

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060719\
 Data File : VF062894.D
 Acq On : 7 Jun 2019 11:43
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 12:25:27 PM

Quant Time: Jun 08 00:44:01 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	5.06	168	756214	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	1280405	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	1098704	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	524093	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	272111	52.04	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	4.31	113	477996	49.40	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	7.71	98	1223388	50.00	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.50	95	459296	52.19	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.01	85	413919	48.222	ug/l	90
3) Chloromethane	1.15	50	381575	48.766	ug/l	100
4) Vinyl Chloride	1.20	62	374532	48.168	ug/l	96
5) Bromomethane	1.41	94	235711	53.155	ug/l	100
6) Chloroethane	1.45	64	156018	53.666	ug/l	88
7) Trichlorofluoromethane	1.56	101	583682	53.025	ug/l	95
8) Diethyl Ether	1.72	74	127325	58.792	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	1.92	101	363544	52.531	ug/l	95
10) Methyl Iodide	2.00	142	727917	52.458	ug/l	97
11) Tert butyl alcohol	2.70	59	95177	300.448	ug/l	96
12) 1,1-Dichloroethene	1.88	96	334994	53.308	ug/l	97
13) Acrolein	2.11	56	46730	373.288	ug/l	94
14) Allyl chloride	2.20	41	312766m	64.154	ug/l	
15) Acrylonitrile	3.09	53	486089	408.361	ug/l	95
16) Acetone	2.35	43	364072	304.189	ug/l	96
17) Carbon Disulfide	1.92	76	945106	51.457	ug/l	99
18) Methyl Acetate	2.47	43	114476	54.734	ug/l	91
19) Methyl tert-butyl Ether	2.56	73	644276	56.589	ug/l	99
20) Methylene Chloride	2.35	84	351841m	59.257	ug/l	
21) trans-1,2-Dichloroethene	2.43	96	332368	52.750	ug/l	99
22) Diisopropyl ether	2.94	45	756881	54.645	ug/l	95
23) Vinyl Acetate	3.36	43	2663779	280.916	ug/l	99
24) 1,1-Dichloroethane	3.02	63	577698	55.861	ug/l	98
25) 2-Butanone	4.54	43	775186	278.121	ug/l	98
26) 2,2-Dichloropropane	3.79	77	358416	61.038	ug/l	90
27) cis-1,2-Dichloroethene	3.66	96	564877	53.334	ug/l	97
28) Bromochloromethane	3.91	49	277042	49.249	ug/l	89
29) Tetrahydrofuran	4.28	42	295291	277.000	ug/l	98
30) Chloroform	4.07	83	757282	51.957	ug/l	95
31) Cyclohexane	3.89	56	716485	51.173	ug/l	94
32) 1,1,1-Trichloroethane	4.30	97	500906	59.026	ug/l	96
36) 1,1-Dichloropropene	4.49	75	626207	53.126	ug/l	98
37) Ethyl Acetate	4.31	43	246078	54.613	ug/l	87
38) Carbon Tetrachloride	4.19	117	415571	52.166	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	740902	50.503	ug/l	97
40) Benzene	4.84	78	1714658	49.982	ug/l	99
41) Methacrylonitrile	4.94	41	143172	57.157	ug/l	92
42) 1,2-Dichloroethane	5.14	62	350569	53.730	ug/l	99
43) Isopropyl Acetate	7.12	43	314148	52.778	ug/l #	100
44) Trichloroethene	5.69	130	490117	50.623	ug/l	99
45) 1,2-Dichloropropane	6.42	63	447910	52.029	ug/l	96
46) Dibromomethane	6.27	93	269911	53.701	ug/l	97
47) Bromodichloromethane	6.56	83	542579	53.006	ug/l	94
48) Methyl methacrylate	6.89	41	161416	52.620	ug/l	96
49) 1,4-Dioxane	6.88	88	42603	1053.631	ug/l	94
51) 4-Methyl-2-Pentanone	8.41	43	1289152	303.360	ug/l	99
52) Toluene	7.79	92	1015002	54.933	ug/l	97
53) t-1,3-Dichloropropene	8.43	75	474014	55.884	ug/l	98
54) cis-1,3-Dichloropropene	7.47	75	635518	51.760	ug/l	96
55) 1,1,2-Trichloroethane	8.64	97	314558	56.985	ug/l	97
56) Ethyl methacrylate	8.76	69	354511	59.855	ug/l	95
57) 1,3-Dichloropropane	9.01	76	518714	57.543	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.46	63	522279	252.312	ug/l	97
59) 2-Hexanone	9.63	43	915969	302.403	ug/l	97
60) Dibromochloromethane	8.87	129	403931	59.105	ug/l	99
61) 1,2-Dibromoethane	9.14	107	332874	58.064	ug/l	99
64) Tetrachloroethene	8.32	164	386436	45.771	ug/l	95
65) Chlorobenzene	9.94	112	1078396	50.825	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.07	131	421183	49.843	ug/l	98
67) Ethyl Benzene	10.04	91	1795040	49.300	ug/l	100
68) m/p-Xylenes	10.27	106	1341736	96.299	ug/l	98
69) o-Xylene	10.82	106	697142	49.419	ug/l	96
70) Styrene	10.90	104	1018889	49.003	ug/l	99
71) Bromoform	10.89	173	215920	53.265	ug/l #	97
73) Isopropylbenzene	11.22	105	1842941	50.396	ug/l	98
74) N-amyl acetate	11.45	43	560866	54.417	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.78	83	414632	53.094	ug/l	99
76) 1,2,3-Trichloropropane	11.87	75	264414	51.079	ug/l	93
77) Bromobenzene	11.59	156	451200	49.106	ug/l	94
78) n-propylbenzene	11.68	91	2183650	49.455	ug/l	99
79) 2-Chlorotoluene	11.79	91	1208188	47.821	ug/l	98
80) 1,3,5-Trimethylbenzene	11.90	105	1486354	49.701	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.94	75	120144m	54.821	ug/l	
82) 4-Chlorotoluene	11.97	91	1221570	49.199	ug/l	97
83) tert-Butylbenzene	12.20	119	1540871	51.999	ug/l	97
84) 1,2,4-Trimethylbenzene	12.27	105	1425802	50.285	ug/l	97
85) sec-Butylbenzene	12.38	105	2007495	51.412	ug/l	98
86) p-Isopropyltoluene	12.52	119	1644009	50.583	ug/l	99
87) 1,3-Dichlorobenzene	12.54	146	811301	50.066	ug/l	98
88) 1,4-Dichlorobenzene	12.63	146	742244	49.081	ug/l	97
89) n-Butylbenzene	12.90	91	1631742	49.910	ug/l	96
90) Hexachloroethane	12.98	117	421865	53.219	ug/l	98
91) 1,2-Dichlorobenzene	13.00	146	747152	52.457	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.69	75	51305	60.301	ug/l	87

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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	508391	51.986	ug/l	99
94) Hexachlorobutadiene	14.23	225	346310	51.188	ug/l	98
95) Naphthalene	14.50	128	927334	57.880	ug/l	99
96) 1,2,3-Trichlorobenzene	14.63	180	470915	52.752	ug/l	98

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

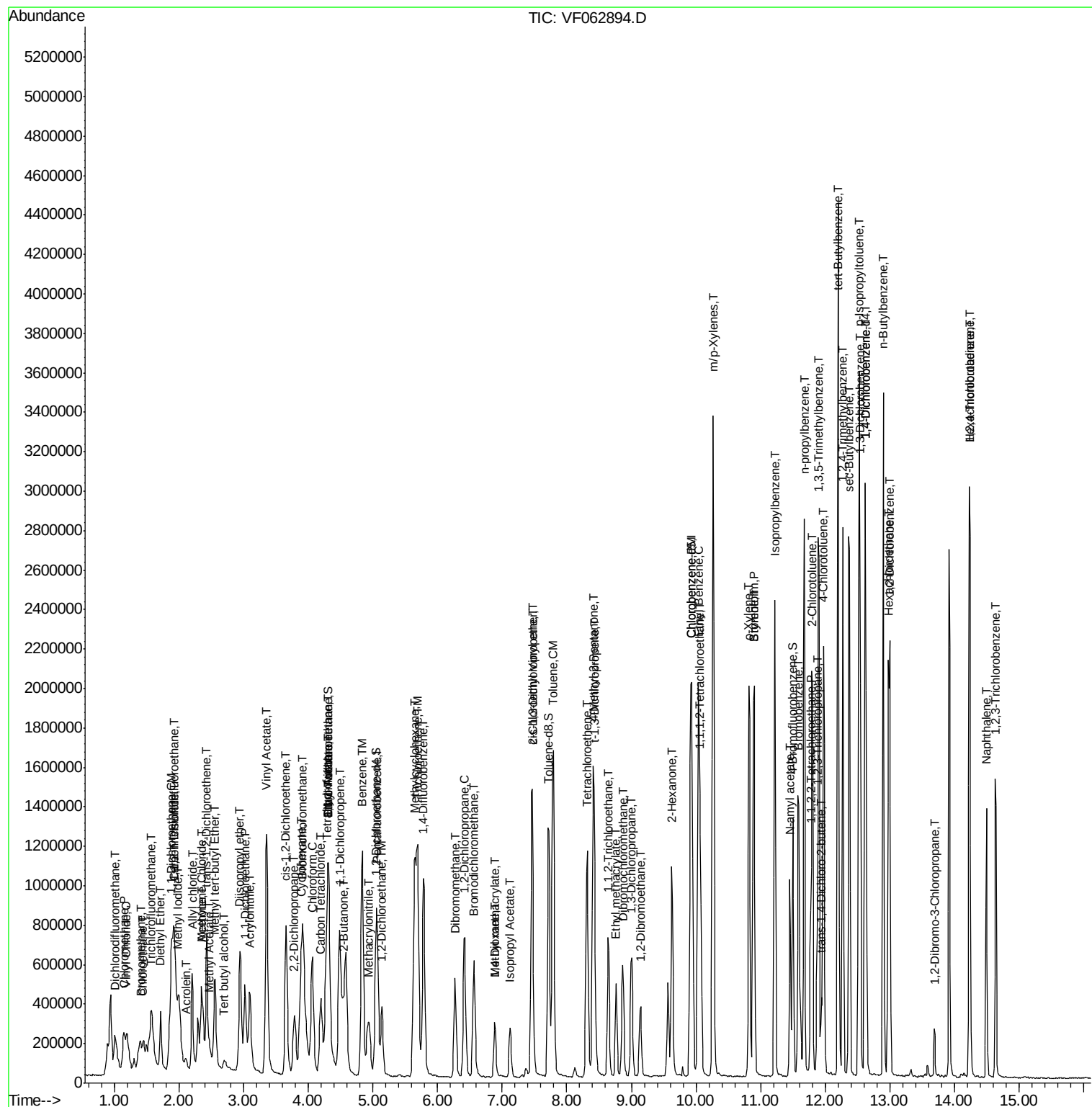
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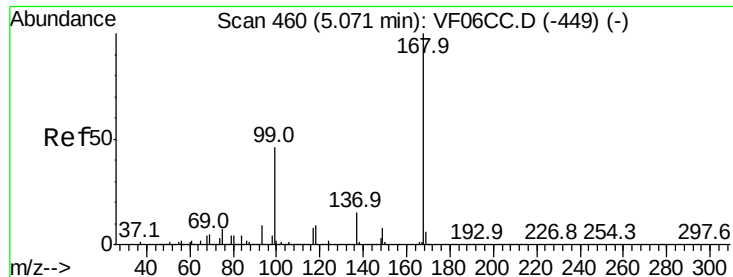
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 756214

Ion Ratio Lower Upper

168 100

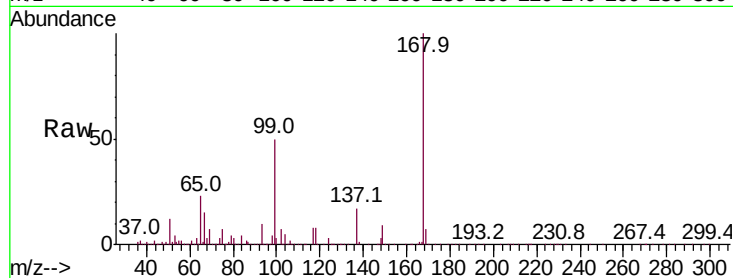
99 50.0 39.1 58.7

Manual Integrations

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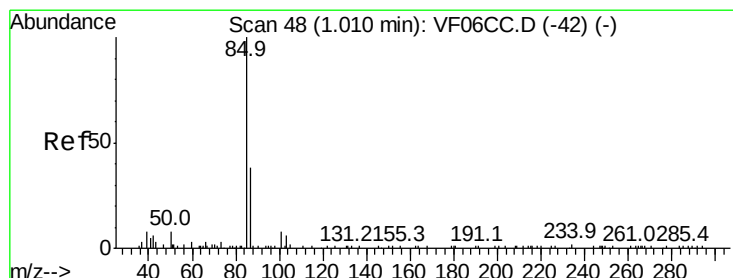
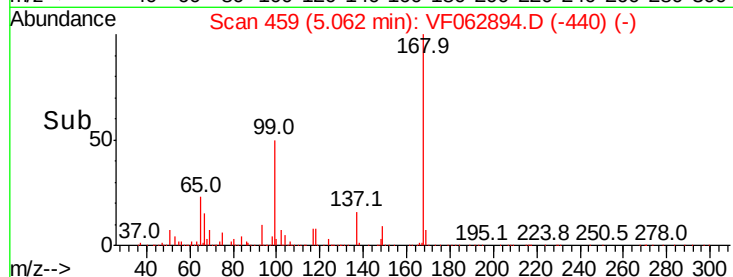
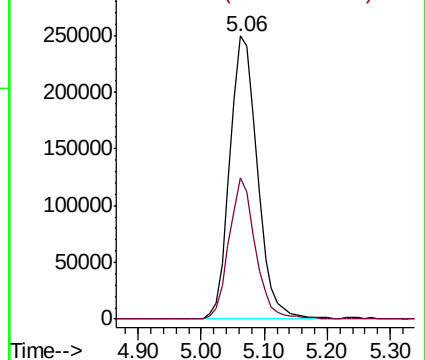
MMDadoda

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 48.222 ug/l

RT: 1.01 min Scan# 48

Delta R.T. -0.00 min

Lab File: VF062894.D

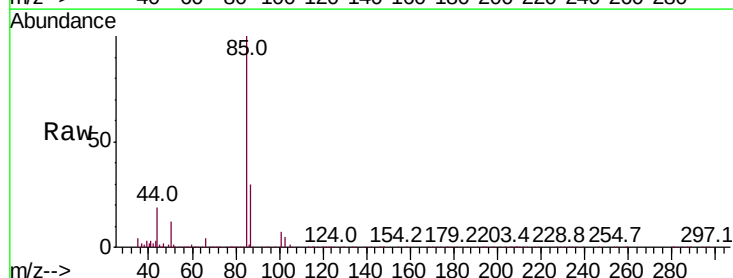
Acq: 7 Jun 2019 11:43

Tgt Ion: 85 Resp: 413919

Ion Ratio Lower Upper

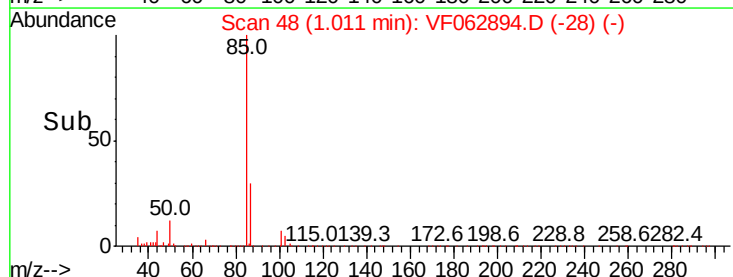
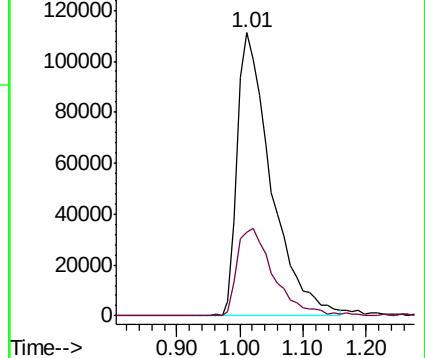
85 100

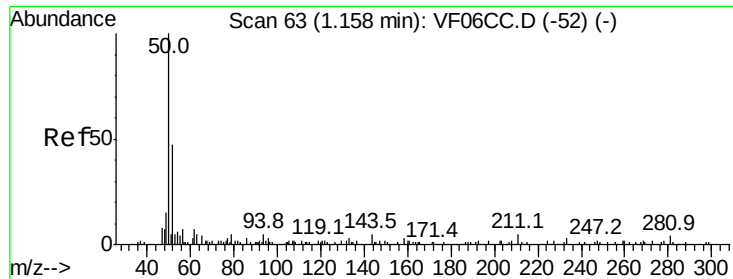
87 29.6 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 48.766 ug/l

RT: 1.15 min Scan# 62

Delta R.T. -0.00 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 381575

Ion Ratio Lower Upper

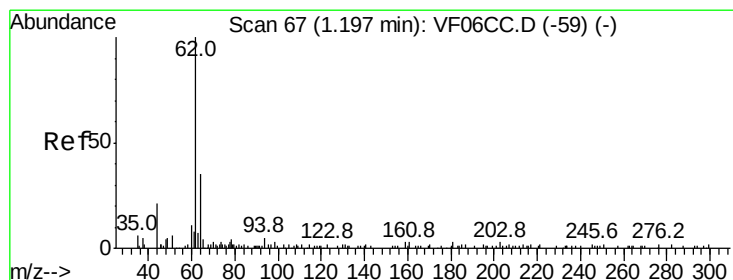
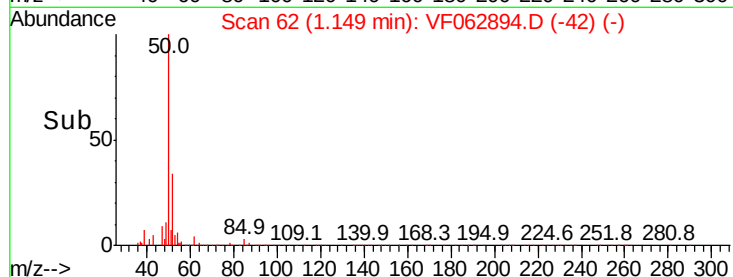
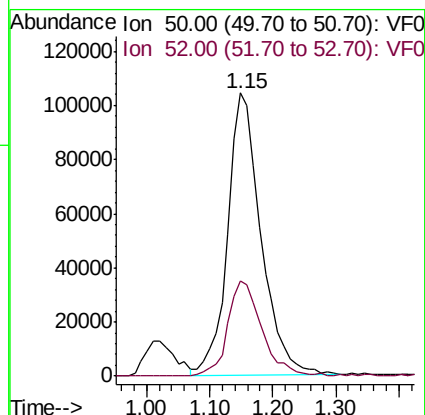
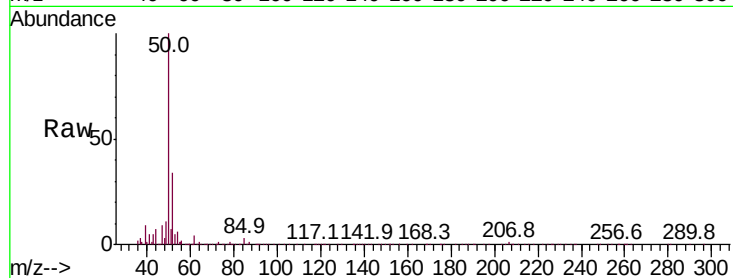
50 100

52 33.8 27.0 40.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 48.168 ug/l

RT: 1.20 min Scan# 67

Delta R.T. -0.00 min

Lab File: VF062894.D

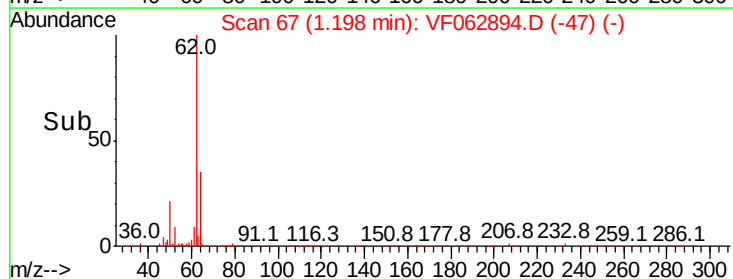
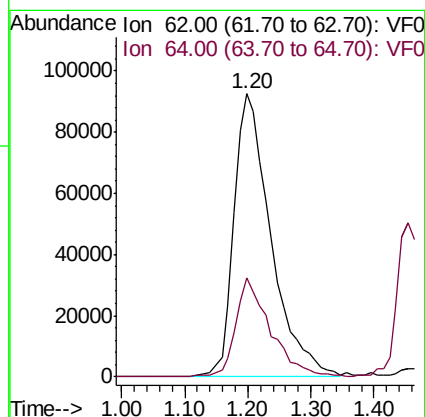
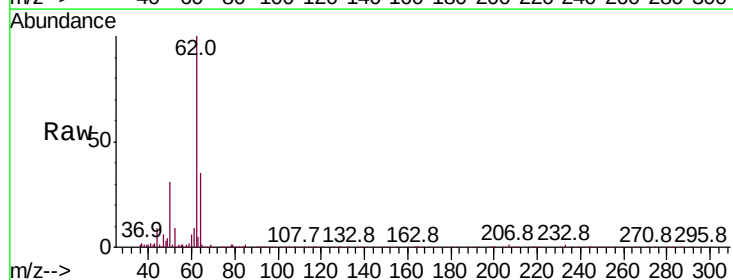
Acq: 7 Jun 2019 11:43

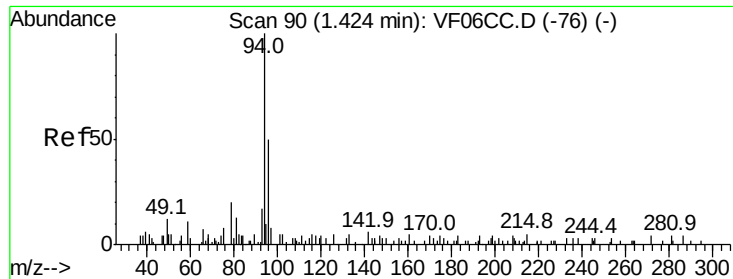
Tgt Ion: 62 Resp: 374532

Ion Ratio Lower Upper

62 100

64 35.0 26.2 39.2





#5

Bromomethane

Concen: 53.155 ug/l

RT: 1.41 min Scan# 88

Delta R.T. -0.00 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 235711

Ion Ratio Lower Upper

94 100

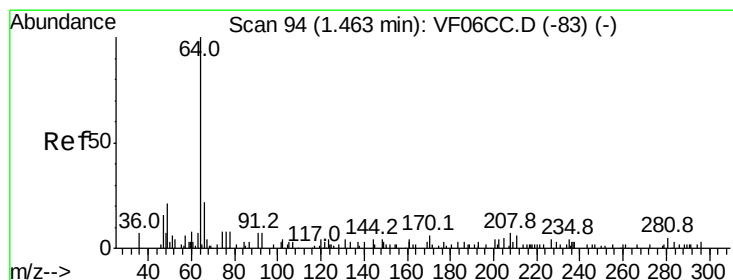
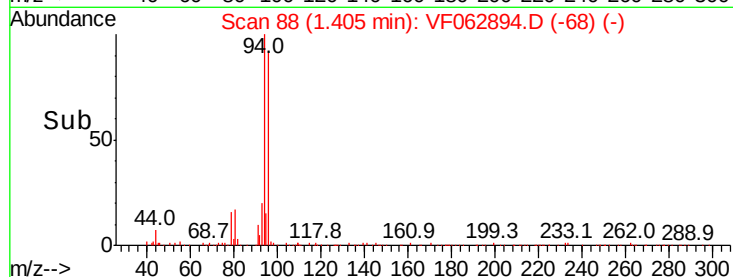
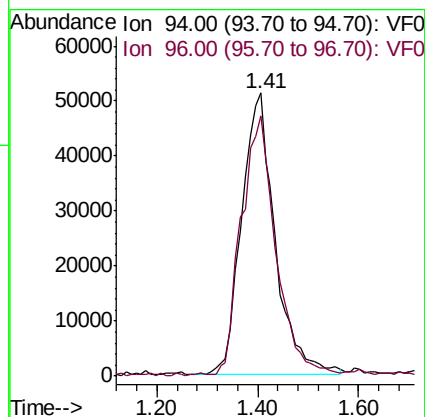
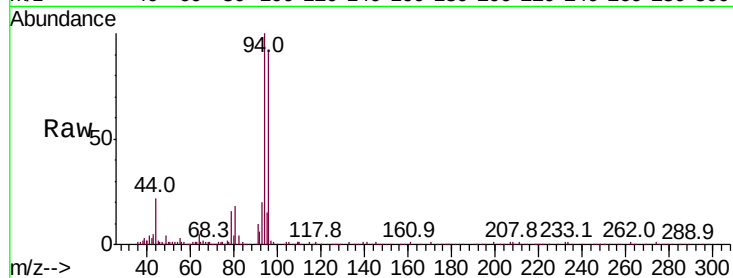
96 92.0 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 53.666 ug/l

RT: 1.45 min Scan# 93

Delta R.T. -0.01 min

Lab File: VF062894.D

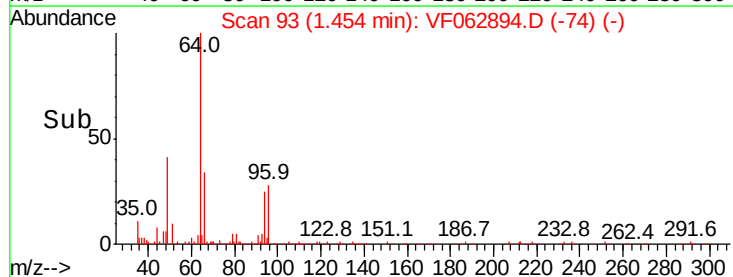
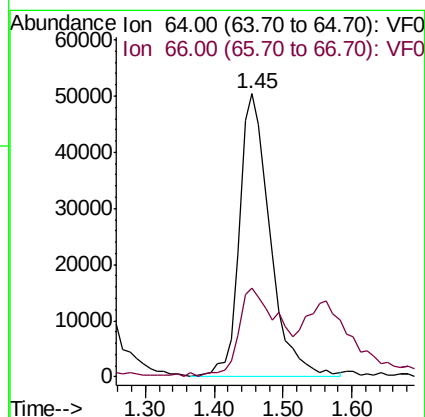
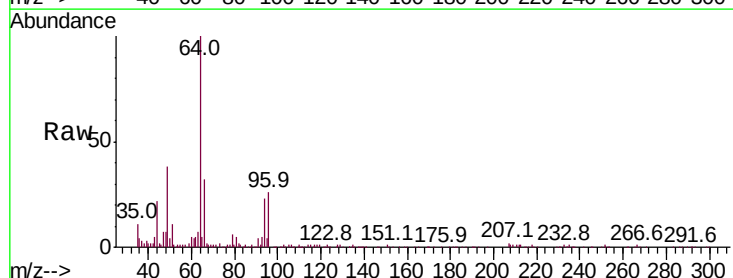
Acq: 7 Jun 2019 11:43

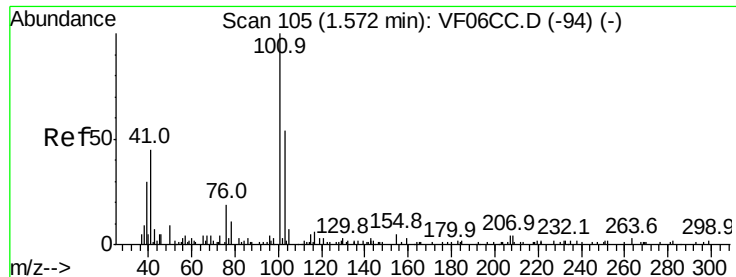
Tgt Ion: 64 Resp: 156018

Ion Ratio Lower Upper

64 100

66 31.6 31.0 46.4





#7

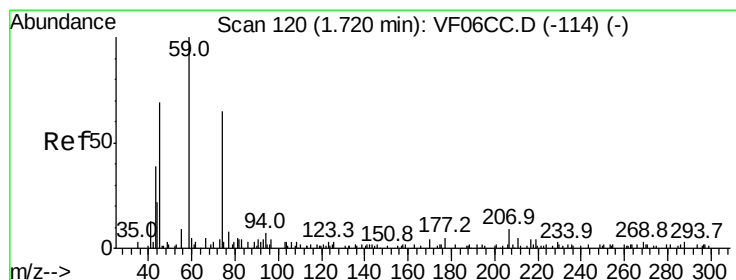
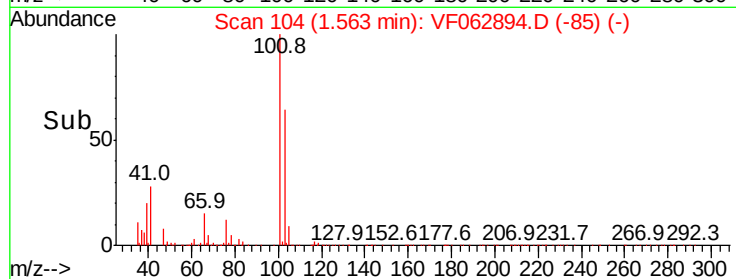
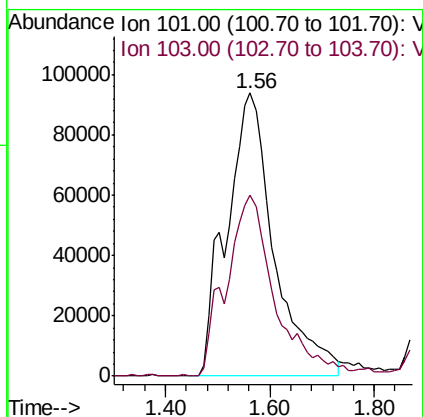
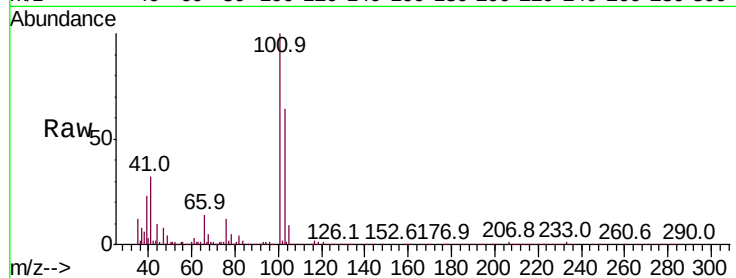
Trichlorofluoromethane
Concen: 53.025 ug/l
RT: 1.56 min Scan# 104
Delta R.T. -0.01 min
Lab File: VF062894.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	54.6	82.0

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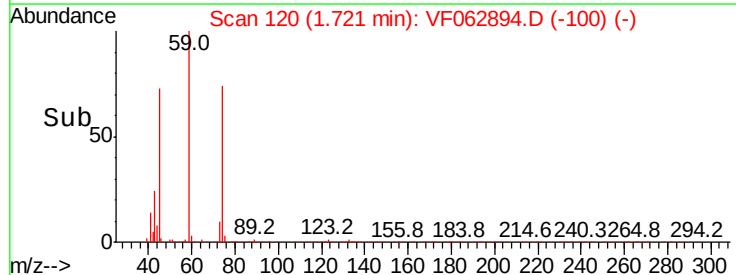
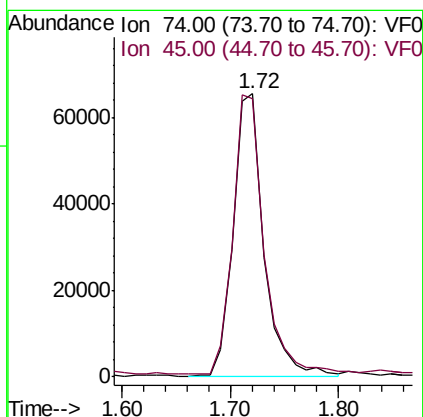
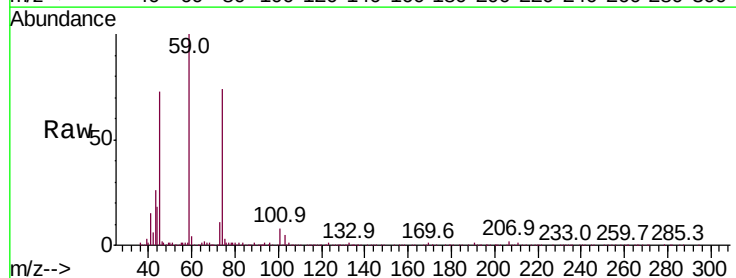
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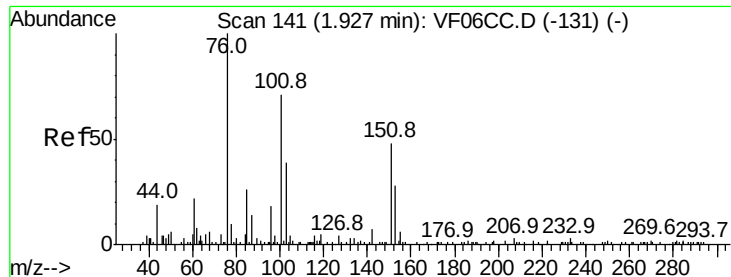


#8

Diethyl Ether
Concen: 58.792 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.00 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.4	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.531 ug/l

