

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060319\
 Data File : VF062824.D
 Acq On : 3 Jun 2019 13:04
 Operator : FY/SY
 Sample : VF0603SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0603SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 12:15:48 PM

Quant Time: Jun 04 09:12:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	850931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1359644	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	1063801	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	537164	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	311648	52.96	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.92%	
35) Dibromofluoromethane	4.32	113	574013	55.87	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.74%	
50) Toluene-d8	7.72	98	1422355	54.75	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	109.50%	
62) 4-Bromofluorobenzene	11.49	95	534146	57.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.30%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.01	85	240527	22.624	ug/l	100
3) Chloromethane	1.14	50	189608	21.535	ug/l	100
4) Vinyl Chloride	1.19	62	183830	21.010	ug/l	100
5) Bromomethane	1.40	94	104615	20.966	ug/l	95
6) Chloroethane	1.45	64	59772	18.271	ug/l	93
7) Trichlorofluoromethane	1.56	101	265220	21.412	ug/l	98
8) Diethyl Ether	1.72	74	44384	18.213	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	1.92	101	164352	21.105	ug/l	96
10) Methyl Iodide	1.99	142	320622	20.534	ug/l	95
11) Tert butyl alcohol	2.70	59	39041	109.524	ug/l	98
12) 1,1-Dichloroethene	1.88	96	141280	19.979	ug/l	94
13) Acrolein	2.11	56	11907	77.985	ug/l #	72
14) Allyl chloride	2.21	41	123781	22.564	ug/l	98
15) Acrylonitrile	3.10	53	101422	75.720	ug/l #	91
16) Acetone	2.36	43	120746	89.656	ug/l	95
17) Carbon Disulfide	1.92	76	438870	21.235	ug/l	99
18) Methyl Acetate	2.46	43	44348	18.844	ug/l #	89
19) Methyl tert-butyl Ether	2.55	73	272268	21.252	ug/l	93
20) Methylene Chloride	2.35	84	138522m	18.668	ug/l	
21) trans-1,2-Dichloroethene	2.43	96	138842	19.583	ug/l	95
22) Diisopropyl ether	2.95	45	303612	19.480	ug/l #	92
23) Vinyl Acetate	3.35	43	1100617	103.149	ug/l	99
24) 1,1-Dichloroethane	3.02	63	235681	20.253	ug/l	99
25) 2-Butanone	4.53	43	296226	94.450	ug/l	98
26) 2,2-Dichloropropane	3.79	77	149203	22.581	ug/l	97
27) cis-1,2-Dichloroethene	3.66	96	258281	21.672	ug/l	93
28) Bromochloromethane	3.90	49	125893	19.888	ug/l	98
29) Tetrahydrofuran	4.28	42	128754	107.335	ug/l	98
30) Chloroform	4.06	83	352165	21.472	ug/l	99
31) Cyclohexane	3.88	56	320197m	20.324	ug/l	
32) 1,1,1-Trichloroethane	4.30	97	229392	24.022	ug/l	95
36) 1,1-Dichloropropene	4.48	75	279725	22.348	ug/l	93
37) Ethyl Acetate	4.31	43	111754	23.356	ug/l #	82
38) Carbon Tetrachloride	4.19	117	197874	23.391	ug/l	92

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.65	83	353266	22.677	ug/l	96
40) Benzene	4.83	78	804603	22.087	ug/l	99
41) Methacrylonitrile	4.94	41	58913	22.148	ug/l	95
42) 1,2-Dichloroethane	5.14	62	149184	21.532	ug/l	92
43) Isopropyl Acetate	7.13	43	144938	22.931	ug/l	97
44) Trichloroethene	5.70	130	238377	23.186	ug/l	98
45) 1,2-Dichloropropane	6.42	63	202248	22.124	ug/l	94
46) Dibromomethane	6.27	93	117874	22.085	ug/l	99
47) Bromodichloromethane	6.57	83	239512	22.035	ug/l	99
48) Methyl methacrylate	6.89	41	71224	21.865	ug/l	96
49) 1,4-Dioxane	6.89	88	20422	475.630	ug/l #	85
51) 4-Methyl-2-Pentanone	8.41	43	514775	114.076	ug/l	97
52) Toluene	7.79	92	432939	22.065	ug/l	95
53) t-1,3-Dichloropropene	8.43	75	200187	22.225	ug/l	98
54) cis-1,3-Dichloropropene	7.46	75	274740	21.072	ug/l	97
55) 1,1,2-Trichloroethane	8.65	97	128510	21.924	ug/l	97
56) Ethyl methacrylate	8.76	69	136716	21.738	ug/l #	94
57) 1,3-Dichloropropane	9.00	76	207417	21.669	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.45	63	230322	104.784	ug/l	99
59) 2-Hexanone	9.63	43	370758	115.271	ug/l	98
60) Dibromochloromethane	8.87	129	163075	22.471	ug/l	98
61) 1,2-Dibromoethane	9.14	107	141034	23.167	ug/l	94
64) Tetrachloroethene	8.31	164	175092	21.419	ug/l	95
65) Chlorobenzene	9.94	112	445711	21.696	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.06	131	178079	21.766	ug/l	98
67) Ethyl Benzene	10.04	91	782160	22.187	ug/l	97
68) m/p-Xylenes	10.26	106	577606	42.816	ug/l	86
69) o-Xylene	10.82	106	304000	22.257	ug/l	90
70) Styrene	10.89	104	445237	22.116	ug/l	99
71) Bromoform	10.88	173	85887	21.883	ug/l #	94
73) Isopropylbenzene	11.22	105	848955	22.650	ug/l	95
74) N-amyl acetate	11.45	43	265684	25.150	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.77	83	181081	22.623	ug/l	99
76) 1,2,3-Trichloropropane	11.87	75	116490	21.956	ug/l	88
77) Bromobenzene	11.58	156	202791	21.533	ug/l	86
78) n-propylbenzene	11.67	91	1013080	22.386	ug/l	90
79) 2-Chlorotoluene	11.80	91	574874	22.200	ug/l	97
80) 1,3,5-Trimethylbenzene	11.90	105	668908	21.823	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.94	75	44273m	19.710	ug/l	
82) 4-Chlorotoluene	11.98	91	574664	22.582	ug/l	99
83) tert-Butylbenzene	12.19	119	692182	22.790	ug/l	97
84) 1,2,4-Trimethylbenzene	12.27	105	645240	22.202	ug/l	95
85) sec-Butylbenzene	12.37	105	904741	22.607	ug/l	98
86) p-Isopropyltoluene	12.52	119	724456	21.748	ug/l	95
87) 1,3-Dichlorobenzene	12.54	146	349177	21.024	ug/l	98
88) 1,4-Dichlorobenzene	12.63	146	337898	21.800	ug/l	93
89) n-Butylbenzene	12.90	91	758322	22.630	ug/l	90
90) Hexachloroethane	12.97	117	181038	22.283	ug/l	81
91) 1,2-Dichlorobenzene	13.00	146	316575	21.686	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.69	75	21122	24.222	ug/l	93

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBSD01

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Quant Time: Jun 04 09:12:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	210309	20.982	ug/l	97
94) Hexachlorobutadiene	14.23	225	144912	20.898	ug/l	99
95) Naphthalene	14.49	128	352761	21.482	ug/l	99
96) 1,2,3-Trichlorobenzene	14.64	180	187514	20.494	ug/l	99

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

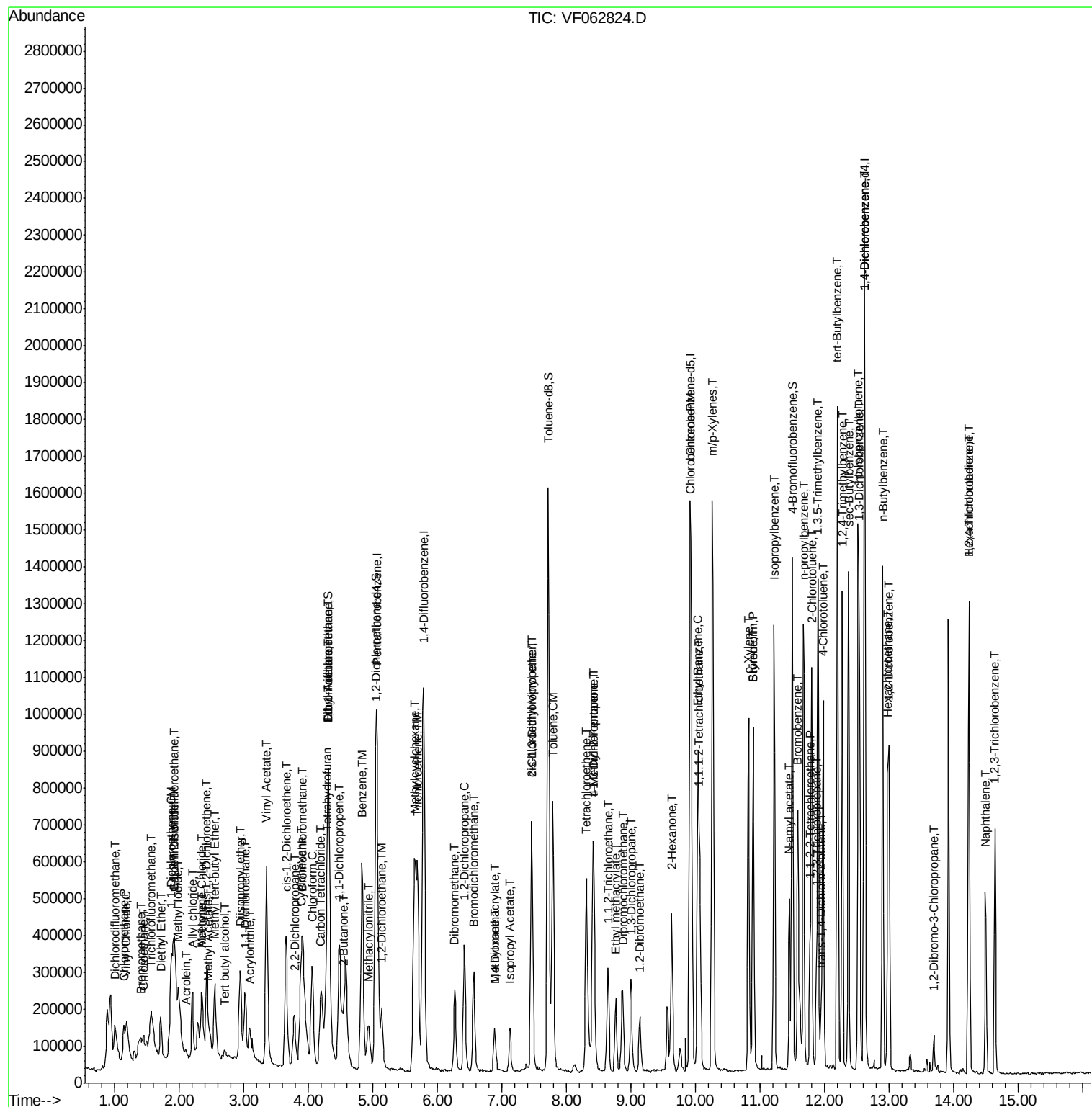
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060319\
 Data File : VF062824.D
 Acq On : 3 Jun 2019 13:04
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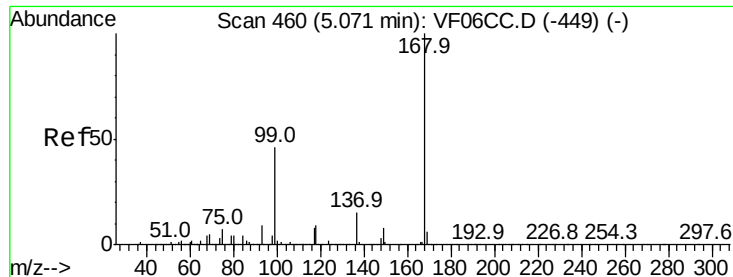
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0603SBSD01

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

ClientSampleId :

VF0603SBS01

Tot Ion:168 Resp: 850931

Ion Ratio Lower Upper

168 100

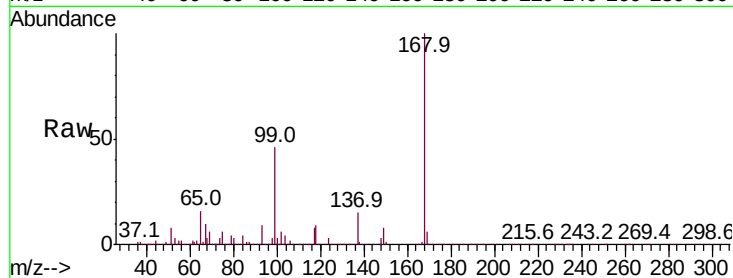
99 45.7 39.1 58.7

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

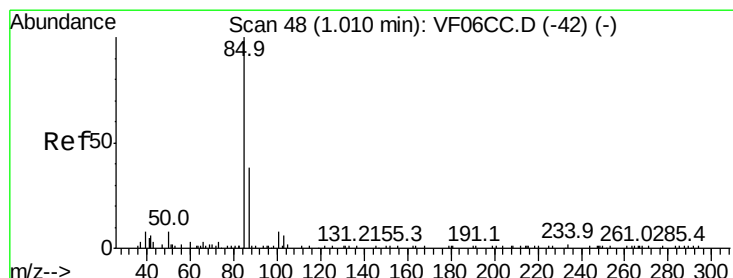
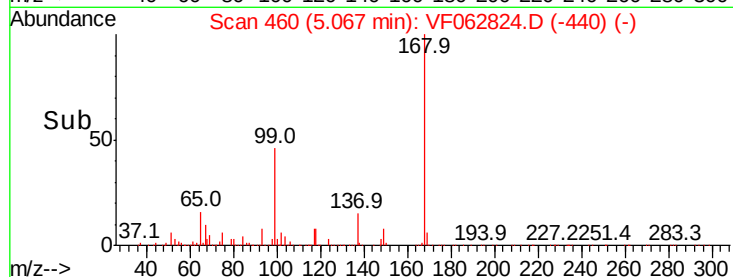
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.624 ug/l

RT: 1.01 min Scan# 48

Delta R.T. -0.01 min

Lab File: VF062824.D

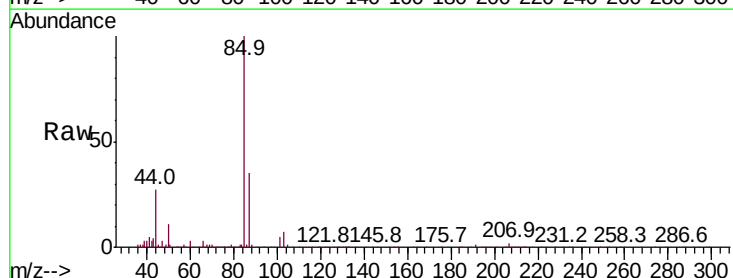
Acq: 3 Jun 2019 13:04

Tgt Ion: 85 Resp: 240527

Ion Ratio Lower Upper

85 100

87 35.4 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.01

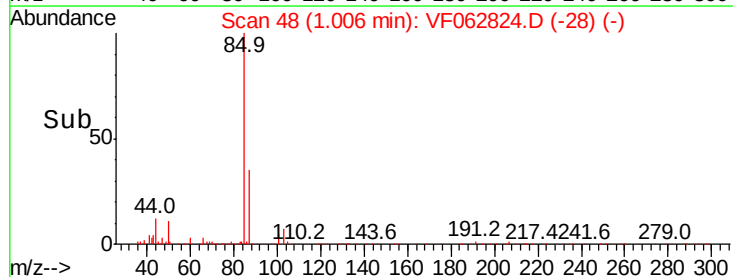
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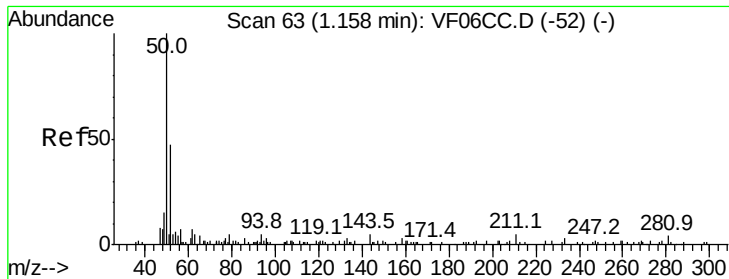
40000

20000

0

Time-->





#3

Chloromethane

Concen: 21.535 ug/l

RT: 1.14 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

ClientSampleId :

VF0603SBSD01

Tot Ion: 50 Resp: 189608

Ion Ratio Lower Upper

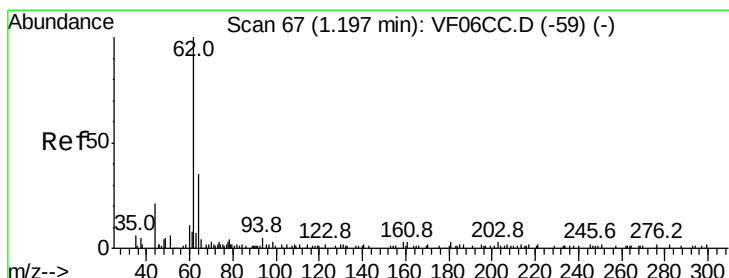
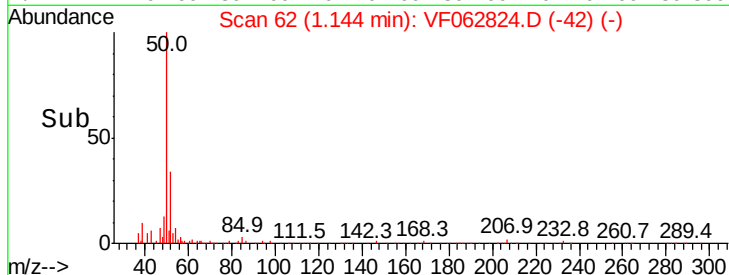
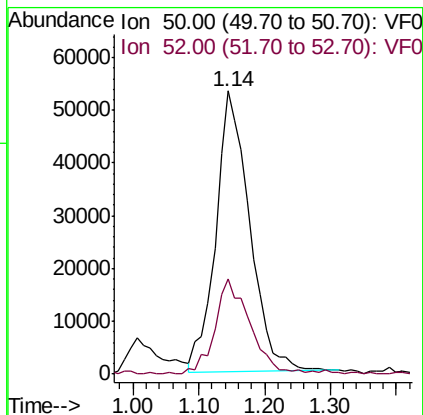
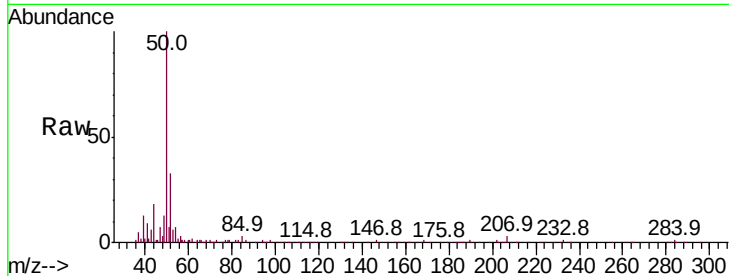
50 100

52 33.5 27.0 40.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.010 ug/l

RT: 1.19 min Scan# 67

Delta R.T. -0.01 min

Lab File: VF062824.D

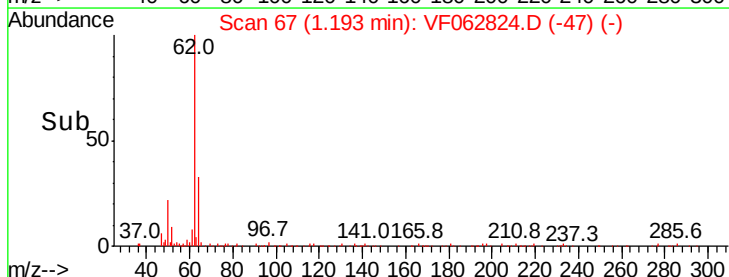
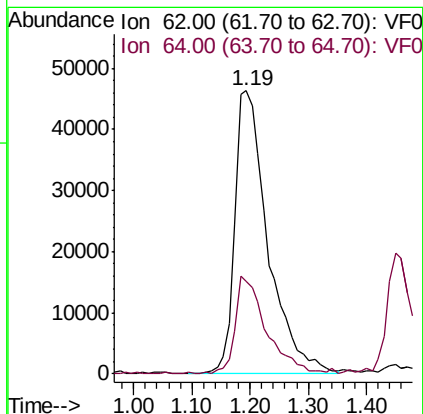
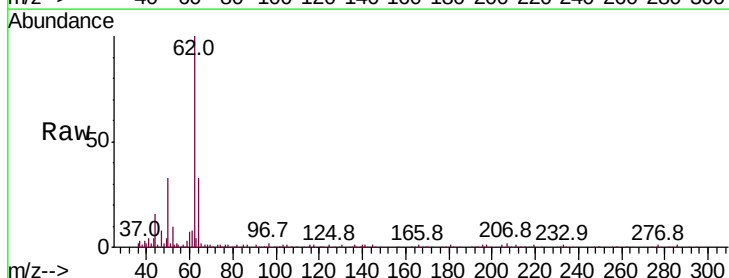
Acq: 3 Jun 2019 13:04

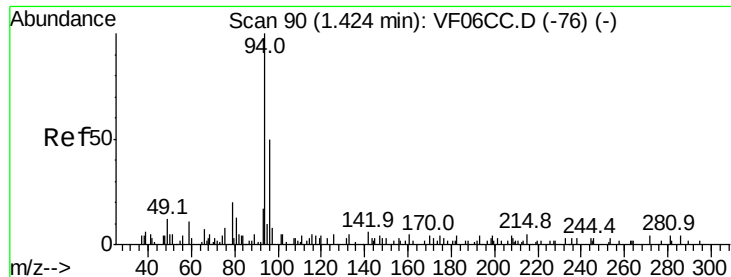
Tgt Ion: 62 Resp: 183830

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.2





#5

Bromomethane

Concen: 20.966 ug/l

RT: 1.40 min Scan# 88

Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

ClientSampleId :

VF0603SBS01

Tot Ion: 94 Resp: 104615

Ion Ratio Lower Upper

94 100

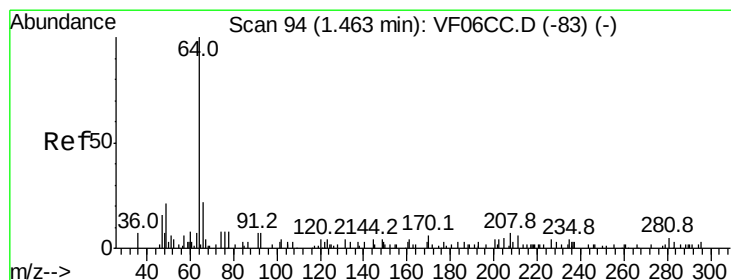
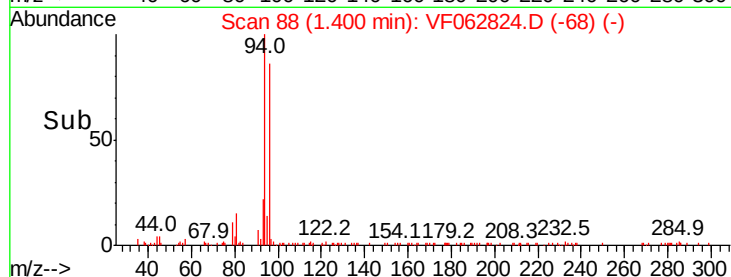
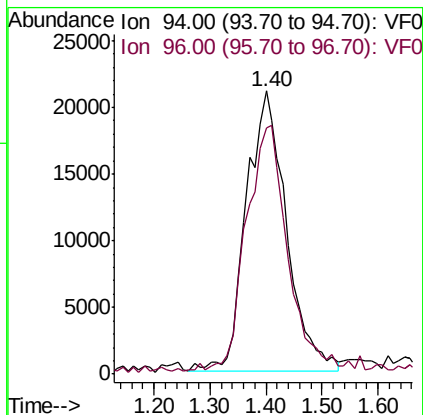
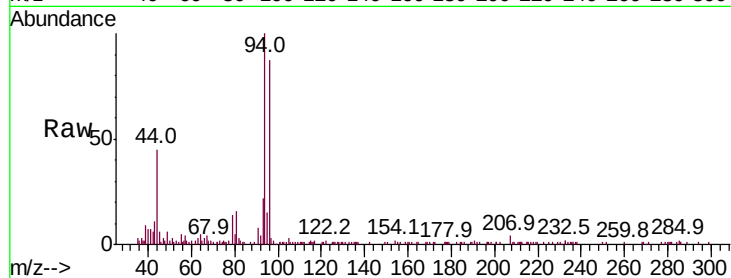
96 87.2 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 18.271 ug/l

RT: 1.45 min Scan# 93

Delta R.T. -0.02 min

Lab File: VF062824.D

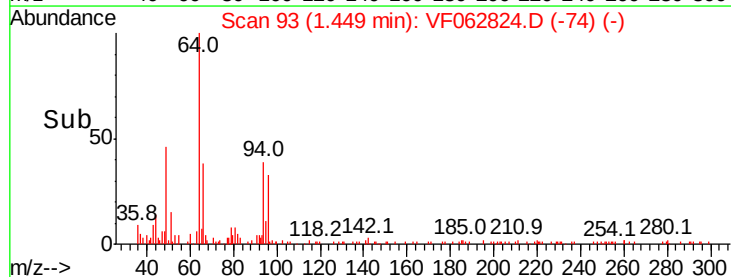
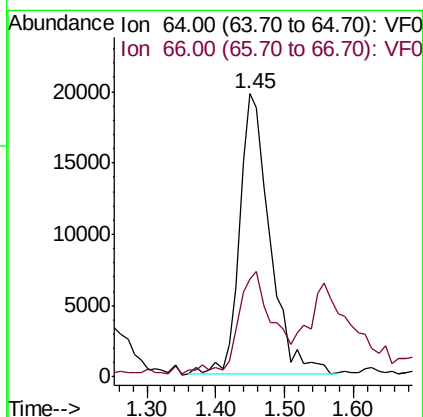
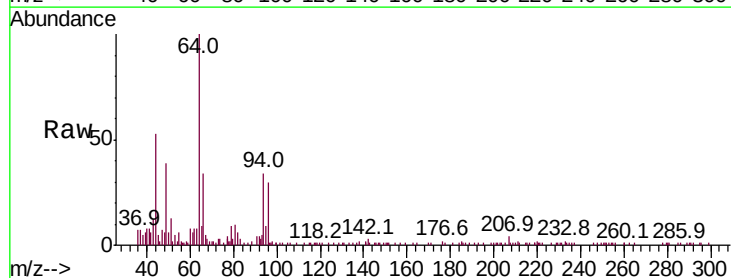
Acq: 3 Jun 2019 13:04

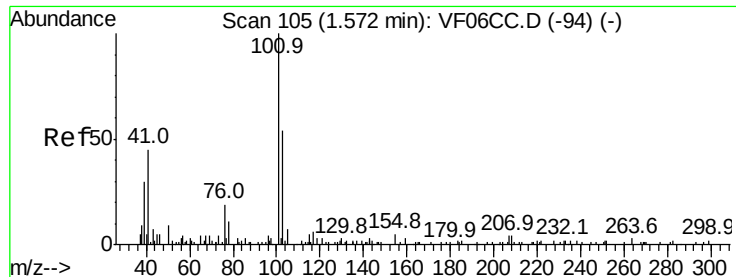
Tgt Ion: 64 Resp: 59772

Ion Ratio Lower Upper

64 100

66 34.5 31.0 46.4





#7

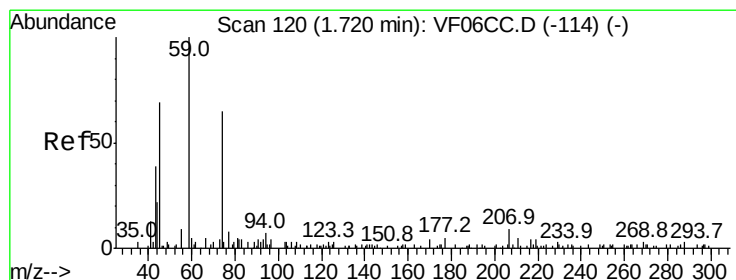
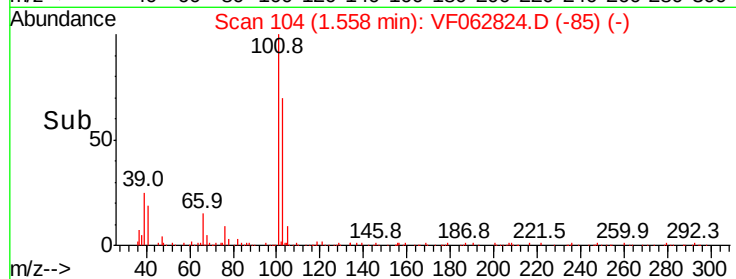
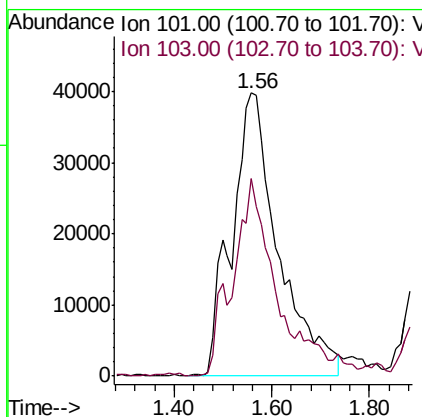
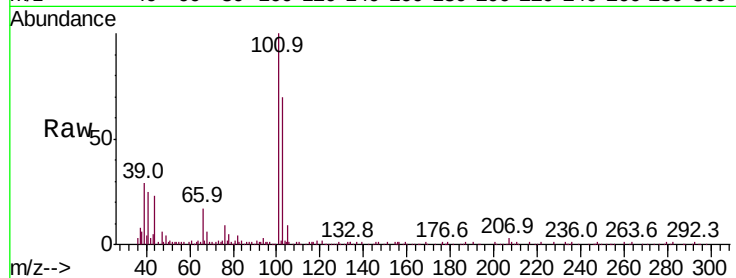
Trichlorofluoromethane
 Concen: 21.412 ug/l
 RT: 1.56 min Scan# 104
 Delta R.T. -0.02 min
 Lab File: VF062824.D
 Acq: 3 Jun 2019 13:04

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0603SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	70.0	54.6	82.0

Manual Integrations
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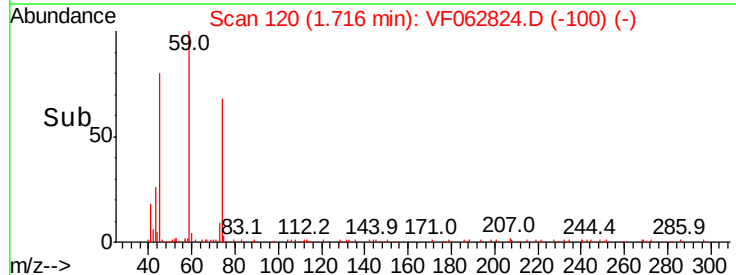
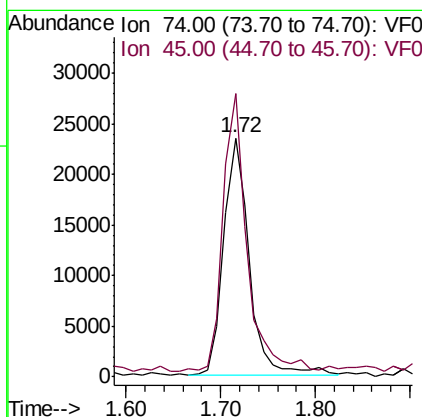
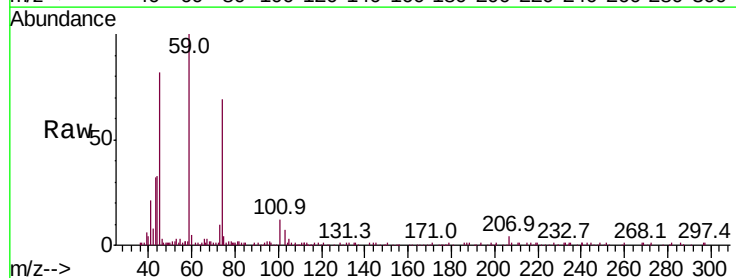
MMDadoda
 6/4/2019 12:15:48 PM

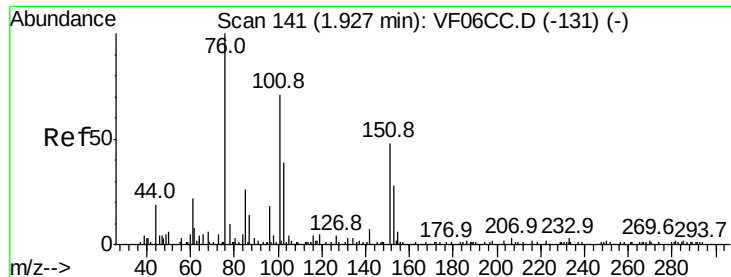


#8

Diethyl Ether
 Concen: 18.213 ug/l
 RT: 1.72 min Scan# 120
 Delta R.T. -0.01 min
 Lab File: VF062824.D
 Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.5	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.105 ug/l

