

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032519\
 Data File : VF062130.D
 Acq On : 25 Mar 2019 14:31
 Operator : VA/AP
 Sample : VF0325SBSD01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0325SBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 3:59:24 PM

Quant Time: Mar 26 05:10:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	251433	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	389256	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.77	117	320180	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	178594	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	105293	56.30	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	112.60%	
35) Dibromofluoromethane	4.11	113	145605	55.30	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	110.60%	
50) Toluene-d8	7.55	98	414143	52.69	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	11.41	95	157457	51.89	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.78%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	0.96	85	76985	23.901	ug/l	98
3) Chloromethane	1.09	50	81108	24.065	ug/l	90
4) Vinyl Chloride	1.14	62	78397	25.147	ug/l	94
5) Bromomethane	1.32	94	48381	21.589	ug/l	96
6) Chloroethane	1.39	64	38564	24.573	ug/l	96
7) Trichlorofluoromethane	1.47	101	90088	23.927	ug/l	97
8) Diethyl Ether	1.63	74	18692	21.733	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	1.85	101	61748	24.039	ug/l	95
10) Methyl Iodide	1.91	142	112027m	22.951	ug/l	
11) Tert butyl alcohol	2.57	59	11107	107.939	ug/l	97
12) 1,1-Dichloroethene	1.80	96	53285	21.986	ug/l	98
13) Acrolein	2.00	56	15615	126.194	ug/l	93
14) Allyl chloride	2.09	41	68252	26.377	ug/l	96
15) Acrylonitrile	2.94	53	41296	114.125	ug/l	95
16) Acetone	2.24	43	43147	109.619	ug/l	100
17) Carbon Disulfide	1.81	76	167889	22.717	ug/l	99
18) Methyl Acetate	2.35	43	20633	21.975	ug/l	97
19) Methyl tert-butyl Ether	2.43	73	92734	24.209	ug/l	95
20) Methylene Chloride	2.18	84	60332m	23.811	ug/l	
21) trans-1,2-Dichloroethene	2.31	96	58190	24.954	ug/l	96
22) Diisopropyl ether	2.80	45	159264	23.476	ug/l	95
23) Vinyl Acetate	3.19	43	334994	120.603	ug/l	97
24) 1,1-Dichloroethane	2.87	63	94780	23.297	ug/l	98
25) 2-Butanone	4.33	43	93785	114.134	ug/l	96
26) 2,2-Dichloropropane	3.60	77	39805	24.131	ug/l	97
27) cis-1,2-Dichloroethene	3.47	96	69529	22.501	ug/l	94
28) Bromochloromethane	3.71	49	40480	24.353	ug/l	88
29) Tetrahydrofuran	4.06	42	40083	112.193	ug/l	97
30) Chloroform	3.86	83	104721	24.356	ug/l	94
31) Cyclohexane	3.69	56	96572m	22.728	ug/l	
32) 1,1,1-Trichloroethane	4.08	97	63912	24.436	ug/l	95
36) 1,1-Dichloropropene	4.28	75	76935	20.750	ug/l	96
37) Ethyl Acetate	4.11	43	34803	21.479	ug/l	97
38) Carbon Tetrachloride	4.00	117	59861	23.688	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.45	83	94286	21.911	ug/l	92
40) Benzene	4.63	78	219604	22.094	ug/l	99
41) Methacrylonitrile	4.74	41	18376	21.434	ug/l	89
42) 1,2-Dichloroethane	4.94	62	50657	21.552	ug/l	99
43) Isopropyl Acetate	6.95	43	41345	21.069	ug/l #	95
44) Trichloroethene	5.49	130	66349	21.834	ug/l	99
45) 1,2-Dichloropropane	6.23	63	52333	22.075	ug/l	99
46) Dibromomethane	6.09	93	31707	21.874	ug/l	96
47) Bromodichloromethane	6.38	83	70691	22.018	ug/l	99
48) Methyl methacrylate	6.71	41	25273	22.620	ug/l	97
49) 1,4-Dioxane	6.71	88	4944	504.289	ug/l	94
51) 4-Methyl-2-Pentanone	8.26	43	157958	120.265	ug/l	99
52) Toluene	7.62	92	126393	21.955	ug/l	98
53) t-1,3-Dichloropropene	8.28	75	59877	23.757	ug/l	98
54) cis-1,3-Dichloropropene	7.30	75	78521	21.773	ug/l	93
55) 1,1,2-Trichloroethane	8.48	97	35848	21.922	ug/l	97
56) Ethyl methacrylate	8.62	69	43450	22.279	ug/l	96
57) 1,3-Dichloropropane	8.85	76	59621	21.968	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.29	63	34014	114.938	ug/l	96
59) 2-Hexanone	9.49	43	108670	112.891	ug/l	96
60) Dibromochloromethane	8.71	129	53103	23.359	ug/l	99
61) 1,2-Dibromoethane	8.99	107	39175	22.455	ug/l	89
64) Tetrachloroethene	8.15	164	55018	22.242	ug/l	94
65) Chlorobenzene	9.79	112	133908	22.352	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.93	131	56785	23.597	ug/l	93
67) Ethyl Benzene	9.89	91	243725	23.393	ug/l	99
68) m/p-Xylenes	10.13	106	177401	45.557	ug/l	99
69) o-Xylene	10.71	106	93655	22.964	ug/l	100
70) Styrene	10.78	104	139317	22.546	ug/l	97
71) Bromoform	10.77	173	26440	21.481	ug/l #	98
73) Isopropylbenzene	11.12	105	284841	22.666	ug/l	93
74) N-amyl acetate	11.37	43	68833	22.987	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.69	83	50144	23.239	ug/l	95
76) 1,2,3-Trichloropropane	11.79	75	32742	21.561	ug/l	92
77) Bromobenzene	11.49	156	63309	20.620	ug/l	83
78) n-propylbenzene	11.59	91	327178	22.421	ug/l	99
79) 2-Chlorotoluene	11.72	91	182234	22.468	ug/l	99
80) 1,3,5-Trimethylbenzene	11.82	105	240394	23.256	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.86	75	14841m	23.984	ug/l	
82) 4-Chlorotoluene	11.89	91	180437	21.697	ug/l	99
83) tert-Butylbenzene	12.12	119	235036	21.721	ug/l	95
84) 1,2,4-Trimethylbenzene	12.20	105	227263	22.427	ug/l	96
85) sec-Butylbenzene	12.30	105	304230	21.733	ug/l	98
86) p-Isopropyltoluene	12.46	119	269904	22.255	ug/l	98
87) 1,3-Dichlorobenzene	12.47	146	126045	22.097	ug/l	96
88) 1,4-Dichlorobenzene	12.56	146	122926	22.084	ug/l	99
89) n-Butylbenzene	12.84	91	267995	23.161	ug/l	95
90) Hexachloroethane	12.91	117	62775	21.738	ug/l	97
91) 1,2-Dichlorobenzene	12.94	146	115836	21.626	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.64	75	6633	20.288	ug/l	96

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Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.19	180	86725	23.232	ug/l	98
94) Hexachlorobutadiene	14.18	225	55505	22.362	ug/l	98
95) Naphthalene	14.45	128	142984	21.857	ug/l	100
96) 1,2,3-Trichlorobenzene	14.60	180	77425	22.157	ug/l	96

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

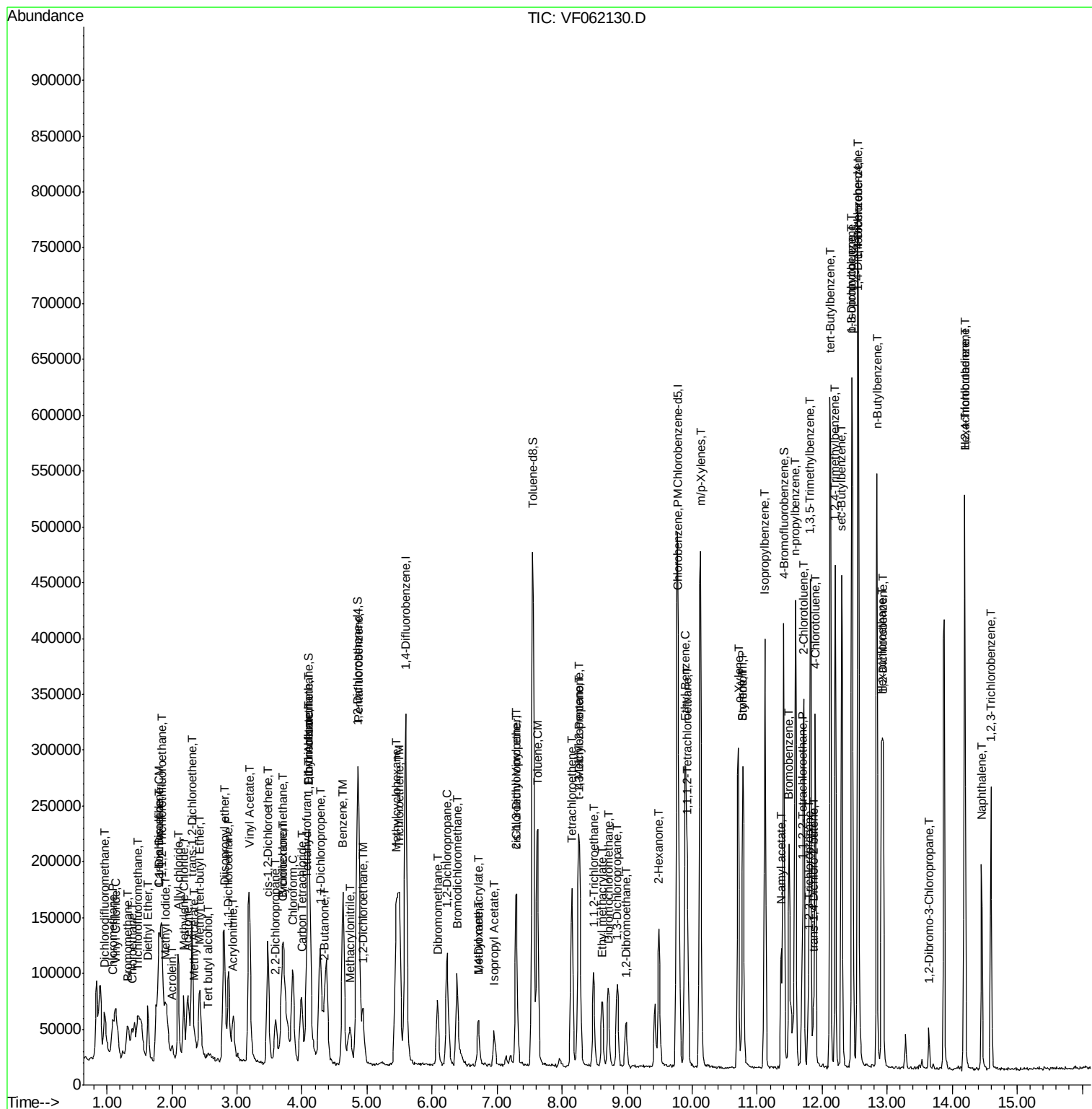
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032519\
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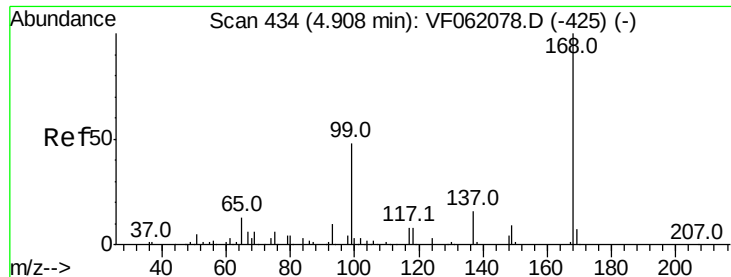
Instrument :
MSVOA_F
Client Sample Id :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBS01

Tot Ion:168 Resp: 251433

Ion Ratio Lower Upper

168 100

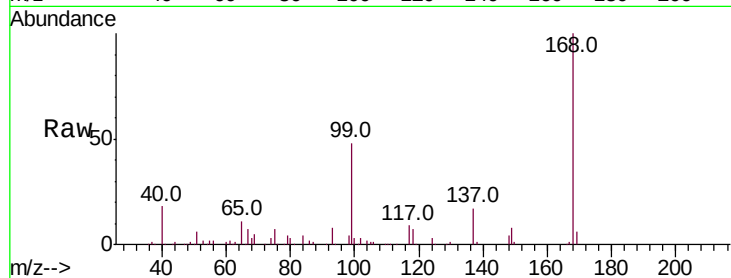
99 47.6 38.2 57.4

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

4.87

80000

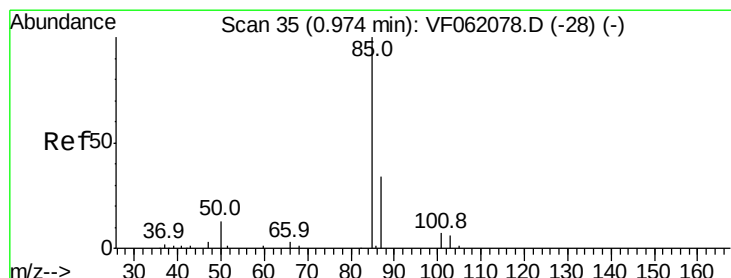
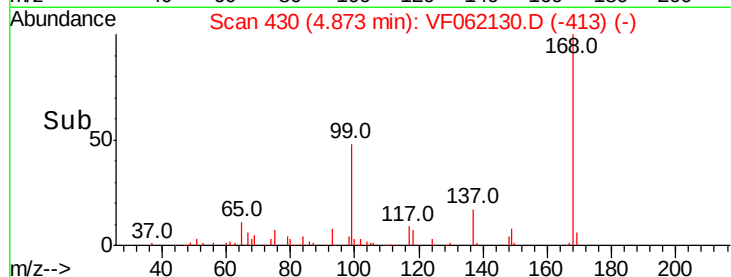
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.901 ug/l

RT: 0.96 min Scan# 33

Delta R.T. -0.02 min

Lab File: VF062130.D

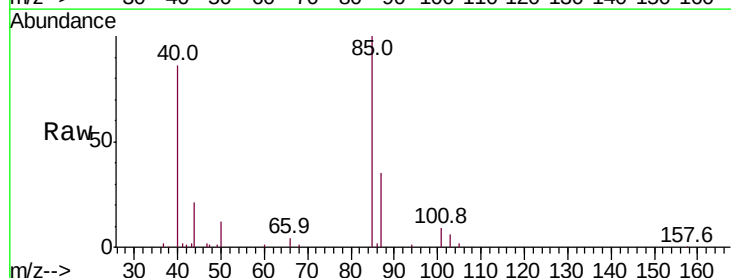
Acq: 25 Mar 2019 14:31

Tgt Ion: 85 Resp: 76985

Ion Ratio Lower Upper

85 100

87 35.2 17.0 51.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.96

25000

20000

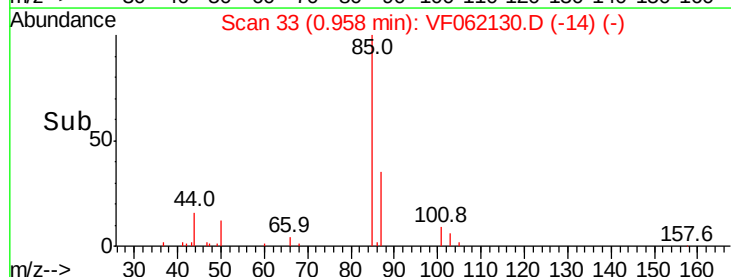
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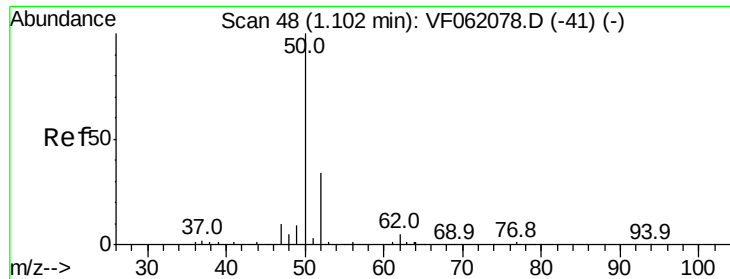
10000

5000

0

Time-->





#3

Chloromethane

Concen: 24.065 ug/l

RT: 1.09 min Scan# 46

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBS01

Tot Ion: 50 Resp: 81108

Ion Ratio Lower Upper

50 100

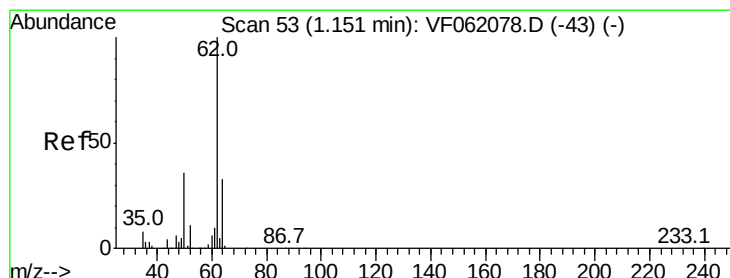
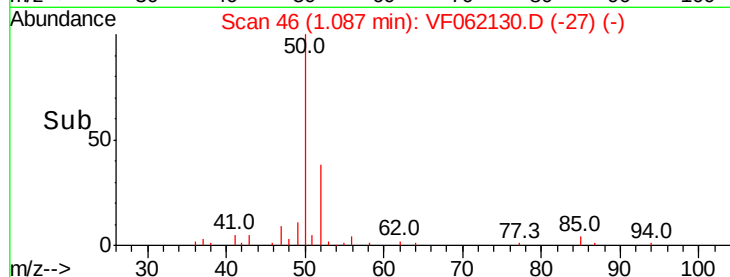
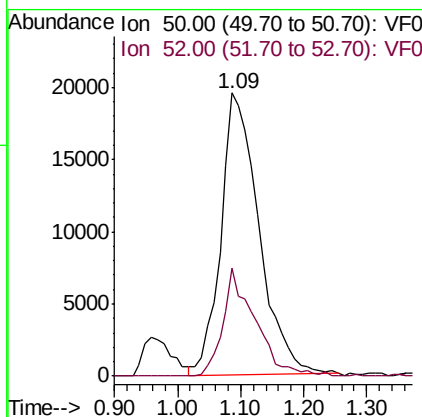
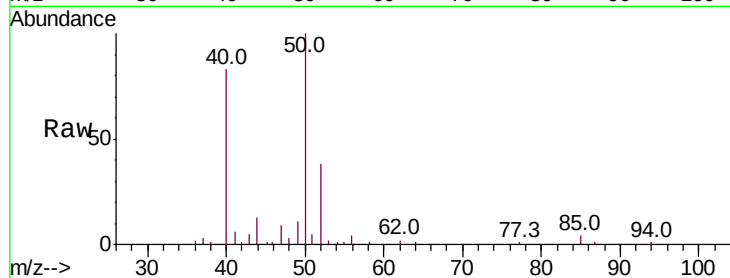
52 38.0 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 25.147 ug/l

RT: 1.14 min Scan# 51

Delta R.T. -0.02 min

Lab File: VF062130.D

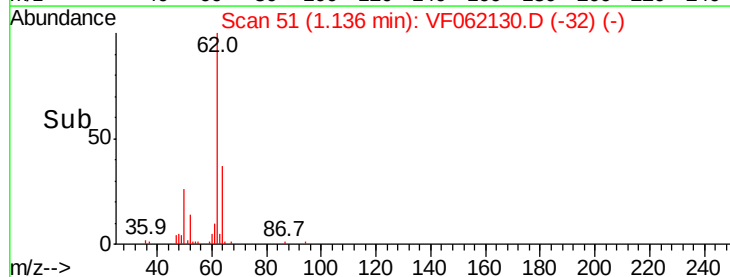
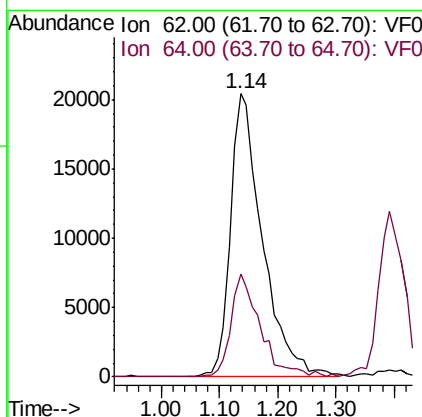
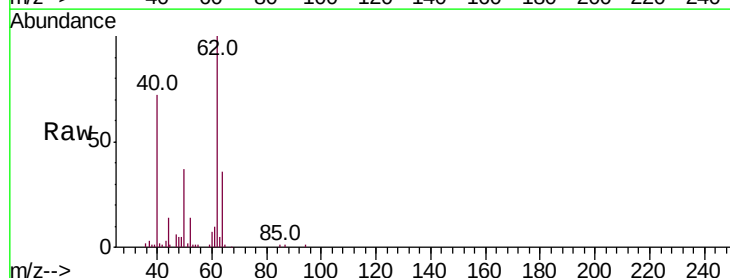
Acq: 25 Mar 2019 14:31