RT: 1.92 min Scan# 140

Delta R.T. -0.02 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

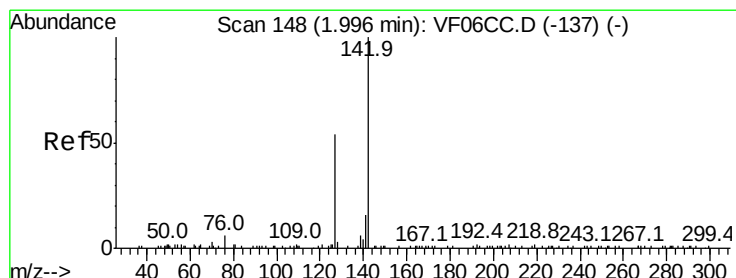
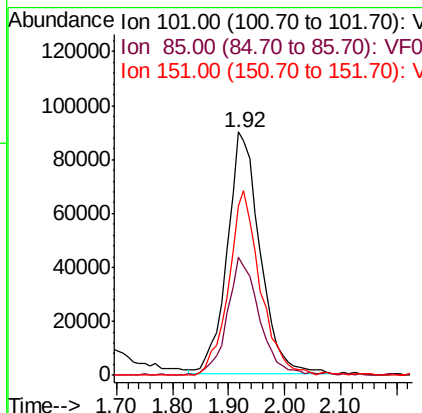
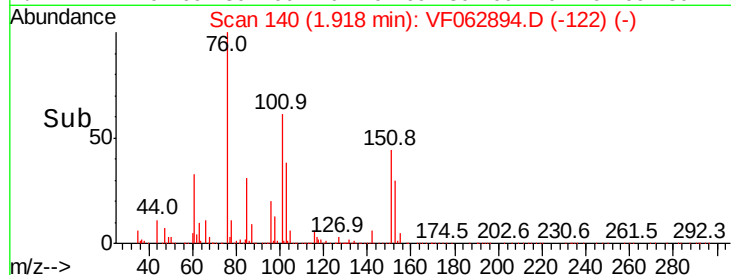
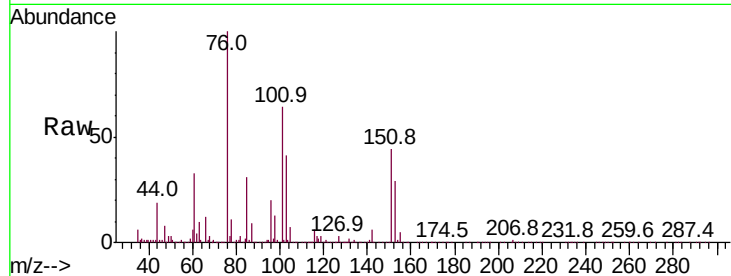
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	363544
Ion Ratio	Lower	Upper	
101	100		
85	48.4	37.1	55.7
151	69.5	60.3	90.5

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#10

Methyl Iodide

Concen: 52.458 ug/l

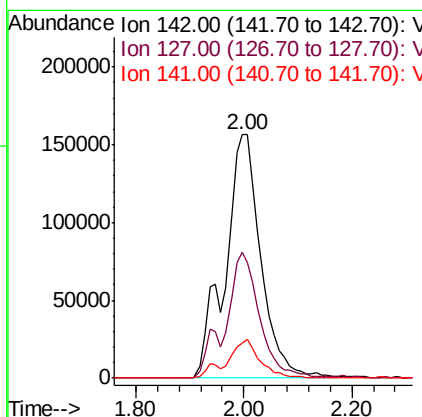
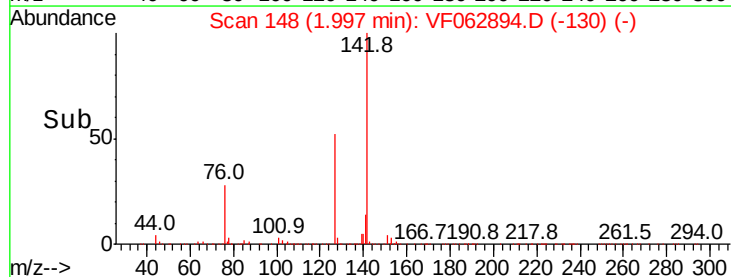
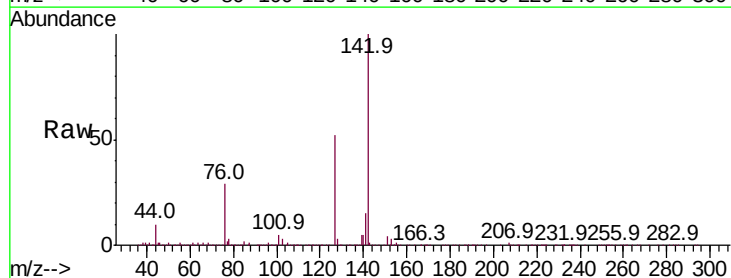
RT: 2.00 min Scan# 148

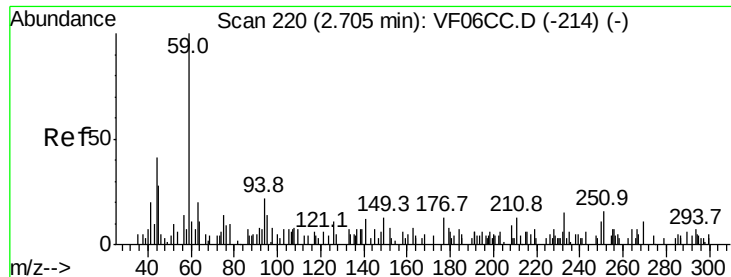
Delta R.T. -0.02 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion:	142	Resp:	727917
Ion Ratio	Lower	Upper	
142	100		
127	51.6	39.4	59.2
141	14.6	10.6	15.8





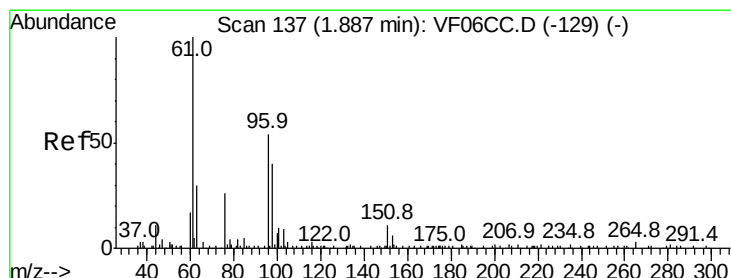
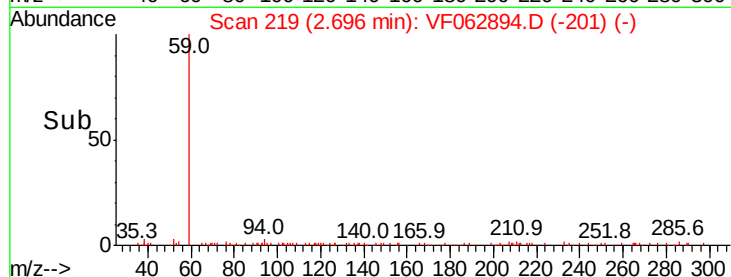
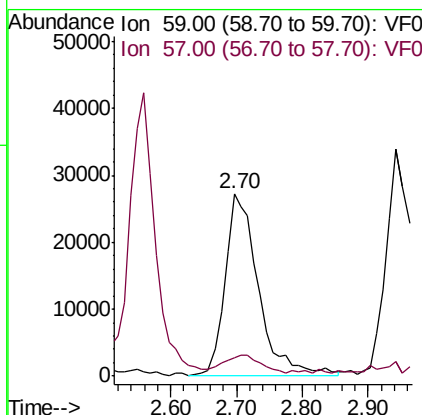
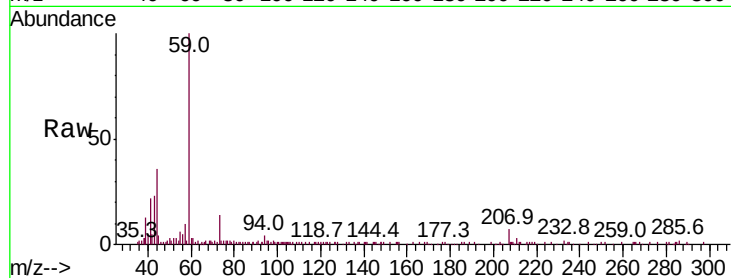
#11
Tert butyl alcohol
Concen: 300.448 ug/l
RT: 2.70 min Scan# 219
Delta R.T. -0.02 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	9.2	13.8

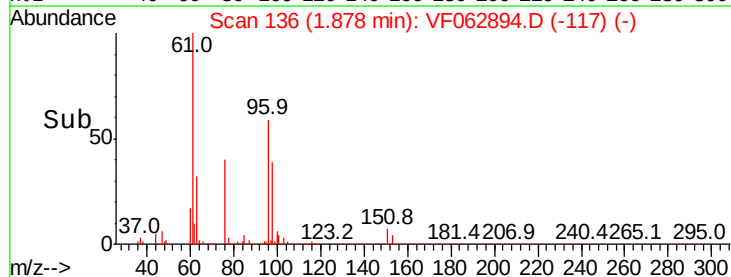
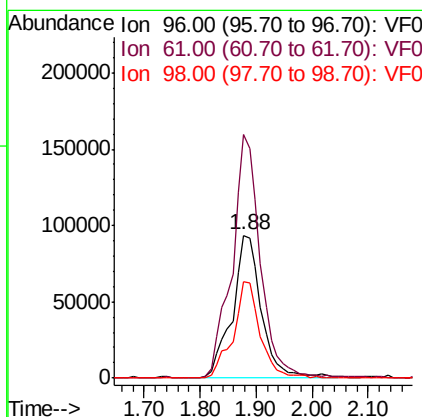
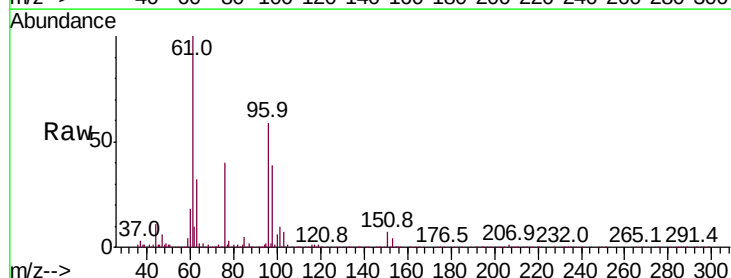
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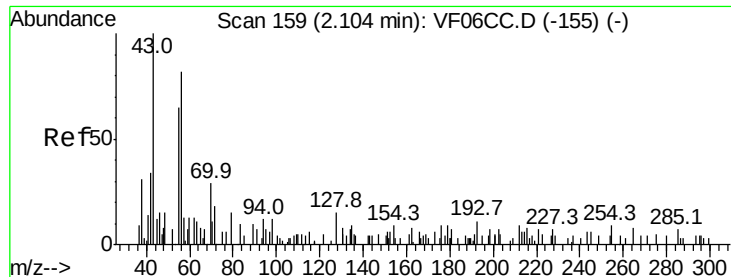
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#12
1,1-Dichloroethene
Concen: 53.308 ug/l
RT: 1.88 min Scan# 136
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.7	139.4	209.2
98	67.3	50.3	75.5





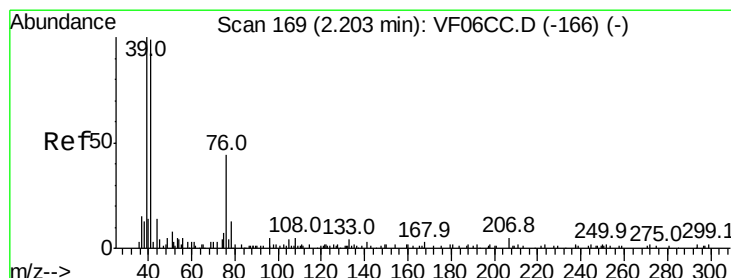
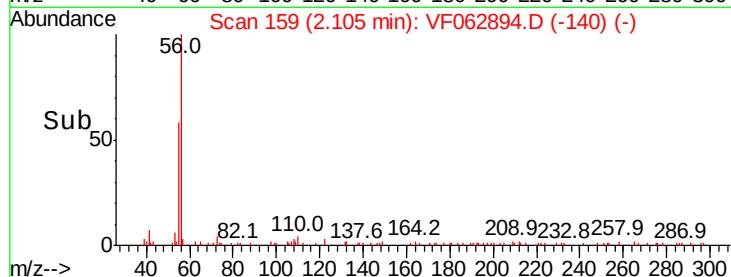
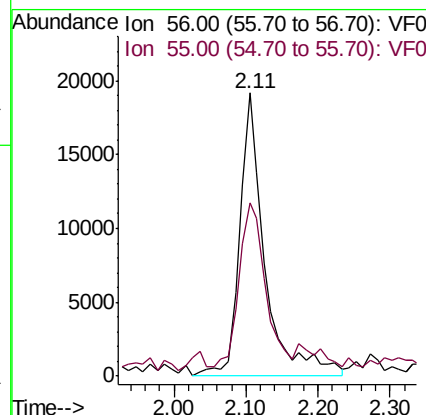
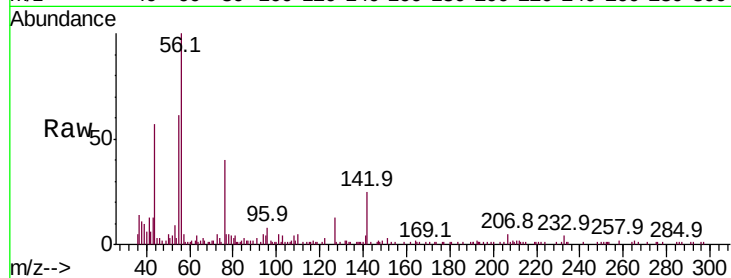
#13
Acrolein
Concen: 373.288 ug/l
RT: 2.11 min Scan# 159
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	46730
Ion Ratio	Lower	Upper	
56	100		
55	61.3	52.9	79.3

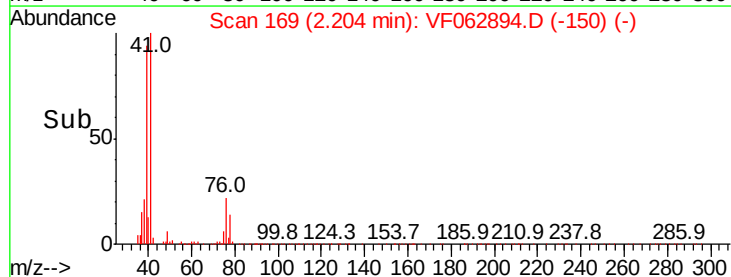
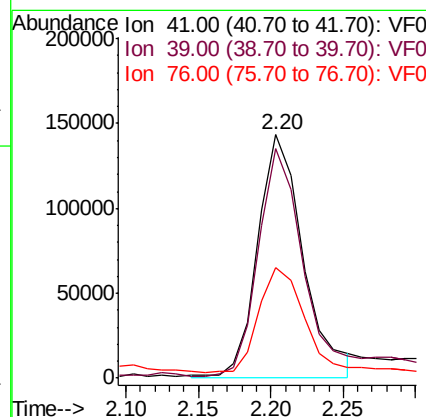
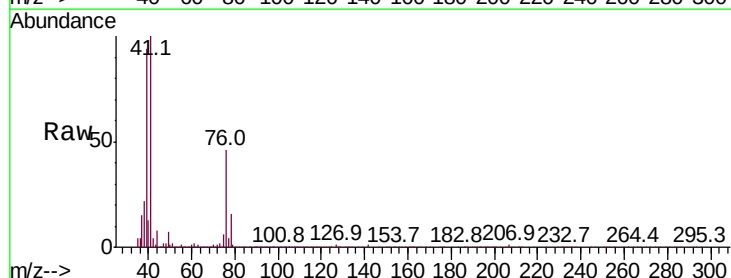
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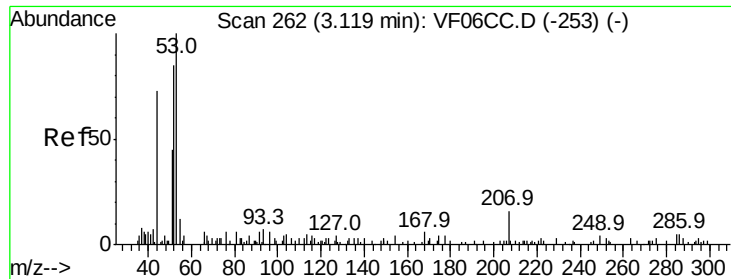
MMDadoda
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#14
Allyl chloride
Concen: 64.154 ug/l m
RT: 2.20 min Scan# 169
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	41	Resp	312766
Ion Ratio	Lower	Upper	
41	100		
39	94.2	71.9	107.9
76	45.5	39.6	59.4





#15

Acrylonitrile

Concen: 408.361 ug/l

RT: 3.09 min Scan# 259

Delta R.T. -0.02 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

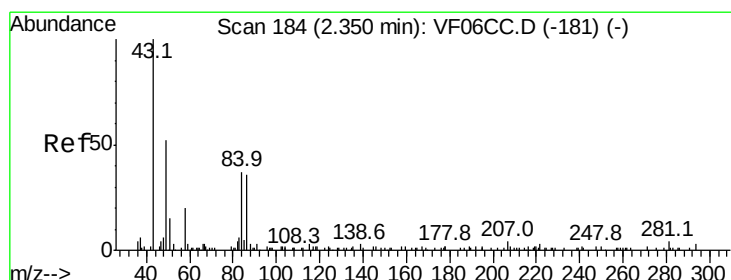
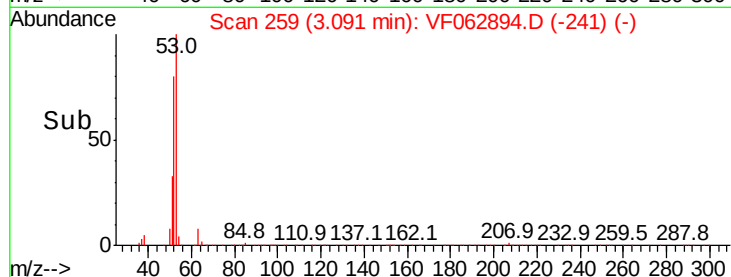
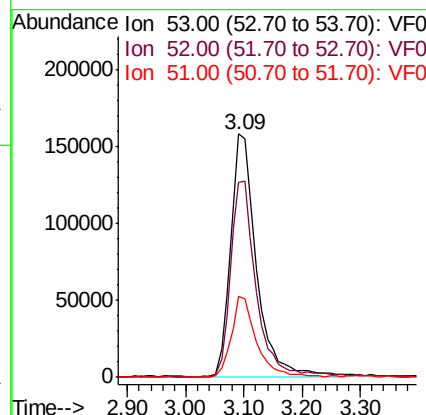
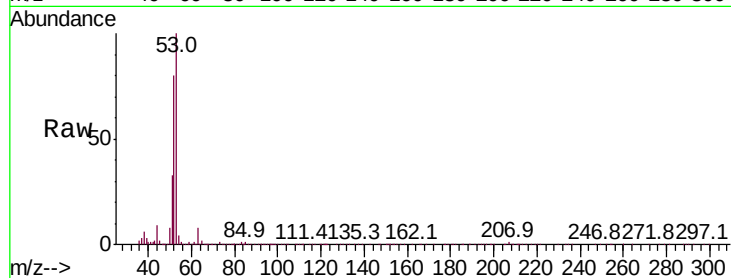
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	486089
Ion Ratio	Lower	Upper	
53	100		
52	79.8	68.1	102.1
51	33.3	27.7	41.5

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#16

Acetone

Concen: 304.189 ug/l

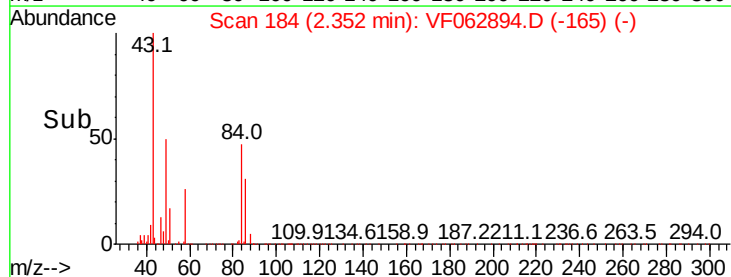
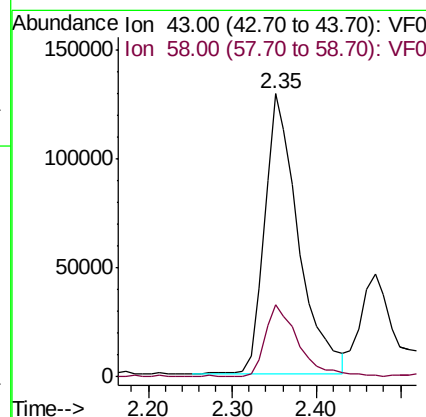
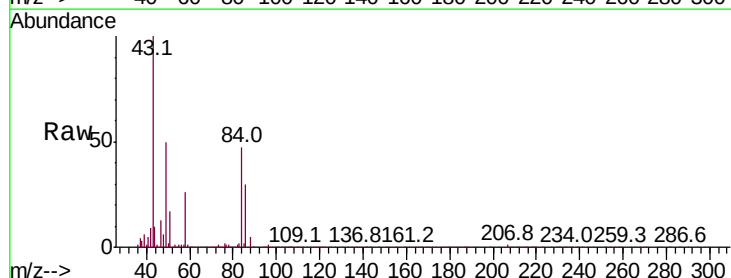
RT: 2.35 min Scan# 184

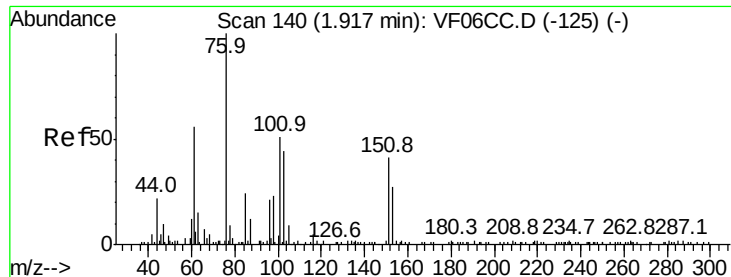
Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion:	43	Resp:	364072
Ion Ratio	Lower	Upper	
43	100		
58	25.7	19.0	28.4





#17

Carbon Disulfide

Concen: 51.457 ug/l

RT: 1.92 min Scan# 140

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 945106

Ion Ratio Lower Upper

76 100

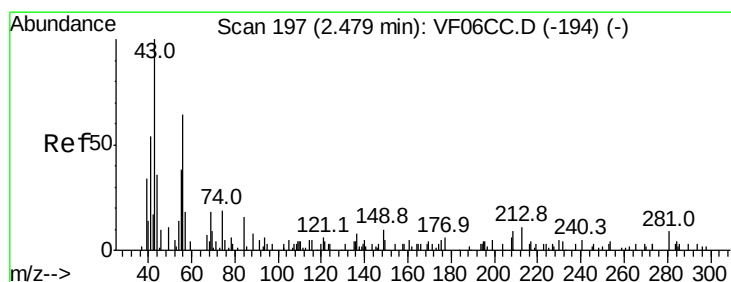
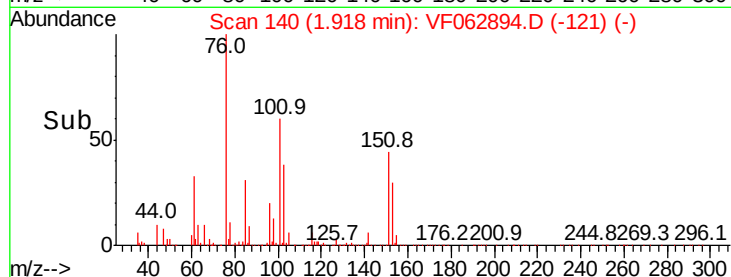
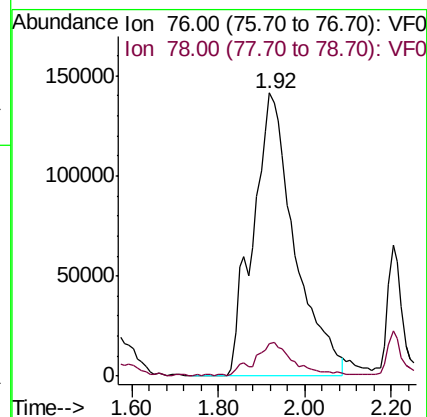
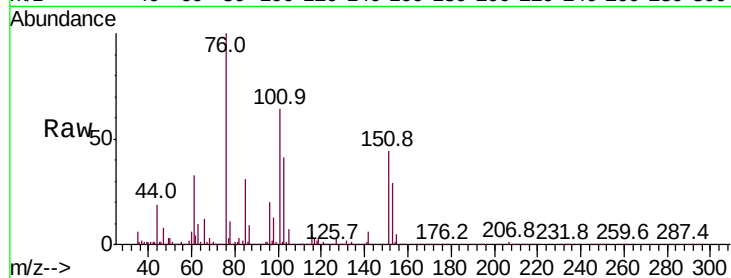
78 11.5 9.4 14.2

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#18

Methyl Acetate

Concen: 54.734 ug/l

RT: 2.47 min Scan# 196

Delta R.T. -0.01 min

Lab File: VF062894.D

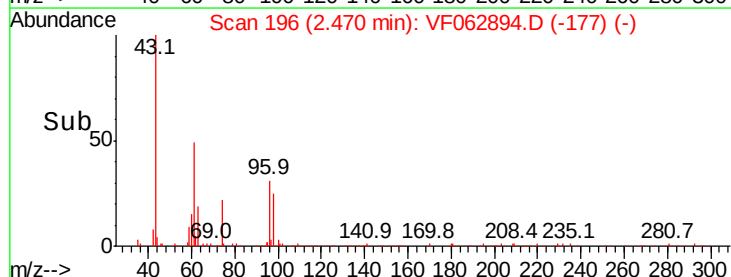
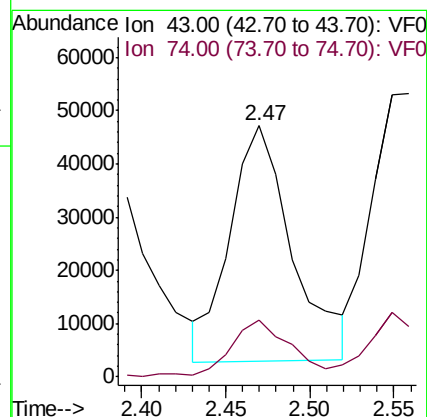
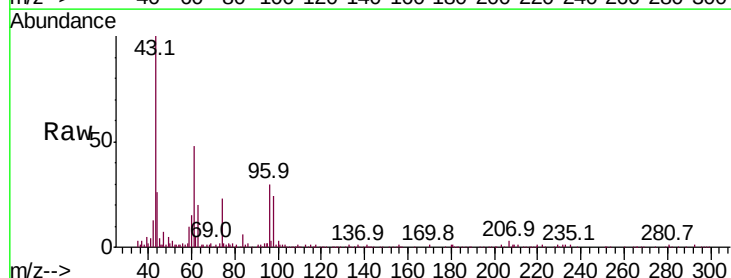
Acq: 7 Jun 2019 11:43

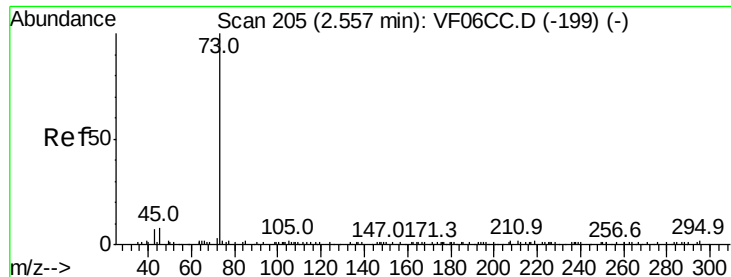
Tgt Ion: 43 Resp: 114476

Ion Ratio Lower Upper

43 100

74 22.8 22.1 33.1





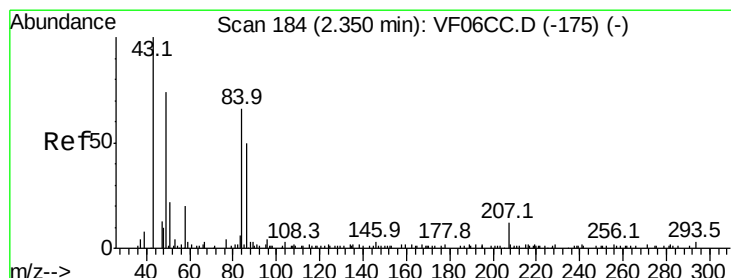
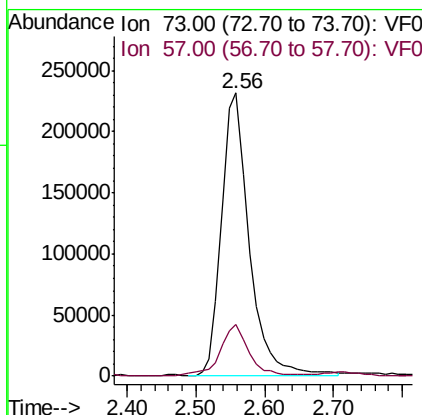
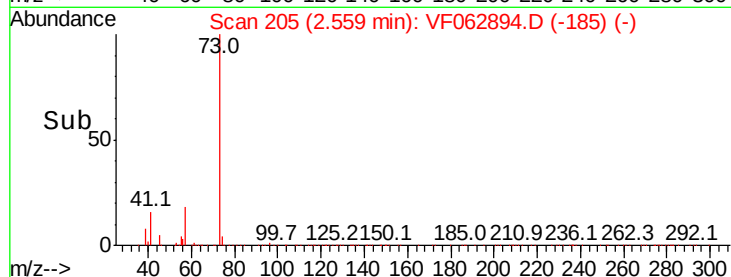
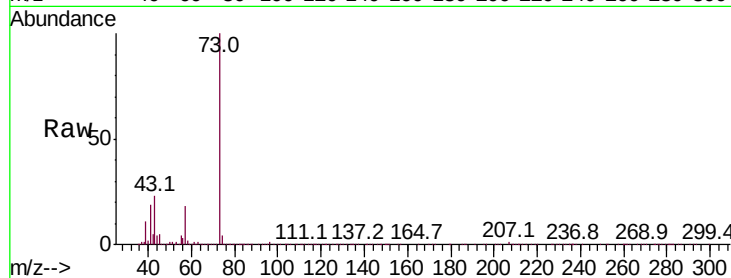
#19
Methyl tert-butyl Ether
Concen: 56.589 ug/l
RT: 2.56 min Scan# 205
Delta R.T. -0.00 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.3	15.1	22.7

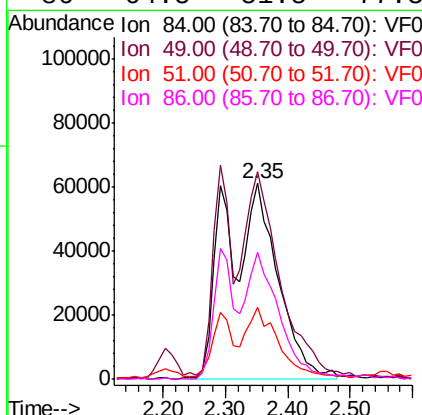
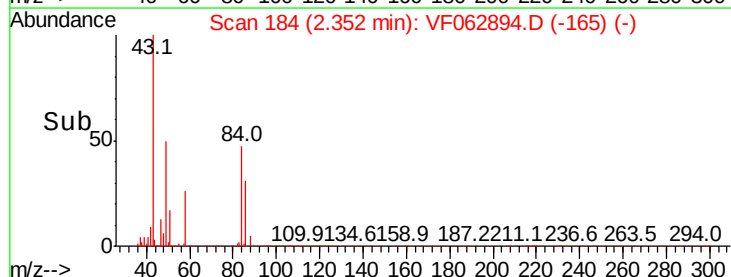
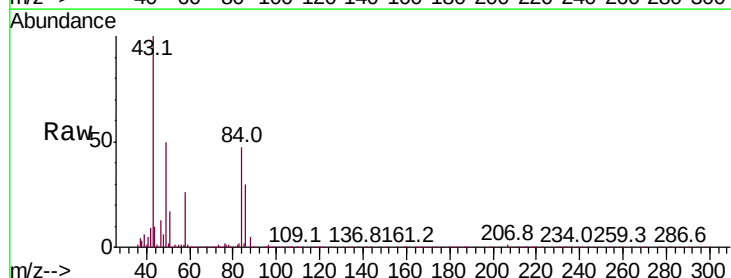
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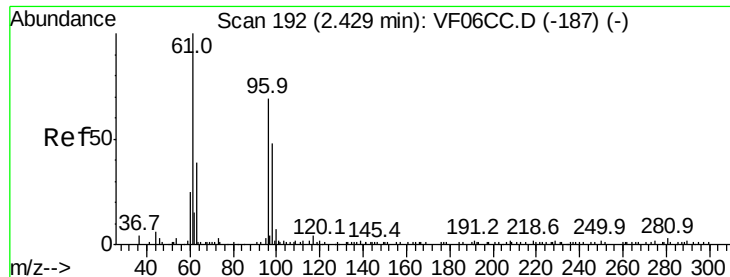
MMDadoda
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#20
Methylene Chloride
Concen: 59.257 ug/l m
RT: 2.35 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.0	82.6	123.8
51	36.6	25.0	37.4
86	64.5	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 52.750 ug/l