RT: 1.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

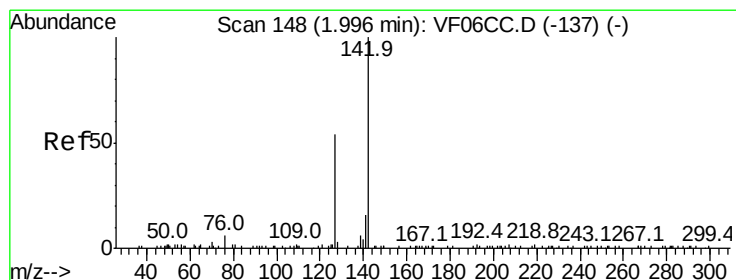
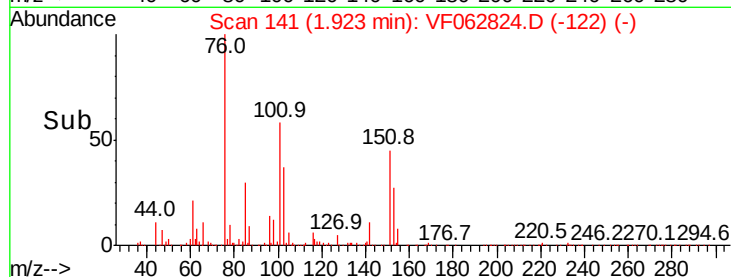
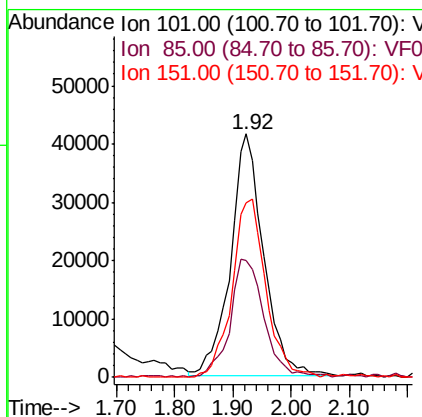
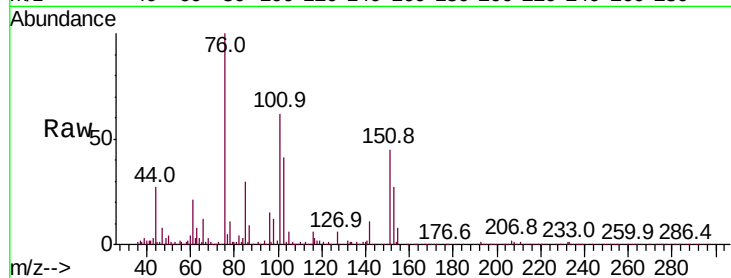
ClientSampleId :

VF0603SBS01

Tot Ion:	101	Resp:	164352
Ion Ratio	Lower	Upper	
101	100		
85	48.3	37.1	55.7
151	71.8	60.3	90.5

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 20.534 ug/l

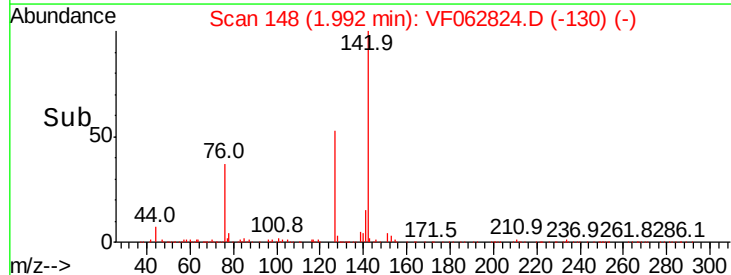
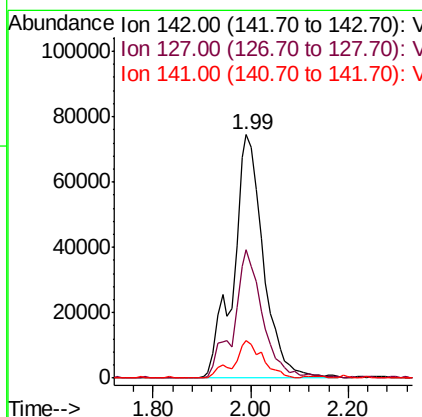
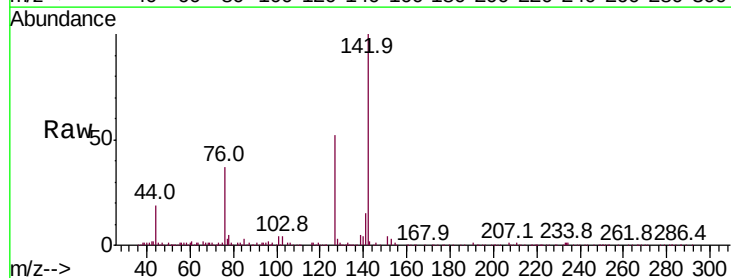
RT: 1.99 min Scan# 148

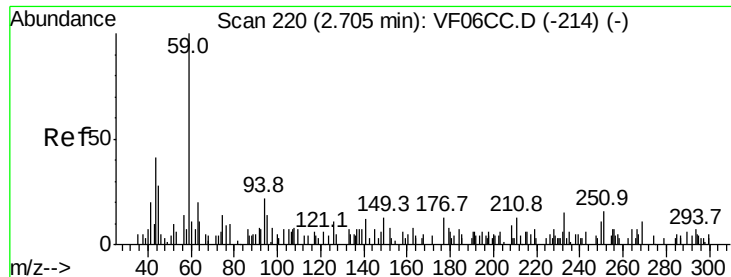
Delta R.T. -0.03 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tgt Ion:	142	Resp:	320622
Ion Ratio	Lower	Upper	
142	100		
127	52.5	39.4	59.2
141	15.2	10.6	15.8





#11

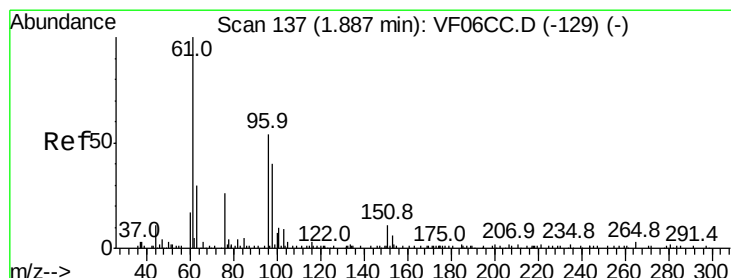
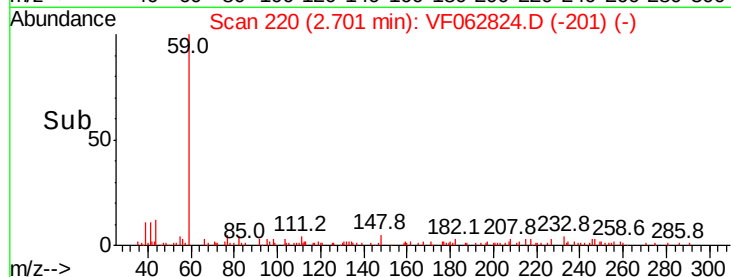
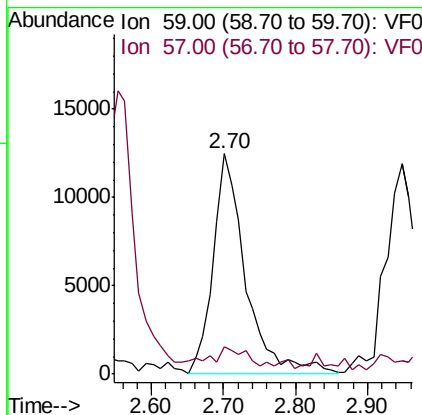
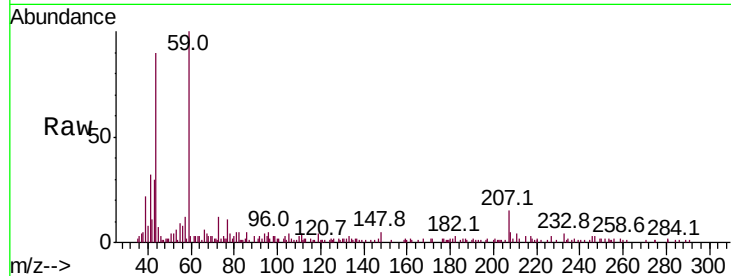
Tert butyl alcohol
Concen: 109.524 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.2	9.2	13.8

Manual Integrations
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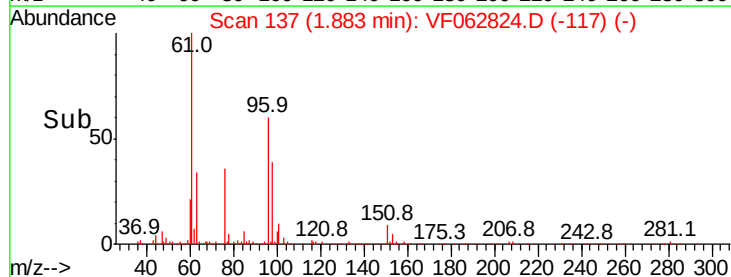
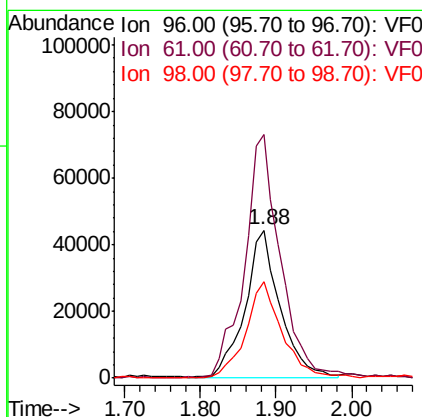
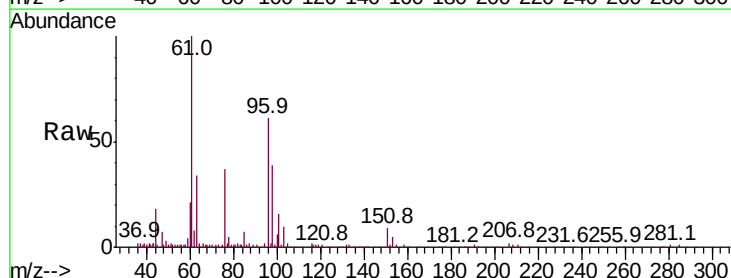
MMDadoda
6/4/2019 12:15:48 PM

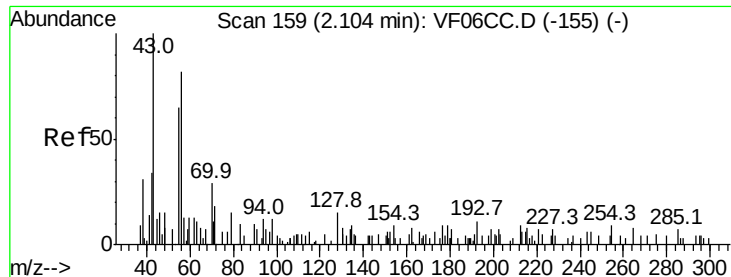


#12

1,1-Dichloroethene
Concen: 19.979 ug/l
RT: 1.88 min Scan# 137
Delta R.T. -0.01 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.7	139.4	209.2
98	65.0	50.3	75.5





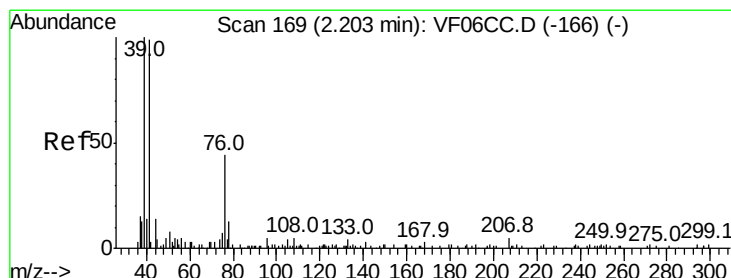
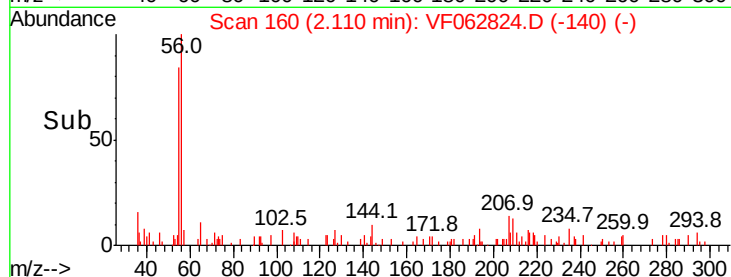
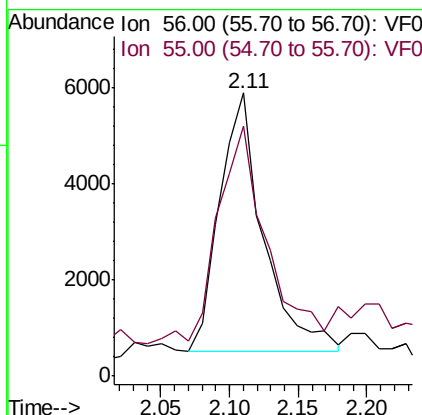
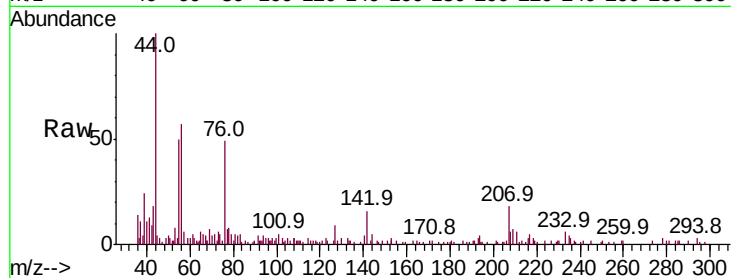
#13
Acrolein
Concen: 77.985 ug/l
RT: 2.11 min Scan# 160
Delta R.T. -0.01 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBSD01

Tot Ion: 56 Resp: 11907
Ion Ratio Lower Upper
56 100
55 88.5 52.9 79.3#

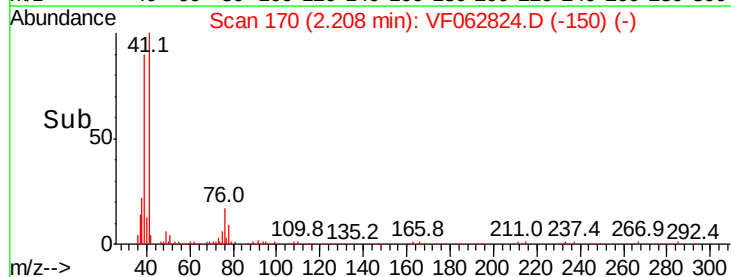
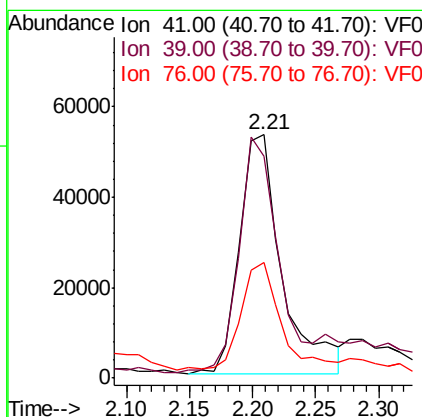
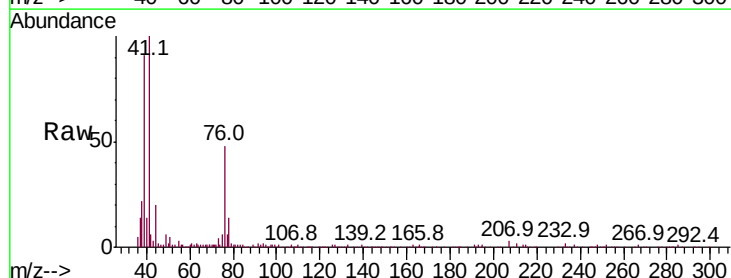
Manual Integrations
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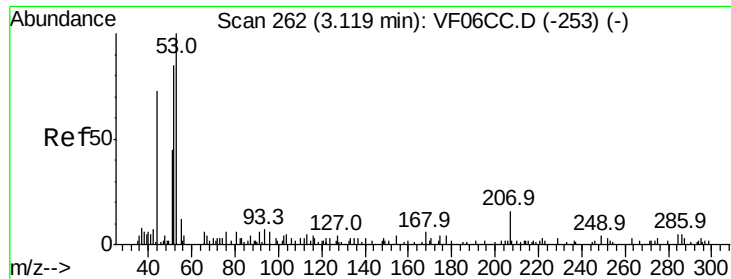
MMDadoda
6/4/2019 12:15:48 PM



#14
Allyl chloride
Concen: 22.564 ug/l
RT: 2.21 min Scan# 170
Delta R.T. -0.01 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion: 41 Resp: 123781
Ion Ratio Lower Upper
41 100
39 91.3 71.9 107.9
76 47.7 39.6 59.4





#15

Acrylonitrile

Concen: 75.720 ug/l

RT: 3.10 min Scan# 260

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

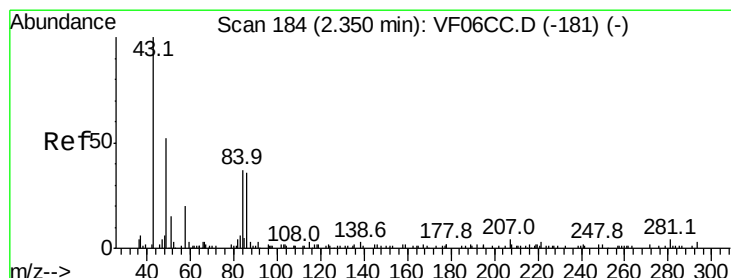
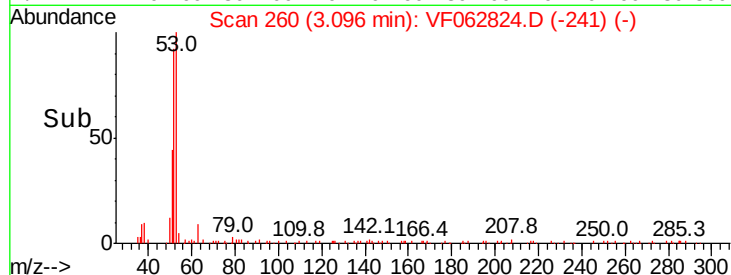
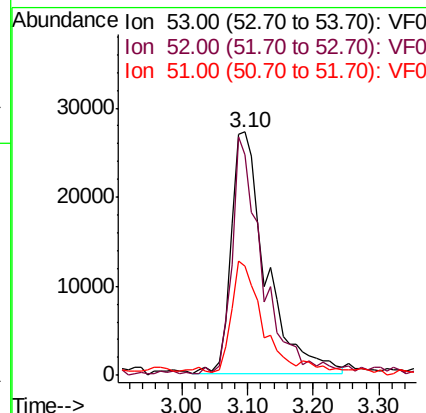
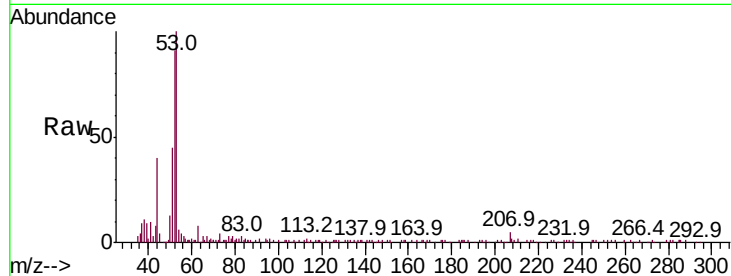
ClientSampleId :

VF0603SBS01

Tot Ion:	53	Resp:	101422
Ion Ratio	Lower	Upper	
53	100		
52	90.6	68.1	102.1
51	44.8	27.7	41.5#

Manual Integrations
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#16

Acetone

Concen: 89.656 ug/l

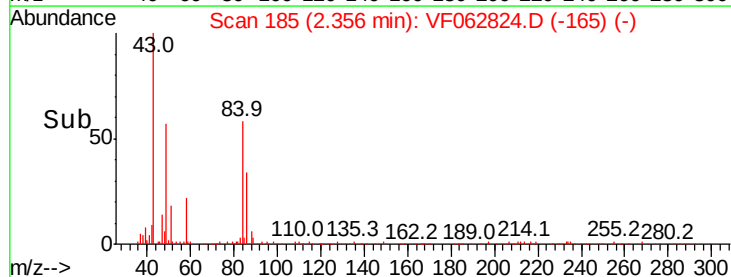
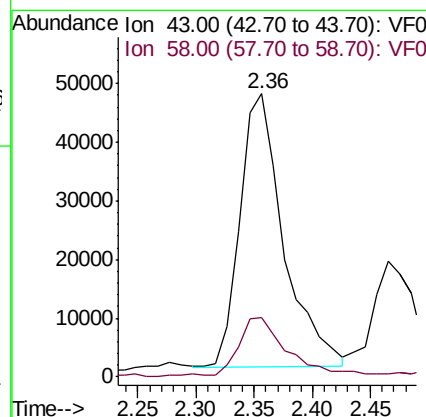
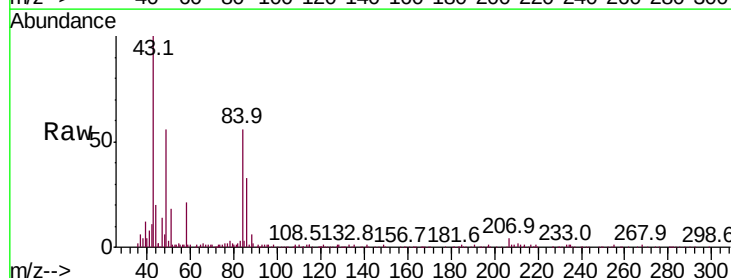
RT: 2.36 min Scan# 185

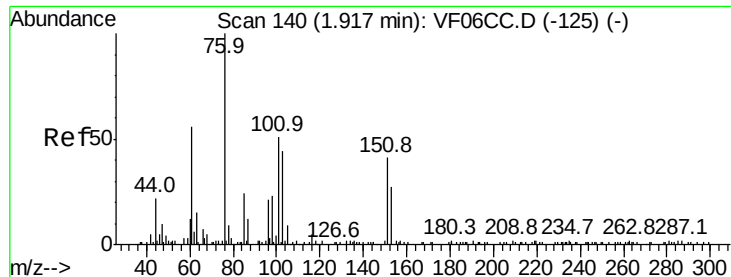
Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tgt Ion:	43	Resp:	120746
Ion Ratio	Lower	Upper	
43	100		
58	21.0	19.0	28.4





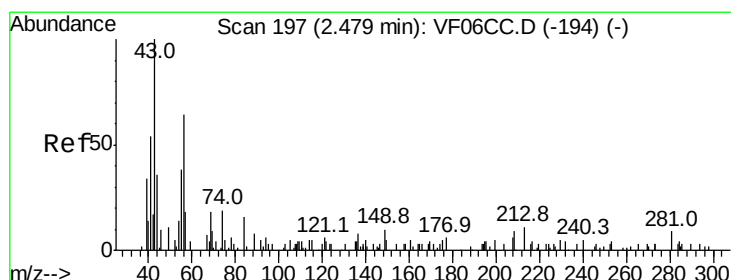
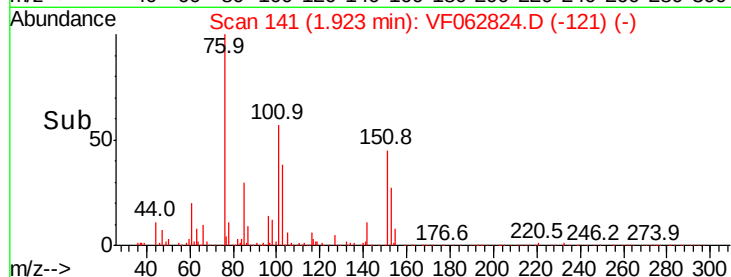
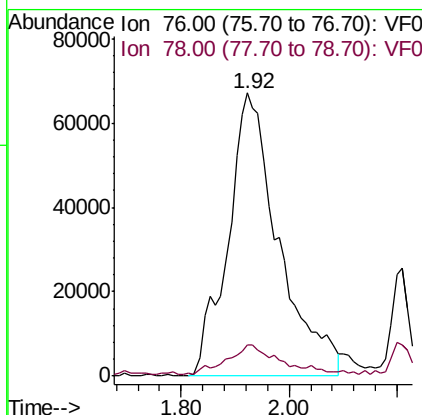
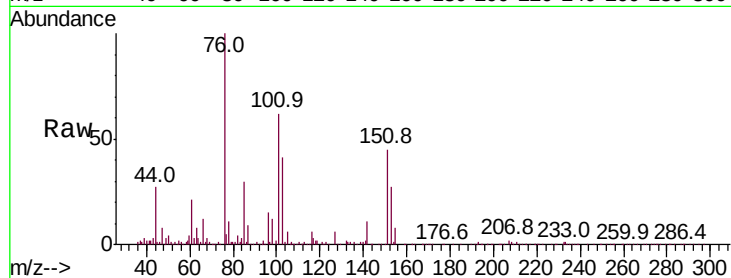
#17
Carbon Disulfide
Concen: 21.235 ug/l
RT: 1.92 min Scan# 141
Delta R.T. -0.01 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBSD01

Tot Ion: 76 Resp: 438870
Ion Ratio Lower Upper
76 100
78 11.2 9.4 14.2

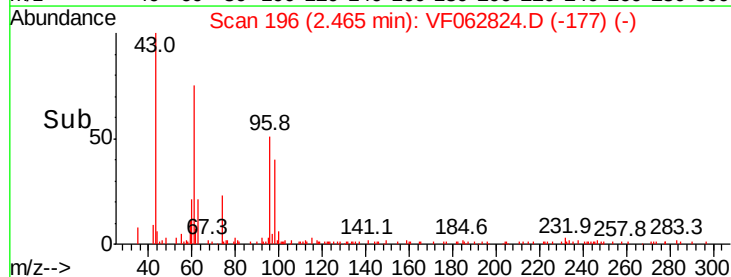
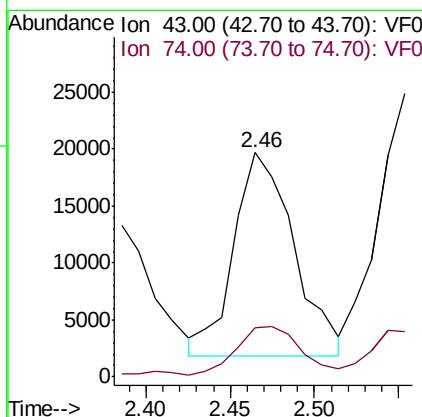
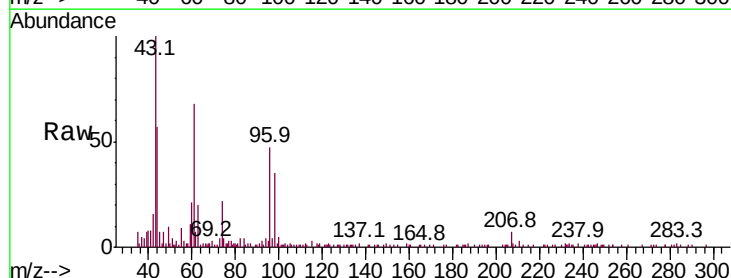
Manual Integrations
APPROVED

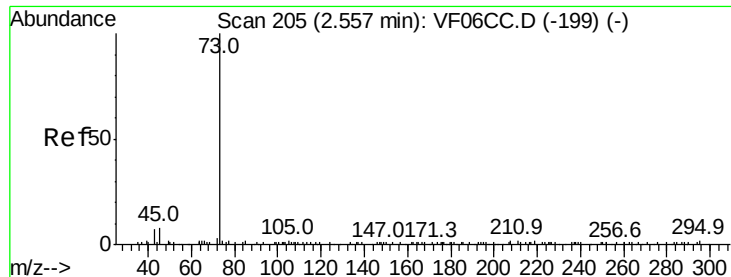
MMDadoda
6/4/2019 12:15:48 PM



#18
Methyl Acetate
Concen: 18.844 ug/l
RT: 2.46 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion: 43 Resp: 44348
Ion Ratio Lower Upper
43 100
74 21.8 22.1 33.1#





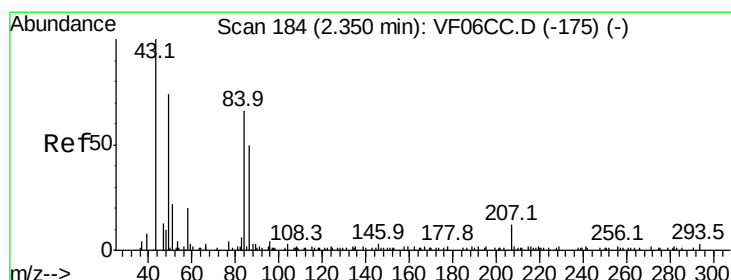
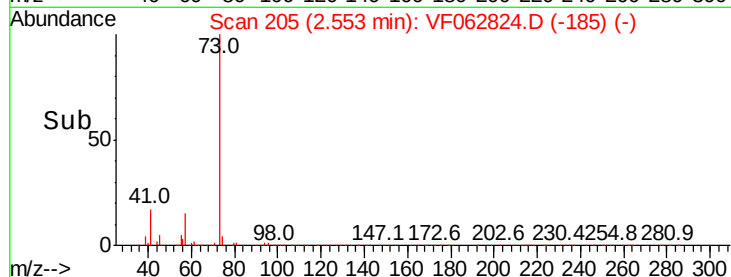
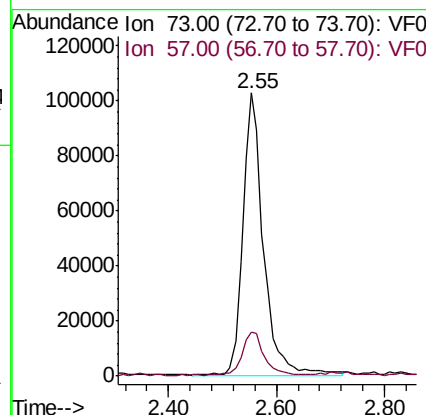
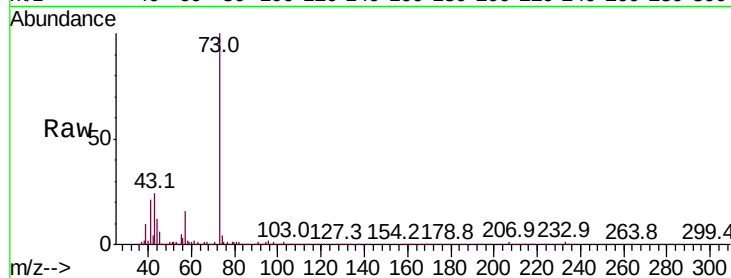
#19
Methyl tert-butyl Ether
Concen: 21.252 ug/l
RT: 2.55 min Scan# 205
Delta R.T. -0.01 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	15.6	15.1	22.7

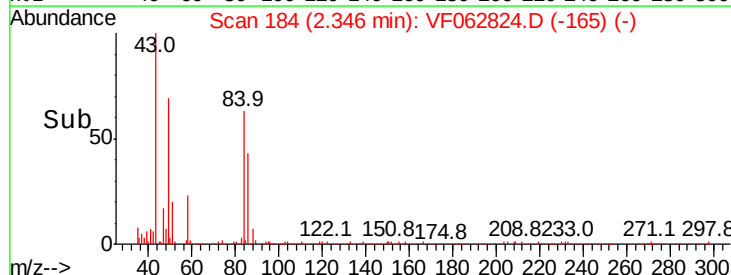
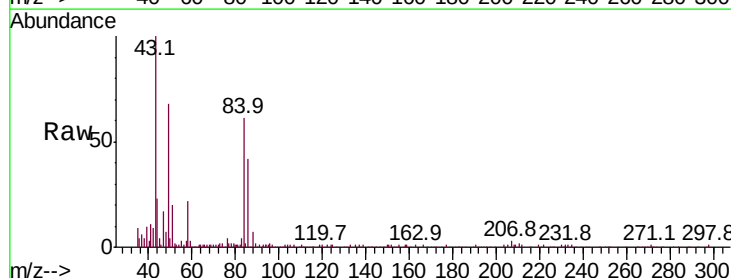
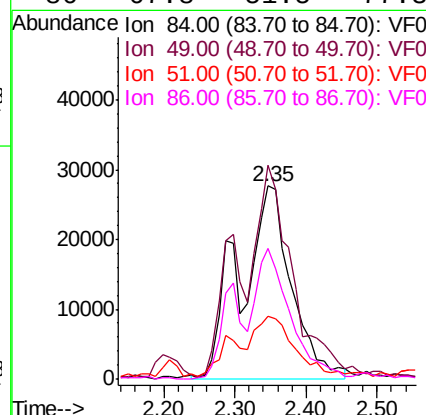
Manual Integrations
APPROVED

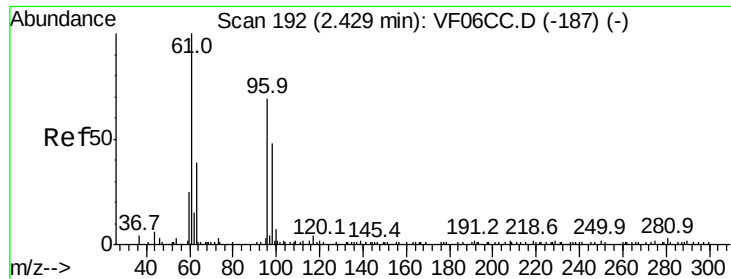
MMDadoda
6/4/2019 12:15:48 PM



#20
Methylene Chloride
Concen: 18.668 ug/l m
RT: 2.35 min Scan# 184
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.7	82.6	123.8
51	32.5	25.0	37.4
86	67.8	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 19.583 ug/l

RT: 2.43 min Scan# 192

Delta R.T. -0.02 min

Lab File: VF062824.D

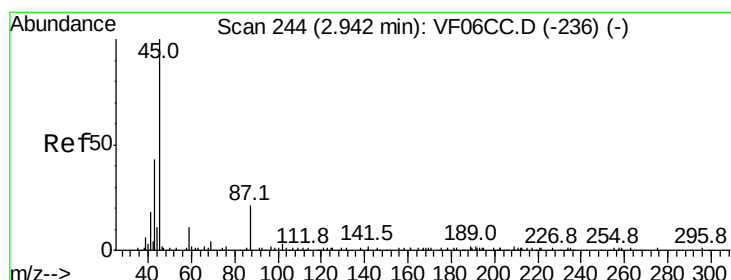
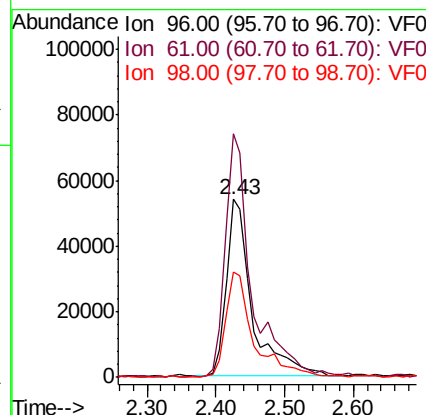
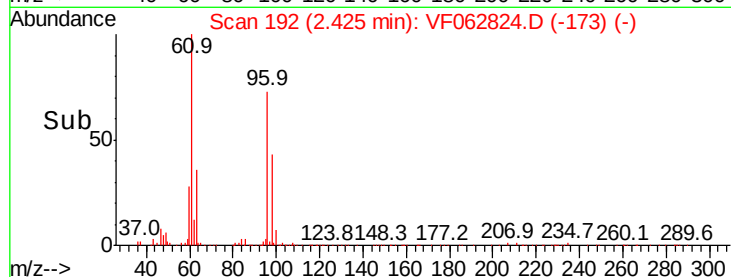
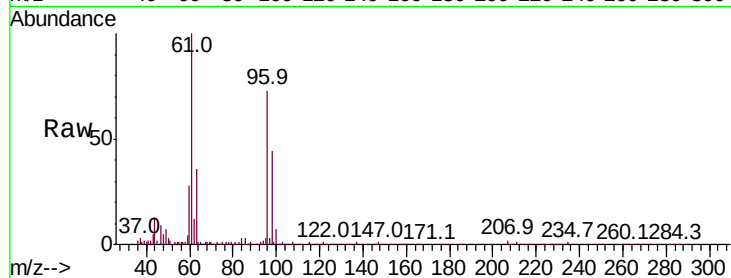
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.9	105.0	157.6
98	59.6	51.1	76.7

