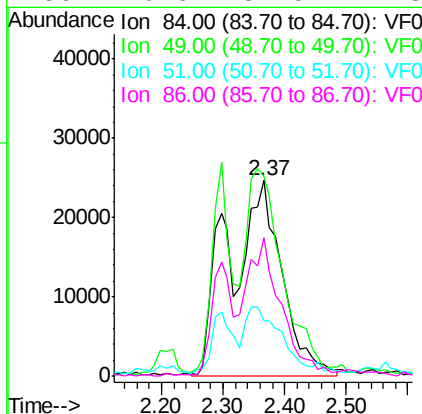
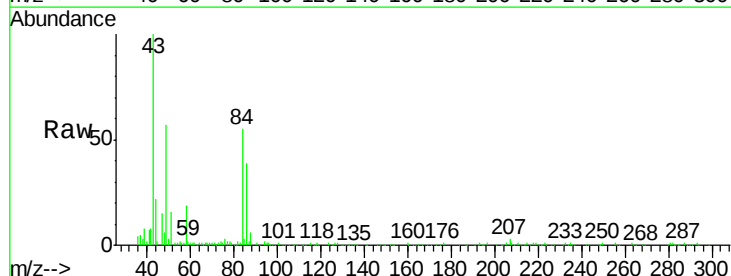
MMDadoda
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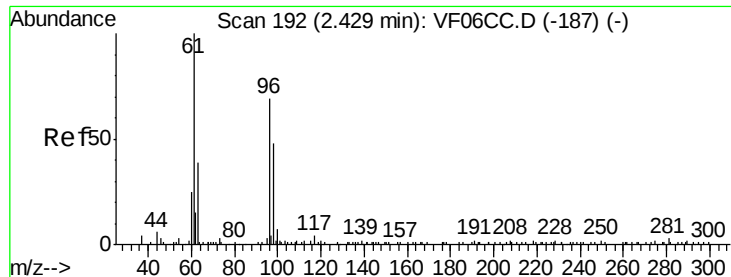


#20

Methylene Chloride
 Concen: 21.491 ug/l m
 RT: 2.37 min Scan# 186
 Delta R.T. 0.00 min
 Lab File: VF062861.D
 Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	102.5	82.6	123.8
51	28.5	25.0	37.4
86	70.6	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 20.658 ug/l

RT: 2.43 min Scan# 193

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

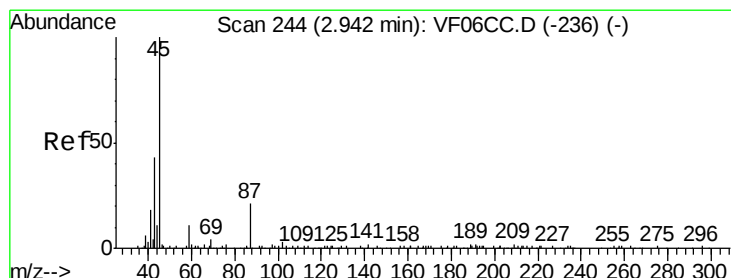
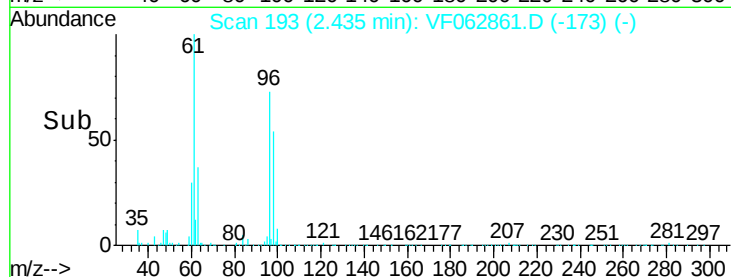
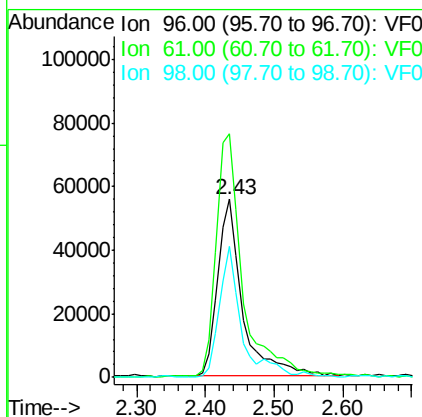
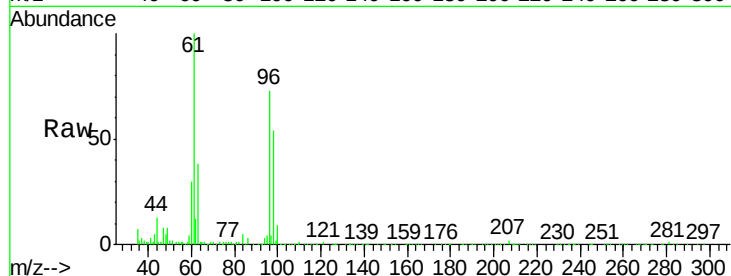
ClientSampleId :

VF0605SBS01

Tot Ion:	96	Resp:	138646
Ion	Ratio	Lower	Upper
96	100		
61	136.9	105.0	157.6
98	73.8	51.1	76.7

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#22

Diisopropyl ether

Concen: 19.567 ug/l

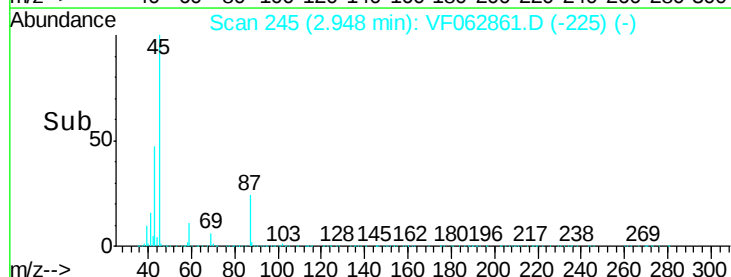
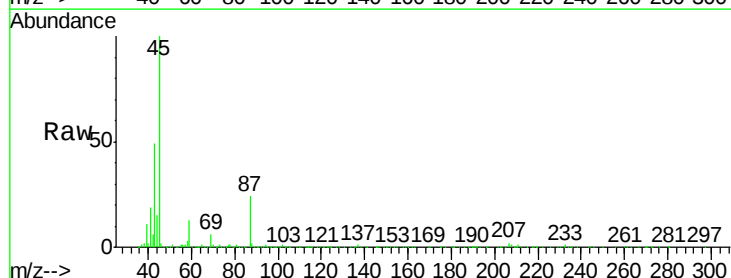
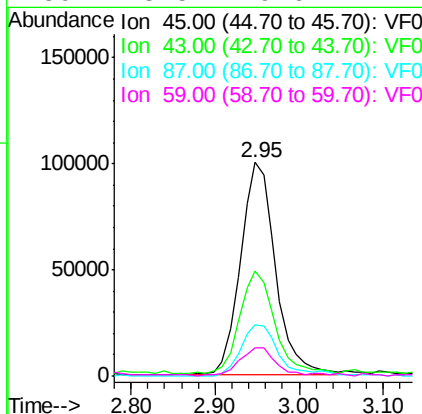
RT: 2.95 min Scan# 245

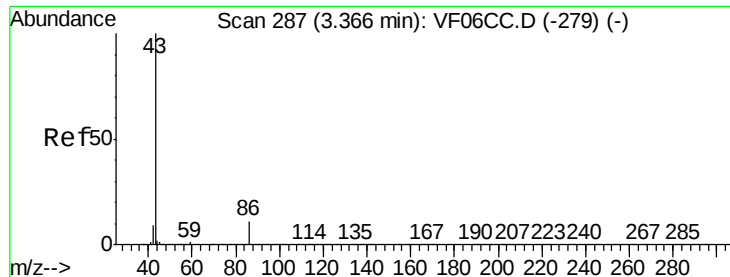
Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tgt Ion:	45	Resp:	288686
Ion	Ratio	Lower	Upper
45	100		
43	49.0	34.3	51.5
87	23.7	19.0	28.4
59	13.5	9.6	14.4





#23

Vinyl Acetate

Concen: 104.043 ug/l

RT: 3.36 min Scan# 287

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tot Ion: 43 Resp: 1050868

Ion Ratio Lower Upper

43 100

86 10.5 8.2 12.2

Instrument :

MSVOA_F

ClientSampleId :

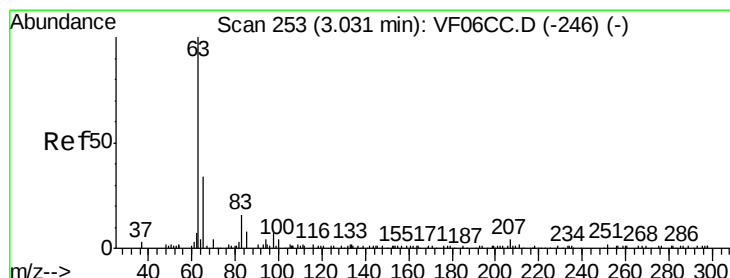
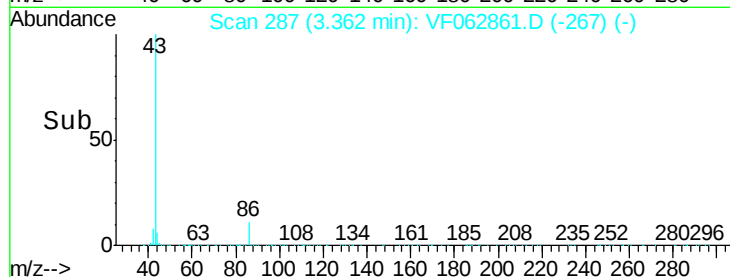
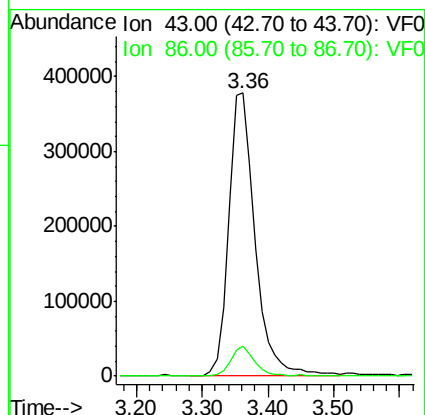
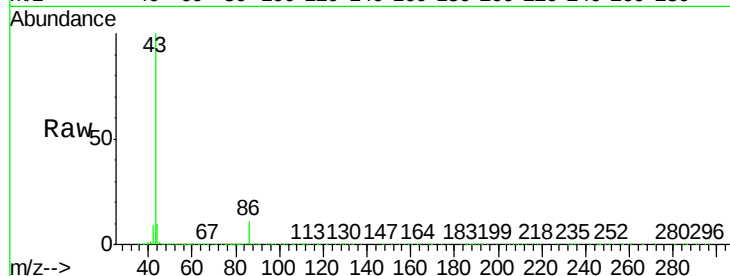
VF0605SBS01

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#24

1,1-Dichloroethane

Concen: 22.336 ug/l

RT: 3.03 min Scan# 253

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

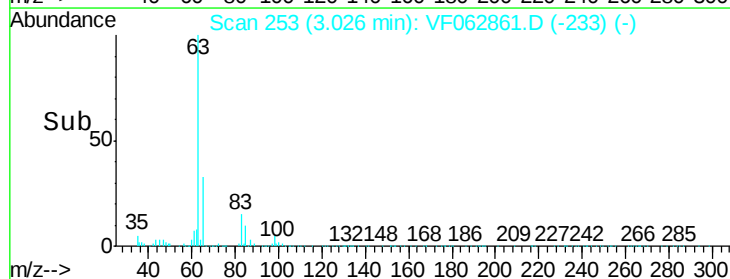
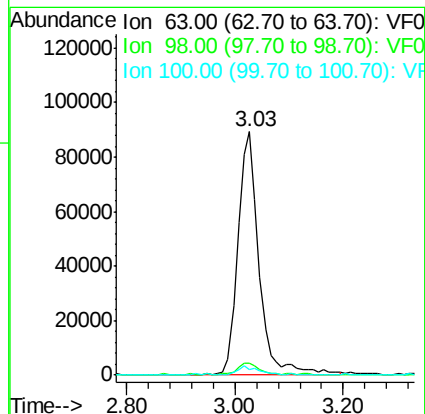
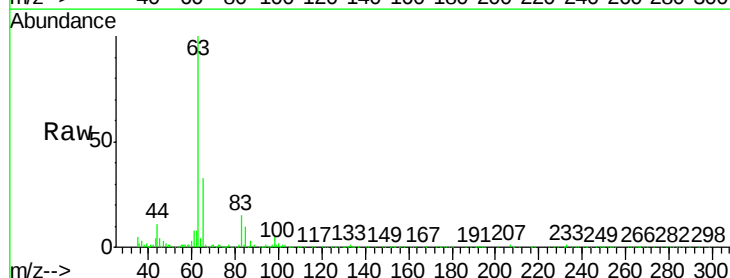
Tgt Ion: 63 Resp: 246043

Ion Ratio Lower Upper

63 100

98 4.8 2.4 7.1

100 2.5 1.5 4.5





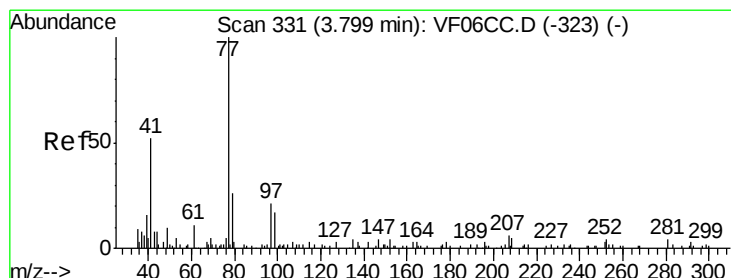
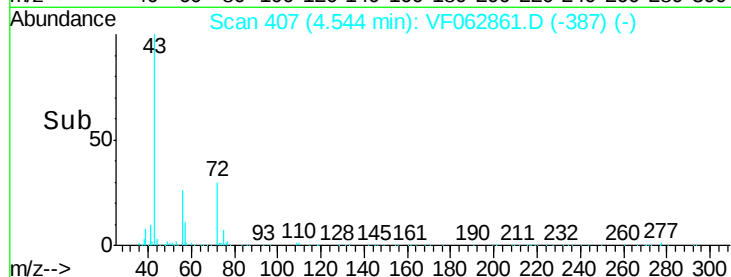
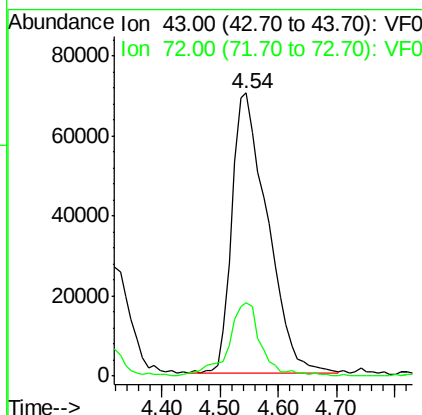
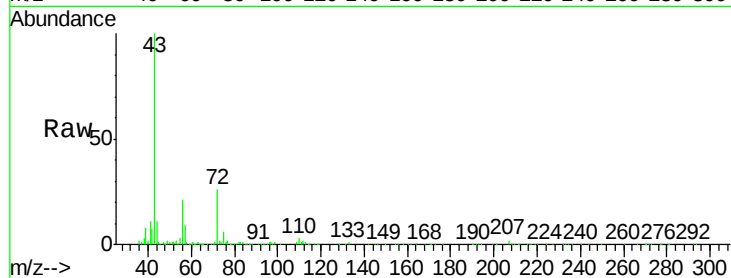
#25
2-Butanone
Concen: 100.815 ug/l
RT: 4.54 min Scan# 407
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion: 43 Resp: 299302
Ion Ratio Lower Upper
43 100
72 25.8 21.4 32.0

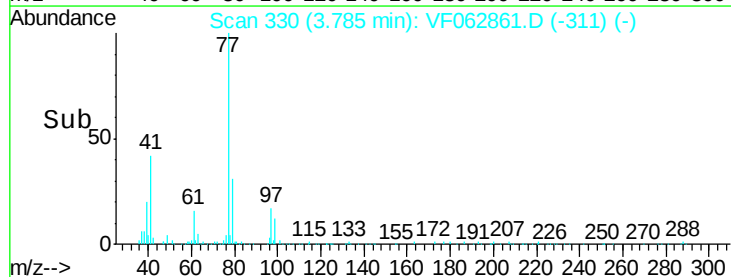
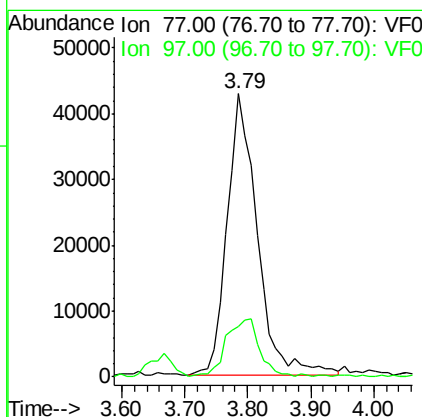
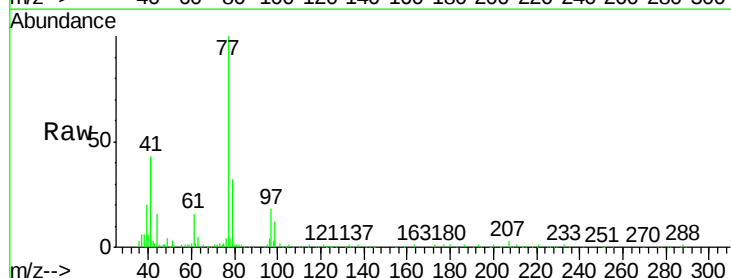
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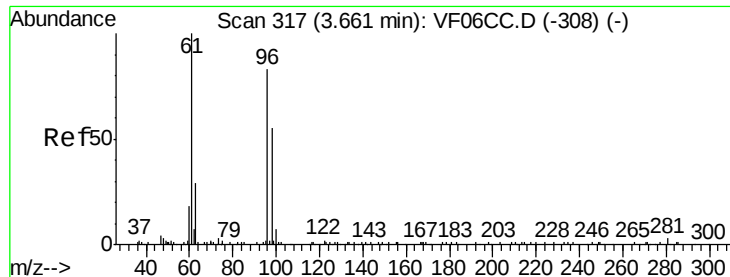
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6/6/2019 11:51:03 AM



#26
2,2-Dichloropropane
Concen: 22.804 ug/l
RT: 3.79 min Scan# 330
Delta R.T. -0.02 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion: 77 Resp: 142633
Ion Ratio Lower Upper
77 100
97 17.9 12.4 37.4





#27

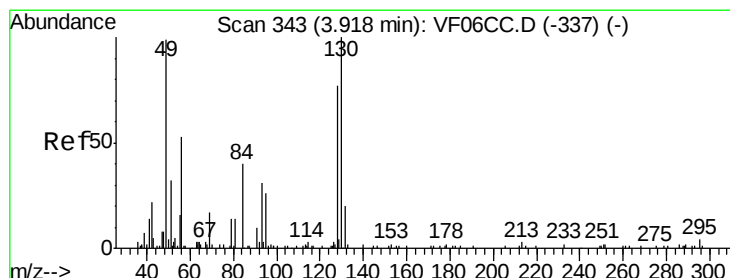
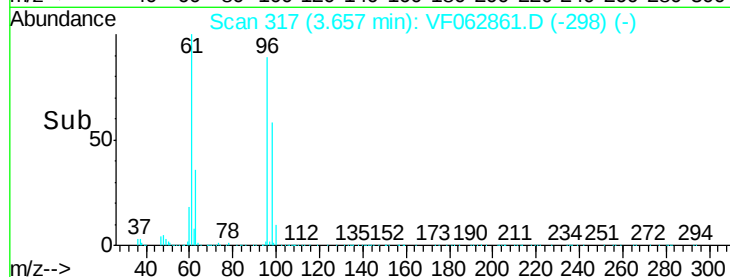
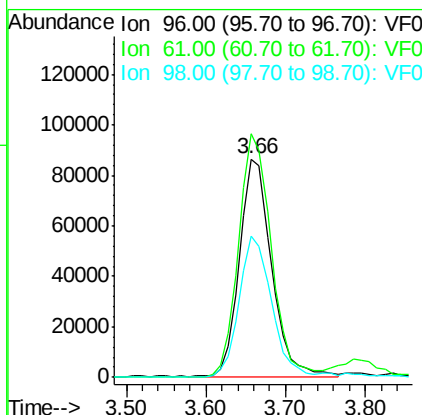
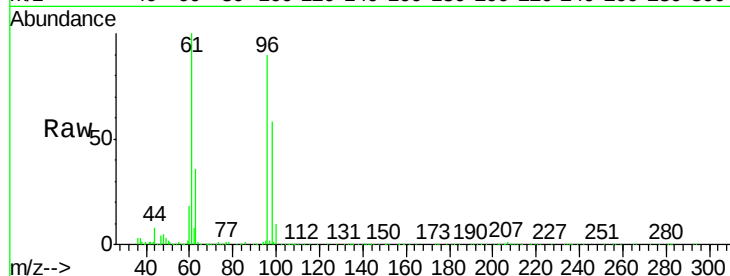
cis-1,2-Dichloroethene
Concen: 21.364 ug/l
RT: 3.66 min Scan# 317
Delta R.T. -0.02 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	241019		
61	111.6	0.0	213.8	
98	64.9	0.0	127.0	

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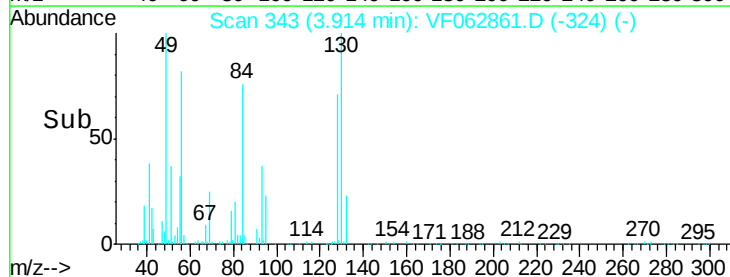
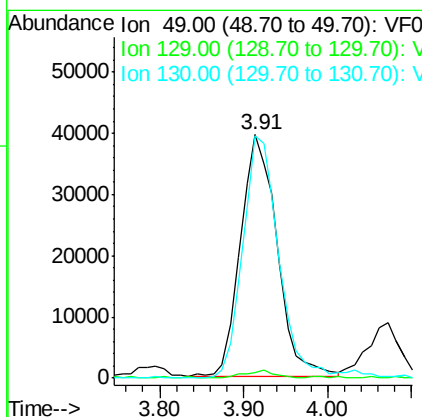
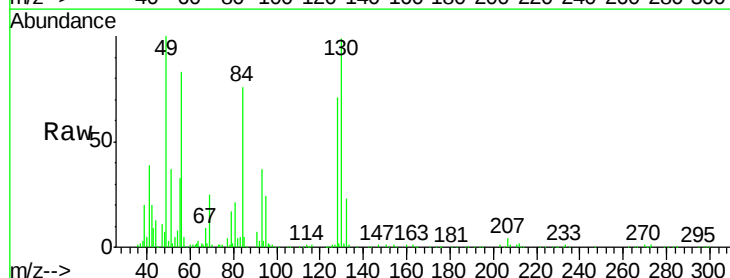
MMDadoda
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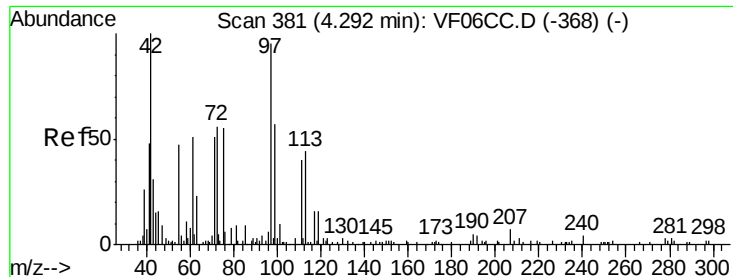


#28

Bromochloromethane
Concen: 19.999 ug/l
RT: 3.91 min Scan# 343
Delta R.T. -0.02 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	119830		
129	2.5	0.0	5.4	
130	99.3	79.2	118.8	





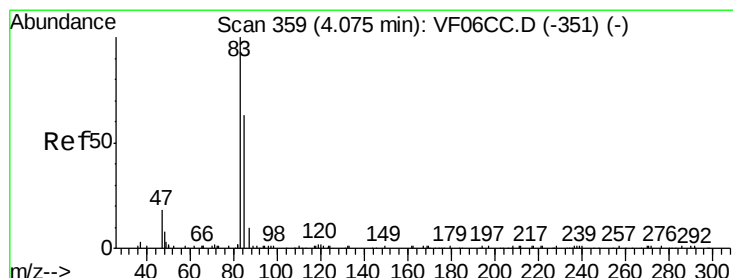
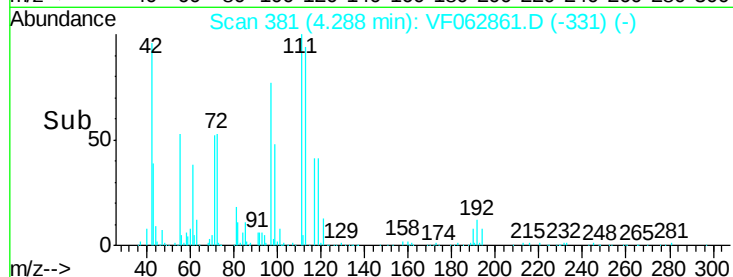
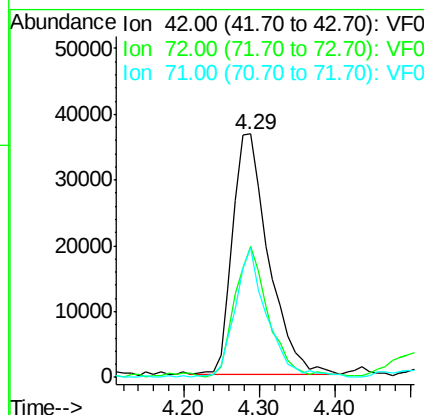
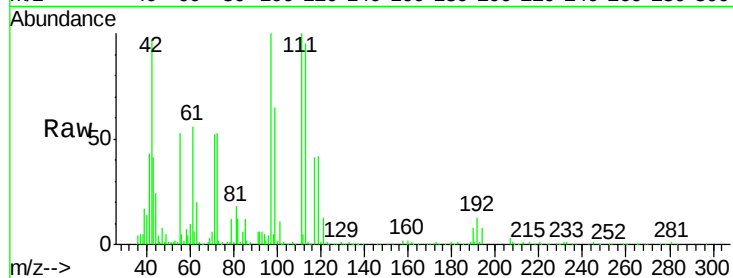
#29
Tetrahydrofuran
Concen: 106.060 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.4	39.0	58.6
71	47.8	36.9	55.3