RT: 2.43 min Scan# 192

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 332368

Ion Ratio Lower Upper

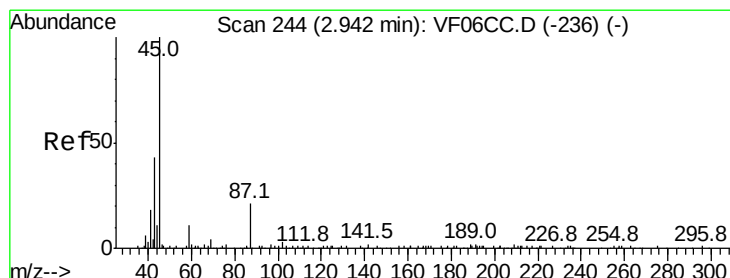
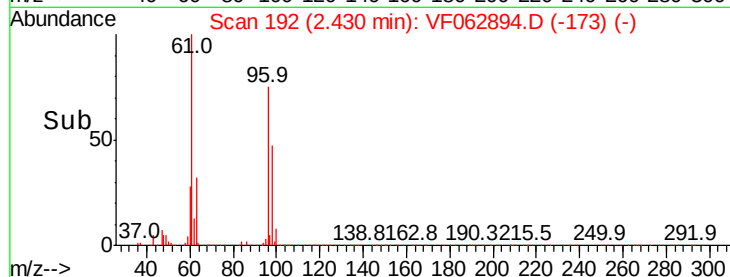
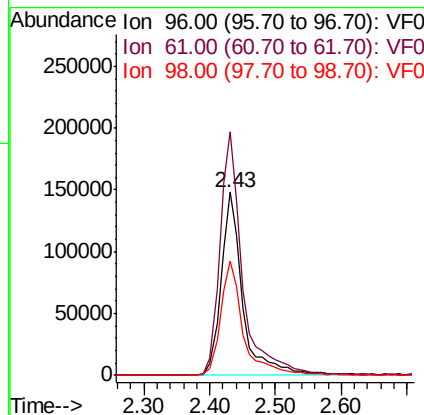
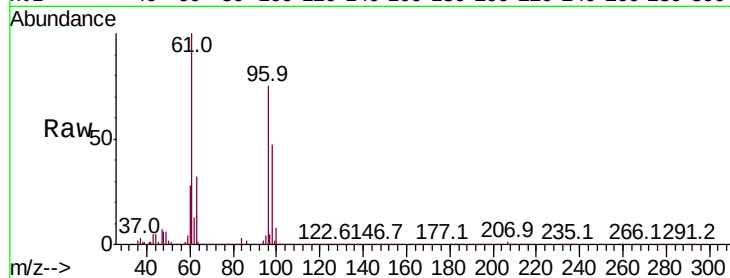
96 100

61 132.9 105.0 157.6

98 62.6 51.1 76.7

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#22

Diisopropyl ether

Concen: 54.645 ug/l

RT: 2.94 min Scan# 244

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion: 45 Resp: 756881

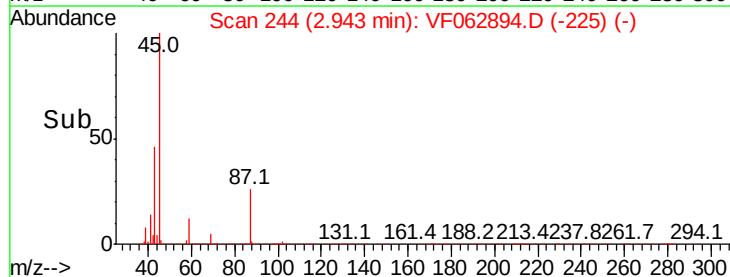
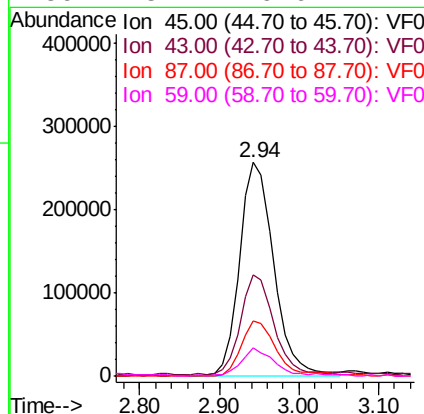
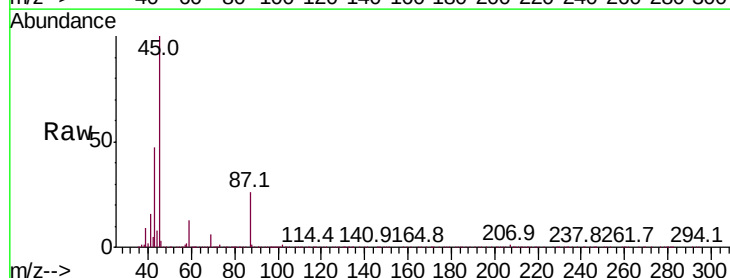
Ion Ratio Lower Upper

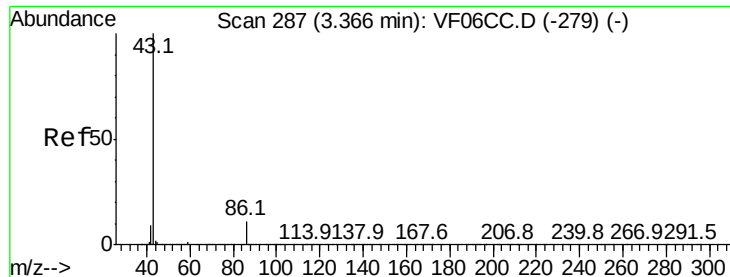
45 100

43 47.2 34.3 51.5

87 25.8 19.0 28.4

59 13.2 9.6 14.4





#23

Vinyl Acetate

Concen: 280.916 ug/l

RT: 3.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2663779

Ion Ratio Lower Upper

43 100

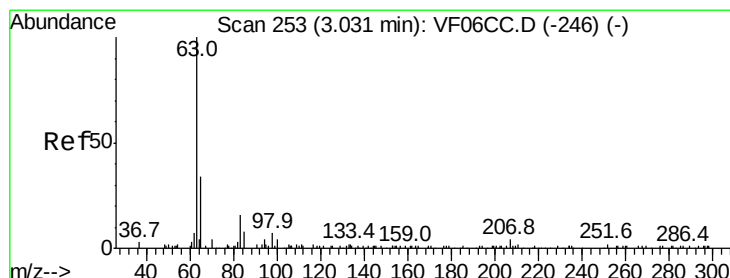
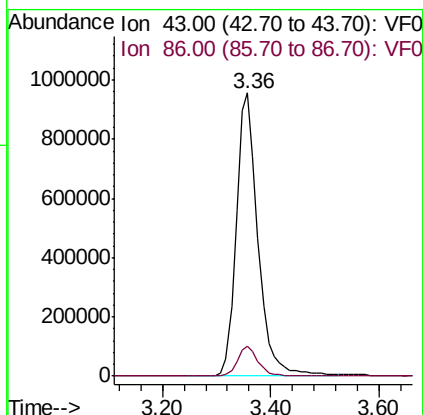
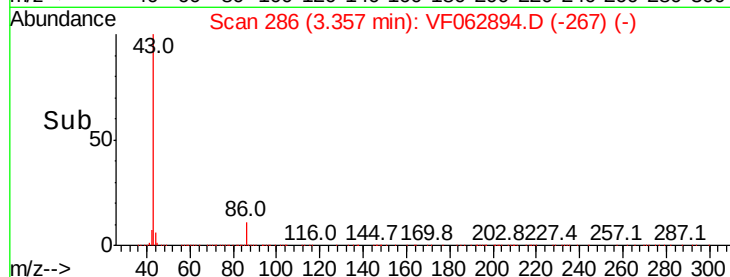
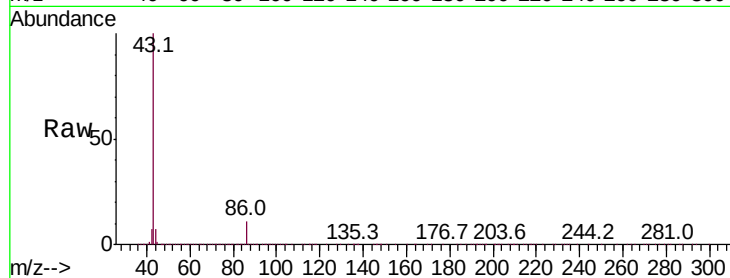
86 10.6 8.2 12.2

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#24

1,1-Dichloroethane

Concen: 55.861 ug/l

RT: 3.02 min Scan# 252

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

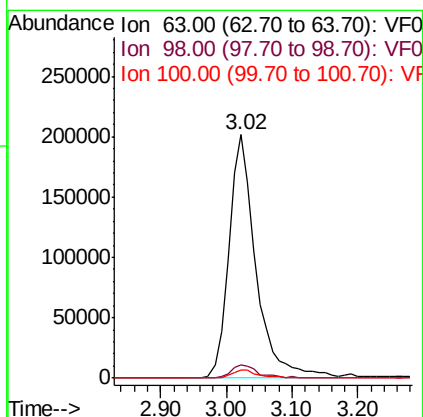
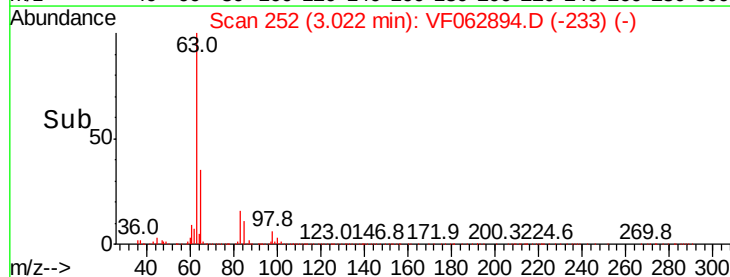
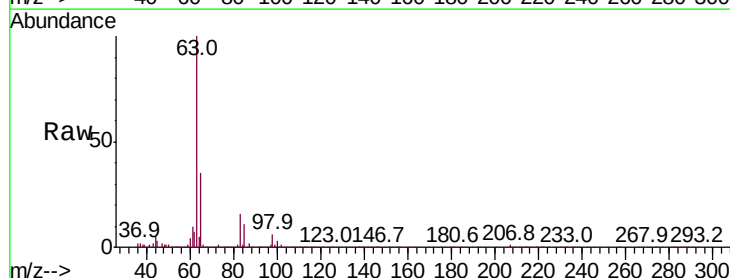
Tgt Ion: 63 Resp: 577698

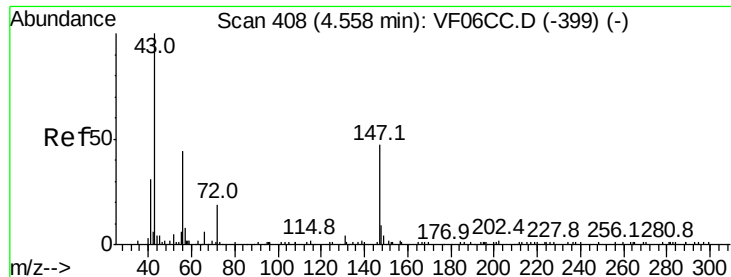
Ion Ratio Lower Upper

63 100

98 5.7 2.4 7.1

100 3.4 1.5 4.5





#25

2-Butanone

Concen: 278.121 ug/l

RT: 4.54 min Scan# 406

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 775186

Ion Ratio Lower Upper

43 100

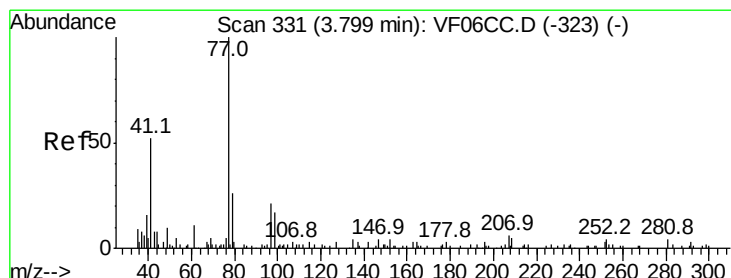
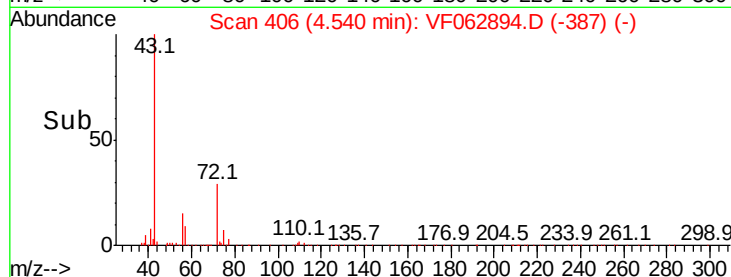
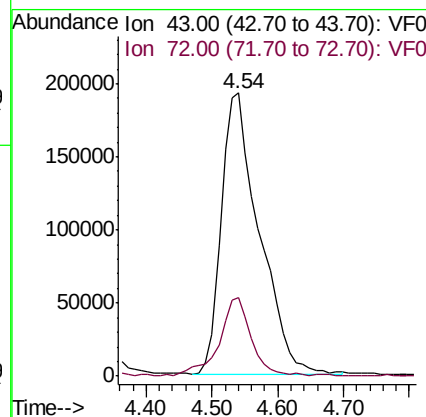
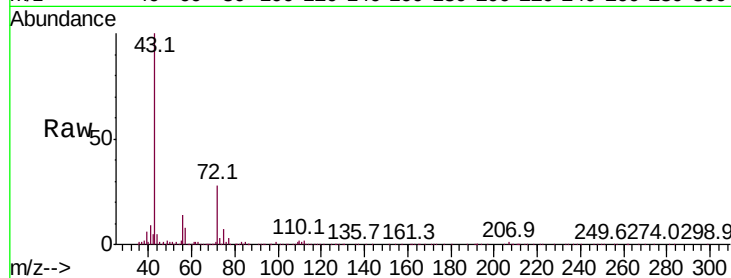
72 27.9 21.4 32.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 61.038 ug/l

RT: 3.79 min Scan# 330

Delta R.T. -0.01 min

Lab File: VF062894.D

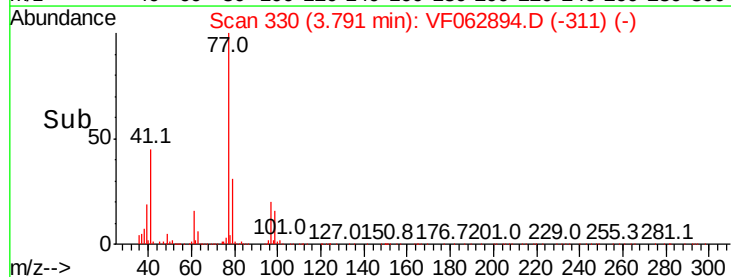
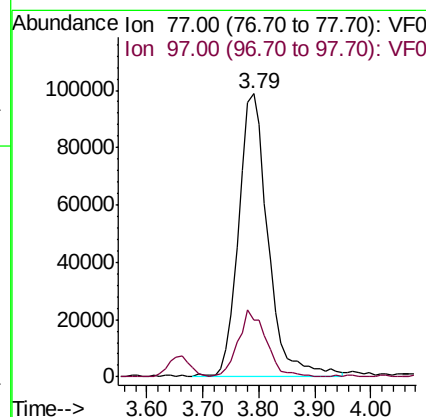
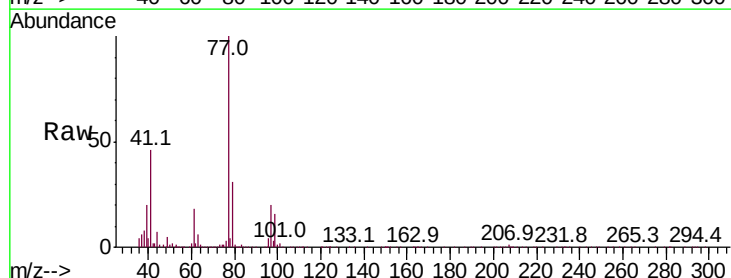
Acq: 7 Jun 2019 11:43

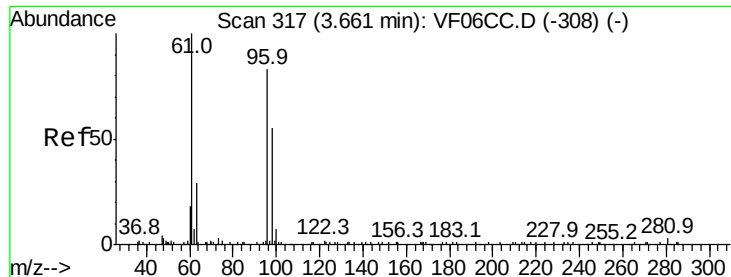
Tgt Ion: 77 Resp: 358416

Ion Ratio Lower Upper

77 100

97 20.0 12.4 37.4





#27

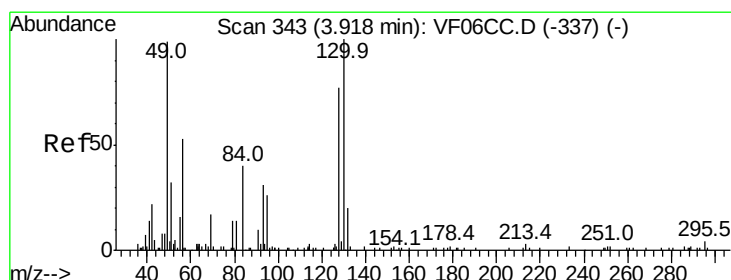
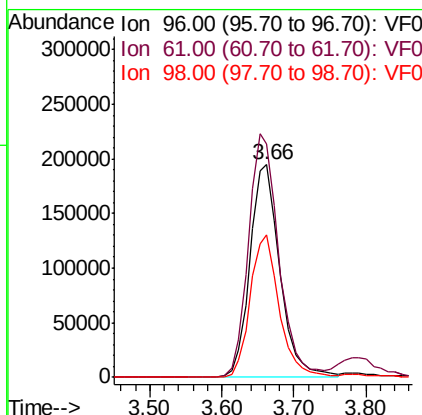
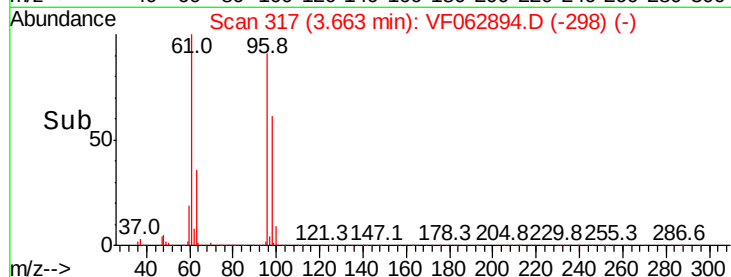
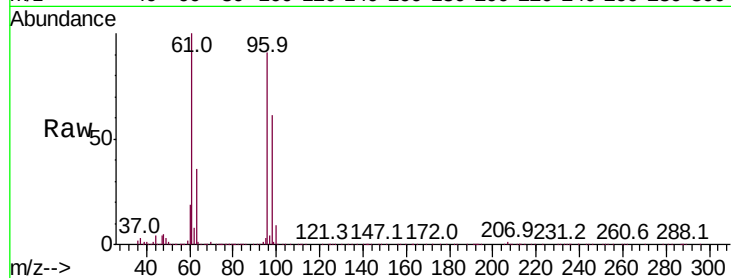
cis-1,2-Dichloroethene
Concen: 53.334 ug/l
RT: 3.66 min Scan# 317
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	564877		
61	109.7		0.0	213.8
98	67.0		0.0	127.0

Manual Integrations
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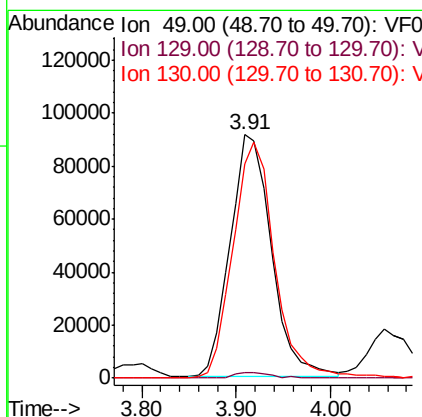
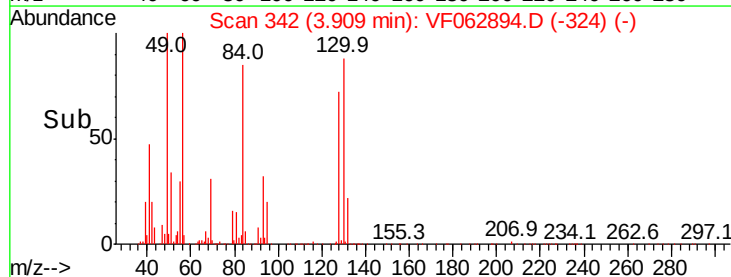
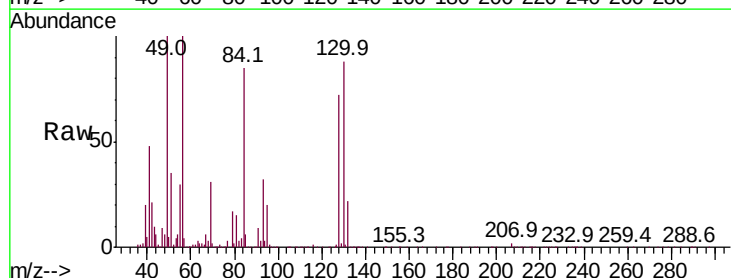
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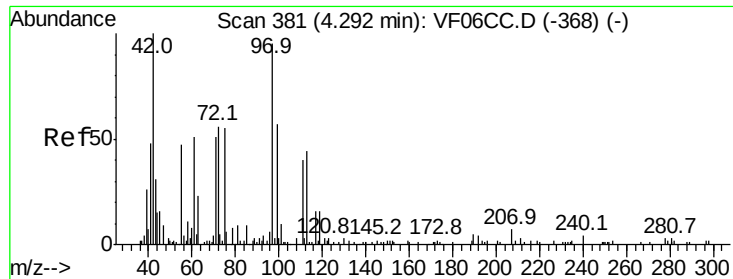


#28

Bromochloromethane
Concen: 49.249 ug/l
RT: 3.91 min Scan# 342
Delta R.T. -0.02 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	277042		
129	2.0		0.0	5.4
130	88.1		79.2	118.8





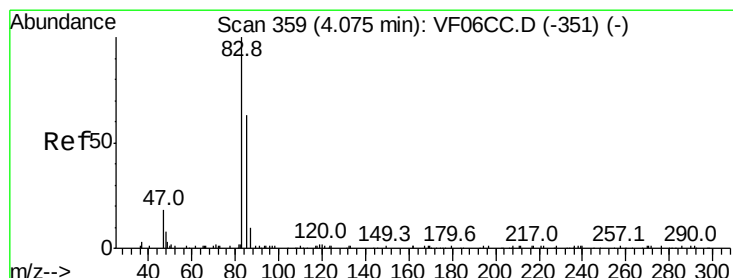
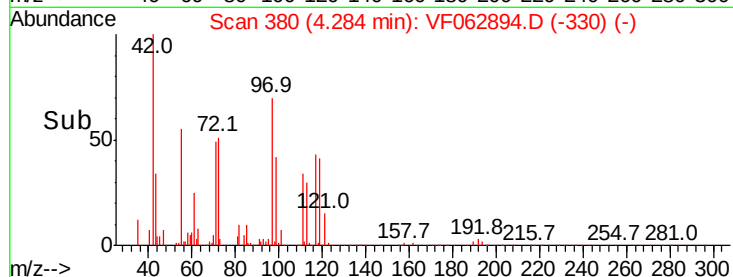
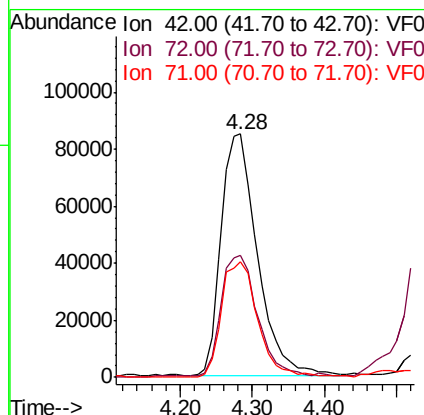
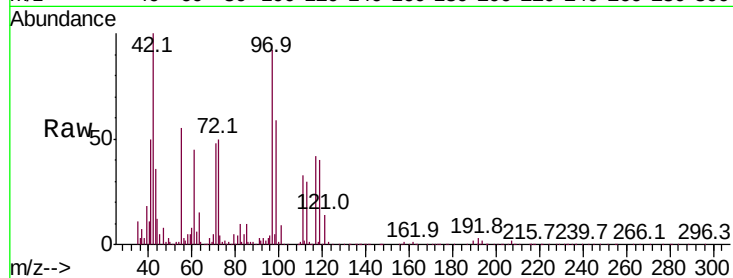
#29
Tetrahydrofuran
Concen: 277.000 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.4	39.0	58.6
71	47.6	36.9	55.3

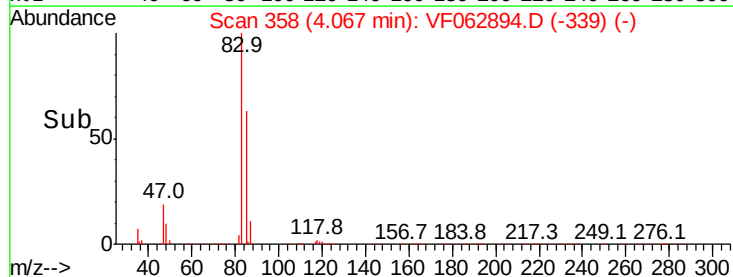
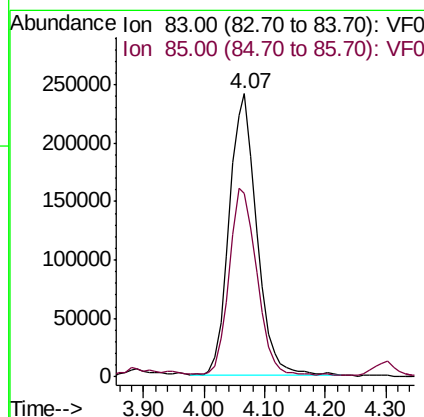
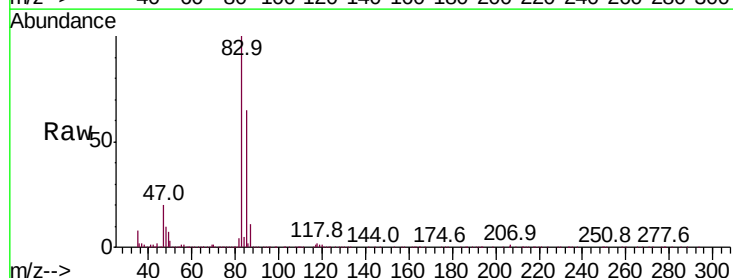
Manual Integrations
APPROVED

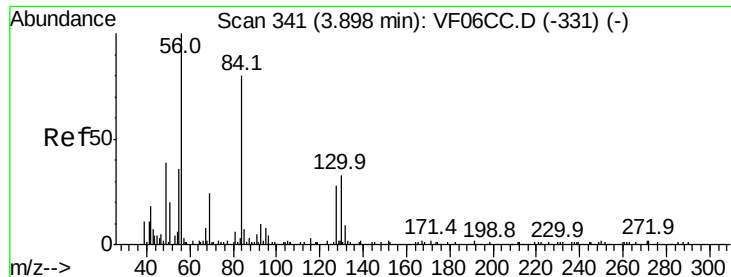
MMDadoda
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#30
Chloroform
Concen: 51.957 ug/l
RT: 4.07 min Scan# 358
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	55.0	82.6





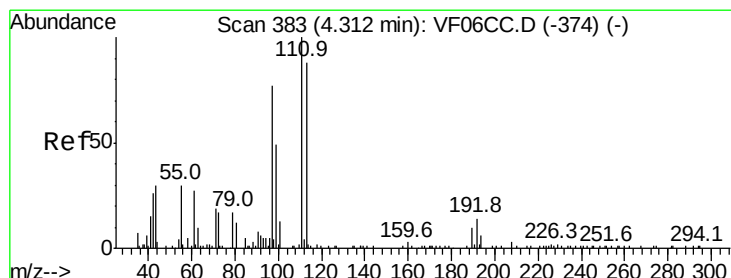
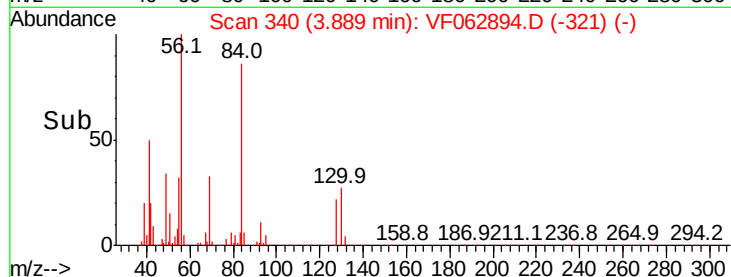
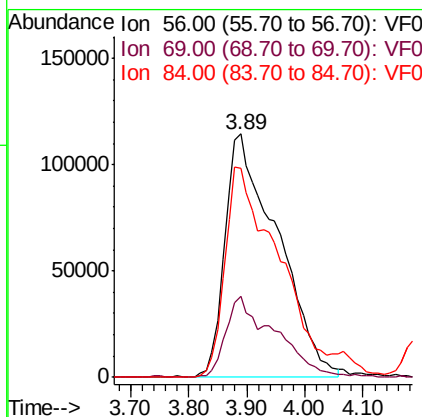
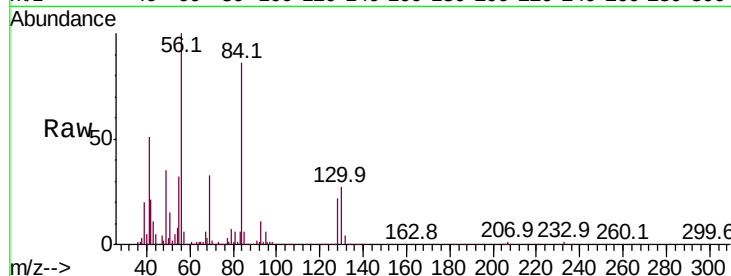
#31
Cyclohexane
Concen: 51.173 ug/l
RT: 3.89 min Scan# 340
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	26.7	40.1
84	85.8	74.3	111.5

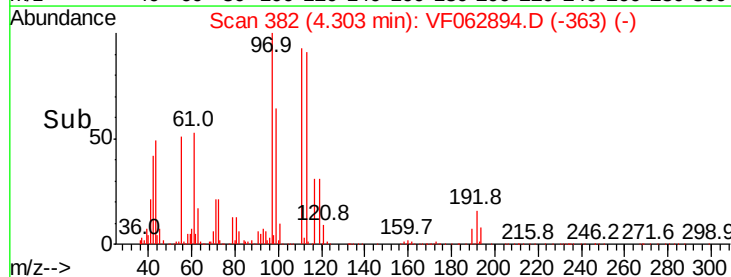
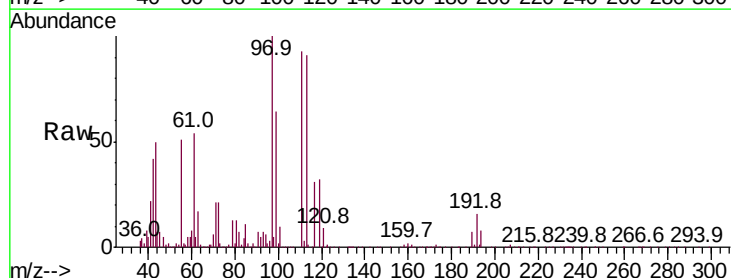
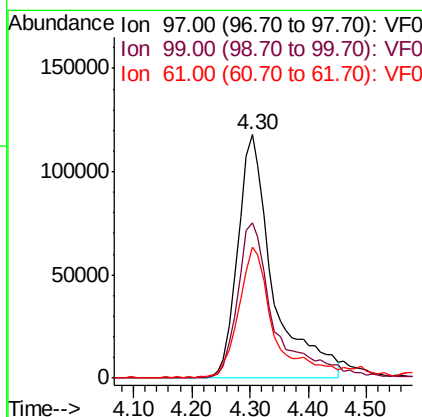
Manual Integrations
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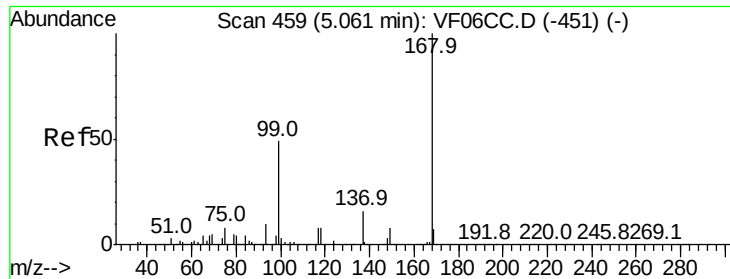
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#32
1,1,1-Trichloroethane
Concen: 59.026 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.7	77.5
61	53.7	38.9	58.3





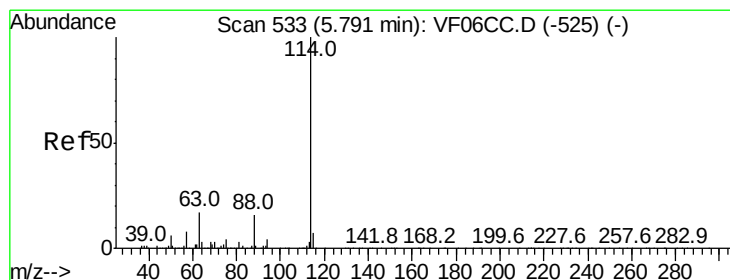
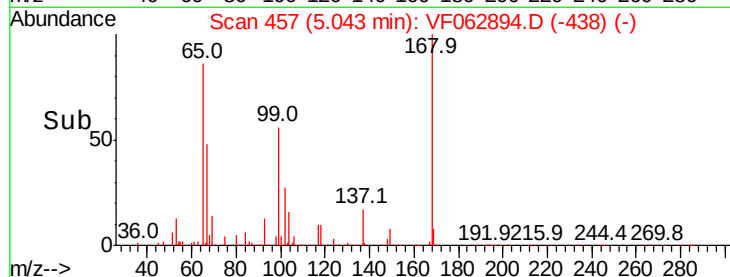
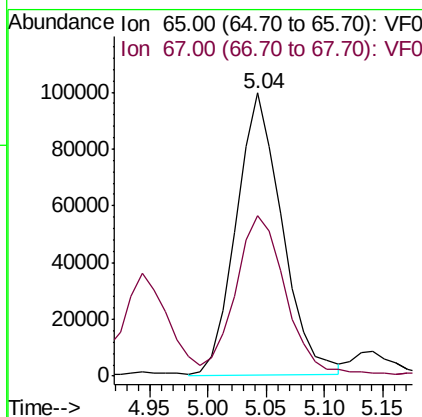
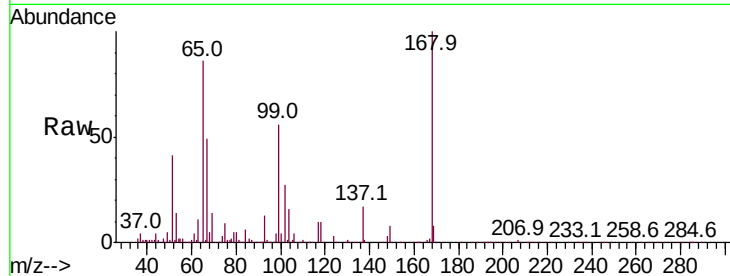
#33
 1,2-Dichloroethane-d4
 Concen: 52.036 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	272111		
67	56.7	0.0	121.2	