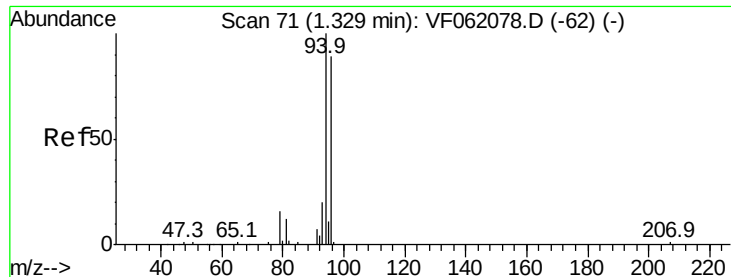
Tgt Ion: 62 Resp: 78397

Ion Ratio Lower Upper

62 100

64 36.3 26.2 39.2





#5

Bromomethane

Concen: 21.589 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.01 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

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Tot Ion: 94 Resp: 48381

Ion Ratio Lower Upper

94 100

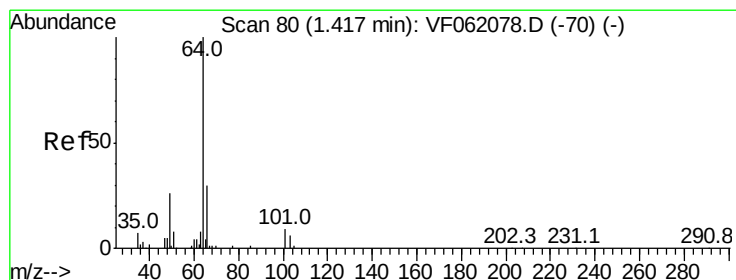
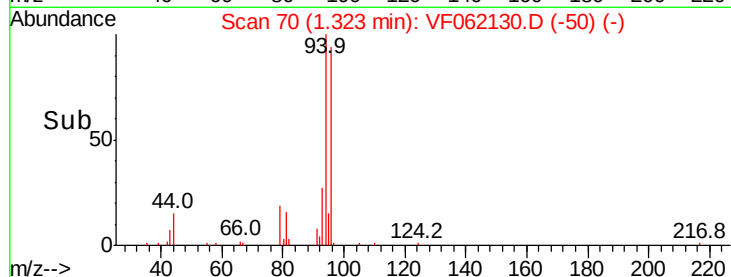
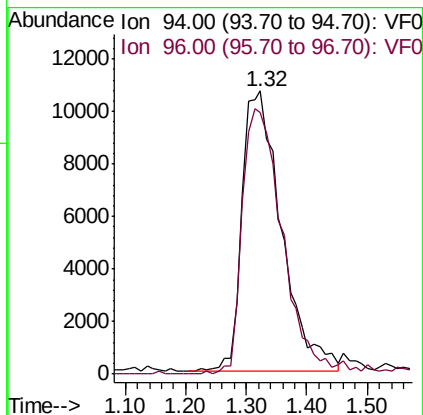
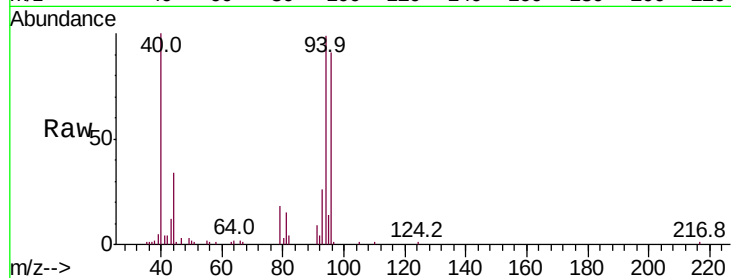
96 92.4 70.9 106.3

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#6

Chloroethane

Concen: 24.573 ug/l

RT: 1.39 min Scan# 77

Delta R.T. -0.02 min

Lab File: VF062130.D

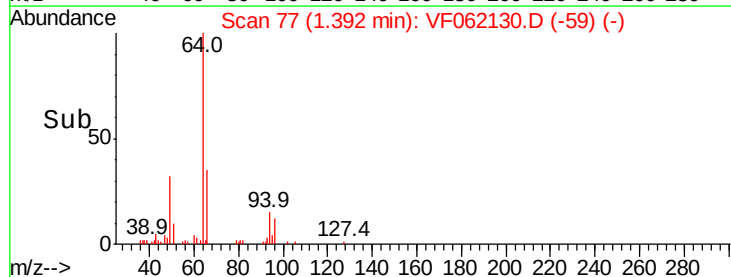
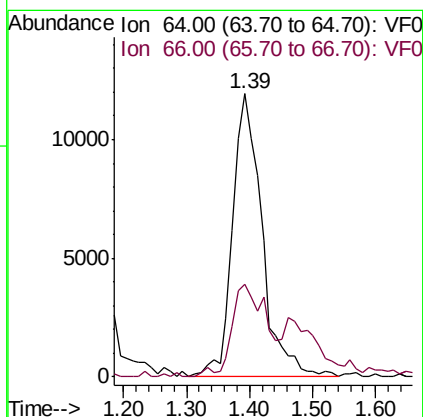
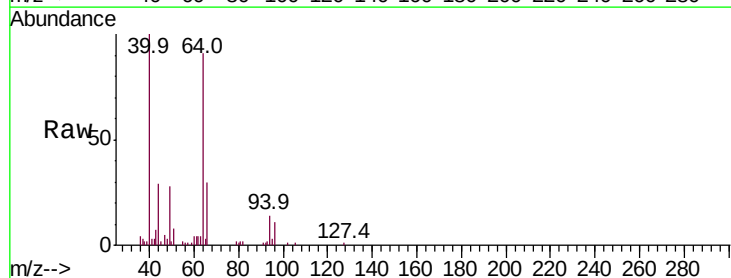
Acq: 25 Mar 2019 14:31

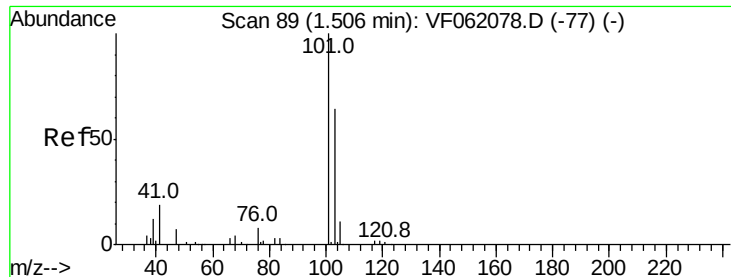
Tgt Ion: 64 Resp: 38564

Ion Ratio Lower Upper

64 100

66 32.5 24.5 36.7





#7

Trichlorofluoromethane

Concen: 23.927 ug/l

RT: 1.47 min Scan# 85

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

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ClientSampleId :

VF0325SBS01

Tot Ion:101 Resp: 90088

Ion Ratio Lower Upper

101 100

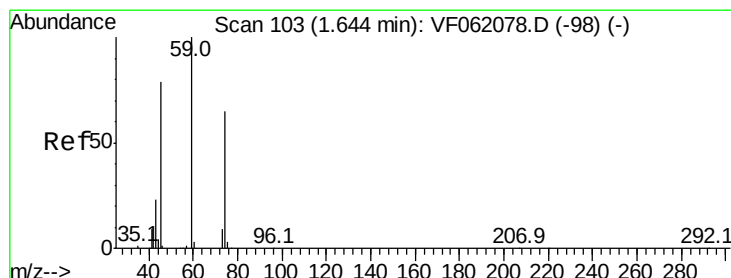
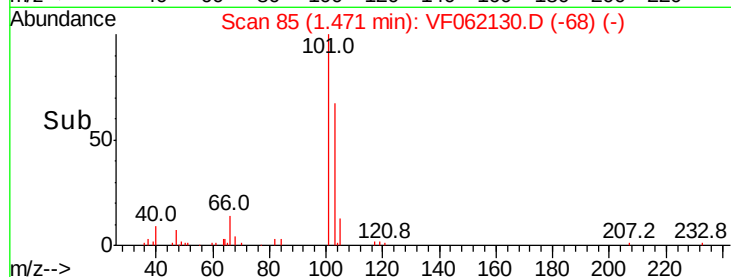
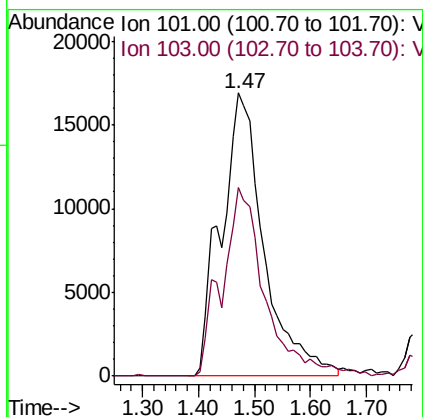
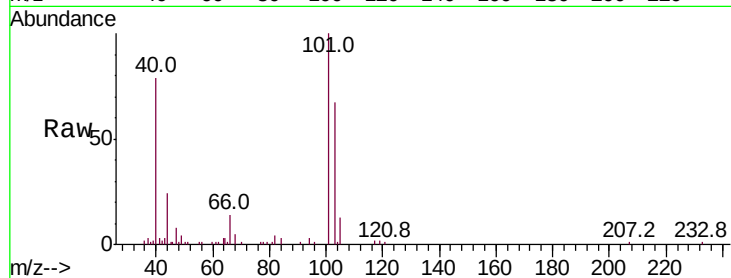
103 66.8 51.5 77.3

Manual Integrations

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#8

Diethyl Ether

Concen: 21.733 ug/l

RT: 1.63 min Scan# 101

Delta R.T. -0.02 min

Lab File: VF062130.D

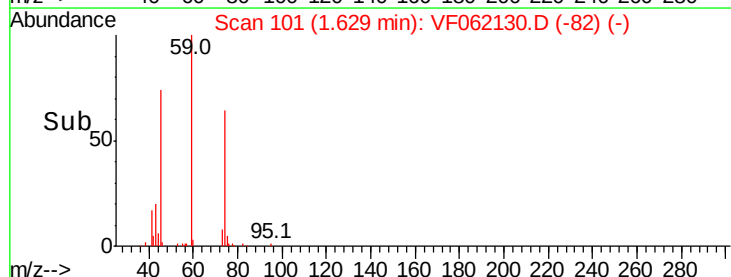
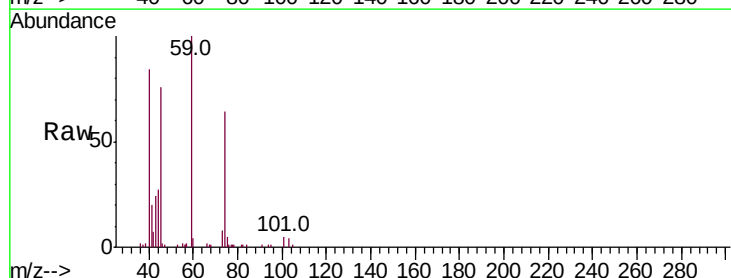
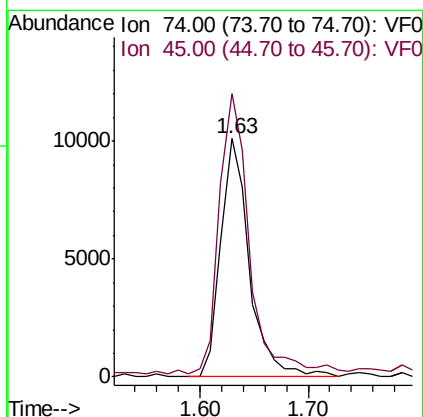
Acq: 25 Mar 2019 14:31

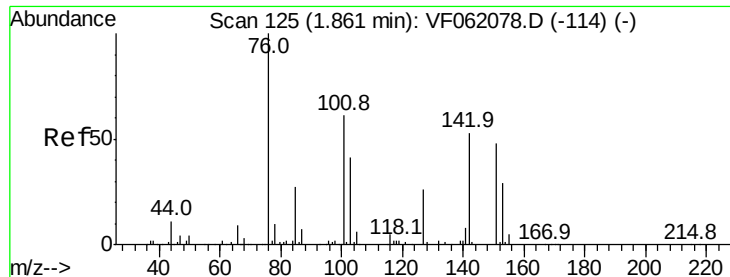
Tgt Ion: 74 Resp: 18692

Ion Ratio Lower Upper

74 100

45 118.9 61.4 184.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.039 ug/l

RT: 1.85 min Scan# 123

Delta R.T. -0.02 min

Lab File: VF062130.D

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MSVOA_F

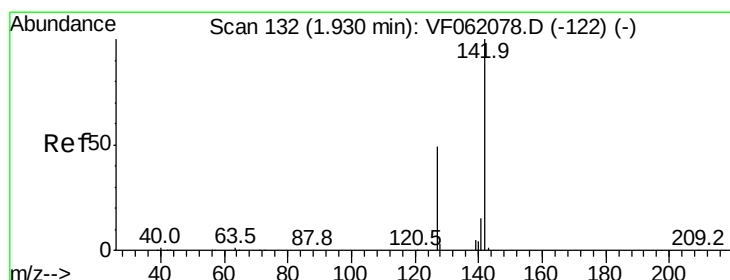
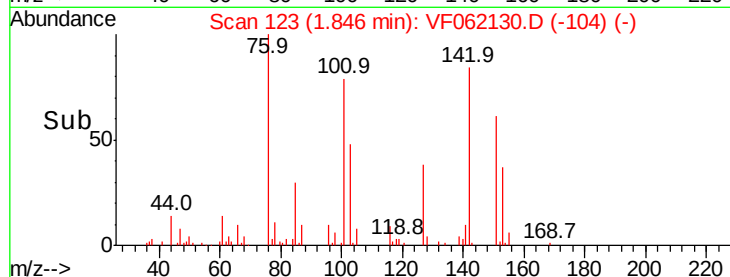
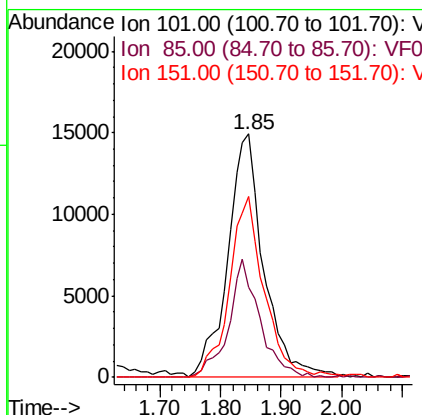
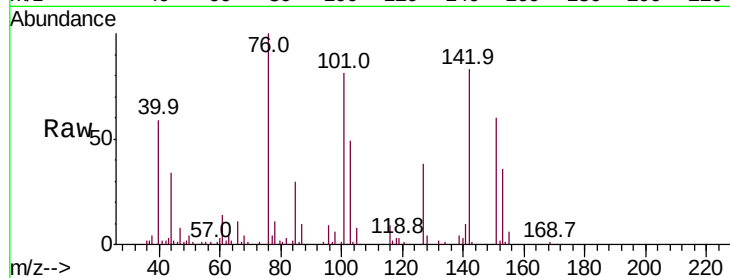
ClientSampleId :

VF0325SBS01

Tot Ion:	101	Resp:	61748
Ion Ratio	Lower	Upper	
101	100		
85	37.2	34.6	52.0
151	74.5	61.7	92.5

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#10

Methyl Iodide

Concen: 22.951 ug/l m

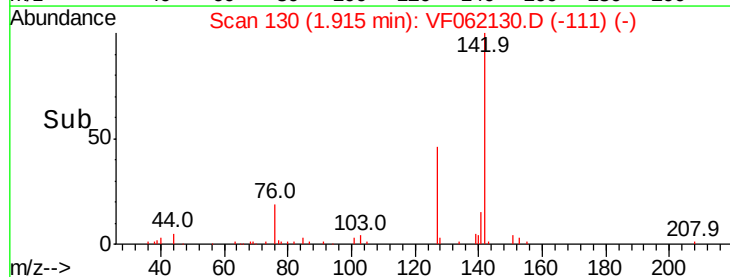
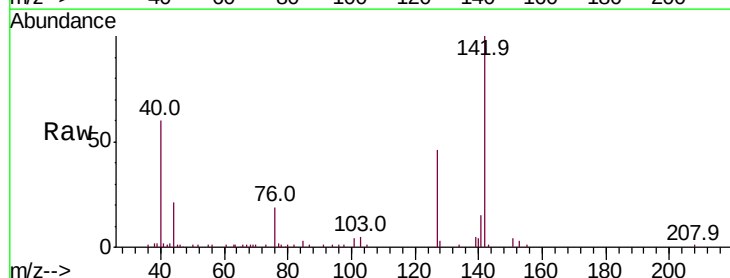
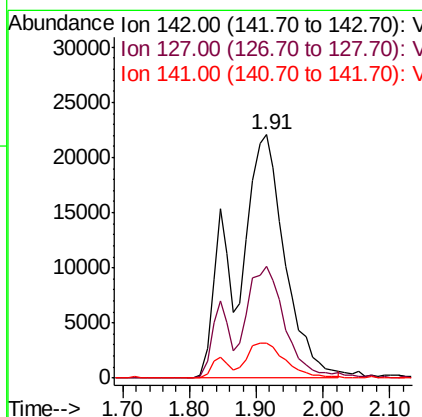
RT: 1.91 min Scan# 130

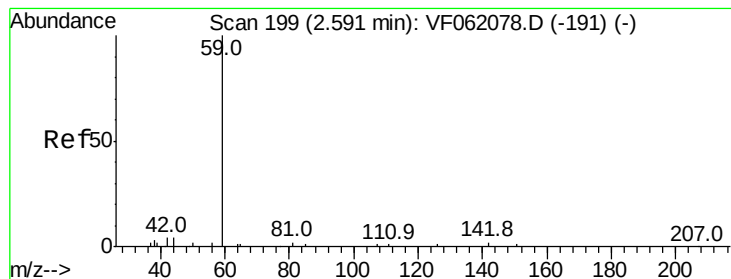
Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Tgt Ion:	142	Resp:	112027
Ion Ratio	Lower	Upper	
142	100		
127	45.8	39.1	58.7
141	14.6	12.2	18.4