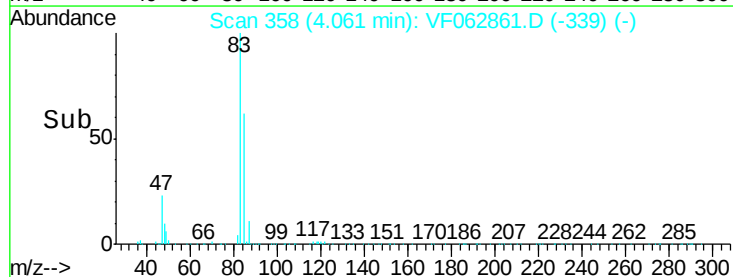
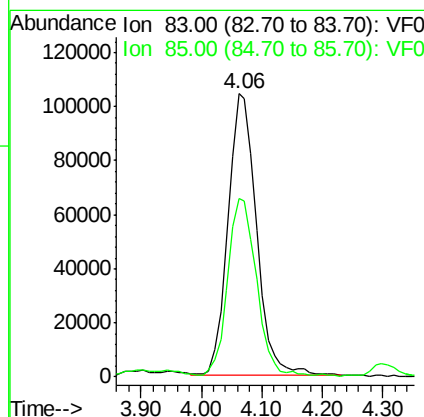
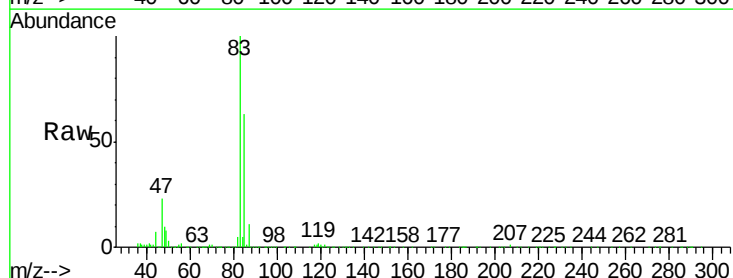
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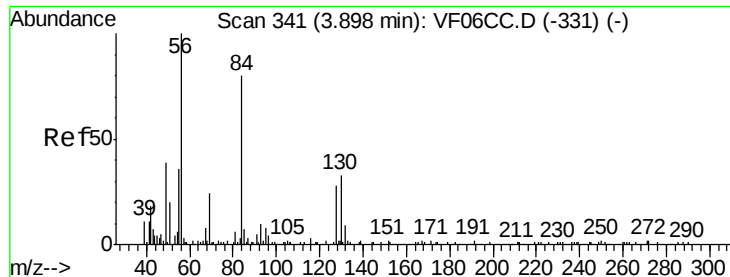
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#30
Chloroform
Concen: 21.678 ug/l
RT: 4.06 min Scan# 358
Delta R.T. -0.02 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	55.0	82.6





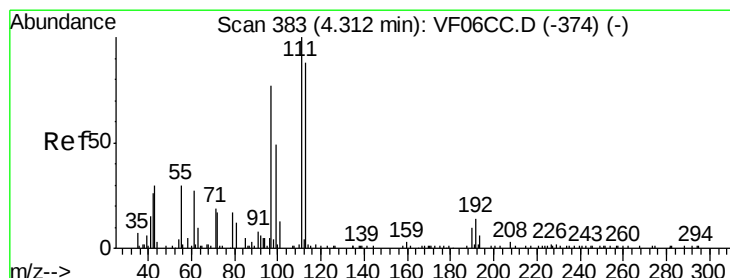
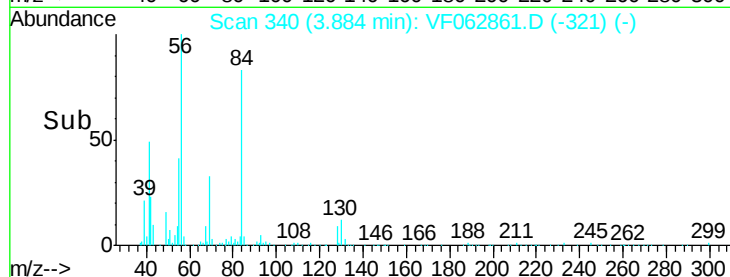
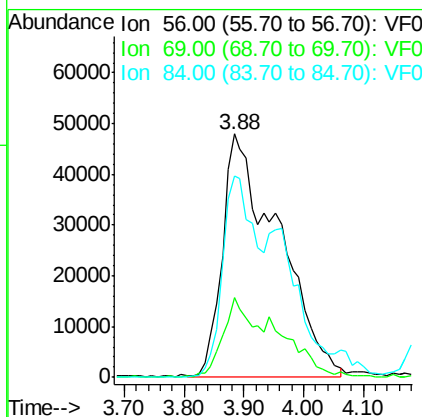
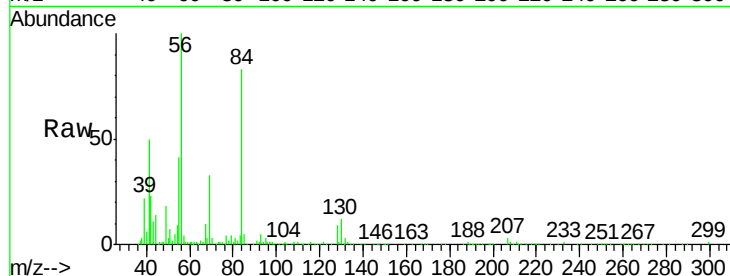
#31
Cyclohexane
Concen: 20.828 ug/l m
RT: 3.88 min Scan# 340
Delta R.T. -0.02 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.7	40.1
84	82.7	74.3	111.5

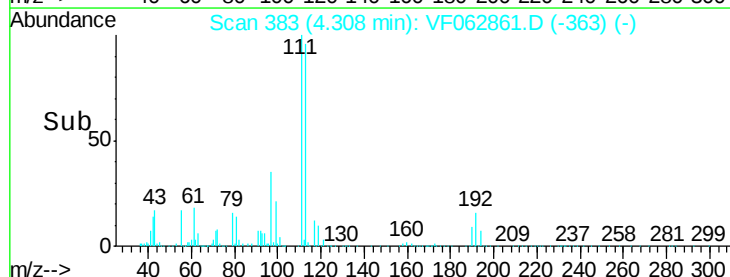
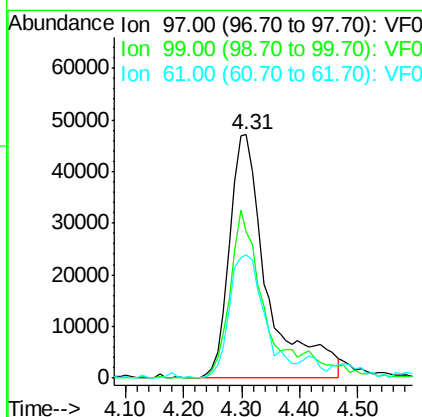
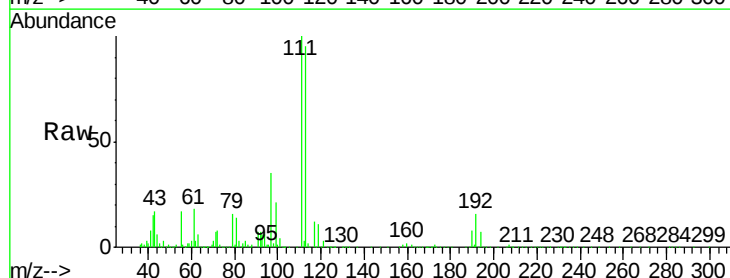
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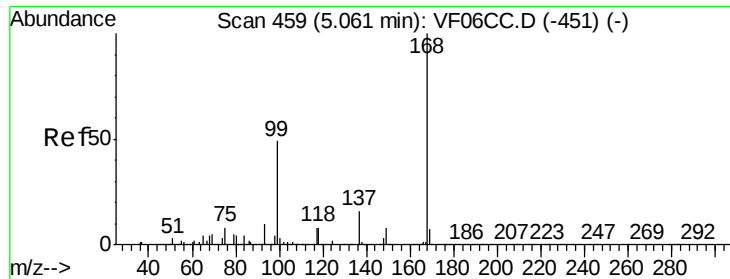
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#32
1,1,1-Trichloroethane
Concen: 23.661 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	60.3	51.7	77.5
61	50.4	38.9	58.3





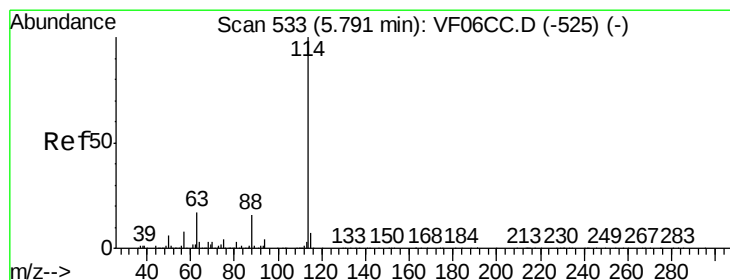
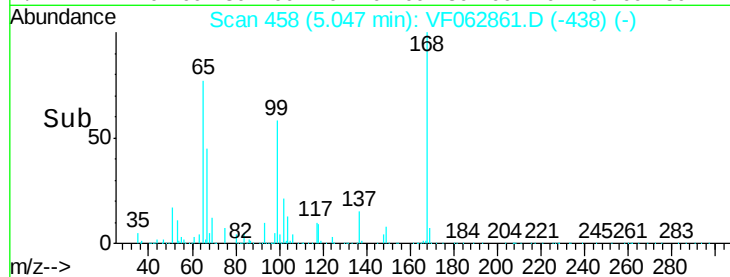
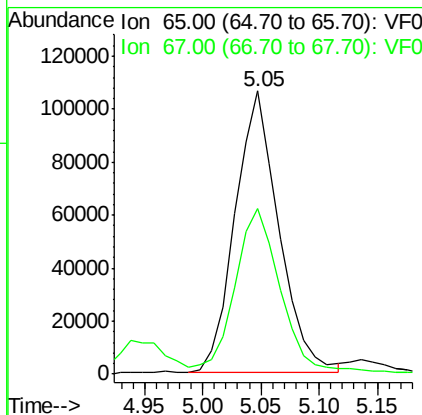
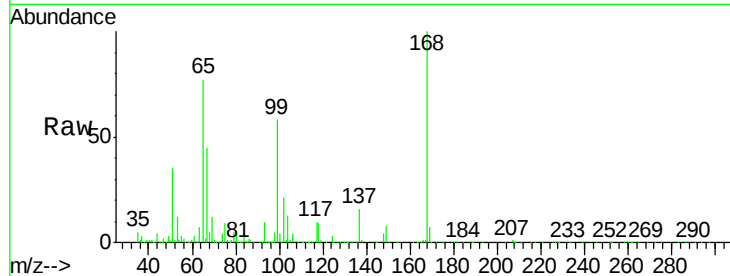
#33
 1,2-Dichloroethane-d4
 Concen: 49.914 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VF062861.D
 Acq: 5 Jun 2019 13:20

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	278022		
67	58.5	0.0	121.2	

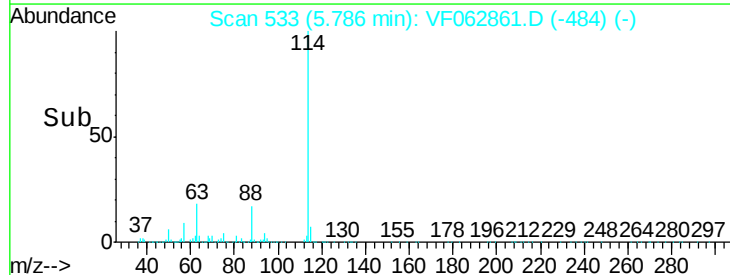
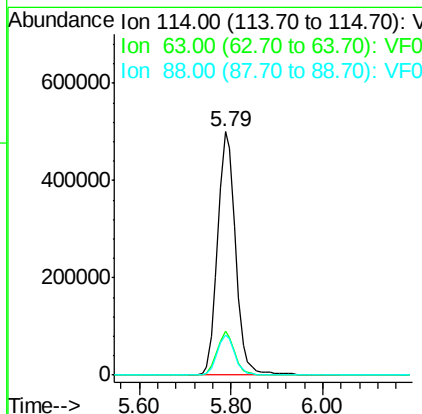
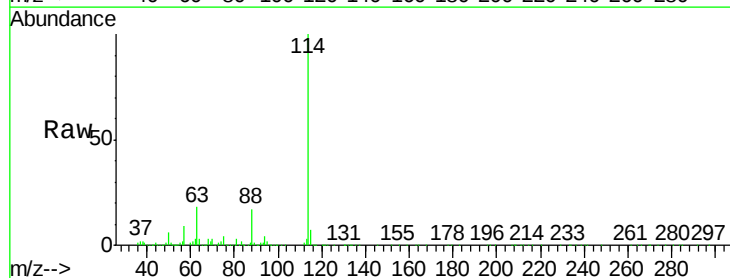
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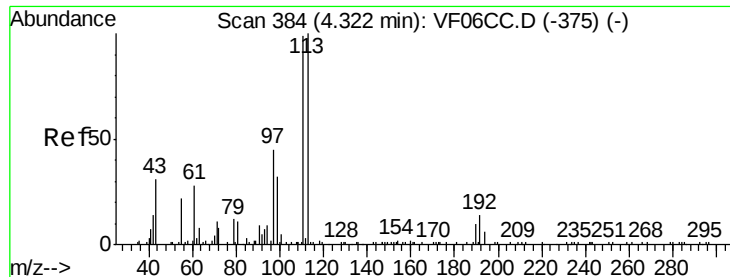
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VF062861.D
 Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1347079		
63	18.0	0.0	34.2	
88	16.6	0.0	31.2	





#35

Dibromofluoromethane

Concen: 51.679 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.02 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

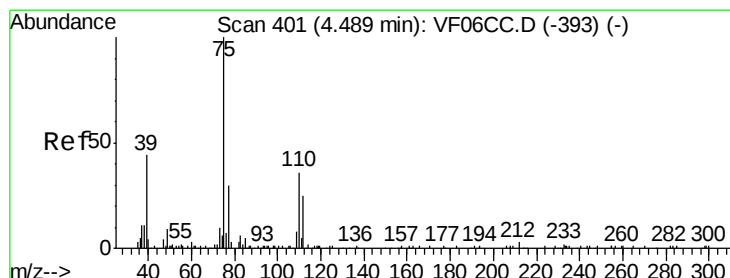
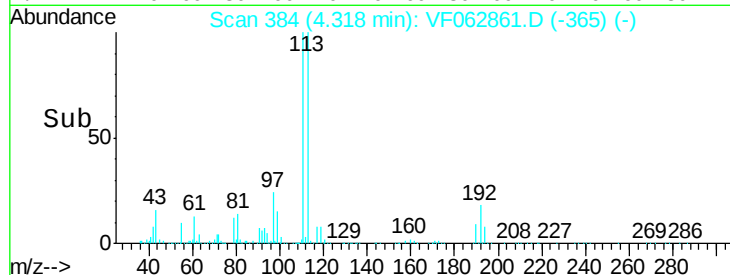
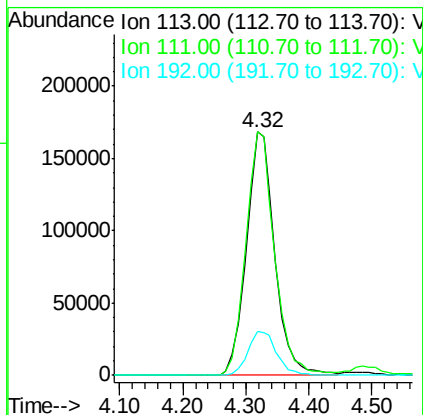
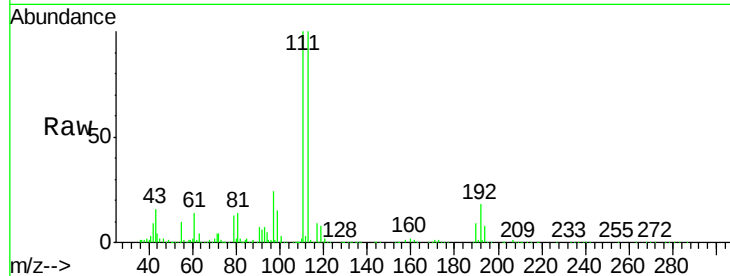
ClientSampleId :

VF0605SBS01

Tot Ion:	113	Resp:	526049
Ion Ratio	Lower	Upper	
113	100		
111	100.1	81.9	122.9
192	18.0	15.1	22.7

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#36

1,1-Dichloropropene

Concen: 21.433 ug/l

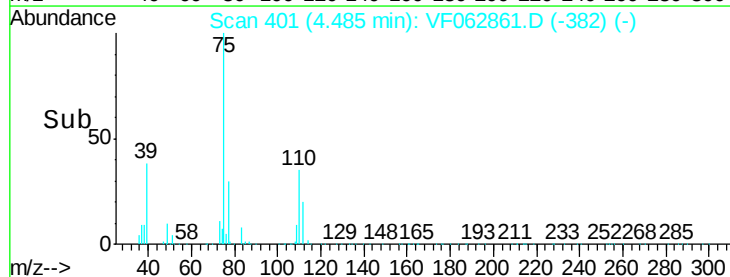
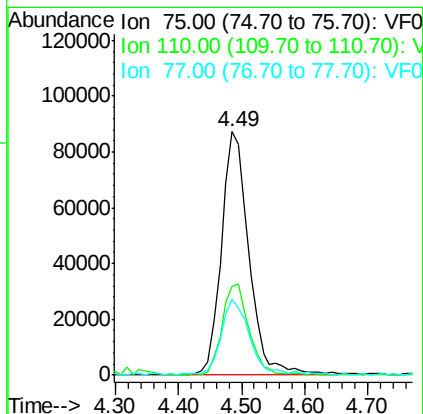
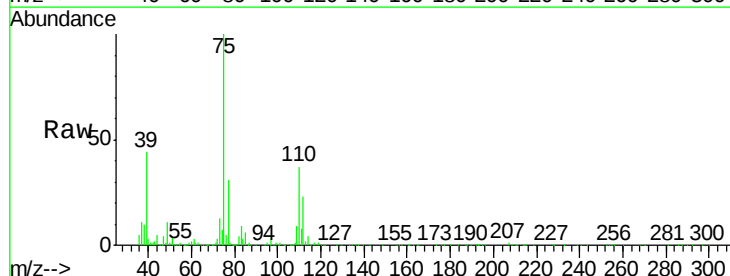
RT: 4.49 min Scan# 401

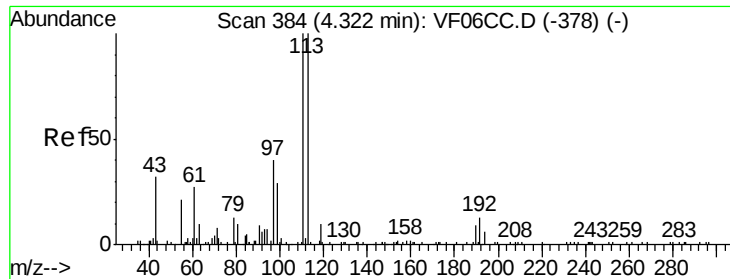
Delta R.T. -0.02 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tgt Ion:	75	Resp:	265795
Ion Ratio	Lower	Upper	
75	100		
110	36.6	19.4	58.1
77	31.1	25.4	38.2





#37

Ethyl Acetate

Concen: 22.680 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.02 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

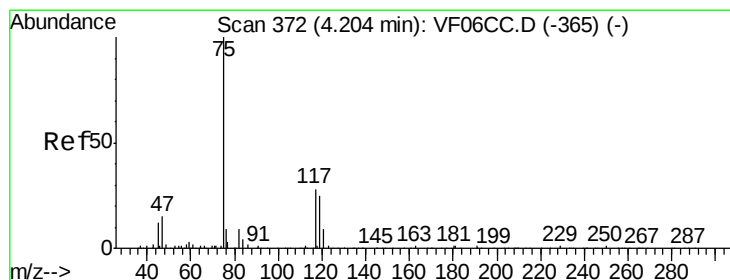
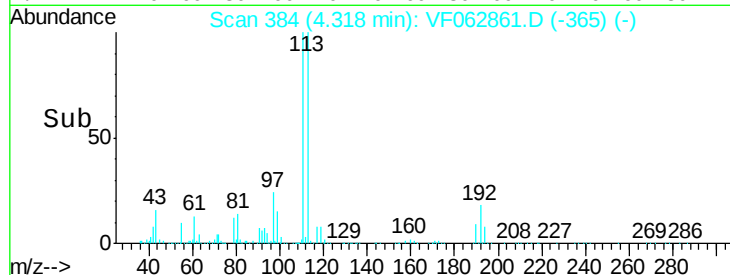
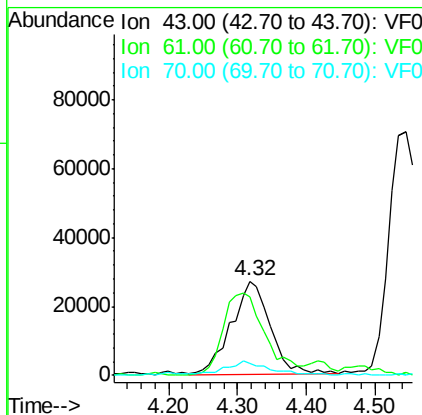
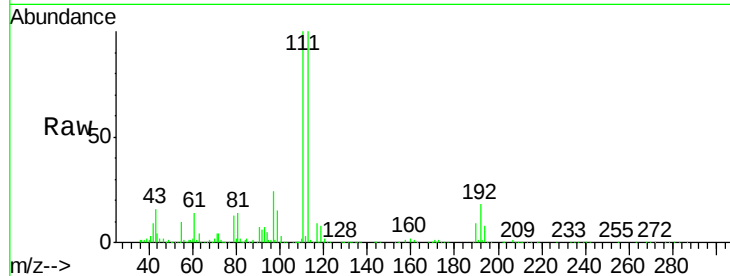
ClientSampleId :

VF0605SBS01

Tot Ion:	43	Resp:	107515
Ion	Ratio	Lower	Upper
43	100		
61	83.2	59.1	88.7
70	12.5	10.1	15.1

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#38

Carbon Tetrachloride

Concen: 20.836 ug/l

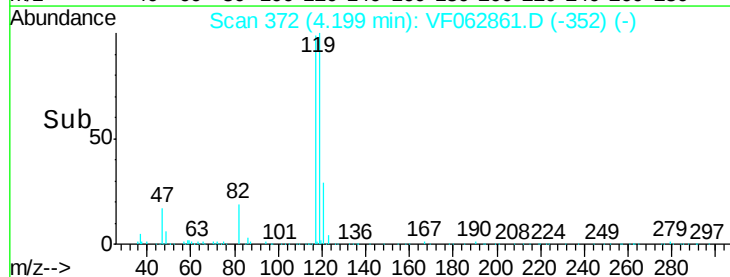
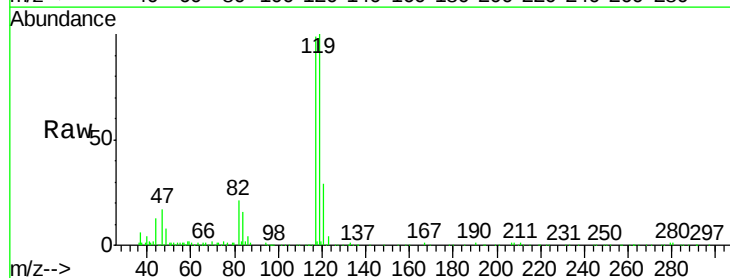
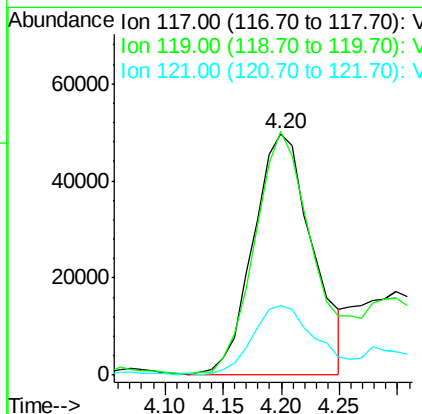
RT: 4.20 min Scan# 372

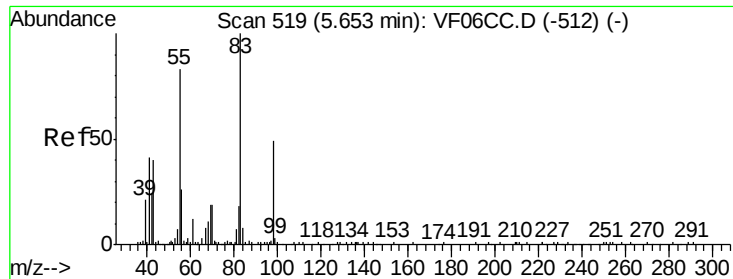
Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tgt Ion:	117	Resp:	174626
Ion	Ratio	Lower	Upper
117	100		
119	100.9	78.2	117.2
121	28.8	28.2	42.2