Manual Integrations
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6/4/2019 12:15:48 PM



#22

Diisopropyl ether

Concen: 19.480 ug/l

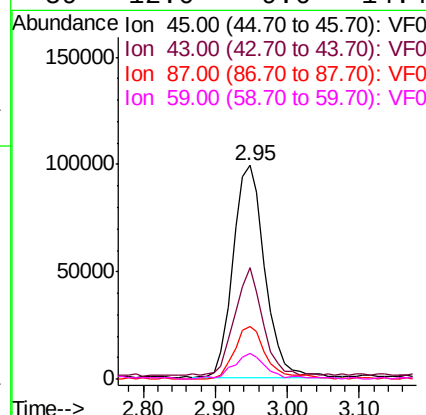
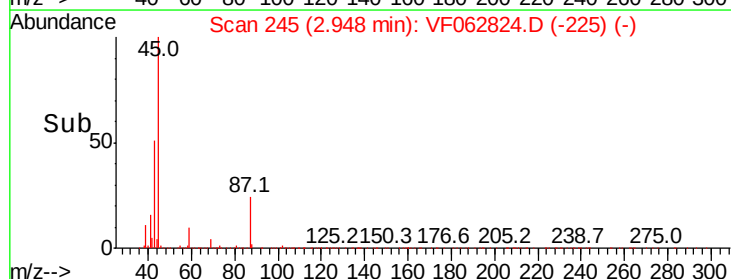
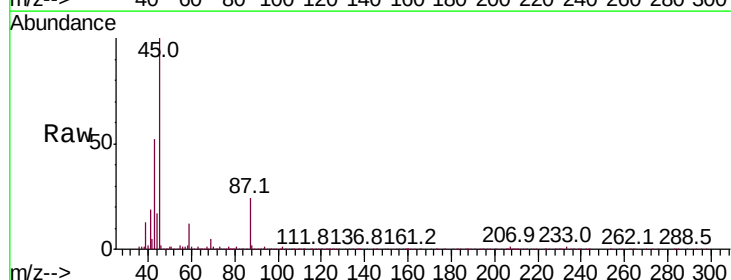
RT: 2.95 min Scan# 245

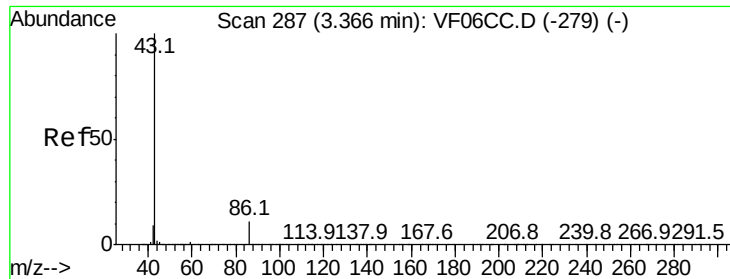
Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.2	34.3	51.5#
87	24.5	19.0	28.4
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 103.149 ug/l

RT: 3.35 min Scan# 286

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tot Ion: 43 Resp: 1100617

Ion Ratio Lower Upper

43 100

86 10.7 8.2 12.2

Instrument :

MSVOA_F

ClientSampleId :

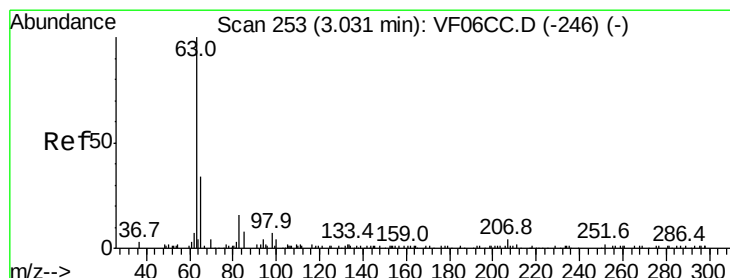
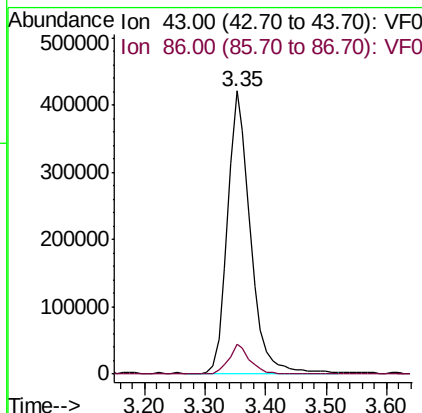
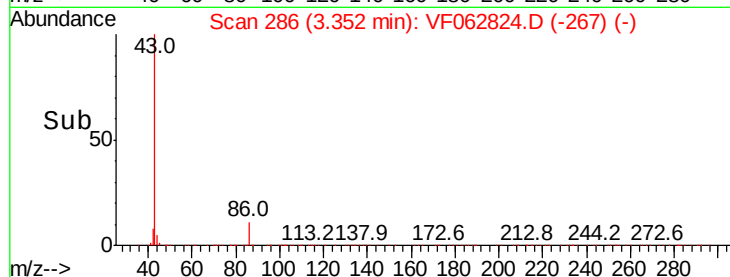
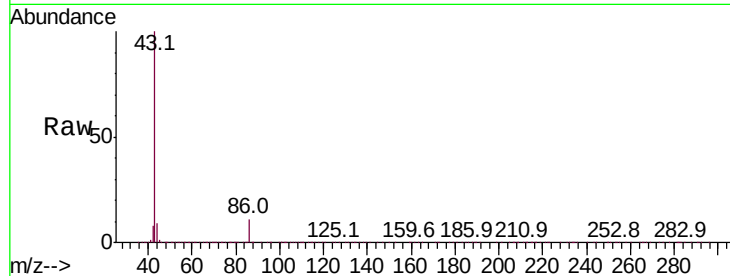
VF0603SBS01

Manual Integrations

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MMDadoda

6/4/2019 12:15:48 PM



#24

1,1-Dichloroethane

Concen: 20.253 ug/l

RT: 3.02 min Scan# 252

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

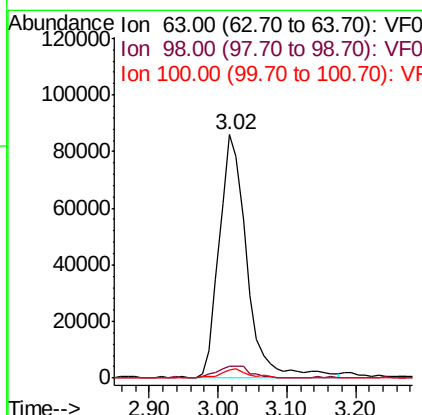
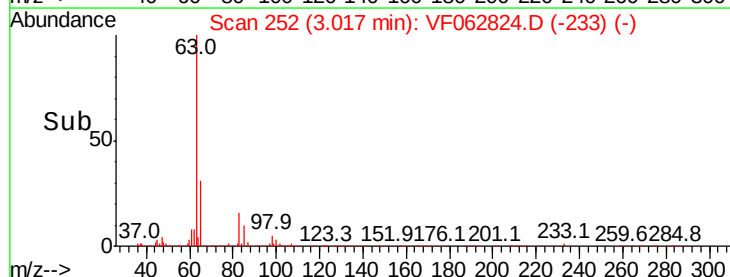
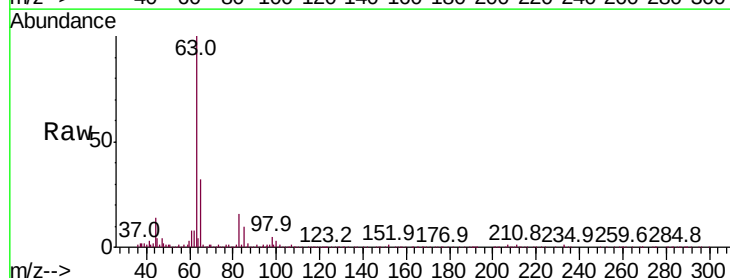
Tgt Ion: 63 Resp: 235681

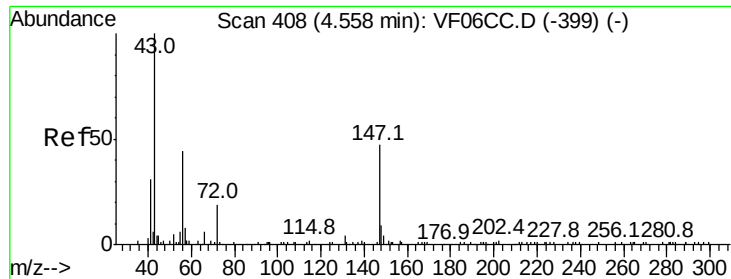
Ion Ratio Lower Upper

63 100

98 5.1 2.4 7.1

100 3.4 1.5 4.5





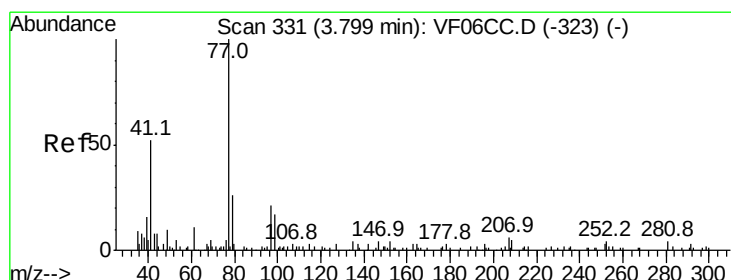
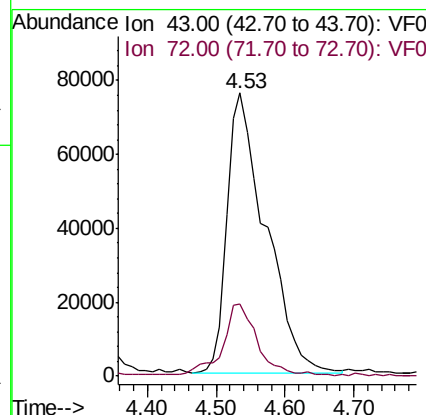
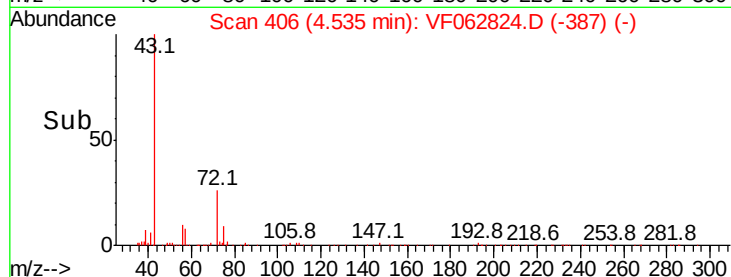
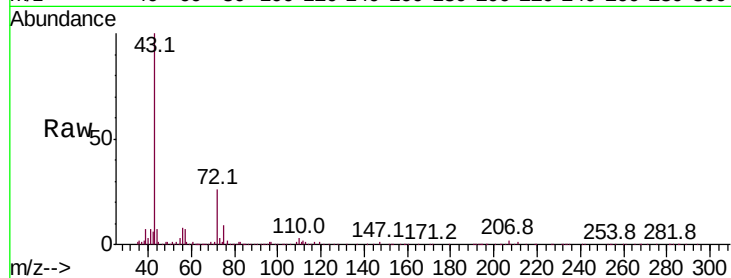
#25
2-Butanone
Concen: 94.450 ug/l
RT: 4.53 min Scan# 406
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.7	21.4	32.0

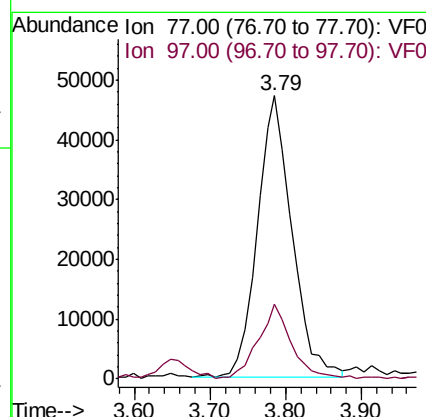
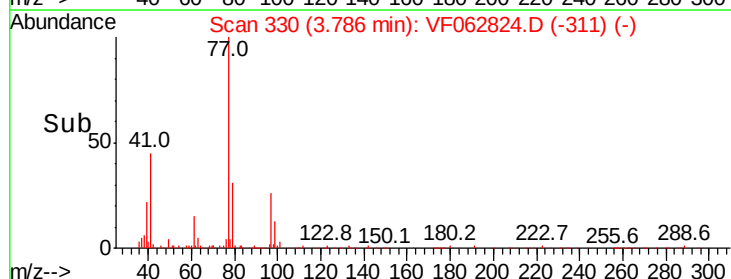
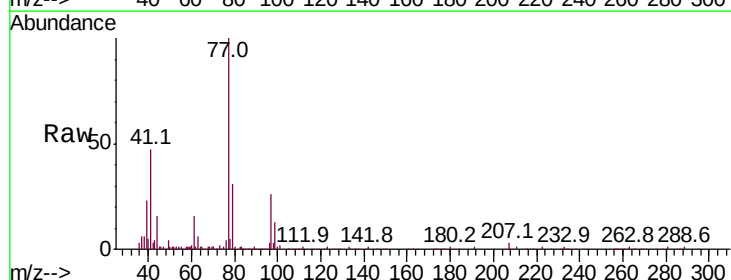
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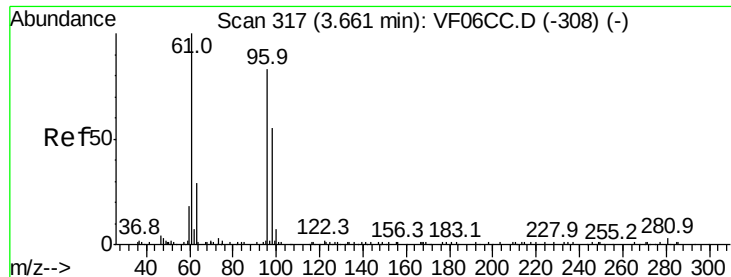
MMDadoda
6/4/2019 12:15:48 PM



#26
2,2-Dichloropropane
Concen: 22.581 ug/l
RT: 3.79 min Scan# 330
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
77	100		
97	26.4	12.4	37.4





#27

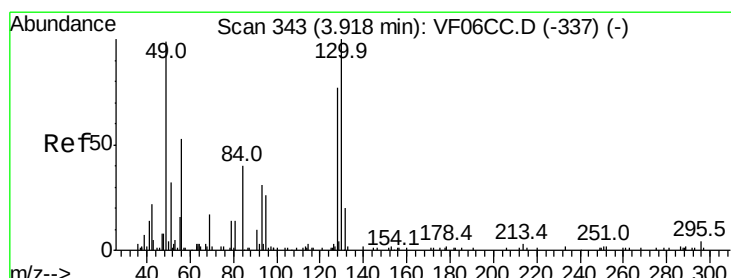
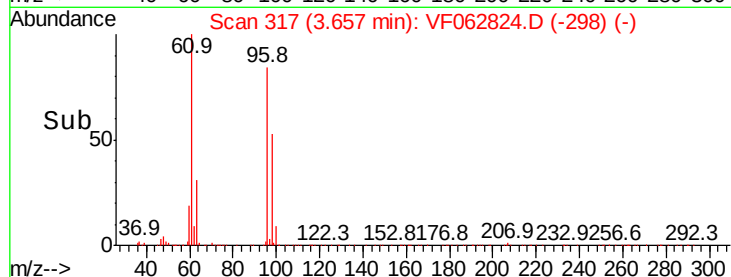
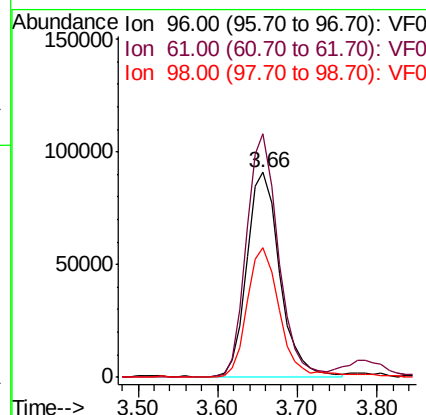
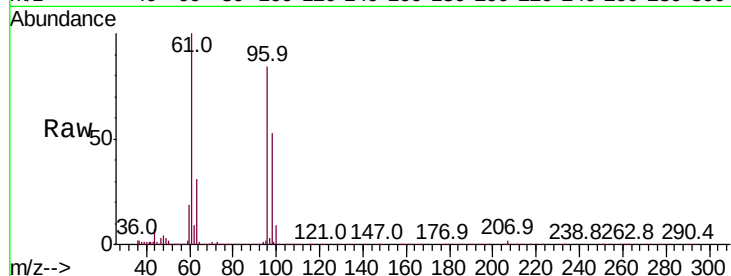
cis-1,2-Dichloroethene
Concen: 21.672 ug/l
RT: 3.66 min Scan# 317
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	258281		
61	119.0	0.0	213.8	
98	63.5	0.0	127.0	

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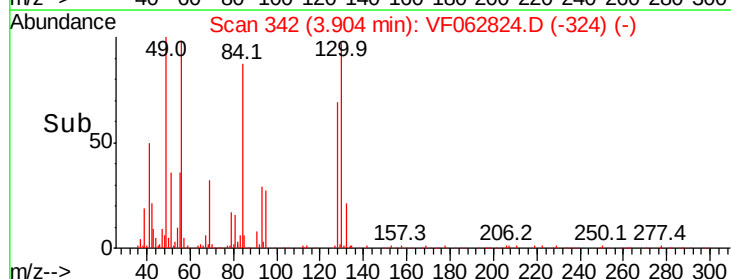
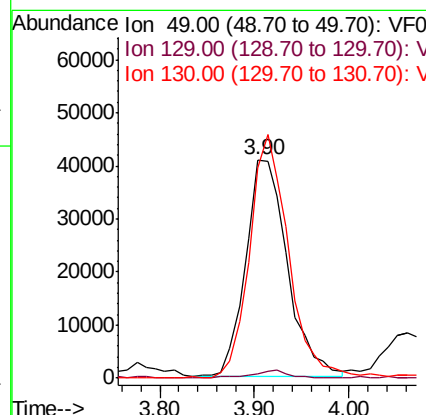
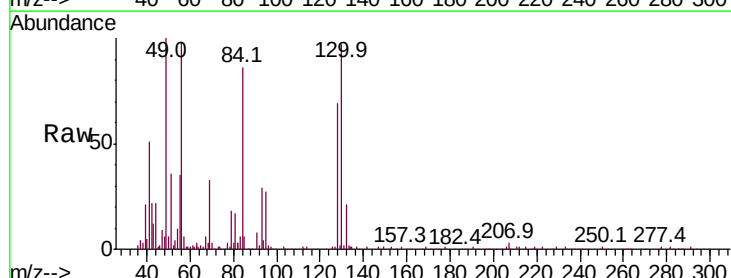
MMDadoda
6/4/2019 12:15:48 PM

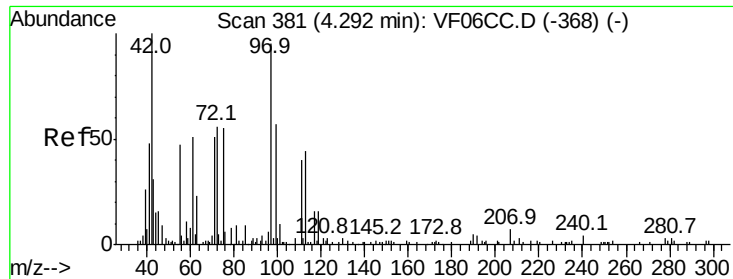


#28

Bromochloromethane
Concen: 19.888 ug/l
RT: 3.90 min Scan# 342
Delta R.T. -0.03 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	125893		
129	2.0	0.0	5.4	
130	96.6	79.2	118.8	





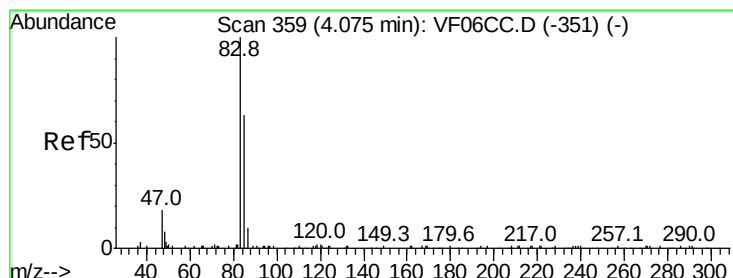
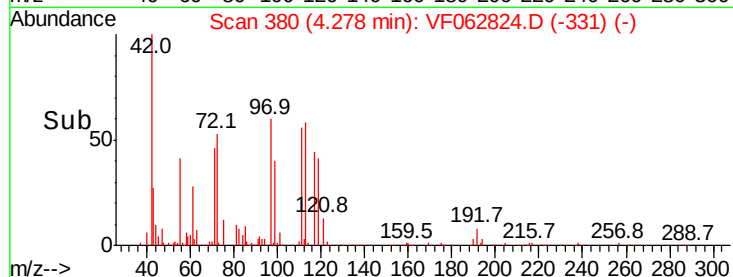
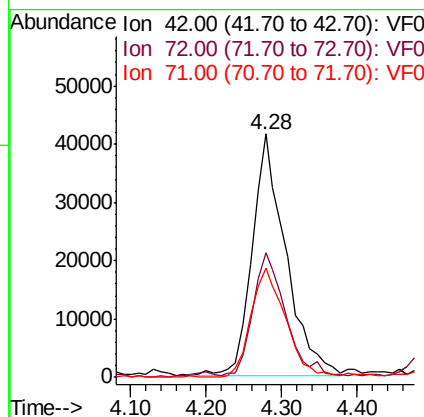
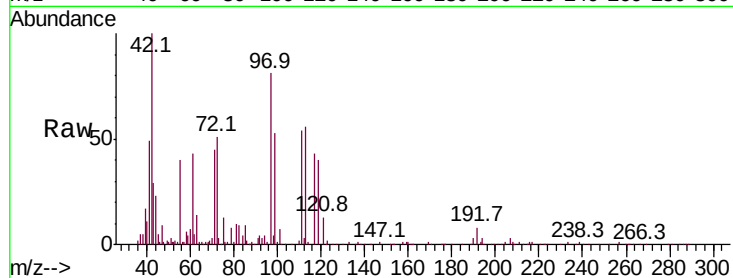
#29
Tetrahydrofuran
Concen: 107.335 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
42	100	128754		
72	51.1		39.0	58.6
71	46.2		36.9	55.3

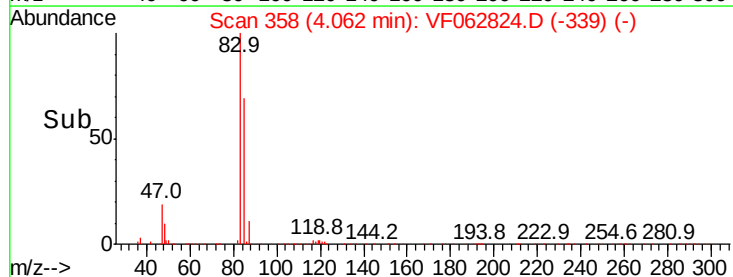
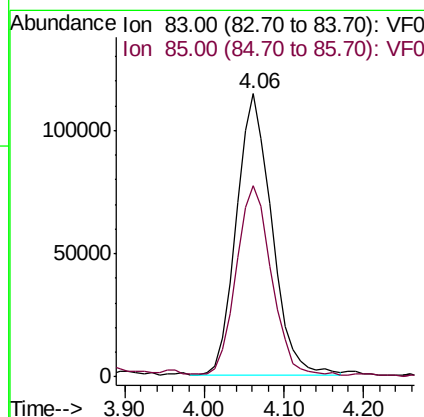
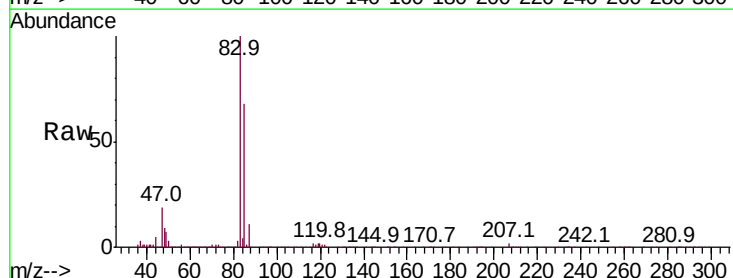
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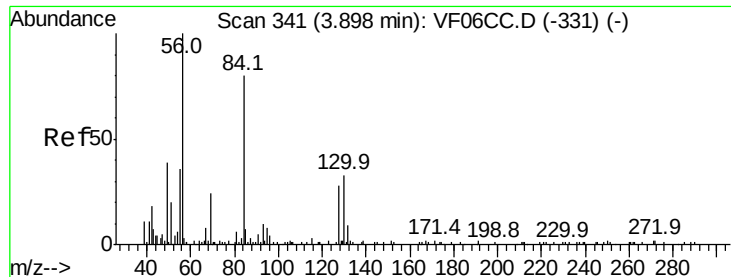
MMDadoda
6/4/2019 12:15:48 PM



#30
Chloroform
Concen: 21.472 ug/l
RT: 4.06 min Scan# 358
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	352165		
85	67.7		55.0	82.6





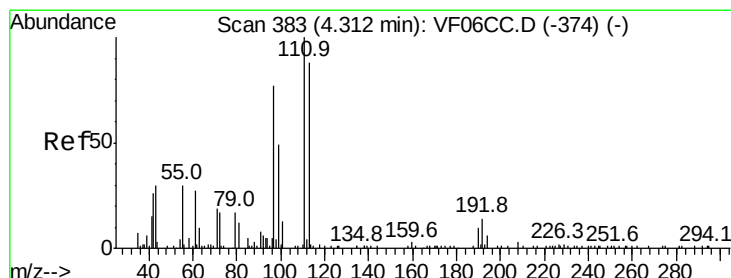
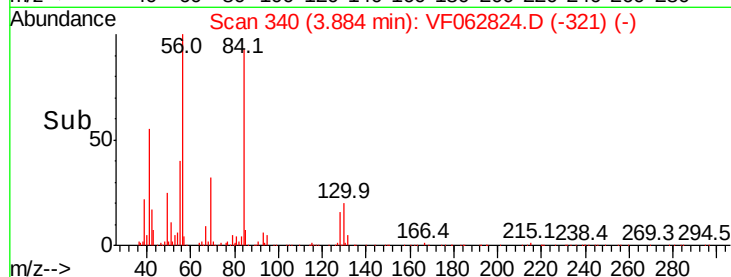
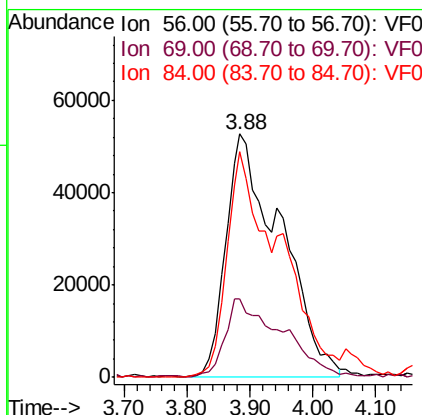
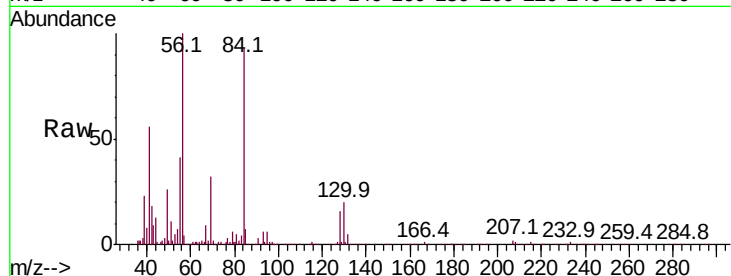
#31
Cyclohexane
Concen: 20.324 ug/l m
RT: 3.88 min Scan# 340
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.7	40.1
84	92.9	74.3	111.5

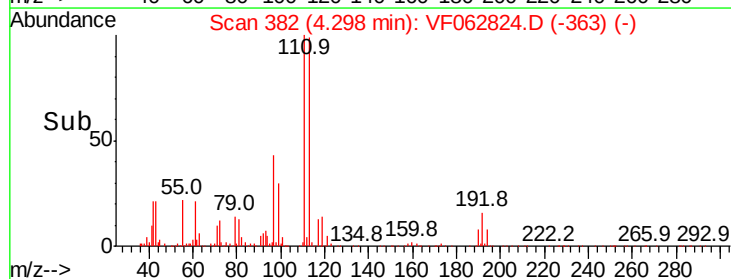
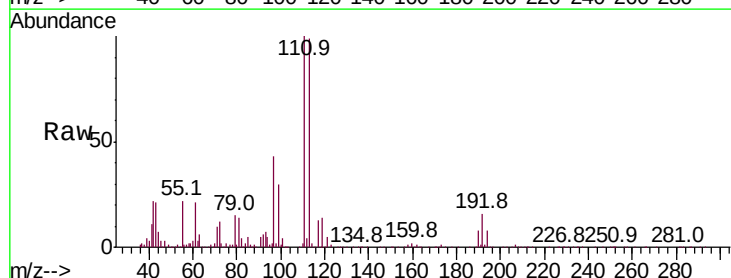
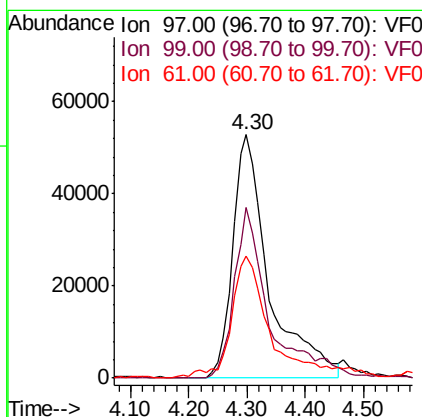
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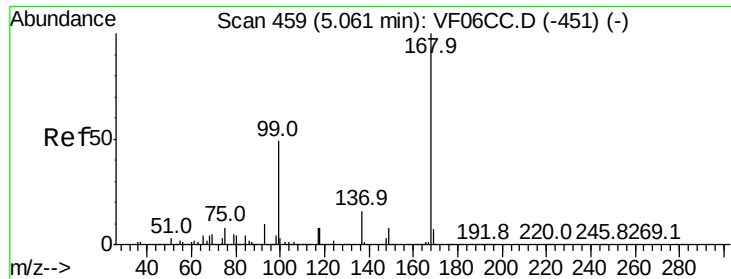
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#32
1,1,1-Trichloroethane
Concen: 24.022 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	70.2	51.7	77.5
61	50.0	38.9	58.3





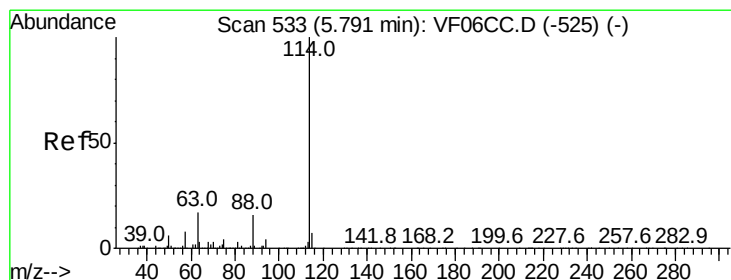
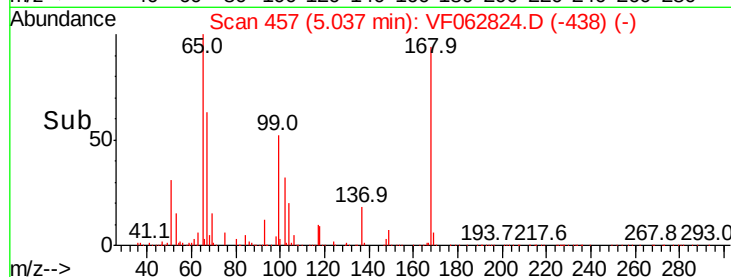
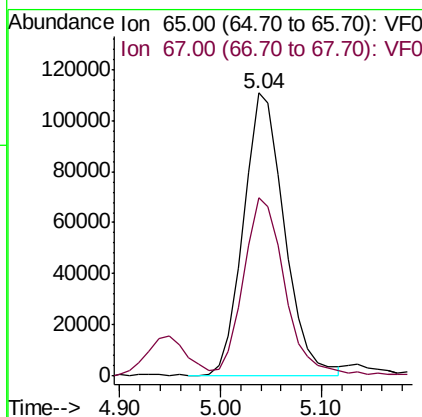
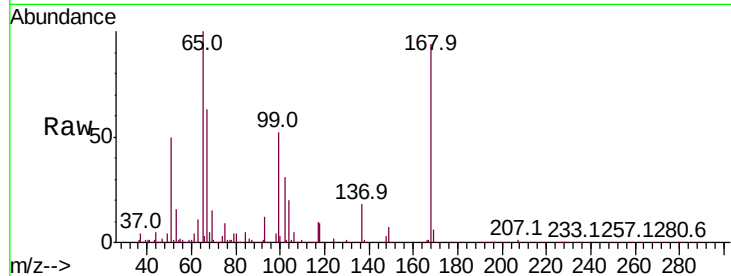
#33
 1,2-Dichloroethane-d4
 Concen: 52.963 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: VF062824.D
 Acq: 3 Jun 2019 13:04