#11

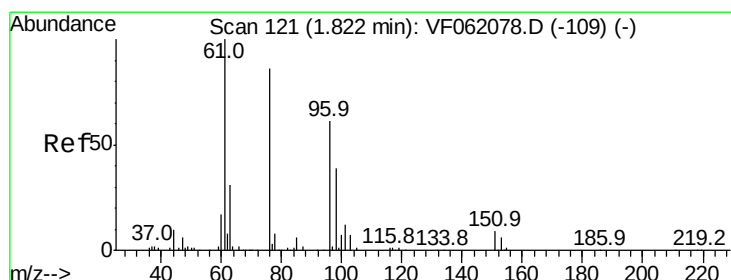
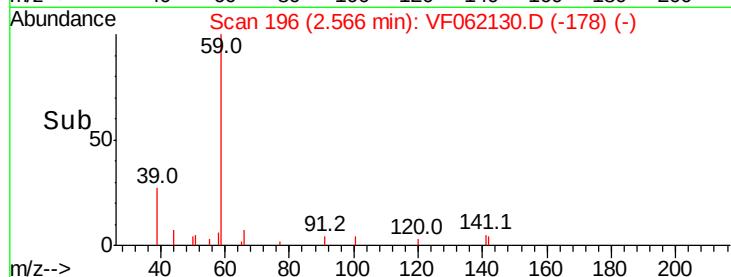
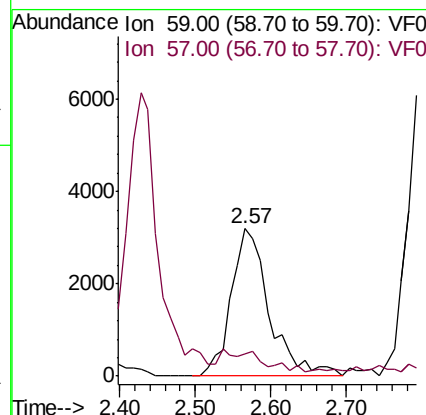
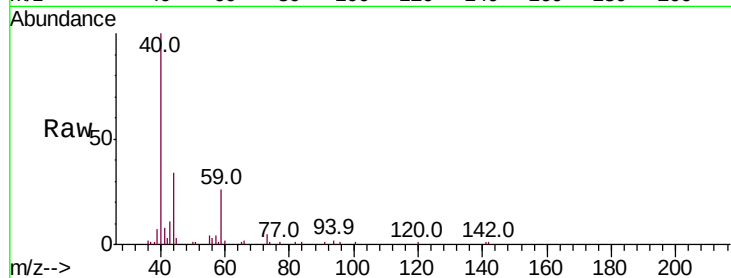
Tert butyl alcohol
Concen: 107.939 ug/l
RT: 2.57 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion: 59 Resp: 11107
Ion Ratio Lower Upper
59 100
57 14.8 11.0 16.4

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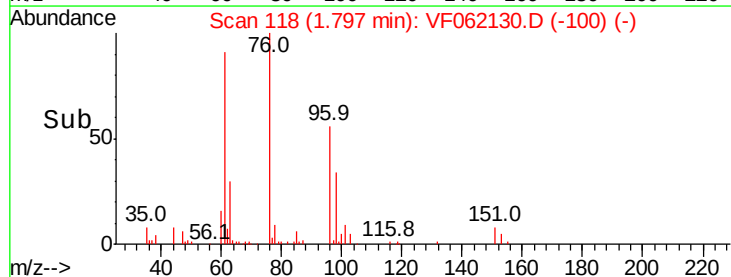
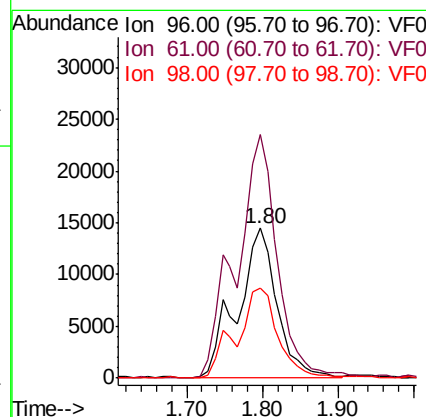
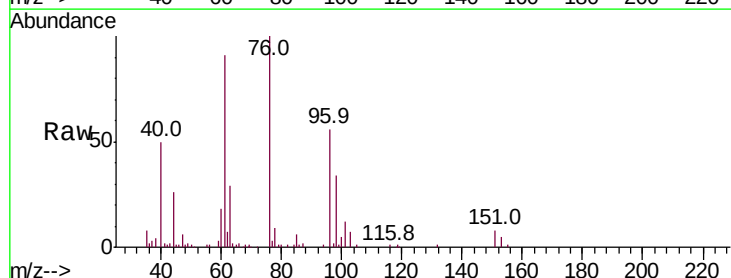
MMDadoda
3/26/2019 3:59:24 PM

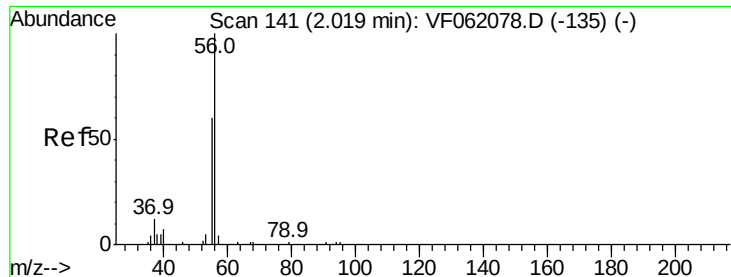


#12

1,1-Dichloroethene
Concen: 21.986 ug/l
RT: 1.80 min Scan# 118
Delta R.T. -0.02 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion: 96 Resp: 53285
Ion Ratio Lower Upper
96 100
61 162.5 131.0 196.6
98 60.3 51.5 77.3





#13

Acrolein

Concen: 126.194 ug/l

RT: 2.00 min Scan# 139

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBS01

Tot Ion: 56 Resp: 15615

Ion Ratio Lower Upper

56 100

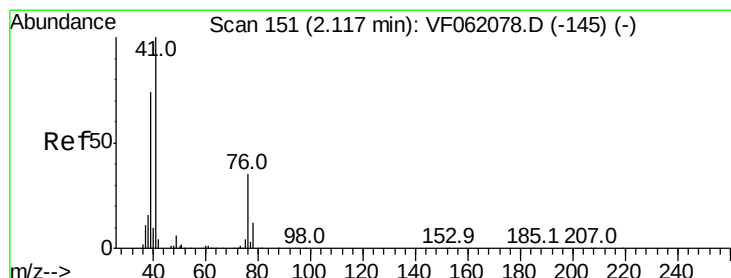
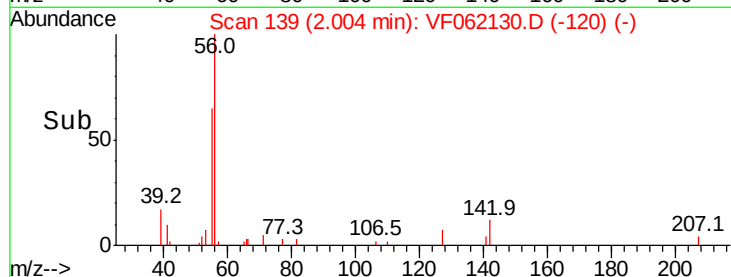
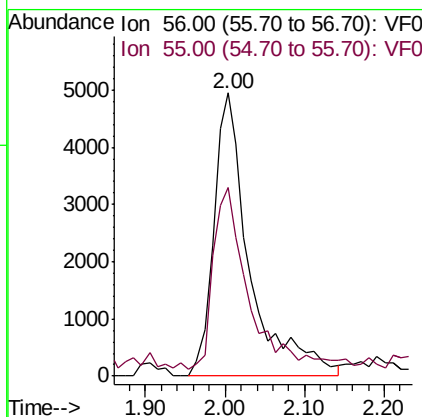
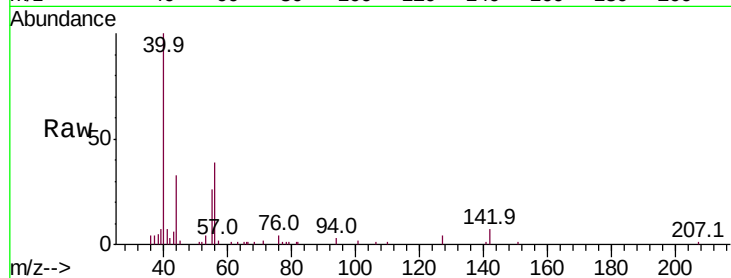
55 66.9 49.0 73.4

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 26.377 ug/l

RT: 2.09 min Scan# 148

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

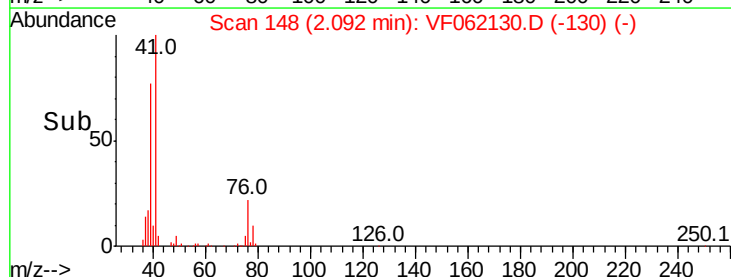
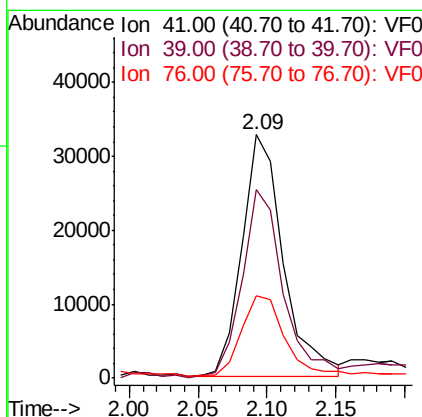
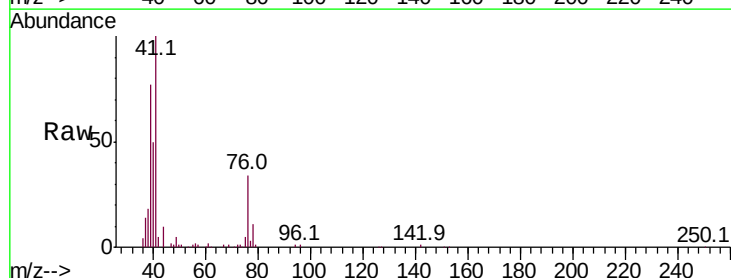
Tgt Ion: 41 Resp: 68252

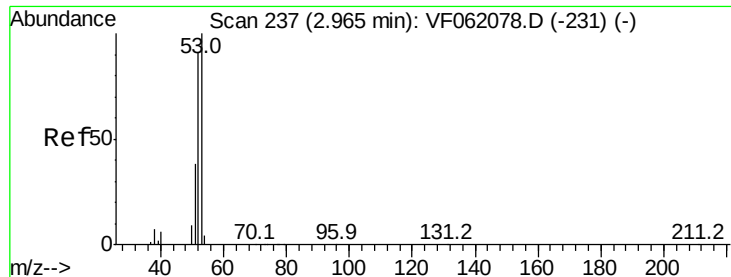
Ion Ratio Lower Upper

41 100

39 77.4 59.8 89.8

76 33.8 30.0 45.0





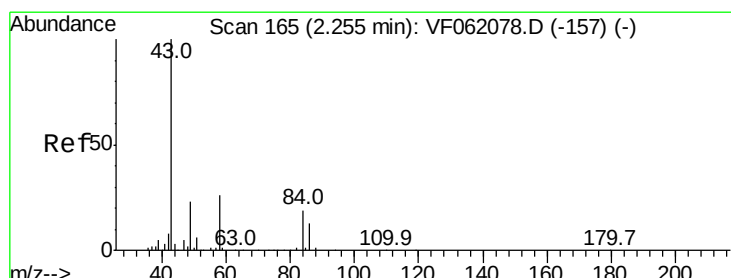
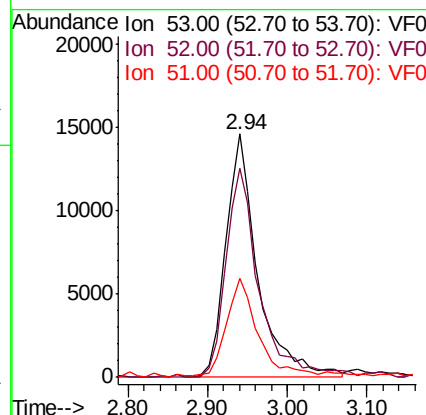
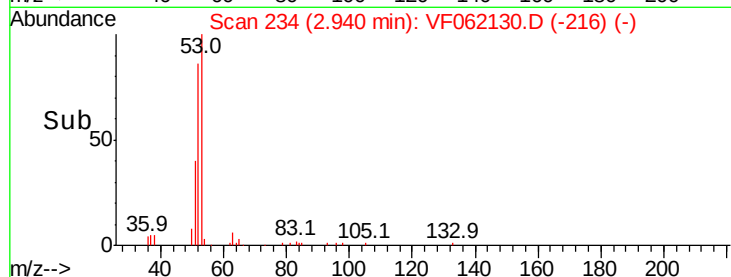
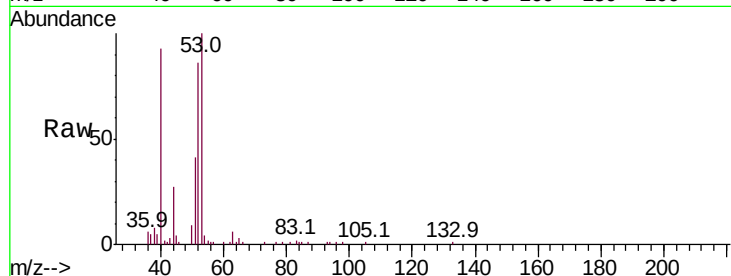
#15
 Acrylonitrile
 Concen: 114.125 ug/l
 RT: 2.94 min Scan# 234
 Delta R.T. -0.02 min
 Lab File: VF062130.D
 Acq: 25 Mar 2019 14:31

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0325SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	85.7	72.3	108.5
51	40.6	30.4	45.6

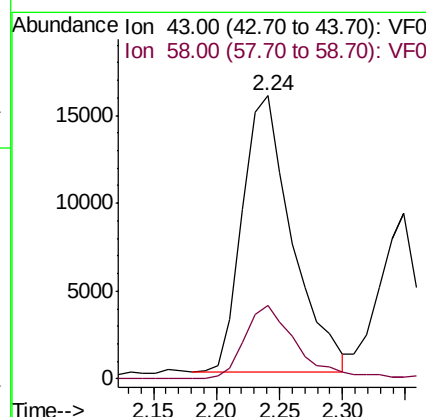
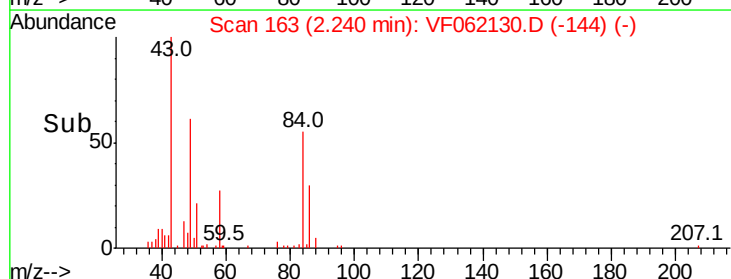
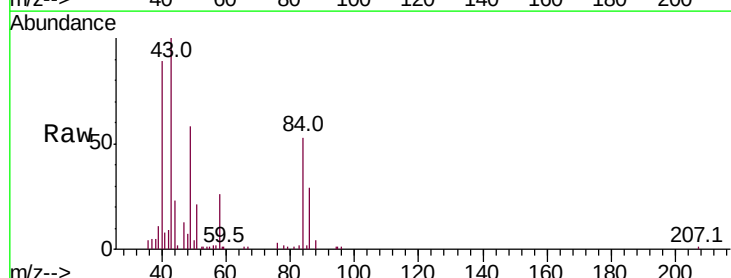
Manual Integrations
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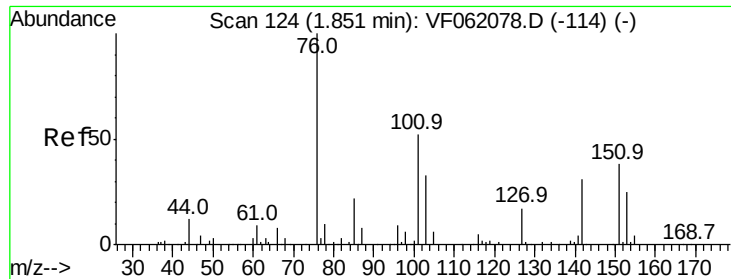
MMDadoda
 3/26/2019 3:59:24 PM



#16
 Acetone
 Concen: 109.619 ug/l
 RT: 2.24 min Scan# 163
 Delta R.T. -0.02 min
 Lab File: VF062130.D
 Acq: 25 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.1	20.8	31.2





#17

Carbon Disulfide

Concen: 22.717 ug/l

RT: 1.81 min Scan# 119

Delta R.T. -0.04 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBSD01

Tot Ion: 76 Resp: 167889

Ion Ratio Lower Upper

76 100

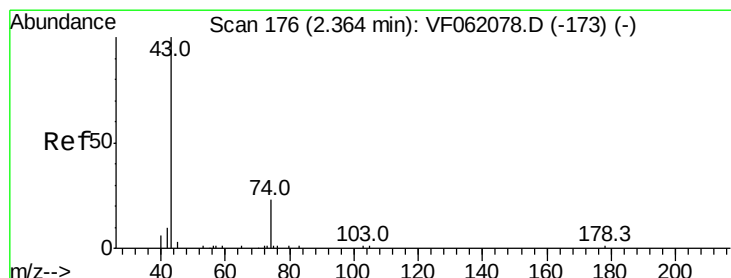
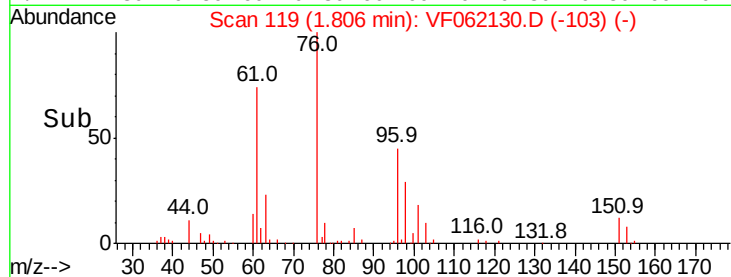
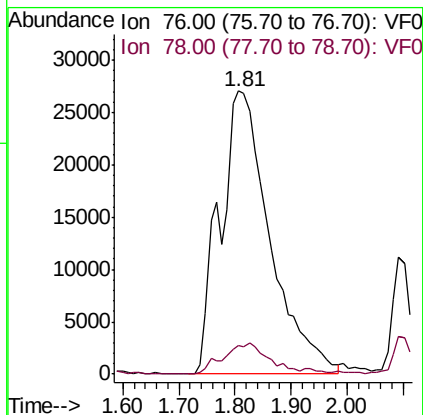
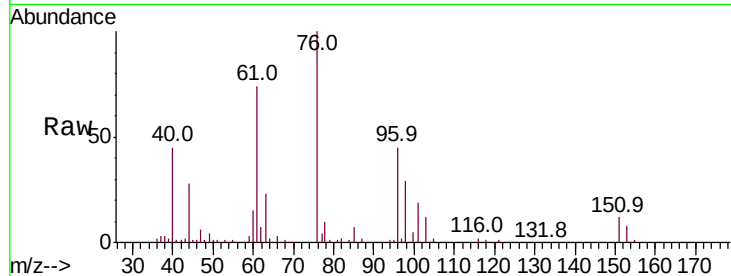
78 10.3 7.9 11.9

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#18

Methyl Acetate

Concen: 21.975 ug/l

RT: 2.35 min Scan# 174

Delta R.T. -0.01 min

Lab File: VF062130.D

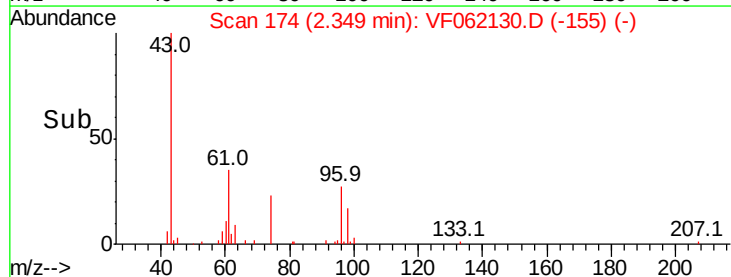
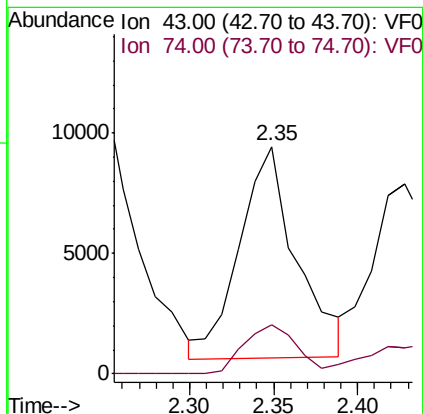
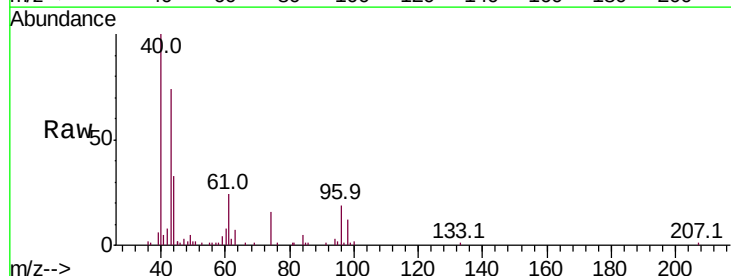
Acq: 25 Mar 2019 14:31