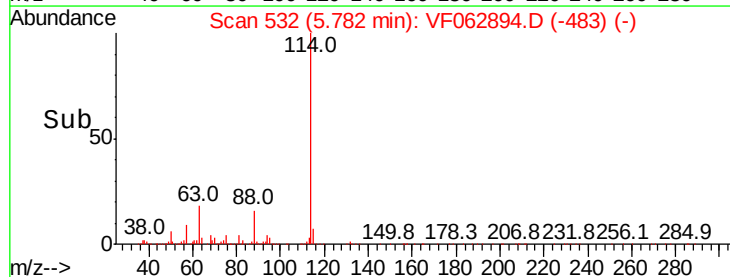
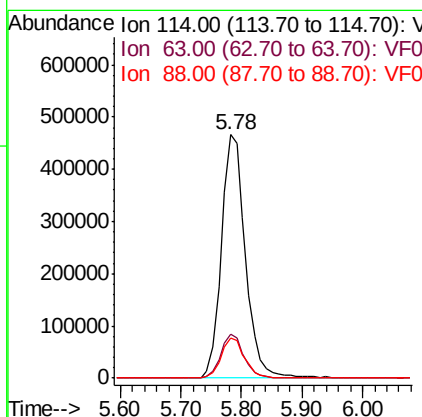
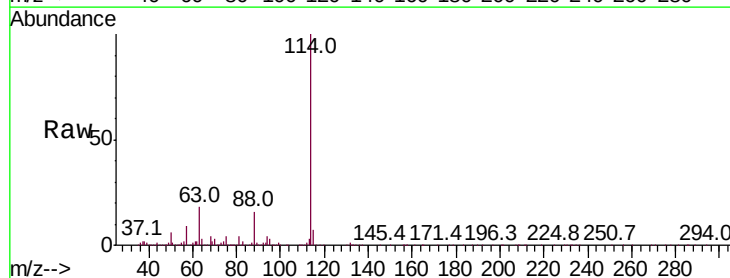
Manual Integrations
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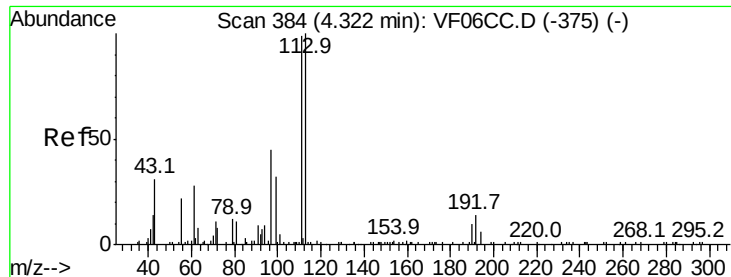
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1280405		
63	18.0	0.0	34.2	
88	16.2	0.0	31.2	





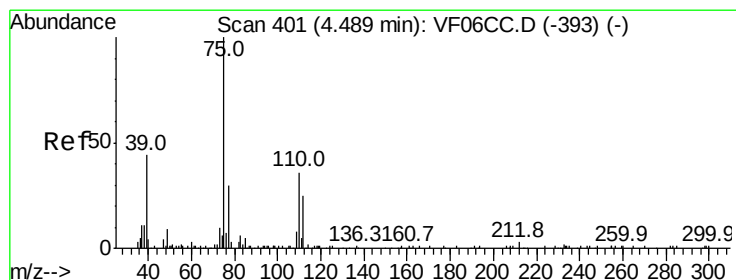
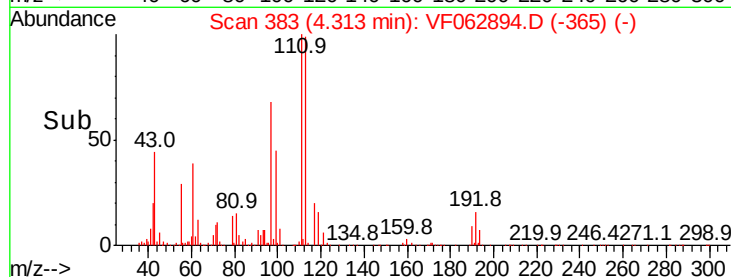
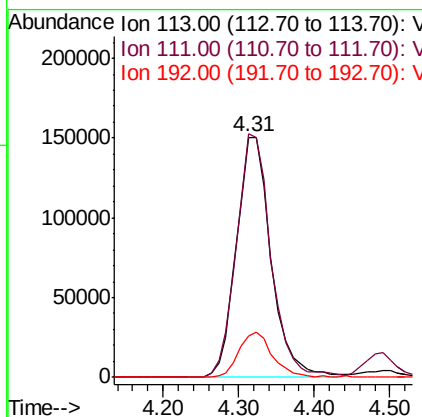
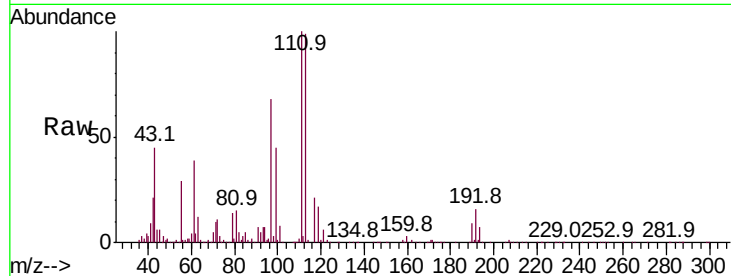
#35
 Dibromofluoromethane
 Concen: 49.403 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. -0.02 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	17.2	15.1	22.7

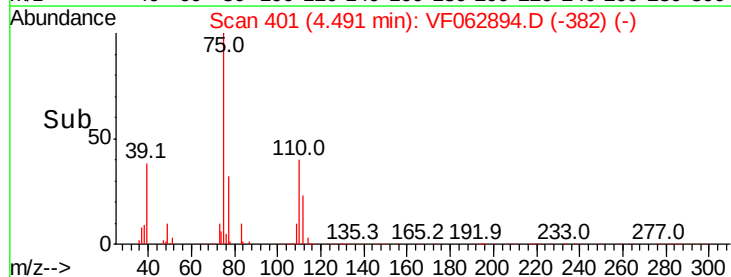
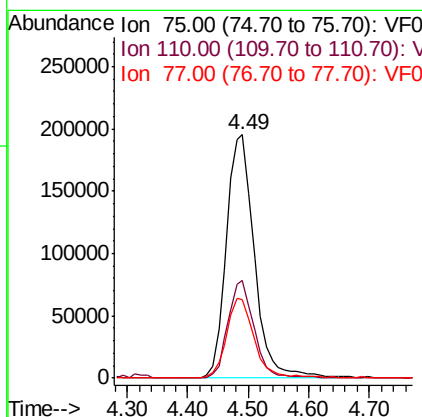
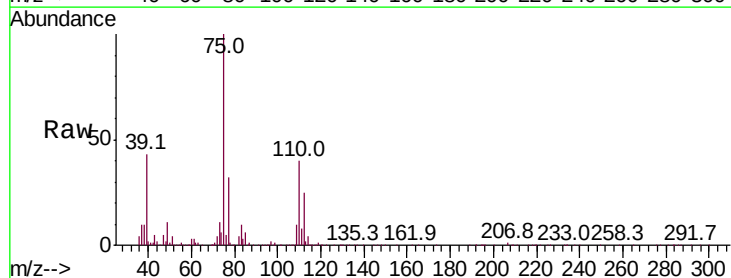
Manual Integrations
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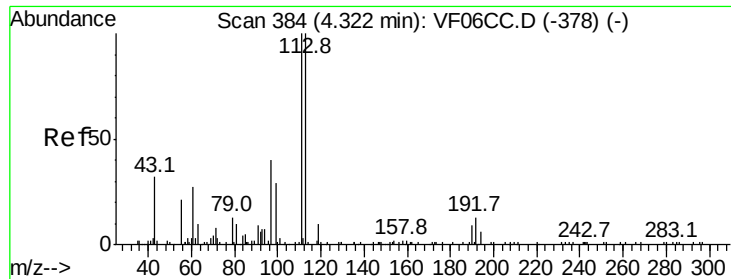
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#36
 1,1-Dichloropropene
 Concen: 53.126 ug/l
 RT: 4.49 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.1	19.4	58.1
77	32.3	25.4	38.2





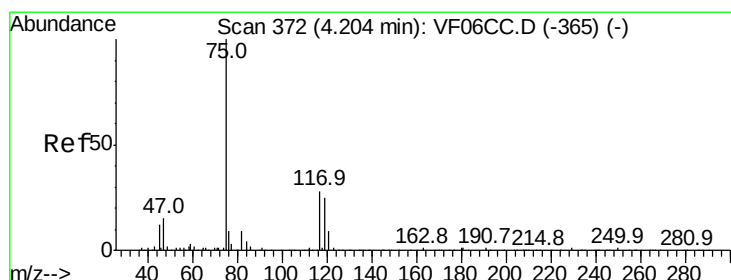
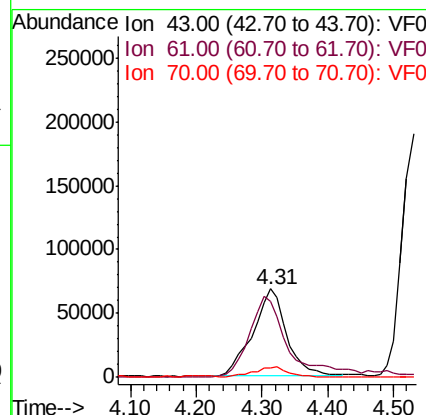
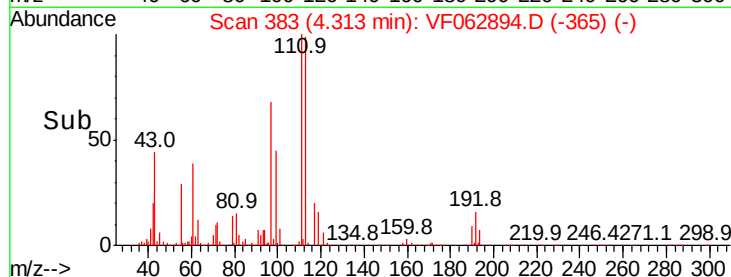
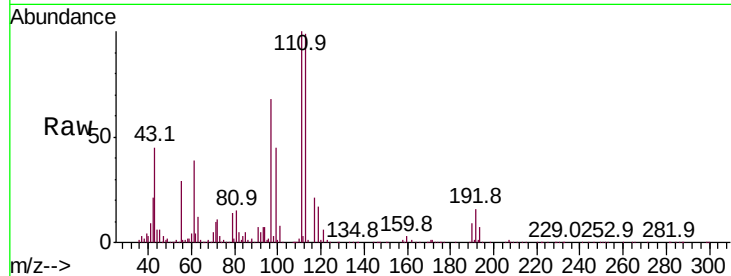
#37
Ethyl Acetate
Concen: 54.613 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.02 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	86.2	59.1	88.7
70	10.3	10.1	15.1

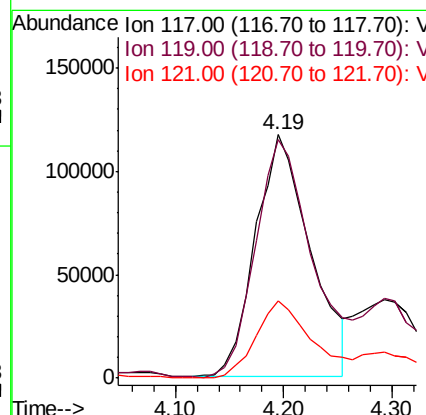
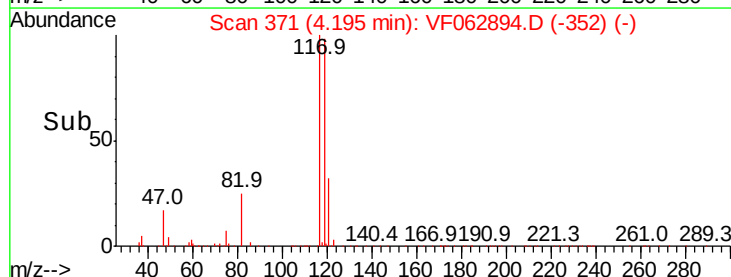
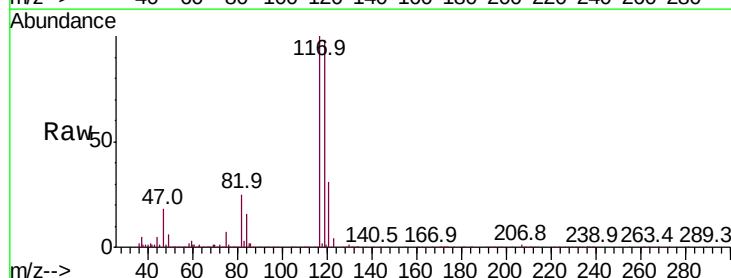
Manual Integrations
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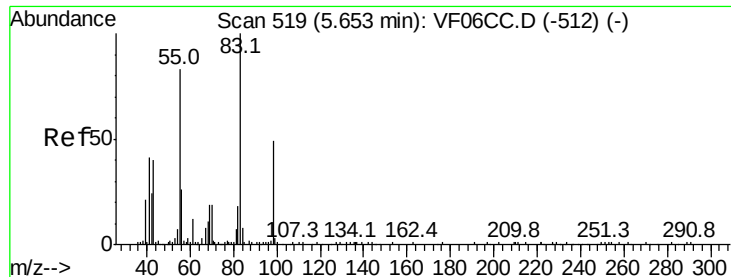
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#38
Carbon Tetrachloride
Concen: 52.166 ug/l
RT: 4.19 min Scan# 371
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.2	117.2
121	31.5	28.2	42.2





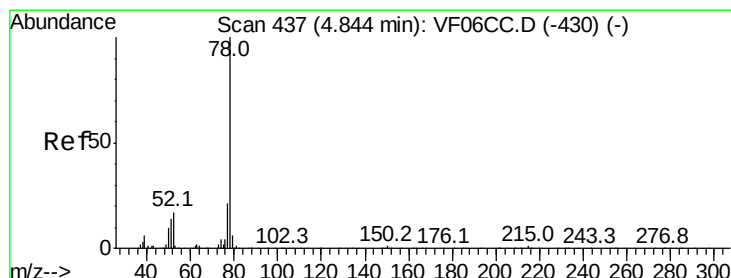
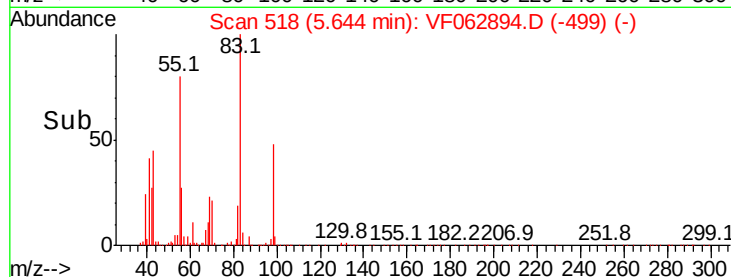
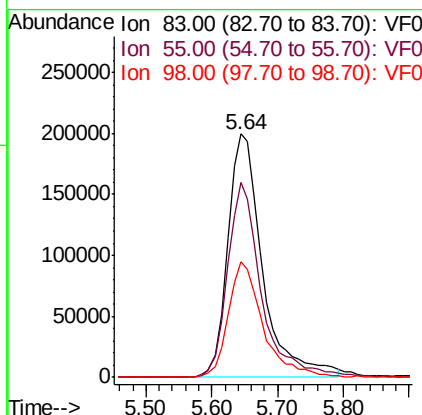
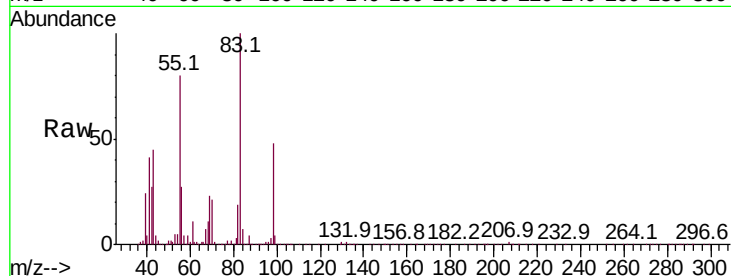
#39
Methylcyclohexane
Concen: 50.503 ug/l
RT: 5.64 min Scan# 518
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.8	61.6	92.4
98	47.7	37.4	56.2

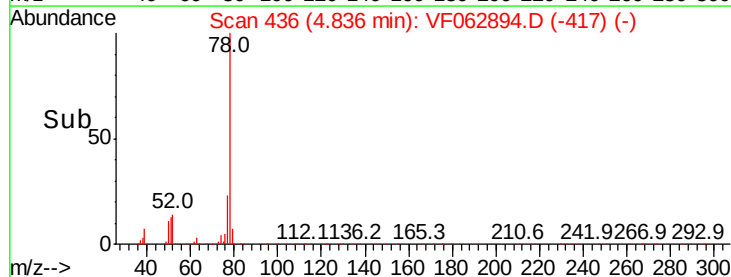
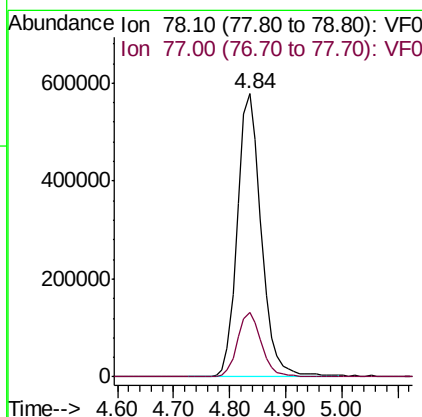
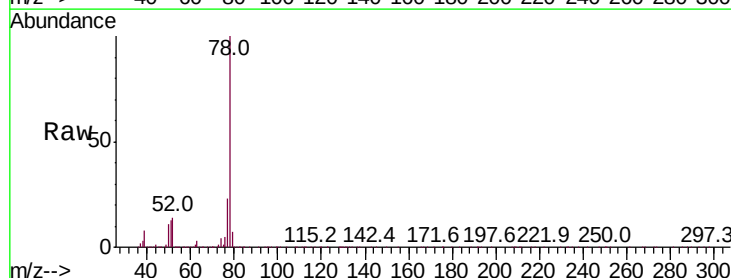
Manual Integrations
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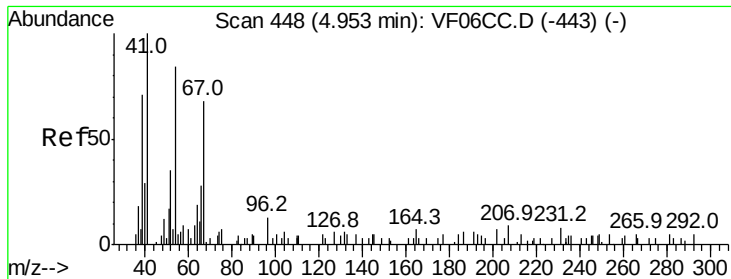
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#40
Benzene
Concen: 49.982 ug/l
RT: 4.84 min Scan# 436
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.9	28.3





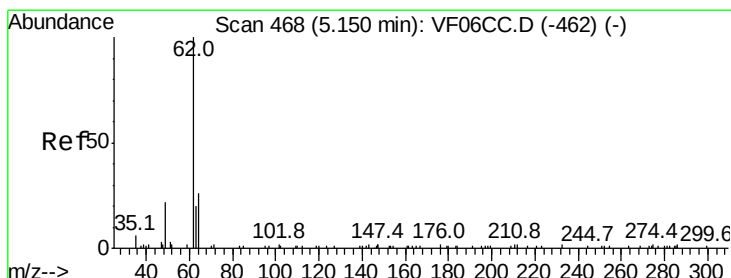
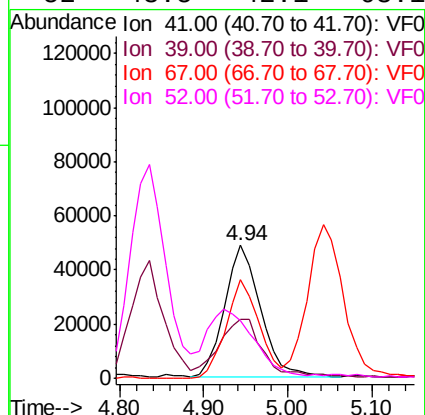
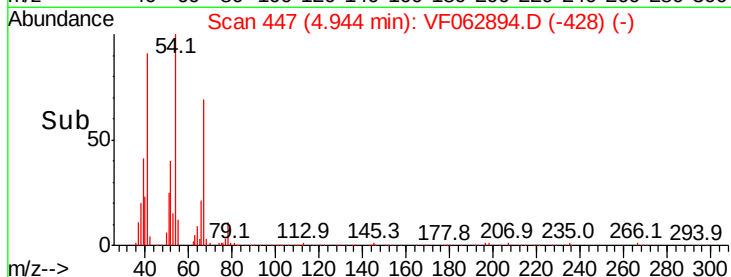
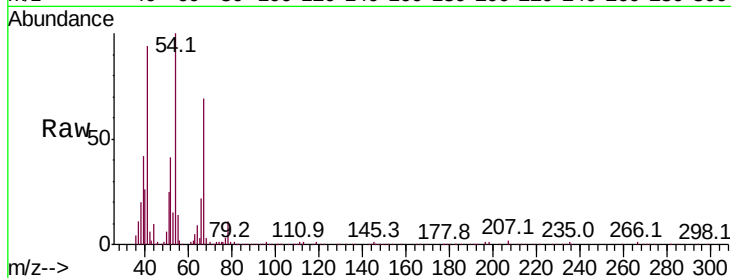
#41
Methacrylonitrile
Concen: 57.157 ug/l
RT: 4.94 min Scan# 447
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	44.8	42.0	63.0	
67	74.0	61.4	92.0	
52	43.5	42.1	63.1	

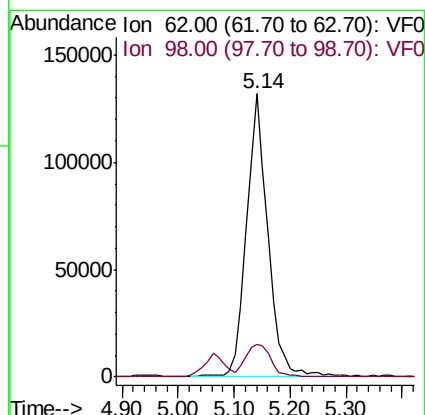
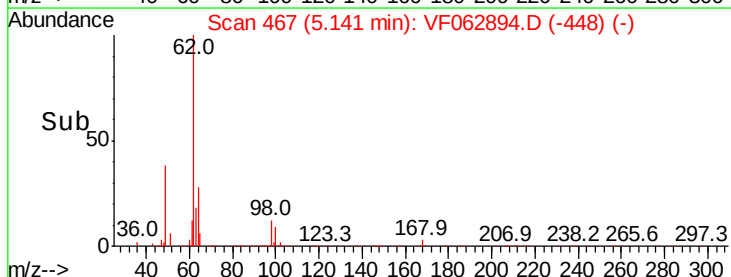
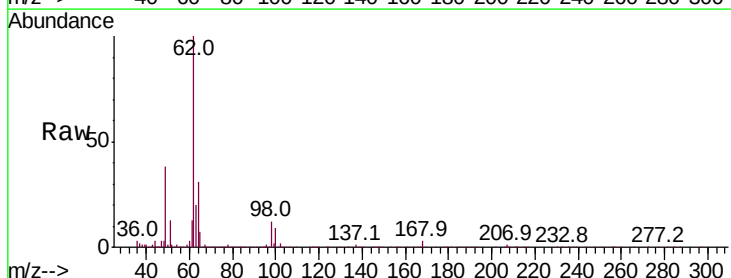
Manual Integrations
APPROVED

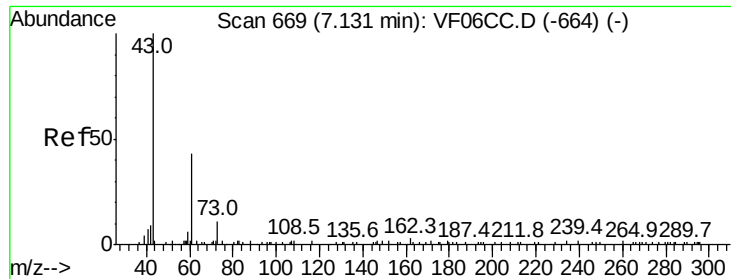
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#42
1,2-Dichloroethane
Concen: 53.730 ug/l
RT: 5.14 min Scan# 467
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.6	0.0	24.0	





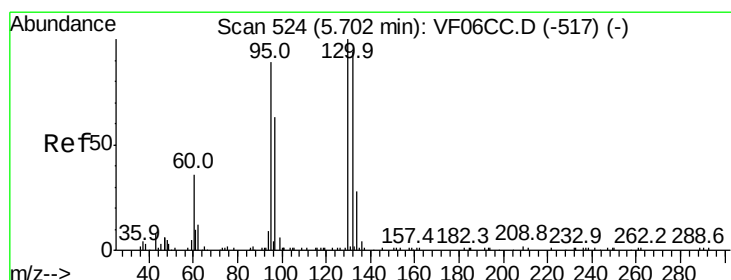
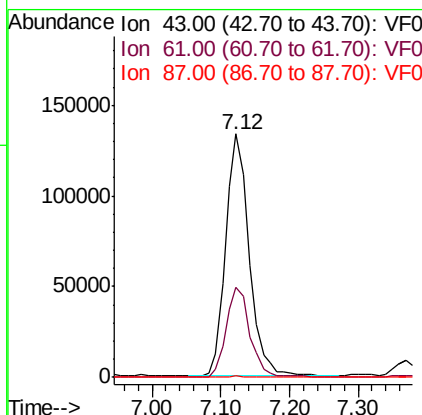
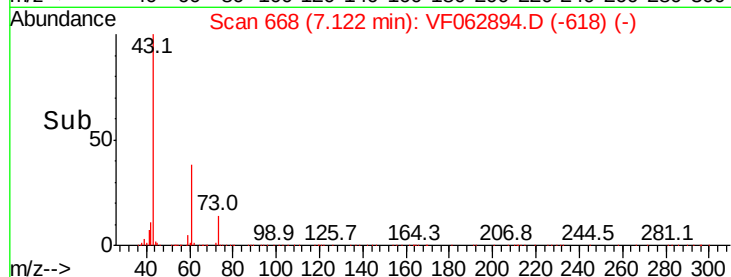
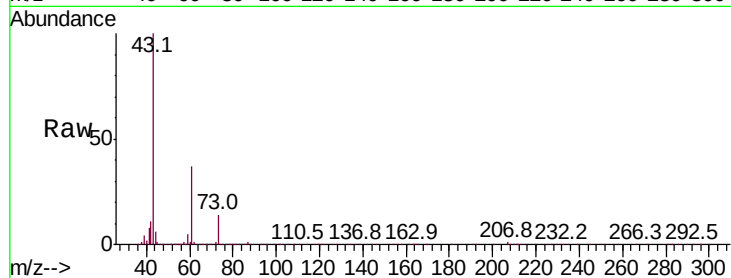
#43
Isopropyl Acetate
Concen: 52.778 ug/l
RT: 7.12 min Scan# 668
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	37.2	29.8	44.6
87	0.5	0.3	0.5

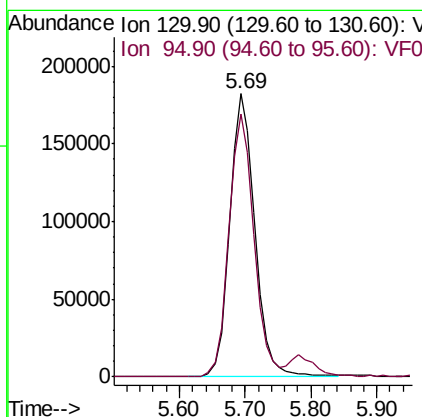
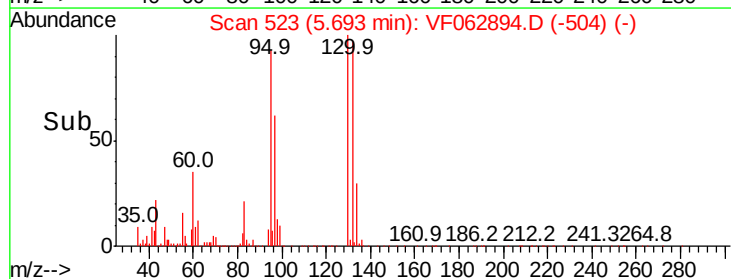
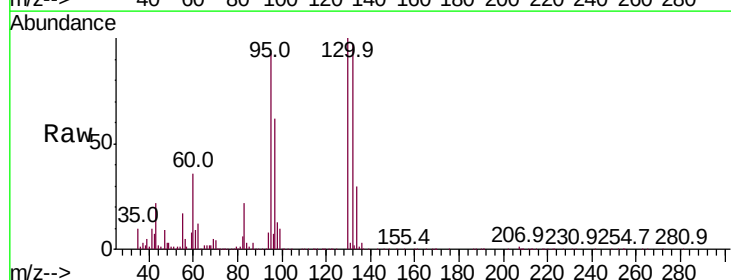
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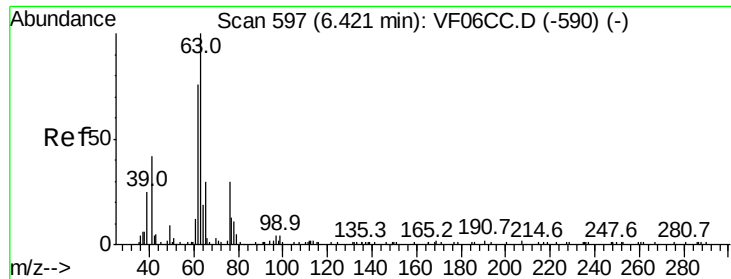
MMDadoda
6/10/2019 12:25:27 PM



#44
Trichloroethene
Concen: 50.623 ug/l
RT: 5.69 min Scan# 523
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	188.2





#45

1,2-Dichloropropane

Concen: 52.029 ug/l

RT: 6.42 min Scan# 597

Delta R.T. -0.01 min

Lab File: VF062894.D

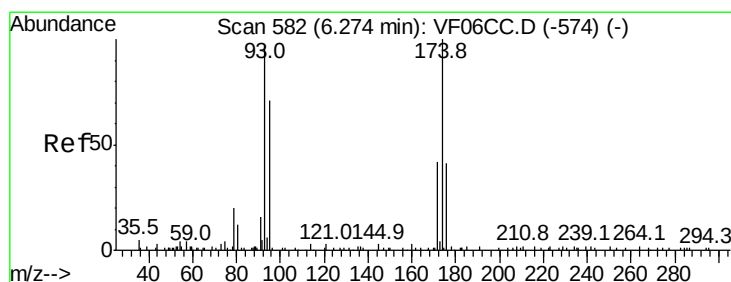
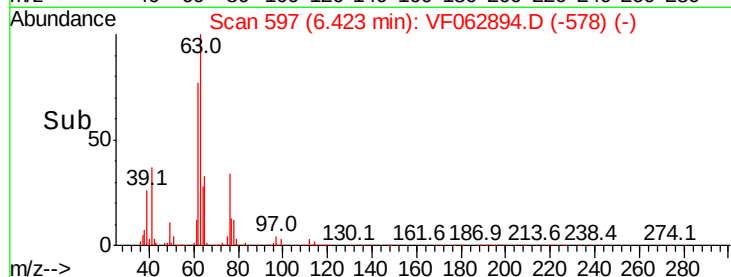
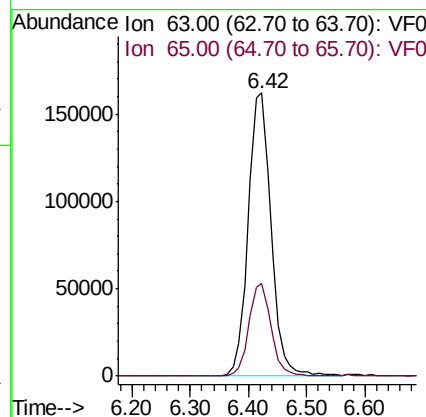
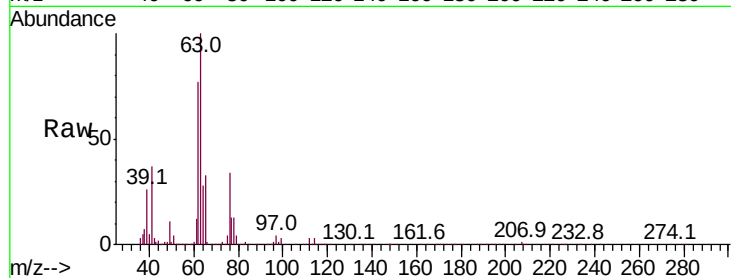
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	24.2	36.2