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0603SBSD01

Tot Ion: 65 Resp: 311648
 Ion Ratio Lower Upper
 65 100
 67 63.2 0.0 121.2

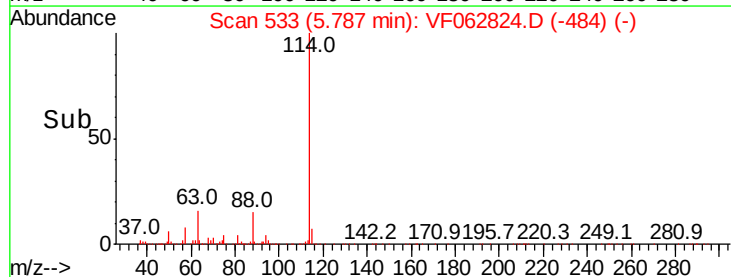
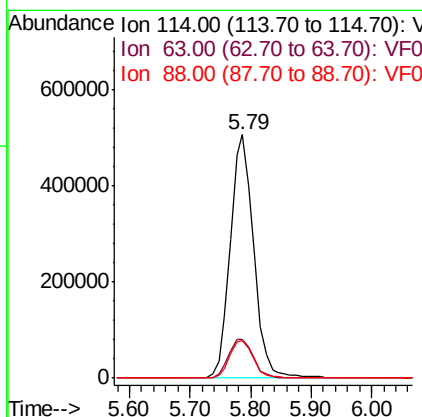
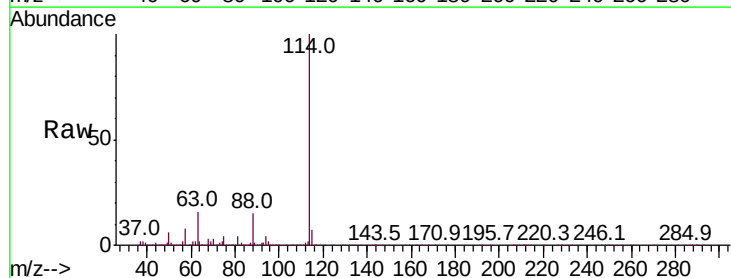
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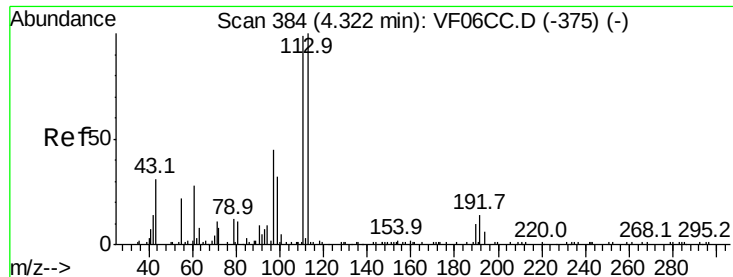
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VF062824.D
 Acq: 3 Jun 2019 13:04

Tgt Ion: 114 Resp: 1359644
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 34.2
 88 15.4 0.0 31.2





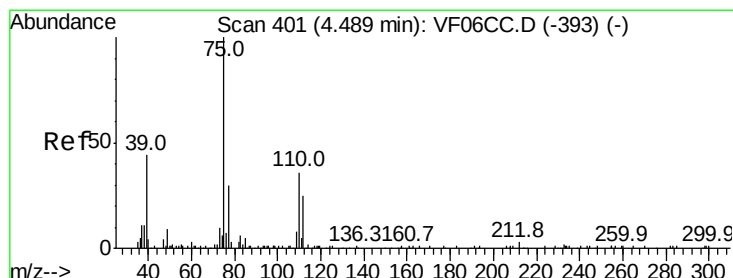
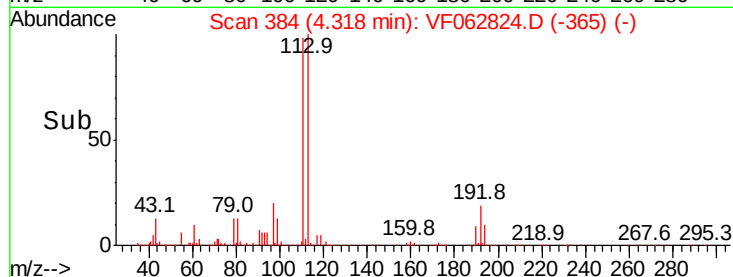
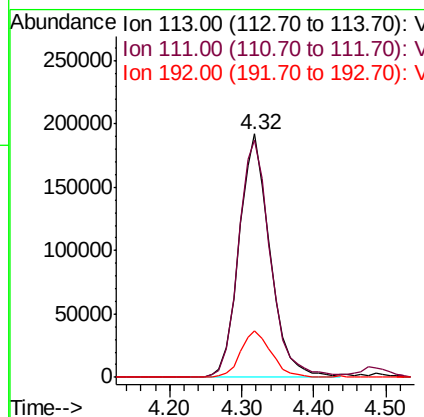
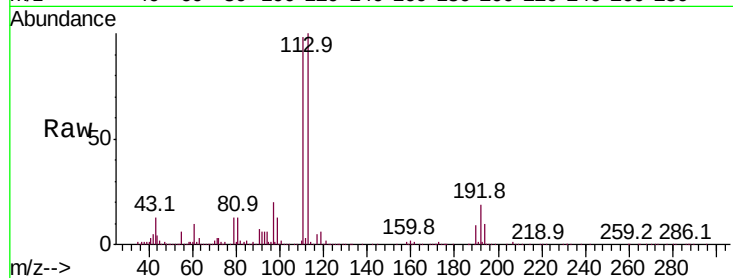
#35
Dibromofluoromethane
Concen: 55.869 ug/l
RT: 4.32 min Scan# 384
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	97.7	81.9	122.9
192	19.0	15.1	22.7

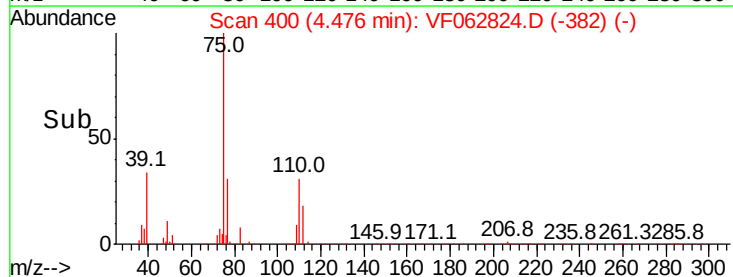
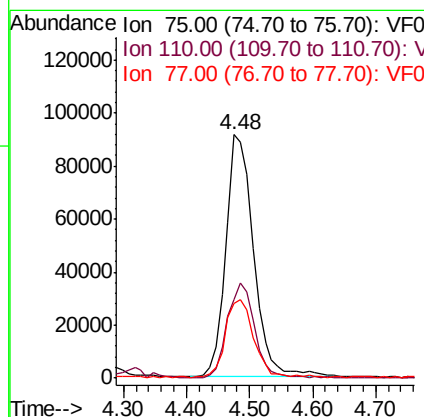
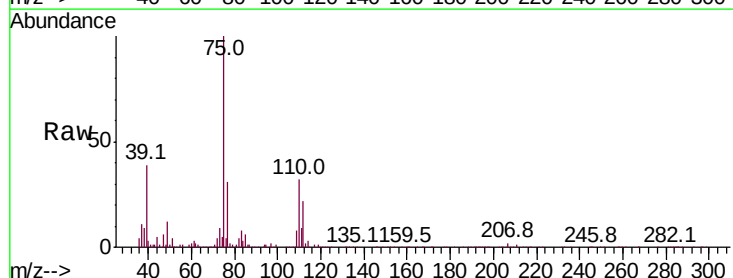
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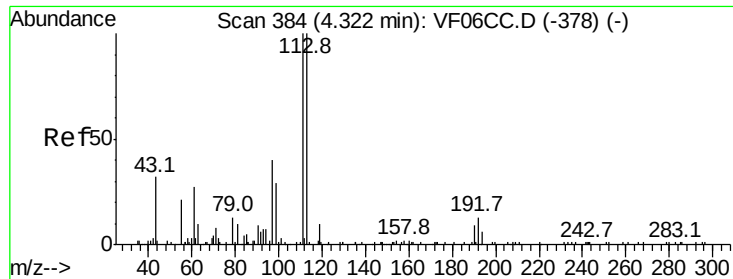
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#36
1,1-Dichloropropene
Concen: 22.348 ug/l
RT: 4.48 min Scan# 400
Delta R.T. -0.03 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.1	19.4	58.1
77	30.8	25.4	38.2





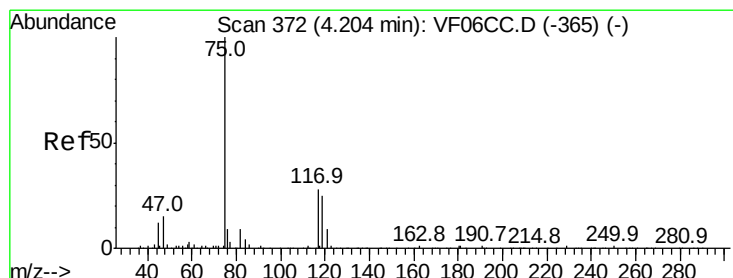
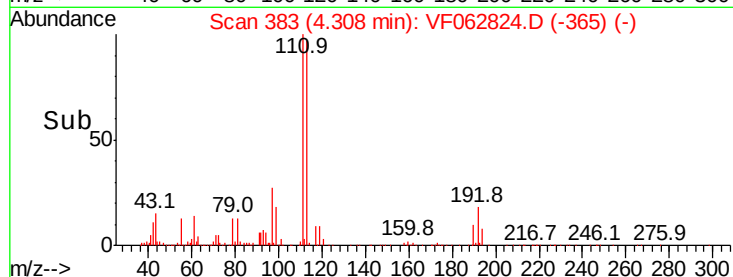
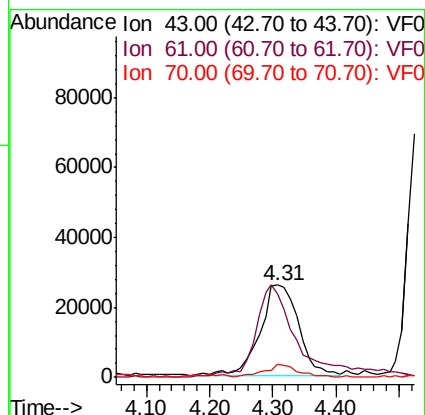
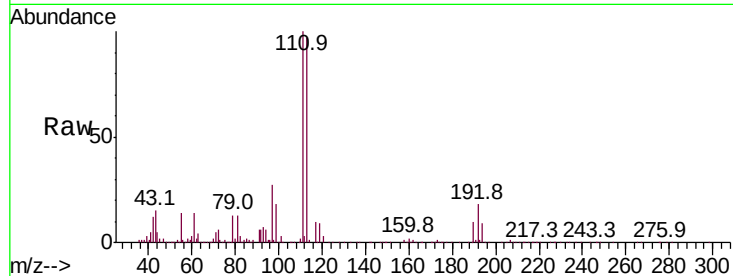
#37
Ethyl Acetate
Concen: 23.356 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.03 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	91.1	59.1	88.7#
70	13.9	10.1	15.1

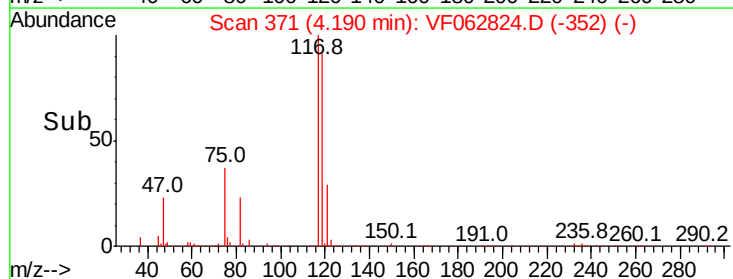
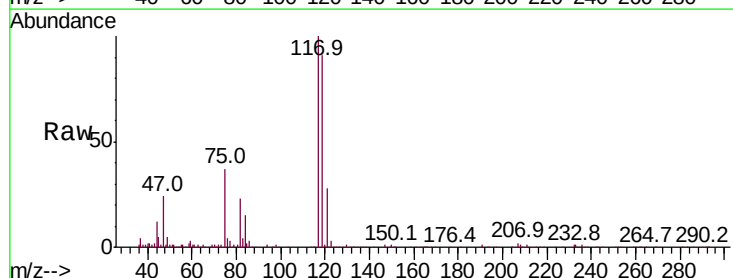
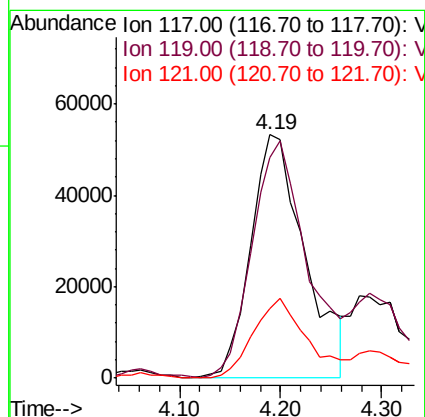
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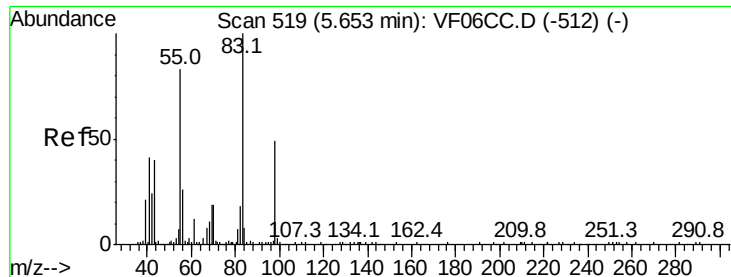
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#38
Carbon Tetrachloride
Concen: 23.391 ug/l
RT: 4.19 min Scan# 371
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.6	78.2	117.2
121	28.8	28.2	42.2





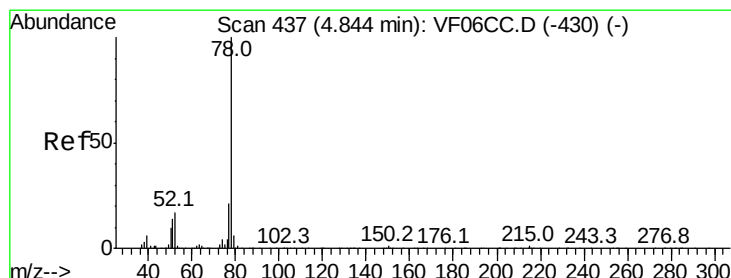
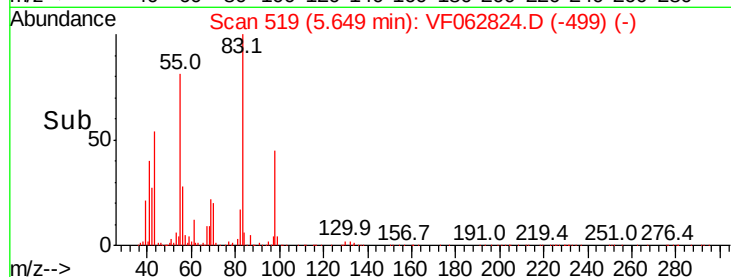
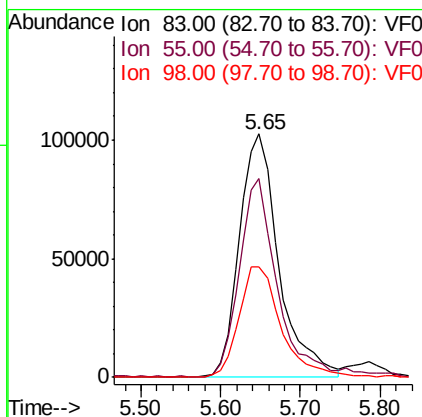
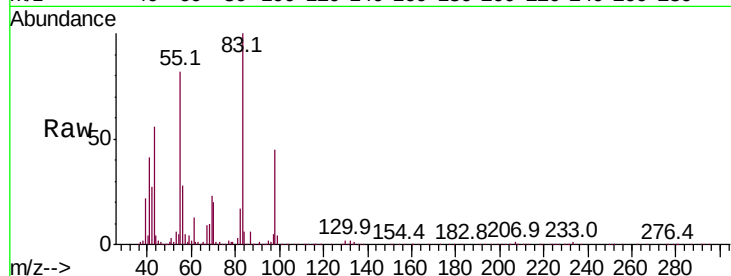
#39
Methylvlcyclohexane
Concen: 22.677 ug/l
RT: 5.65 min Scan# 519
Delta R.T. -0.01 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBS01

Tot Ion	83	Resp	353266
Ion	Ratio	Lower	Upper
83	100		
55	81.6	61.6	92.4
98	45.4	37.4	56.2

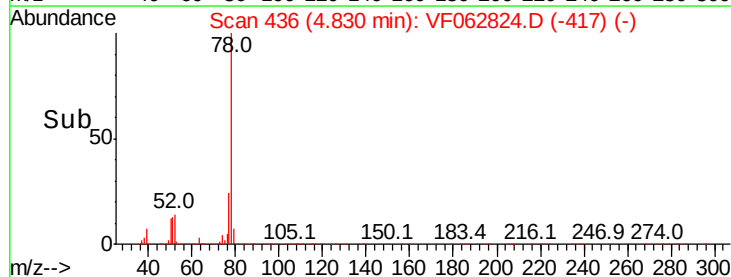
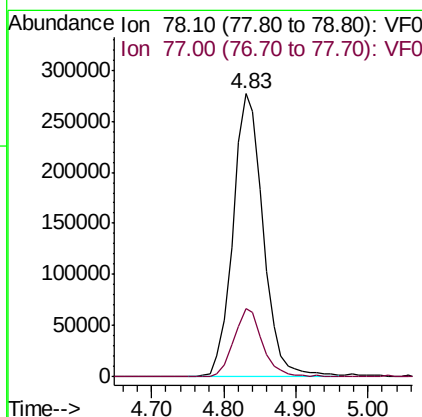
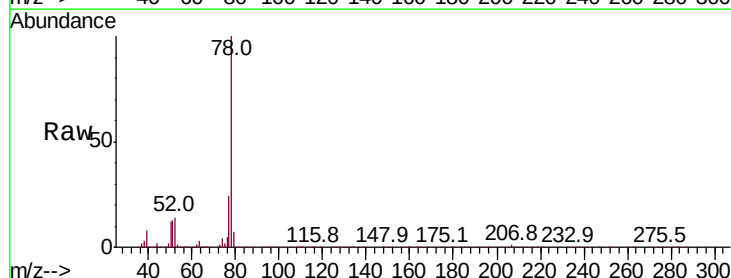
Manual Integrations
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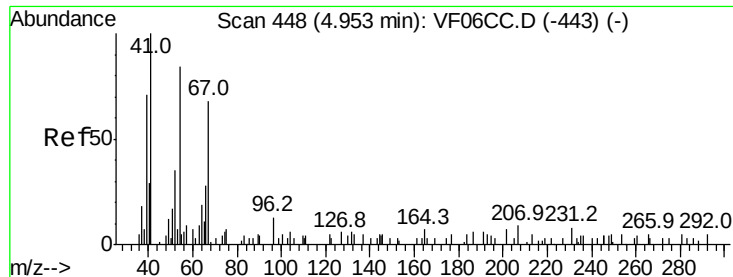
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#40
Benzene
Concen: 22.087 ug/l
RT: 4.83 min Scan# 436
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion	78	Resp	804603
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.9	28.3





#41

Methacrylonitrile

Concen: 22.148 ug/l

RT: 4.94 min Scan# 447

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

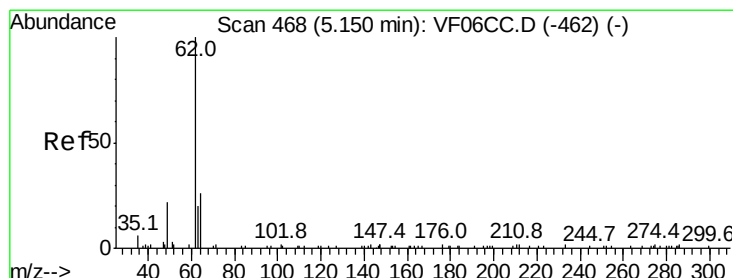
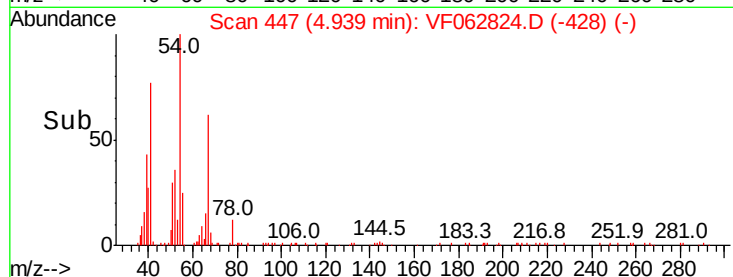
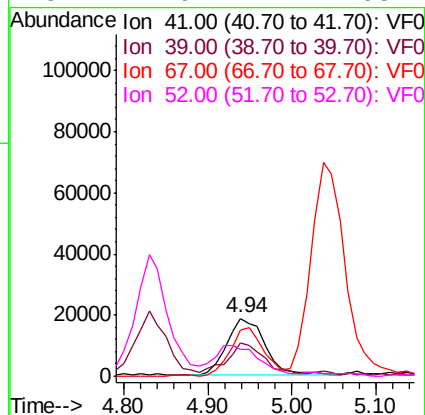
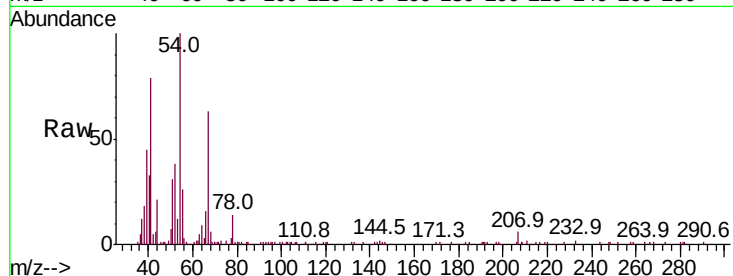
ClientSampleId :

VF0603SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.5	42.0	63.0
67	79.3	61.4	92.0
52	47.6	42.1	63.1

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 21.532 ug/l

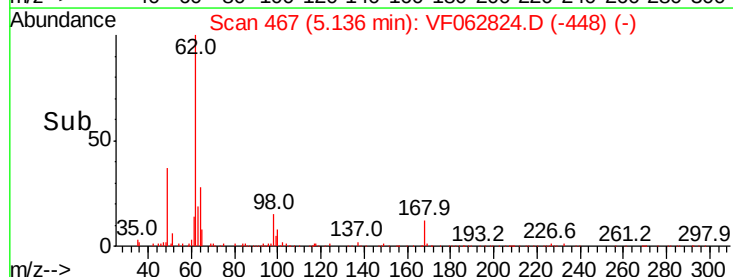
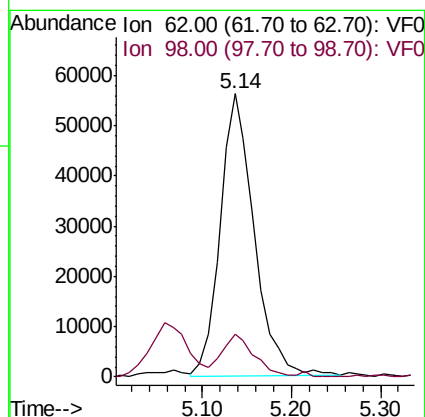
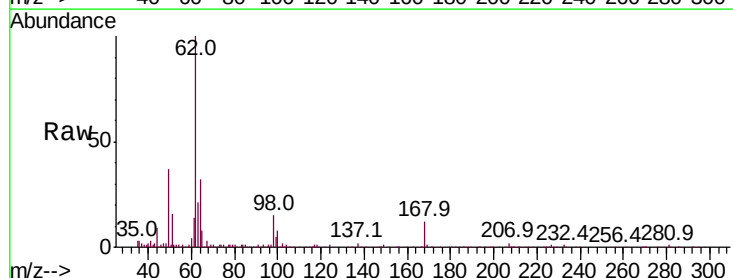
RT: 5.14 min Scan# 467

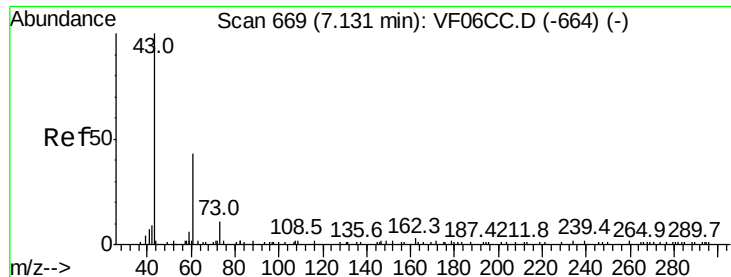
Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	15.2	0.0	24.0





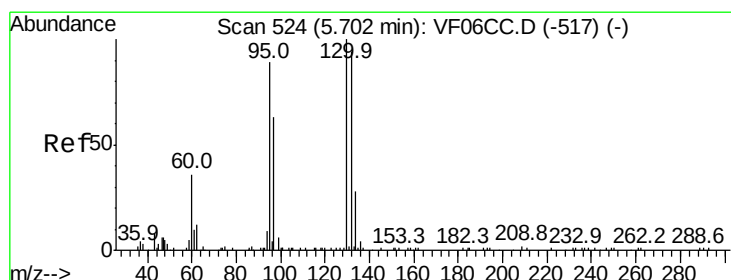
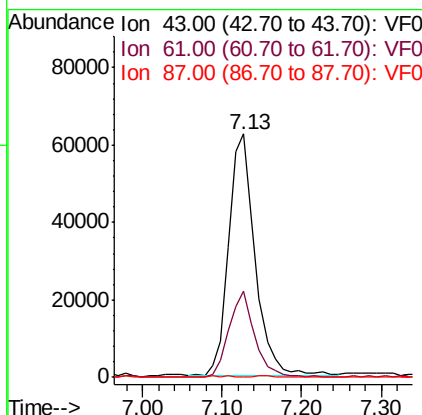
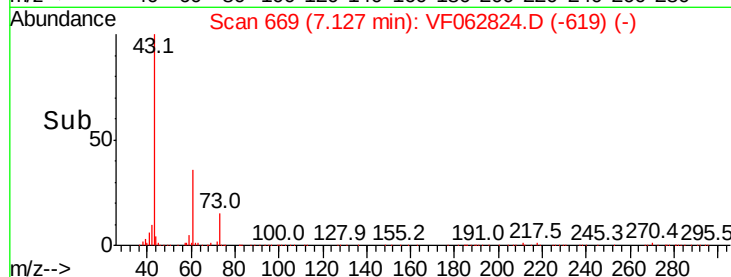
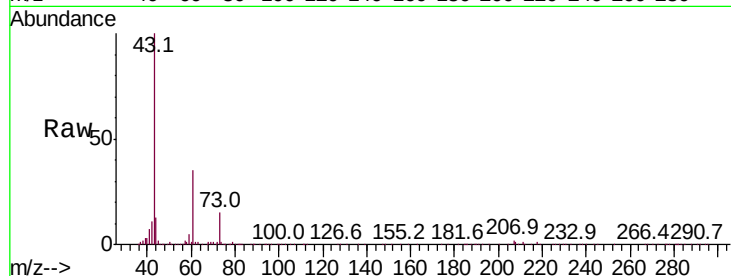
#43
Isopropyl Acetate
Concen: 22.931 ug/l
RT: 7.13 min Scan# 669
Delta R.T. -0.01 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	35.2	29.8	44.6
87	0.4	0.3	0.5

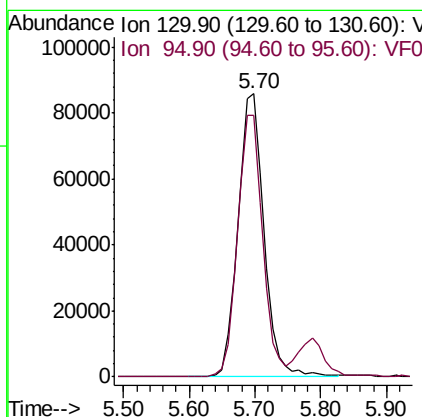
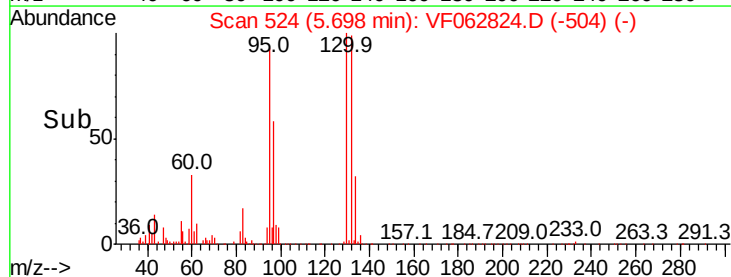
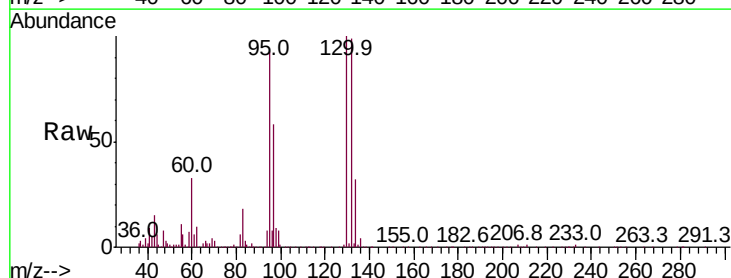
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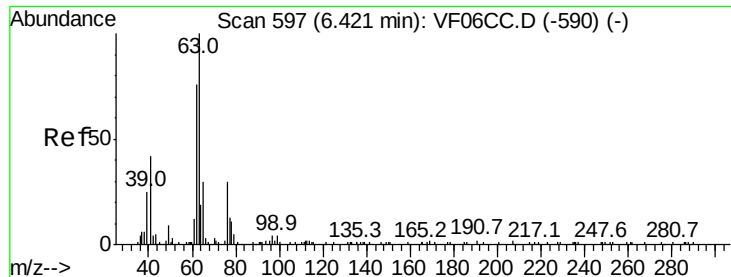
MMDadoda
6/4/2019 12:15:48 PM



#44
Trichloroethene
Concen: 23.186 ug/l
RT: 5.70 min Scan# 524
Delta R.T. -0.01 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	188.2





#45

1,2-Dichloropropane

Concen: 22.124 ug/l

RT: 6.42 min Scan# 597

Delta R.T. -0.02 min

Lab File: VF062824.D

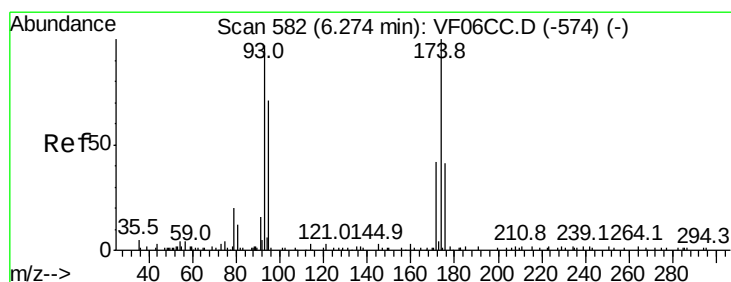
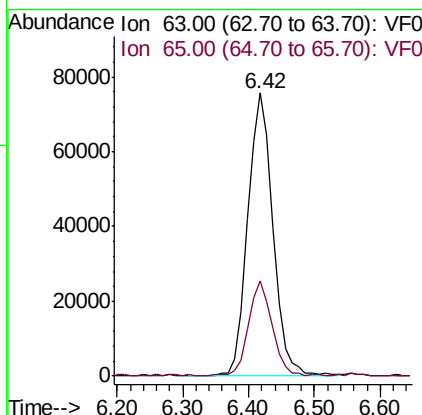
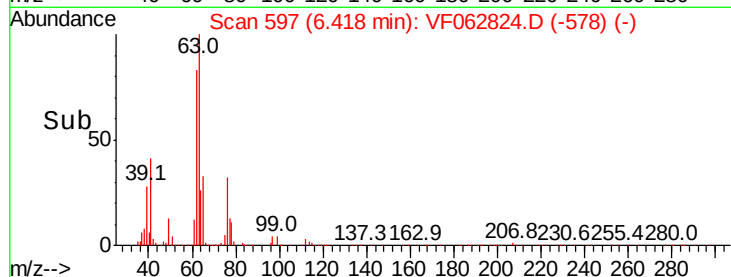
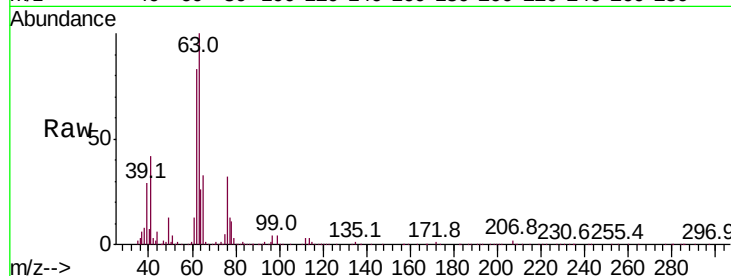
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.5	24.2	36.2

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#46

Dibromomethane

Concen: 22.085 ug/l

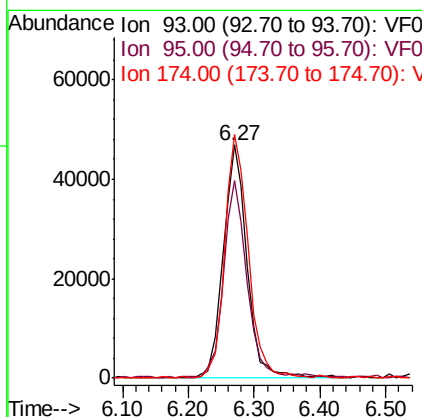
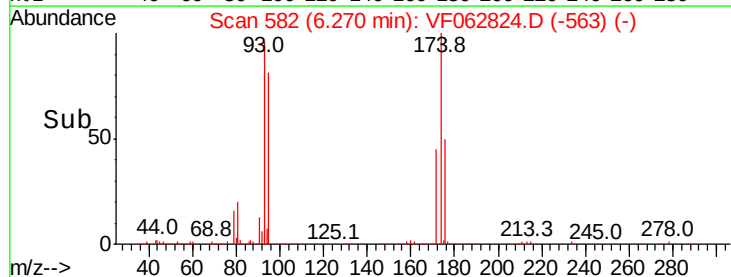
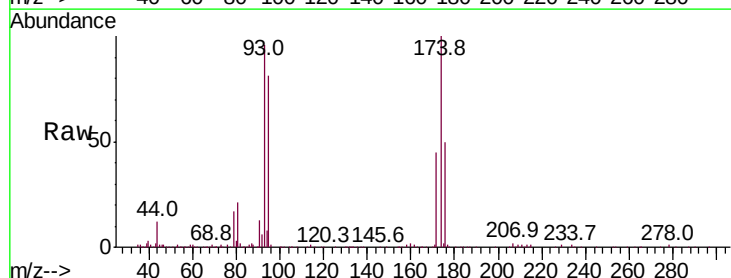
RT: 6.27 min Scan# 582