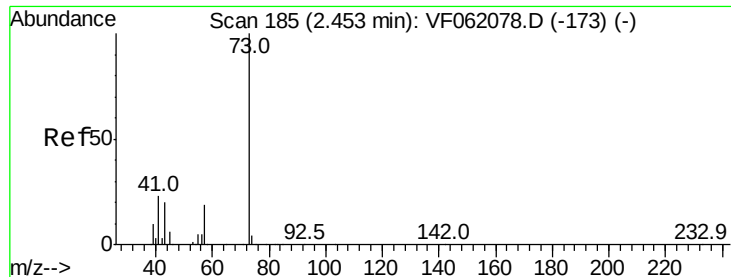
Tgt Ion: 43 Resp: 20633

Ion Ratio Lower Upper

43 100

74 21.8 16.3 24.5





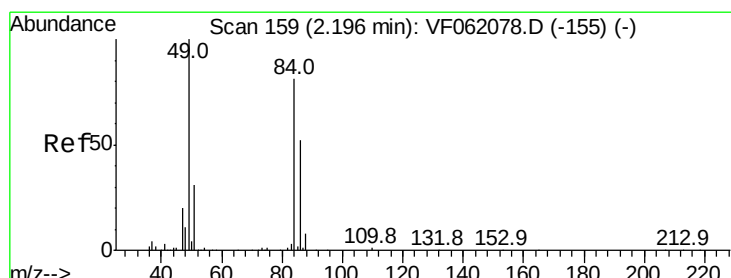
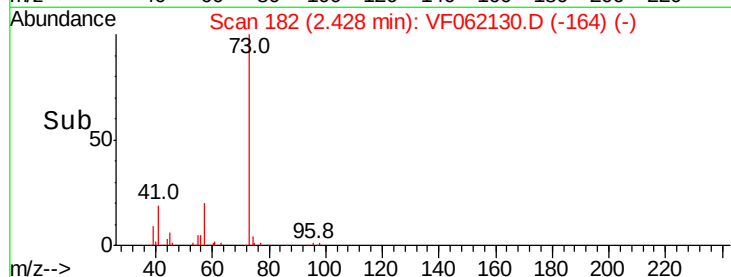
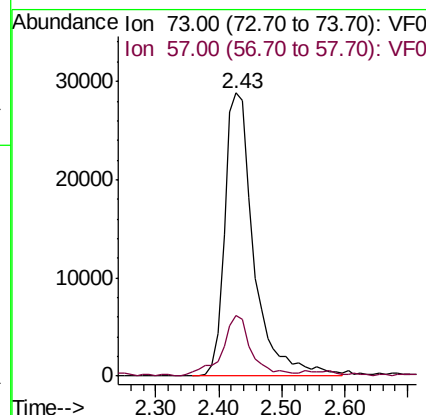
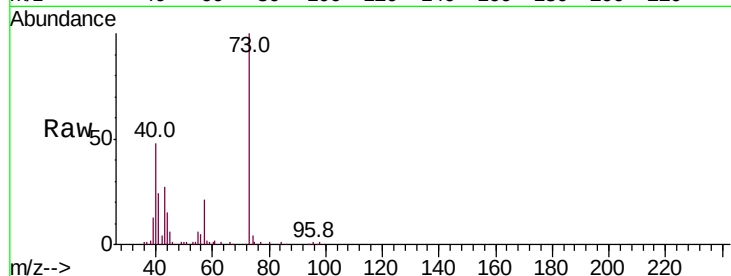
#19
Methyl tert-butyl Ether
Concen: 24.209 ug/l
RT: 2.43 min Scan# 182
Delta R.T. -0.02 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion: 73 Resp: 92734
Ion Ratio Lower Upper
73 100
57 21.3 15.1 22.7

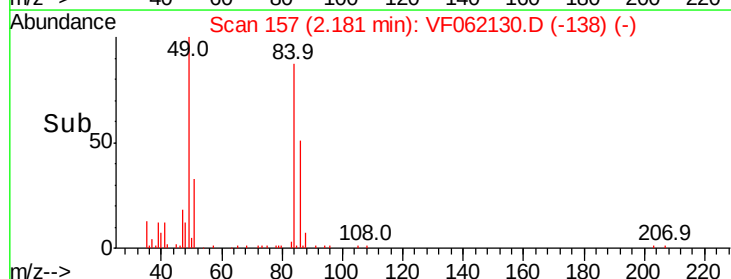
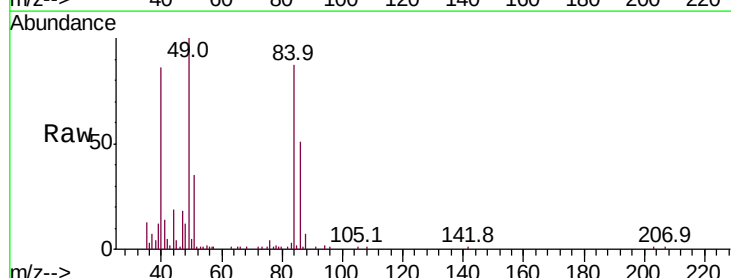
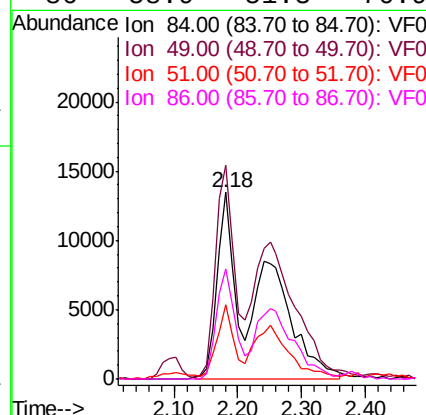
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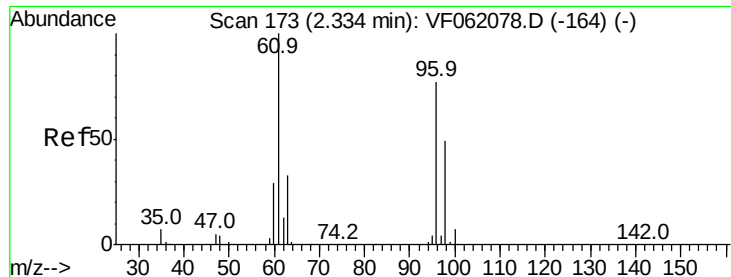
MMDadoda
3/26/2019 3:59:24 PM



#20
Methylene Chloride
Concen: 23.811 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion: 84 Resp: 60332
Ion Ratio Lower Upper
84 100
49 114.6 100.4 150.6
51 40.0 31.0 46.6
86 58.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 24.954 ug/l

RT: 2.31 min Scan# 170

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBS01

Tot Ion: 96 Resp: 58190

Ion Ratio Lower Upper

96 100

61 136.3 104.5 156.7

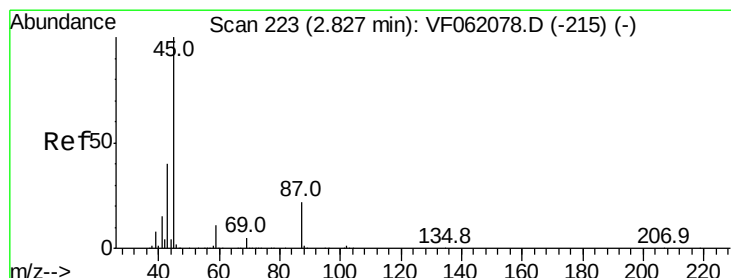
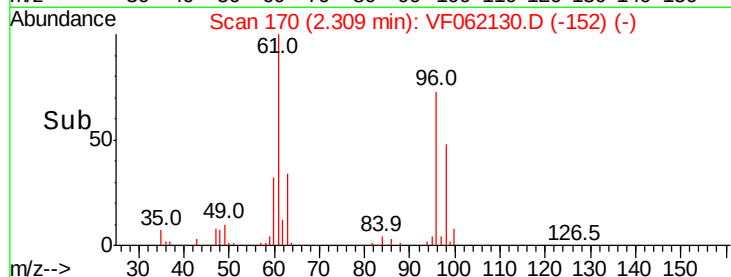
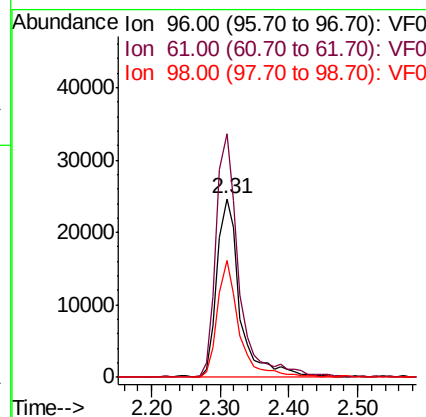
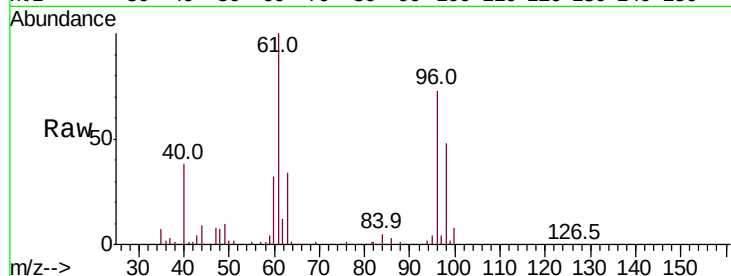
98 65.1 51.2 76.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 23.476 ug/l

RT: 2.80 min Scan# 220

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Tgt Ion: 45 Resp: 159264

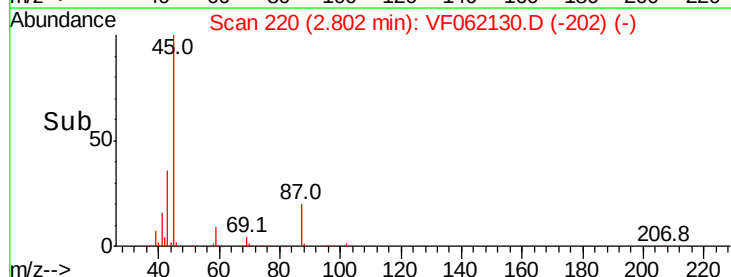
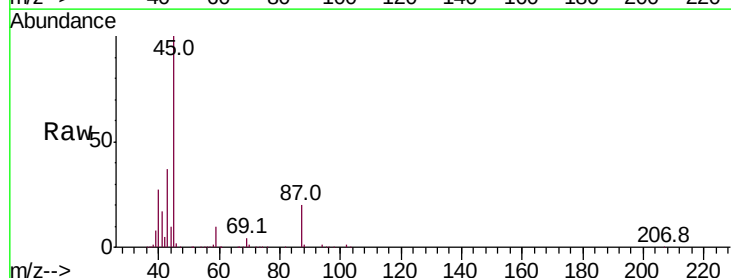
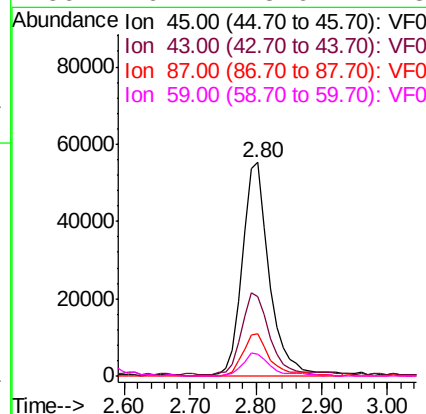
Ion Ratio Lower Upper

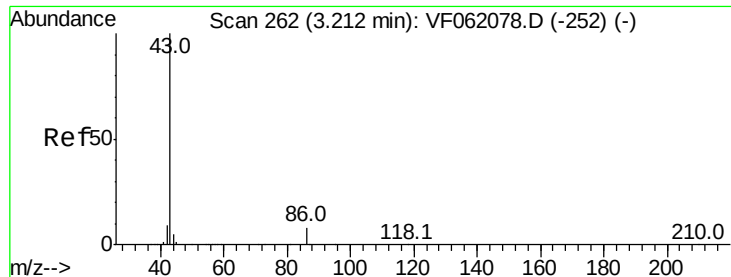
45 100

43 36.9 32.5 48.7

87 19.7 17.4 26.2

59 10.1 8.6 12.8





#23

Vinyl Acetate

Concen: 120.603 ug/l

RT: 3.19 min Scan# 259

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBS01

Tot Ion: 43 Resp: 334994

Ion Ratio Lower Upper

43 100

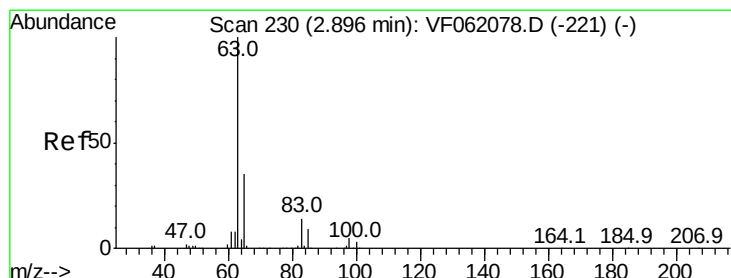
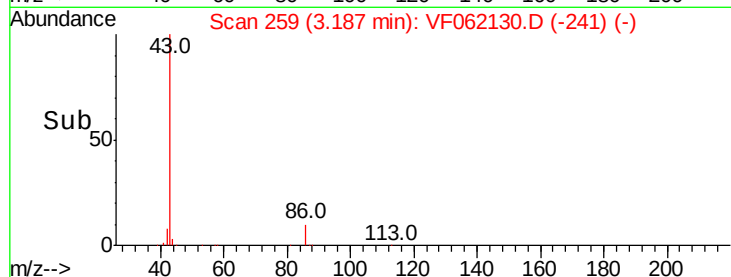
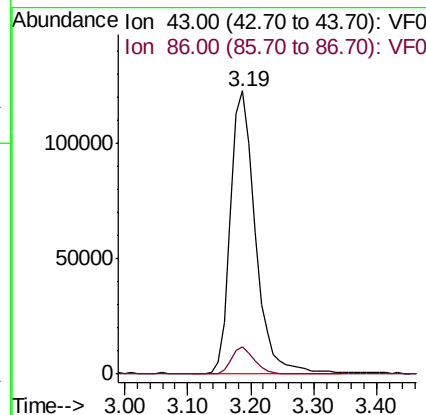
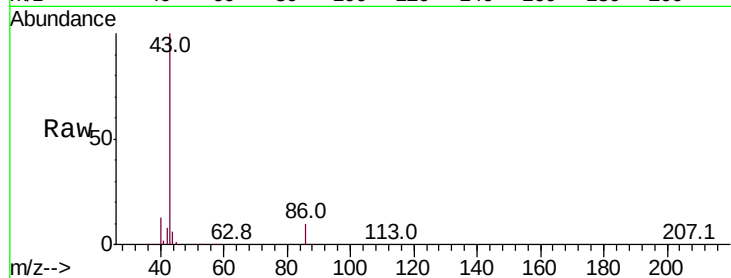
86 9.6 6.8 10.2

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 23.297 ug/l

RT: 2.87 min Scan# 227

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

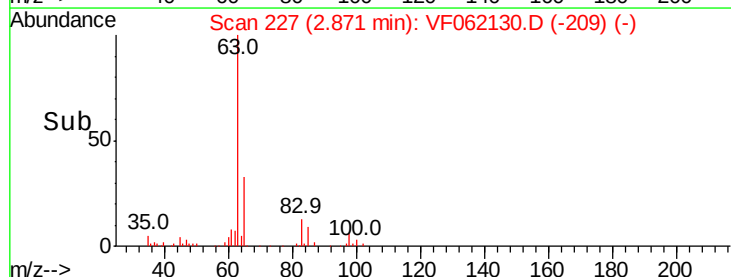
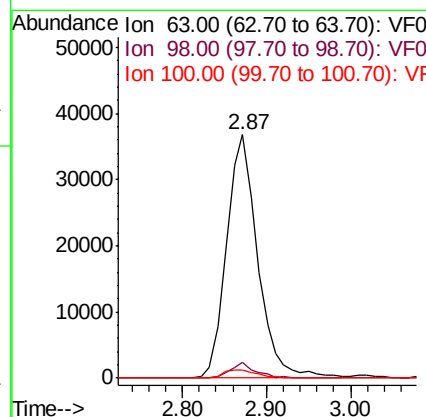
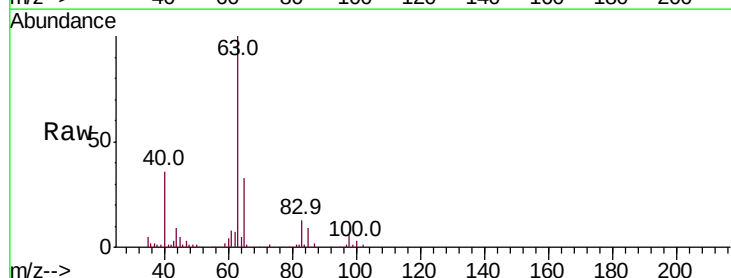
Tgt Ion: 63 Resp: 94780

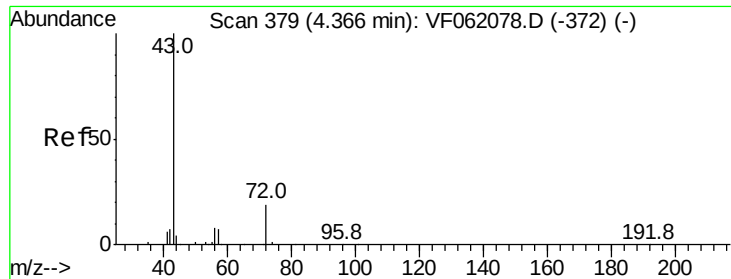
Ion Ratio Lower Upper

63 100

98 6.4 2.7 8.1

100 3.3 1.7 5.1





#25

2-Butanone

Concen: 114.134 ug/l

RT: 4.33 min Scan# 375

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBS01

Tot Ion: 43 Resp: 93785

Ion Ratio Lower Upper

43 100

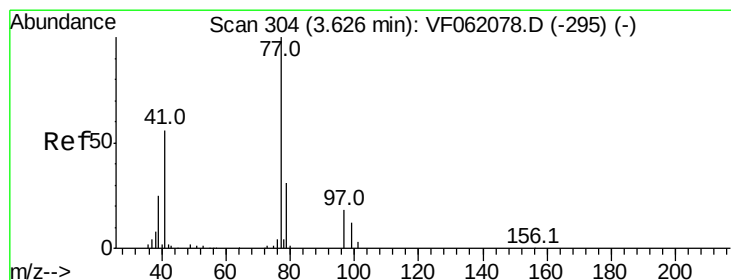
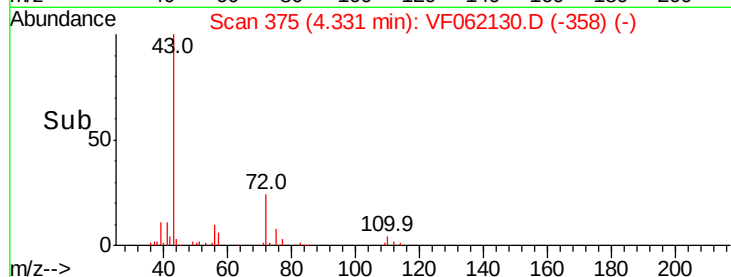
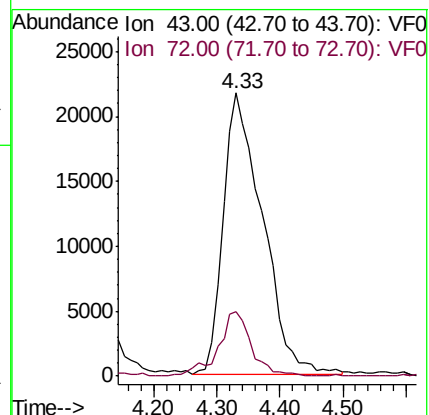
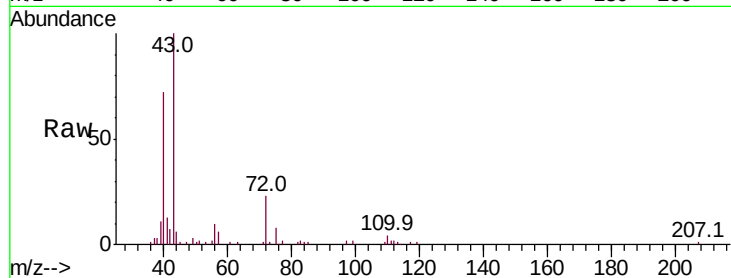
72 22.8 16.7 25.1