Manual Integrations
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#46

Dibromomethane

Concen: 53.701 ug/l

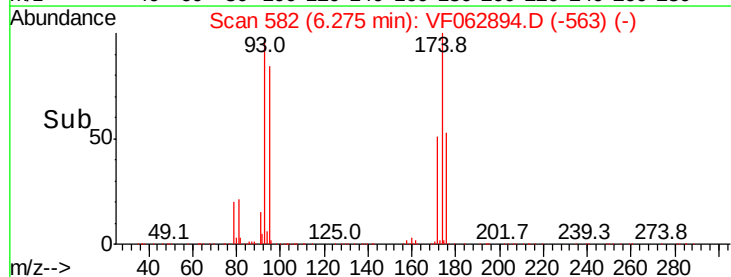
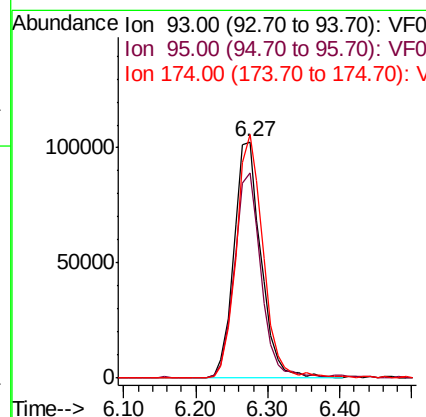
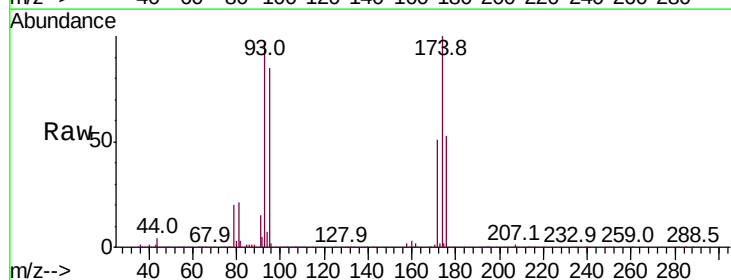
RT: 6.27 min Scan# 582

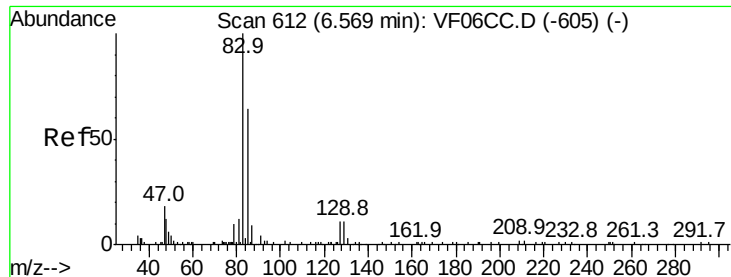
Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	87.0	67.9	101.9
174	103.0	85.0	127.4





#47

Bromodichloromethane

Concen: 53.006 ug/l

RT: 6.56 min Scan# 611

Delta R.T. -0.02 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

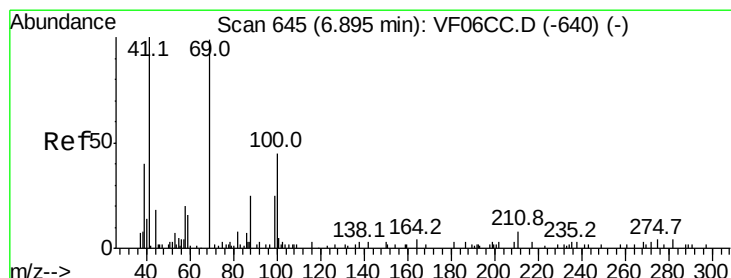
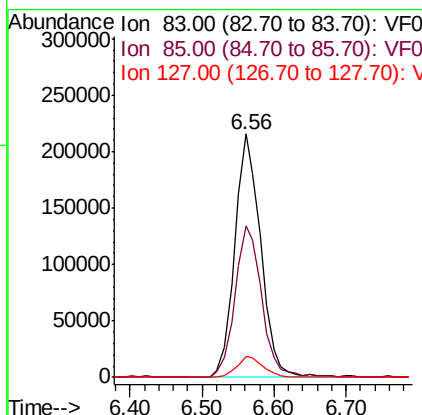
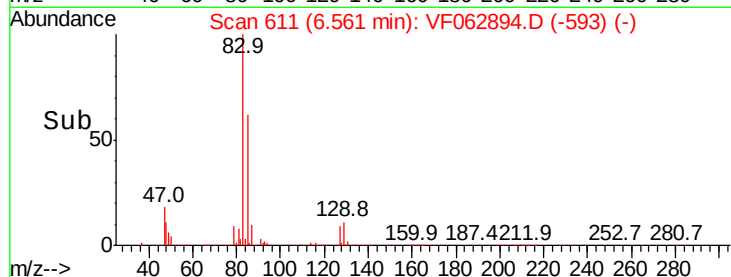
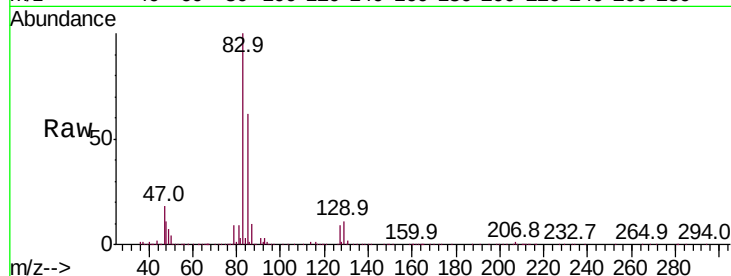
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	542579
Ion Ratio	Lower	Upper	
83	100		
85	62.3	54.2	81.4
127	8.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.620 ug/l

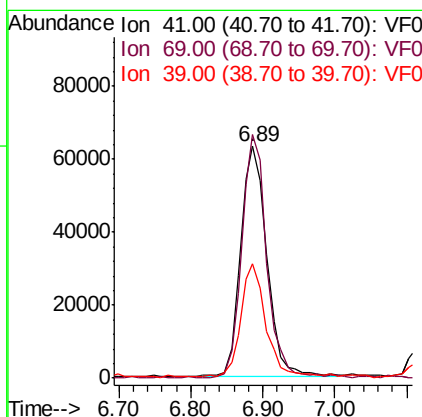
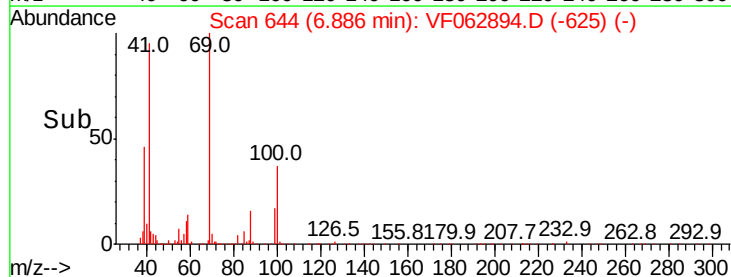
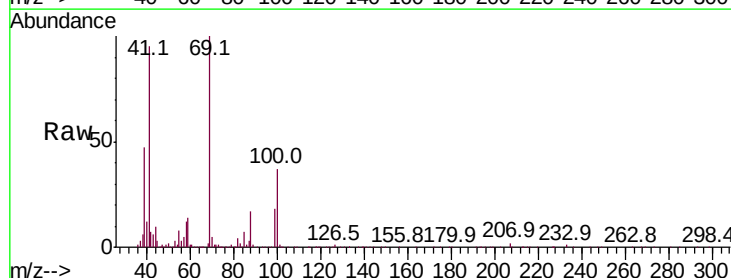
RT: 6.89 min Scan# 644

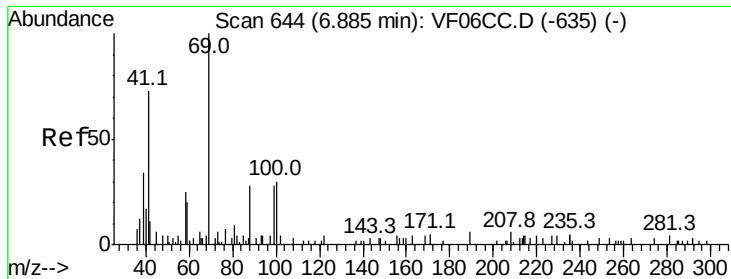
Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion:	41	Resp:	161416
Ion Ratio	Lower	Upper	
41	100		
69	105.0	79.4	119.2
39	49.3	39.8	59.6





#49

1,4-Dioxane

Concen: 1053.631 ug/l

RT: 6.88 min Scan# 643

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

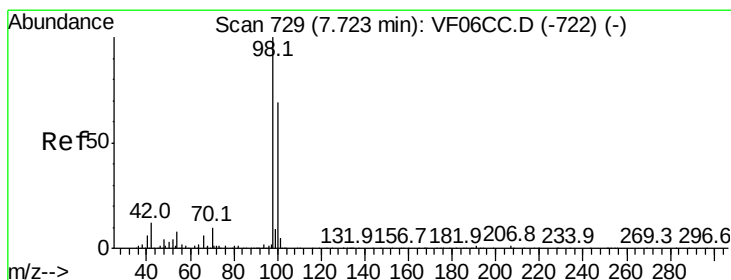
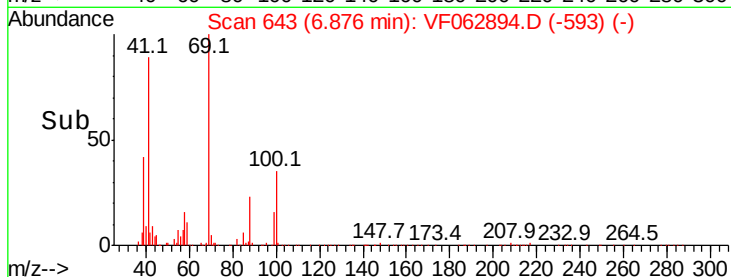
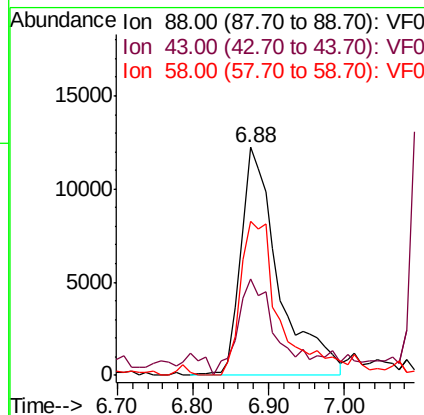
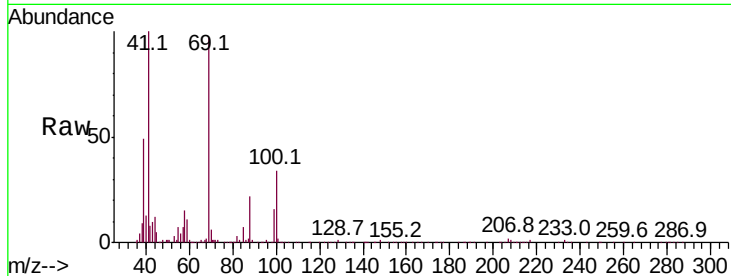
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	42603
Ion Ratio	Lower	Upper	
88	100		
43	42.5	34.8	52.2
58	67.8	59.9	89.9

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#50

Toluene-d8

Concen: 50.002 ug/l

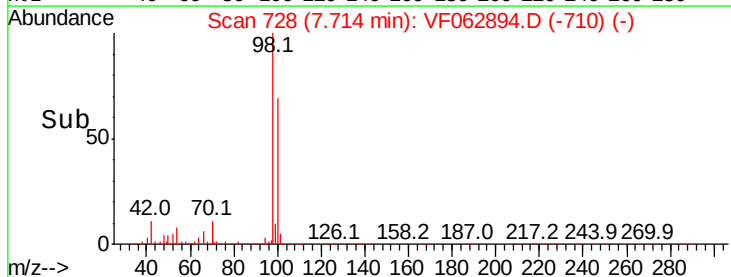
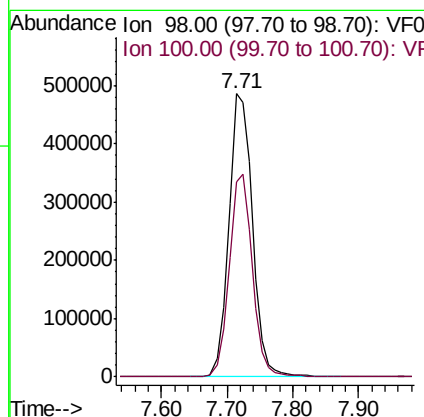
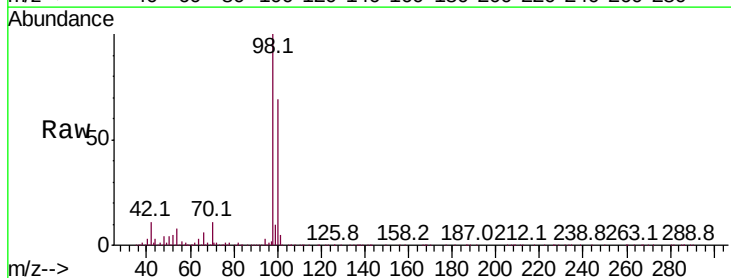
RT: 7.71 min Scan# 728

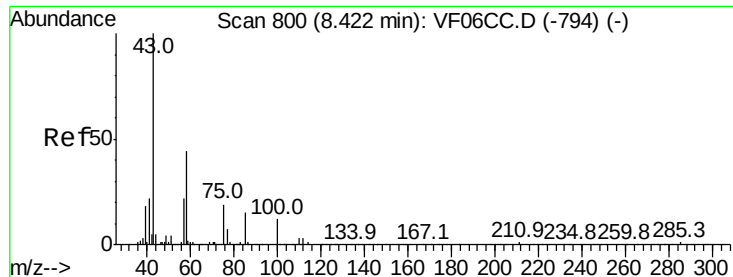
Delta R.T. -0.02 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion:	98	Resp:	1223388
Ion Ratio	Lower	Upper	
98	100		
100	68.7	59.8	89.8





#51

4-Methyl-2-Pentanone

Concen: 303.360 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1289152

Ion Ratio Lower Upper

43 100

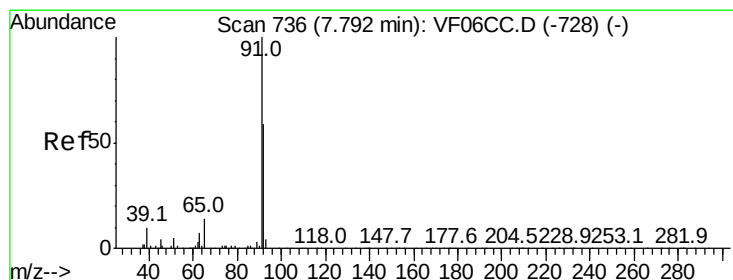
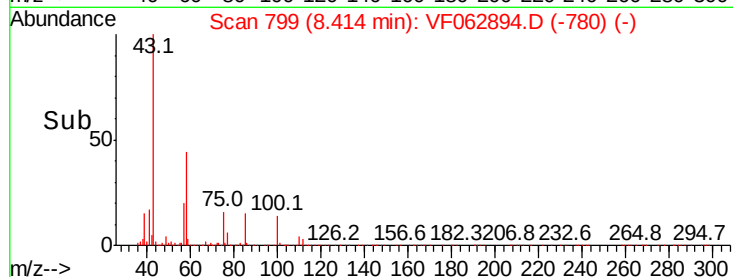
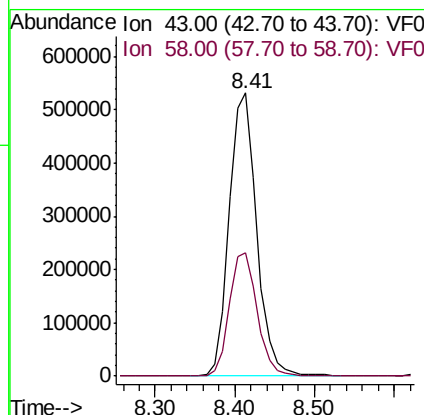
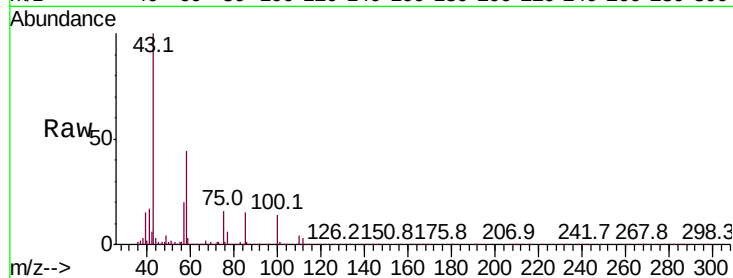
58 43.7 35.5 53.3

Manual Integrations

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#52

Toluene

Concen: 54.933 ug/l

RT: 7.79 min Scan# 736

Delta R.T. -0.01 min

Lab File: VF062894.D

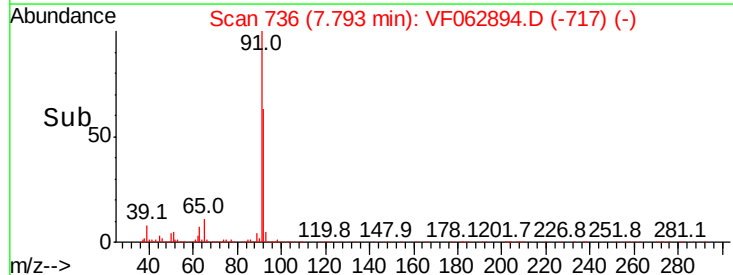
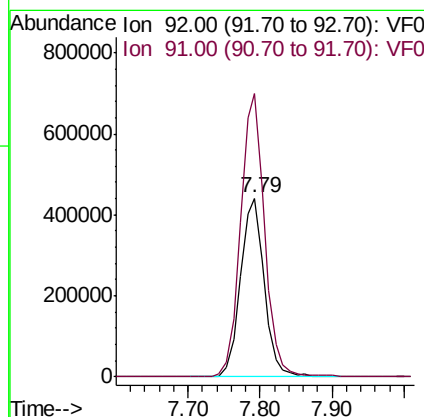
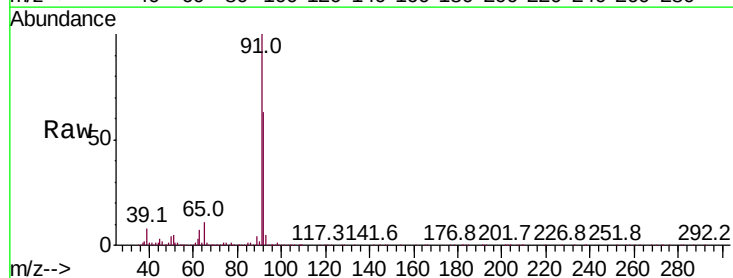
Acq: 7 Jun 2019 11:43

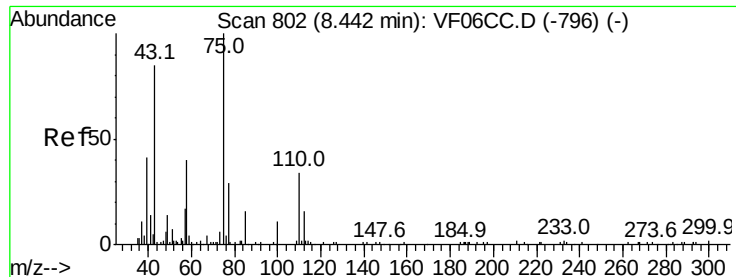
Tgt Ion: 92 Resp: 1015002

Ion Ratio Lower Upper

92 100

91 158.4 123.2 184.8





#53

t-1,3-Dichloropropene

Concen: 55.884 ug/l

RT: 8.43 min Scan# 801

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 474014

Ion Ratio Lower Upper

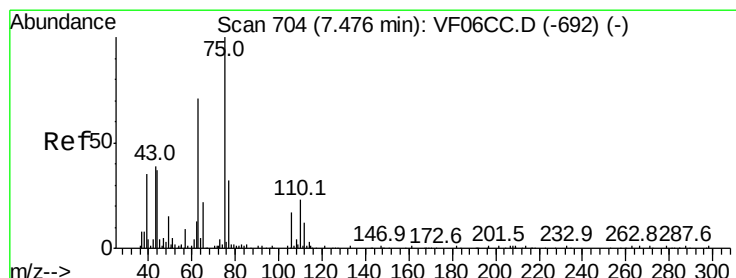
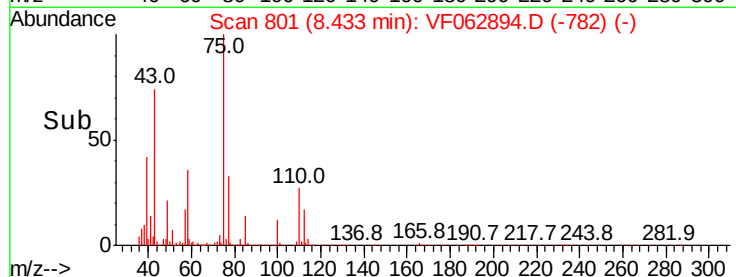
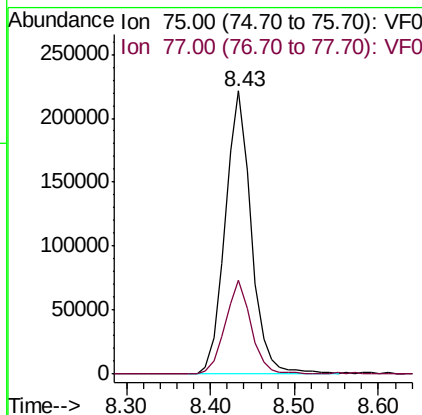
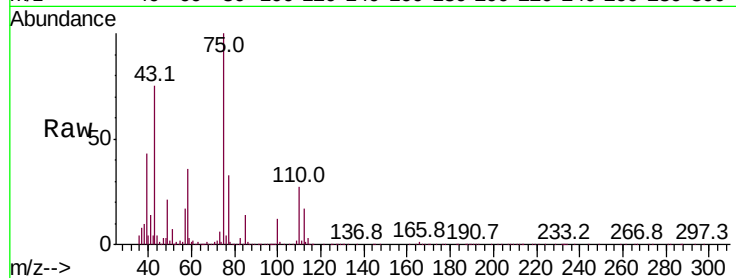
75 100

77 33.1 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 51.760 ug/l

RT: 7.47 min Scan# 703

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

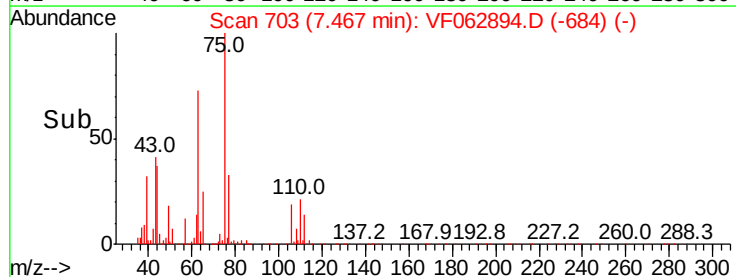
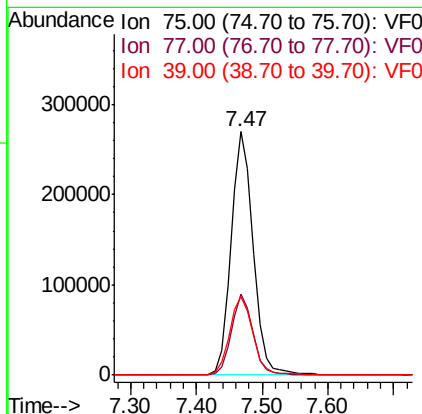
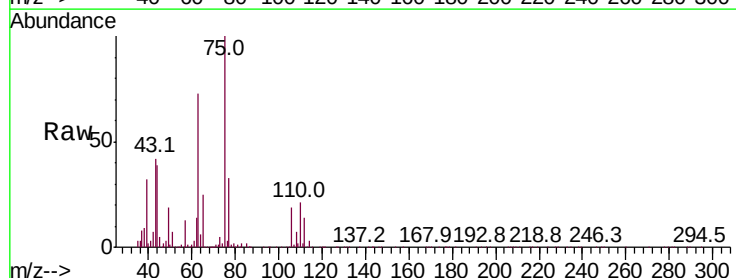
Tgt Ion: 75 Resp: 635518

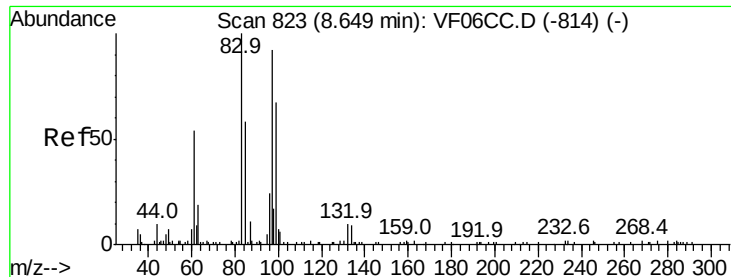
Ion Ratio Lower Upper

75 100

77 33.4 25.8 38.8

39 32.5 28.4 42.6





#55

1,1,2-Trichloroethane

Concen: 56.985 ug/l

RT: 8.64 min Scan# 822

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 314558

Ion Ratio Lower Upper

97 100

83 89.3 72.0 108.0

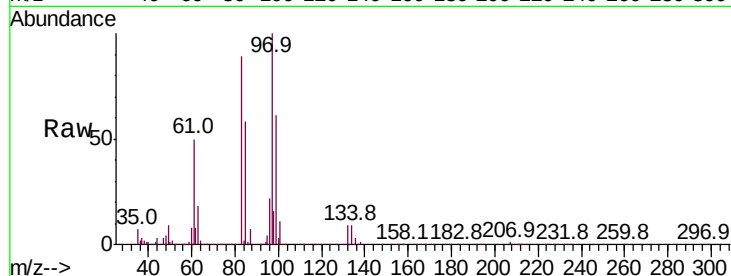
85 57.7 47.5 71.3

99 61.3 54.1 81.1

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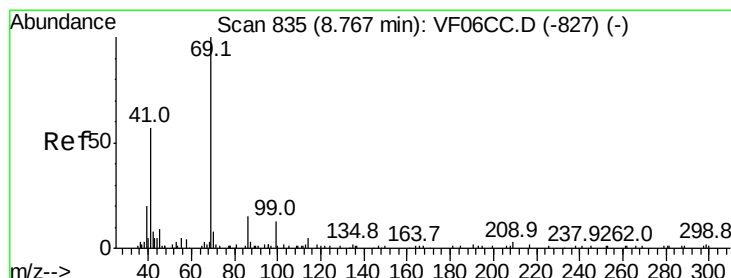
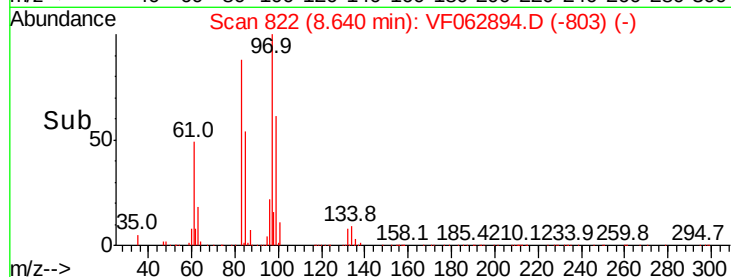
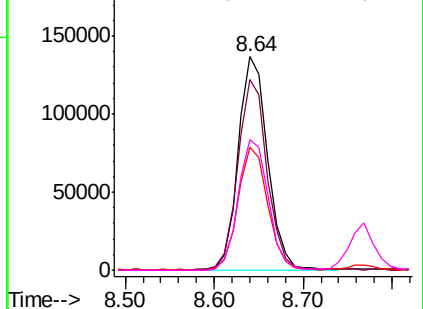


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 59.855 ug/l

RT: 8.76 min Scan# 834

Delta R.T. -0.02 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

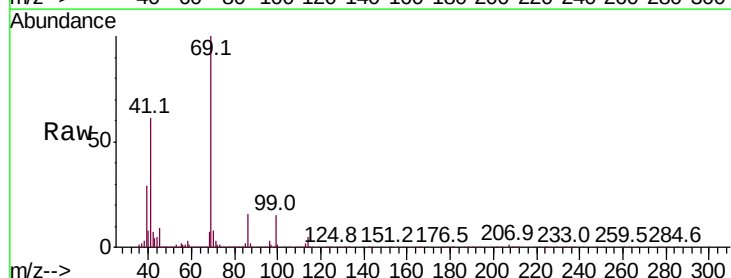
Tgt Ion: 69 Resp: 354511

Ion Ratio Lower Upper

69 100

41 60.8 46.6 69.8

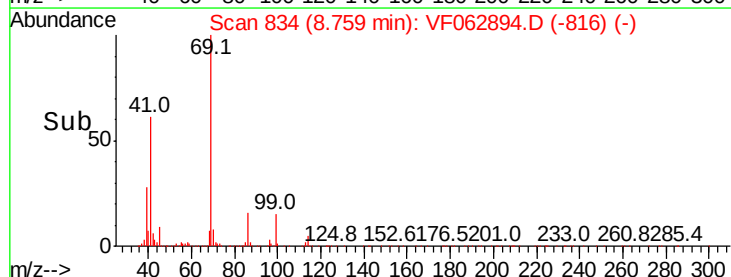
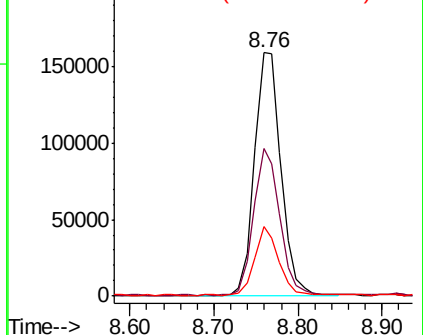
39 28.8 19.6 29.4

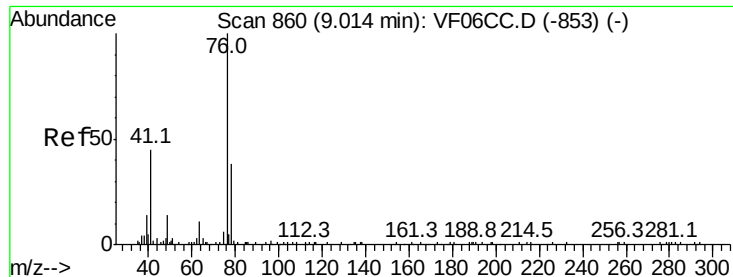


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 57.543 ug/l

RT: 9.01 min Scan# 859

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 518714

Ion Ratio Lower Upper

76 100

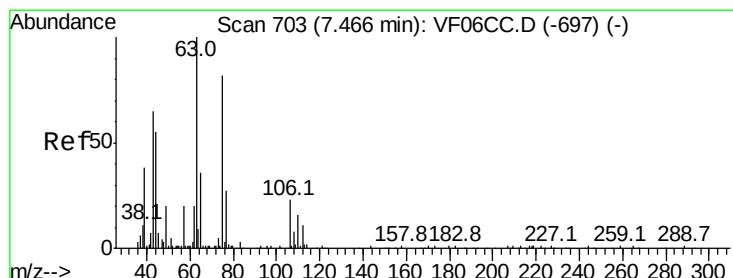
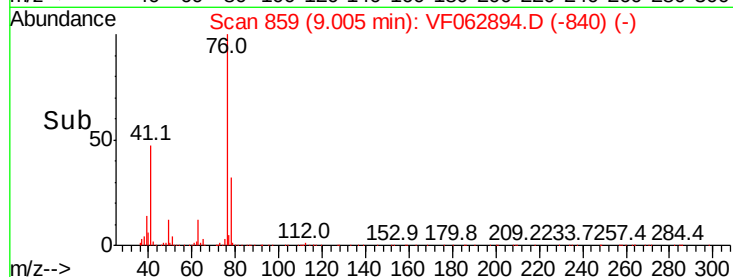
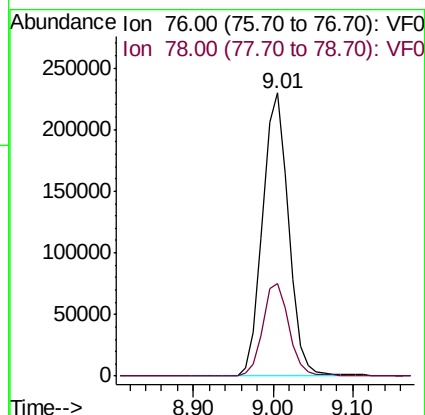
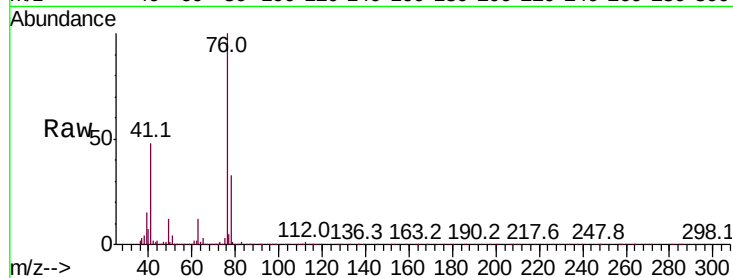
78 32.6 26.8 40.2

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#58

2-Chloroethyl Vinyl ether

Concen: 252.312 ug/l

RT: 7.46 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF062894.D

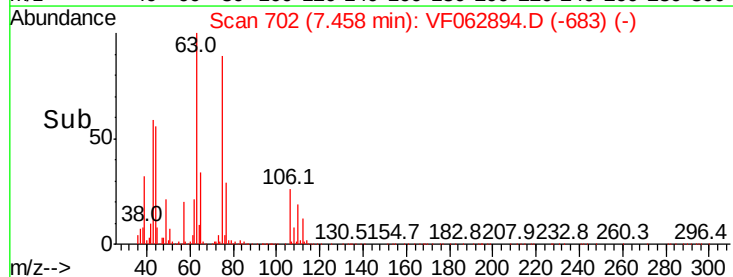
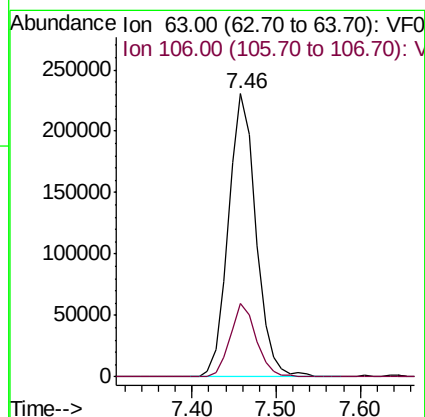
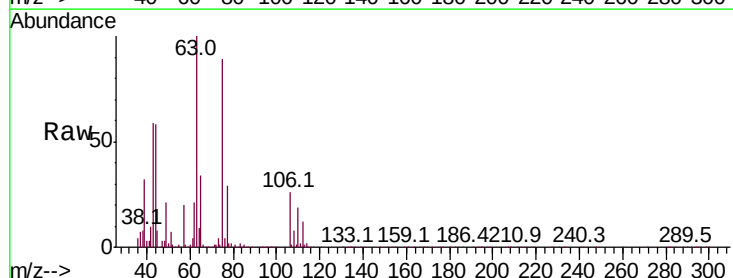
Acq: 7 Jun 2019 11:43