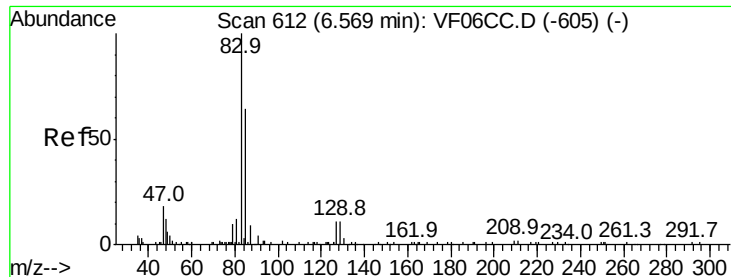
Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.7	67.9	101.9
174	104.3	85.0	127.4





#47

Bromodichloromethane

Concen: 22.035 ug/l

RT: 6.57 min Scan# 612

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

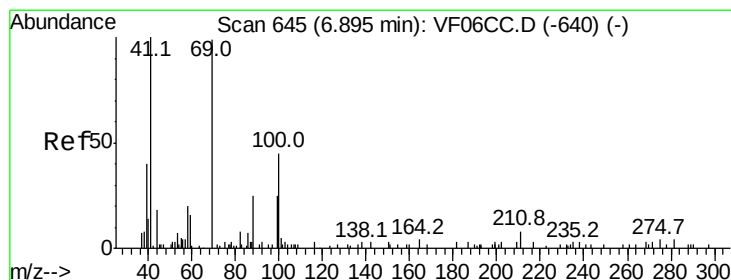
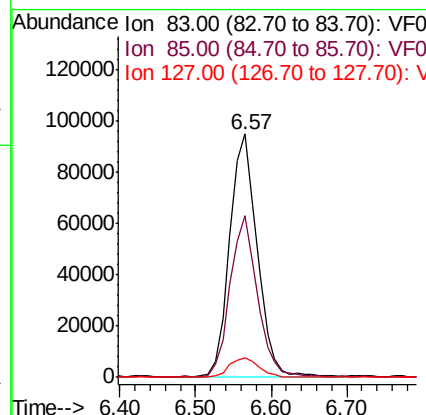
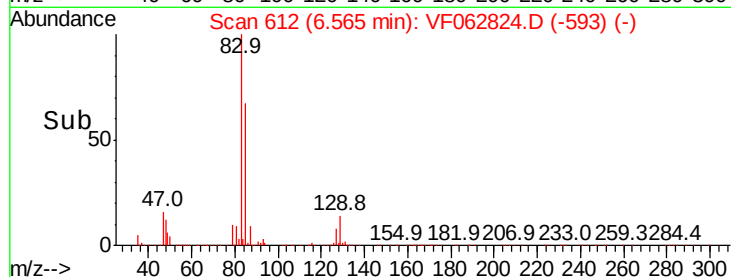
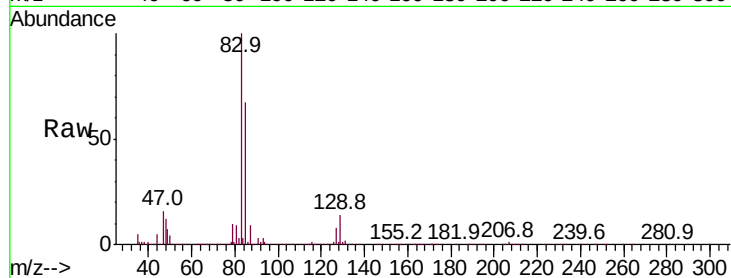
ClientSampleId :

VF0603SBSD01

Tot Ion:	83	Resp:	239512
Ion Ratio	Lower	Upper	
83	100		
85	66.7	54.2	81.4
127	8.2	7.0	10.4

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#48

Methyl methacrylate

Concen: 21.865 ug/l

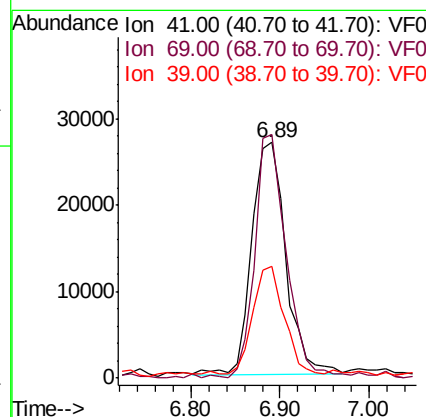
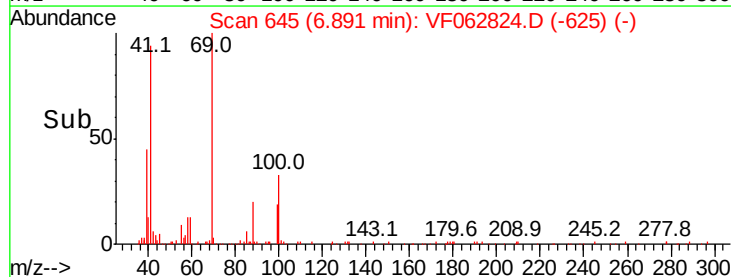
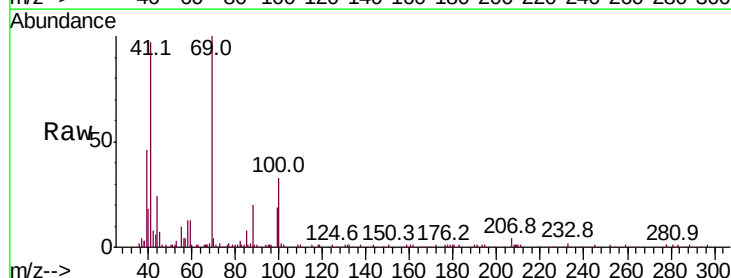
RT: 6.89 min Scan# 645

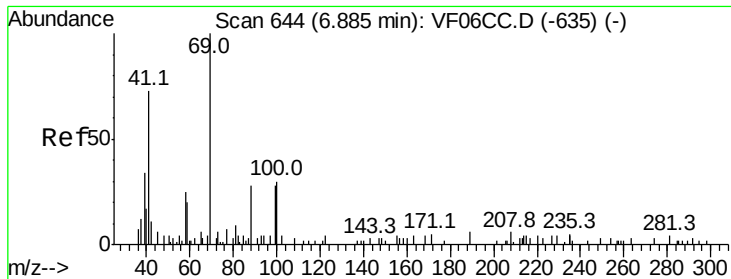
Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tgt Ion:	41	Resp:	71224
Ion Ratio	Lower	Upper	
41	100		
69	103.3	79.4	119.2
39	47.6	39.8	59.6





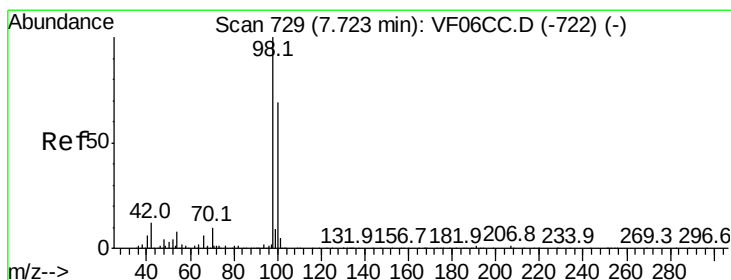
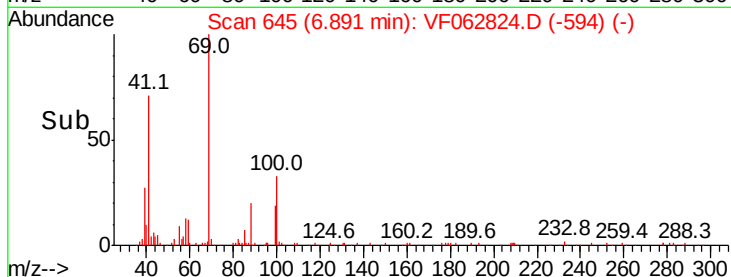
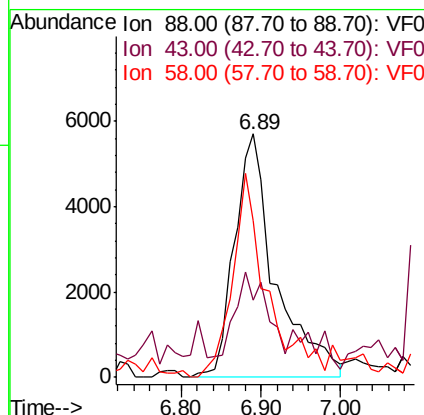
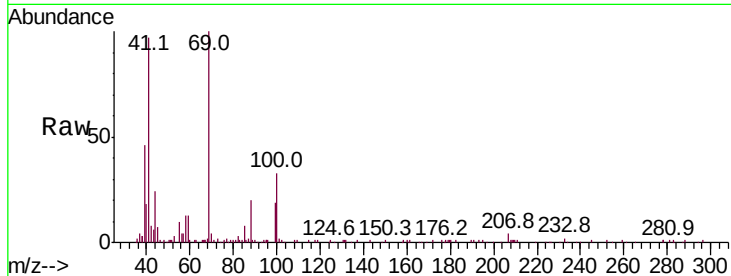
#49
1,4-Dioxane
Concen: 475.630 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.00 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	34.8	52.2#
58	64.3	59.9	89.9

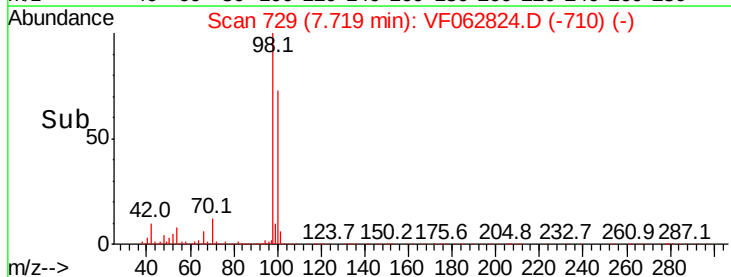
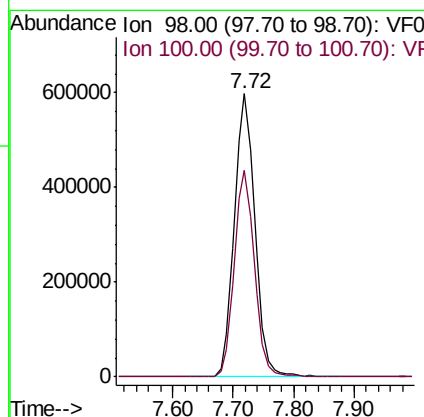
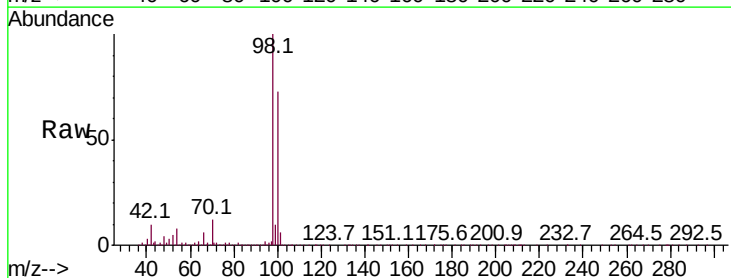
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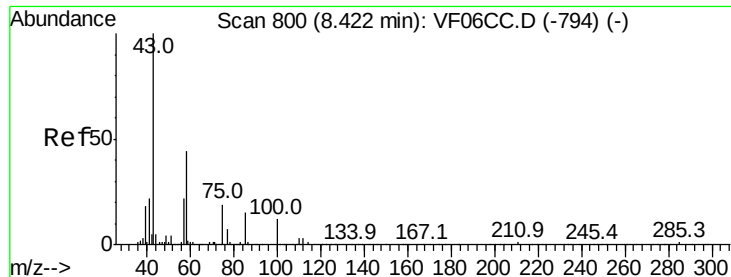
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#50
Toluene-d8
Concen: 54.746 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	73.1	59.8	89.8





#51

4-Methyl-2-Pentanone

Concen: 114.076 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

ClientSampleId :

VF0603SBSD01

Tot Ion: 43 Resp: 514775

Ion Ratio Lower Upper

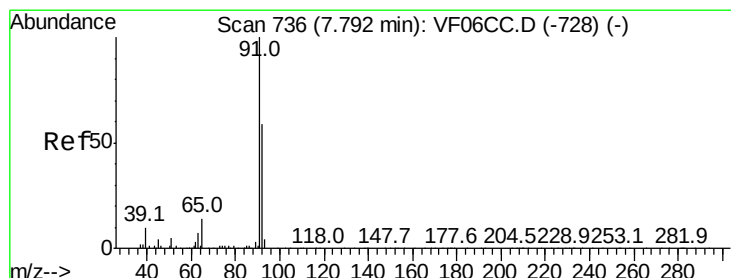
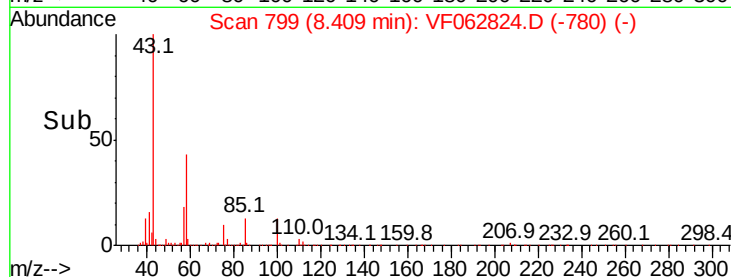
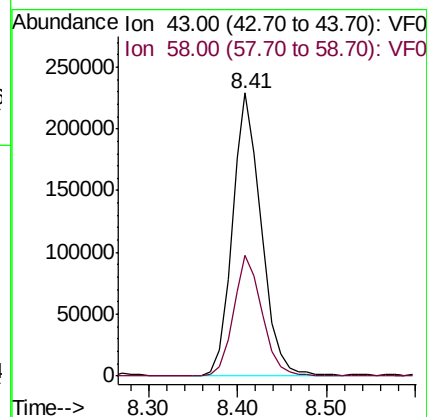
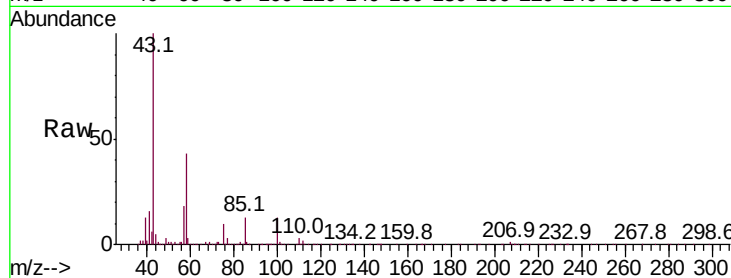
43 100

58 42.6 35.5 53.3

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#52

Toluene

Concen: 22.065 ug/l

RT: 7.79 min Scan# 736

Delta R.T. -0.02 min

Lab File: VF062824.D

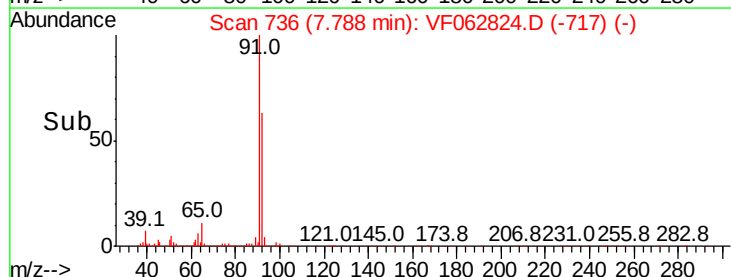
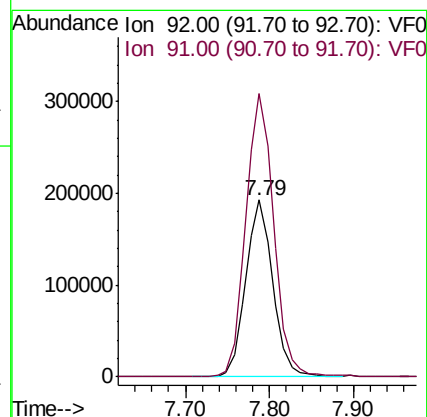
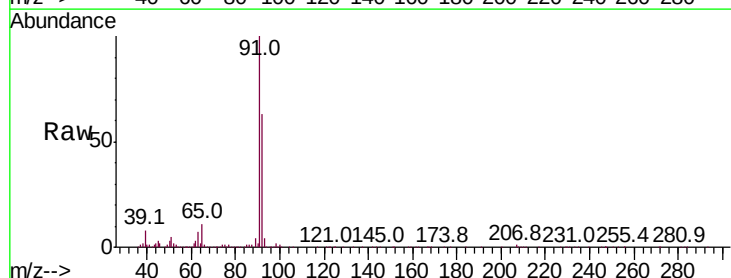
Acq: 3 Jun 2019 13:04

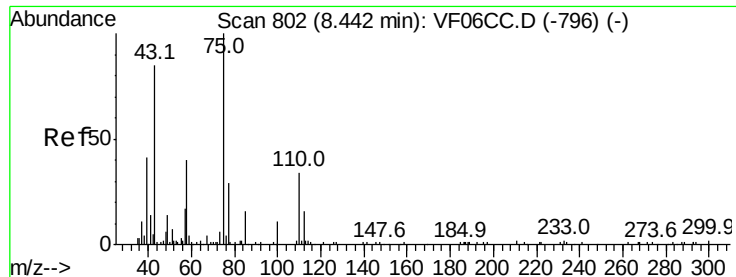
Tgt Ion: 92 Resp: 432939

Ion Ratio Lower Upper

92 100

91 159.9 123.2 184.8





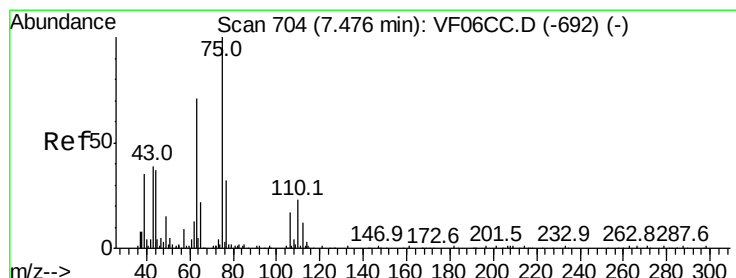
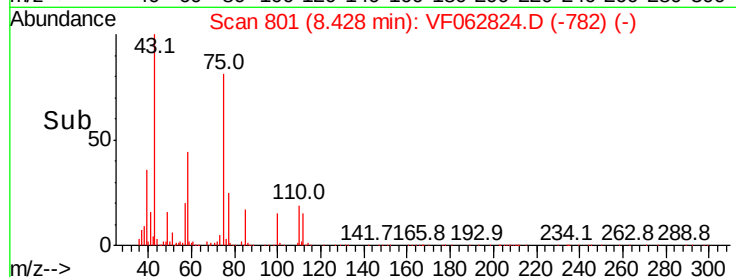
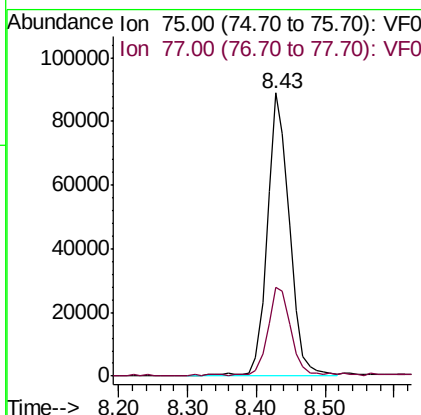
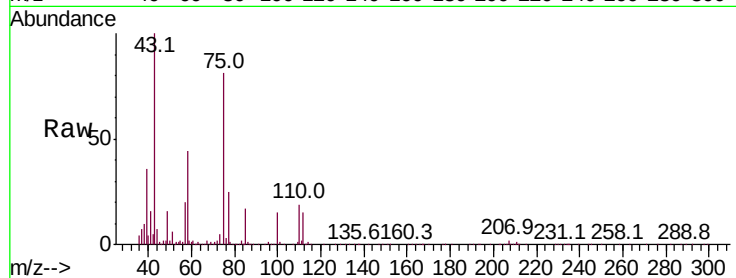
#53
t-1,3-Dichloropropene
Concen: 22.225 ug/l
RT: 8.43 min Scan# 801
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBS01

Tot Ion: 75 Resp: 200187
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5

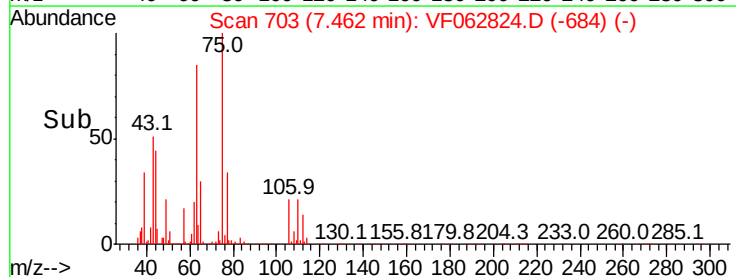
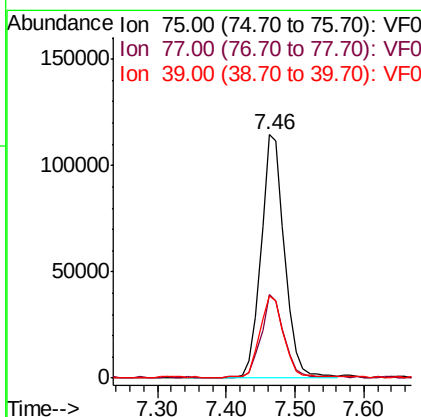
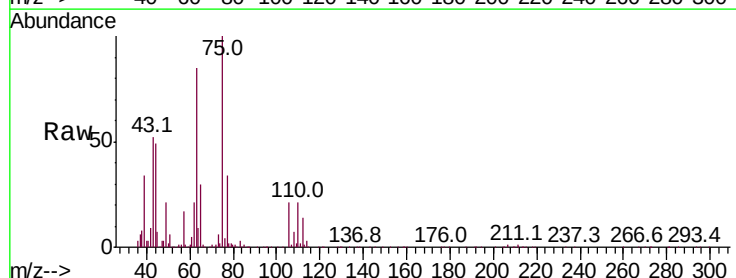
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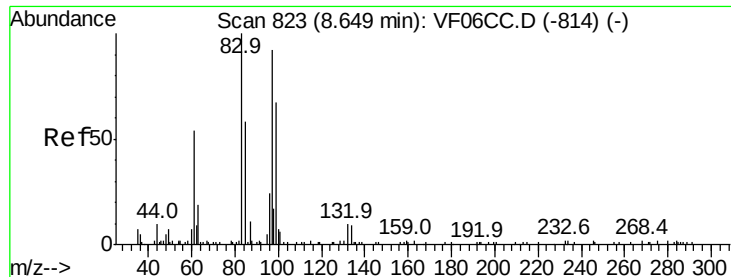
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 21.072 ug/l
RT: 7.46 min Scan# 703
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion: 75 Resp: 274740
Ion Ratio Lower Upper
75 100
77 34.4 25.8 38.8
39 33.9 28.4 42.6





#55

1,1,2-Trichloroethane

Concen: 21.924 ug/l

RT: 8.65 min Scan# 823

Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

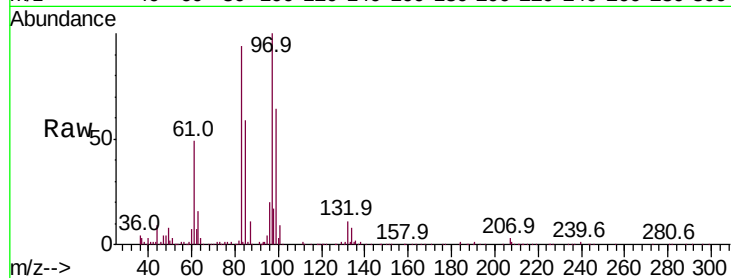
ClientSampleId :

VF0603SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		128510		
83	93.5	72.0	108.0		
85	58.6	47.5	71.3		
99	64.4	54.1	81.1		

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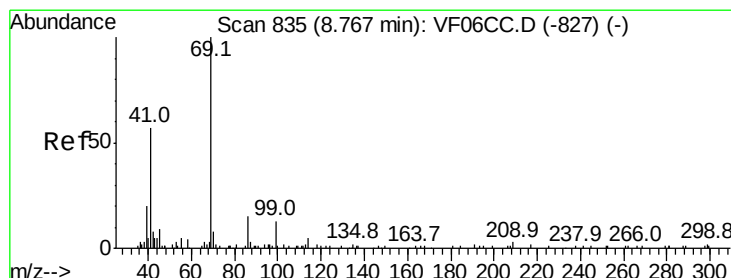
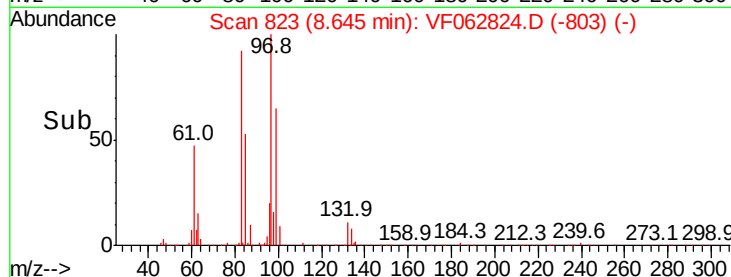
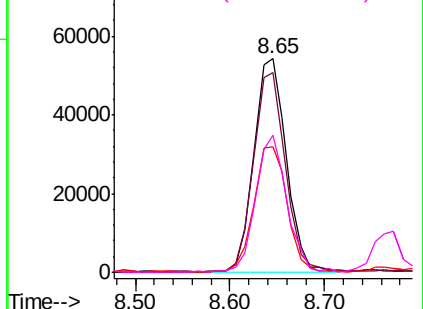
Abundance

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: 21.738 ug/l

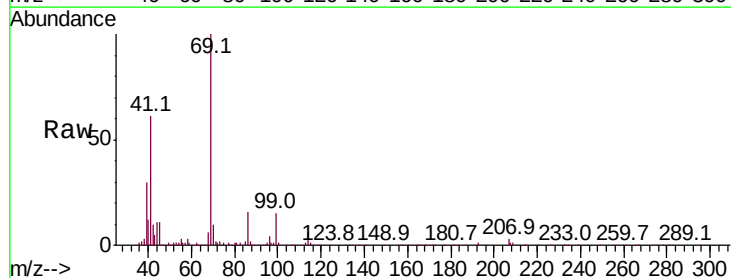
RT: 8.76 min Scan# 835

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		136716		
41	61.4	46.6	69.8		
39	30.1	19.6	29.4#		

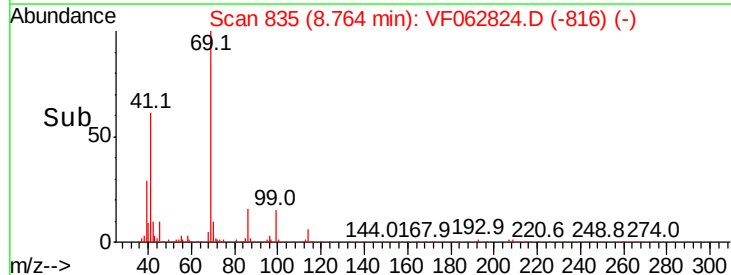
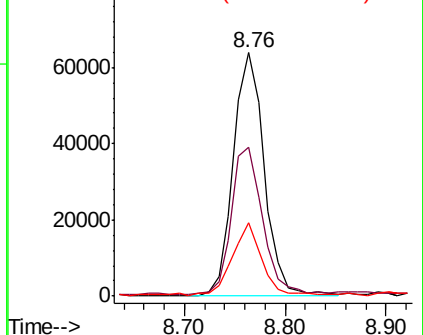


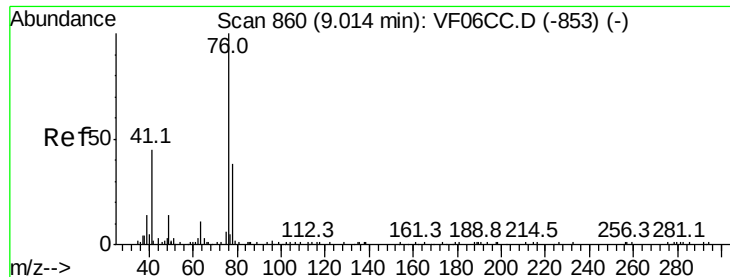
Abundance

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: 21.669 ug/l

RT: 9.00 min Scan# 859

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

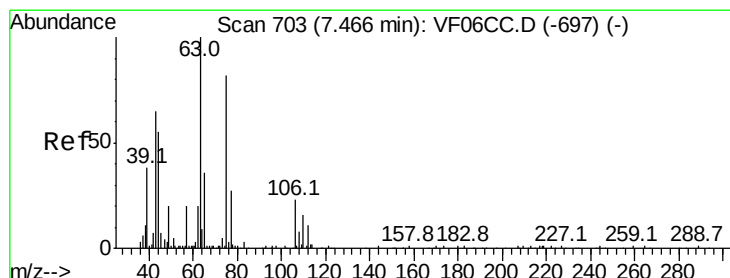
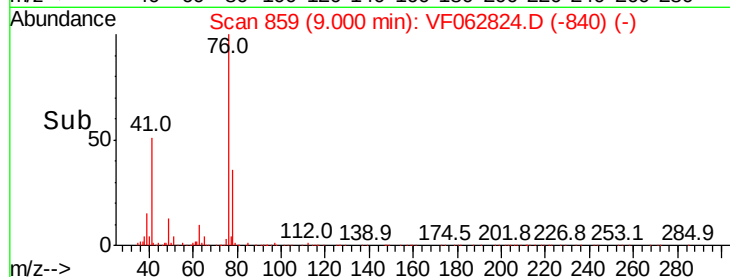
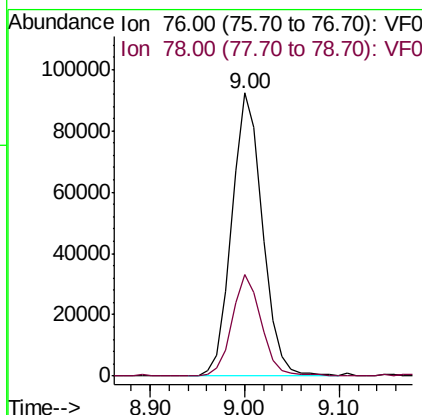
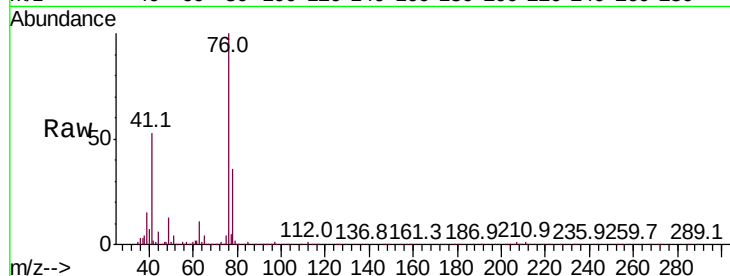
Instrument :
MSVOA_F
ClientSampleId :
VF0603SBSD01

Tot Ion: 76 Resp: 207417

Ion	Ratio	Lower	Upper
76	100		
78	36.0	26.8	40.2

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#58

2-Chloroethyl Vinyl ether

Concen: 104.784 ug/l

RT: 7.45 min Scan# 702

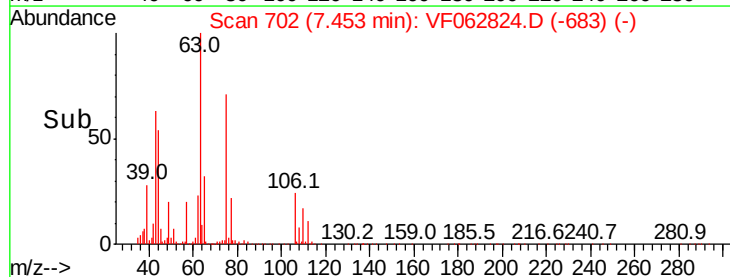
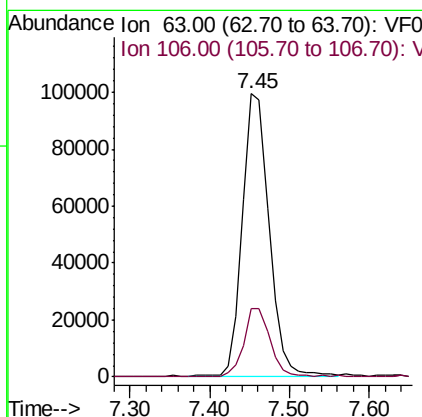
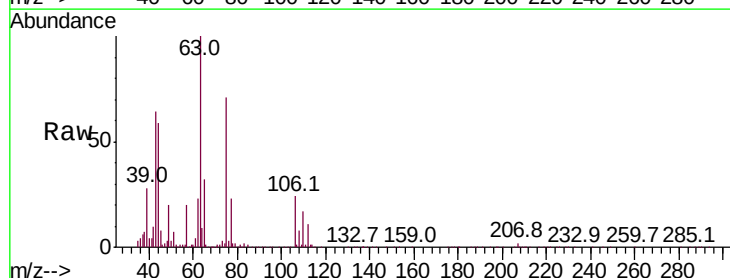
Delta R.T. -0.02 min