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 24.131 ug/l

RT: 3.60 min Scan# 301

Delta R.T. -0.02 min

Lab File: VF062130.D

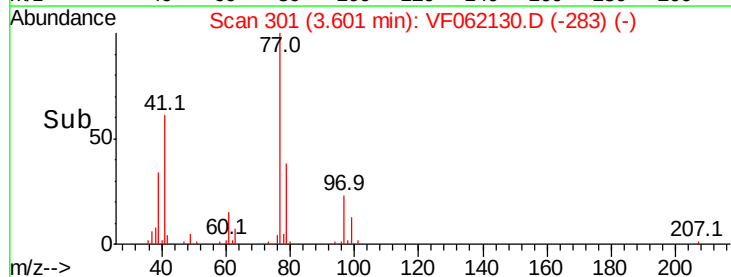
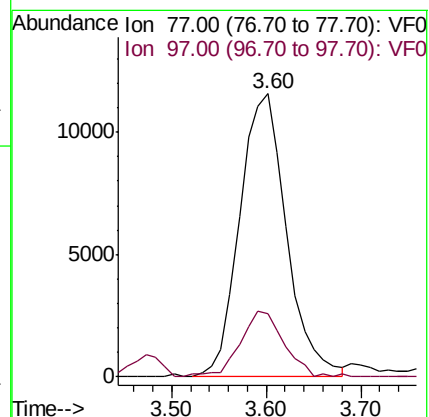
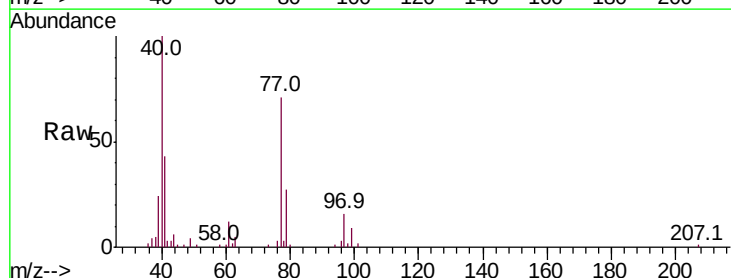
Acq: 25 Mar 2019 14:31

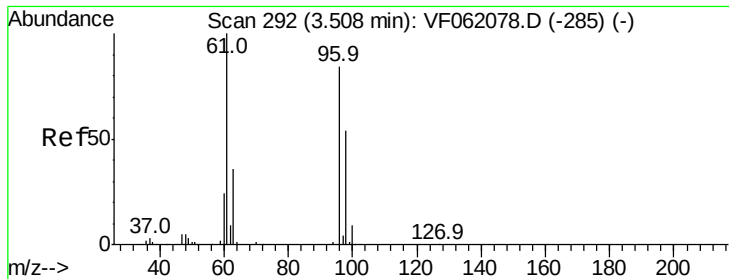
Tgt Ion: 77 Resp: 39805

Ion Ratio Lower Upper

77 100

97 22.2 10.3 30.9





#27

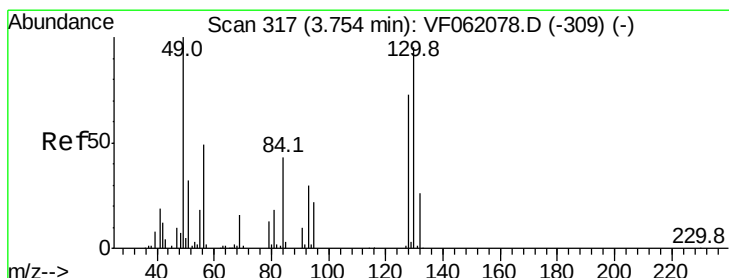
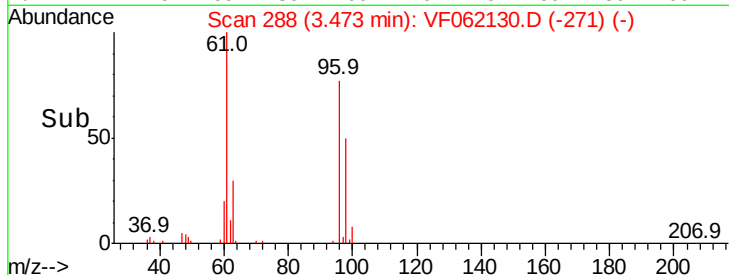
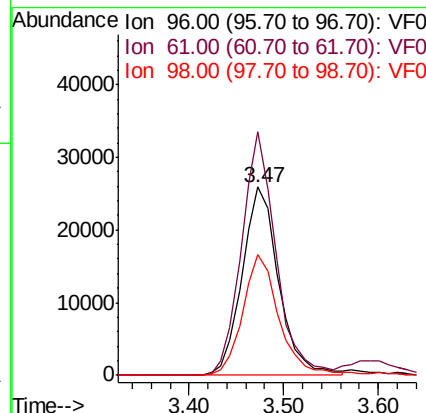
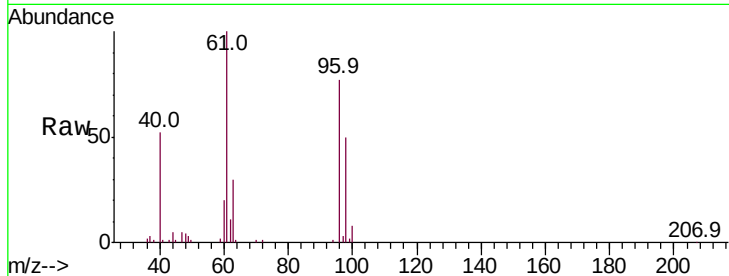
cis-1,2-Dichloroethene
 Concen: 22.501 ug/l
 RT: 3.47 min Scan# 288
 Delta R.T. -0.03 min
 Lab File: VF062130.D
 Acq: 25 Mar 2019 14:31

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0325SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	69529		
61	129.3	0.0	239.0	
98	64.4	0.0	128.2	

Manual Integrations
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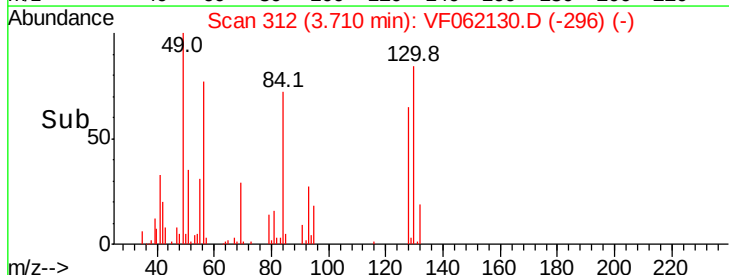
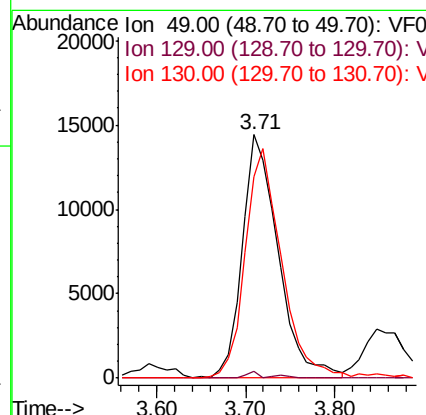
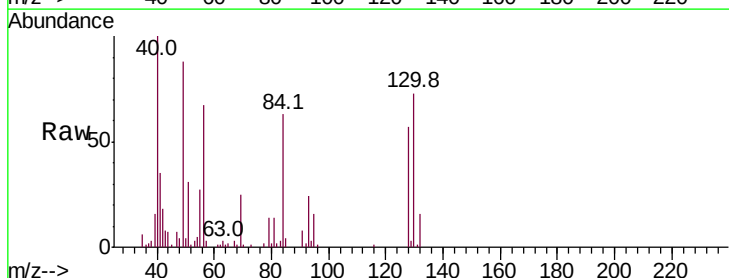
MMDadoda
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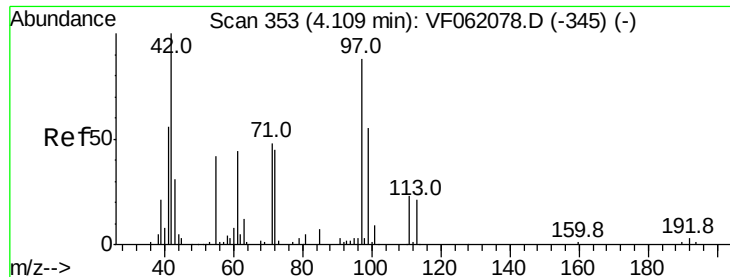


#28

Bromochloromethane
 Concen: 24.353 ug/l
 RT: 3.71 min Scan# 312
 Delta R.T. -0.04 min
 Lab File: VF062130.D
 Acq: 25 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	40480		
129	3.0	0.0	5.6	
130	82.5	75.5	113.3	





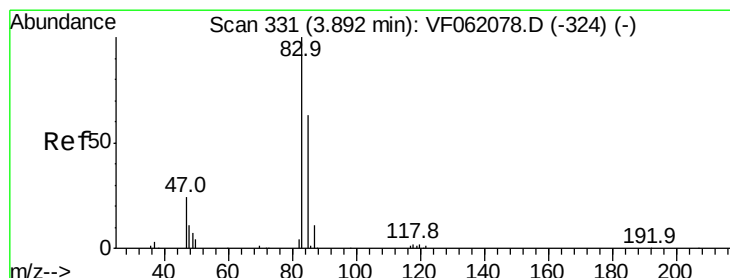
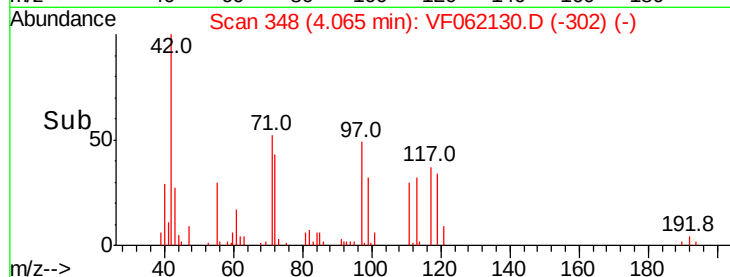
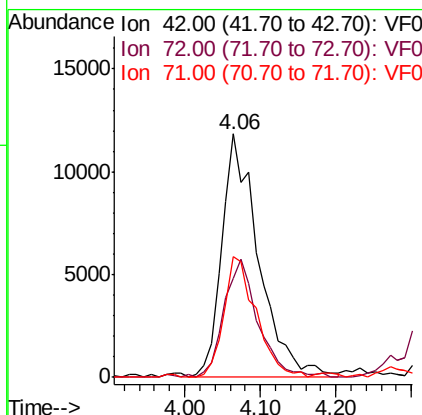
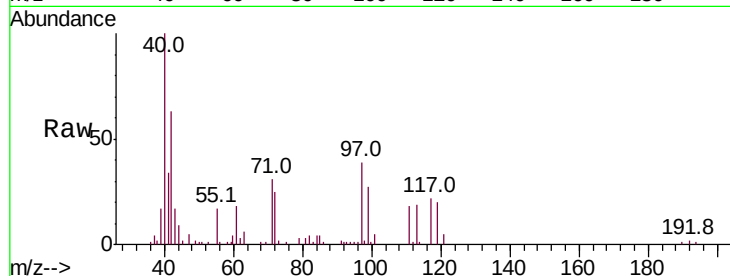
#29
Tetrahydrofuran
Concen: 112.193 ug/l
RT: 4.06 min Scan# 348
Delta R.T. -0.04 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	33.3	49.9
71	43.4	35.0	52.4

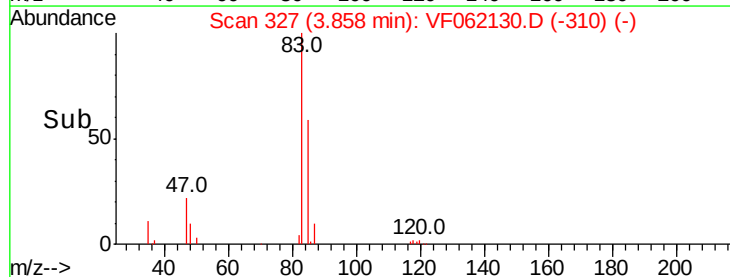
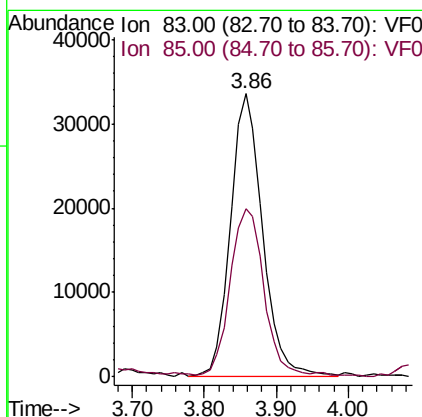
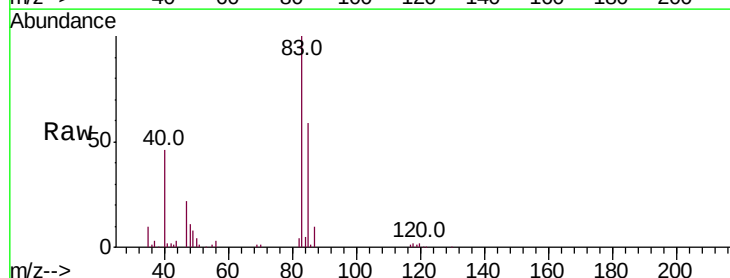
Manual Integrations
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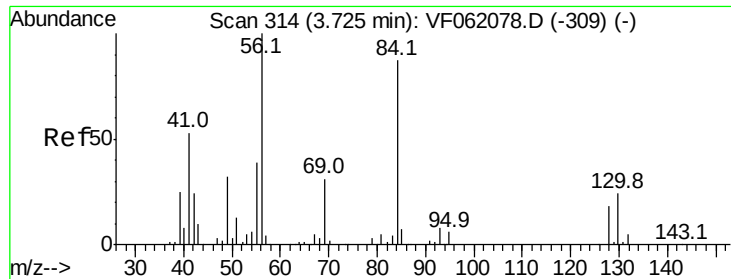
MMDadoda
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#30
Chloroform
Concen: 24.356 ug/l
RT: 3.86 min Scan# 327
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.5	51.5	77.3





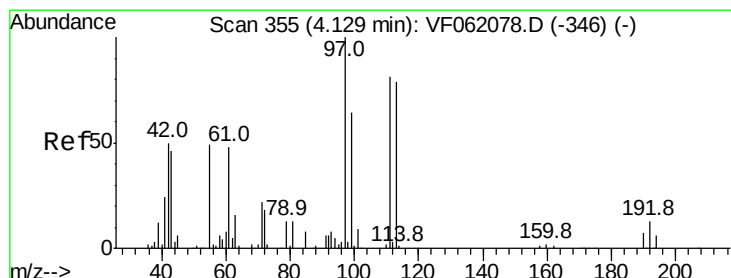
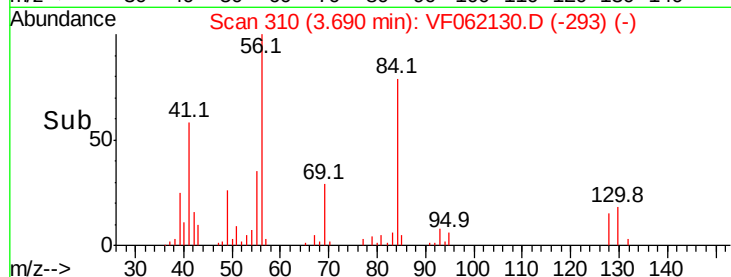
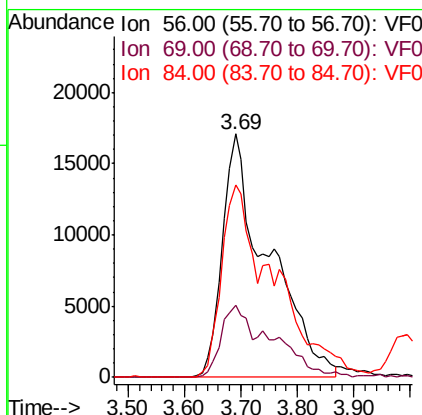
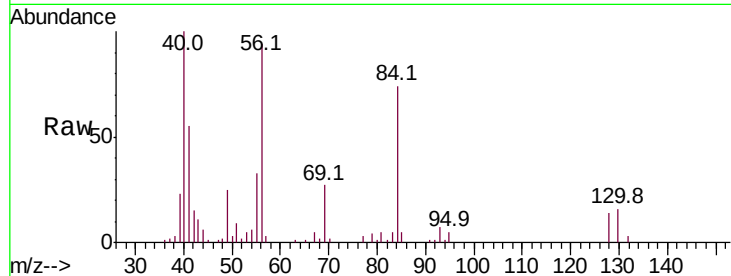
#31
Cyclohexane
Concen: 22.728 ug/l m
RT: 3.69 min Scan# 310
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	25.9	38.9
84	78.8	71.1	106.7

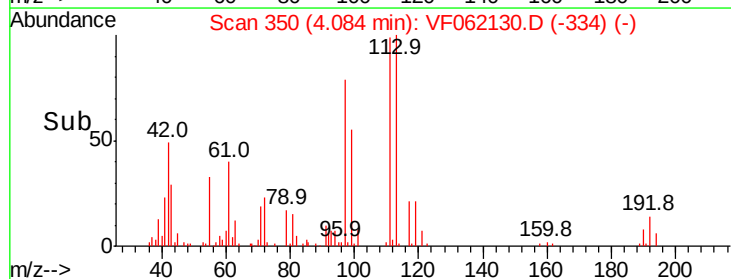
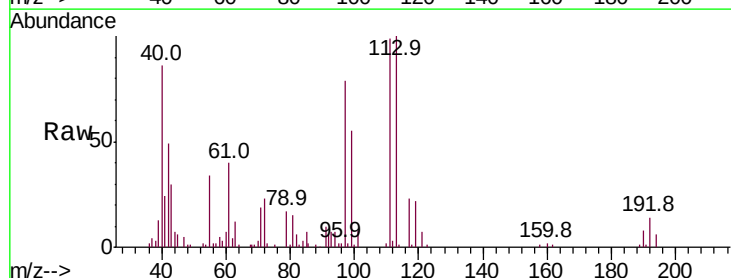
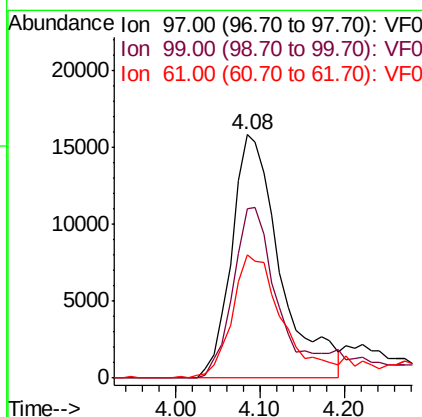
Manual Integrations
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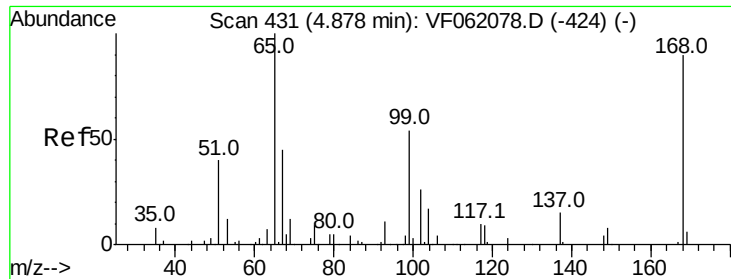
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 24.436 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.04 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	69.4	51.3	76.9
61	50.5	39.0	58.6