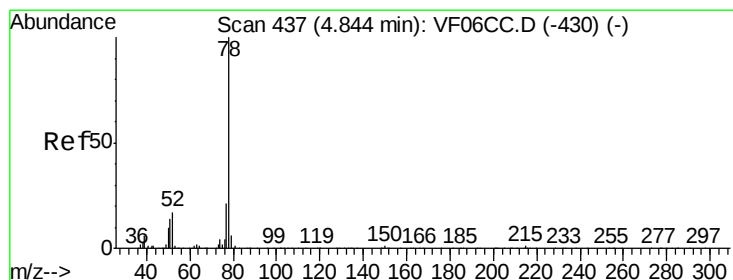
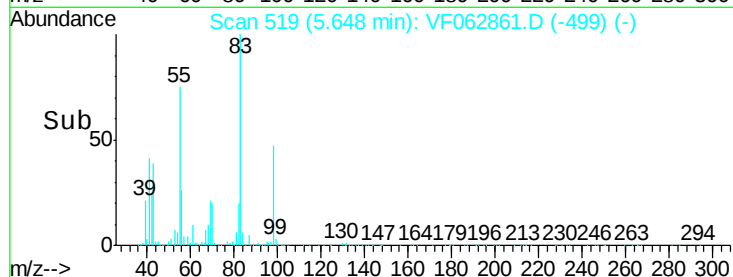
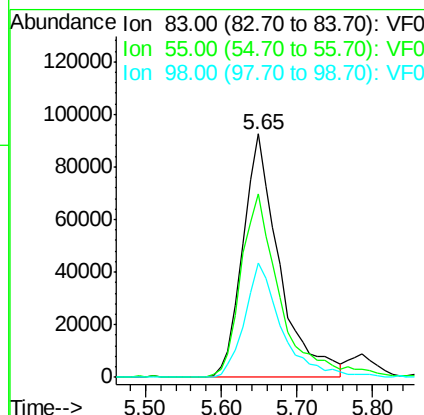
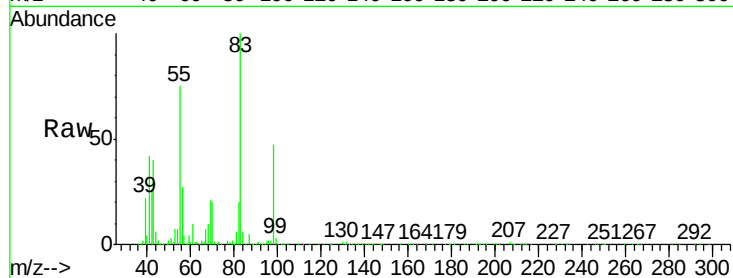
#39
Methylcyclohexane
Concen: 20.012 ug/l
RT: 5.65 min Scan# 519
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	61.6	92.4
98	46.9	37.4	56.2

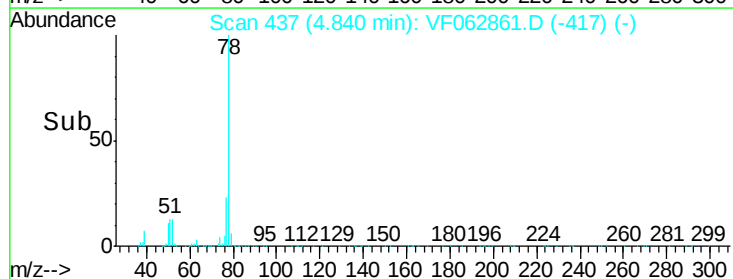
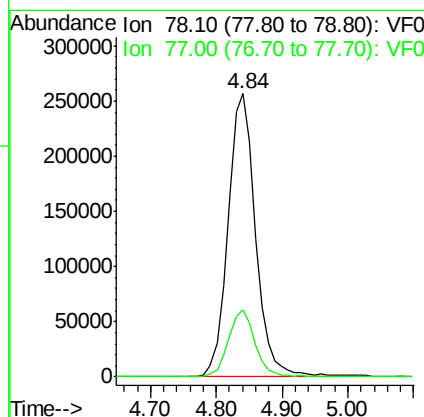
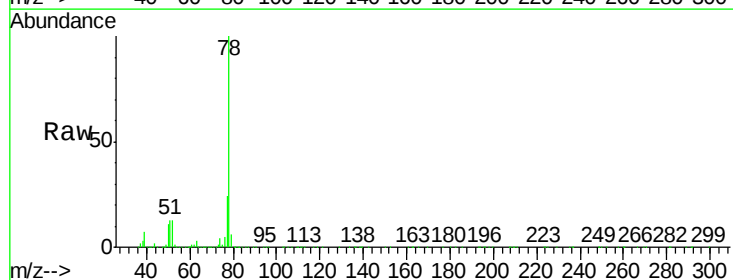
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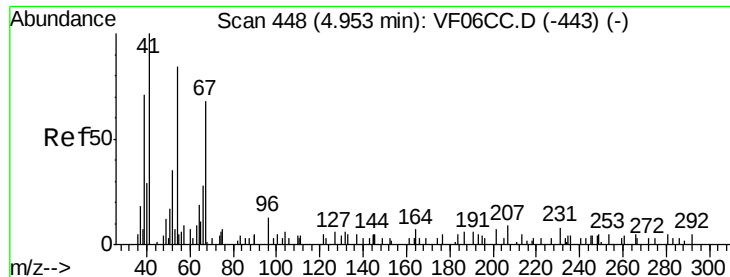
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#40
Benzene
Concen: 20.844 ug/l
RT: 4.84 min Scan# 437
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





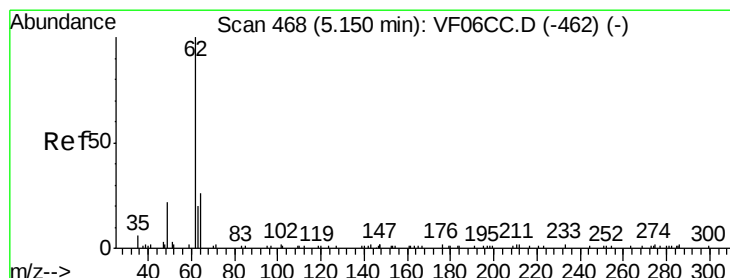
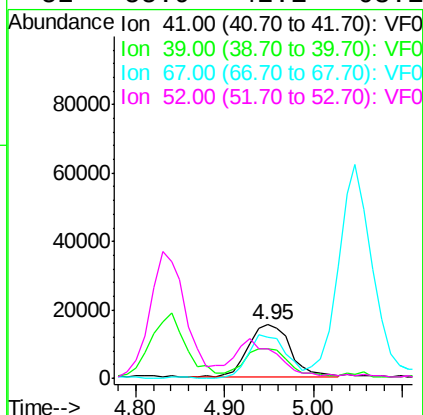
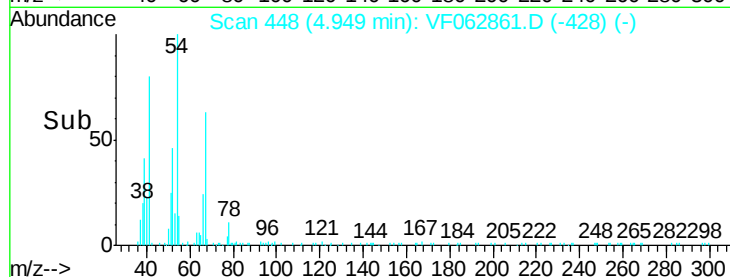
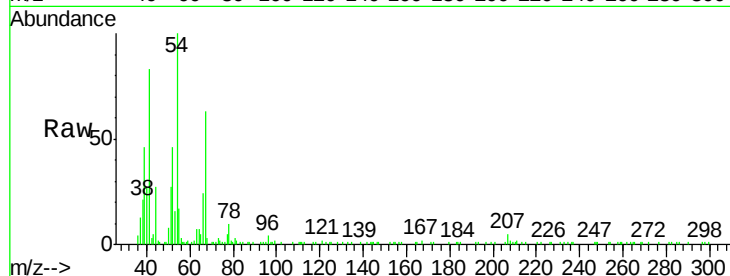
#41
Methacrylonitrile
Concen: 19.290 ug/l
RT: 4.95 min Scan# 448
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.0	42.0	63.0
67	75.7	61.4	92.0
52	55.9	42.1	63.1

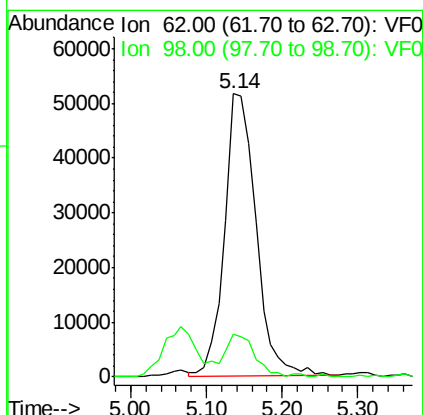
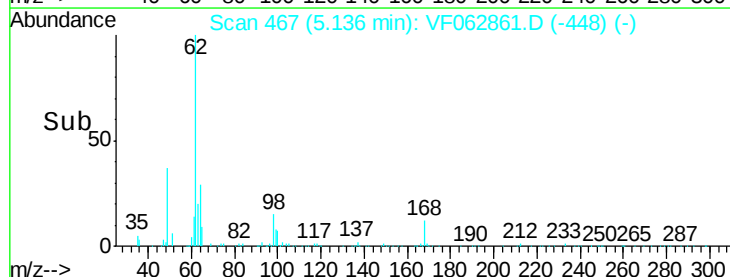
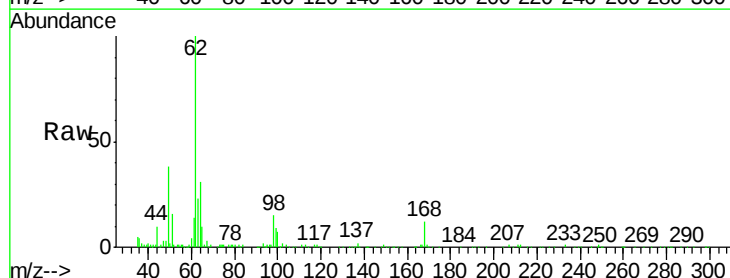
Manual Integrations
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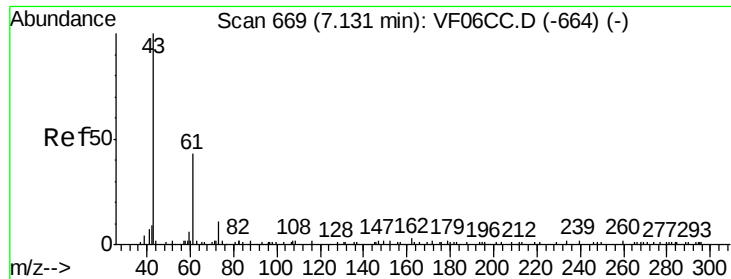
MMDadoda
6/6/2019 11:51:03 AM



#42
1,2-Dichloroethane
Concen: 21.583 ug/l
RT: 5.14 min Scan# 467
Delta R.T. -0.02 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
62	100		
98	15.0	0.0	24.0





#43

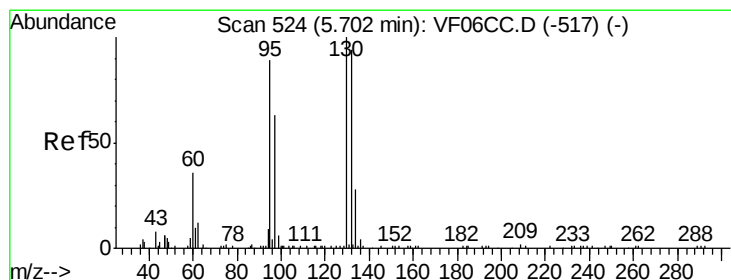
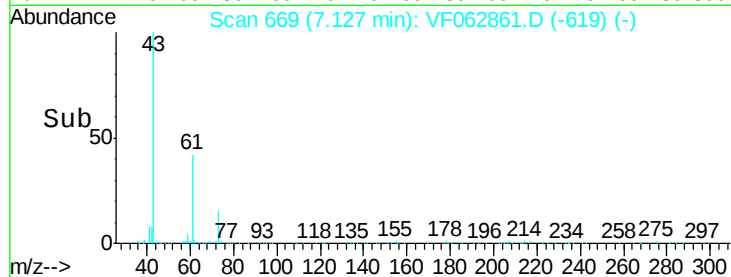
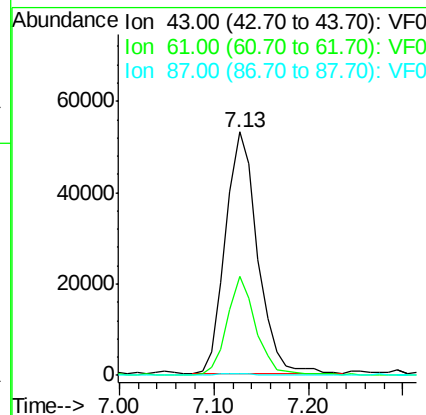
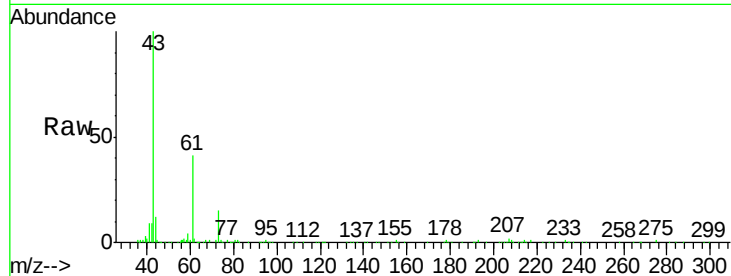
Isopropyl Acetate
 Concen: 20.127 ug/l
 RT: 7.13 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: VF062861.D
 Acq: 5 Jun 2019 13:20

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0605SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	40.5	29.8	44.6
87	0.9	0.3	0.5

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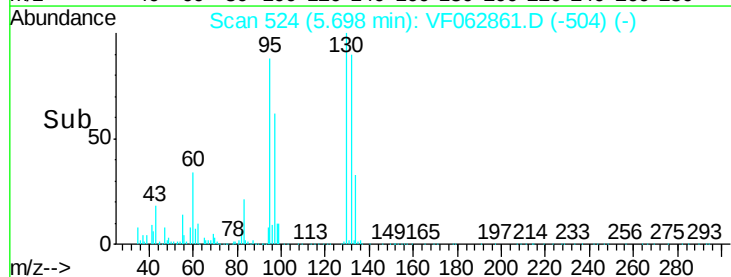
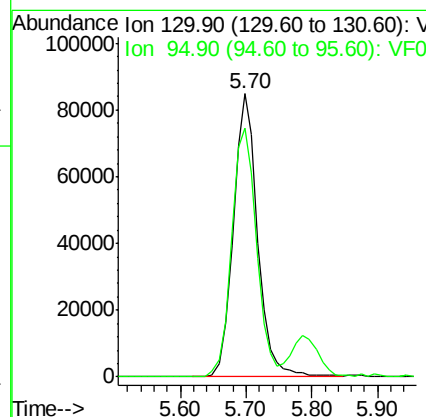
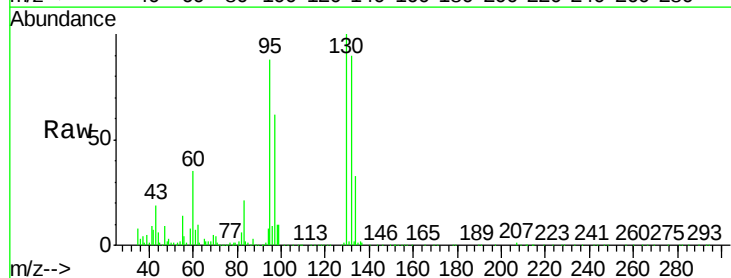
MMDadoda
 6/6/2019 11:51:03 AM

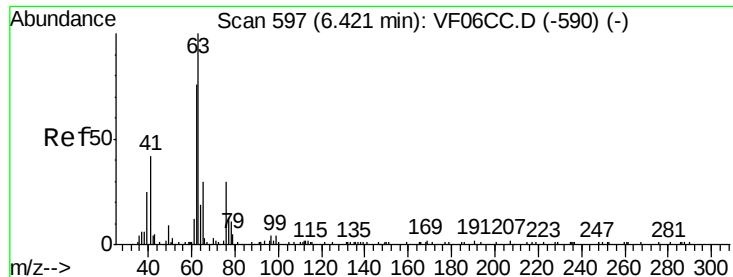


#44

Trichloroethene
 Concen: 21.451 ug/l
 RT: 5.70 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: VF062861.D
 Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.0	0.0	188.2





#45

1,2-Dichloropropane

Concen: 21.126 ug/l

RT: 6.43 min Scan# 598

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBS01

Tot Ion: 63 Resp: 191340

Ion Ratio Lower Upper

63 100

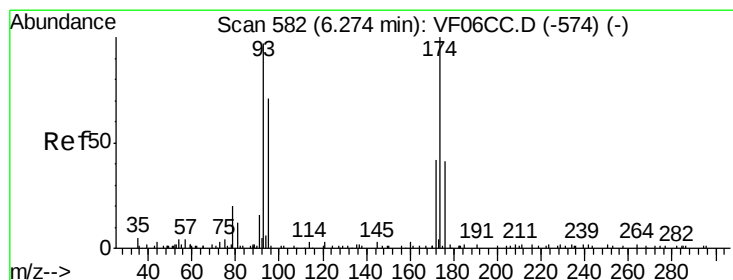
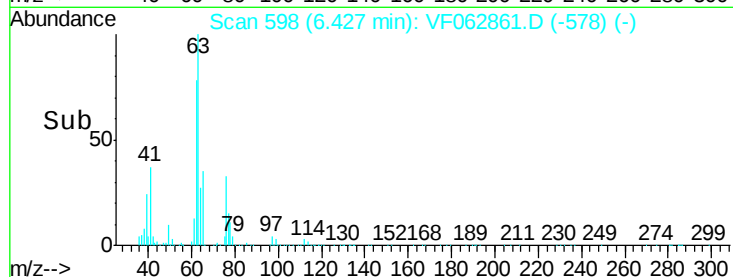
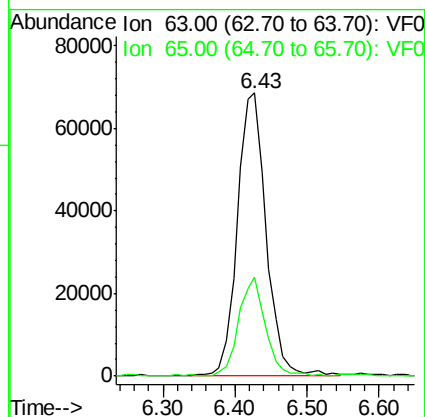
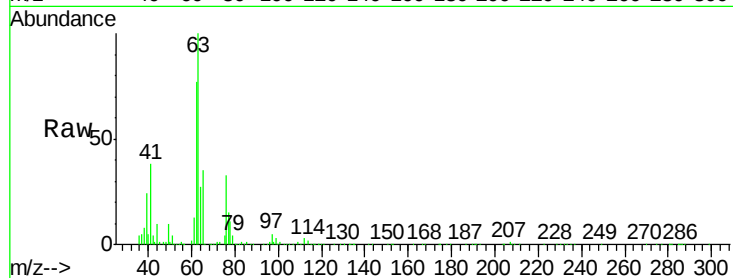
65 34.9 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 20.969 ug/l

RT: 6.27 min Scan# 582

Delta R.T. -0.02 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

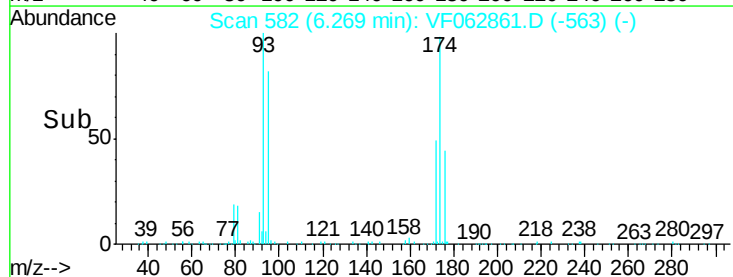
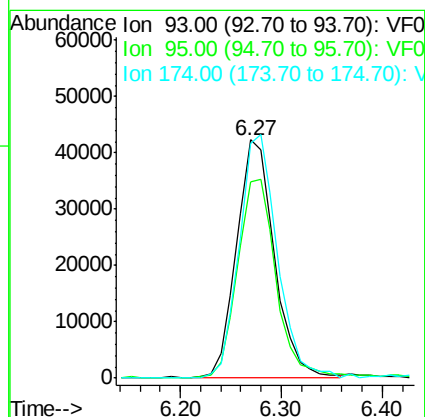
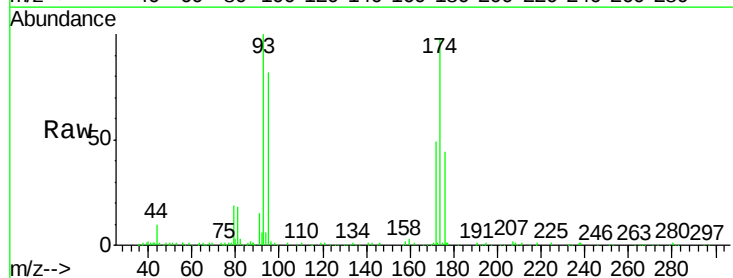
Tgt Ion: 93 Resp: 110883

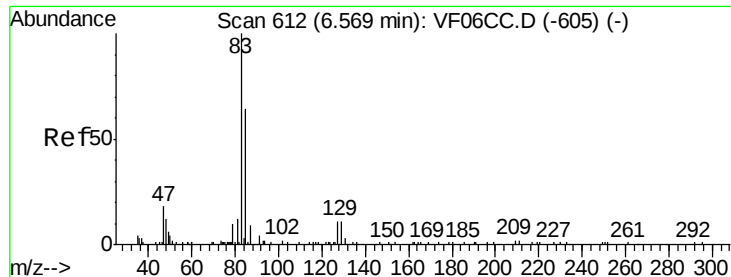
Ion Ratio Lower Upper

93 100

95 82.2 67.9 101.9

174 98.5 85.0 127.4





#47

Bromodichloromethane

Concen: 21.469 ug/l

RT: 6.57 min Scan# 612

Delta R.T. -0.02 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

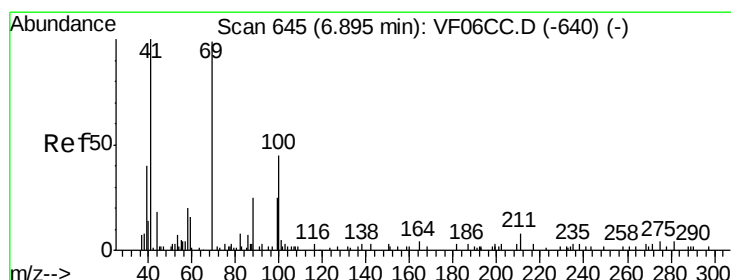
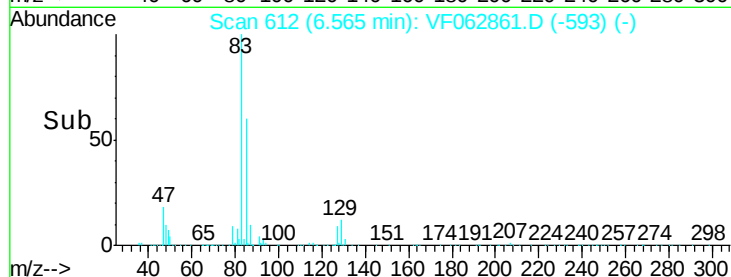
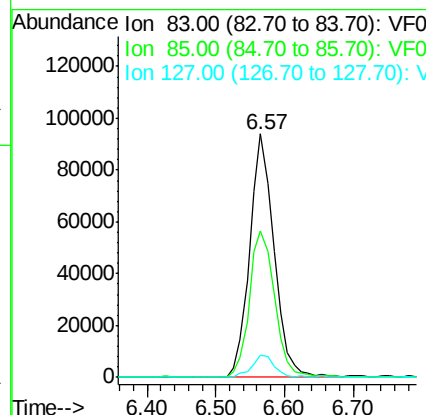
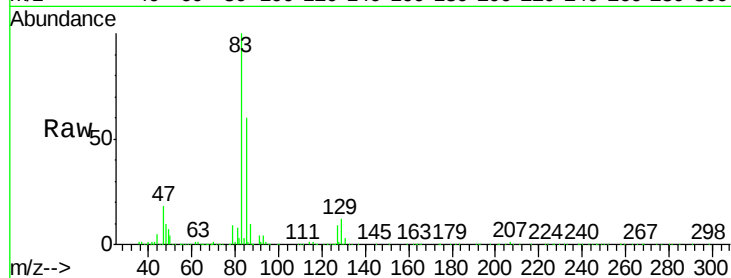
ClientSampleId :

VF0605SBS01

Tot Ion:	83	Resp:	231201
Ion Ratio	Lower	Upper	
83	100		
85	60.0	54.2	81.4
127	9.0	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.179 ug/l

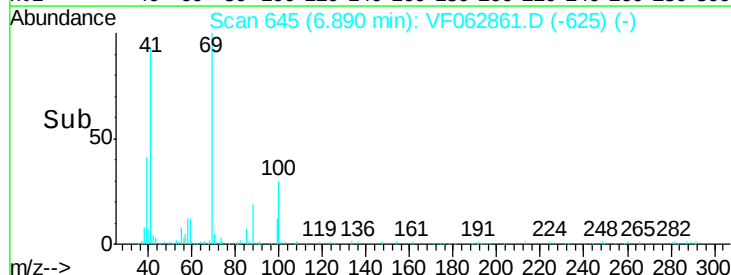
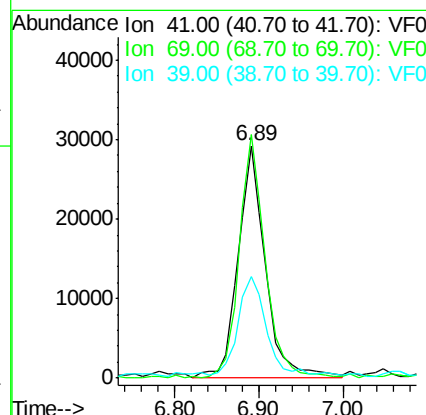
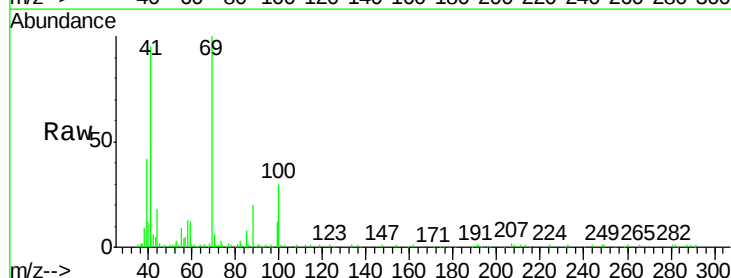
RT: 6.89 min Scan# 645