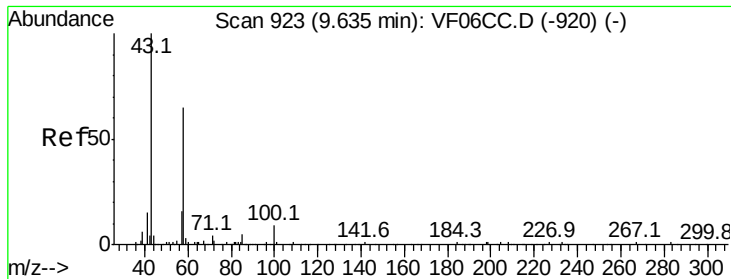
Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tgt Ion: 63 Resp: 230322

Ion	Ratio	Lower	Upper
63	100		
106	24.0	19.5	29.3





#59

2-Hexanone

Concen: 115.271 ug/l

RT: 9.63 min Scan# 923

Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

ClientSampleId :

VF0603SBSD01

Tot Ion: 43 Resp: 370758

Ion Ratio Lower Upper

43 100

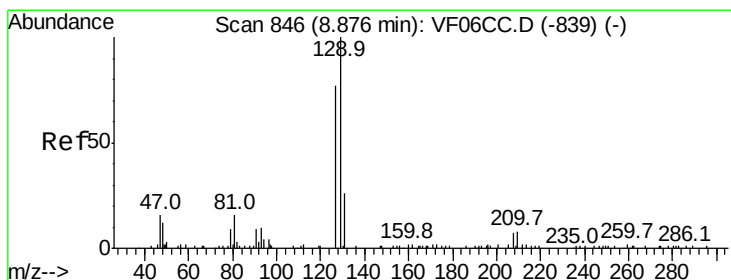
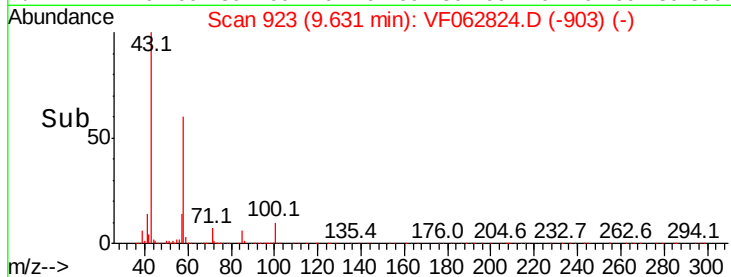
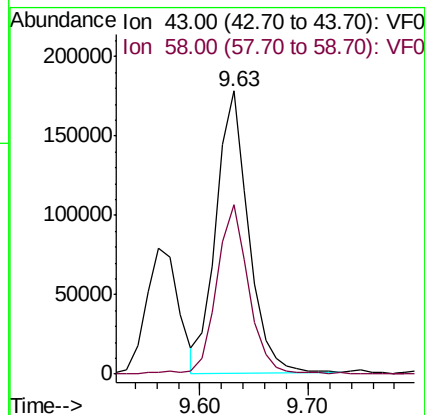
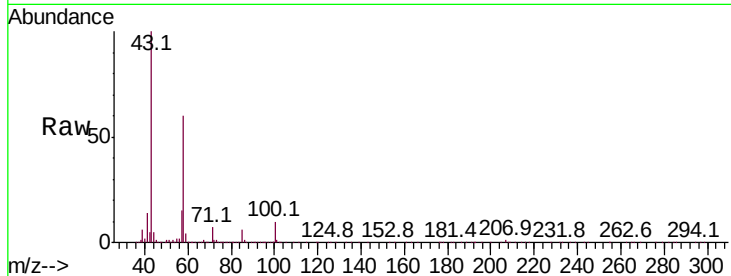
58 59.8 29.3 87.9

Manual Integrations

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#60

Dibromochloromethane

Concen: 22.471 ug/l

RT: 8.87 min Scan# 846

Delta R.T. -0.01 min

Lab File: VF062824.D

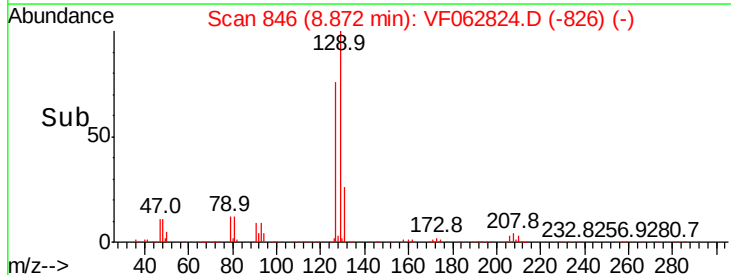
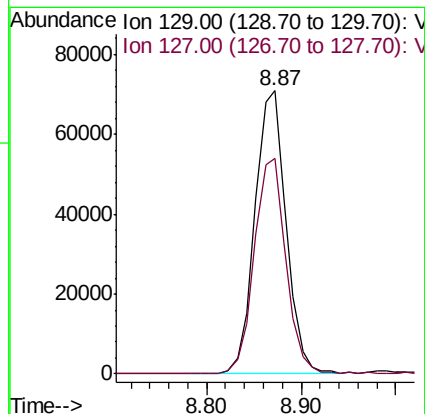
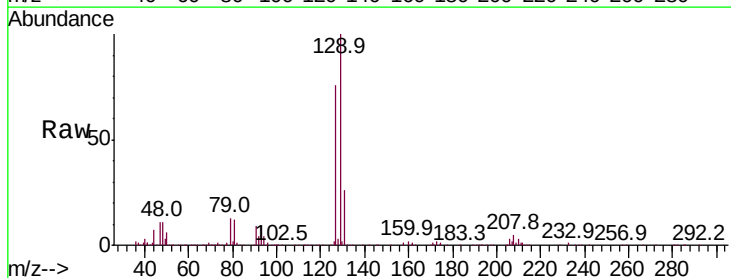
Acq: 3 Jun 2019 13:04

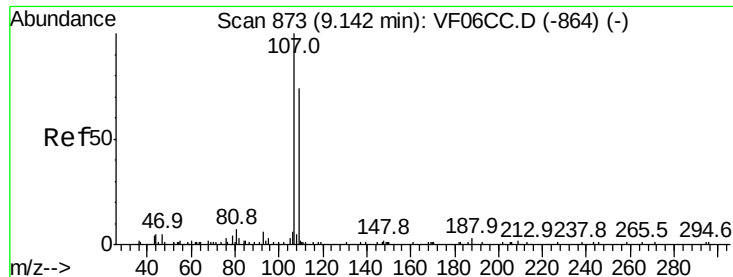
Tgt Ion: 129 Resp: 163075

Ion Ratio Lower Upper

129 100

127 76.3 37.1 111.3





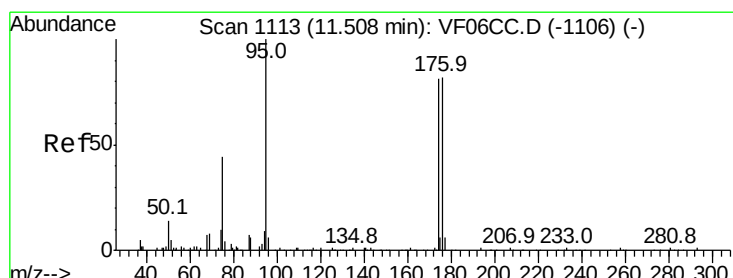
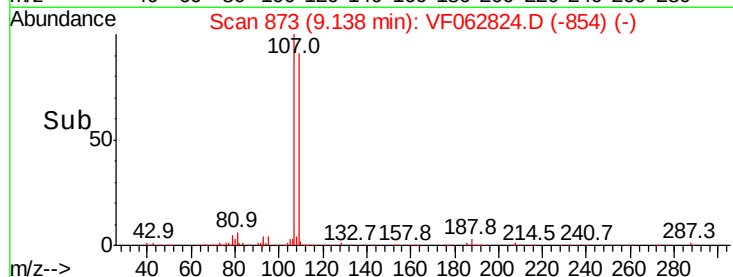
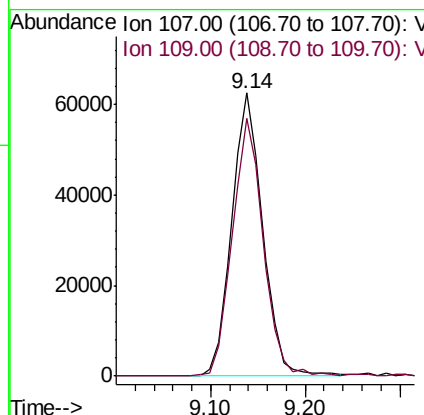
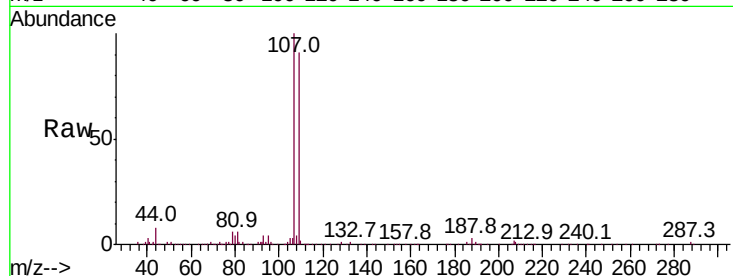
#61
 1,2-Dibromoethane
 Concen: 23.167 ug/l
 RT: 9.14 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: VF062824.D
 Acq: 3 Jun 2019 13:04

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0603SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.2	78.1	117.1

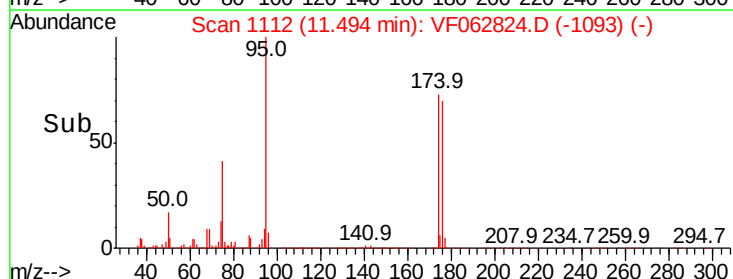
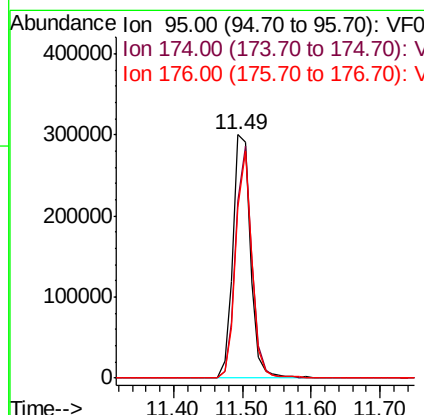
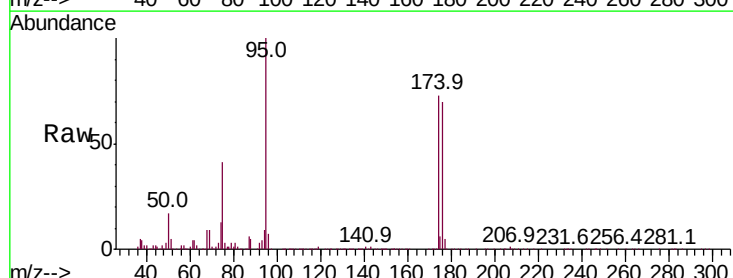
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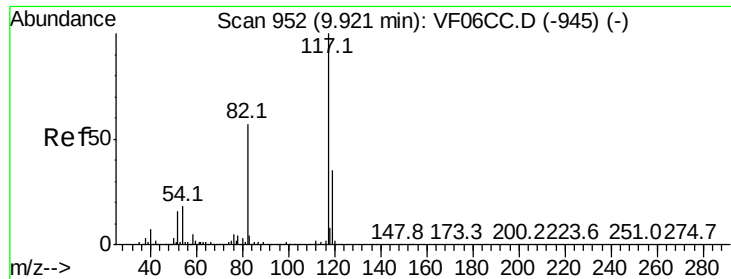
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#62
 4-Bromofluorobenzene
 Concen: 57.154 ug/l
 RT: 11.49 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: VF062824.D
 Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	170.6
176	69.9	0.0	170.6





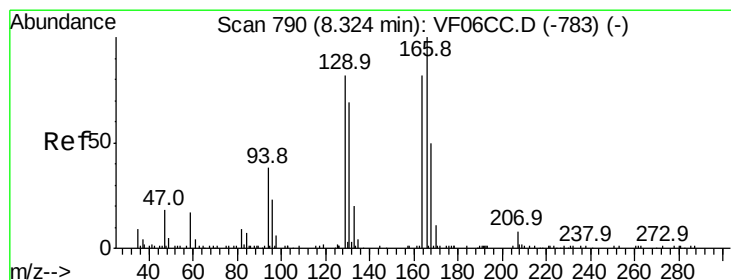
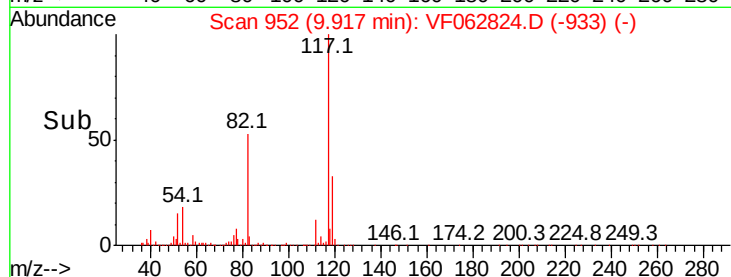
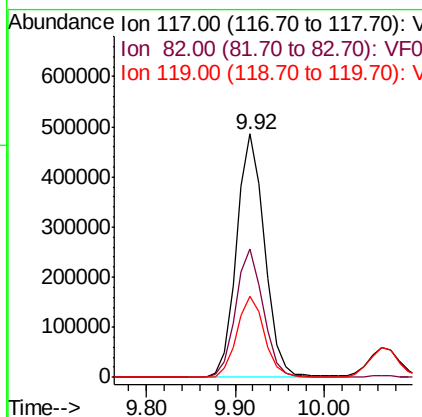
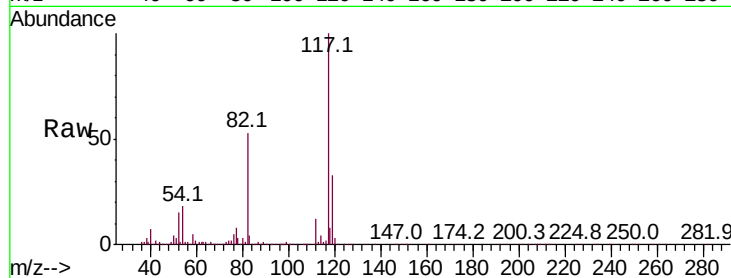
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.4	63.6
119	33.5	27.1	40.7

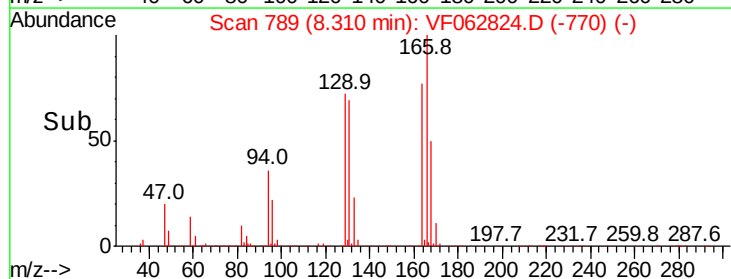
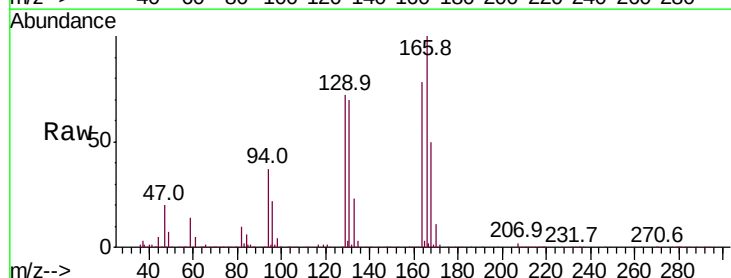
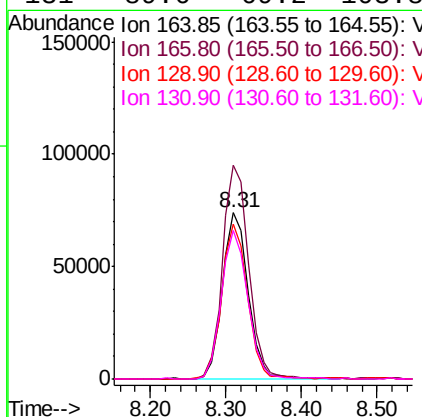
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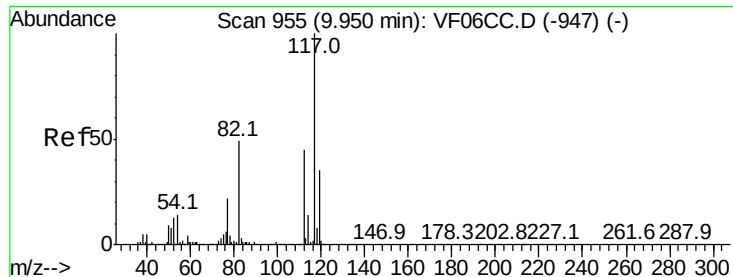
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#64
Tetrachloroethene
Concen: 21.419 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	99.1	148.7
129	93.0	69.5	104.3
131	89.6	69.2	103.8





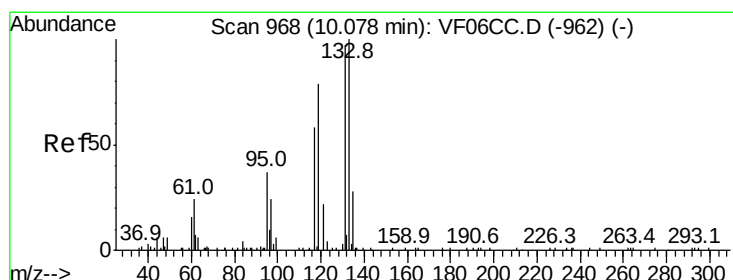
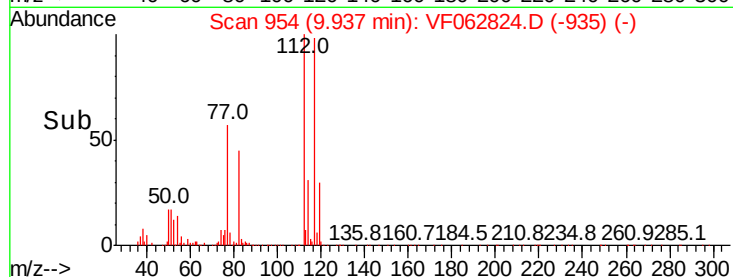
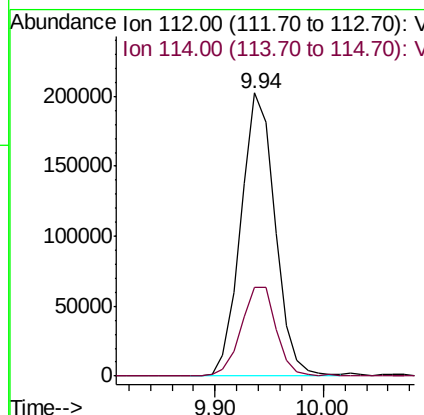
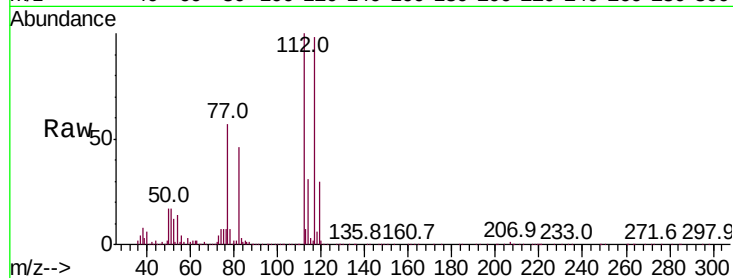
#65
Chlorobenzene
Concen: 21.696 ug/l
RT: 9.94 min Scan# 954
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBS01

Tot Ion:112 Resp: 445711
Ion Ratio Lower Upper
112 100
114 31.4 27.4 41.0

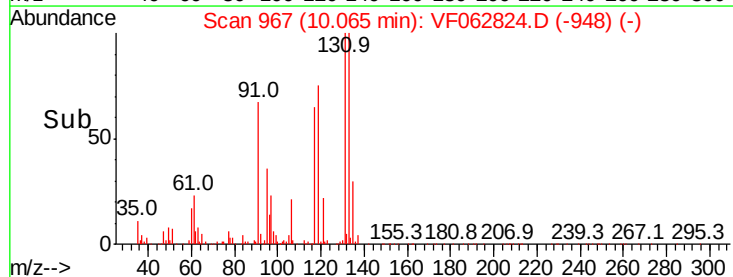
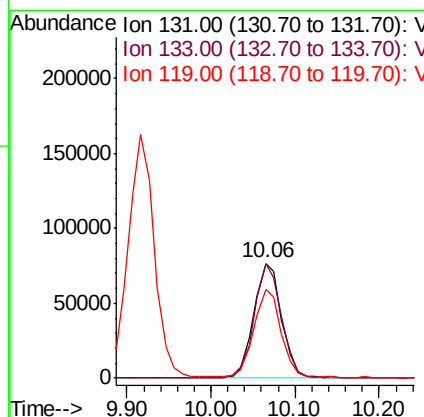
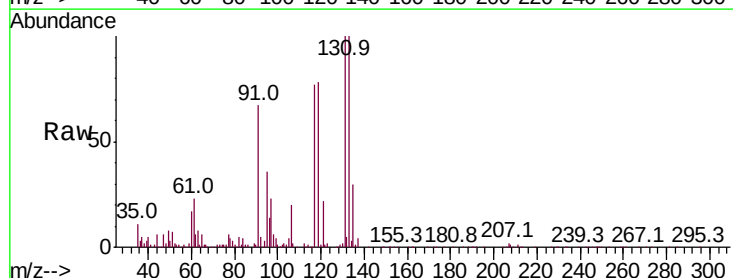
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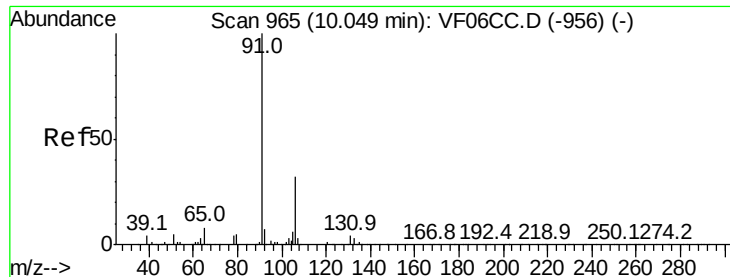
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.766 ug/l
RT: 10.06 min Scan# 967
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion:131 Resp: 178079
Ion Ratio Lower Upper
131 100
133 100.1 48.9 146.7
119 77.8 38.0 114.0





#67

Ethyl Benzene

Concen: 22.187 ug/l

RT: 10.04 min Scan# 964

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

ClientSampleId :

VF0603SBSD01

Tot Ion: 91 Resp: 782160

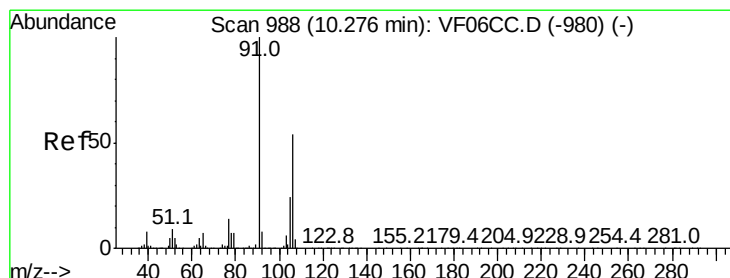
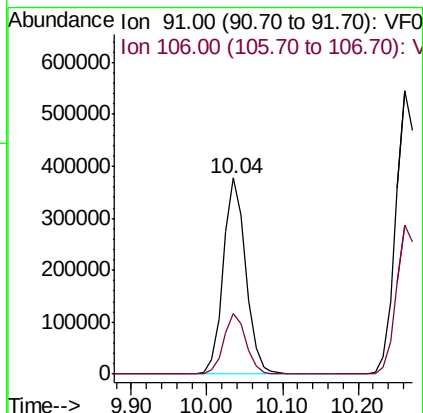
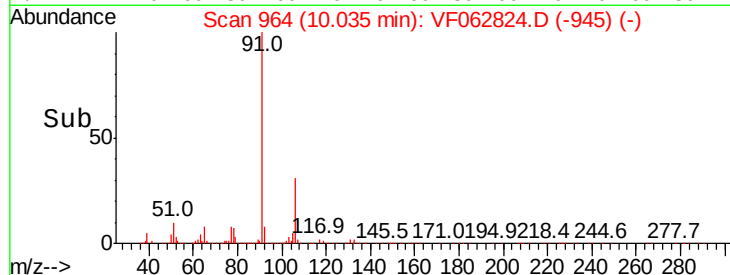
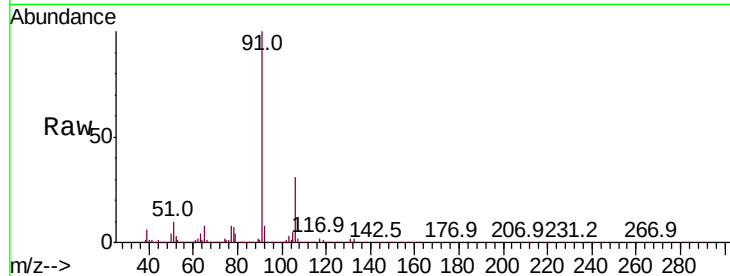
Ion Ratio Lower Upper

91 100

106 30.6 26.0 39.0

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#68

m/p-Xylenes

Concen: 42.816 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.02 min

Lab File: VF062824.D

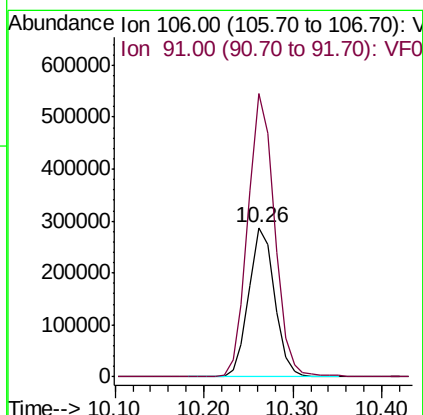
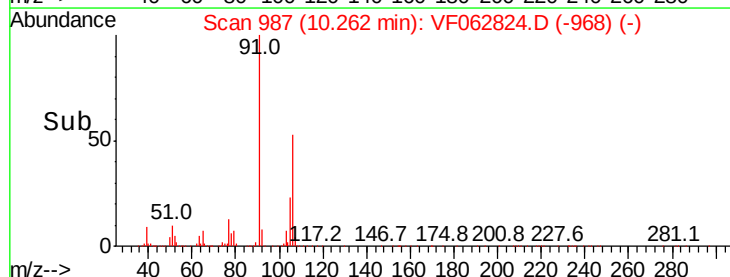
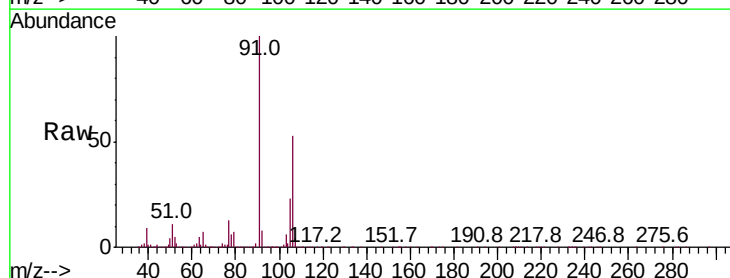
Acq: 3 Jun 2019 13:04

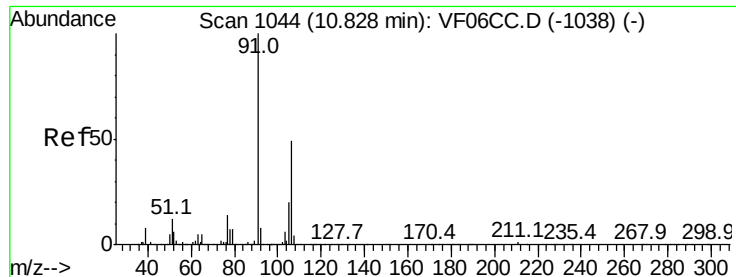
Tgt Ion: 106 Resp: 577606

Ion Ratio Lower Upper

106 100

91 189.8 136.2 204.4





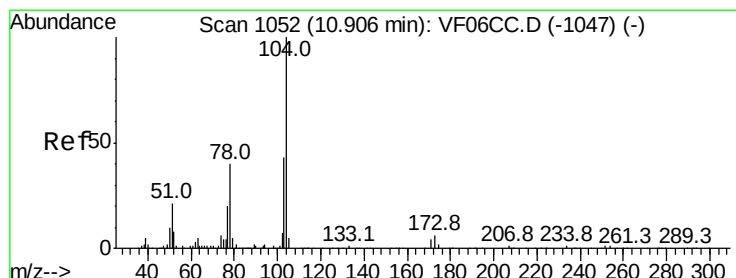
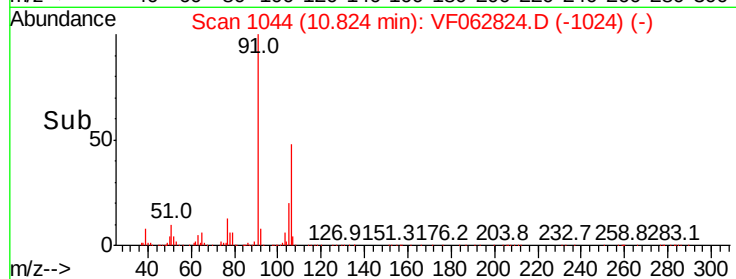
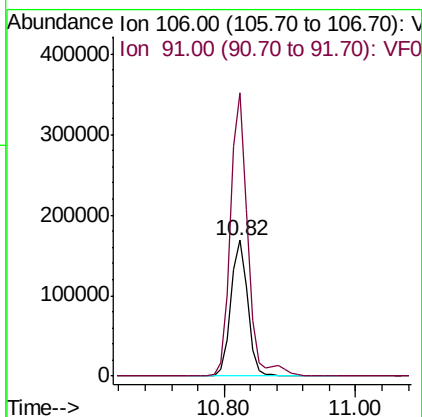
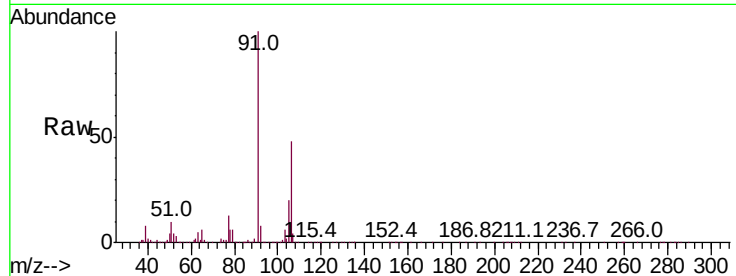
#69
o-Xylene
Concen: 22.257 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.5	96.6	289.8

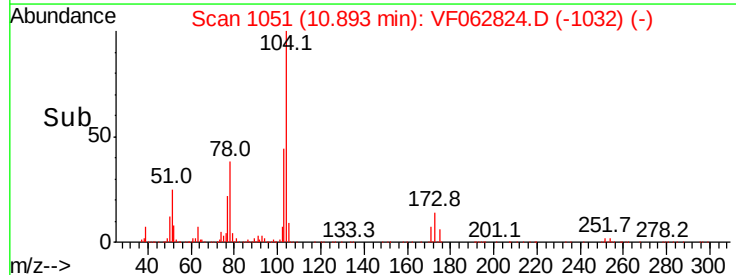
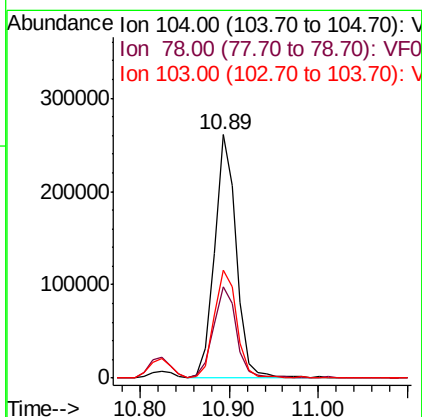
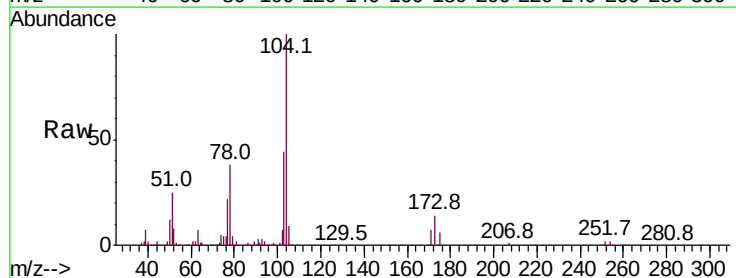
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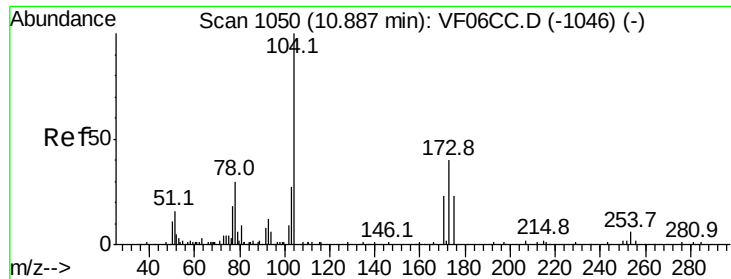
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#70
Styrene
Concen: 22.116 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	37.6	30.8	46.2
103	44.1	35.8	53.6





#71

Bromoform

Concen: 21.883 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

ClientSampleId :