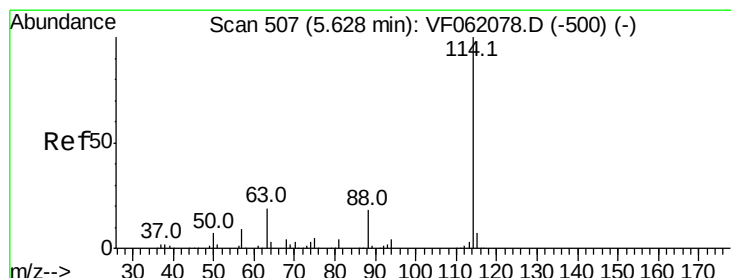
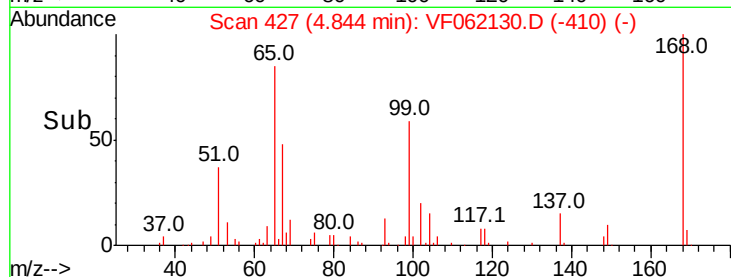
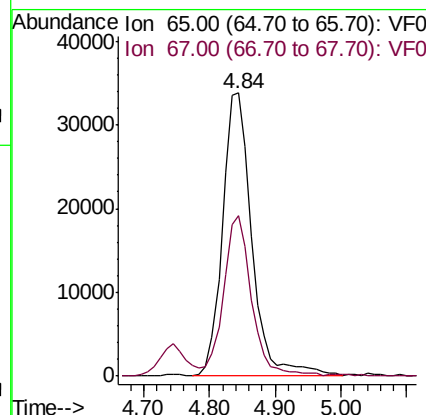
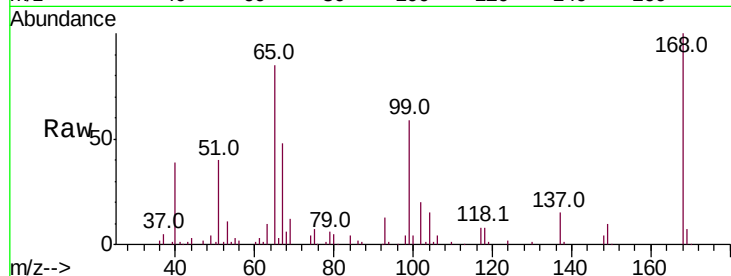
#33
 1,2-Dichloroethane-d4
 Concen: 56.301 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.03 min
 Lab File: VF062130.D
 Acq: 25 Mar 2019 14:31

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0325SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	105293		
67	56.7	0.0	106.2	

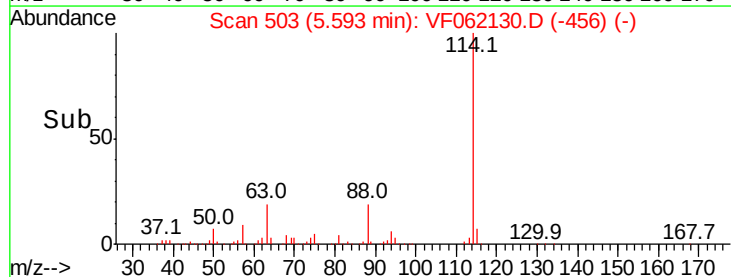
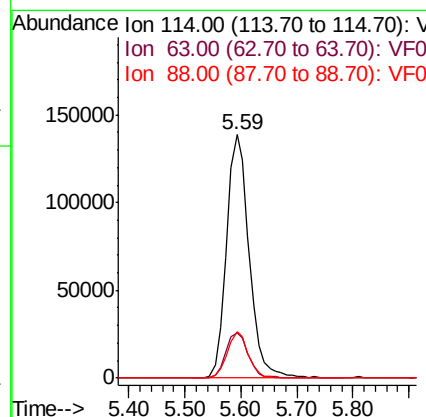
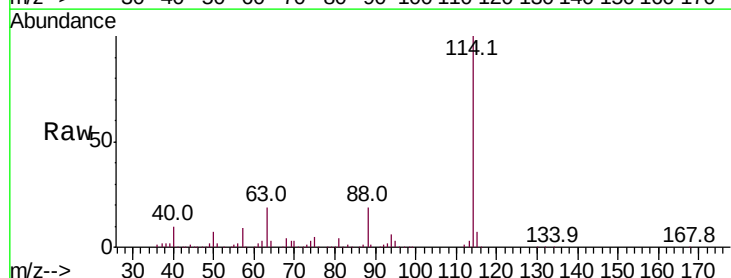
Manual Integrations
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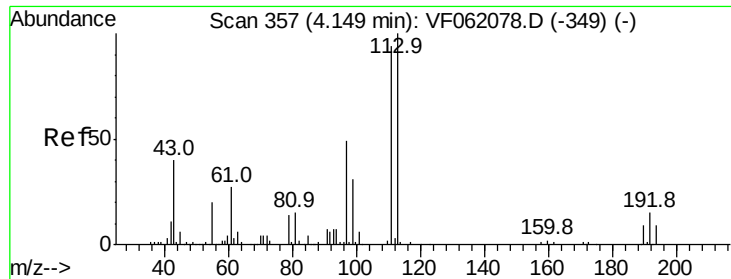
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 3/26/2019 3:59:24 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.03 min
 Lab File: VF062130.D
 Acq: 25 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	389256		
63	18.7	0.0	37.8	
88	19.0	0.0	36.4	





#35

Dibromofluoromethane

Concen: 55.297 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

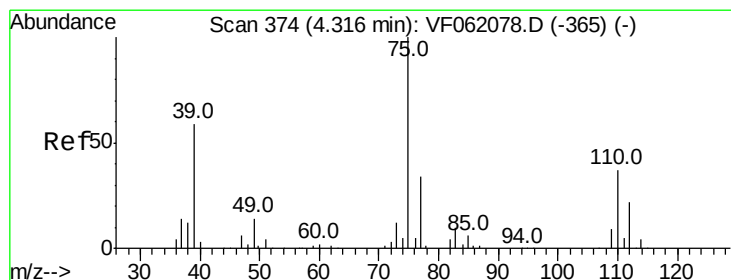
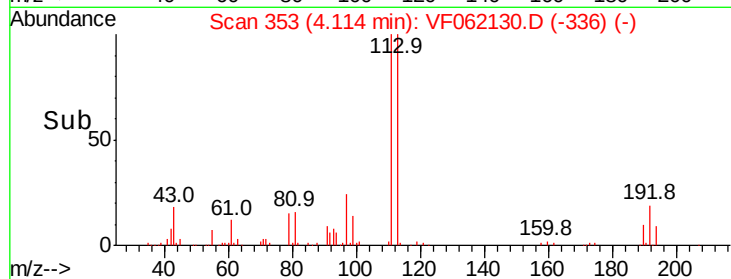
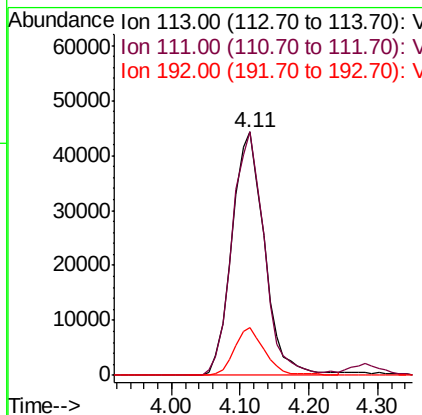
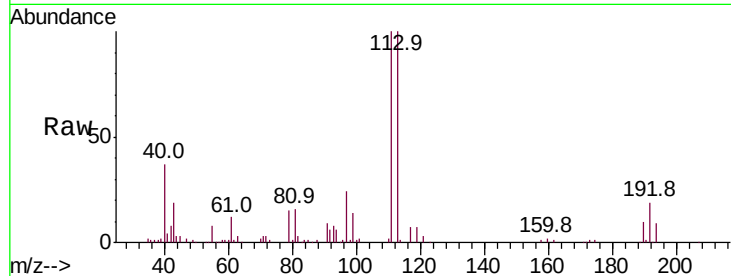
ClientSampleId :

VF0325SBS01

Tot Ion:	113	Resp:	145605
Ion Ratio	Lower	Upper	
113	100		
111	99.9	75.4	113.0
192	19.6	12.3	18.5#

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.750 ug/l

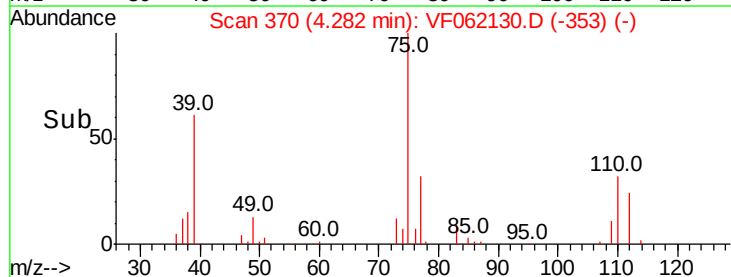
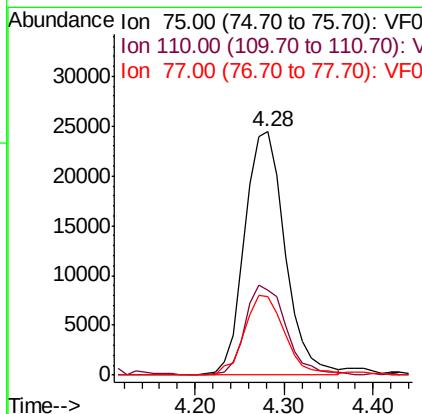
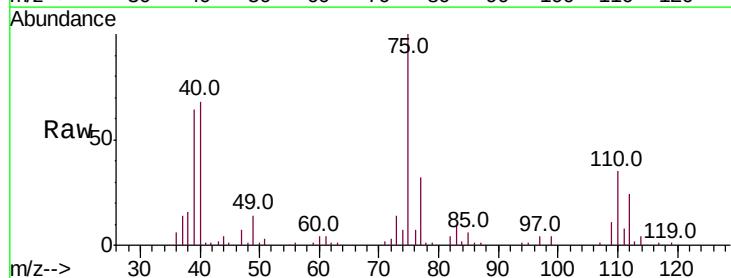
RT: 4.28 min Scan# 370

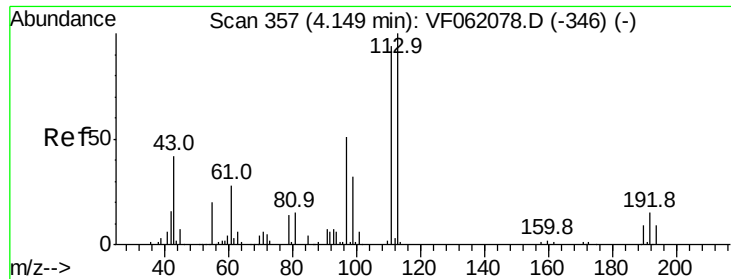
Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Tgt Ion:	75	Resp:	76935
Ion Ratio	Lower	Upper	
75	100		
110	34.6	18.5	55.5
77	32.0	27.4	41.0





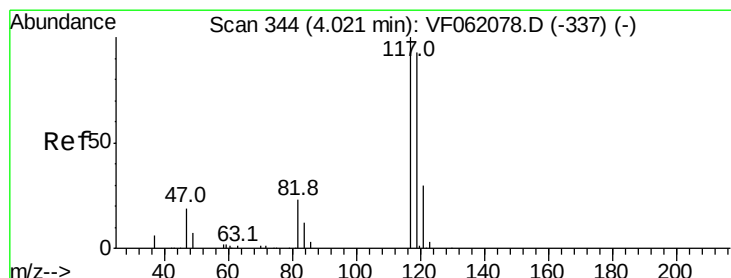
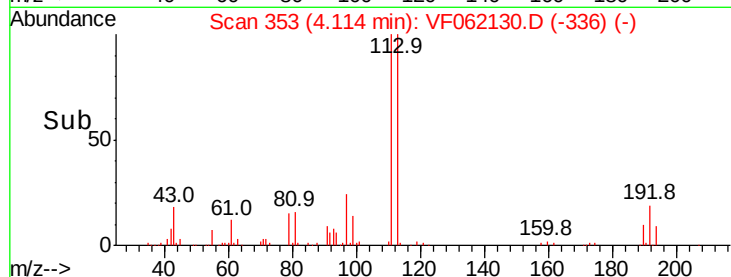
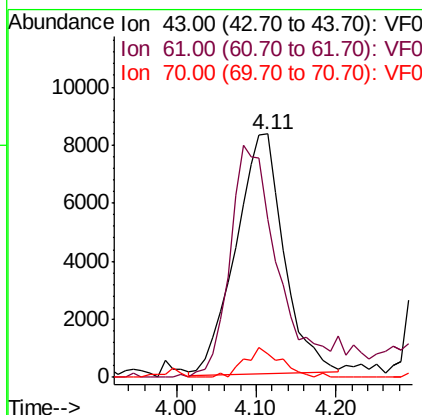
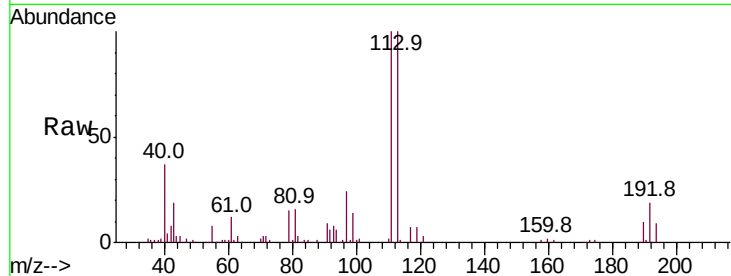
#37
Ethyl Acetate
Concen: 21.479 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion	43	Ratio	100	Resp	34803
Ion	43	100		Lower	Upper
	61	64.6		53.6	80.4
	70	9.8		9.0	13.6

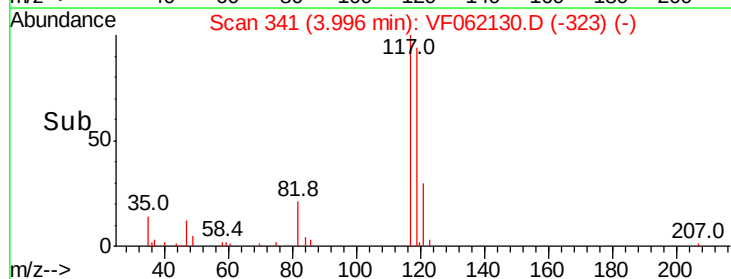
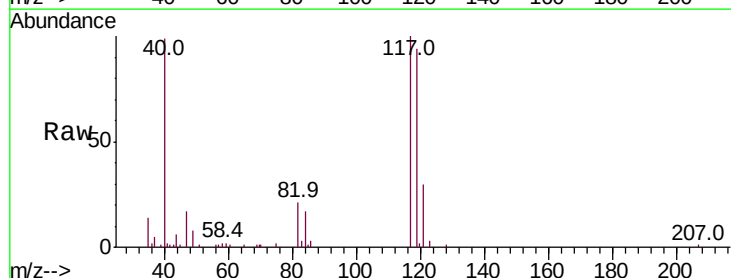
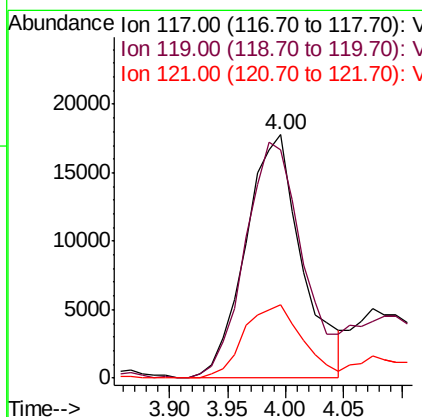
Manual Integrations
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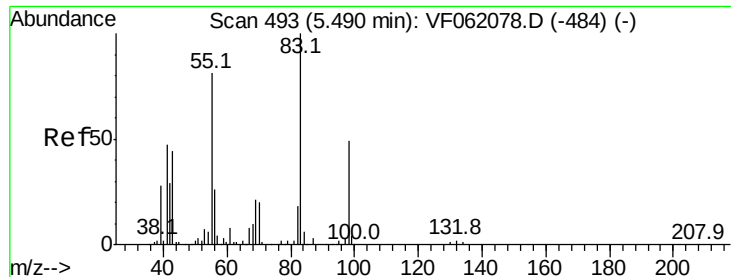
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#38
Carbon Tetrachloride
Concen: 23.688 ug/l
RT: 4.00 min Scan# 341
Delta R.T. -0.02 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion	117	Ratio	100	Resp	59861
Ion	117	100		Lower	Upper
	119	93.8		74.7	112.1
	121	30.0		23.6	35.4





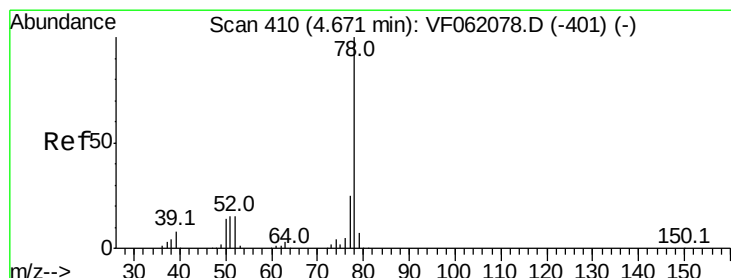
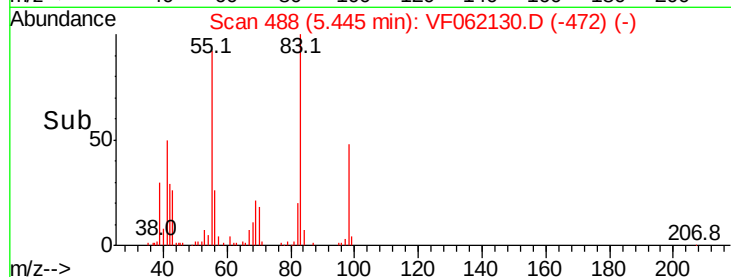
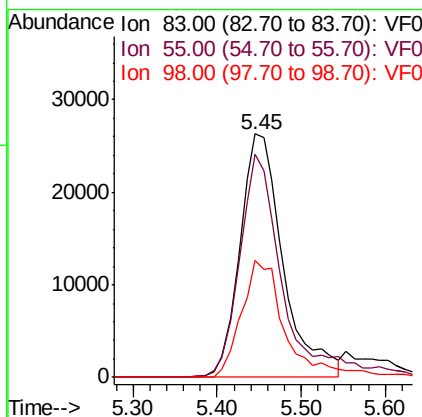
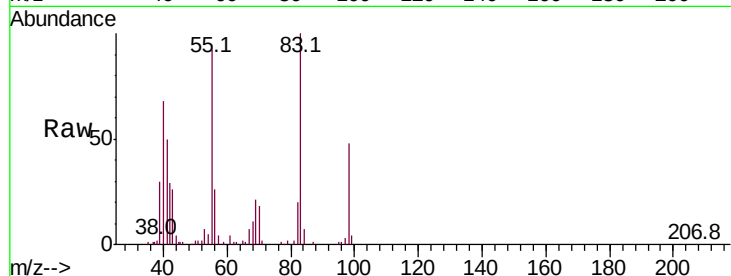
#39
Methylvlcyclohexane
Concen: 21.911 ug/l
RT: 5.45 min Scan# 488
Delta R.T. -0.04 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	91.6	64.5	96.7
98	47.8	39.1	58.7