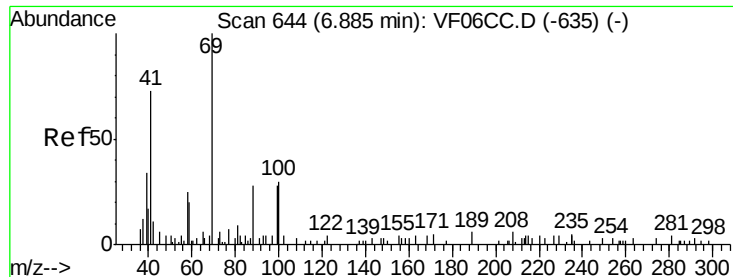
Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tgt Ion:	41	Resp:	65126
Ion Ratio	Lower	Upper	
41	100		
69	104.8	79.4	119.2
39	43.7	39.8	59.6





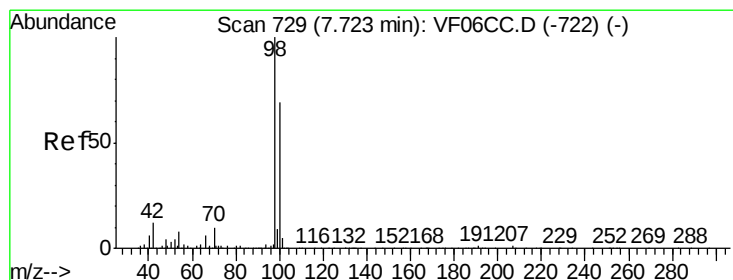
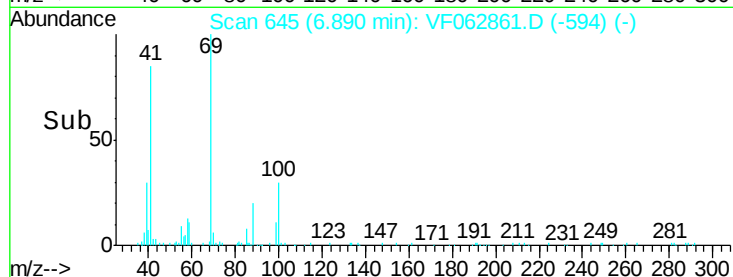
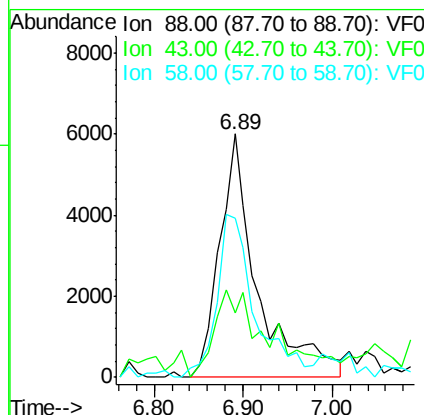
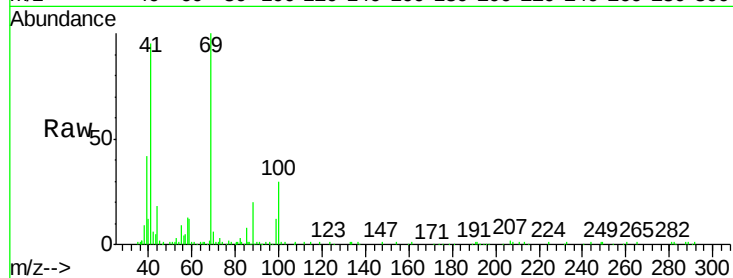
#49
1,4-Dioxane
Concen: 420.028 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.00 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	88	Resp	17868
Ion	Ratio	Lower	Upper
88	100		
43	26.7	34.8	52.2#
58	65.4	59.9	89.9

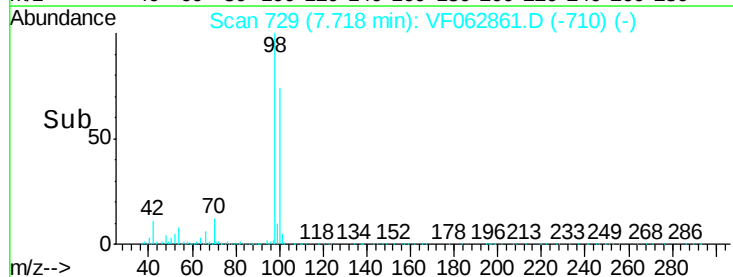
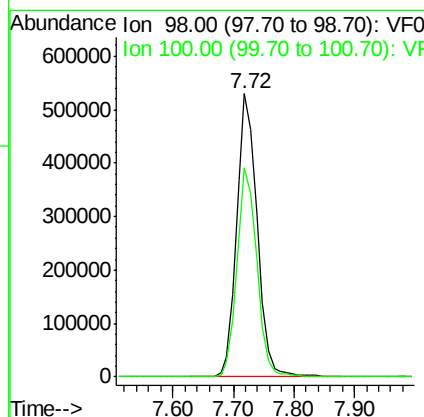
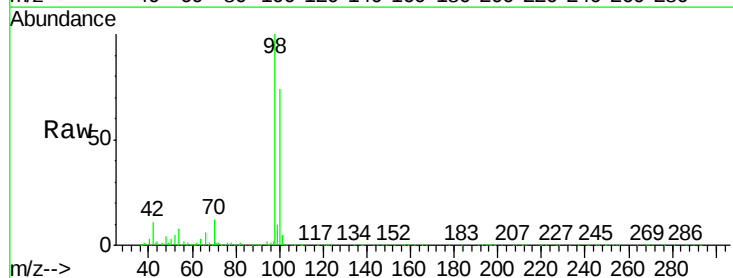
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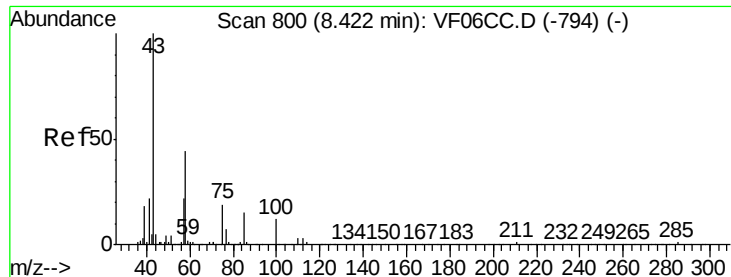
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#50
Toluene-d8
Concen: 48.479 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.02 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion	98	Resp	1247885
Ion	Ratio	Lower	Upper
98	100		
100	73.9	59.8	89.8





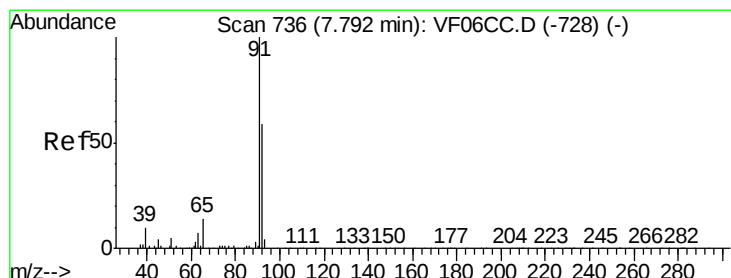
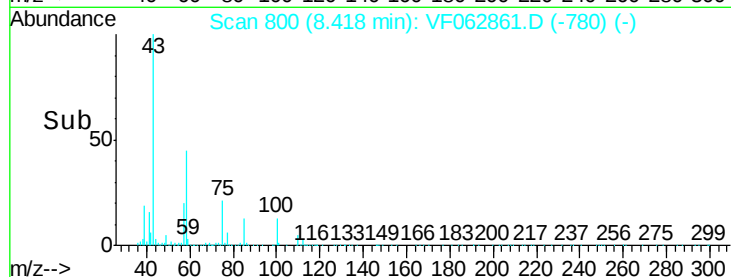
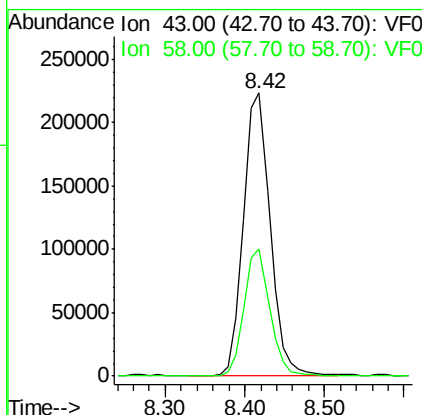
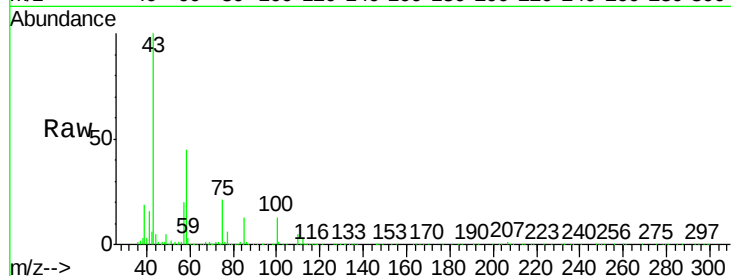
#51
4-Methyl-2-Pentanone
Concen: 115.373 ug/l
RT: 8.42 min Scan# 800
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.8	35.5	53.3

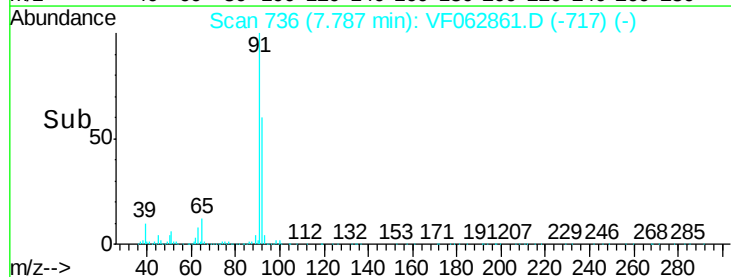
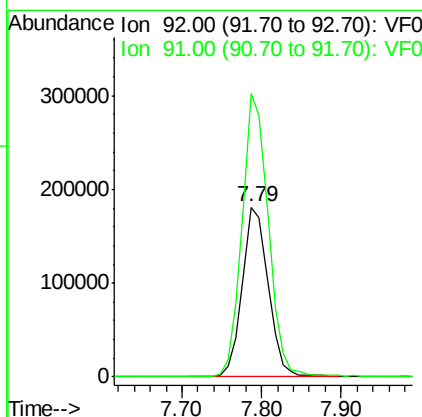
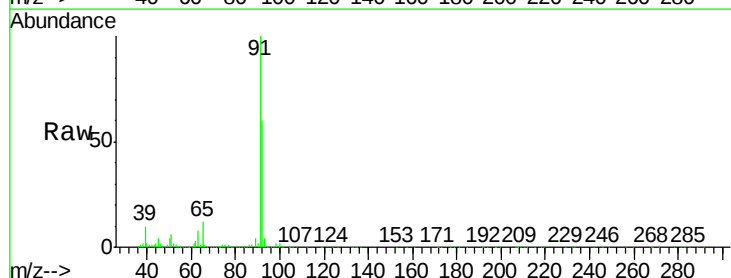
Manual Integrations
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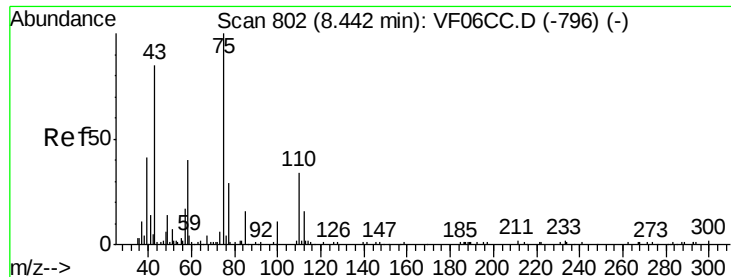
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#52
Toluene
Concen: 20.959 ug/l
RT: 7.79 min Scan# 736
Delta R.T. -0.02 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.0	123.2	184.8





#53

t-1,3-Dichloropropene

Concen: 22.367 ug/l

RT: 8.44 min Scan# 802

Delta R.T. -0.01 min

Lab File: VF062861.D

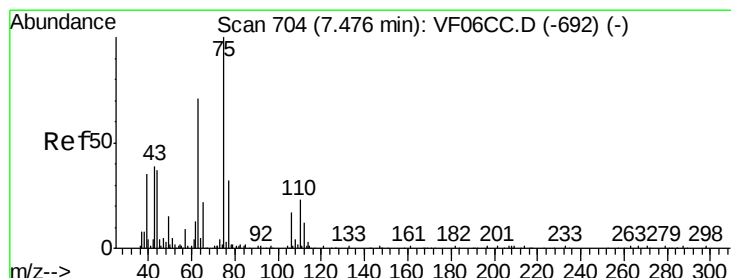
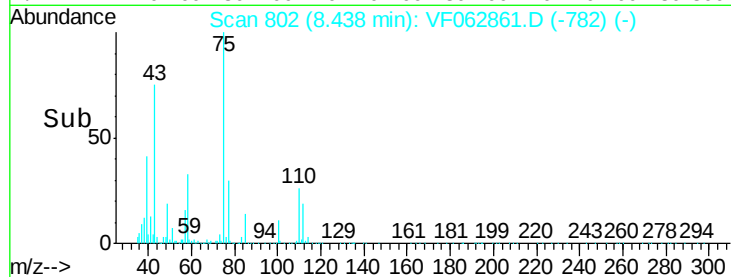
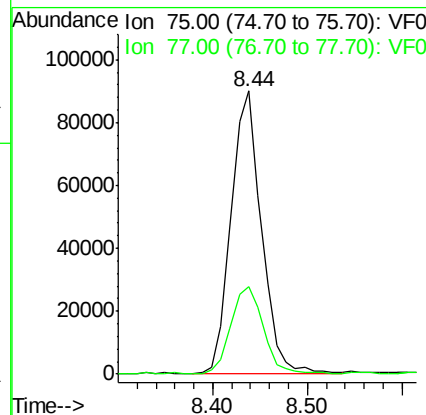
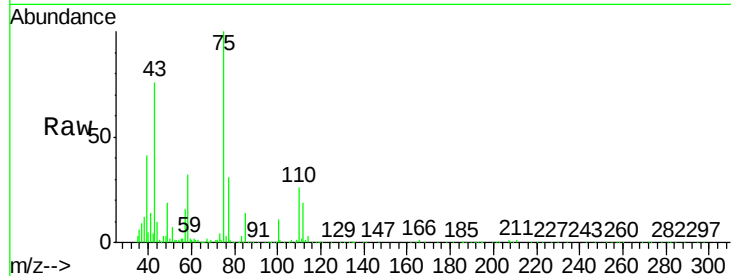
Acq: 5 Jun 2019 13:20

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.7	38.5

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

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#54

cis-1,3-Dichloropropene

Concen: 21.298 ug/l

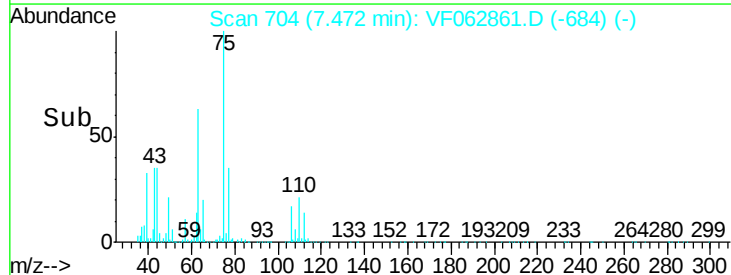
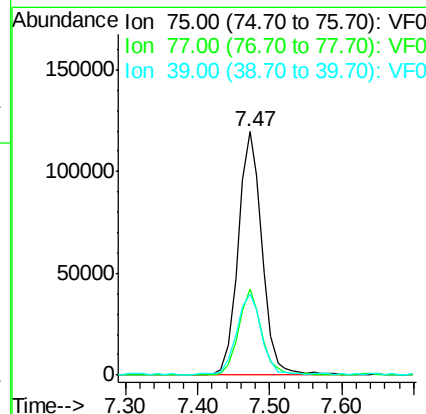
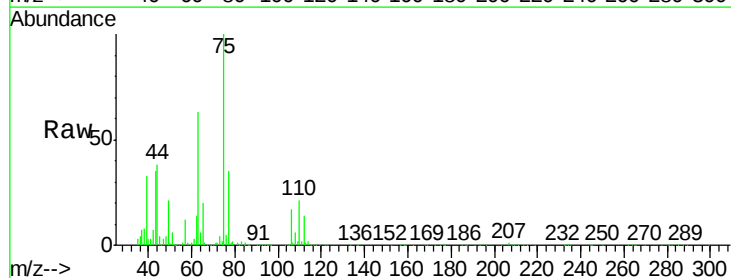
RT: 7.47 min Scan# 704

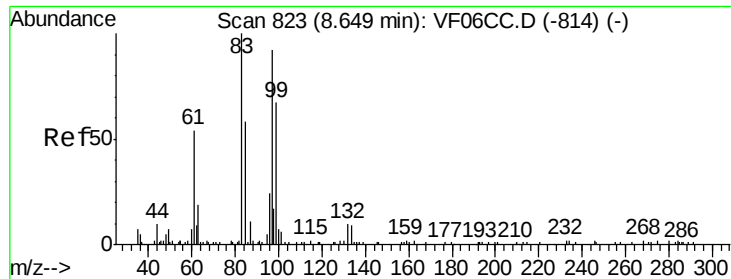
Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.8	38.8
39	33.4	28.4	42.6





#55

1,1,2-Trichloroethane

Concen: 21.738 ug/l

RT: 8.65 min Scan# 823

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

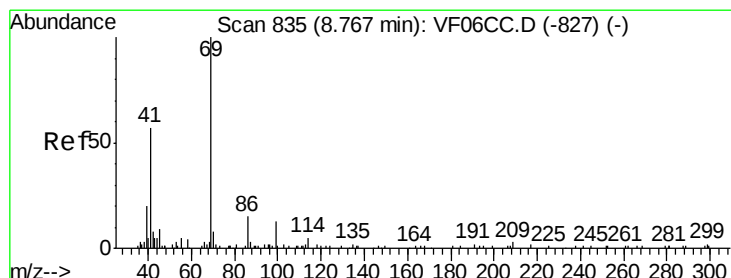
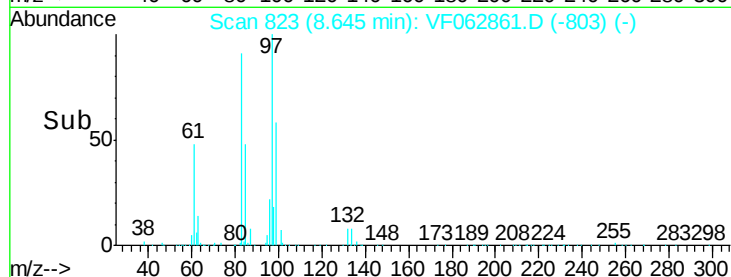
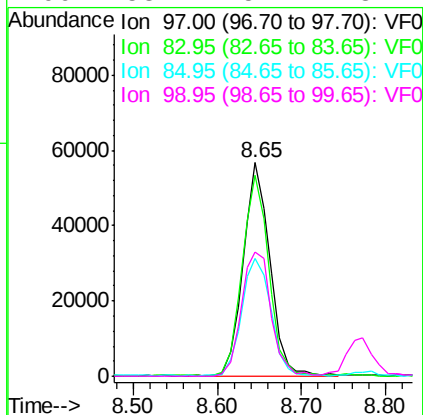
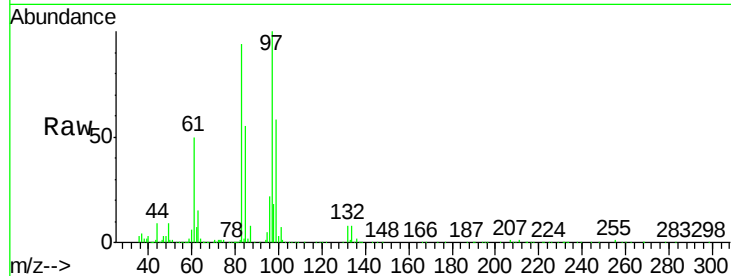
ClientSampleId :

VF0605SBS01

Tot Ion:	97	Resp:	126243
Ion	Ratio	Lower	Upper
97	100		
83	94.1	72.0	108.0
85	55.3	47.5	71.3
99	58.4	54.1	81.1

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#56

Ethyl methacrylate

Concen: 20.545 ug/l

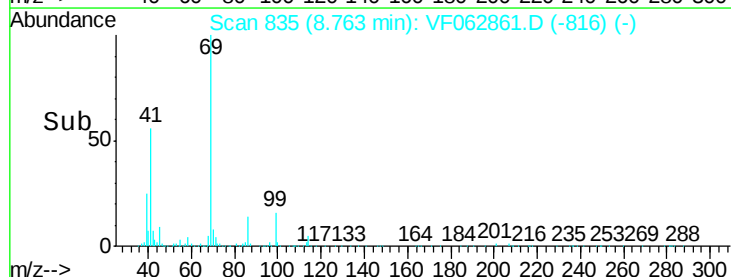
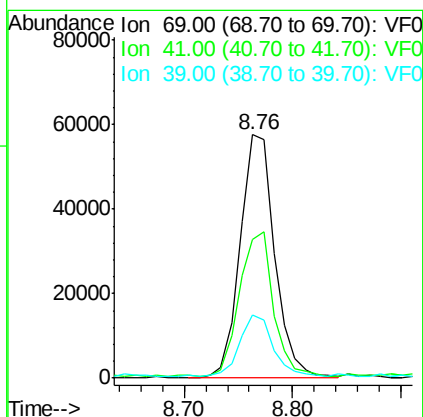
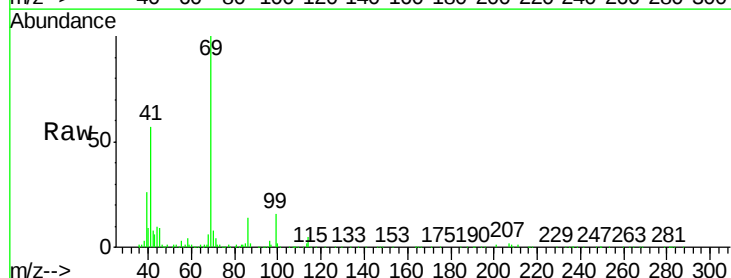
RT: 8.76 min Scan# 835

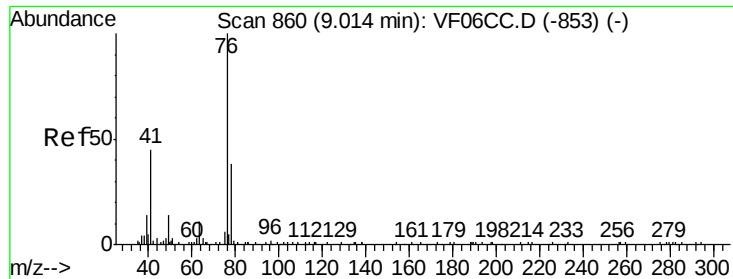
Delta R.T. -0.02 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tgt Ion:	69	Resp:	128024
Ion	Ratio	Lower	Upper
69	100		
41	57.0	46.6	69.8
39	25.9	19.6	29.4





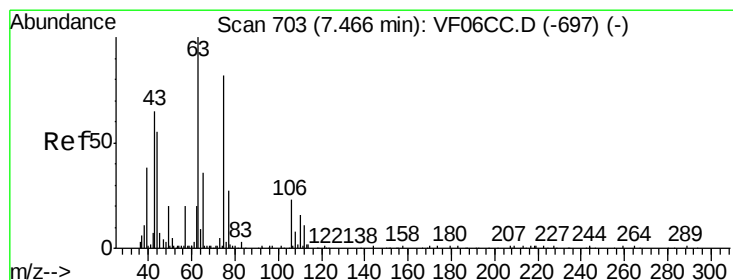
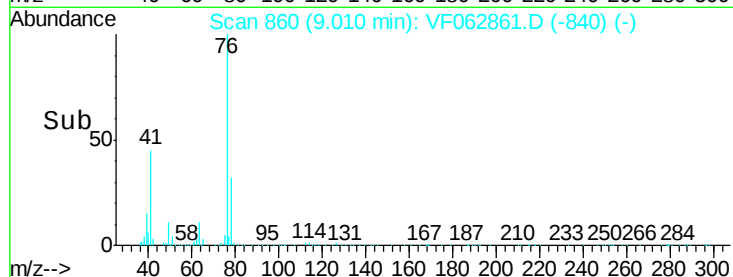
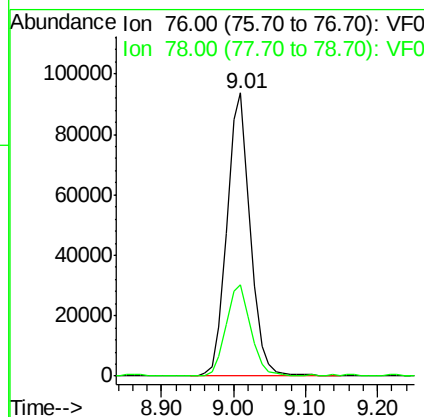
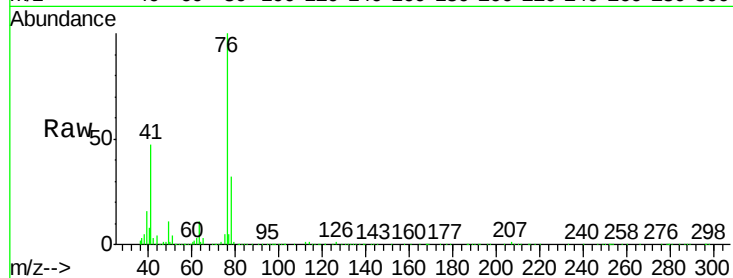
#57
 1,3-Dichloropropane
 Concen: 22.137 ug/l
 RT: 9.01 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: VF062861.D
 Acq: 5 Jun 2019 13:20