VF0603SBSD01

Tot Ion:173 Resp: 85887

Ion Ratio Lower Upper

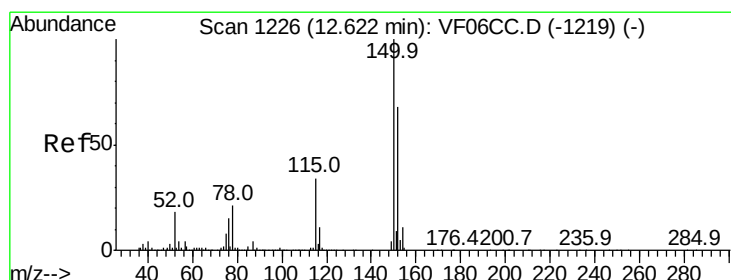
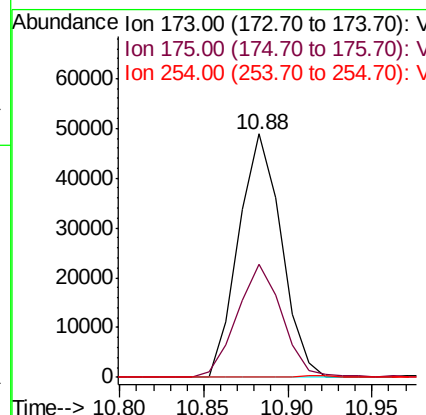
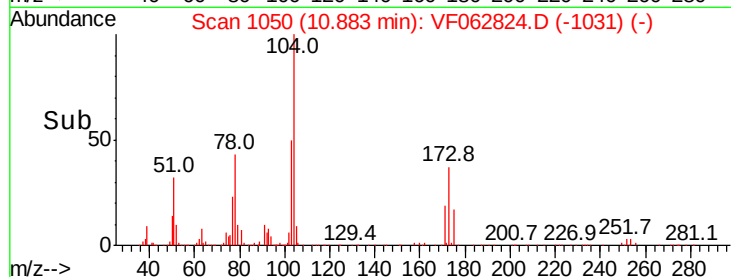
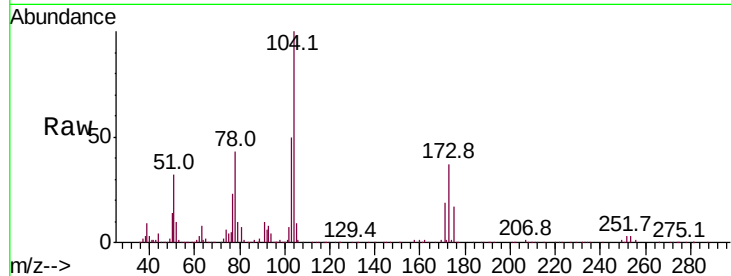
173 100

175 45.2 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: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

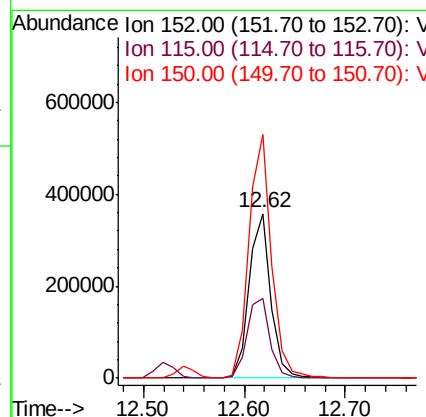
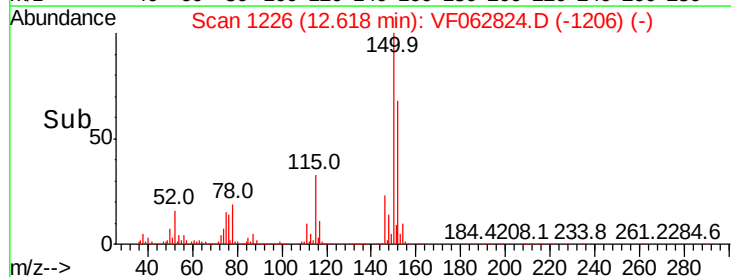
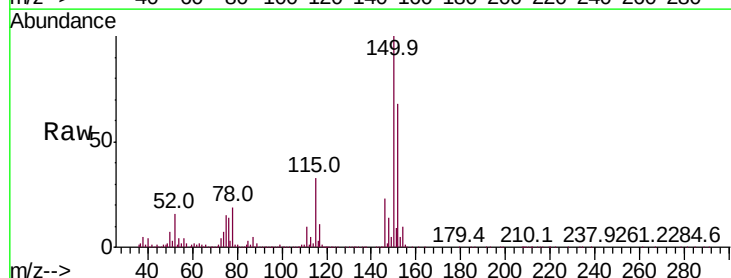
Tgt Ion:152 Resp: 537164

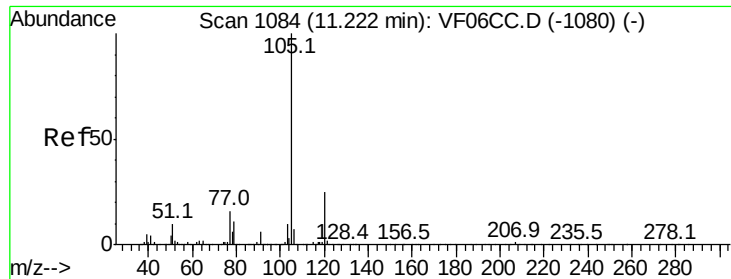
Ion Ratio Lower Upper

152 100

115 48.5 24.6 74.0

150 148.0 0.0 290.6





#73

Isopropylbenzene

Concen: 22.650 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

ClientSampleId :

VF0603SBS01

Tot Ion:105 Resp: 848955

Ion Ratio Lower Upper

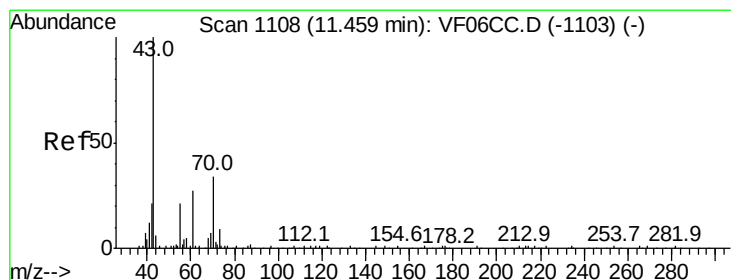
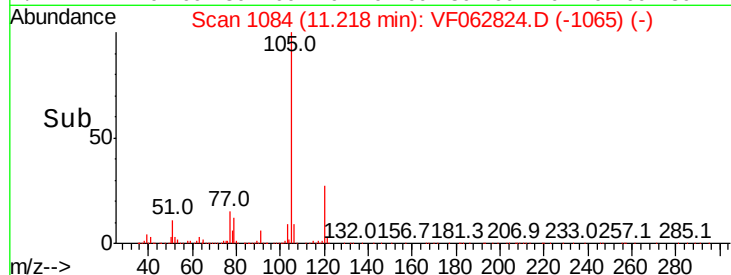
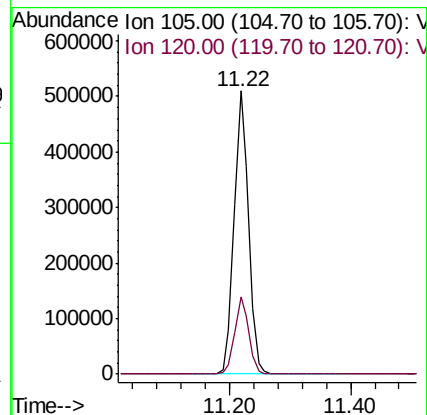
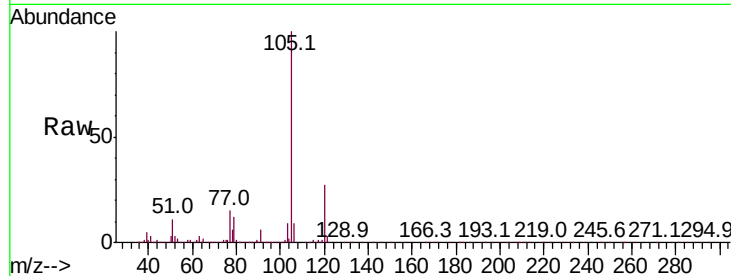
105 100

120 27.2 15.1 45.3

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#74

N-ethyl acetate

Concen: 25.150 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tgt Ion: 43 Resp: 265684

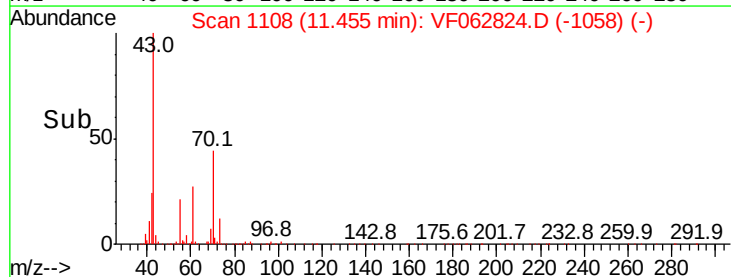
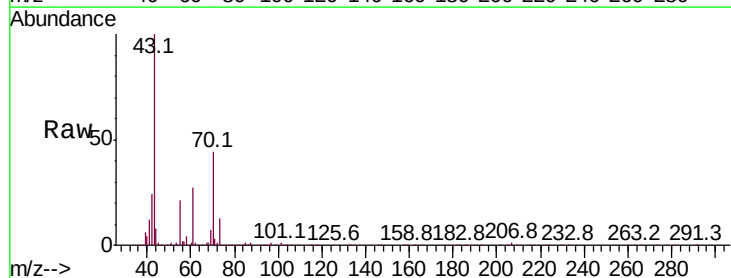
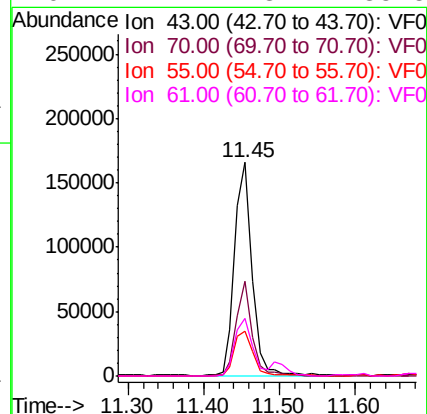
Ion Ratio Lower Upper

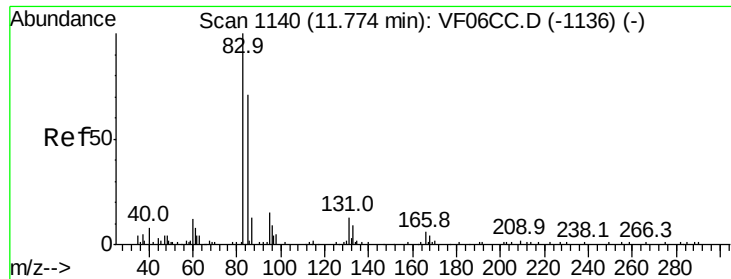
43 100

70 44.3 32.9 49.3

55 21.1 17.3 25.9

61 27.1 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.623 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

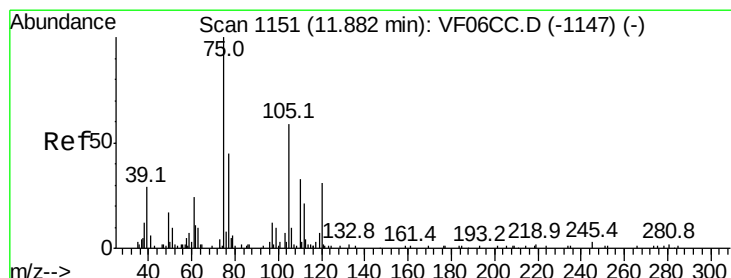
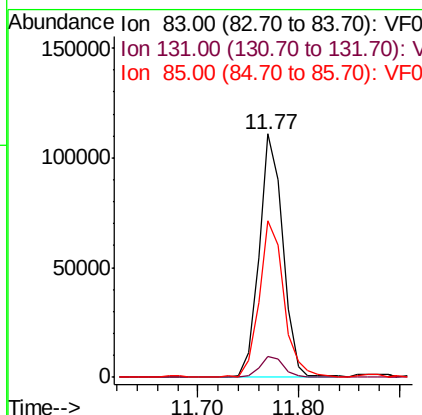
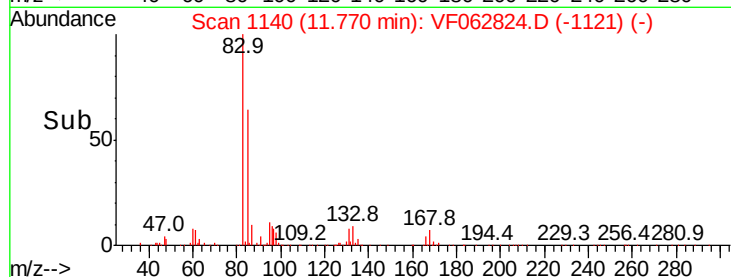
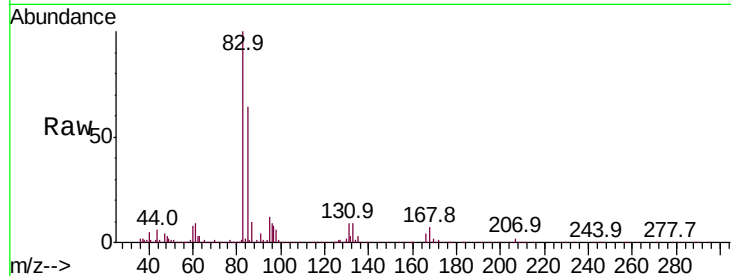
ClientSampleId :

VF0603SBS01

Tot Ion:	83	Resp:	181081
Ion Ratio	Lower	Upper	
83	100		
131	8.6	4.9	14.7
85	64.1	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.956 ug/l

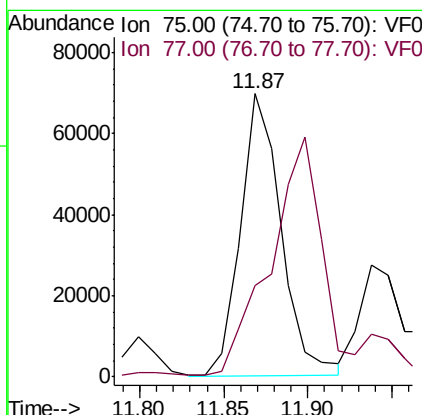
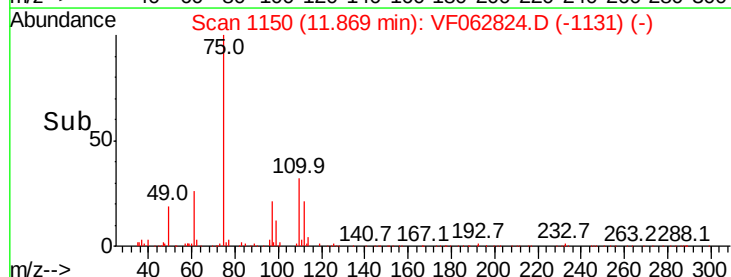
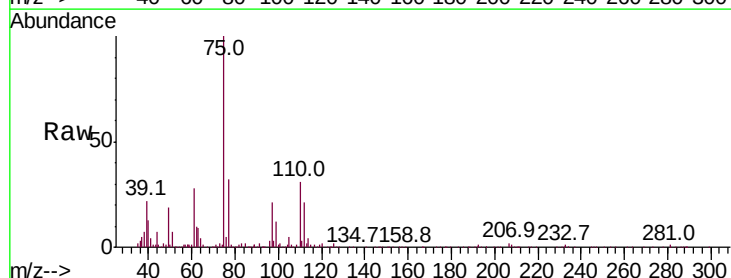
RT: 11.87 min Scan# 1150

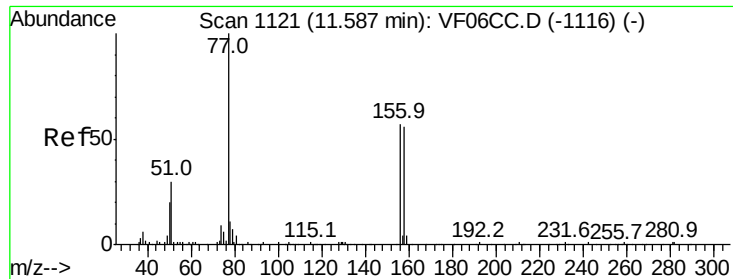
Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tgt Ion:	75	Resp:	116490
Ion Ratio	Lower	Upper	
75	100		
77	32.5	20.1	60.2





#77

Bromobenzene

Concen: 21.533 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

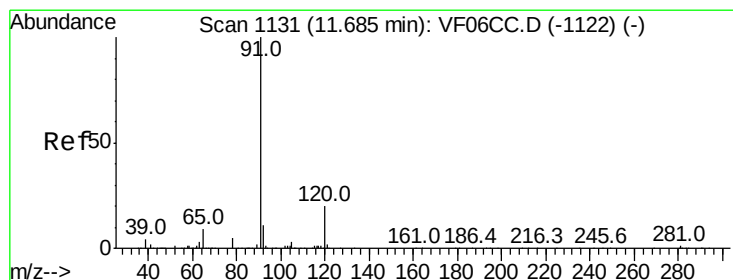
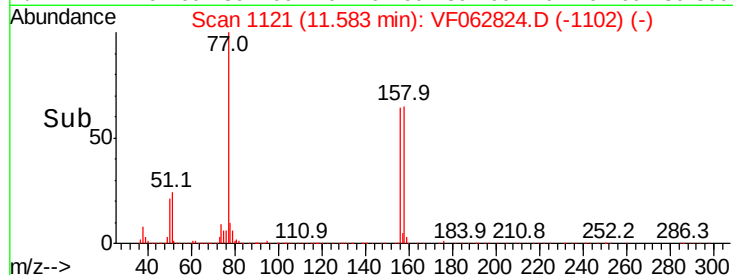
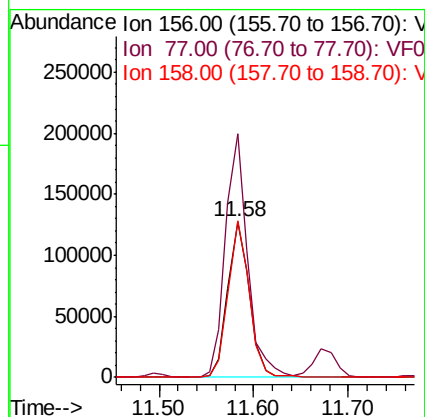
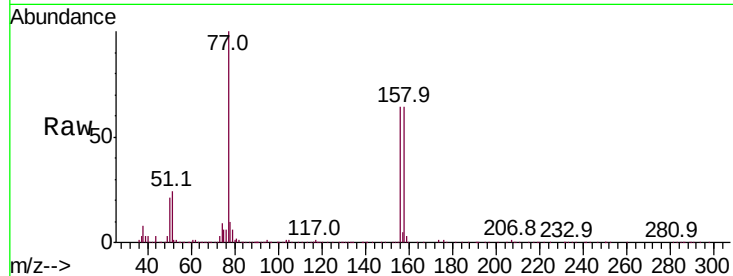
ClientSampleId :

VF0603SBS01

Tot Ion:	156	Resp:	202791
Ion Ratio	Lower	Upper	
156	100		
77	156.4	64.2	192.6
158	100.8	50.3	151.0

Manual Integrations
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#78

n-propylbenzene

Concen: 22.386 ug/l

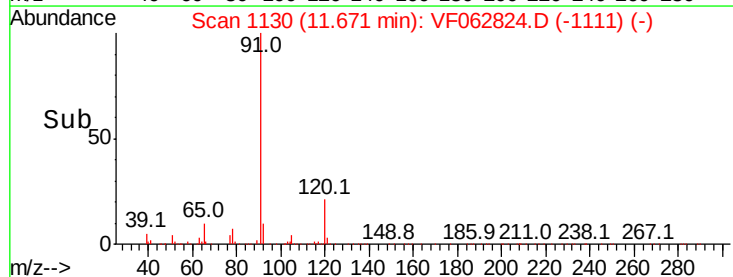
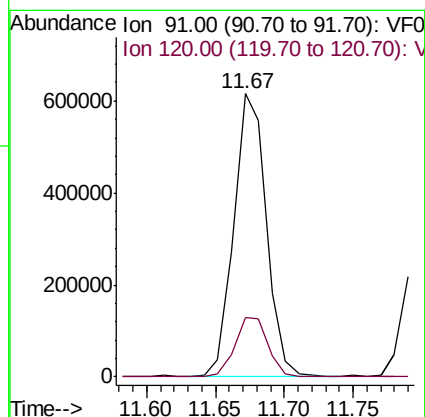
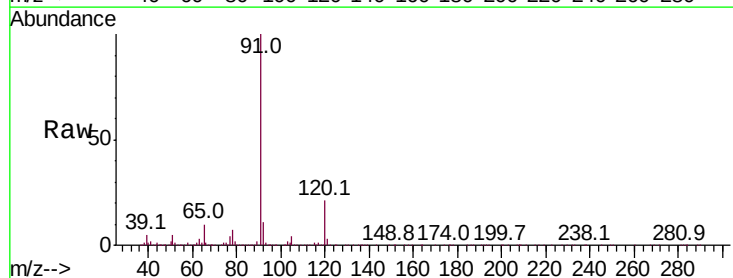
RT: 11.67 min Scan# 1130

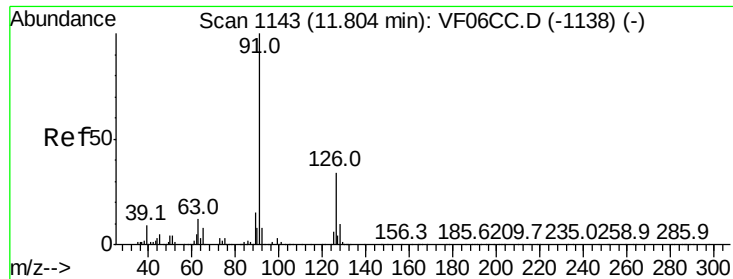
Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tgt Ion:	91	Resp:	1013080
Ion Ratio	Lower	Upper	
91	100		
120	20.8	12.8	38.4





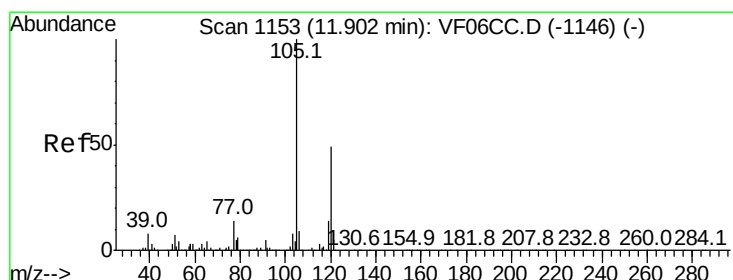
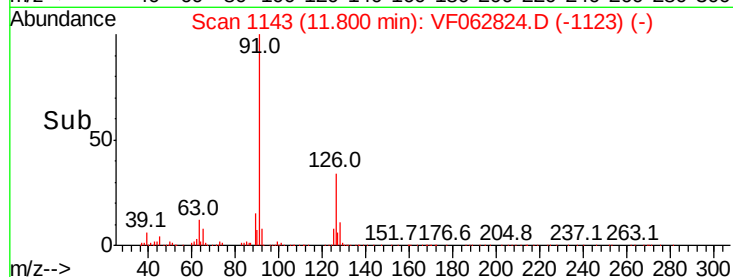
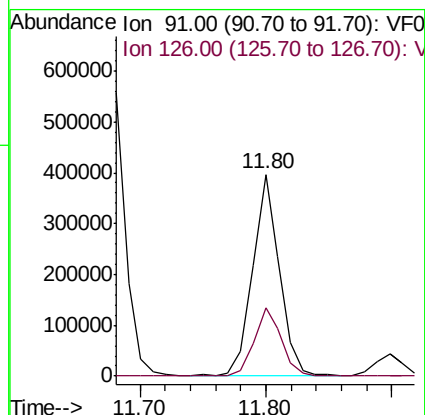
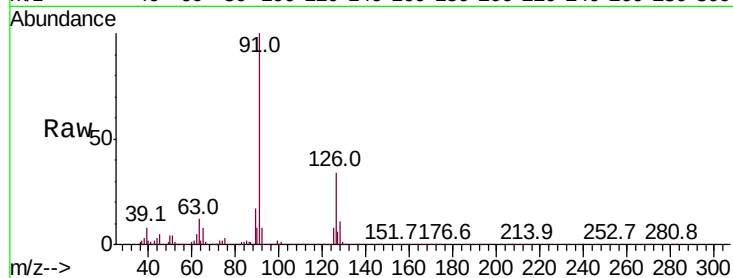
#79
2-Chlorotoluene
Concen: 22.200 ug/l
RT: 11.80 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBSD01

Tot Ion: 91 Resp: 574874
Ion Ratio Lower Upper
91 100
126 33.7 17.8 53.3

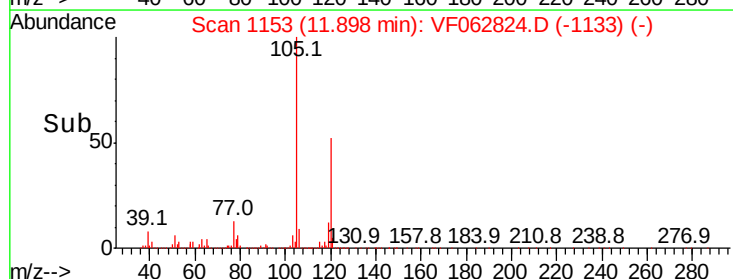
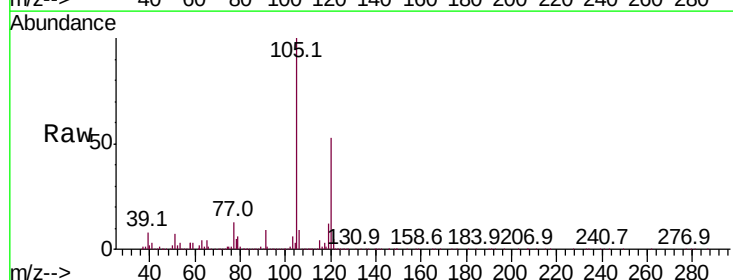
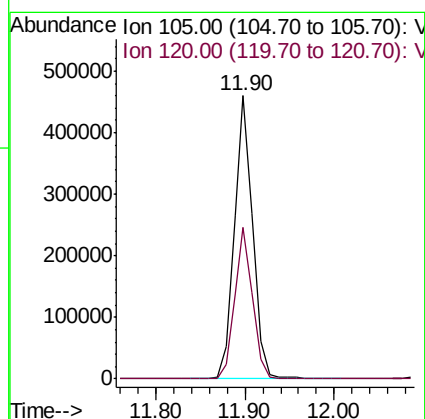
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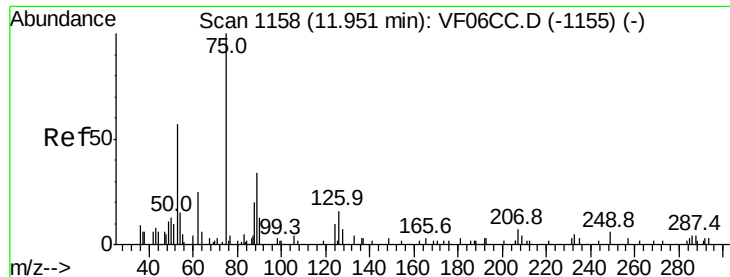
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 21.823 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion: 105 Resp: 668908
Ion Ratio Lower Upper
105 100
120 53.3 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.710 ug/l m

RT: 11.94 min Scan# 1157

Delta R.T. -0.02 min

Lab File: VF062824.D

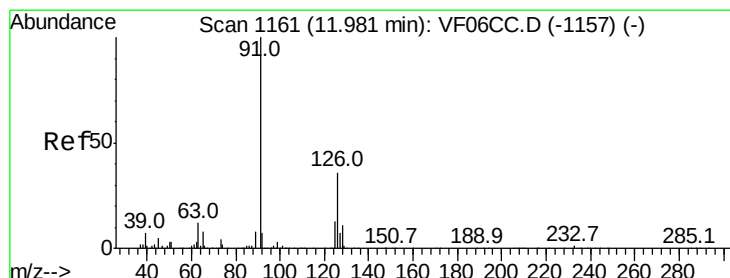
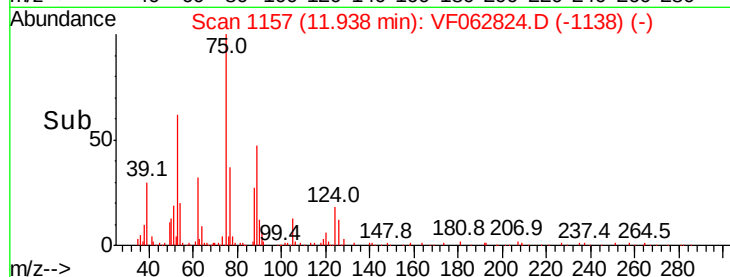
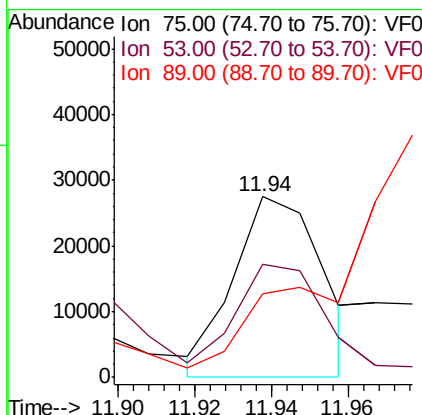
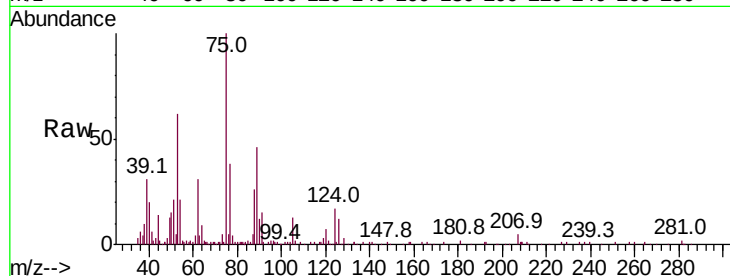
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	62.5	43.5	65.3
89	46.0	34.3	51.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 22.582 ug/l

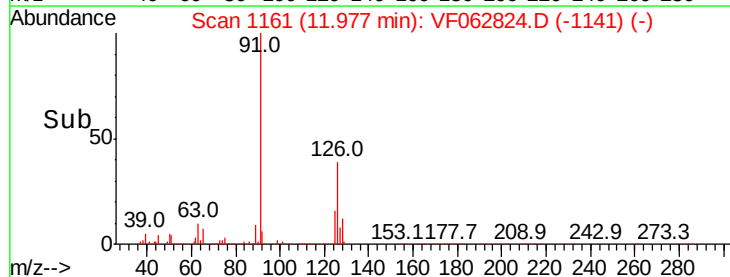
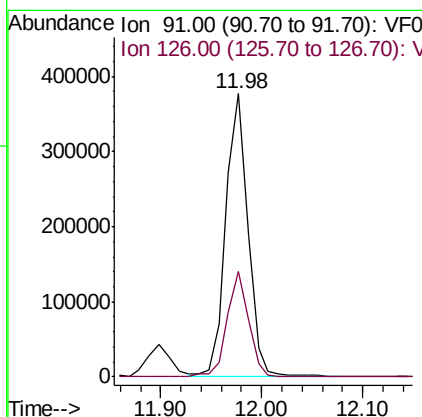
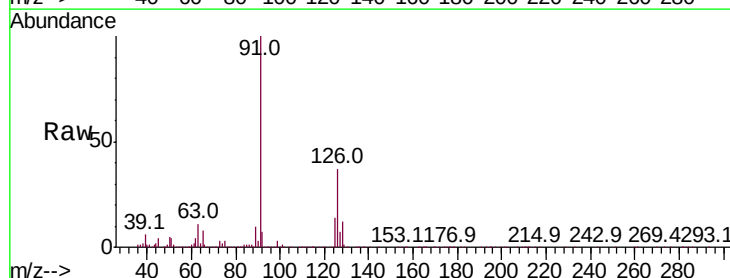
RT: 11.98 min Scan# 1161

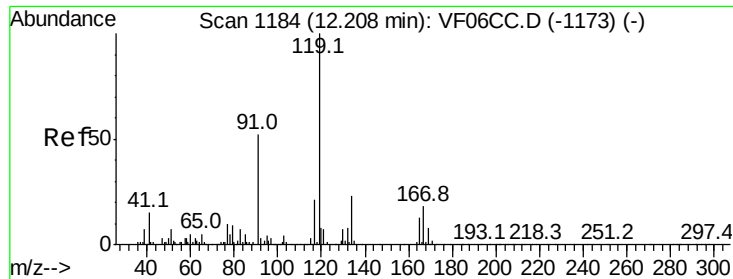
Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.3	19.1	57.1





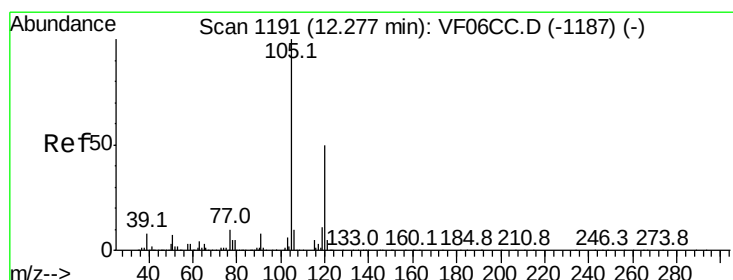
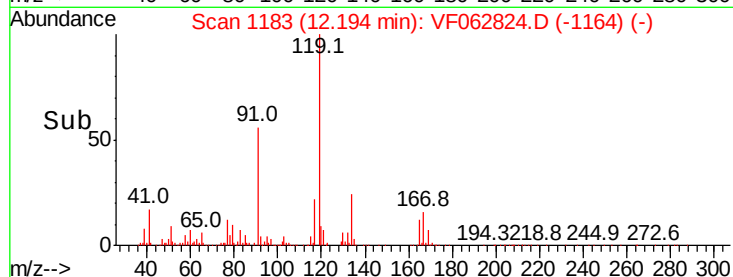
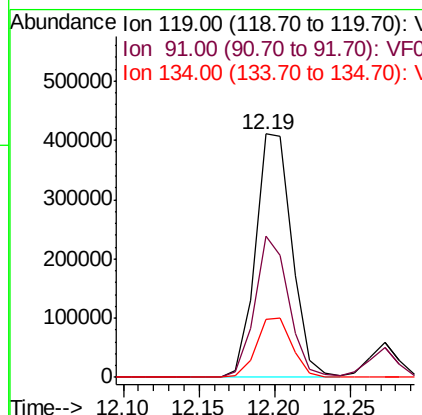
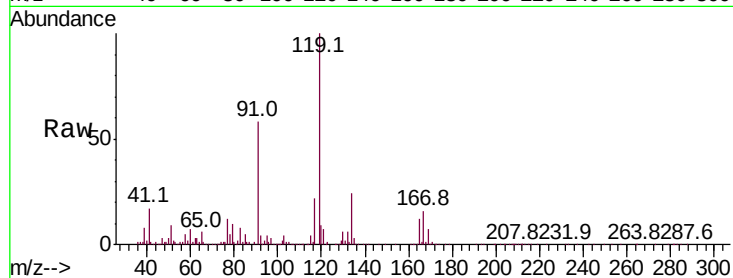
#83
 tert-Butylbenzene
 Concen: 22.790 ug/l
 RT: 12.19 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: VF062824.D
 Acq: 3 Jun 2019 13:04