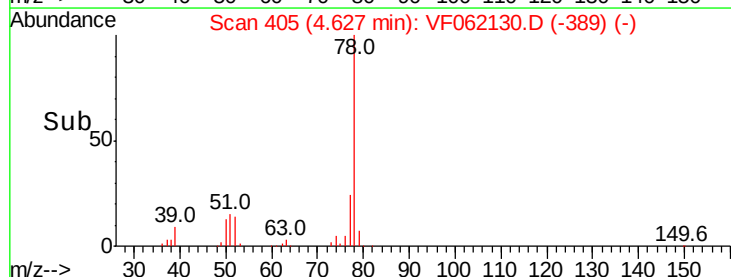
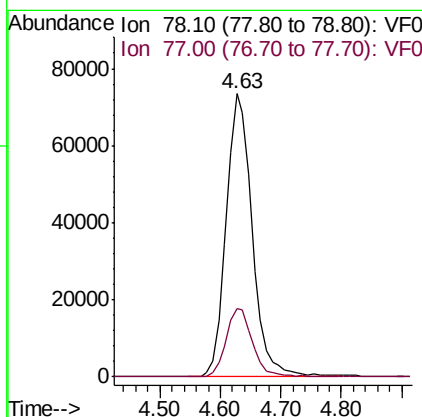
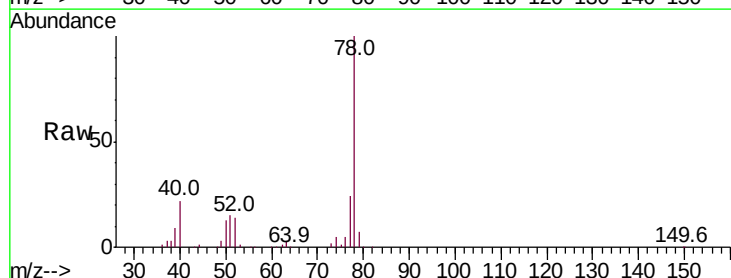
Manual Integrations
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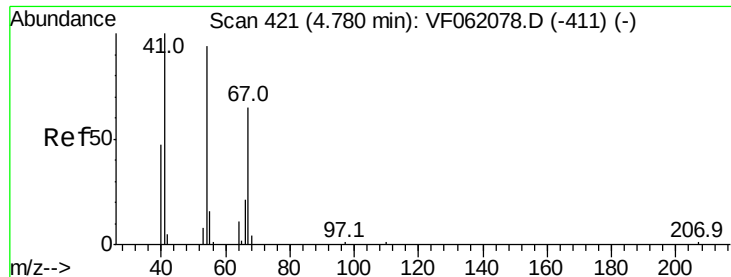
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#40
Benzene
Concen: 22.094 ug/l
RT: 4.63 min Scan# 405
Delta R.T. -0.04 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.8	29.6





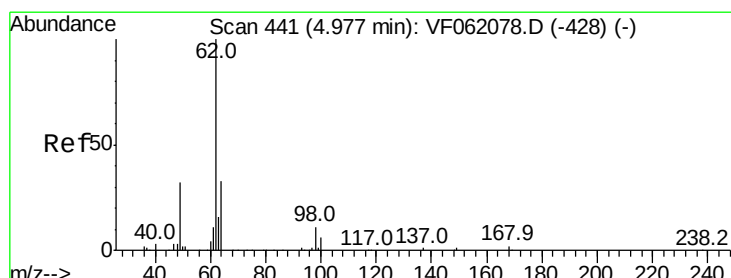
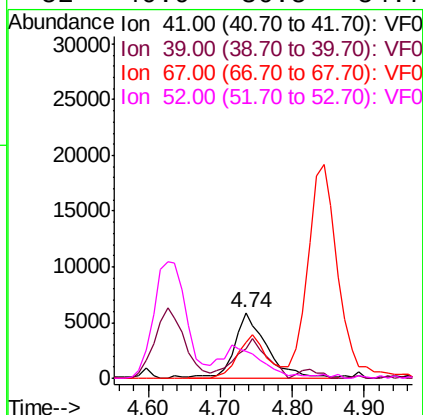
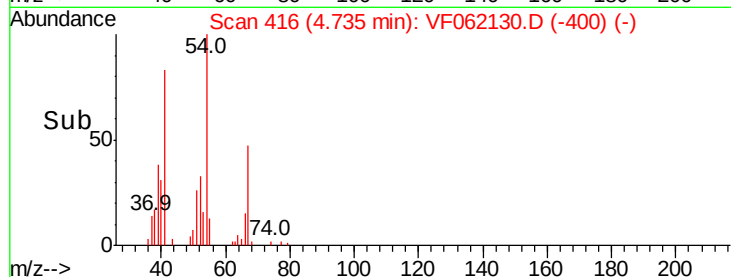
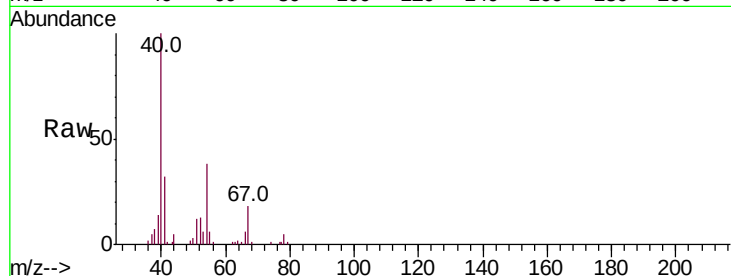
#41
Methacrylonitrile
Concen: 21.434 ug/l
RT: 4.74 min Scan# 416
Delta R.T. -0.04 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	44.8	43.5	65.3
67	55.1	51.6	77.4
52	40.9	36.5	54.7

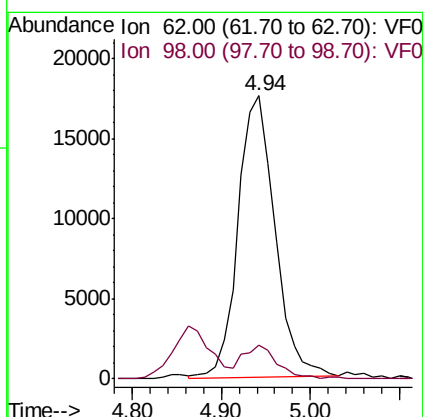
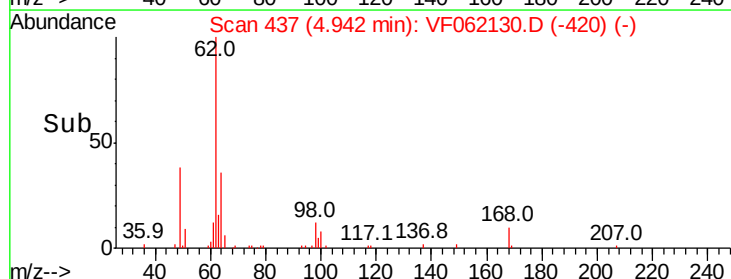
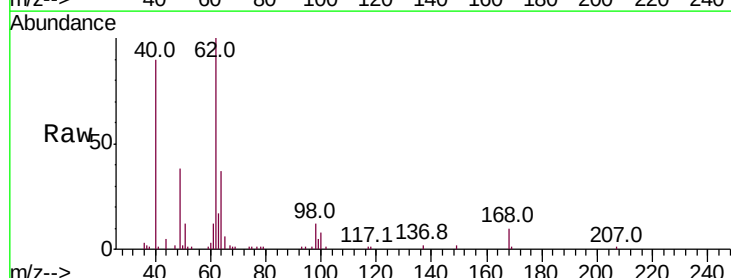
Manual Integrations
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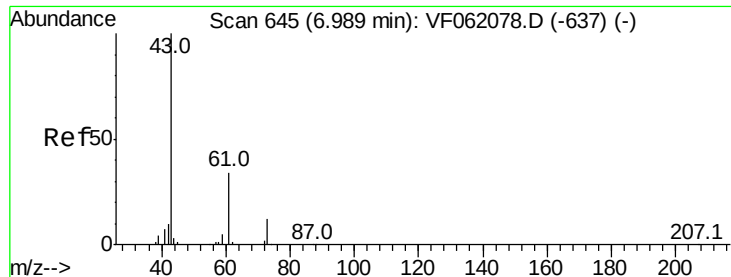
MMDadoda
3/26/2019 3:59:24 PM



#42
1,2-Dichloroethane
Concen: 21.552 ug/l
RT: 4.94 min Scan# 437
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	23.2





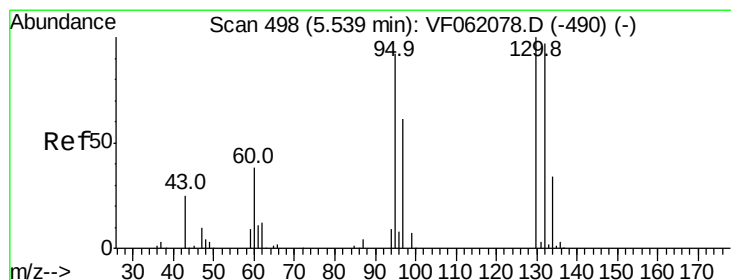
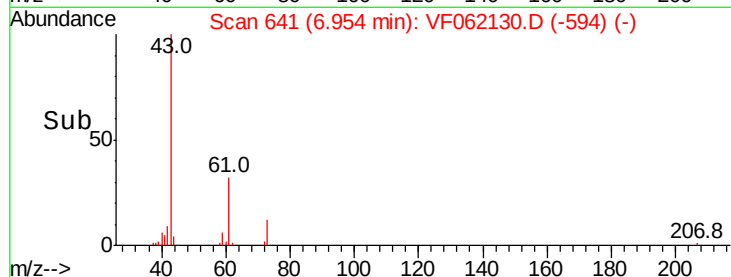
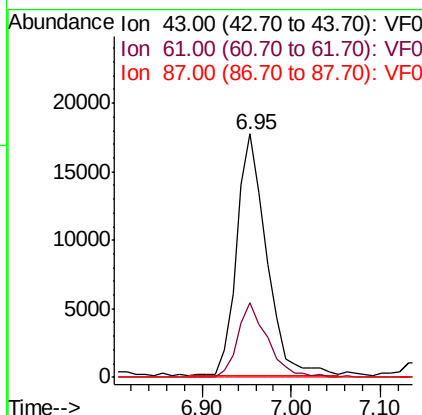
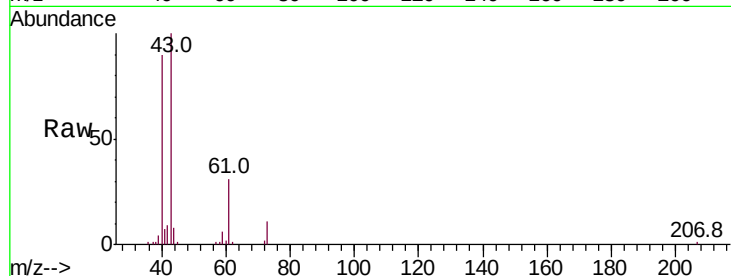
#43
Isopropyl Acetate
Concen: 21.069 ug/l
RT: 6.95 min Scan# 641
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.8	27.0	40.4
87	0.0	0.4	0.6

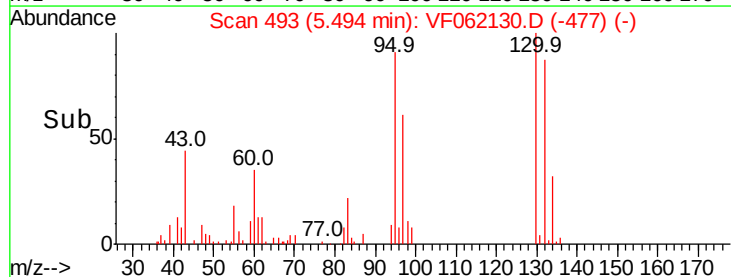
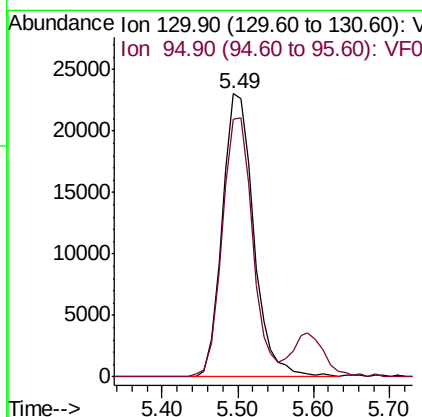
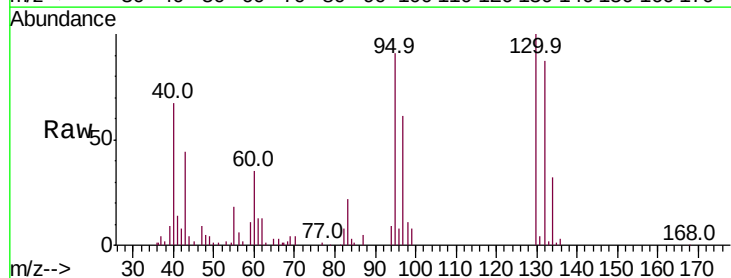
Manual Integrations
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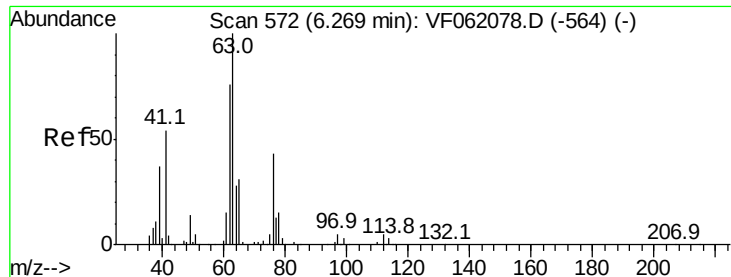
MMDadoda
3/26/2019 3:59:24 PM



#44
Trichloroethene
Concen: 21.834 ug/l
RT: 5.49 min Scan# 493
Delta R.T. -0.04 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	183.4





#45

1,2-Dichloropropane

Concen: 22.075 ug/l

RT: 6.23 min Scan# 568

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBS01

Tot Ion: 63 Resp: 52333

Ion Ratio Lower Upper

63 100

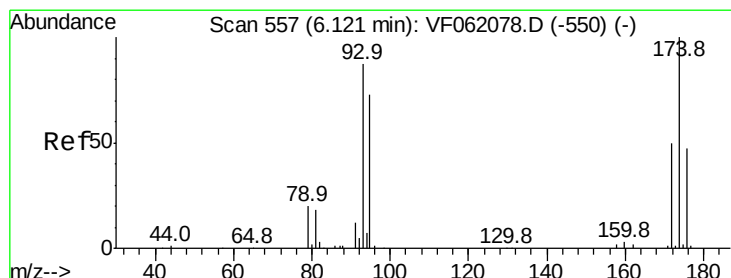
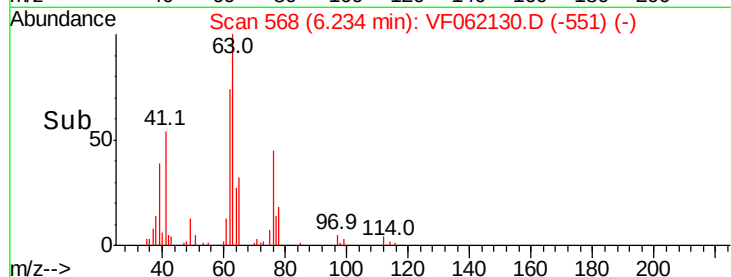
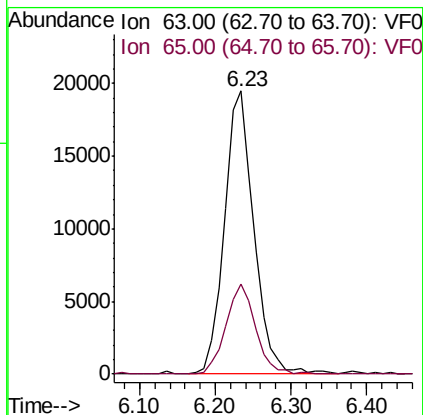
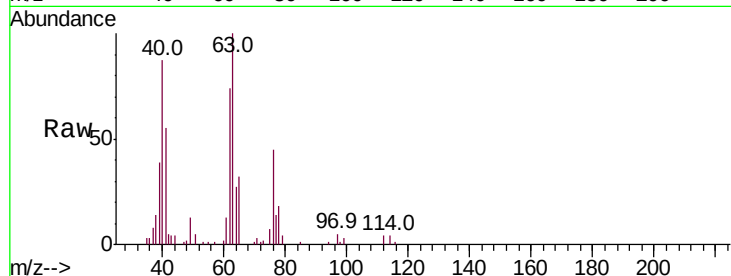
65 31.6 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 21.874 ug/l

RT: 6.09 min Scan# 553

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

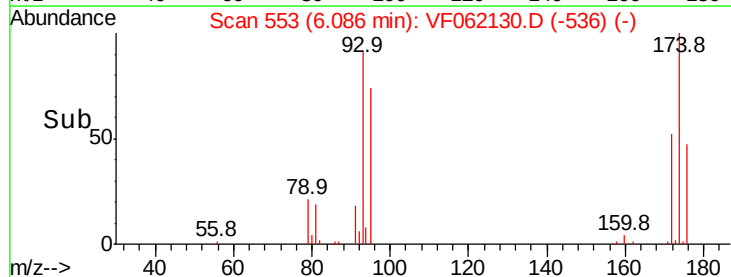
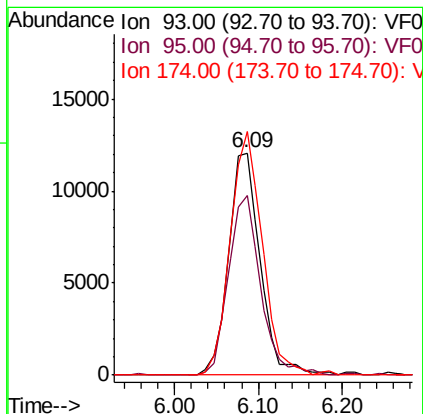
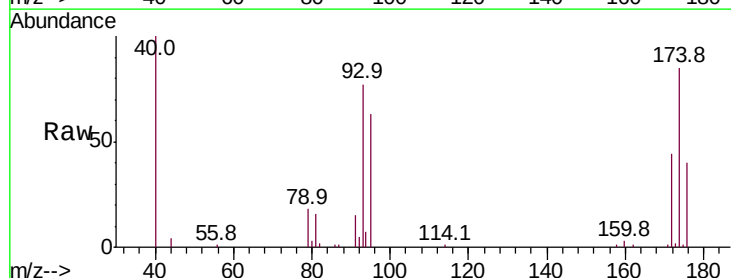
Tgt Ion: 93 Resp: 31707

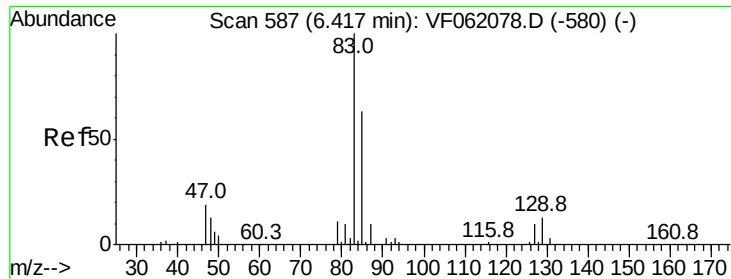
Ion Ratio Lower Upper

93 100

95 81.0 67.4 101.2

174 109.6 92.0 138.0





#47

Bromodichloromethane

Concen: 22.018 ug/l

RT: 6.38 min Scan# 583

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

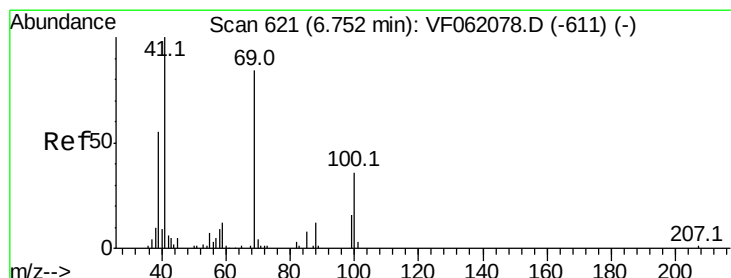
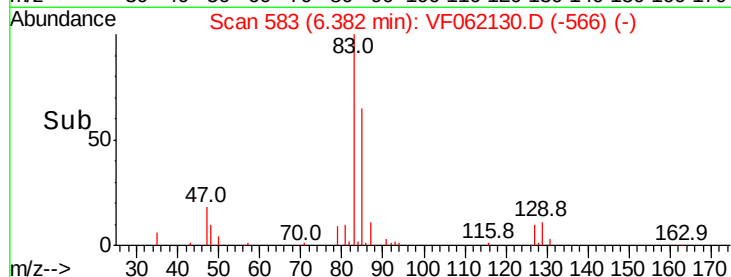
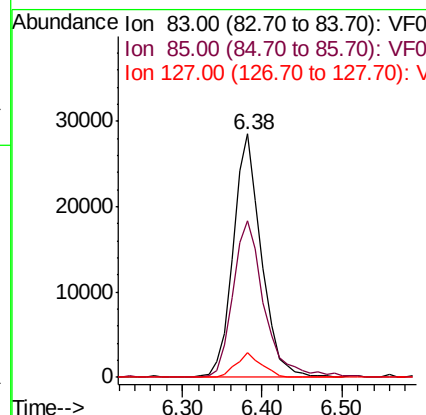
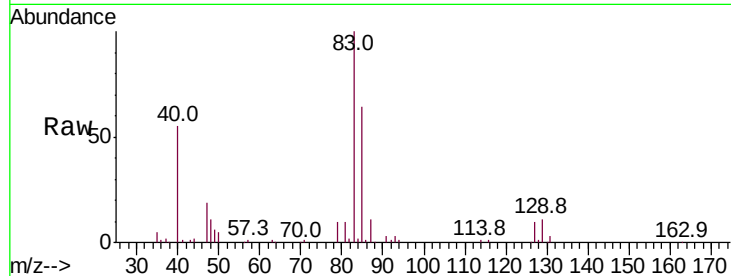
ClientSampleId :