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0605SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.8	40.2

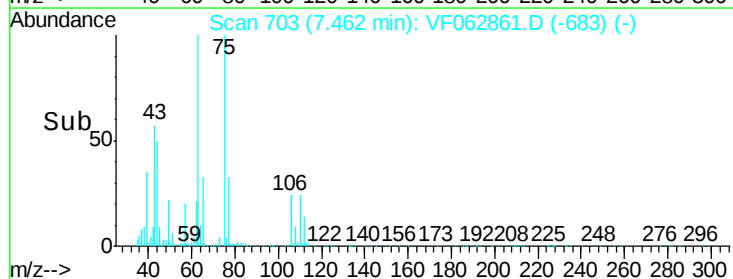
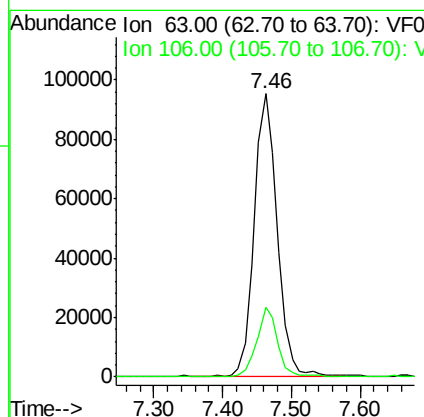
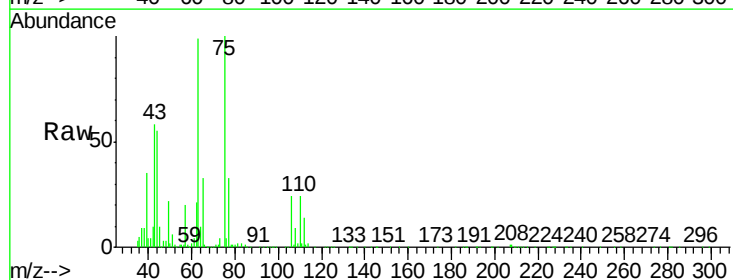
Manual Integrations
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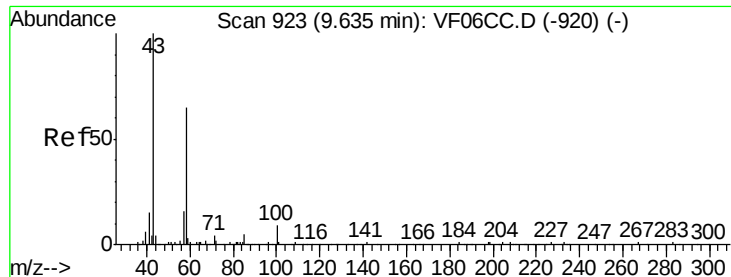
MMDadoda
 6/6/2019 11:51:03 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.266 ug/l
 RT: 7.46 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VF062861.D
 Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.4	19.5	29.3





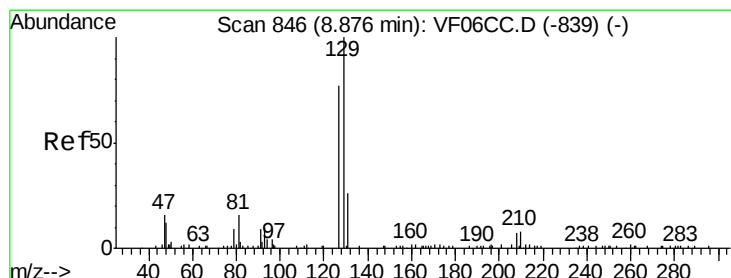
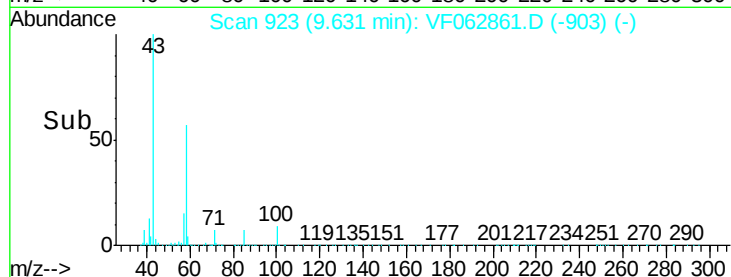
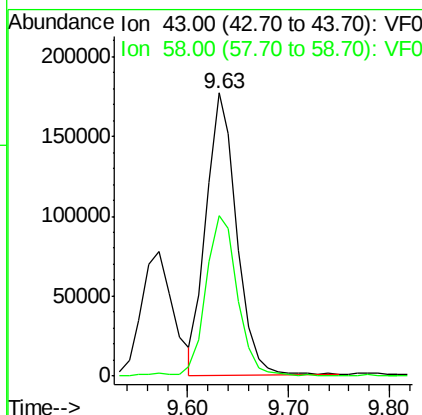
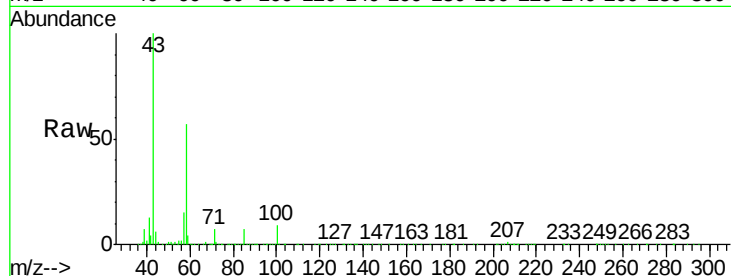
#59
2-Hexanone
Concen: 116.648 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion: 43 Resp: 371722
Ion Ratio Lower Upper
43 100
58 56.6 29.3 87.9

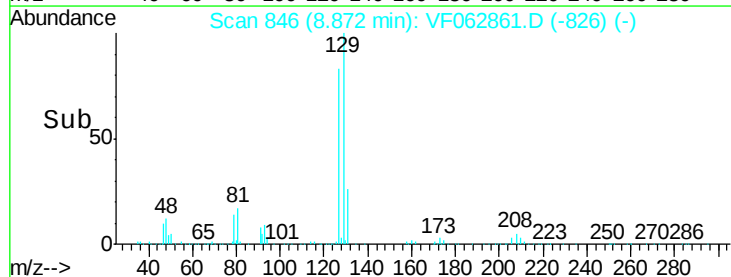
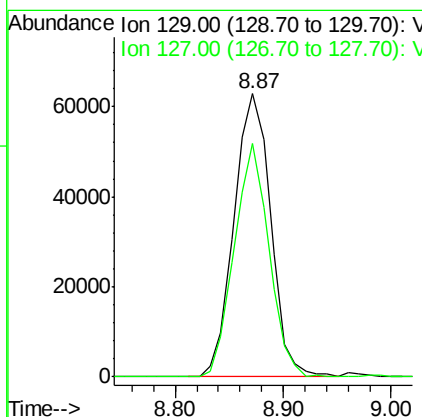
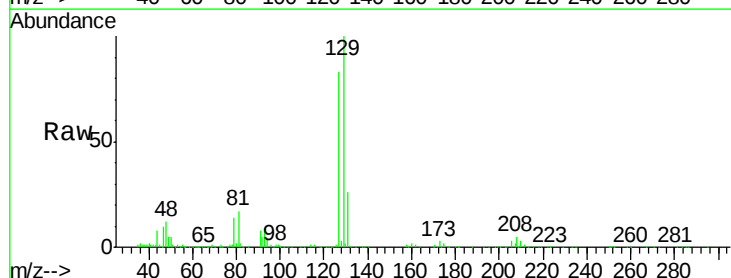
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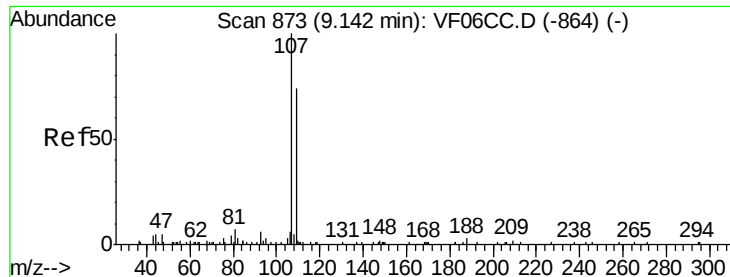
MMDadoda
6/6/2019 11:51:03 AM



#60
Dibromochloromethane
Concen: 20.667 ug/l
RT: 8.87 min Scan# 846
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion: 129 Resp: 148594
Ion Ratio Lower Upper
129 100
127 82.6 37.1 111.3





#61

1,2-Dibromoethane

Concen: 22.398 ug/l

RT: 9.14 min Scan# 873

Delta R.T. -0.02 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBS01

Tot Ion:107 Resp: 135093

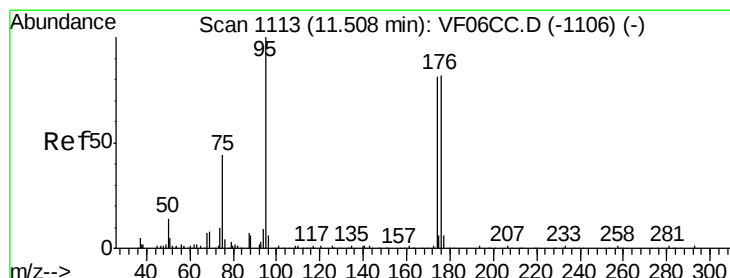
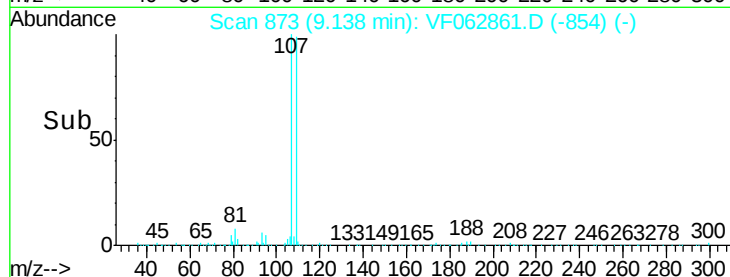
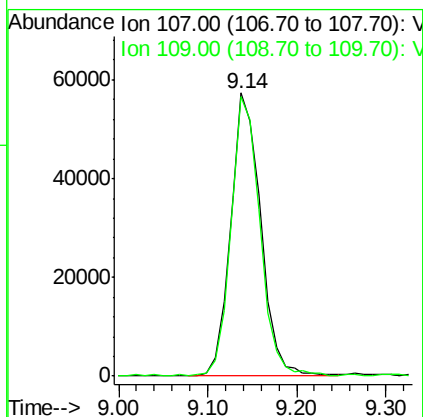
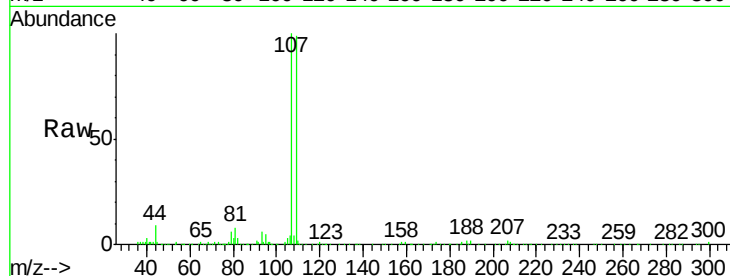
Ion Ratio Lower Upper

107 100

109 98.9 78.1 117.1

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#62

4-Bromofluorobenzene

Concen: 52.061 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

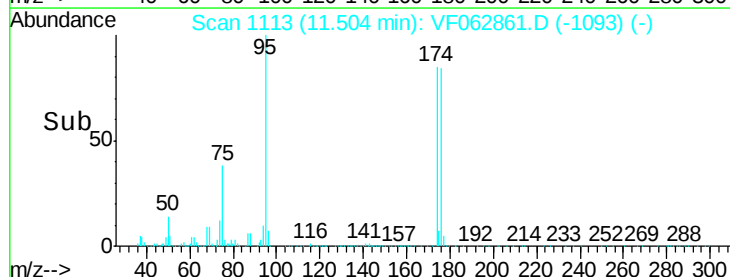
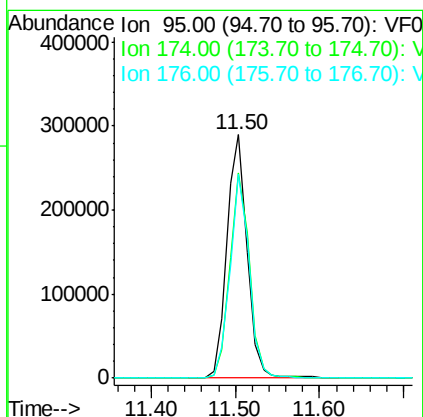
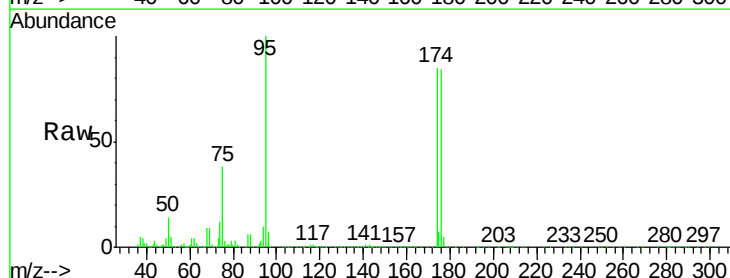
Tgt Ion: 95 Resp: 482047

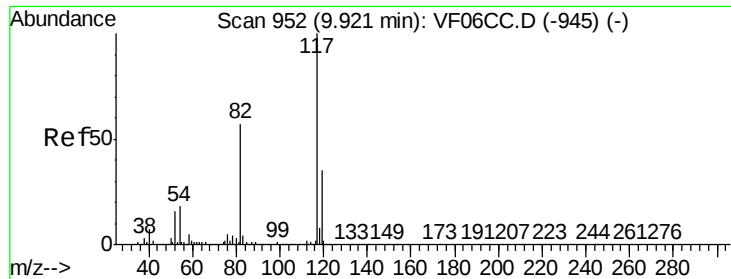
Ion Ratio Lower Upper

95 100

174 84.5 0.0 170.6

176 83.6 0.0 170.6





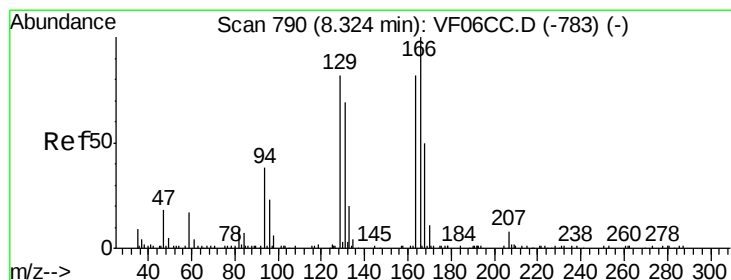
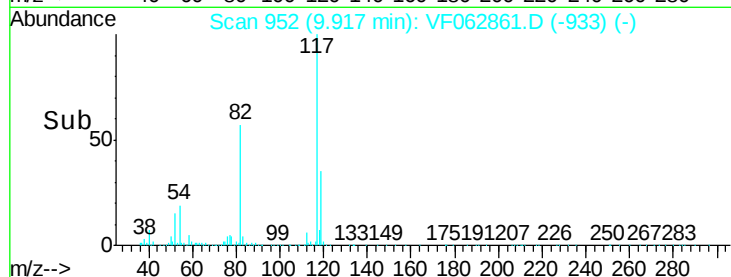
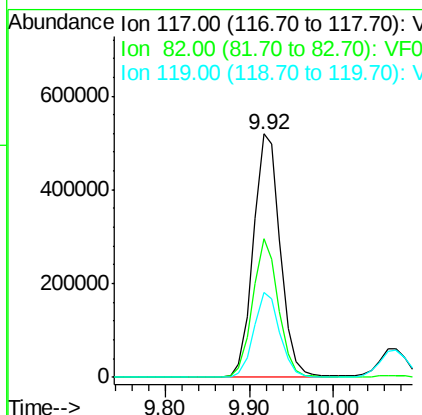
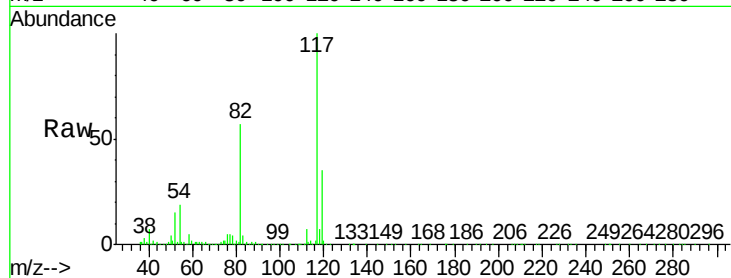
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	42.4	63.6
119	34.8	27.1	40.7

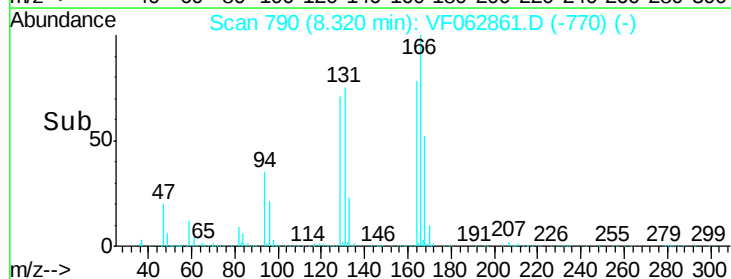
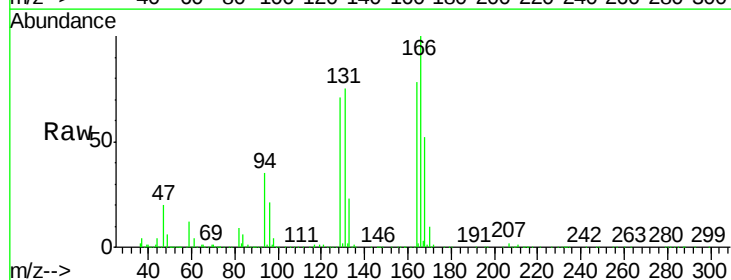
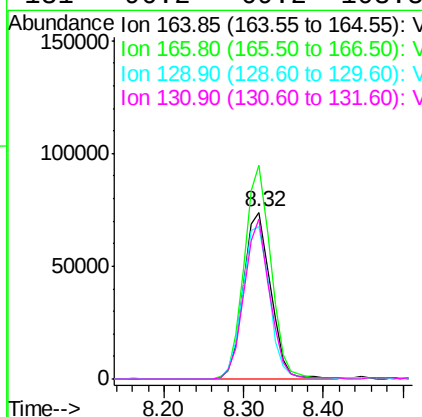
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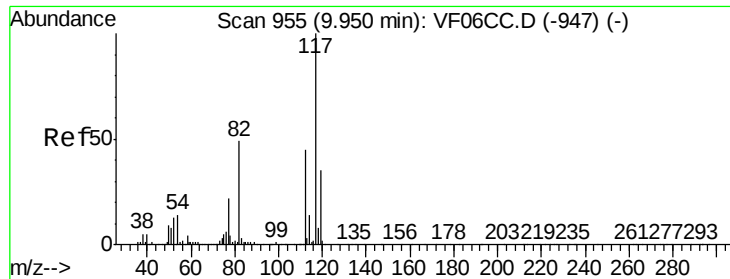
MMDadoda
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#64
Tetrachloroethene
Concen: 19.381 ug/l
RT: 8.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	99.1	148.7
129	91.2	69.5	104.3
131	96.2	69.2	103.8





#65

Chlorobenzene

Concen: 20.173 ug/l

RT: 9.95 min Scan# 955

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBS01

Tot Ion:112 Resp: 455756

Ion Ratio Lower Upper

112 100

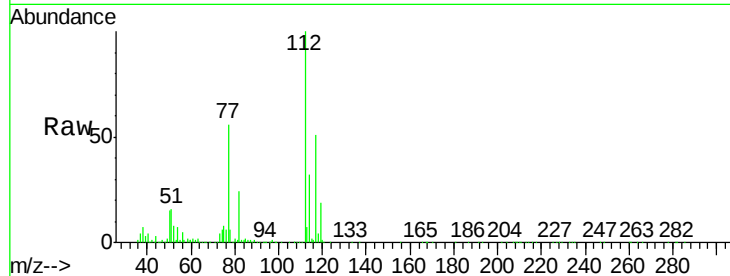
114 32.1 27.4 41.0

Manual Integrations

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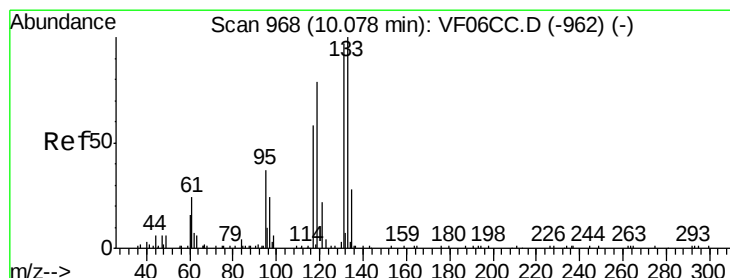
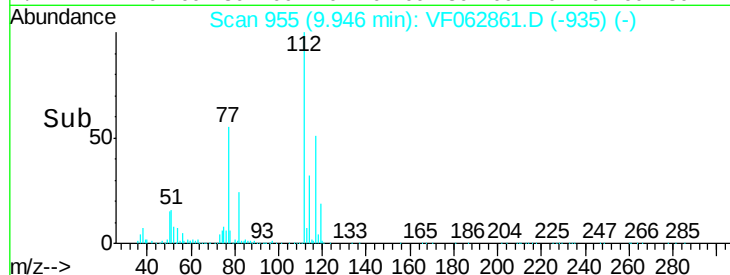
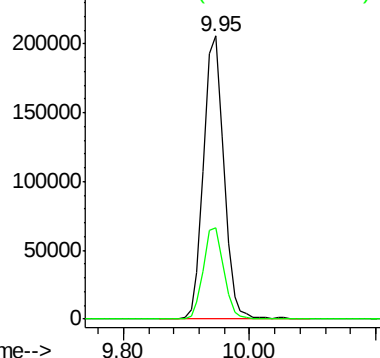
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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.539 ug/l

RT: 10.07 min Scan# 968

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

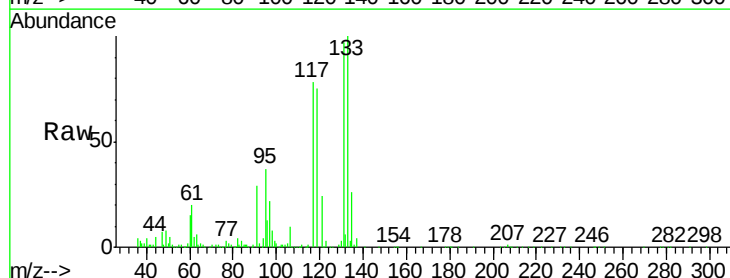
Tgt Ion:131 Resp: 175805

Ion Ratio Lower Upper

131 100

133 103.4 48.9 146.7

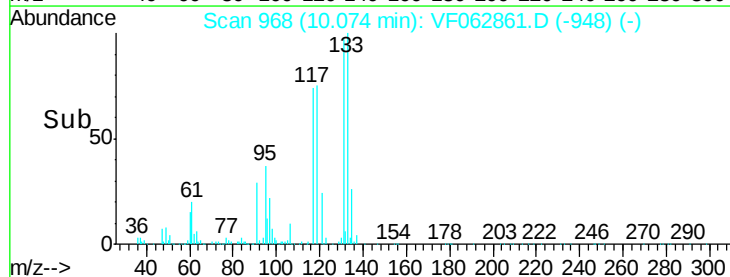
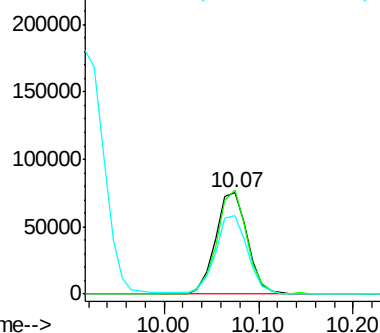
119 77.7 38.0 114.0

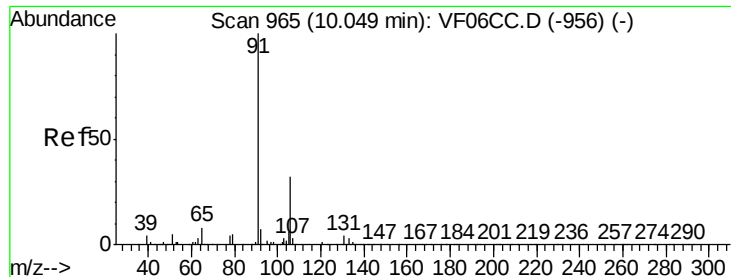


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 19.874 ug/l

RT: 10.04 min Scan# 965

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBS01

Tot Ion: 91 Resp: 770493

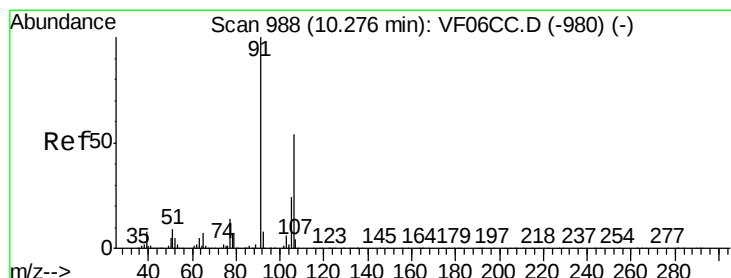
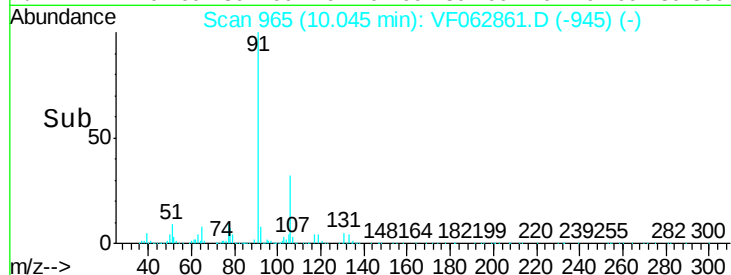
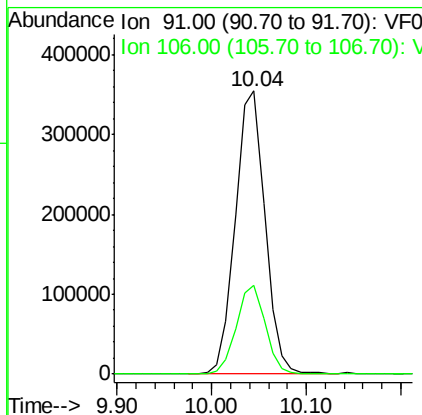
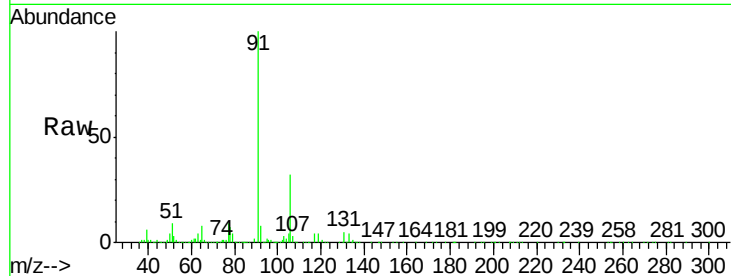
Ion Ratio Lower Upper