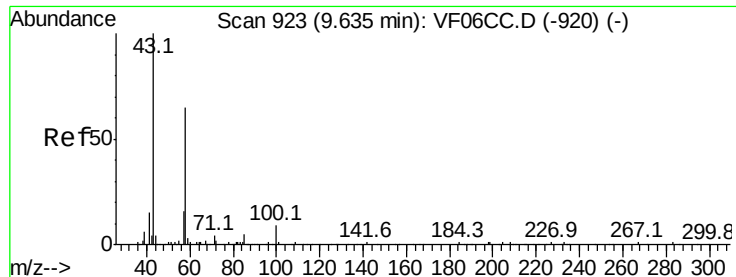
Tgt Ion: 63 Resp: 522279

Ion Ratio Lower Upper

63 100

106 25.9 19.5 29.3





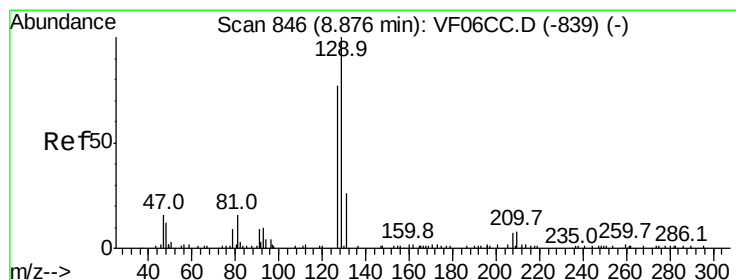
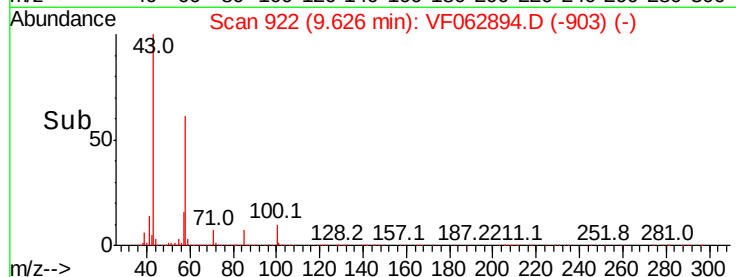
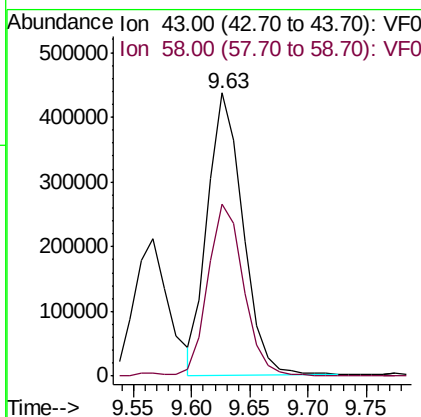
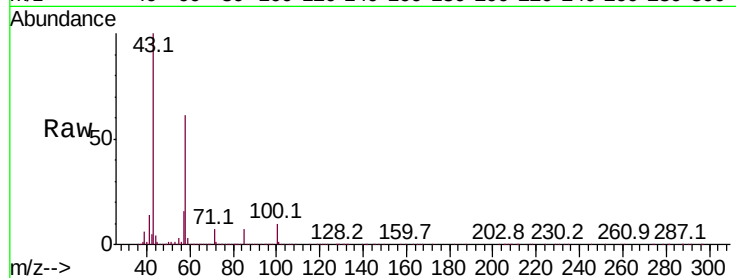
#59
2-Hexanone
Concen: 302.403 ug/l
RT: 9.63 min Scan# 922
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.9	29.3	87.9

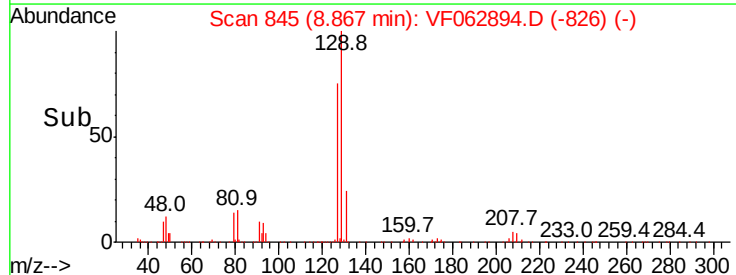
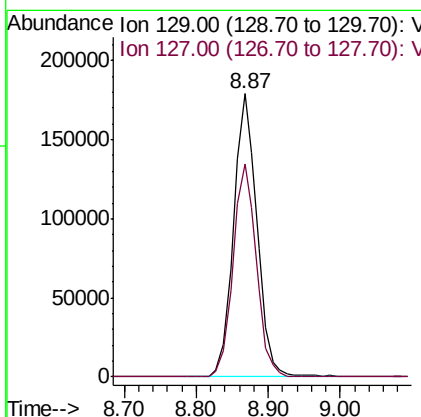
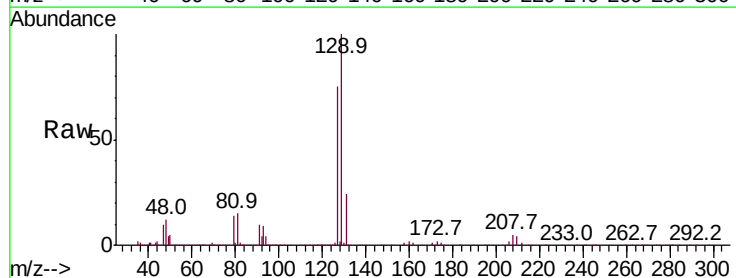
Manual Integrations
APPROVED

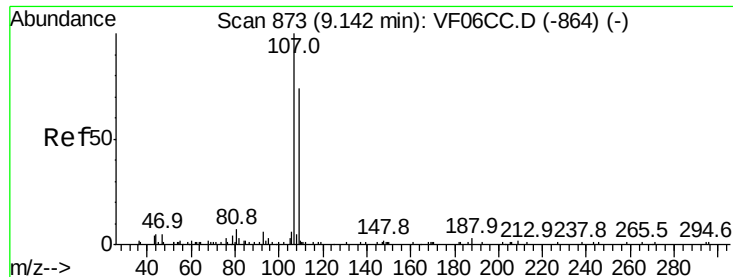
MMDadoda
6/10/2019 12:25:27 PM



#60
Dibromochloromethane
Concen: 59.105 ug/l
RT: 8.87 min Scan# 845
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.3	37.1	111.3





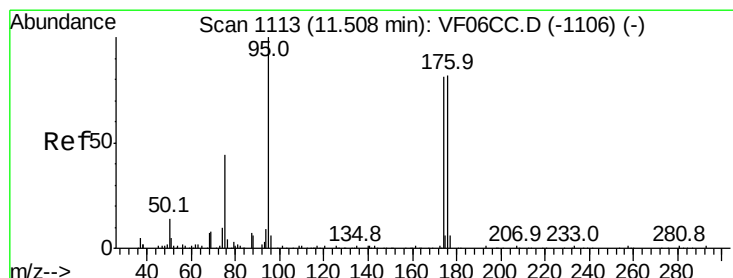
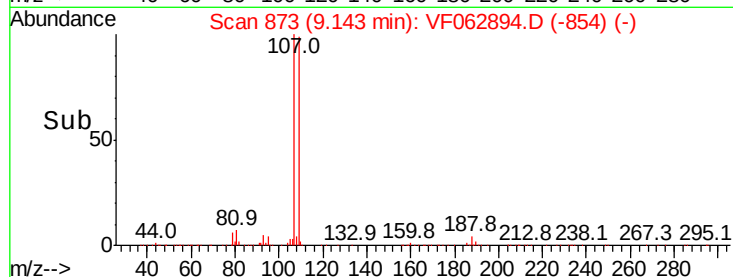
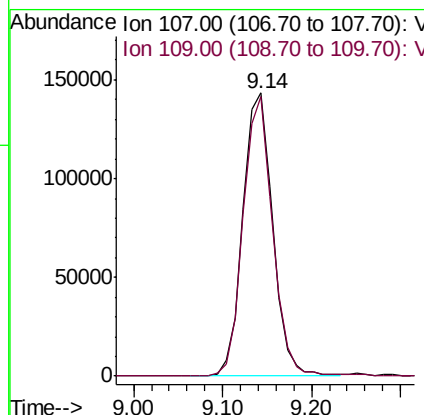
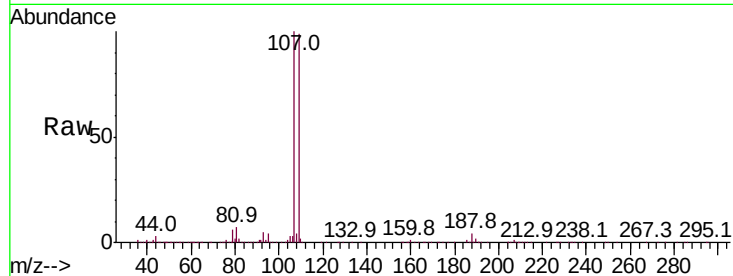
#61
 1,2-Dibromoethane
 Concen: 58.064 ug/l
 RT: 9.14 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	98.7	78.1	117.1

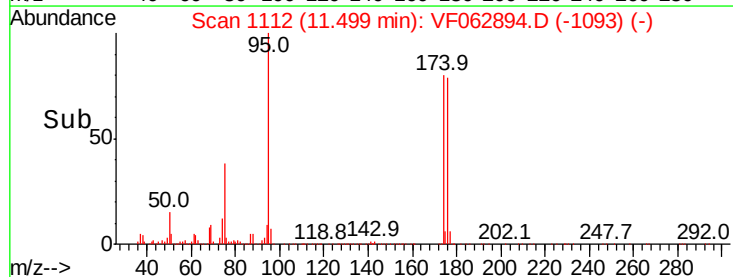
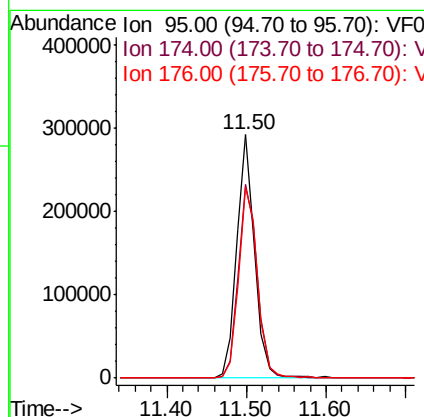
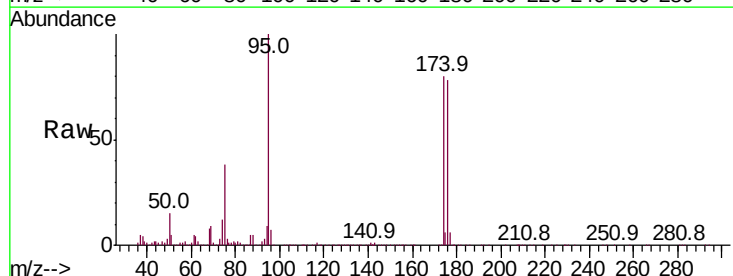
Manual Integrations
 APPROVED

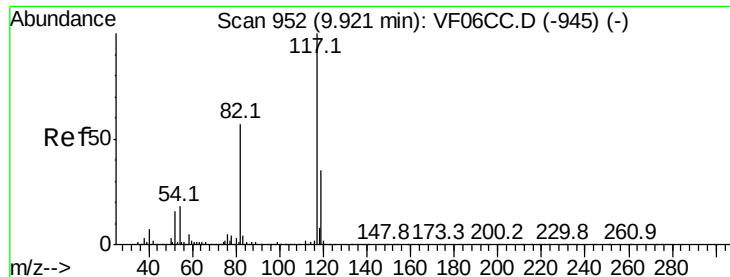
MMDadoda
 6/10/2019 12:25:27 PM



#62
 4-Bromofluorobenzene
 Concen: 52.187 ug/l
 RT: 11.50 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	170.6
176	78.5	0.0	170.6





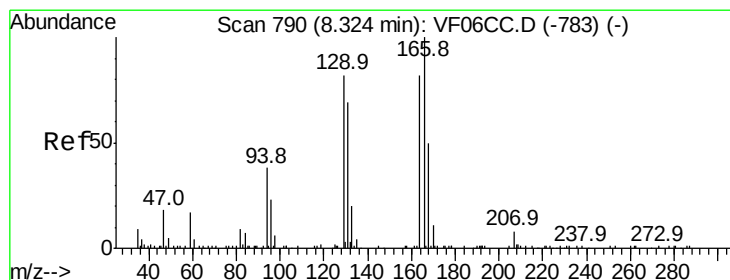
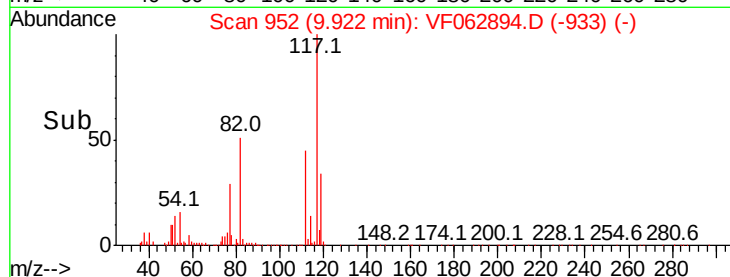
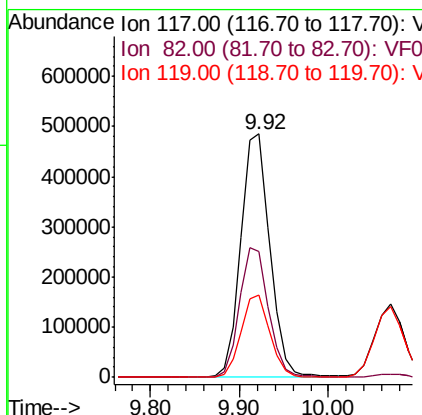
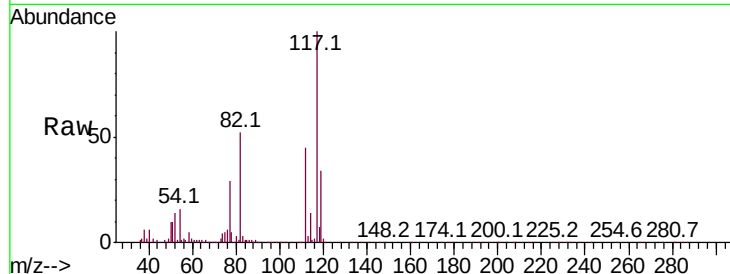
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.4	63.6
119	33.6	27.1	40.7

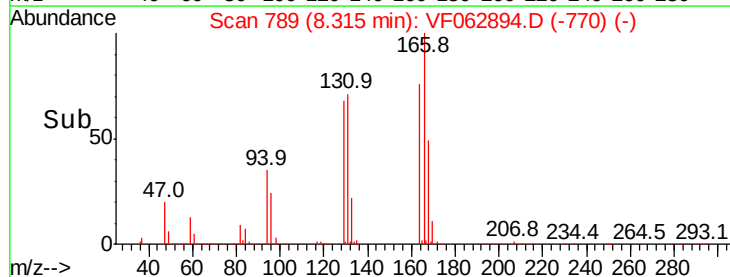
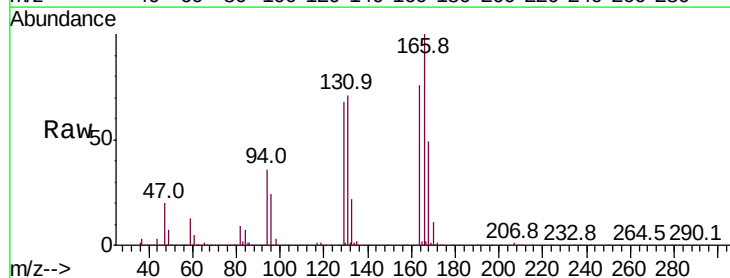
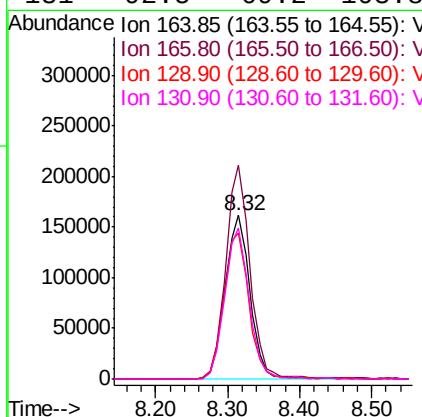
Manual Integrations
APPROVED

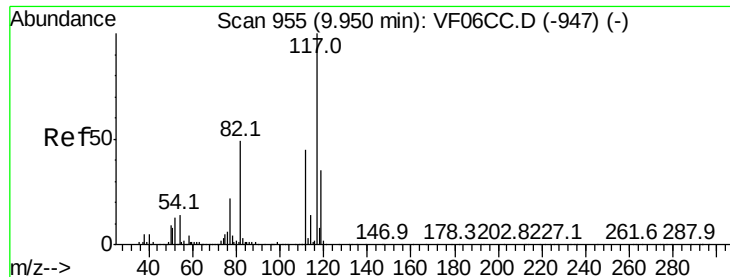
MMDadoda
6/10/2019 12:25:27 PM



#64
Tetrachloroethene
Concen: 45.771 ug/l
RT: 8.32 min Scan# 789
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.7	99.1	148.7
129	89.5	69.5	104.3
131	92.5	69.2	103.8





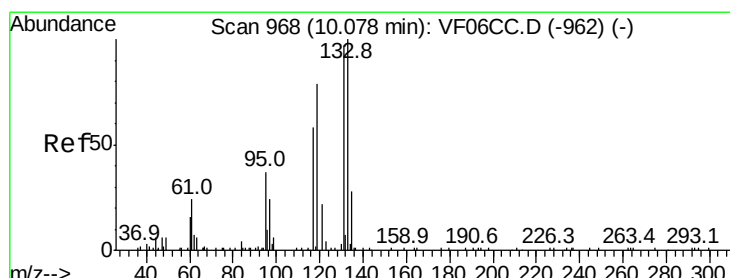
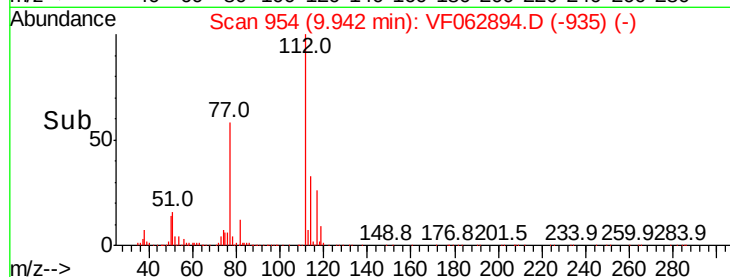
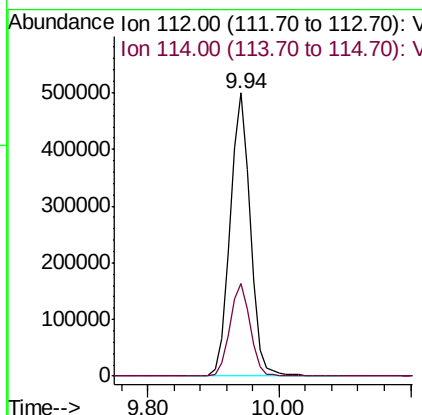
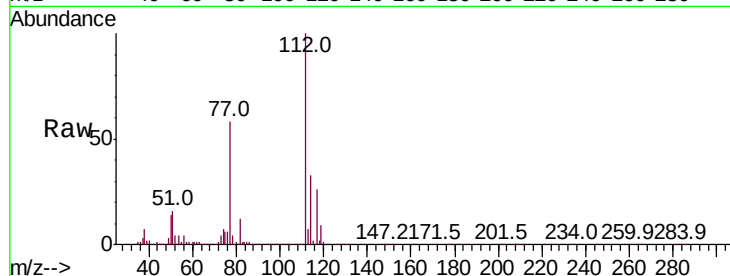
#65
Chlorobenzene
Concen: 50.825 ug/l
RT: 9.94 min Scan# 954
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1078396
Ion Ratio Lower Upper
112 100
114 32.9 27.4 41.0

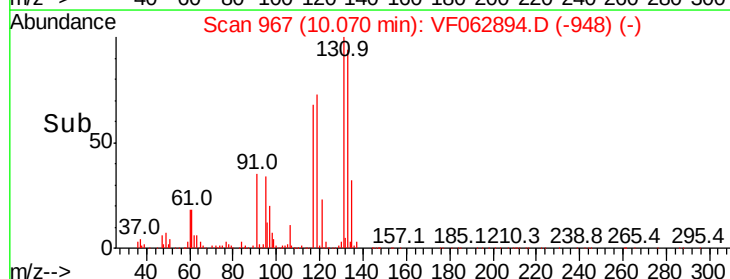
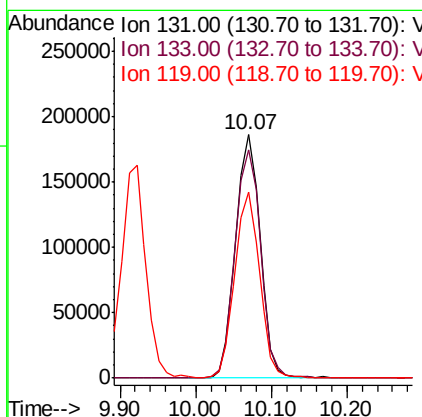
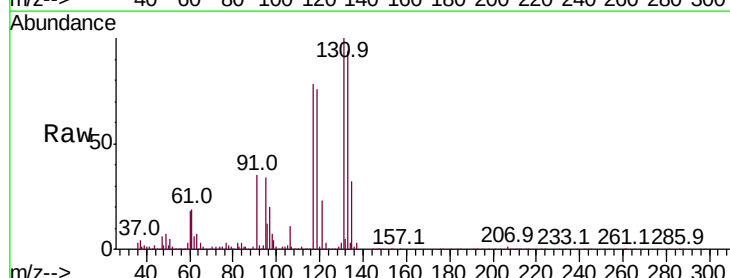
Manual Integrations
APPROVED

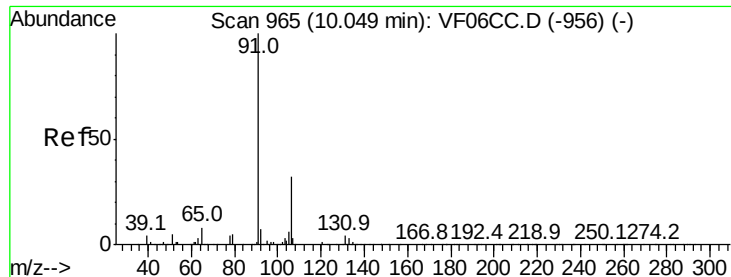
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.843 ug/l
RT: 10.07 min Scan# 967
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion:131 Resp: 421183
Ion Ratio Lower Upper
131 100
133 94.0 48.9 146.7
119 76.3 38.0 114.0





#67

Ethyl Benzene

Concen: 49.300 ug/l

RT: 10.04 min Scan# 964

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tot Ion: 91 Resp: 1795040

Ion Ratio Lower Upper

91 100

106 32.7 26.0 39.0

Instrument :

MSVOA_F

ClientSampleId :

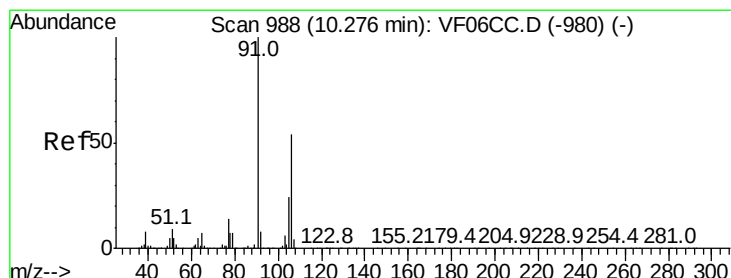
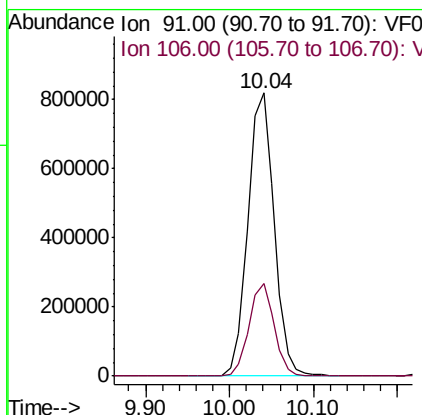
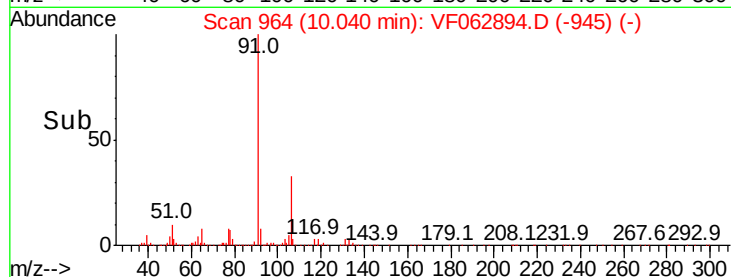
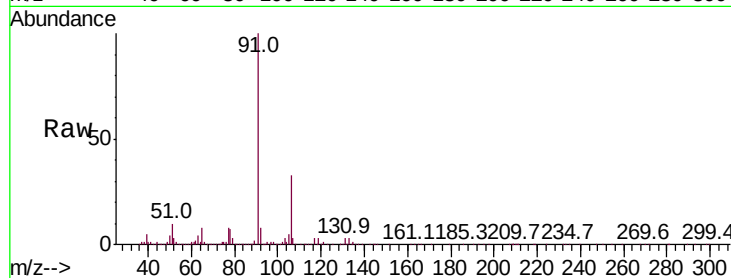
VSTDCCC050

Manual Integrations

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#68

m/p-Xylenes

Concen: 96.299 ug/l

RT: 10.27 min Scan# 987

Delta R.T. -0.01 min

Lab File: VF062894.D

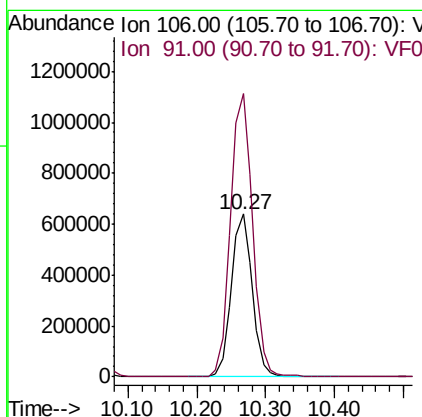
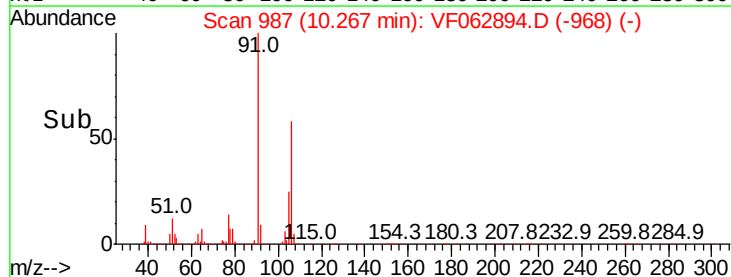
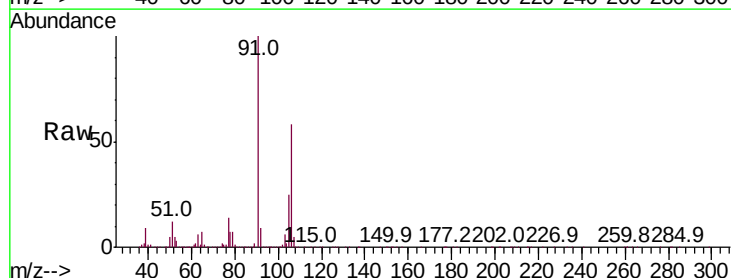
Acq: 7 Jun 2019 11:43

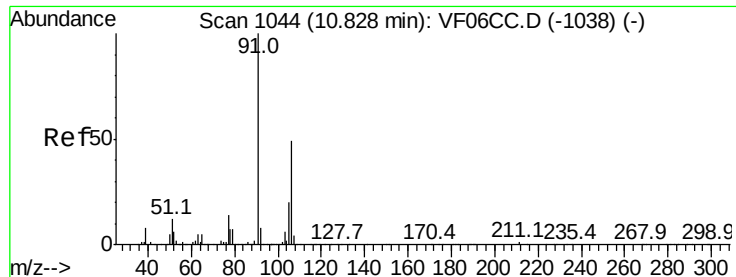
Tgt Ion:106 Resp: 1341736

Ion Ratio Lower Upper

106 100

91 173.7 136.2 204.4





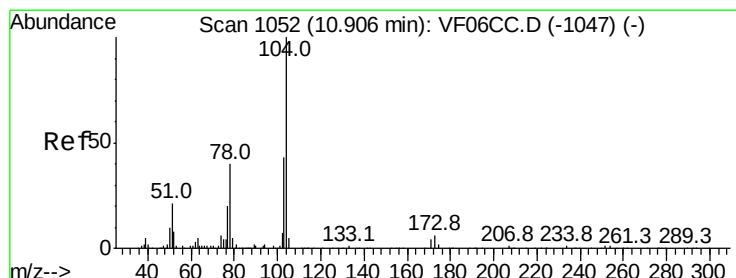
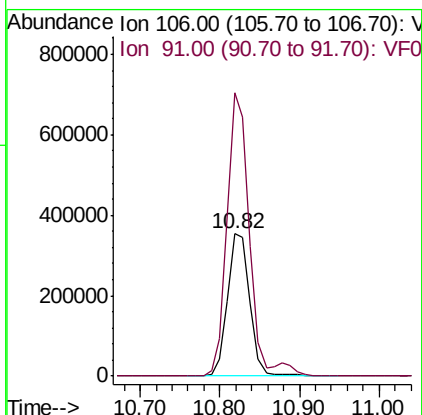
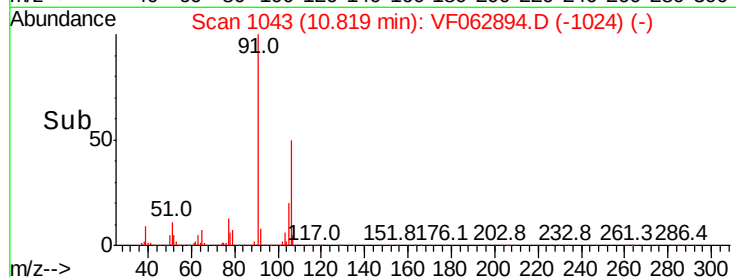
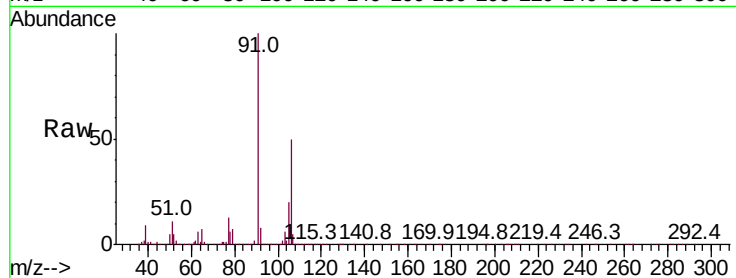
#69
o-Xylene
Concen: 49.419 ug/l
RT: 10.82 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	697142		
91	199.0	96.6	289.8	

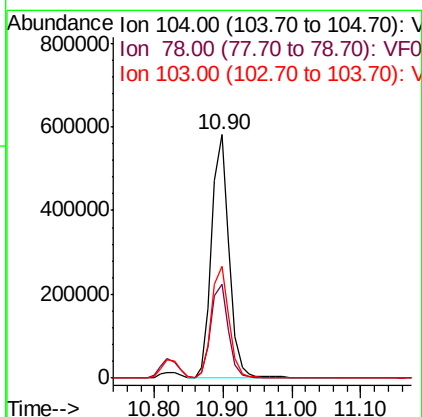
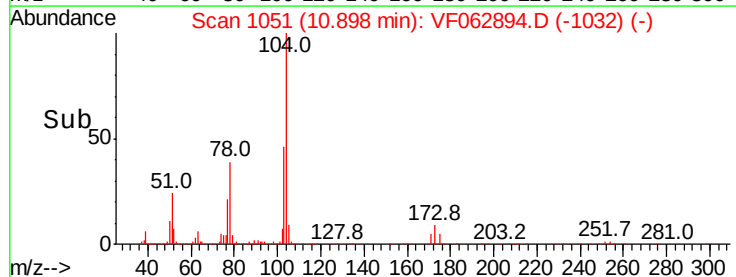
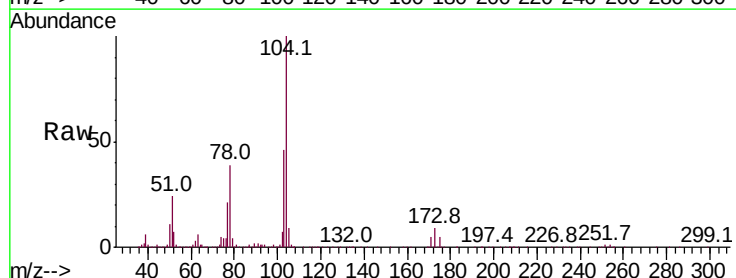
Manual Integrations
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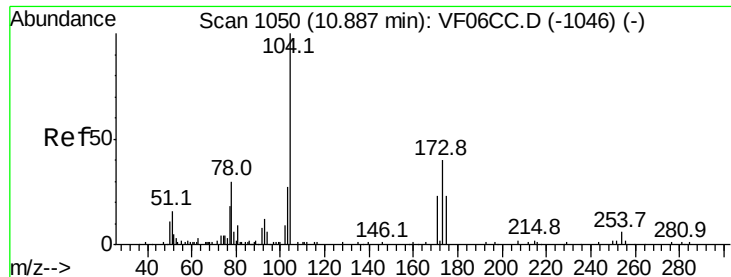
MMDadoda
6/10/2019 12:25:27 PM