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0603SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	692182		
91	58.1		28.9	86.7
134	23.8		14.3	42.9

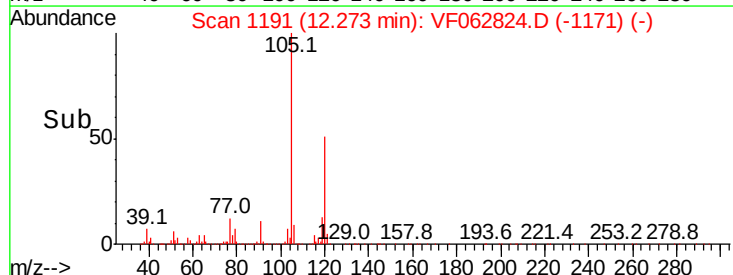
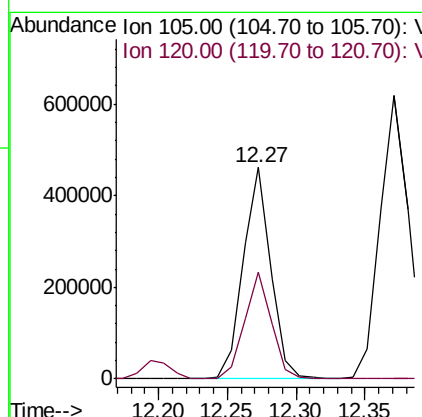
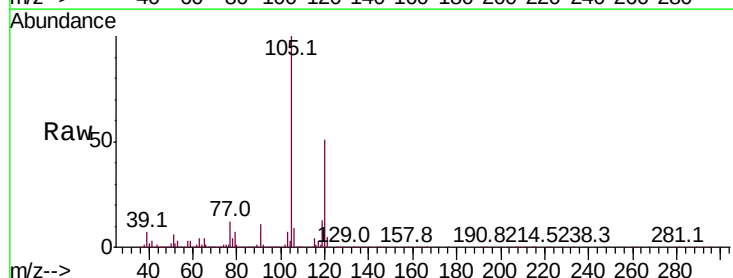
Manual Integrations
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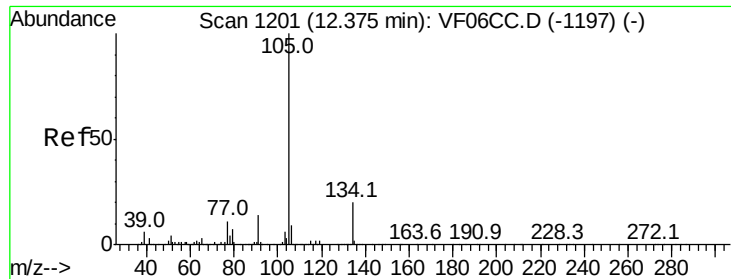
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.202 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: VF062824.D
 Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	645240		
120	50.5		27.1	81.3





#85

sec-Butylbenzene

Concen: 22.607 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

ClientSampleId :

VF0603SBSD01

Tot Ion:105 Resp: 904741

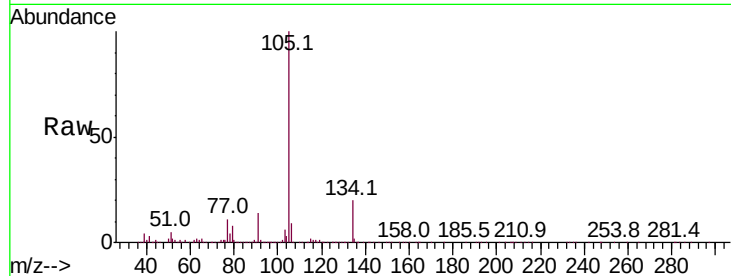
Ion Ratio Lower Upper

105 100

134 20.2 10.5 31.6

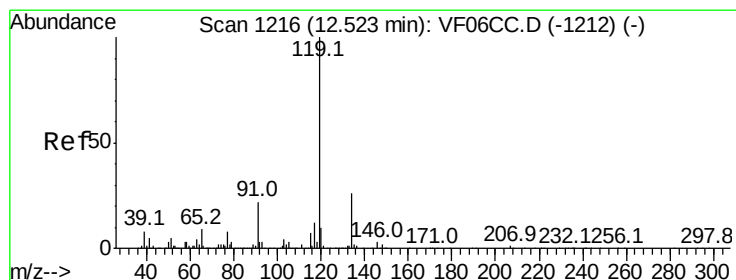
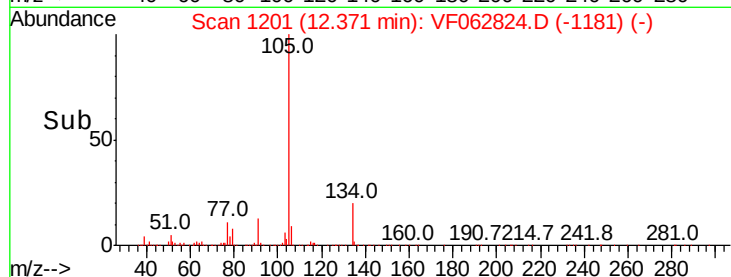
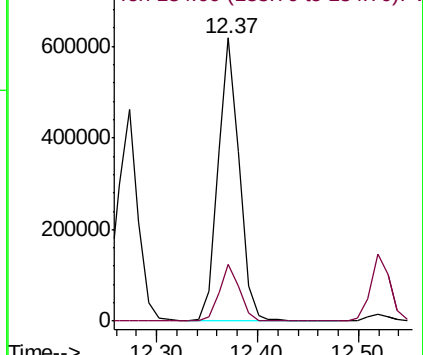
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.748 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

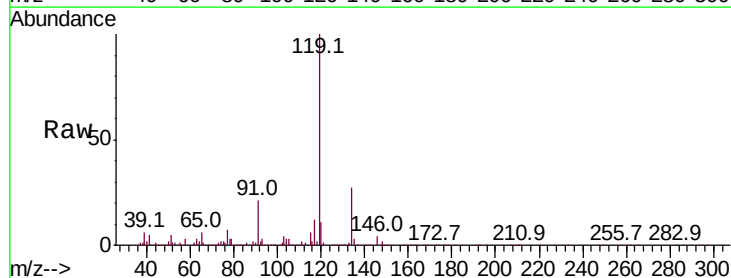
Tgt Ion:119 Resp: 724456

Ion Ratio Lower Upper

119 100

134 27.2 15.5 46.5

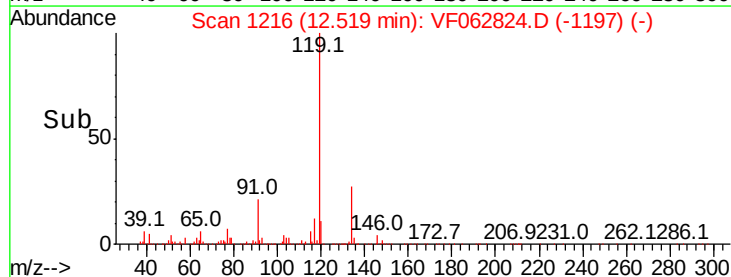
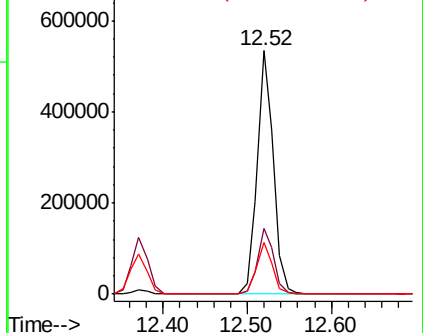
91 21.1 10.3 30.9

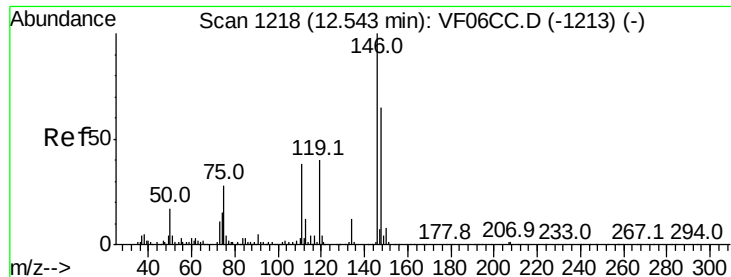


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0





#87

1,3-Dichlorobenzene

Concen: 21.024 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

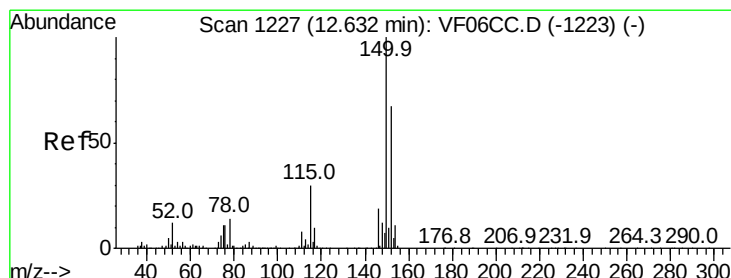
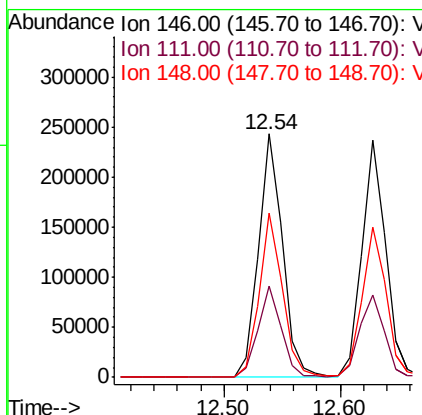
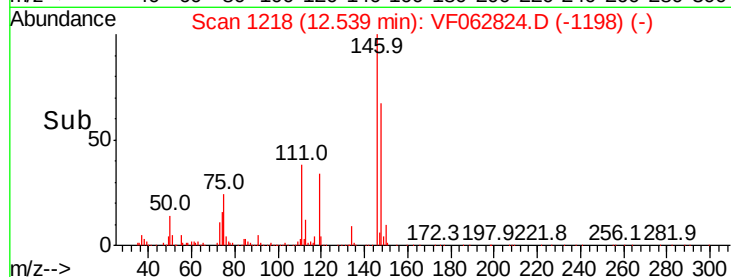
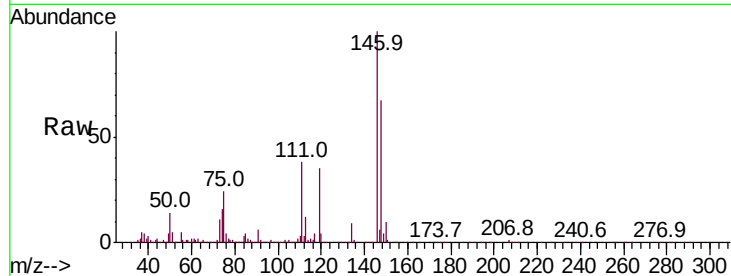
Instrument :
MSVOA_F

ClientSampleId :
VF0603SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.6	58.8
148	67.3	34.2	102.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.800 ug/l

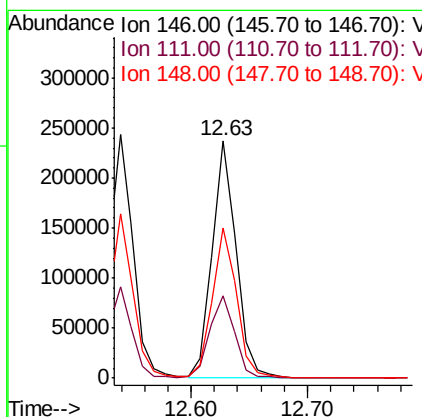
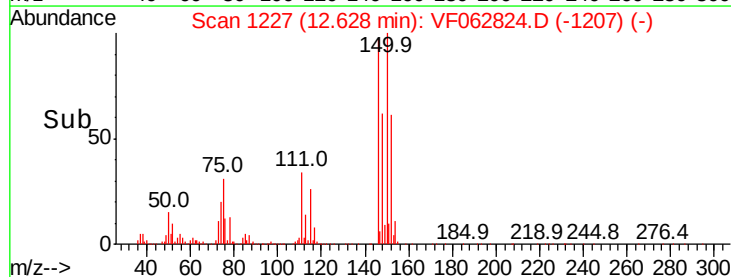
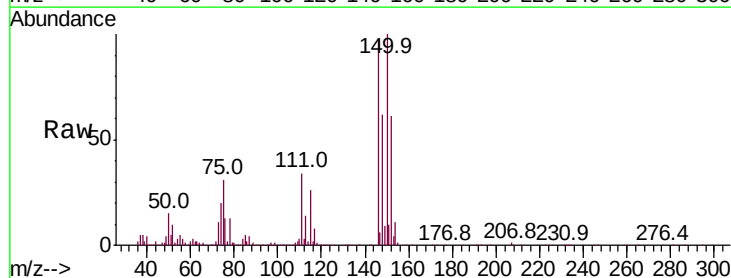
RT: 12.63 min Scan# 1227

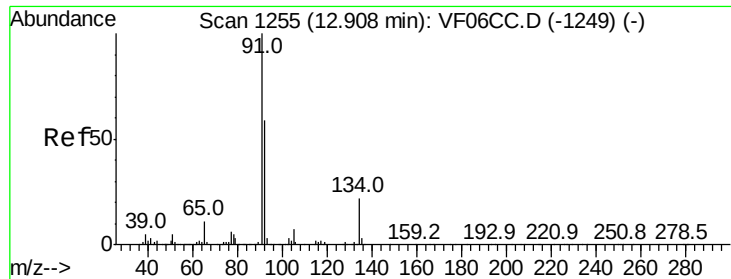
Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.7	20.3	60.9
148	63.2	34.0	101.8





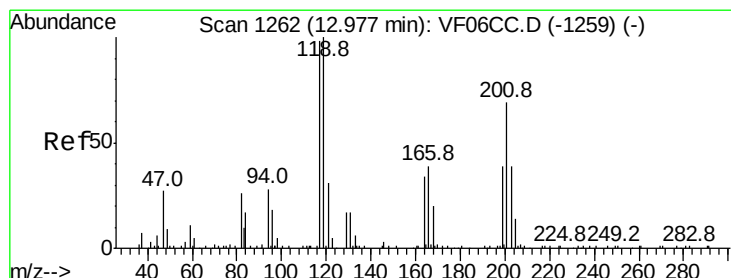
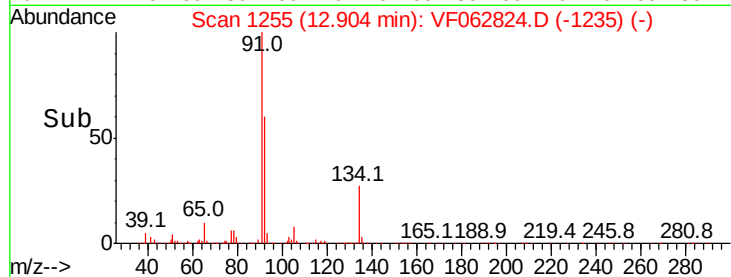
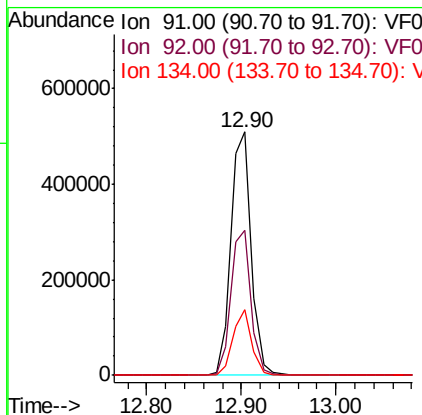
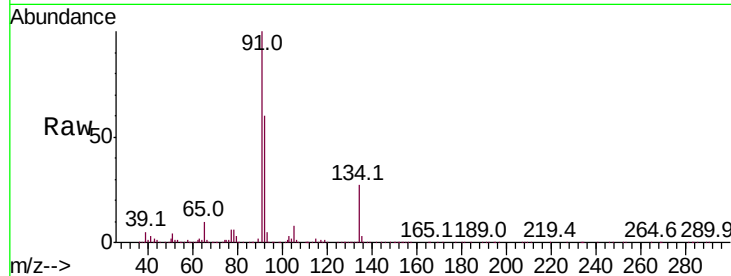
#89
n-Butylbenzene
Concen: 22.630 ug/l
RT: 12.90 min Scan# 1255
Delta R.T. -0.01 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Instrument :
MSVOA_F
ClientSampleId :
VF0603SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	59.6	34.2	102.6
134	27.0	15.8	47.3

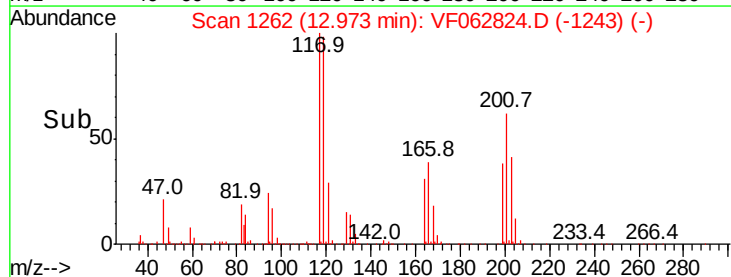
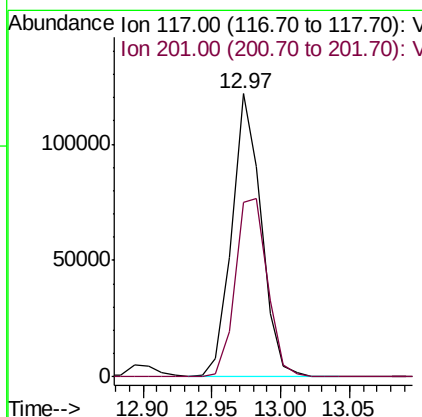
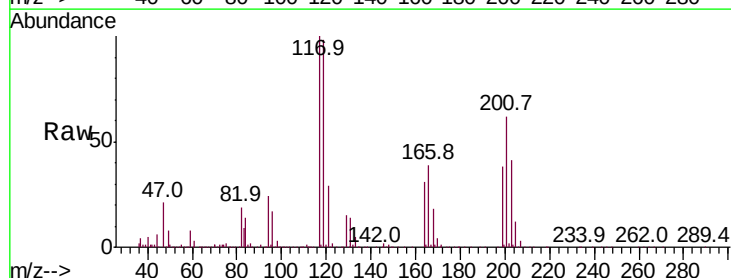
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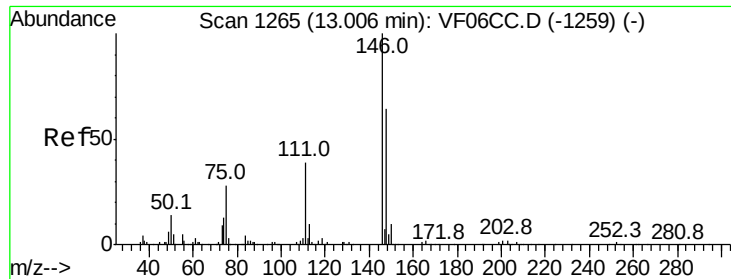
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#90
Hexachloroethane
Concen: 22.283 ug/l
RT: 12.97 min Scan# 1262
Delta R.T. -0.02 min
Lab File: VF062824.D
Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	61.5	38.9	116.7





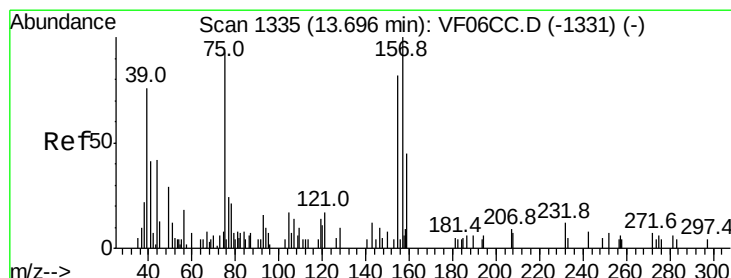
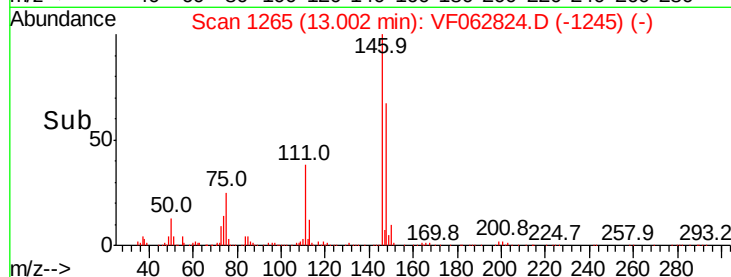
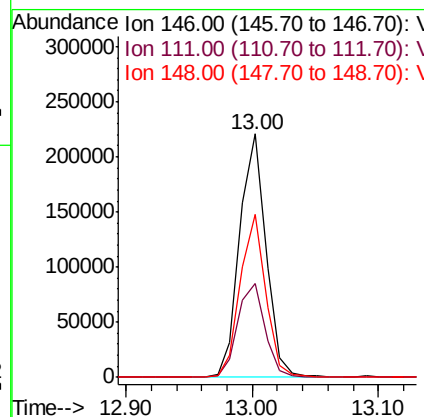
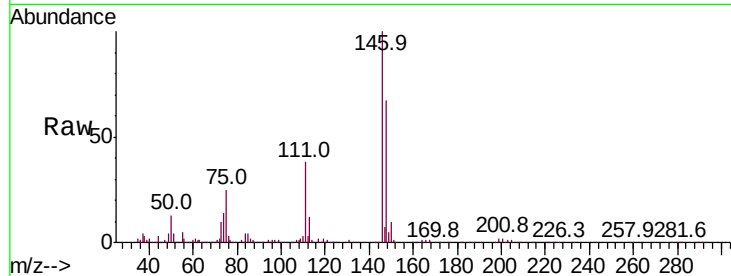
#91
 1,2-Dichlorobenzene
 Concen: 21.686 ug/l
 RT: 13.00 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: VF062824.D
 Acq: 3 Jun 2019 13:04

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0603SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.4	61.3
148	66.7	34.1	102.3

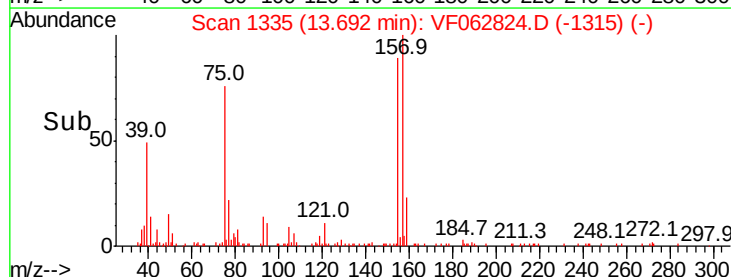
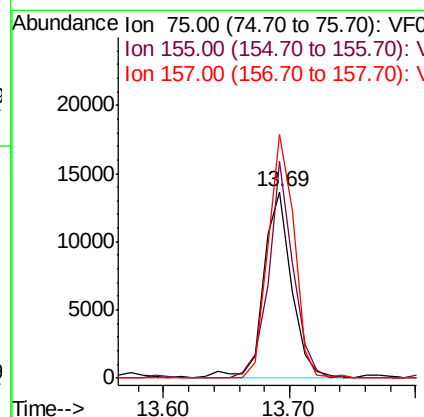
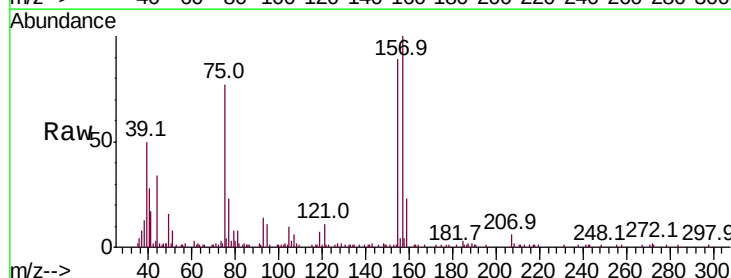
Manual Integrations
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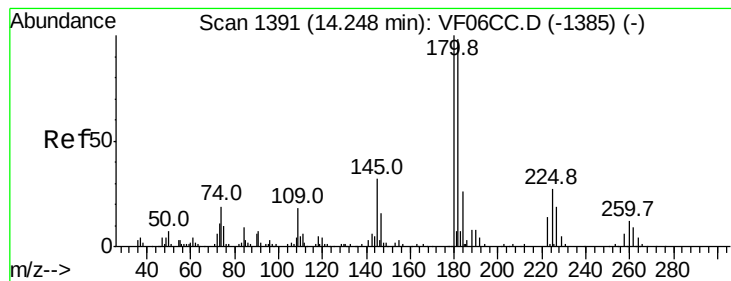
MMDadoda
 6/4/2019 12:15:48 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.222 ug/l
 RT: 13.69 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: VF062824.D
 Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	116.4	51.7	155.1
157	130.5	66.8	200.6





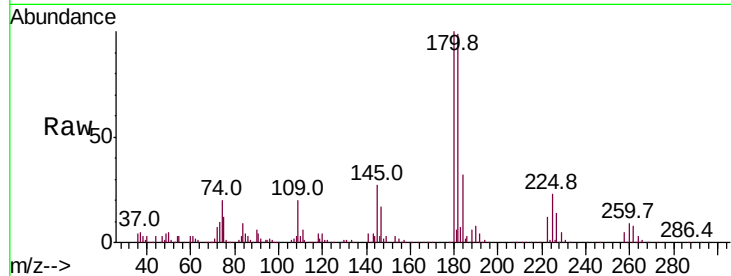
#93
 1,2,4-Trichlorobenzene
 Concen: 20.982 ug/l
 RT: 14.24 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VF062824.D
 Acq: 3 Jun 2019 13:04

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0603SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	210309		
182	99.2	50.3	150.9	
145	27.2	15.4	46.2	

Manual Integrations
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MMDadoda
 6/4/2019 12:15:48 PM

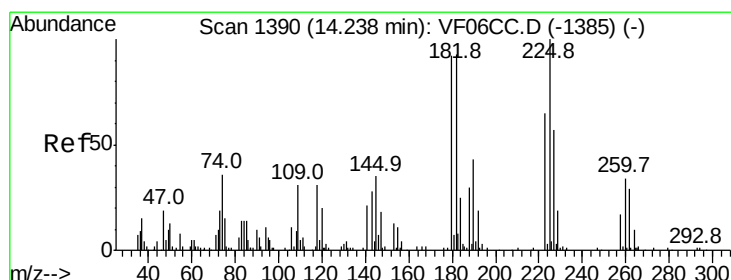
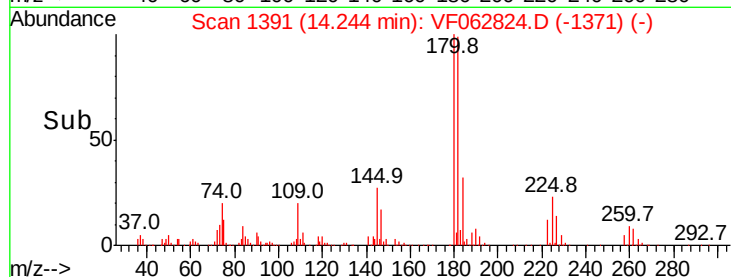
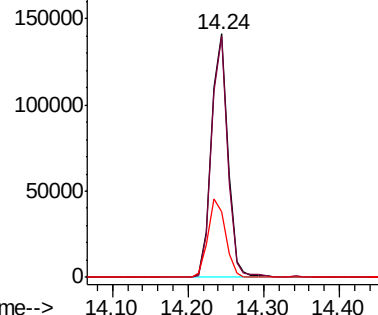


Abundance

Ion 180.00 (179.70 to 180.70): V

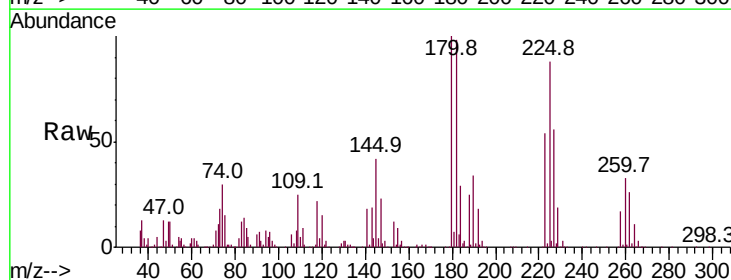
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94
 Hexachlorobutadiene
 Concen: 20.898 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VF062824.D
 Acq: 3 Jun 2019 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144912		
223	62.9	30.8	92.4	
227	62.9	31.9	95.5	

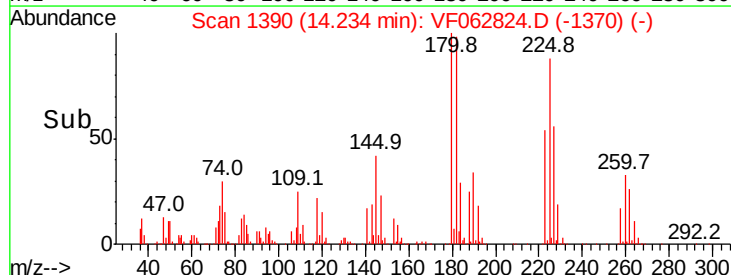
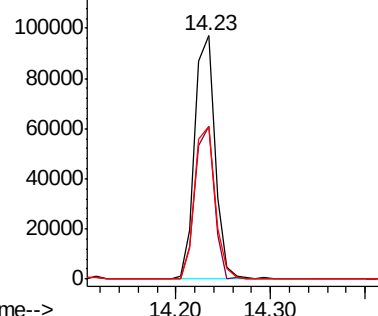


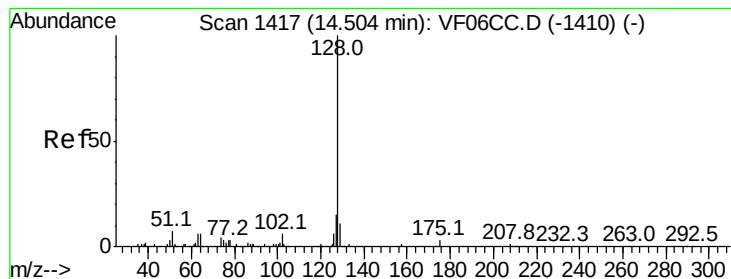
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#95

Naphthalene

Concen: 21.482 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. -0.02 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Instrument :

MSVOA_F

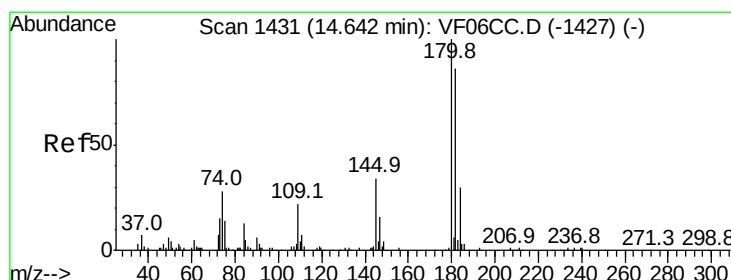
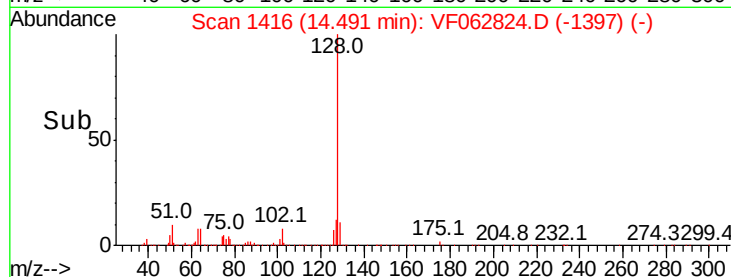
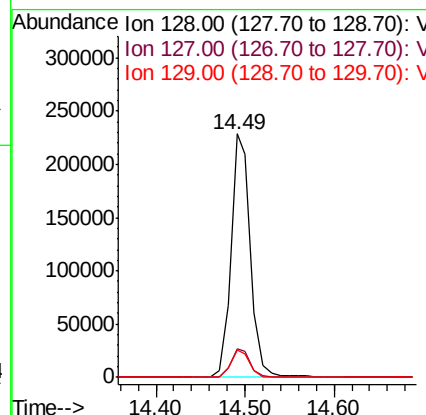
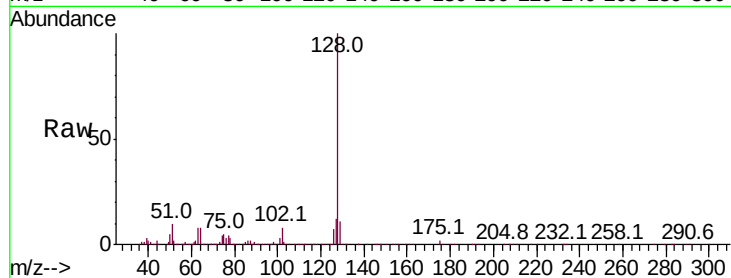
ClientSampleId :

VF0603SBSD01

Tot Ion:	128	Resp:	352761
Ion Ratio	Lower	Upper	
128	100		
127	12.0	9.7	14.5
129	11.4	9.4	14.2

Manual Integrations
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6/4/2019 12:15:48 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.494 ug/l

RT: 14.64 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VF062824.D

Acq: 3 Jun 2019 13:04

Tgt Ion:	180	Resp:	187514
Ion Ratio	Lower	Upper	
180	100		
182	98.4	48.6	145.9
145	30.0	15.7	47.0