91 100

106 31.6 26.0 39.0

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#68

m/p-Xylenes

Concen: 39.333 ug/l

RT: 10.27 min Scan# 988

Delta R.T. -0.01 min

Lab File: VF062861.D

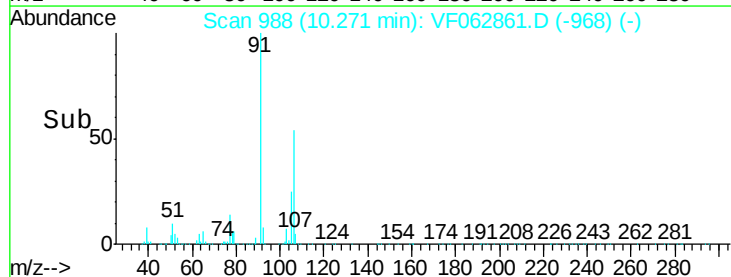
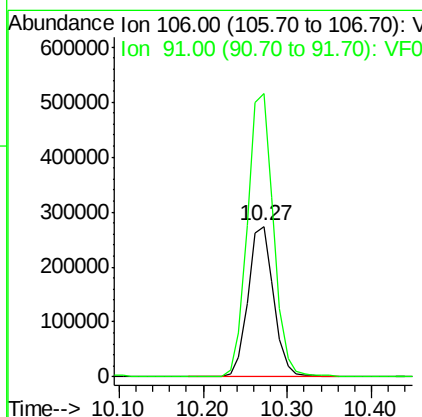
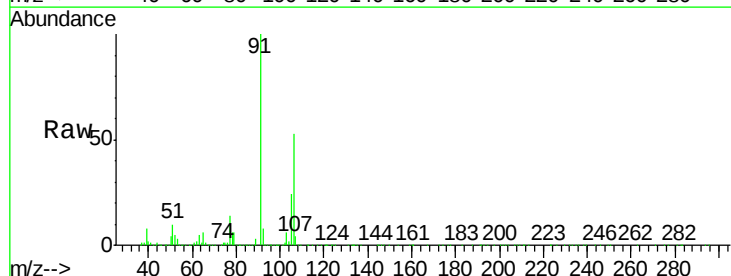
Acq: 5 Jun 2019 13:20

Tgt Ion: 106 Resp: 583536

Ion Ratio Lower Upper

106 100

91 187.8 136.2 204.4





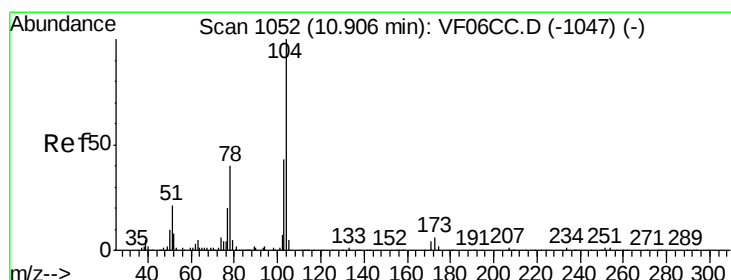
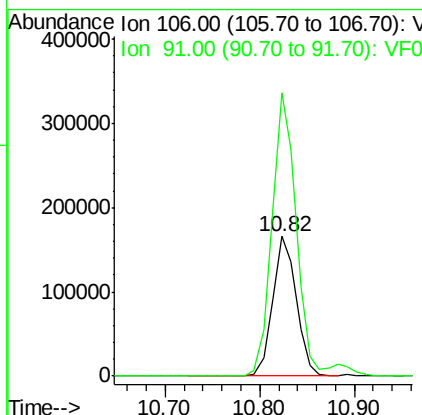
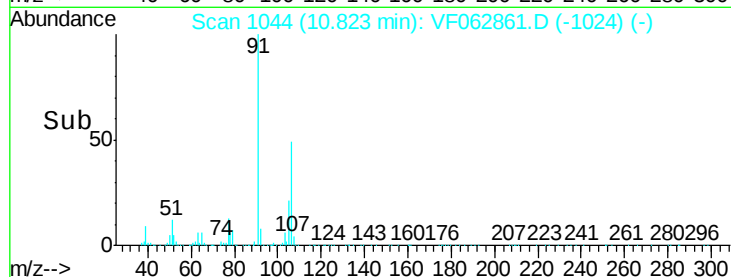
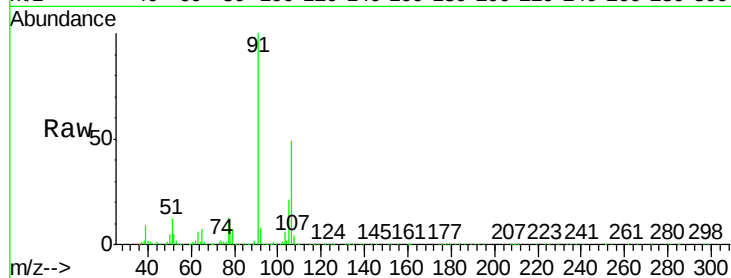
#69
o-Xylene
Concen: 19.350 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	290655		
91	202.9	96.6	289.8	

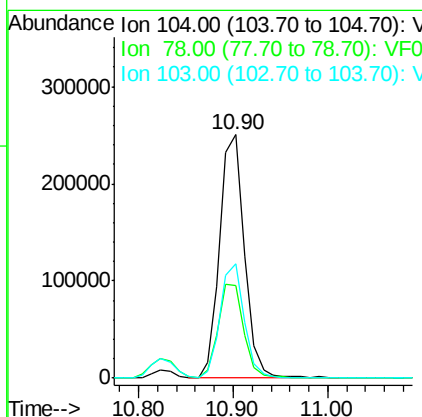
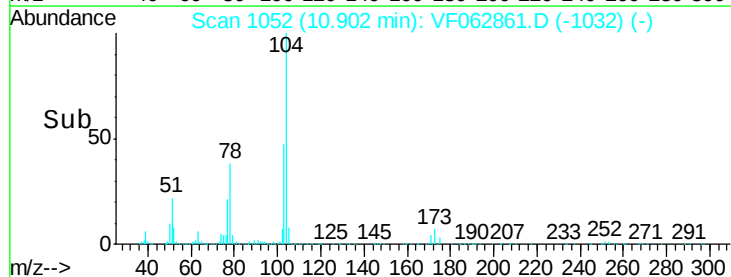
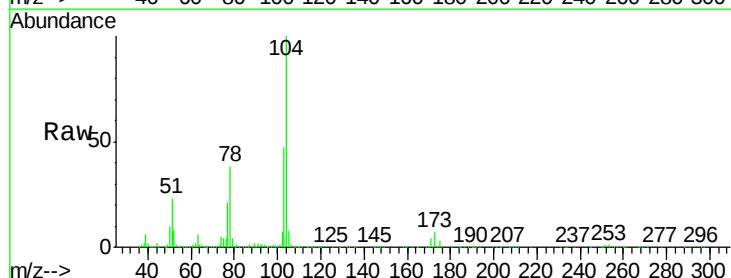
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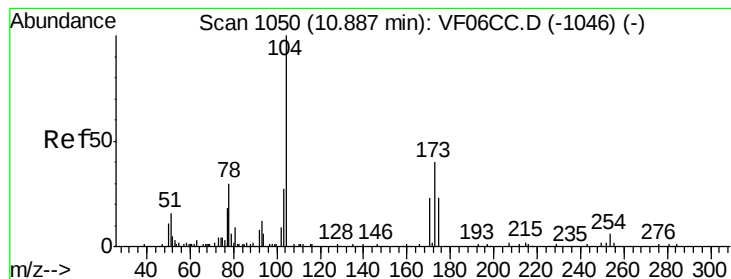
MMDadoda
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#70
Styrene
Concen: 20.478 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	453382		
78	37.9	30.8	46.2	
103	47.2	35.8	53.6	





#71

Bromoform

Concen: 19.096 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.02 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

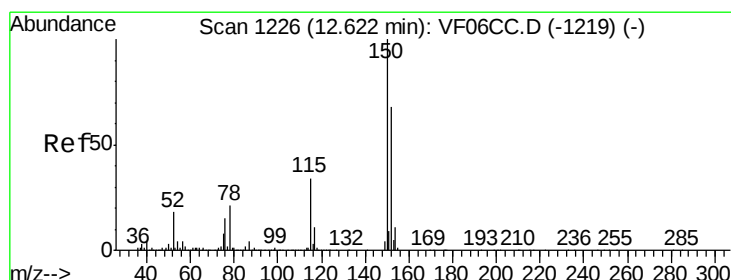
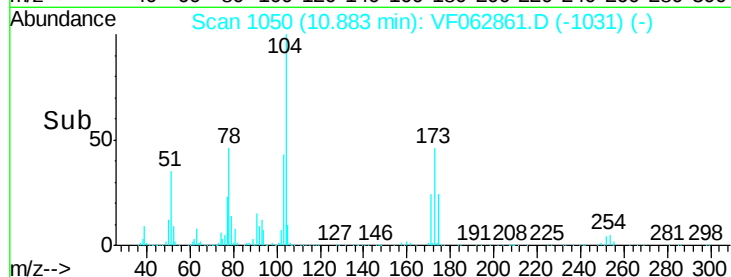
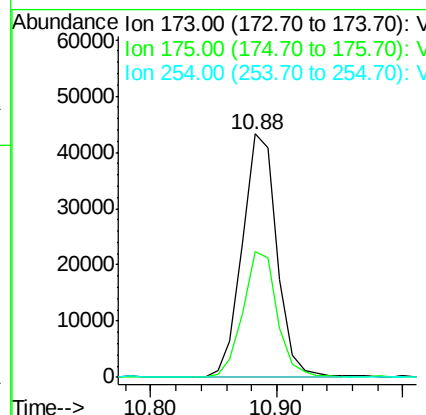
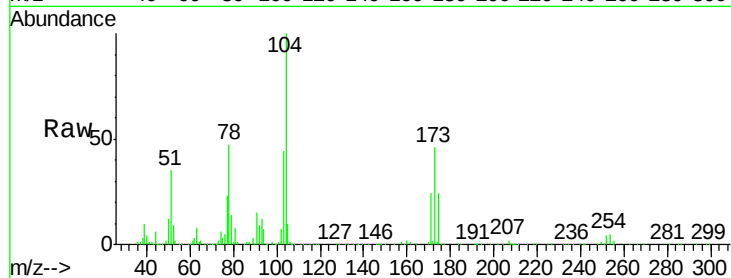
ClientSampleId :

VF0605SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	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

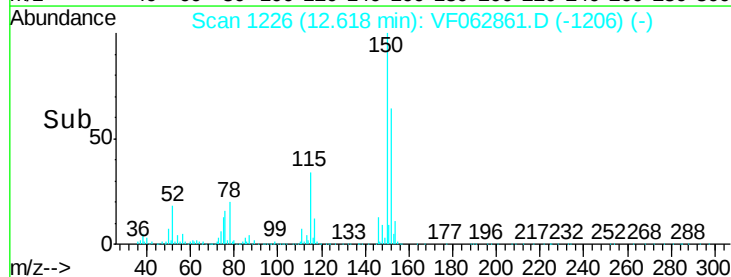
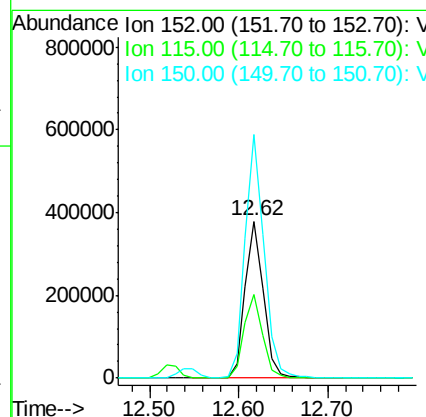
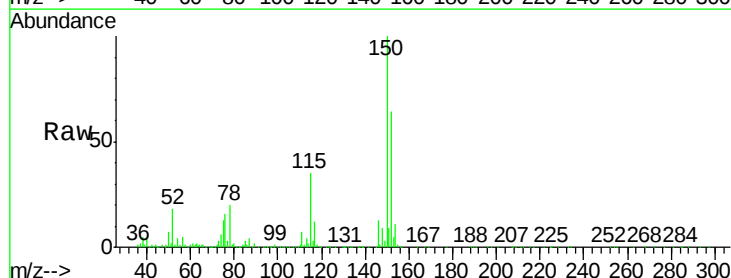
RT: 12.62 min Scan# 1226

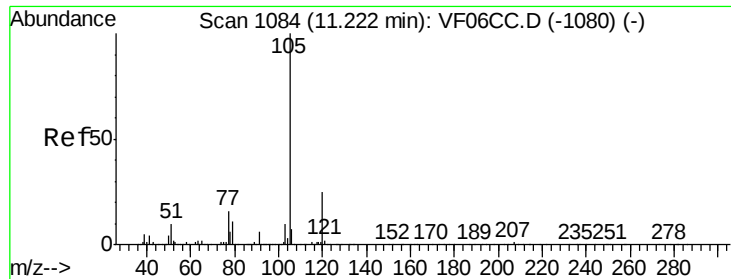
Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	24.6	74.0
150	155.1	0.0	290.6





#73

Isopropylbenzene

Concen: 21.428 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBS01

Tot Ion:105 Resp: 817507

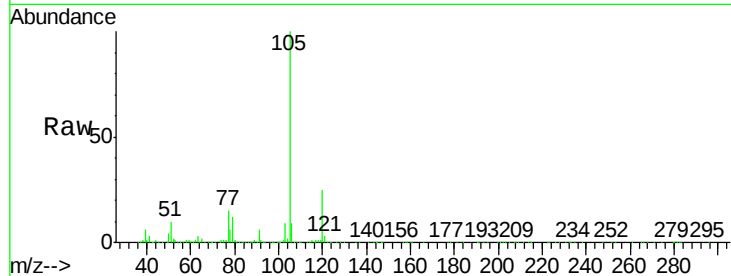
Ion Ratio Lower Upper

105 100

120 25.1 15.1 45.3

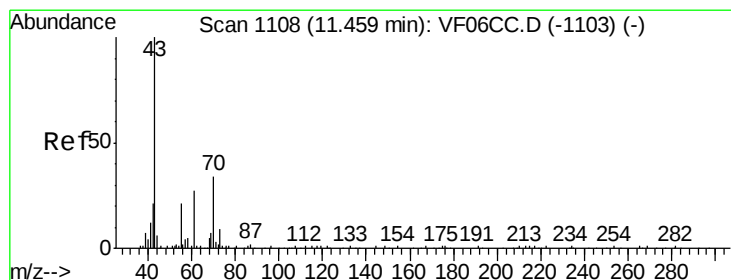
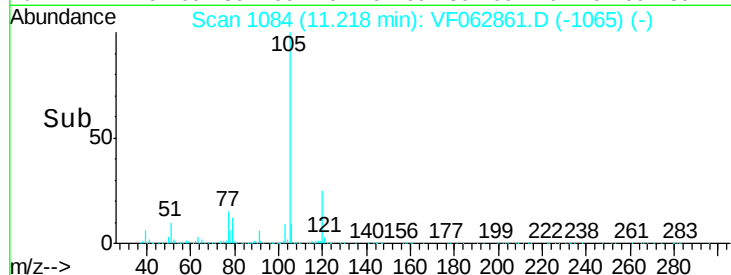
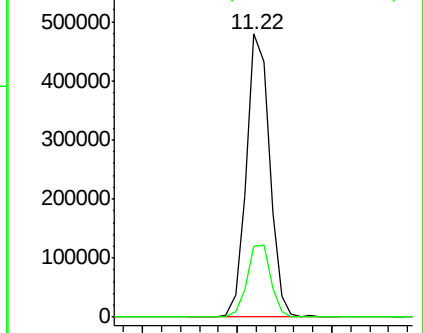
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.502 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tgt Ion: 43 Resp: 220454

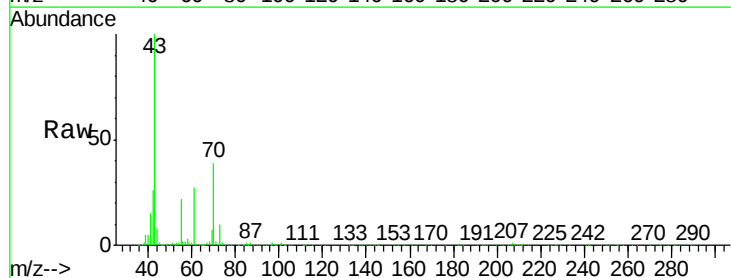
Ion Ratio Lower Upper

43 100

70 39.2 32.9 49.3

55 22.1 17.3 25.9

61 27.4 23.7 35.5

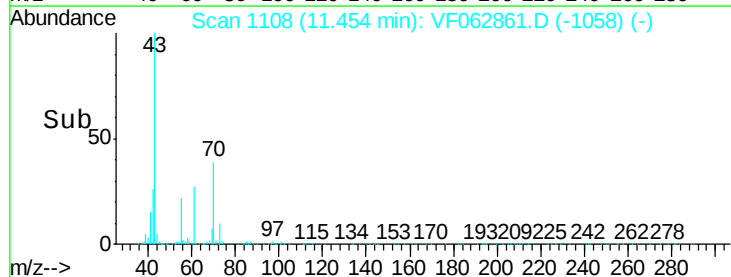
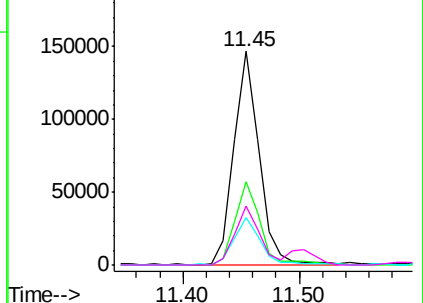


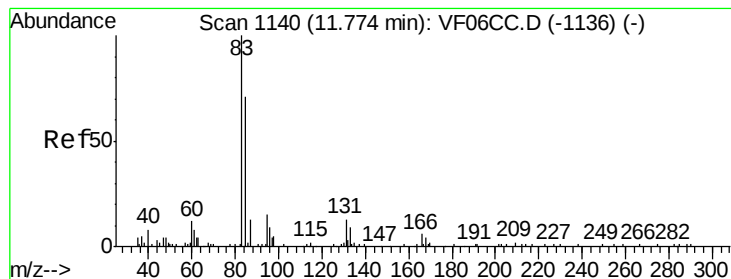
Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 21.403 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. -0.02 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

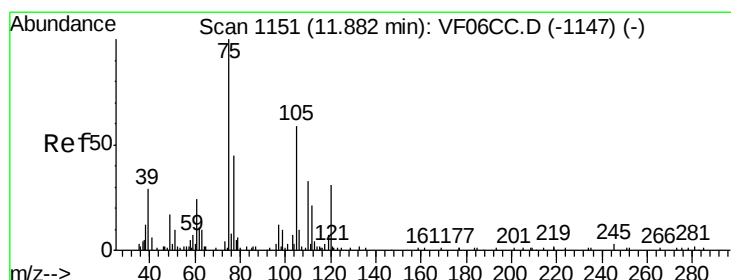
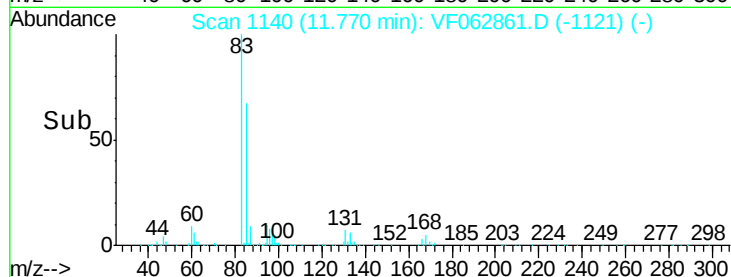
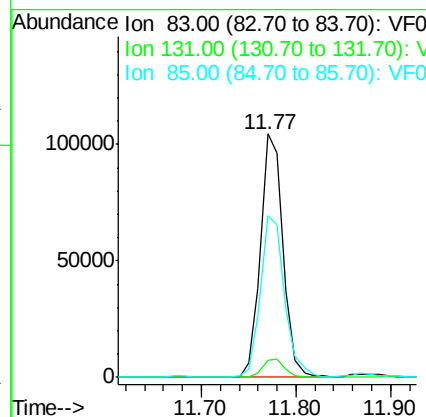
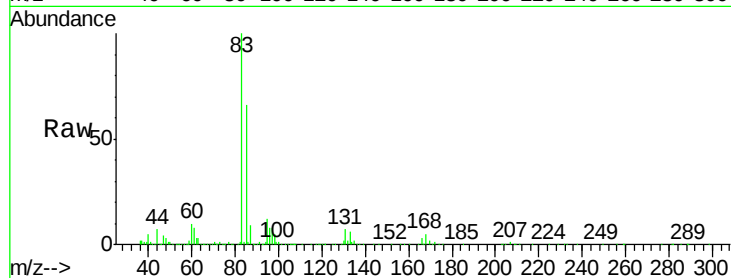
ClientSampleId :

VF0605SBS01

Tot Ion:	83	Resp:	174381
Ion Ratio	Lower	Upper	
83	100		
131	7.2	4.9	14.7
85	66.5	32.1	96.5

Manual Integrations
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6/6/2019 11:51:03 AM



#76

1,2,3-Trichloropropane

Concen: 20.780 ug/l

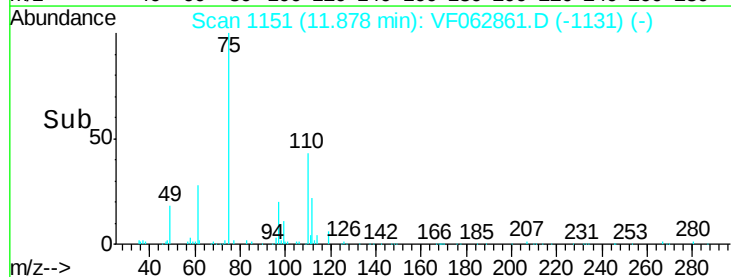
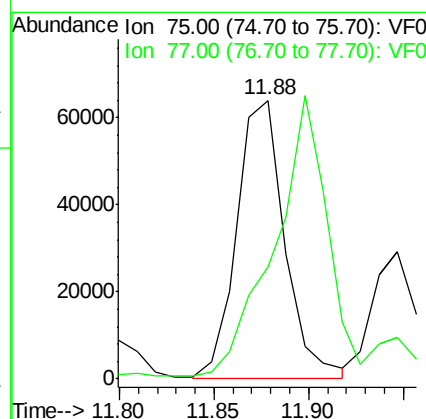
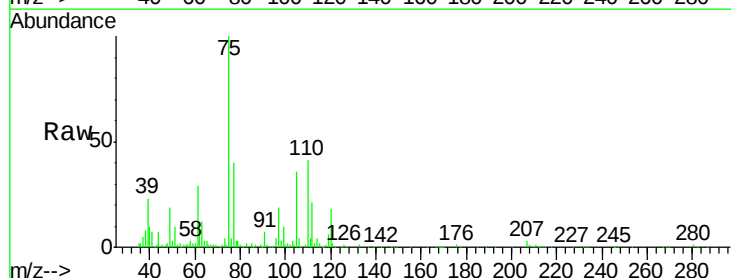
RT: 11.88 min Scan# 1151

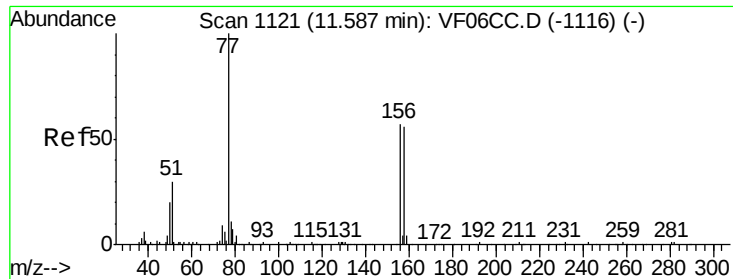
Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tgt Ion:	75	Resp:	112226
Ion Ratio	Lower	Upper	
75	100		
77	40.4	20.1	60.2





#77

Bromobenzene

Concen: 20.156 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.02 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