#70
Styrene
Concen: 49.003 ug/l
RT: 10.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	1018889		
78	38.6	30.8	46.2	
103	46.0	35.8	53.6	





#71

Bromoform

Concen: 53.265 ug/l

RT: 10.89 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

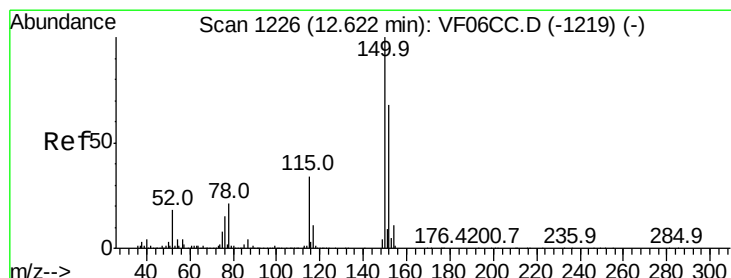
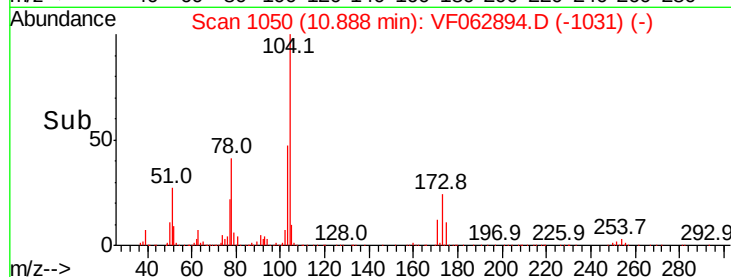
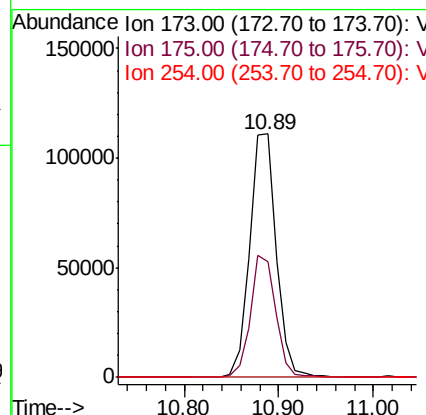
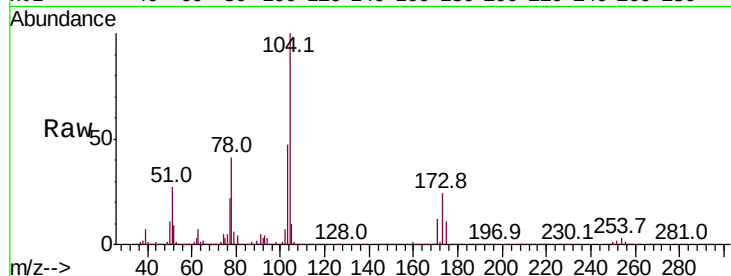
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.6	74.0
254	0.0	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

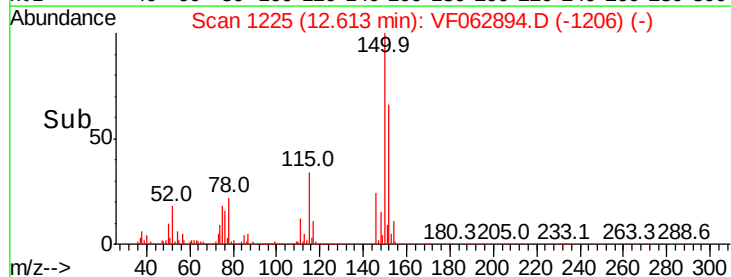
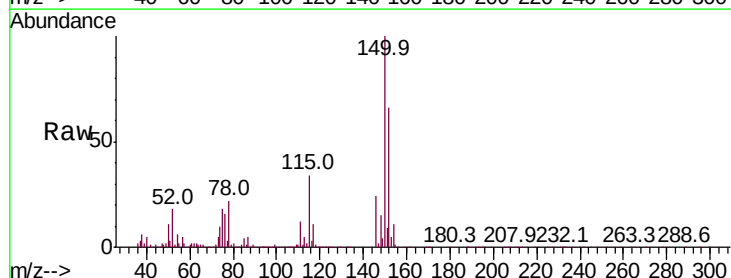
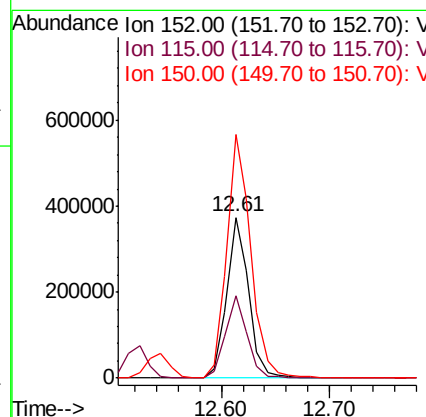
RT: 12.61 min Scan# 1225

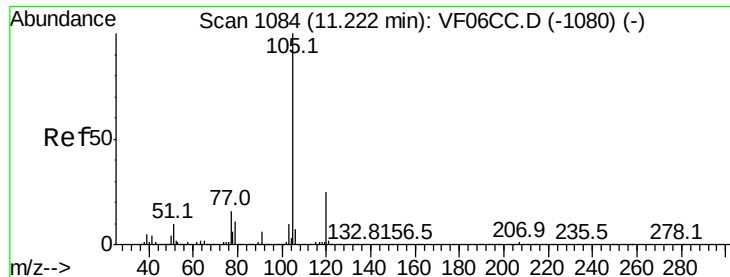
Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.6	24.6	74.0
150	151.5	0.0	290.6





#73

Isopropylbenzene

Concen: 50.396 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1842941

Ion Ratio Lower Upper

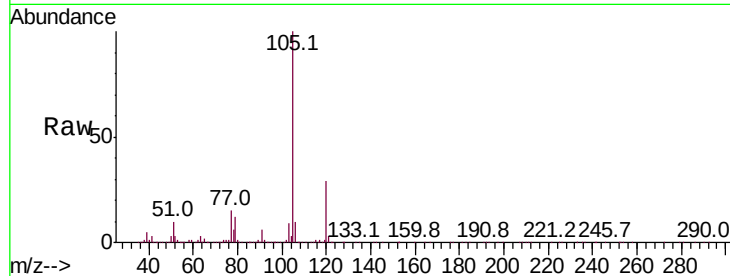
105 100

120 29.3 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

1200000

1000000

800000

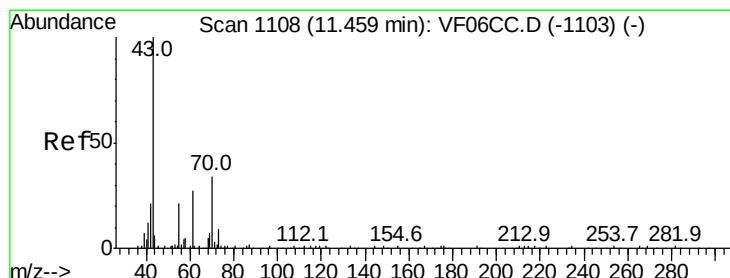
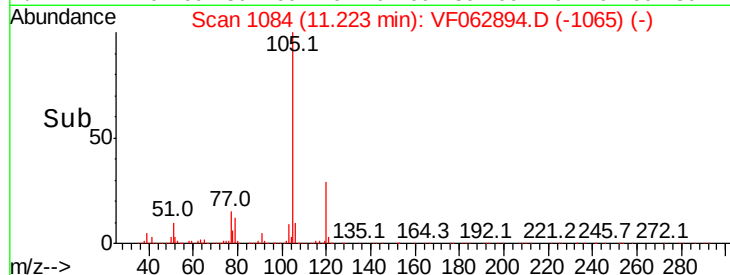
600000

400000

200000

0

Time--> 11.00 11.20 11.40



#74

N-ethyl acetate

Concen: 54.417 ug/l

RT: 11.45 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion: 43 Resp: 560866

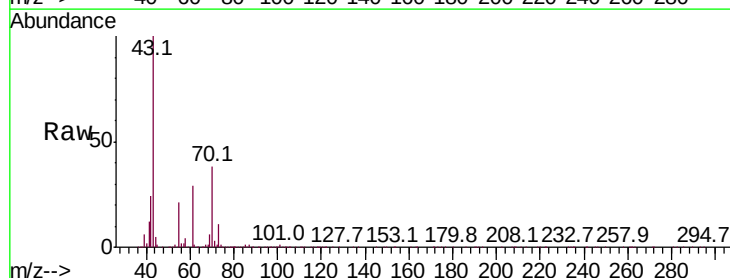
Ion Ratio Lower Upper

43 100

70 37.9 32.9 49.3

55 20.6 17.3 25.9

61 28.9 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

500000

400000

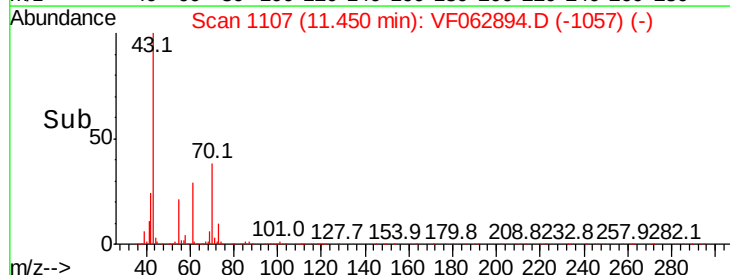
300000

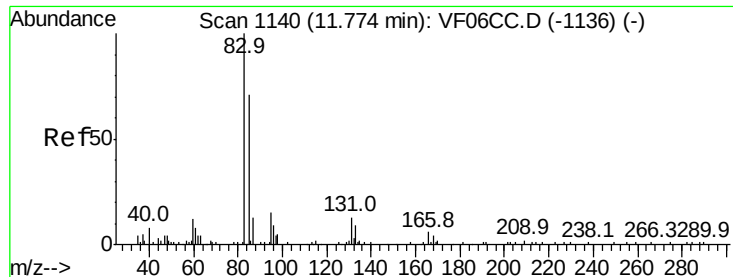
200000

100000

0

Time--> 11.30 11.40 11.50 11.60





#75

1,1,2,2-Tetrachloroethane

Concen: 53.094 ug/l

RT: 11.78 min Scan# 1140

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

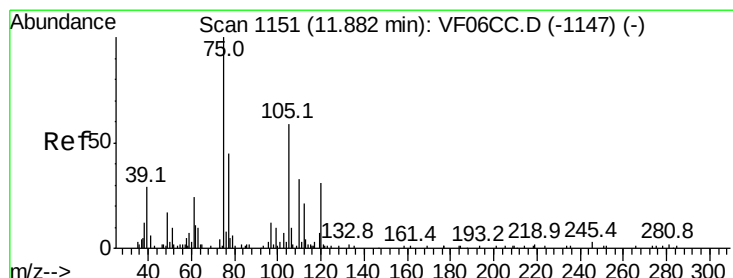
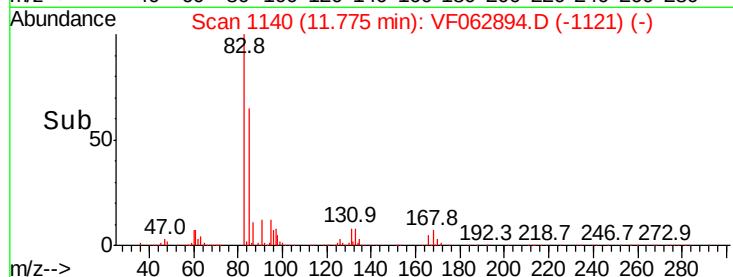
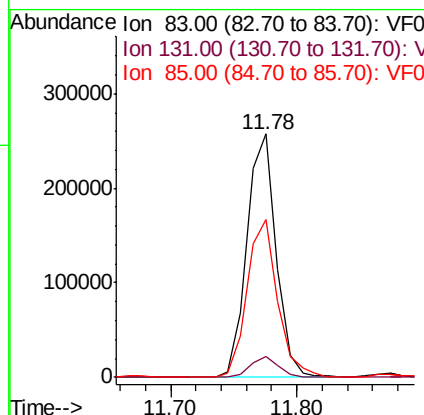
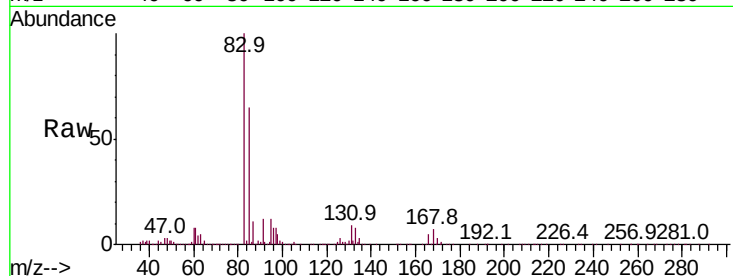
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	414632
Ion Ratio	Lower	Upper	
83	100		
131	8.7	4.9	14.7
85	64.7	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.079 ug/l

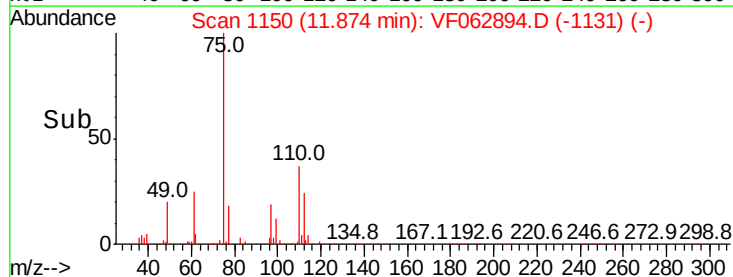
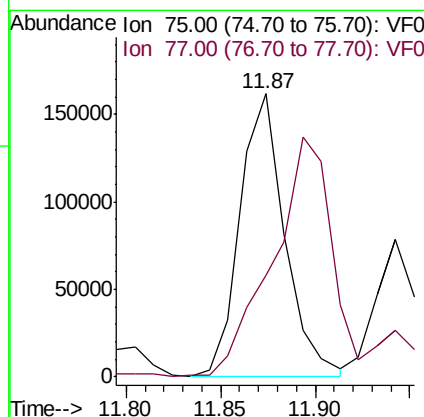
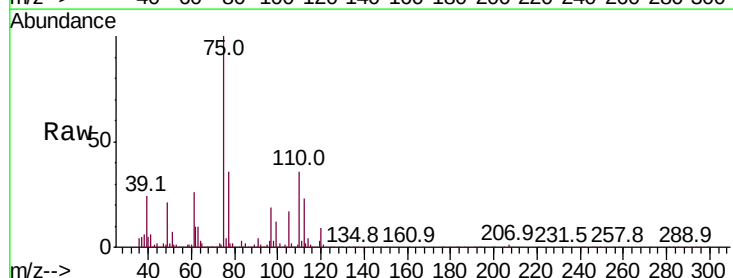
RT: 11.87 min Scan# 1150

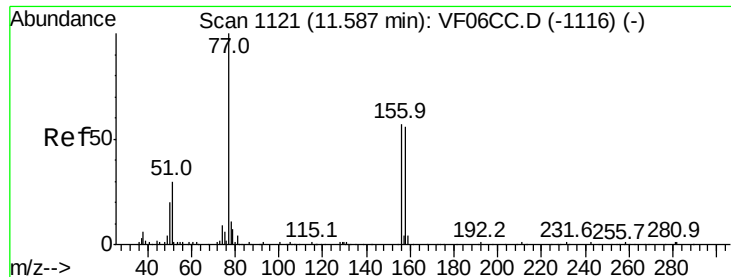
Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion:	75	Resp:	264414
Ion Ratio	Lower	Upper	
75	100		
77	36.0	20.1	60.2





#77

Bromobenzene

Concen: 49.106 ug/l

RT: 11.59 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

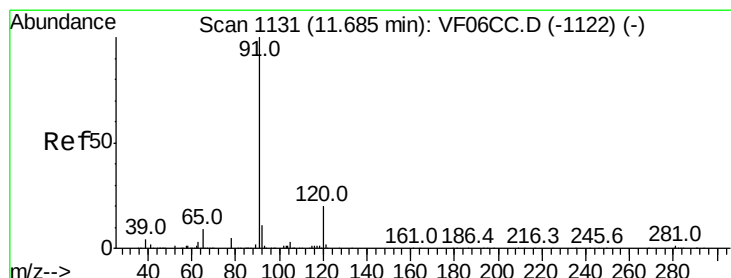
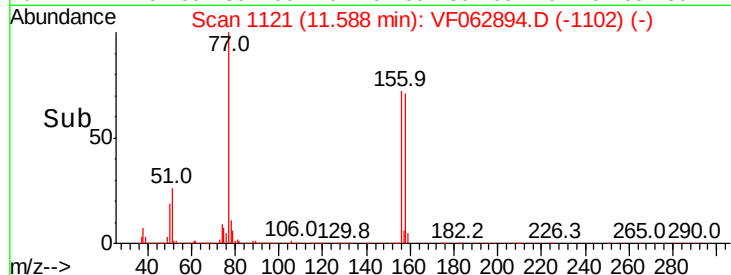
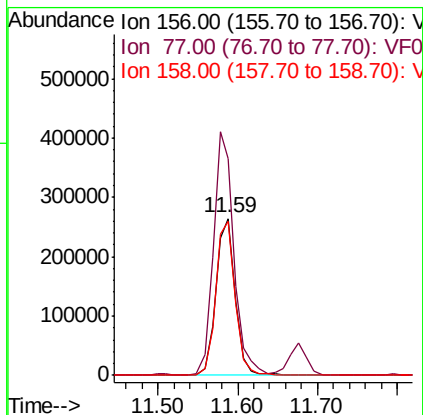
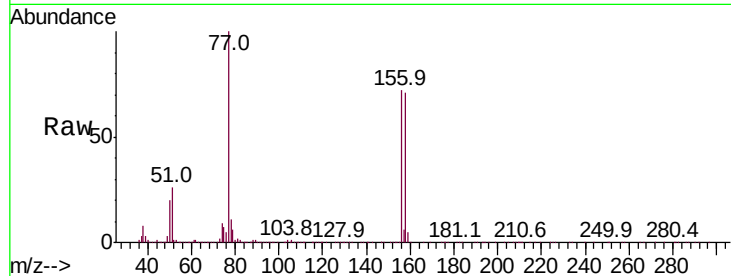
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	451200
Ion Ratio	Lower	Upper	
156	100		
77	138.3	64.2	192.6
158	98.4	50.3	151.0

Manual Integrations
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#78

n-propylbenzene

Concen: 49.455 ug/l

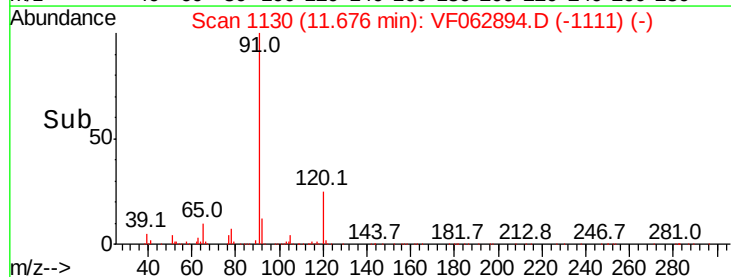
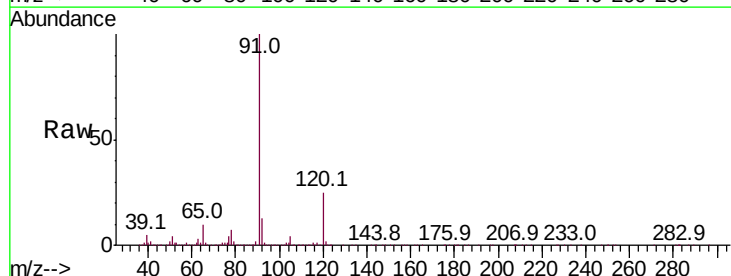
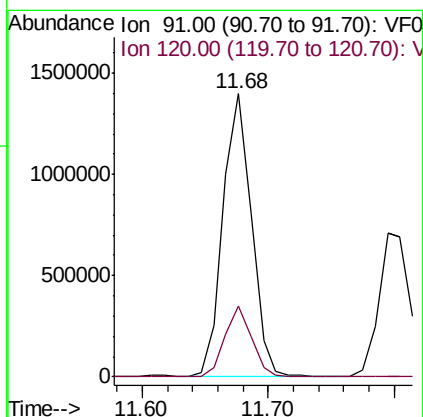
RT: 11.68 min Scan# 1130

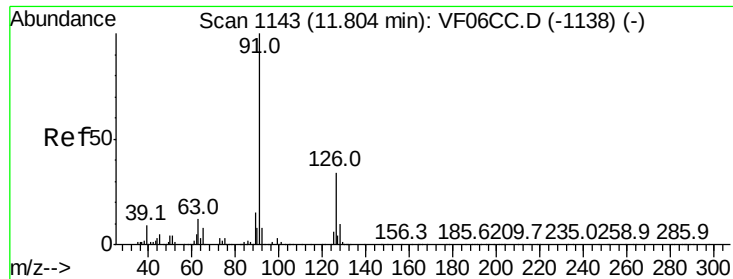
Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion:	91	Resp:	2183650
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.8	38.4





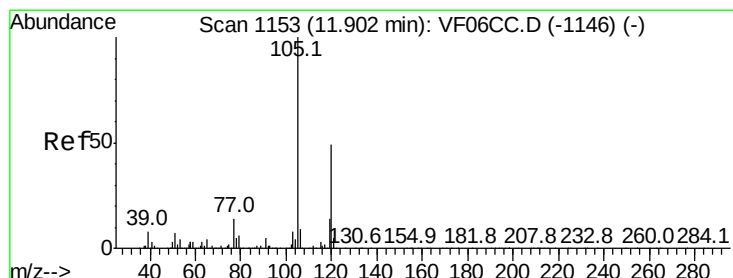
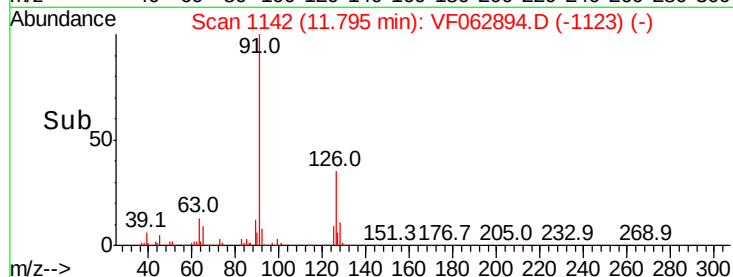
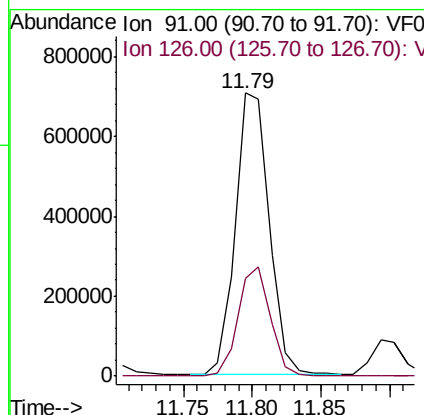
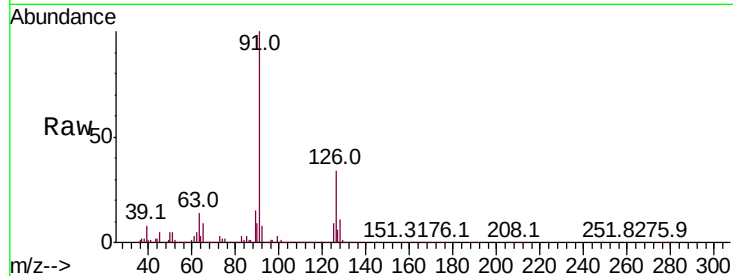
#79
2-Chlorotoluene
Concen: 47.821 ug/l
RT: 11.79 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1208188
Ion Ratio Lower Upper
91 100
126 34.5 17.8 53.3

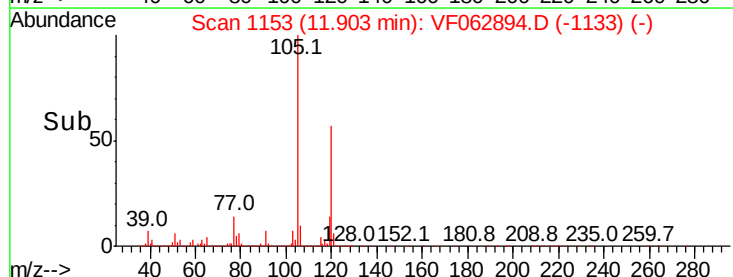
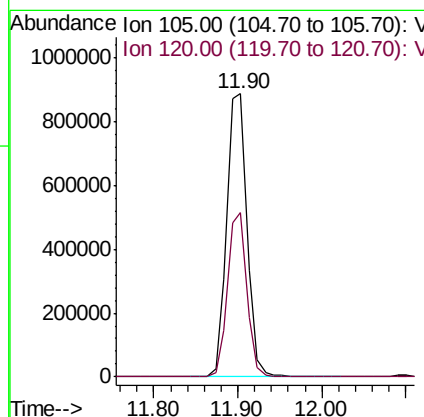
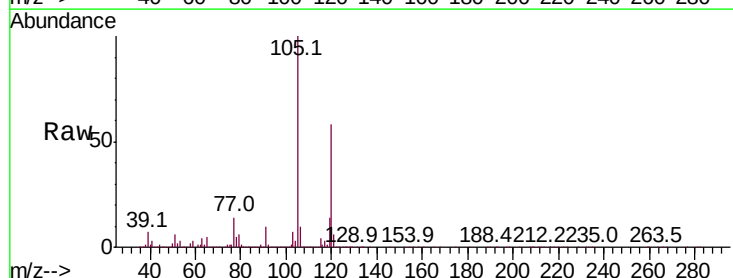
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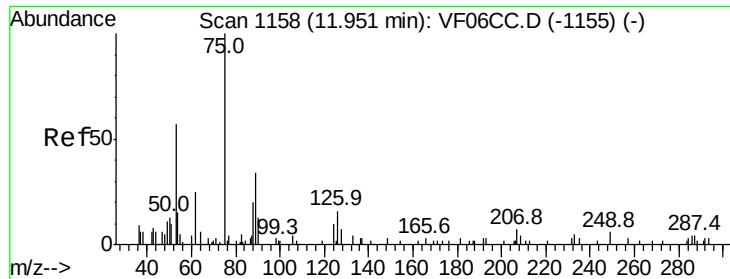
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 49.701 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion: 105 Resp: 1486354
Ion Ratio Lower Upper
105 100
120 58.1 28.7 86.1





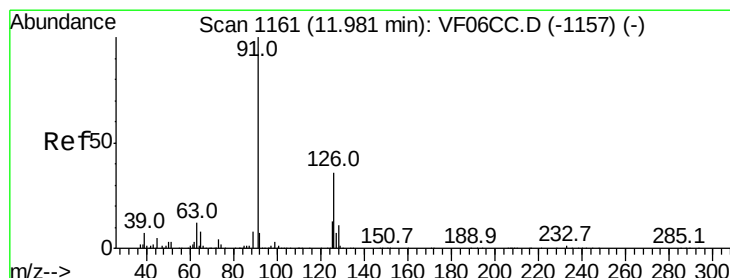
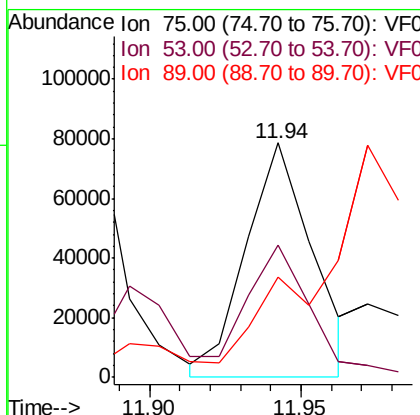
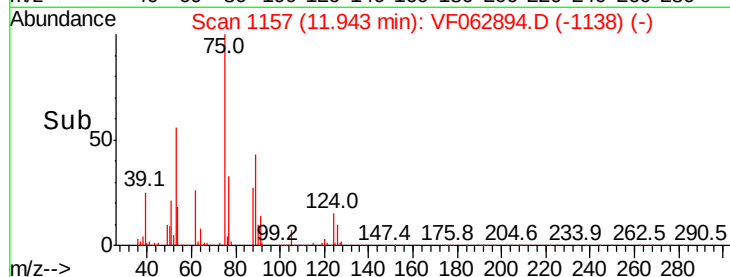
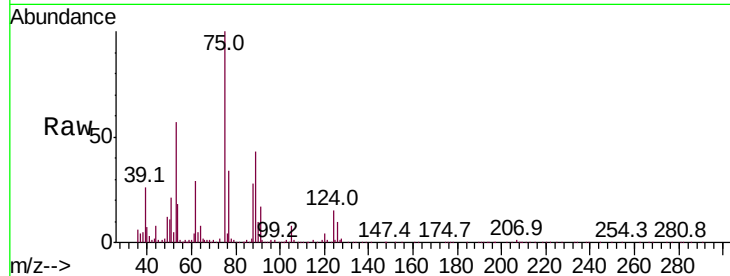
#81
trans-1,4-Dichloro-2-butene
Concen: 54.821 ug/l m
RT: 11.94 min Scan# 1157
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	56.6	43.5	65.3
89	42.9	34.3	51.5

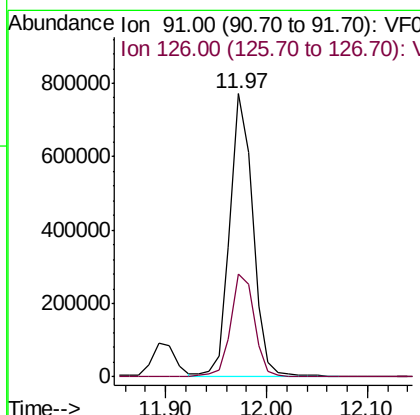
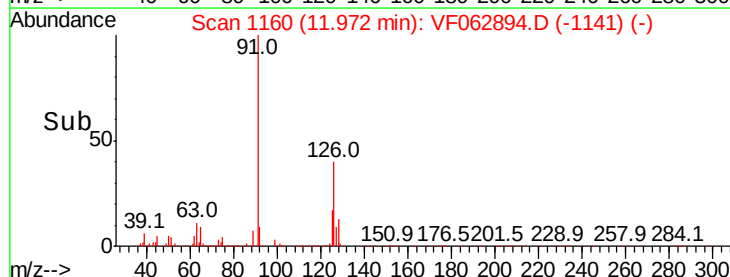
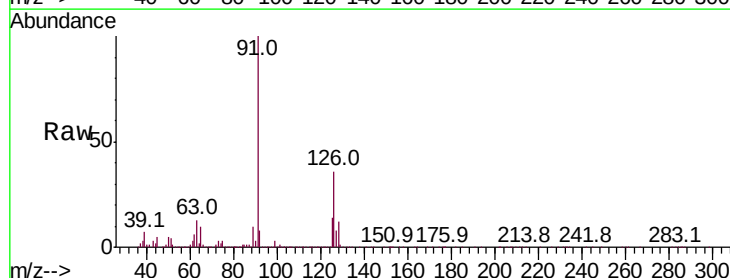
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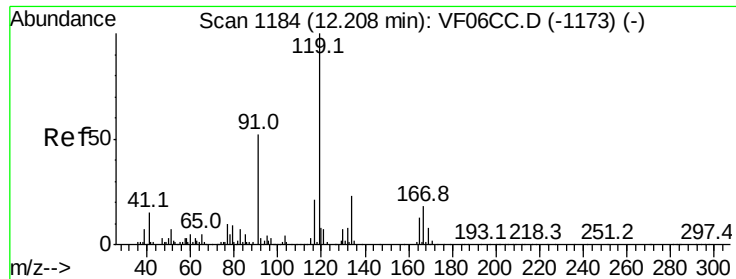
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#82
4-Chlorotoluene
Concen: 49.199 ug/l
RT: 11.97 min Scan# 1160
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	19.1	57.1





#83

tert-Butylbenzene

Concen: 51.999 ug/l

RT: 12.20 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

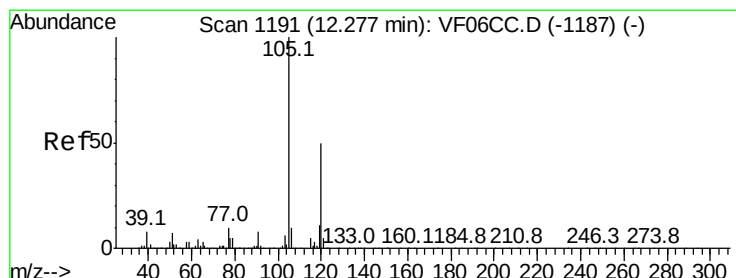
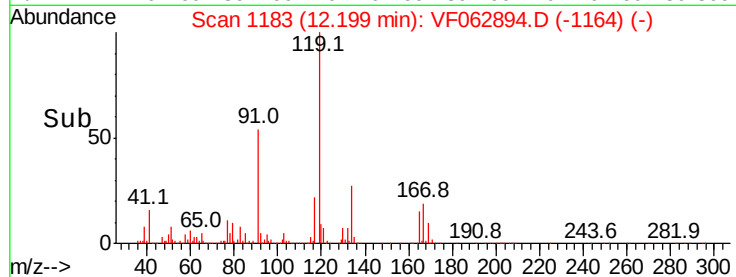
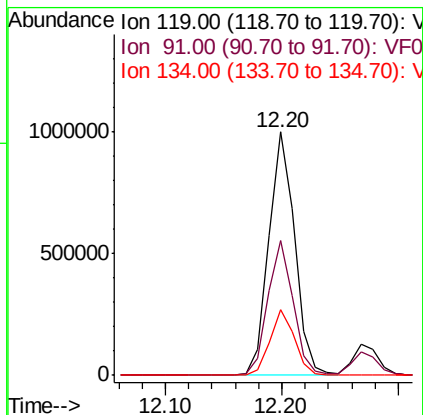
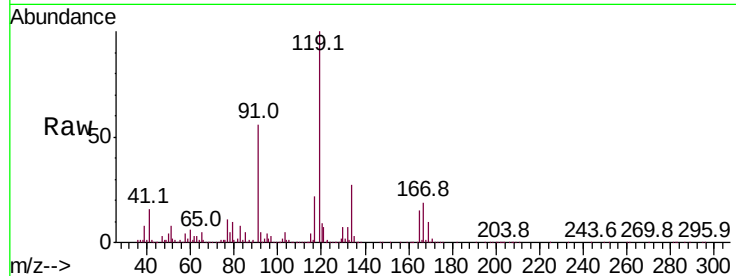
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	1540871
Ion	Ratio	Lower	Upper
119	100		
91	55.6	28.9	86.7
134	27.2	14.3	42.9

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 50.285 ug/l

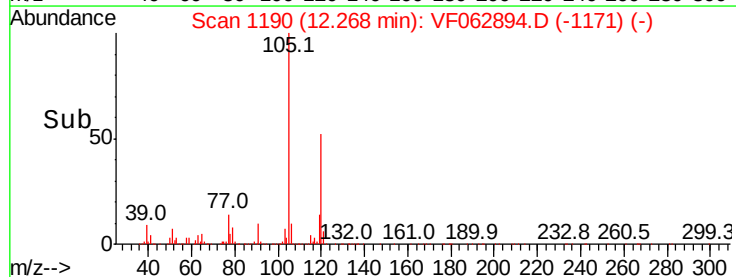
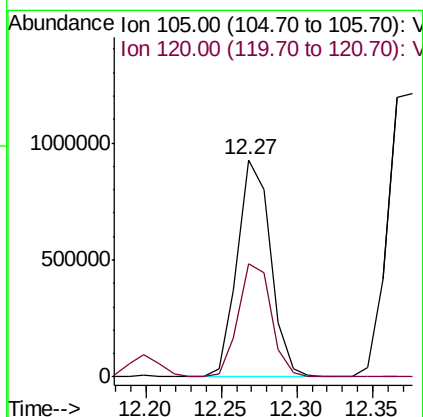
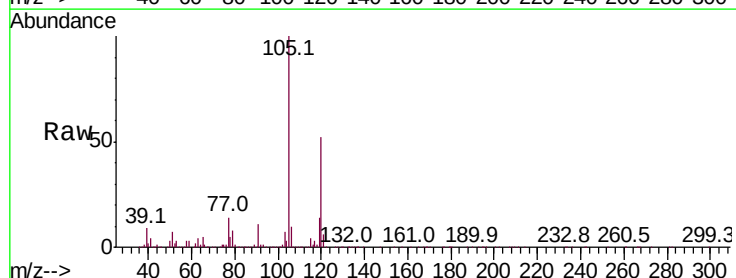
RT: 12.27 min Scan# 1190

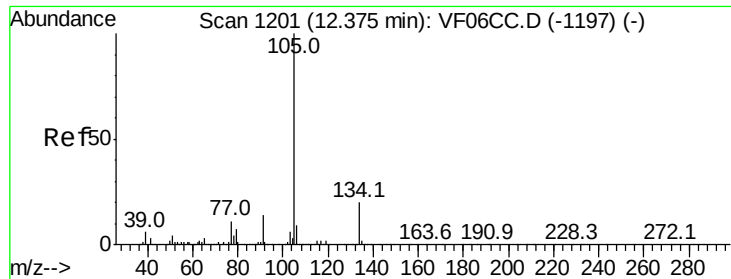
Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion:	105	Resp:	1425802
Ion	Ratio	Lower	Upper
105	100		
120	52.1	27.1	81.3





#85

sec-Butylbenzene

Concen: 51.412 ug/l

RT: 12.38 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 2007495

Ion Ratio Lower Upper

105 100

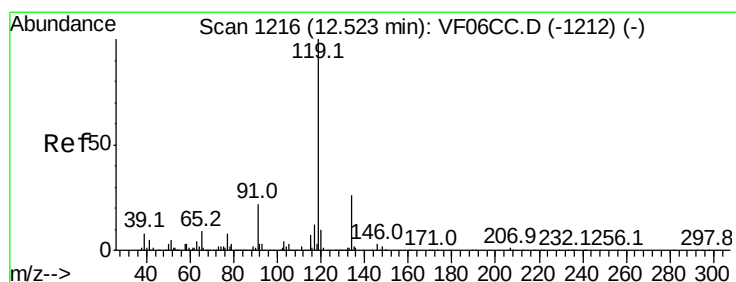
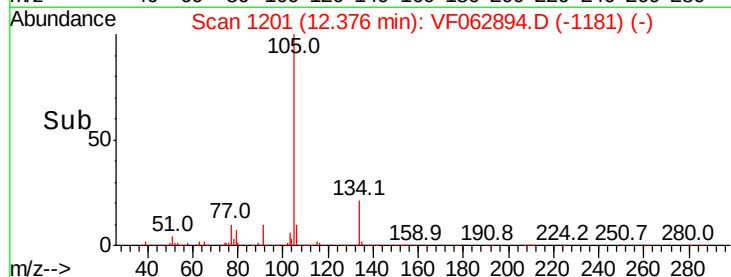
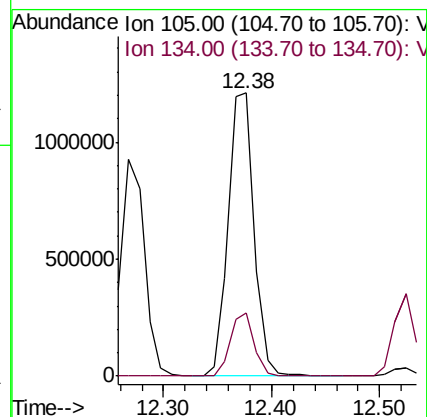
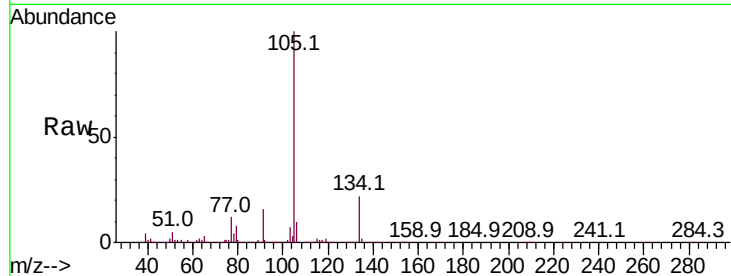
134 22.2 10.5 31.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.583 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

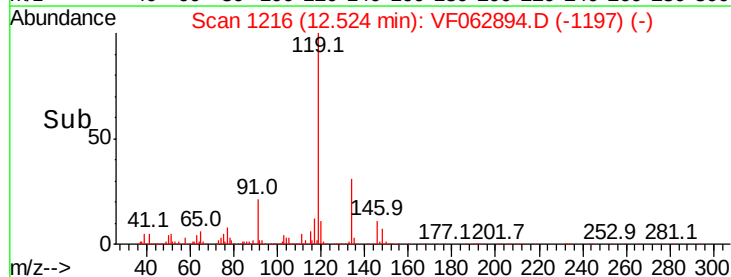
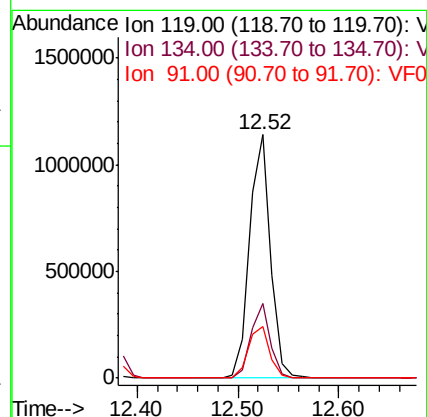
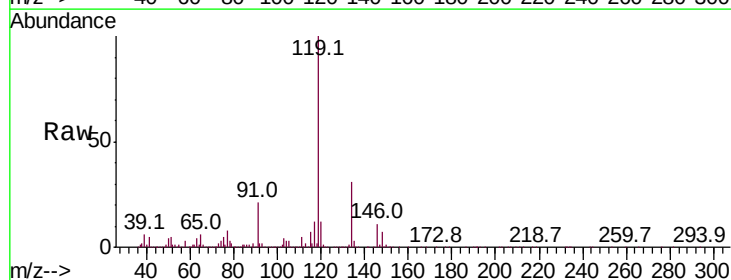
Tgt Ion:119 Resp: 1644009

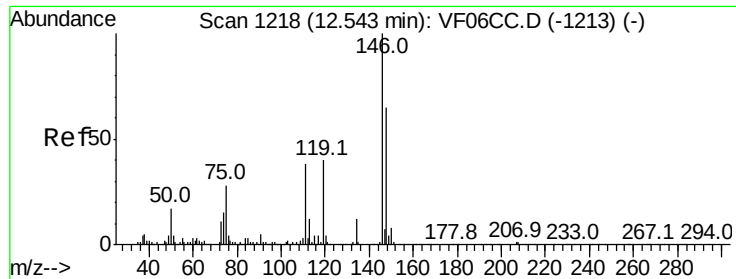
Ion Ratio Lower Upper

119 100

134 30.6 15.5 46.5

91 21.3 10.3 30.9





#87

1,3-Dichlorobenzene

Concen: 50.066 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. -0.00 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

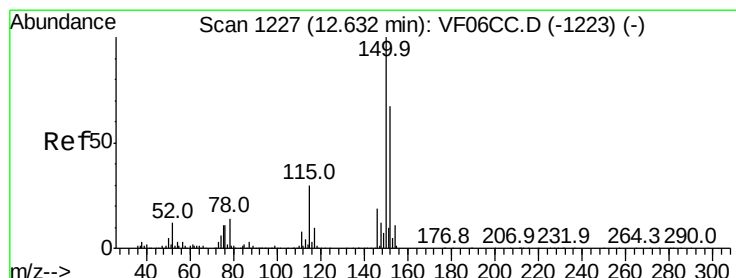
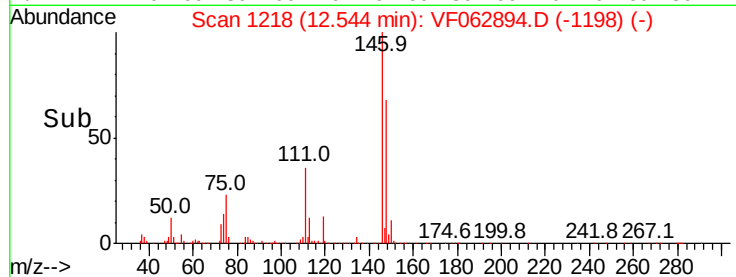
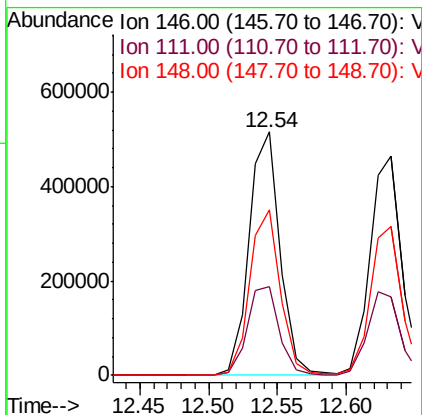
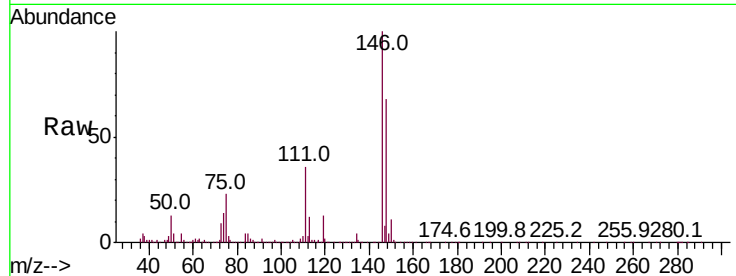
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	811301
Ion Ratio	Lower	Upper	
146	100		
111	36.2	19.6	58.8
148	68.2	34.2	102.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.081 ug/l

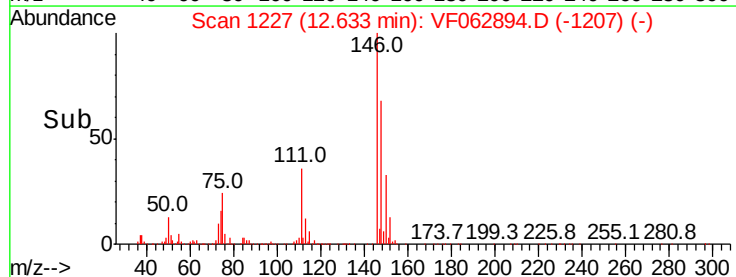
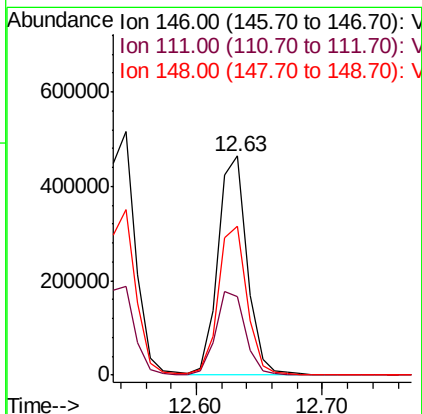
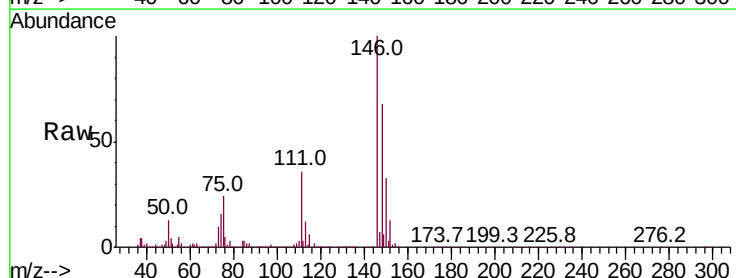
RT: 12.63 min Scan# 1227

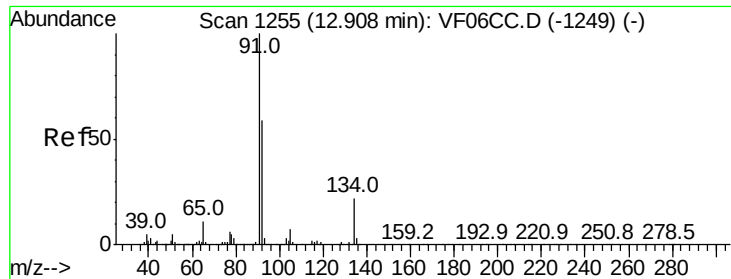
Delta R.T. -0.00 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion:	146	Resp:	742244
Ion Ratio	Lower	Upper	
146	100		
111	35.9	20.3	60.9
148	67.9	34.0	101.8





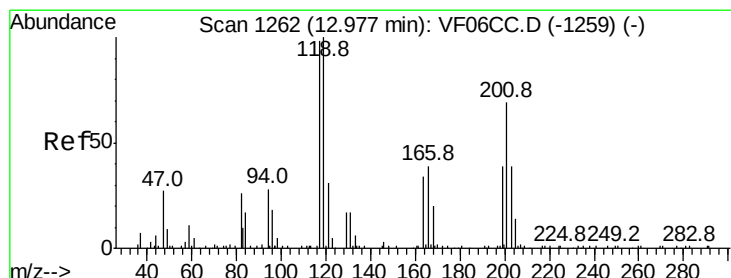
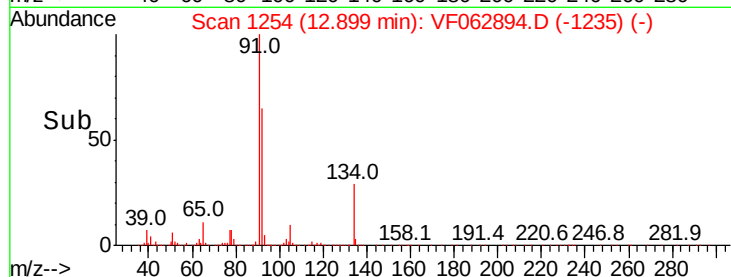
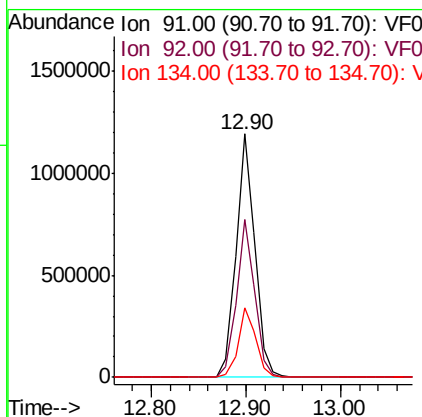
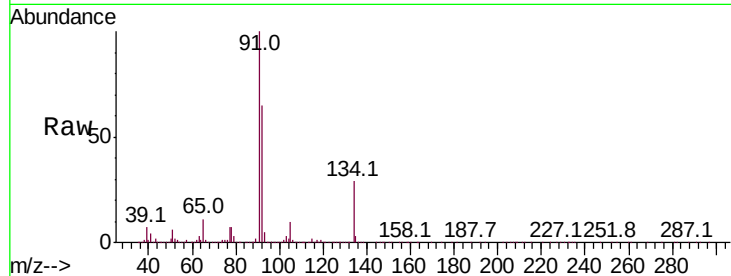
#89
n-Butylbenzene
Concen: 49.910 ug/l
RT: 12.90 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	65.0	34.2	102.6
134	28.7	15.8	47.3

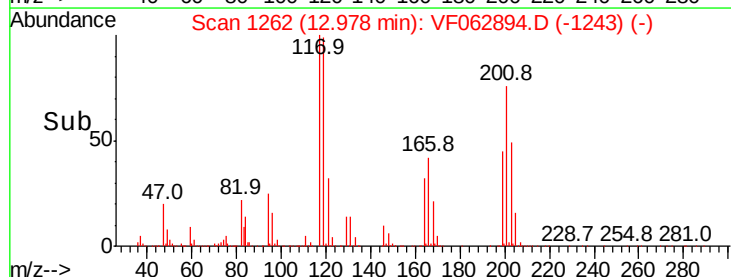
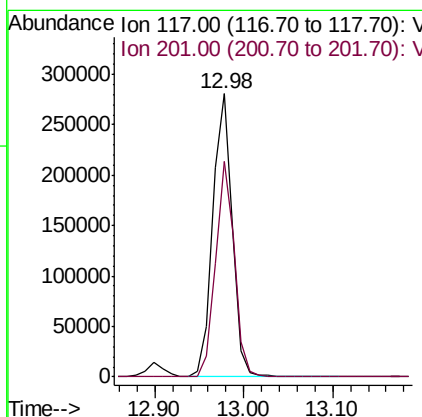
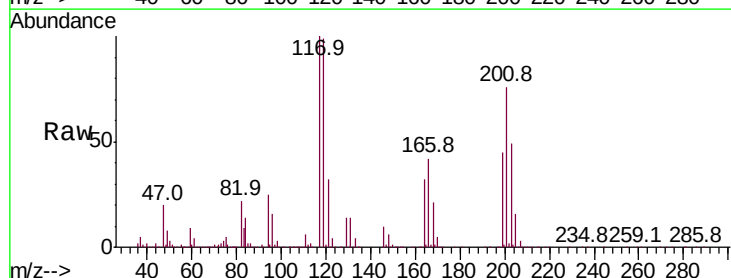
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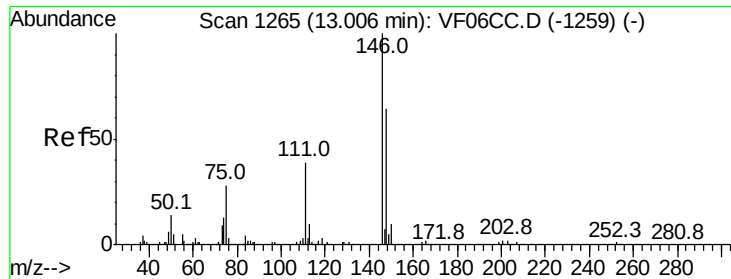
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#90
Hexachloroethane
Concen: 53.219 ug/l
RT: 12.98 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.0	38.9	116.7





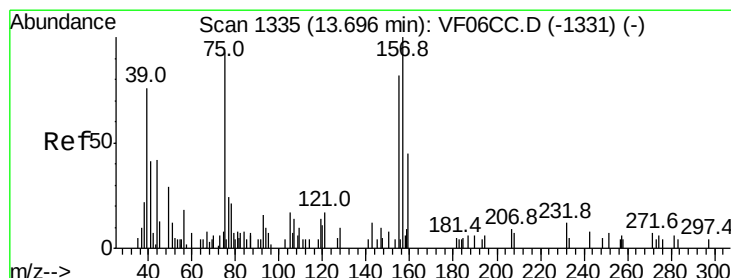
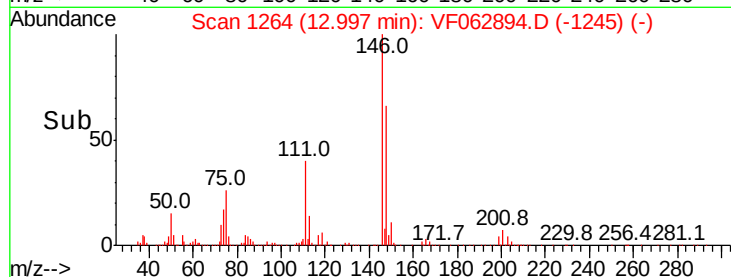
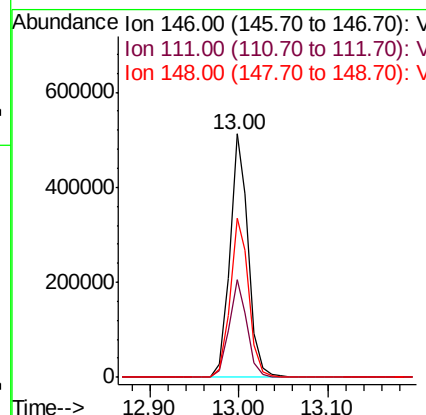
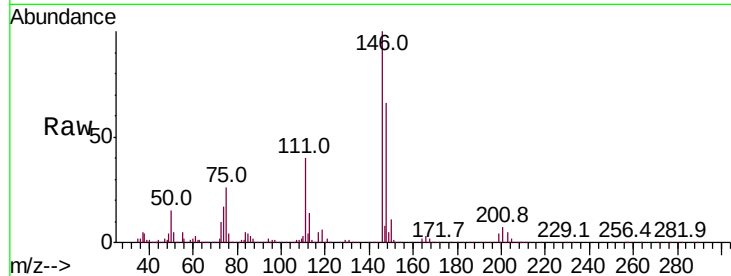
#91
 1,2-Dichlorobenzene
 Concen: 52.457 ug/l
 RT: 13.00 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.3
148	65.5	34.1	102.3

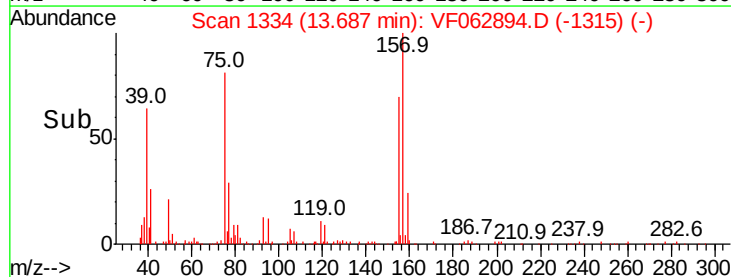
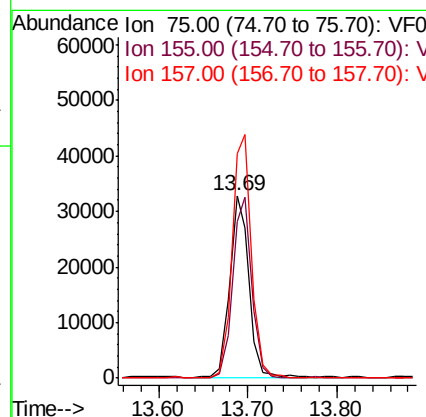
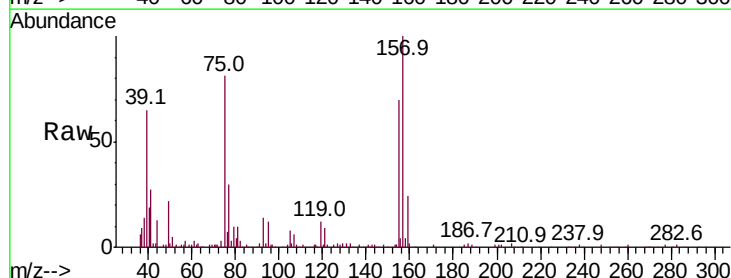
Manual Integrations
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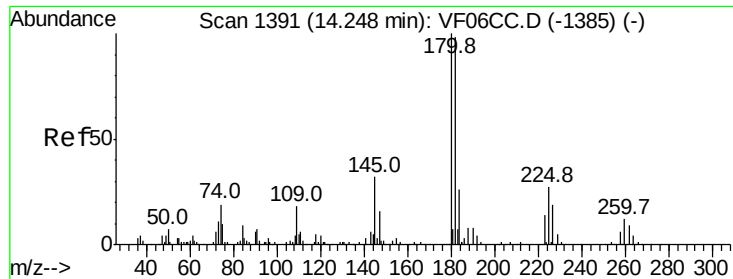
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.301 ug/l
 RT: 13.69 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.5	51.7	155.1
157	122.8	66.8	200.6





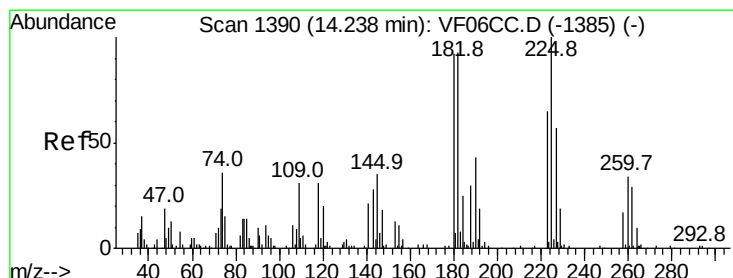
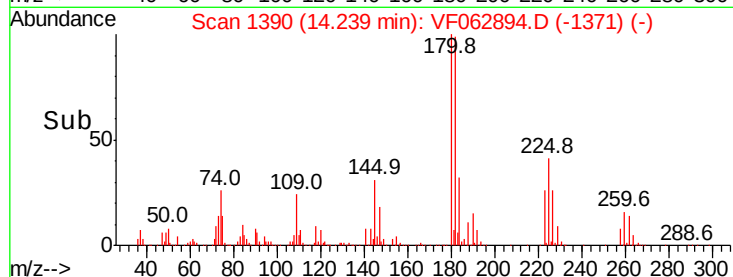
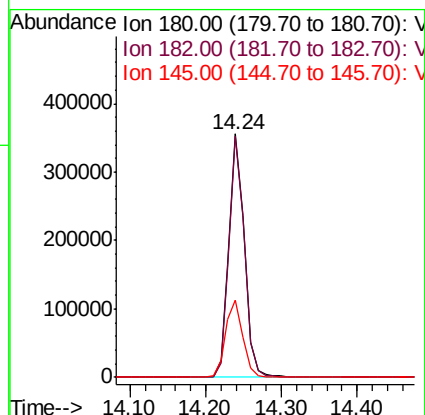
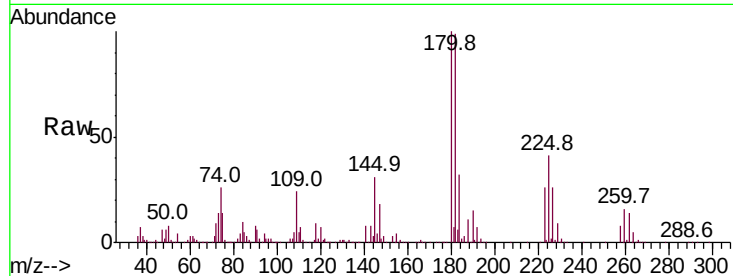
#93
1,2,4-Trichlorobenzene
Concen: 51.986 ug/l
RT: 14.24 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.2	50.3	150.9	
145	31.5	15.4	46.2	

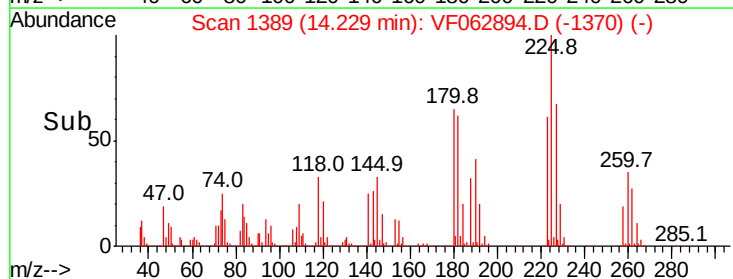
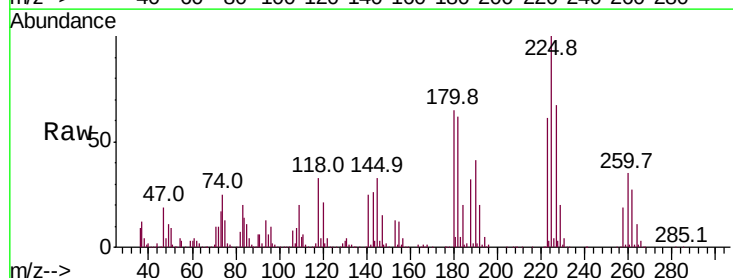
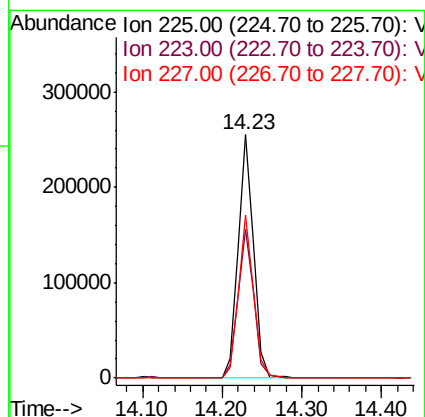
Manual Integrations
APPROVED

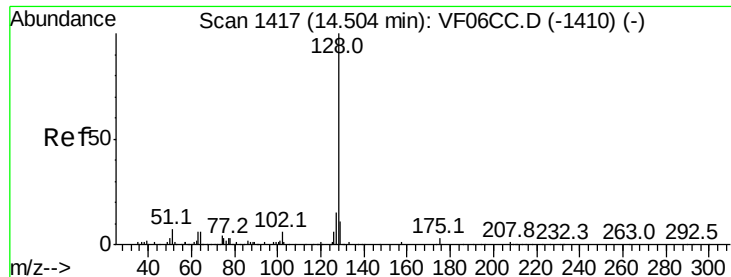
MMDadoda
6/10/2019 12:25:27 PM



#94
Hexachlorobutadiene
Concen: 51.188 ug/l
RT: 14.23 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	30.8	92.4	
227	66.7	31.9	95.5	





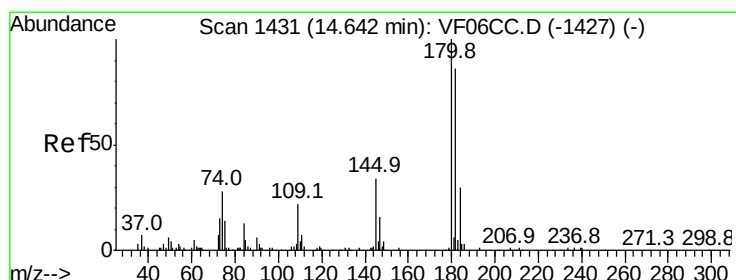
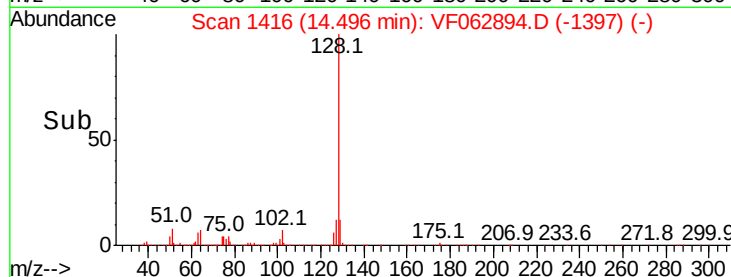
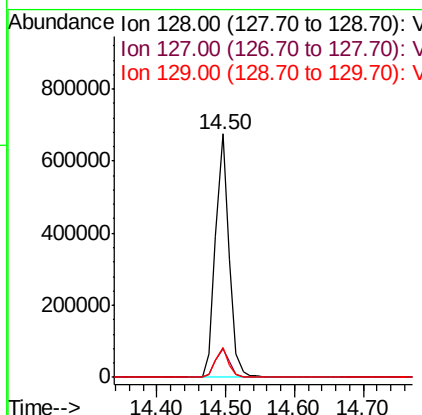
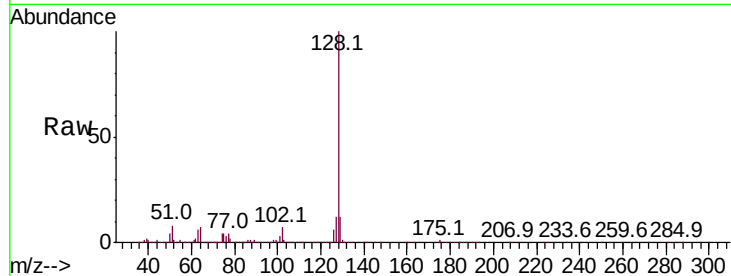
#95
Naphthalene
Concen: 57.880 ug/l
RT: 14.50 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	927334		
127	12.0		9.7	14.5
129	12.1		9.4	14.2

Manual Integrations
APPROVED

MMDadoda
6/10/2019 12:25:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.752 ug/l
RT: 14.63 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	470915		
182	94.1		48.6	145.9
145	31.4		15.7	47.0