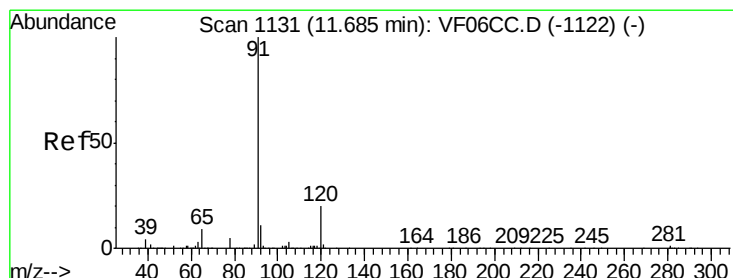
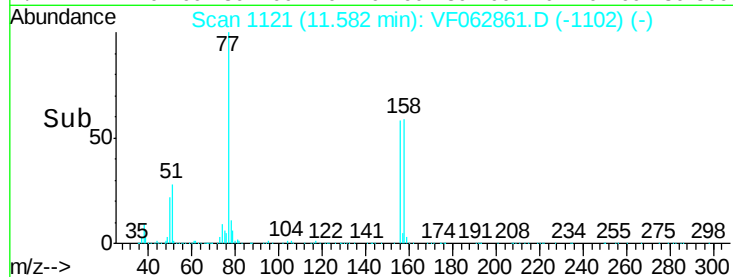
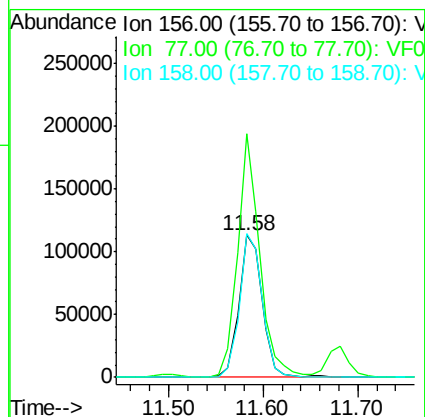
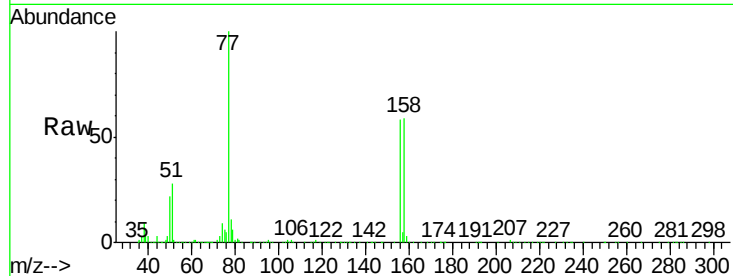
ClientSampleId :

VF0605SBS01

Tot Ion:	156	Resp:	193215
Ion Ratio	Lower	Upper	
156	100		
77	171.5	64.2	192.6
158	100.8	50.3	151.0

Manual Integrations
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#78

n-propylbenzene

Concen: 21.452 ug/l

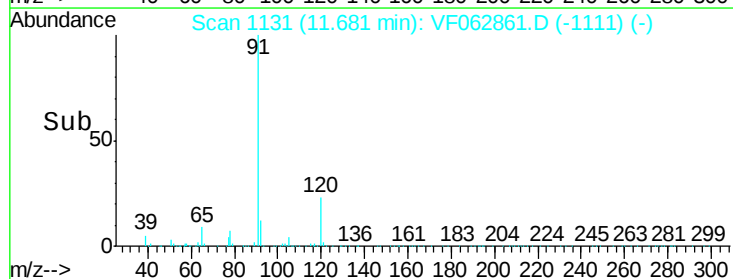
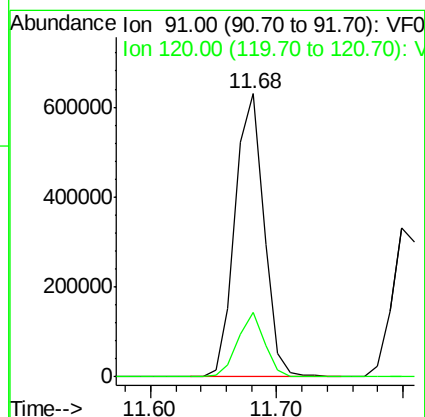
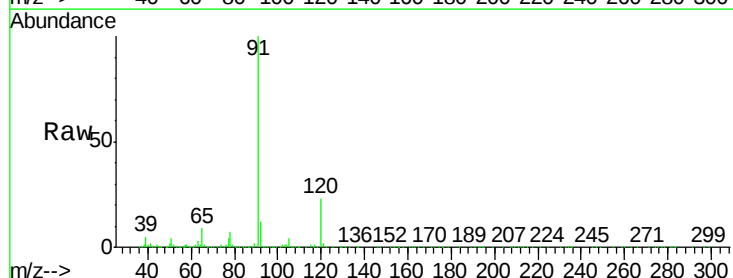
RT: 11.68 min Scan# 1131

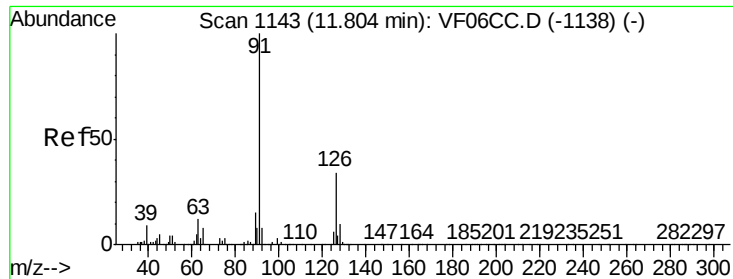
Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tgt Ion:	91	Resp:	988189
Ion Ratio	Lower	Upper	
91	100		
120	22.9	12.8	38.4





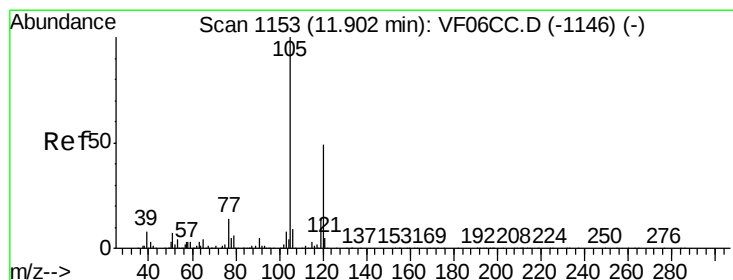
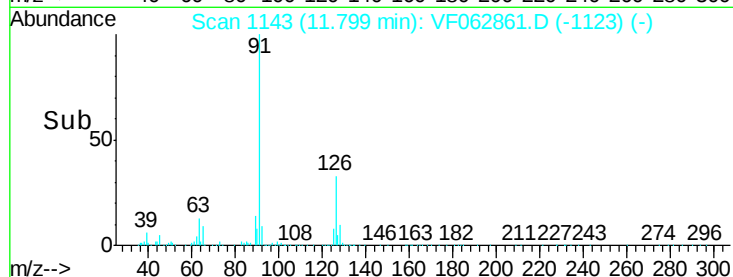
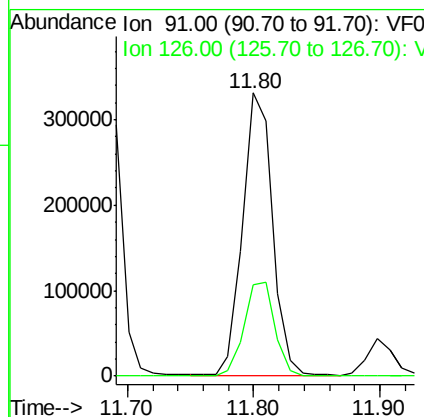
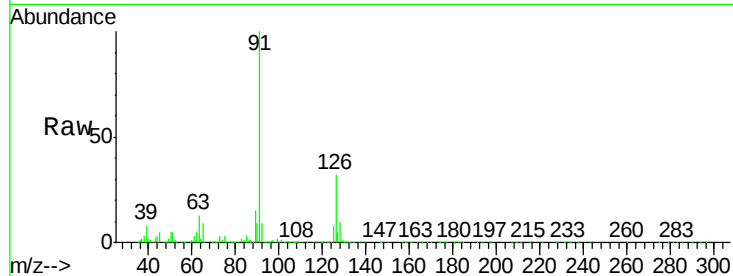
#79
2-Chlorotoluene
Concen: 20.445 ug/l
RT: 11.80 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion: 91 Resp: 538889
Ion Ratio Lower Upper
91 100
126 32.4 17.8 53.3

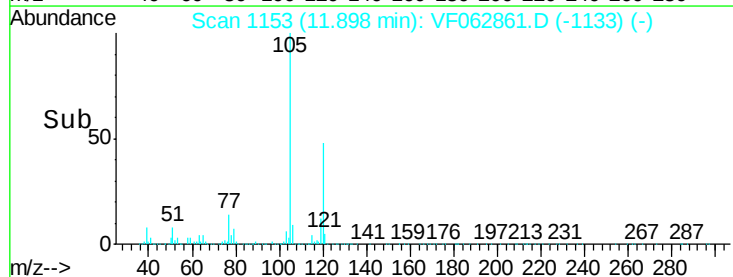
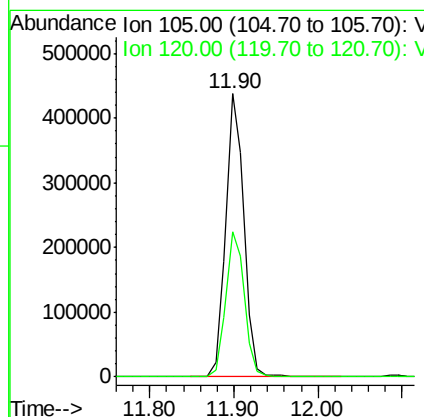
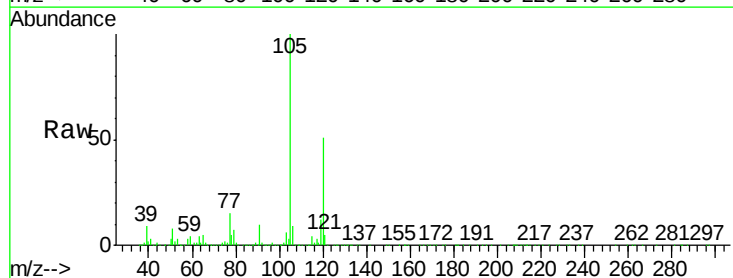
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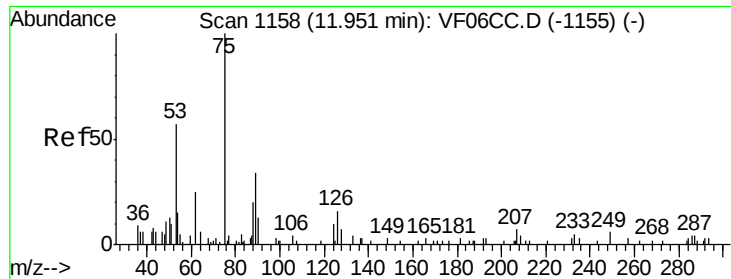
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#80
1,3,5-Trimethylbenzene
Concen: 21.050 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion: 105 Resp: 656778
Ion Ratio Lower Upper
105 100
120 51.2 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 21.249 ug/l m

RT: 11.95 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

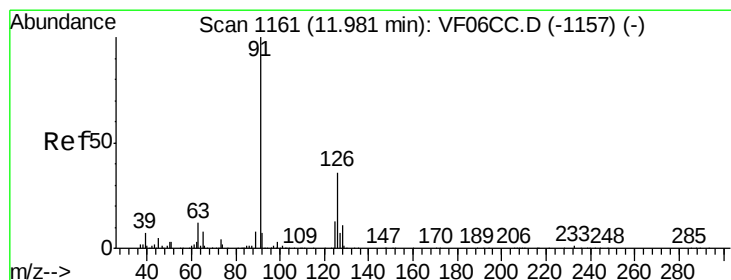
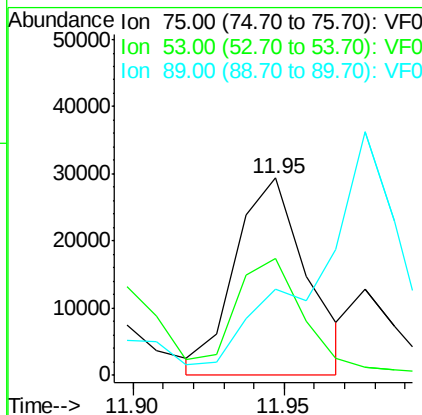
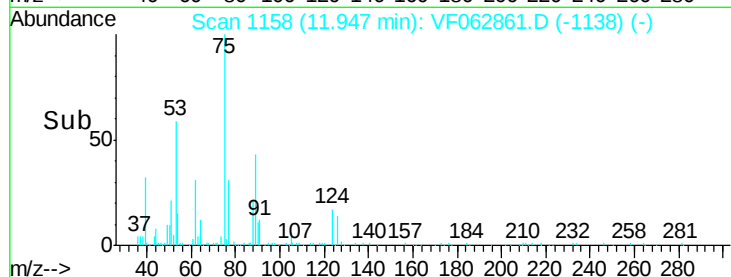
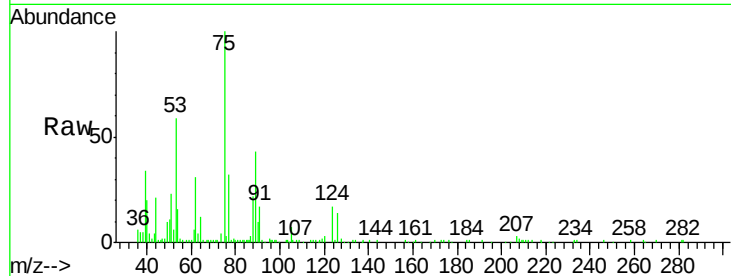
ClientSampleId :

VF0605SBS01

Tot Ion:	75	Resp:	48585
Ion Ratio	Lower	Upper	
75	100		
53	59.2	43.5	65.3
89	43.5	34.3	51.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.708 ug/l

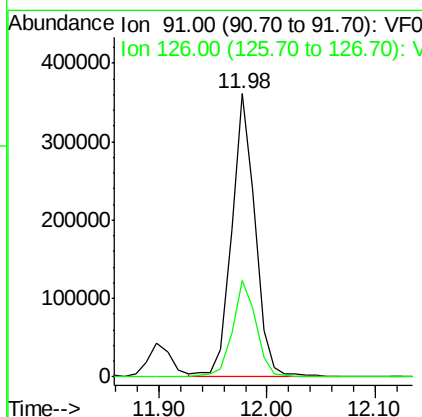
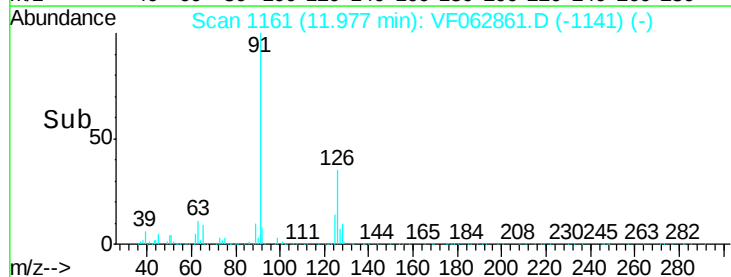
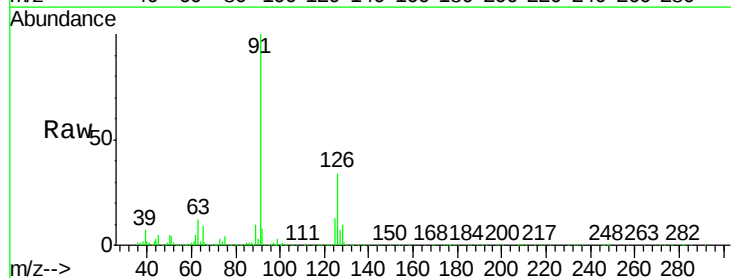
RT: 11.98 min Scan# 1161

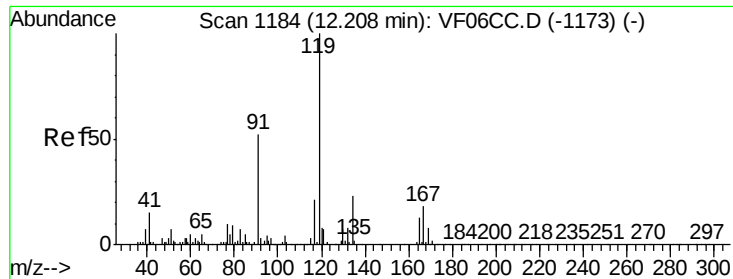
Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tgt Ion:	91	Resp:	536428
Ion Ratio	Lower	Upper	
91	100		
126	34.0	19.1	57.1





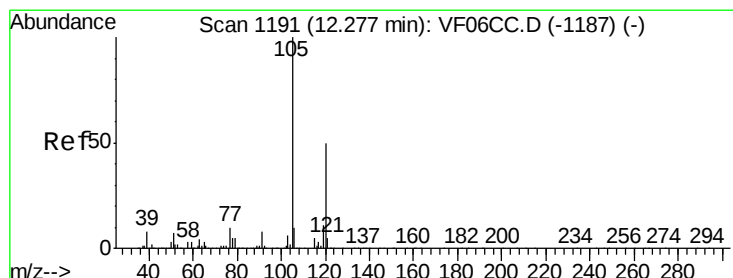
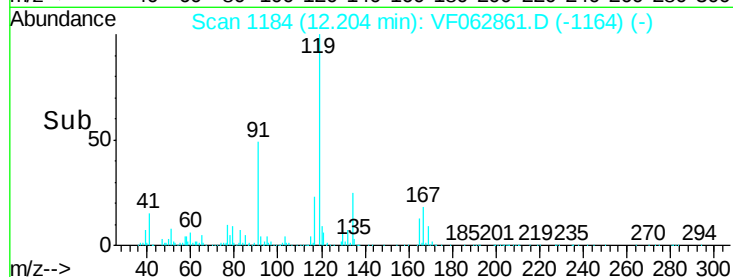
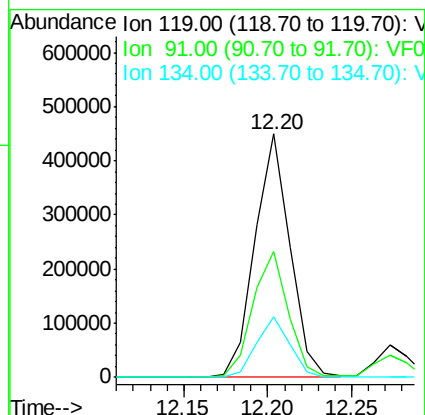
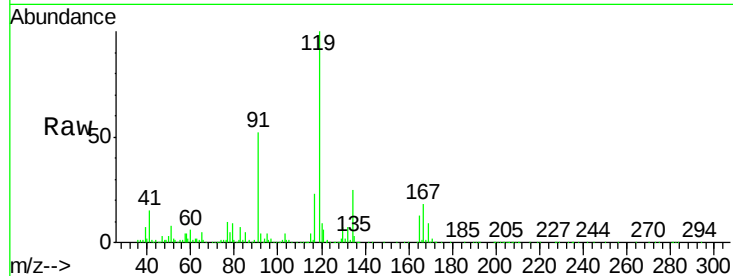
#83
tert-Butylbenzene
Concen: 21.079 ug/l
RT: 12.20 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	651670		
91	51.7	28.9	86.7	
134	25.1	14.3	42.9	

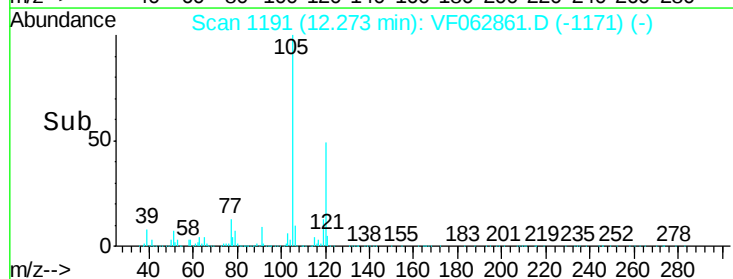
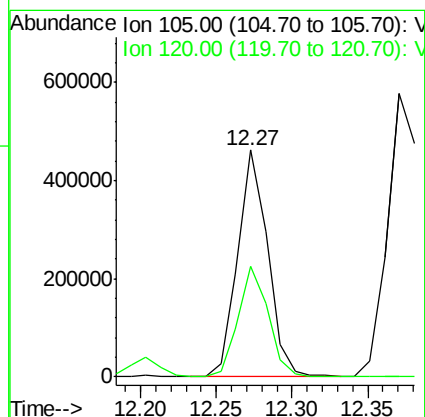
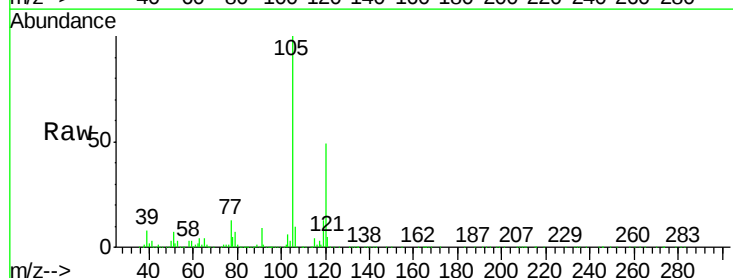
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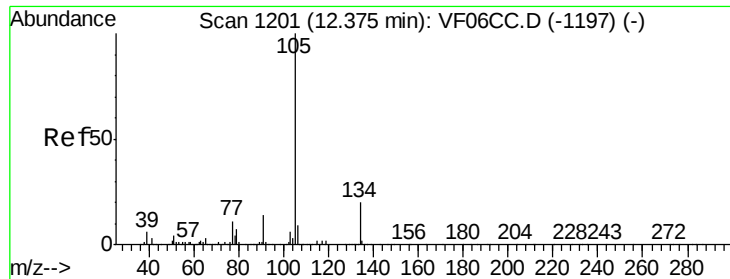
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#84
1,2,4-Trimethylbenzene
Concen: 21.542 ug/l
RT: 12.27 min Scan# 1191
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	637257		
120	49.0	27.1	81.3	





#85

sec-Butylbenzene

Concen: 21.336 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

ClientSampleId :

VF0605SBS01

Tot Ion:105 Resp: 869160

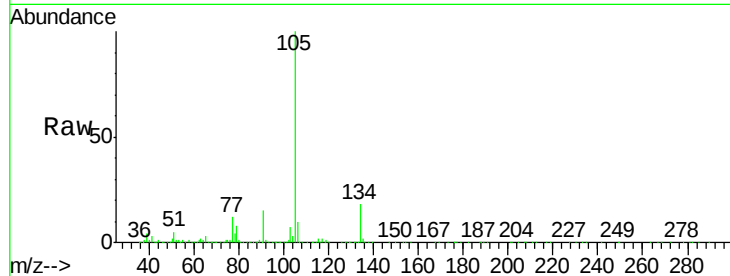
Ion Ratio Lower Upper

105 100

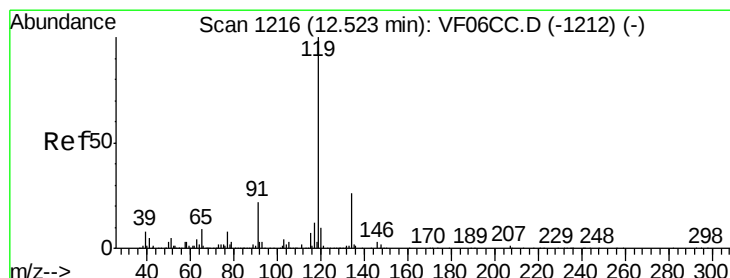
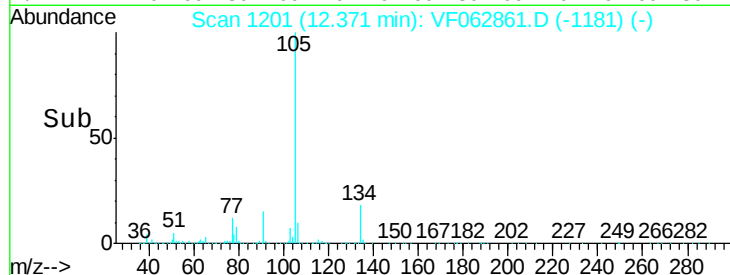
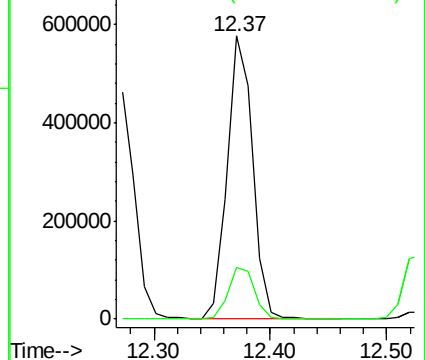
134 18.1 10.5 31.6

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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.478 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. -0.02 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

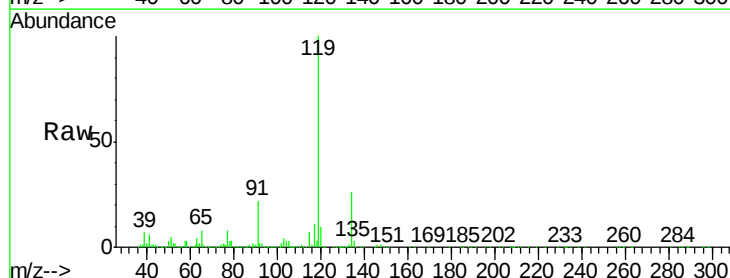
Tgt Ion:119 Resp: 728261

Ion Ratio Lower Upper

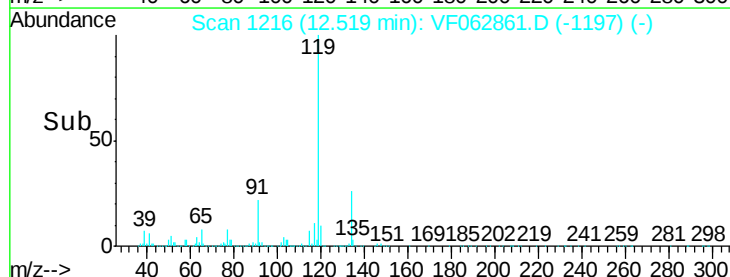
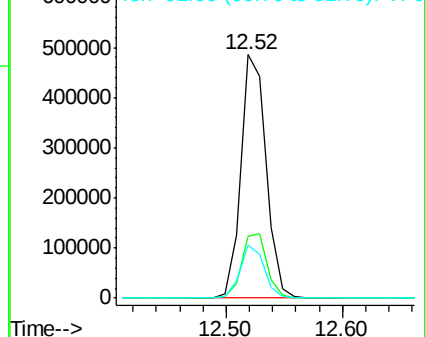
119 100

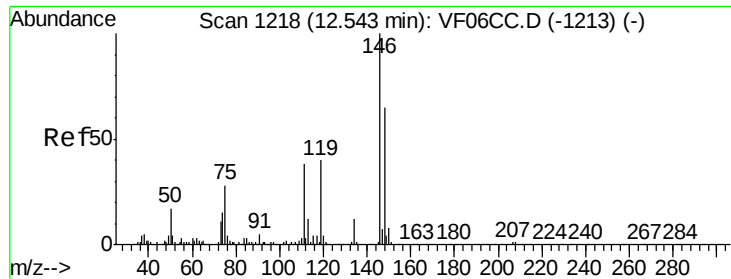
134 25.5 15.5 46.5

91 21.7 10.3 30.9



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





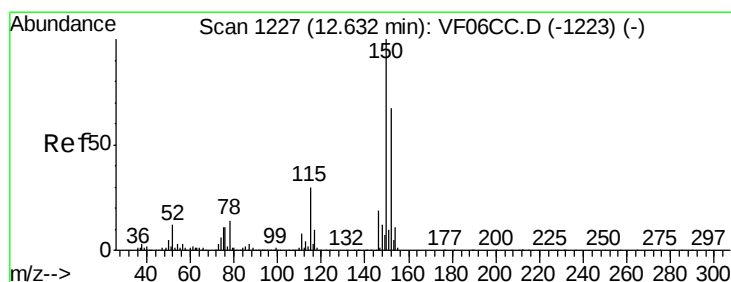
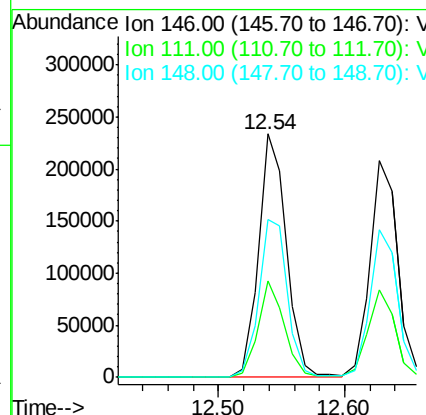
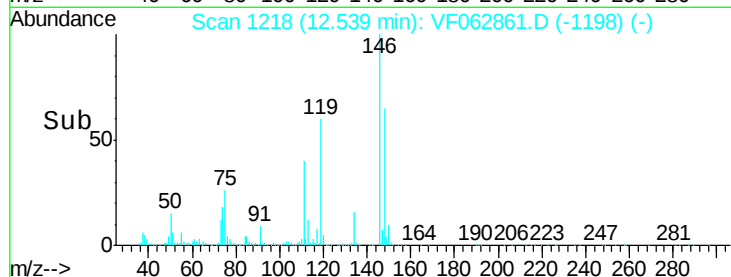
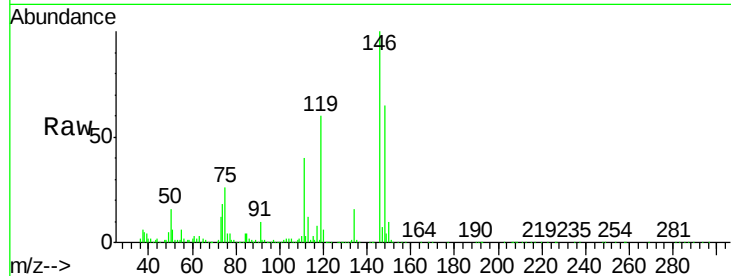
#87
 1,3-Dichlorobenzene
 Concen: 21.261 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VF062861.D
 Acq: 5 Jun 2019 13:20

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0605SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.8
148	64.9	34.2	102.5

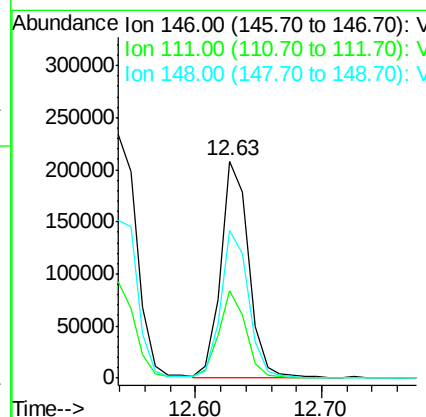
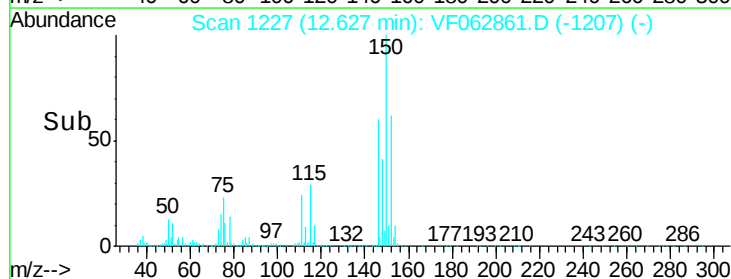
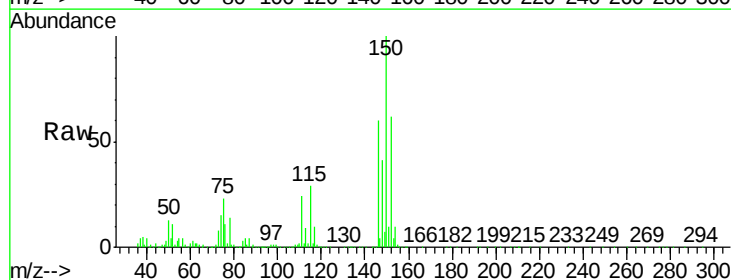
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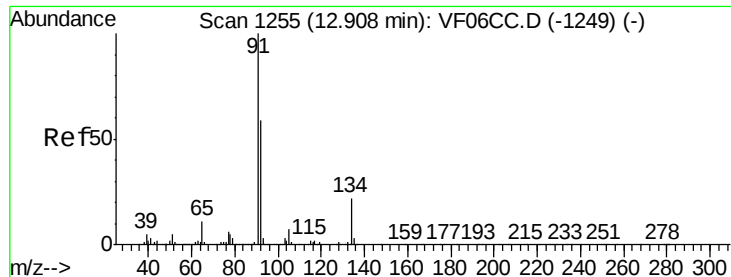
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#88
 1,4-Dichlorobenzene
 Concen: 20.284 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VF062861.D
 Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.9
148	68.2	34.0	101.8





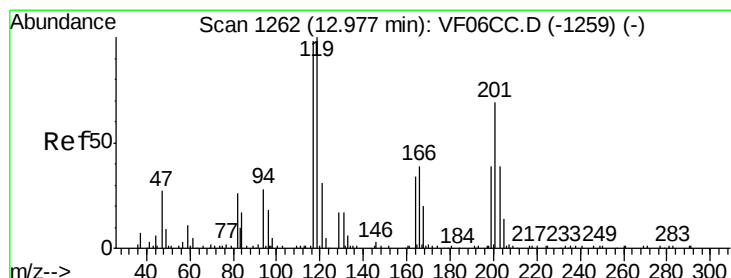
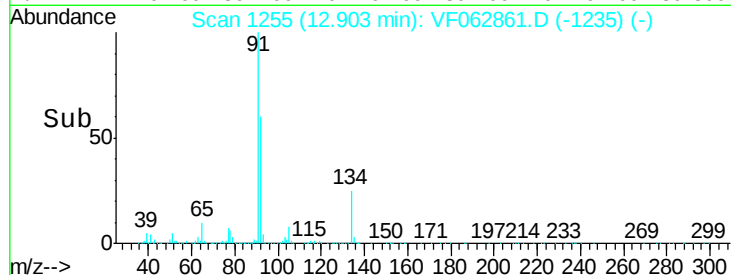
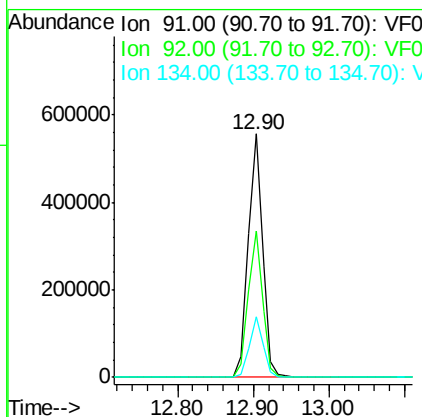
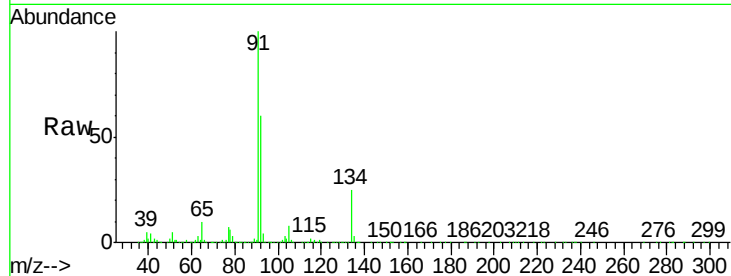
#89
n-Butylbenzene
Concen: 21.479 ug/l
RT: 12.90 min Scan# 1255
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	59.9	34.2	102.6
134	25.1	15.8	47.3

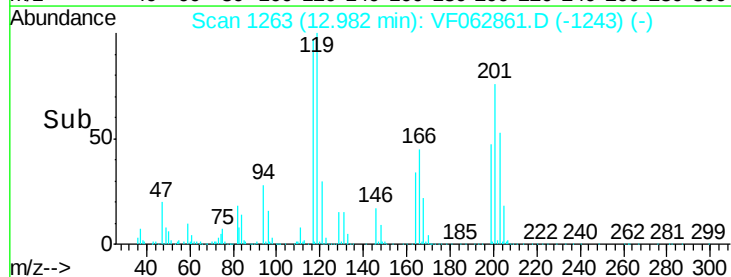
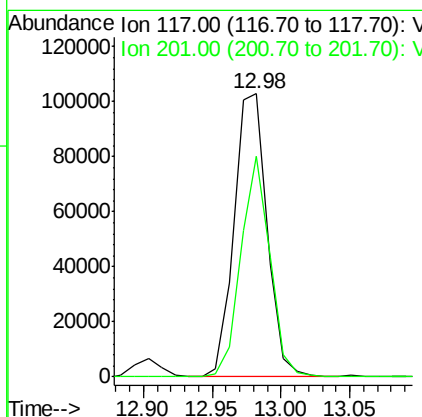
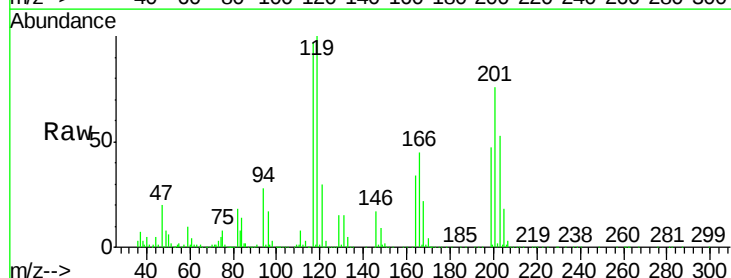
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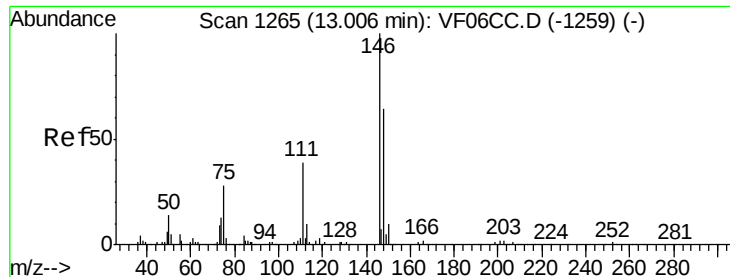
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#90
Hexachloroethane
Concen: 20.682 ug/l
RT: 12.98 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	38.9	116.7





#91

1,2-Dichlorobenzene

Concen: 20.579 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Instrument :

MSVOA_F

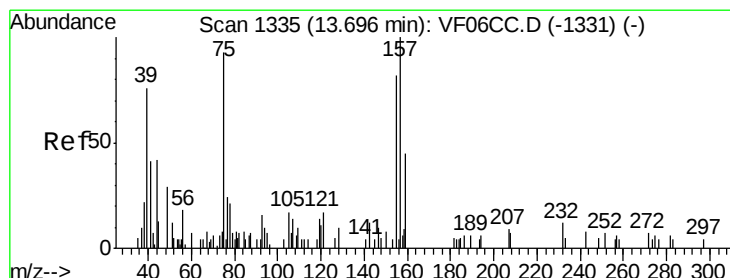
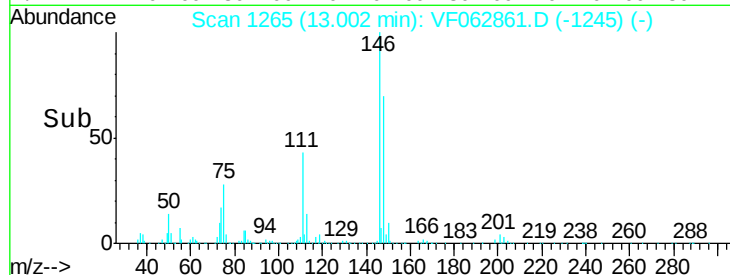
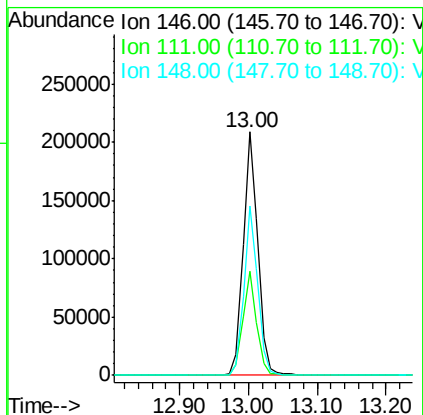
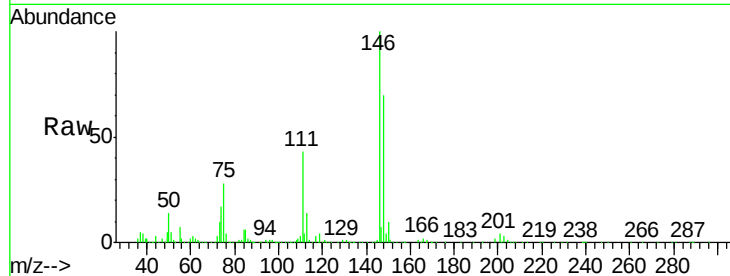
ClientSampleId :

VF0605SBS01

Tot Ion:	146	Resp:	305795
Ion Ratio	Lower	Upper	
146	100		
111	42.9	20.4	61.3
148	69.7	34.1	102.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.893 ug/l

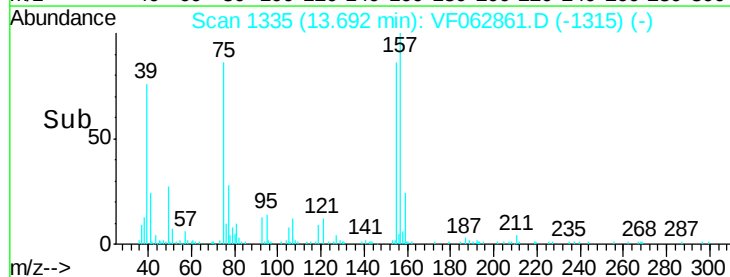
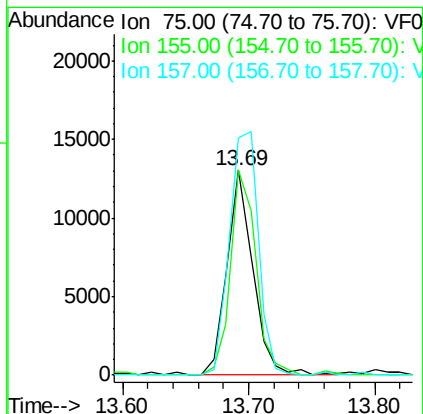
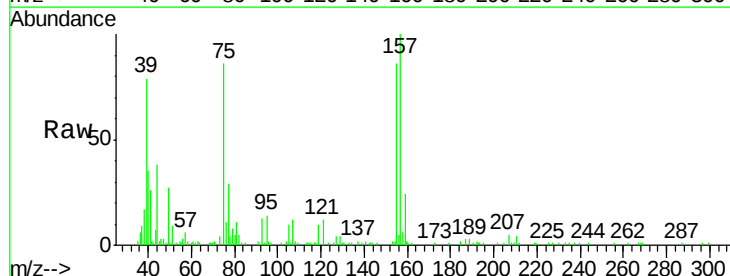
RT: 13.69 min Scan# 1335

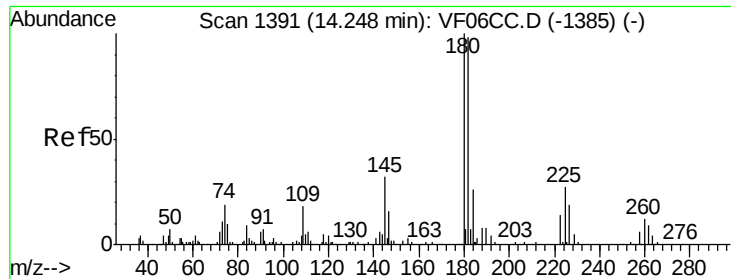
Delta R.T. -0.01 min

Lab File: VF062861.D

Acq: 5 Jun 2019 13:20

Tgt Ion:	75	Resp:	18545
Ion Ratio	Lower	Upper	
75	100		
155	100.0	51.7	155.1
157	115.7	66.8	200.6





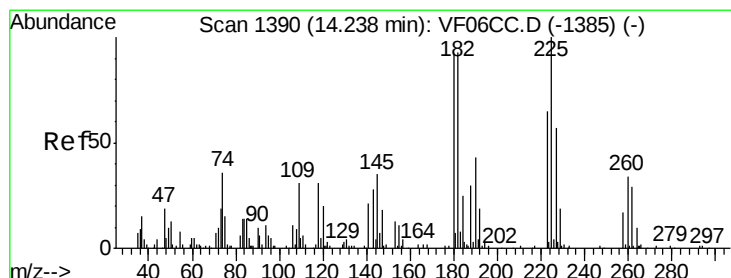
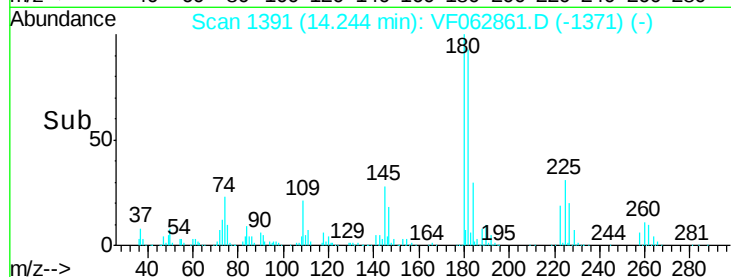
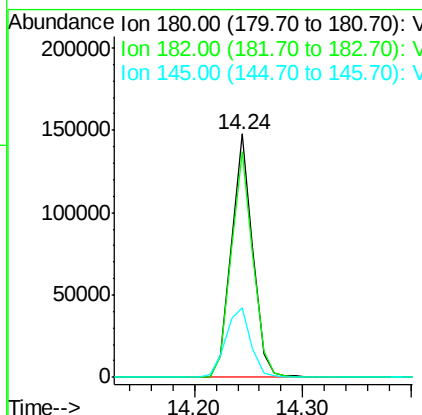
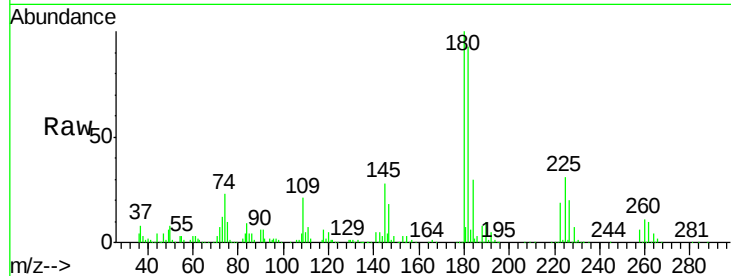
#93
 1,2,4-Trichlorobenzene
 Concen: 19.984 ug/l
 RT: 14.24 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VF062861.D
 Acq: 5 Jun 2019 13:20

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	203893		
182	92.9	50.3	150.9	
145	28.5	15.4	46.2	

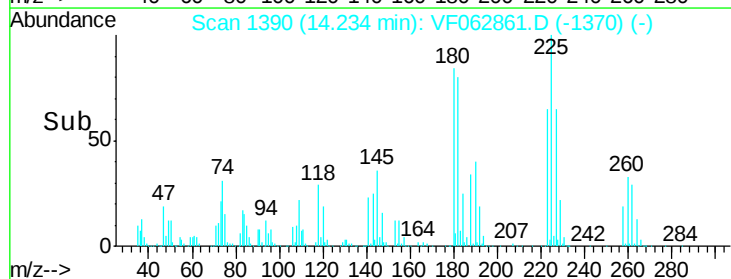
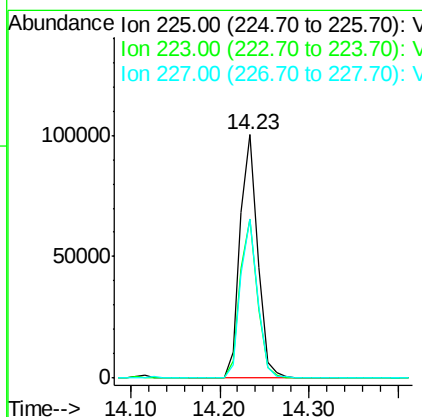
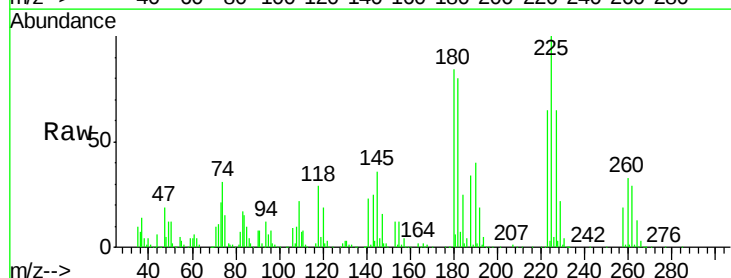
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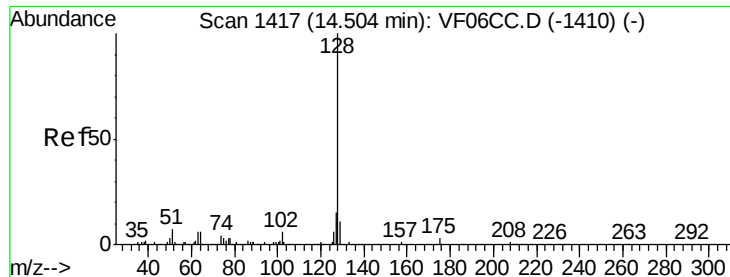
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#94
 Hexachlorobutadiene
 Concen: 19.649 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VF062861.D
 Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	138685		
223	65.3	30.8	92.4	
227	65.3	31.9	95.5	





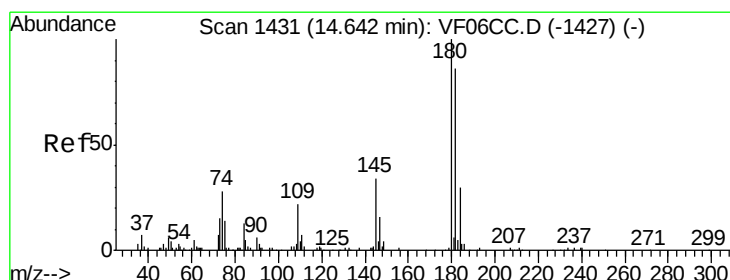
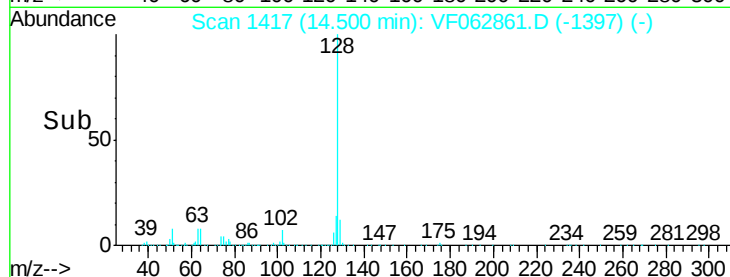
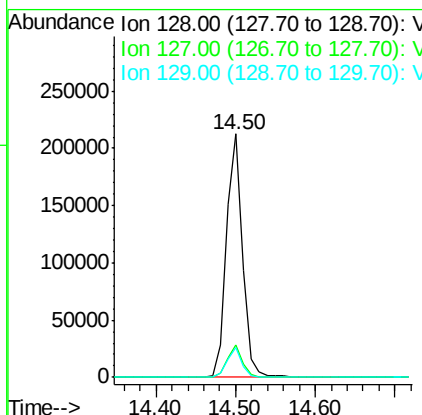
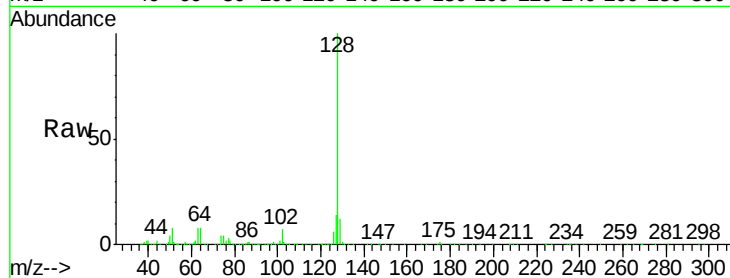
#95
Naphthalene
Concen: 18.270 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	305383		
127	13.5		9.7	14.5
129	12.4		9.4	14.2

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#96
1,2,3-Trichlorobenzene
Concen: 19.129 ug/l
RT: 14.65 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VF062861.D
Acq: 5 Jun 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	178154		
182	90.0		48.6	145.9
145	28.0		15.7	47.0