VF0325SBS01

Tot Ion:	83	Resp:	70691
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.7	76.1
127	10.3	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.620 ug/l

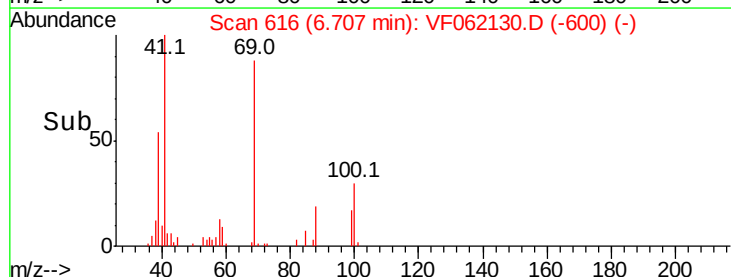
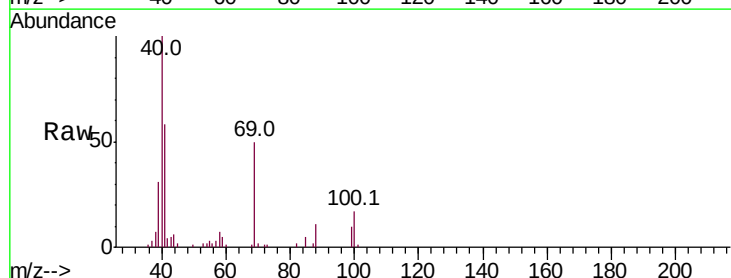
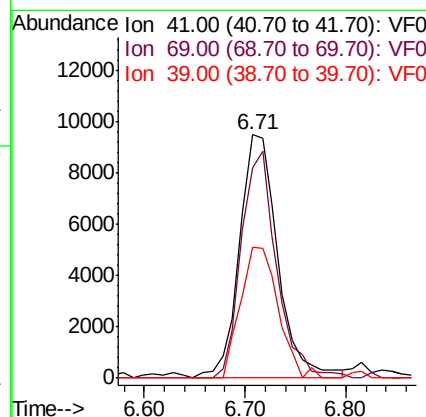
RT: 6.71 min Scan# 616

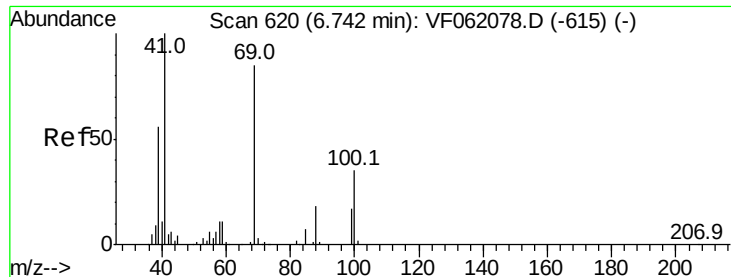
Delta R.T. -0.04 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Tgt Ion:	41	Resp:	25273
Ion Ratio	Lower	Upper	
41	100		
69	86.5	66.6	100.0
39	53.7	43.6	65.4





#49

1,4-Dioxane

Concen: 504.289 ug/l

RT: 6.71 min Scan# 616

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

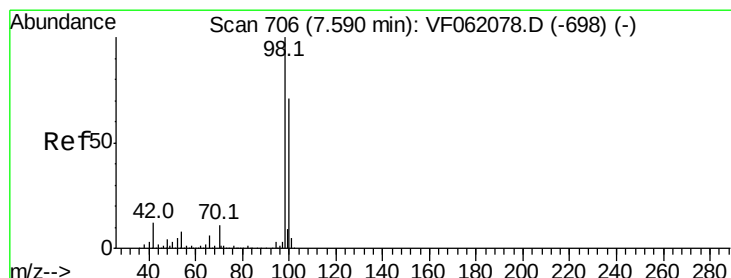
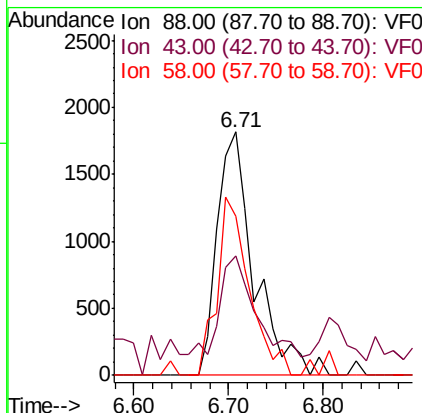
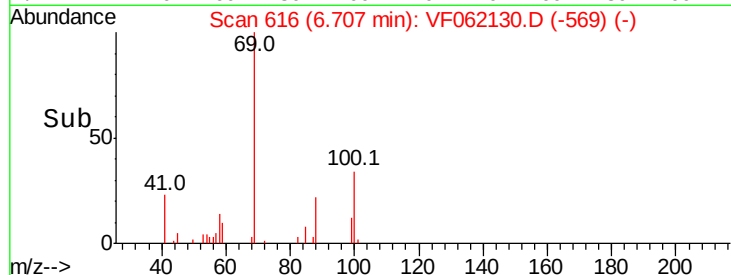
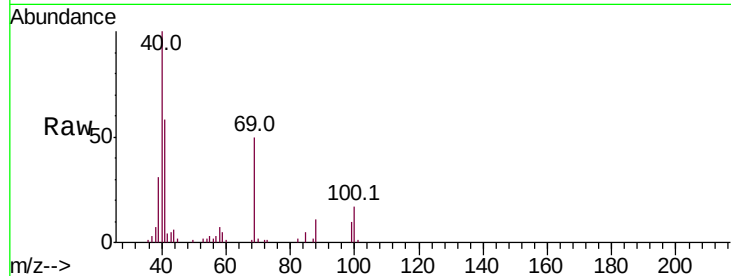
ClientSampleId :

VF0325SBS01

Tot Ion:	88	Resp:	4944
Ion	Ratio	Lower	Upper
88	100		
43	49.1	35.0	52.4
58	65.4	49.9	74.9

Manual Integrations
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#50

Toluene-d8

Concen: 52.690 ug/l

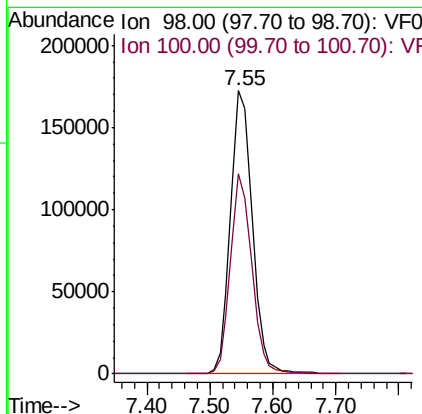
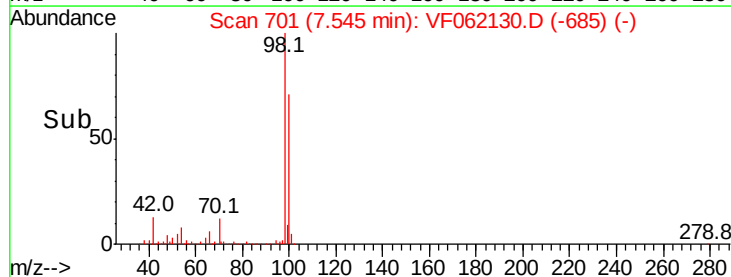
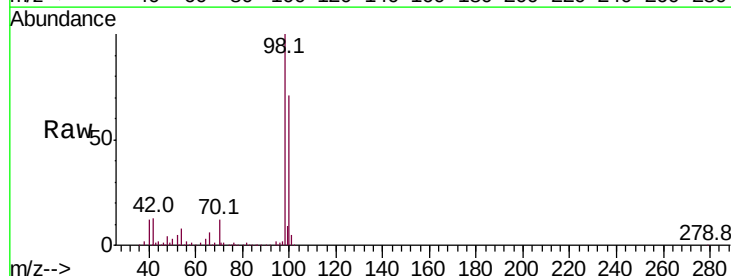
RT: 7.55 min Scan# 701

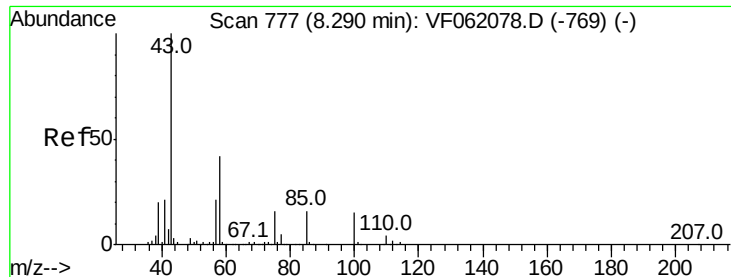
Delta R.T. -0.04 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Tgt Ion:	98	Resp:	414143
Ion	Ratio	Lower	Upper
98	100		
100	70.6	57.0	85.6





#51

4-Methyl-2-Pentanone

Concen: 120.265 ug/l

RT: 8.26 min Scan# 773

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBS01

Tot Ion: 43 Resp: 157958

Ion Ratio Lower Upper

43 100

58 41.9

33.8

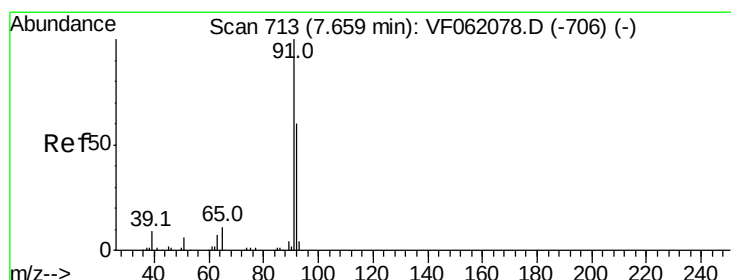
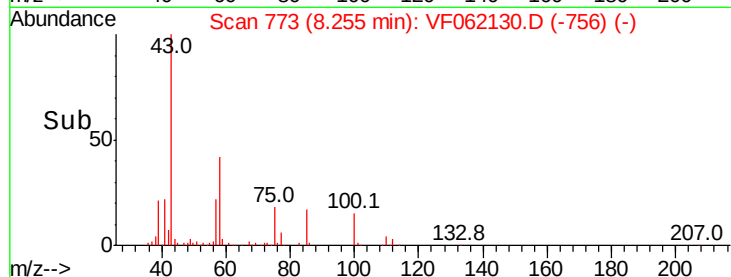
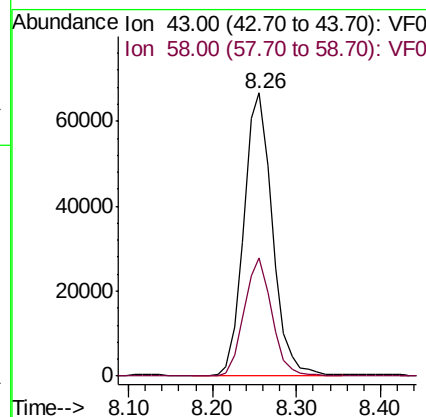
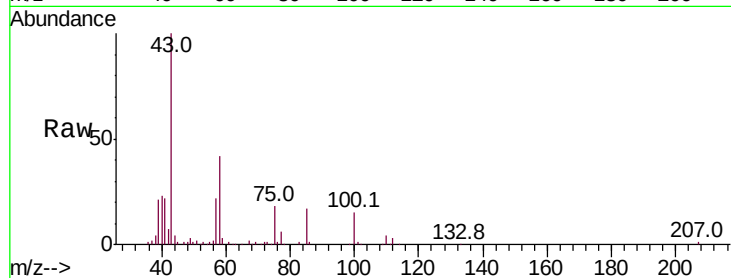
50.8

Manual Integrations

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#52

Toluene

Concen: 21.955 ug/l

RT: 7.62 min Scan# 709

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Tgt Ion: 92 Resp: 126393

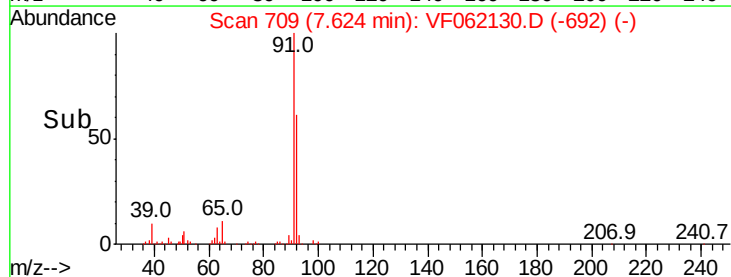
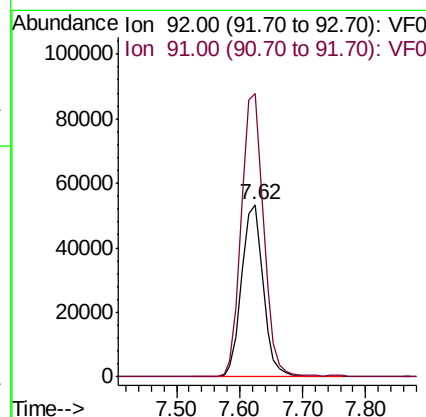
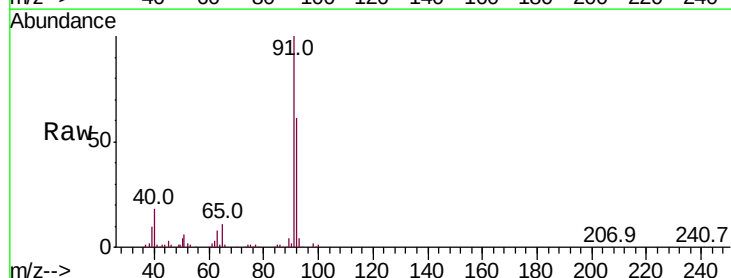
Ion Ratio Lower Upper

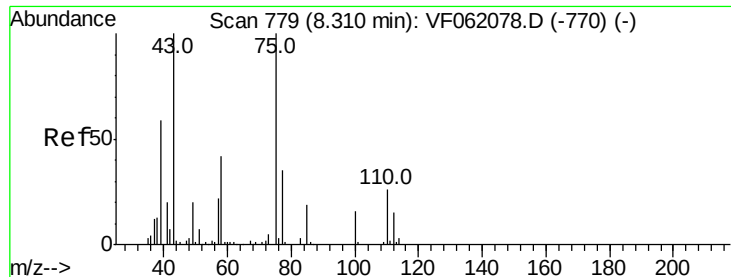
92 100

91 164.4

134.1

201.1





#53

t-1,3-Dichloropropene

Concen: 23.757 ug/l

RT: 8.28 min Scan# 775

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBSD01

Tot Ion: 75 Resp: 59877

Ion Ratio Lower Upper

75 100

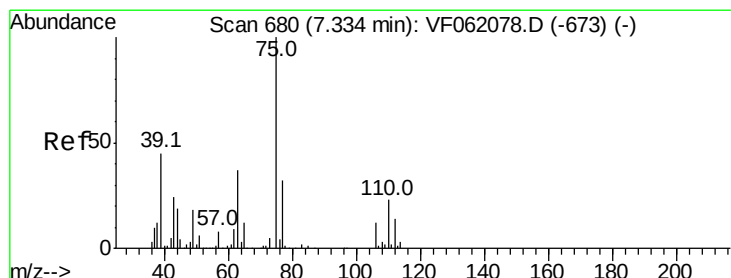
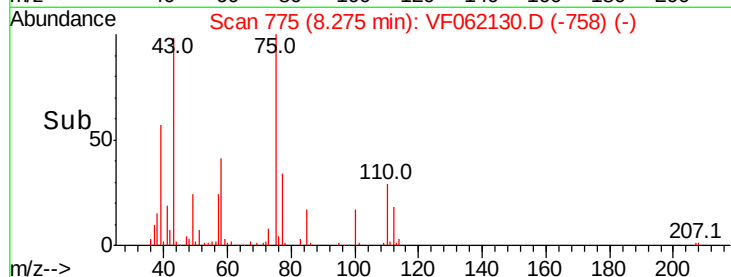
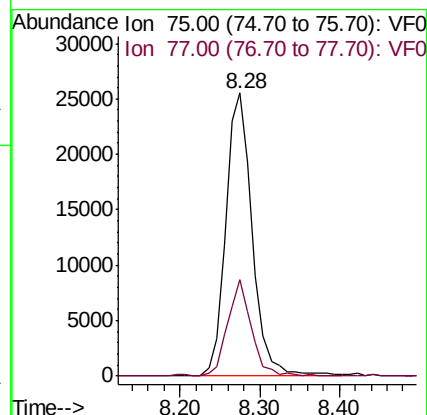
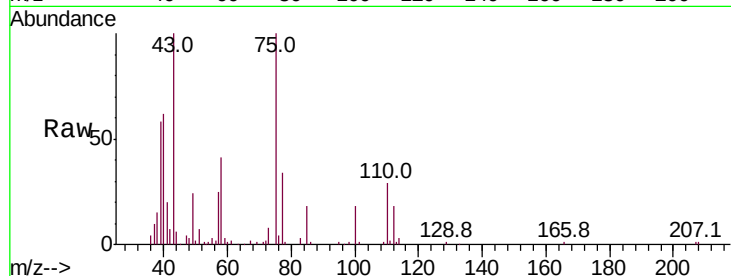
77 34.0 28.0 42.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.773 ug/l

RT: 7.30 min Scan# 676

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

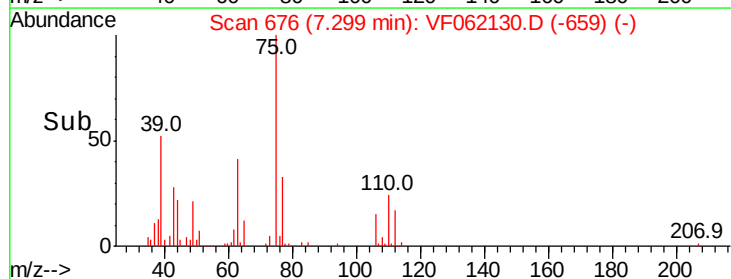
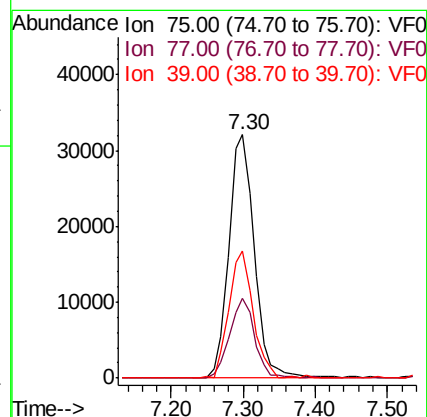
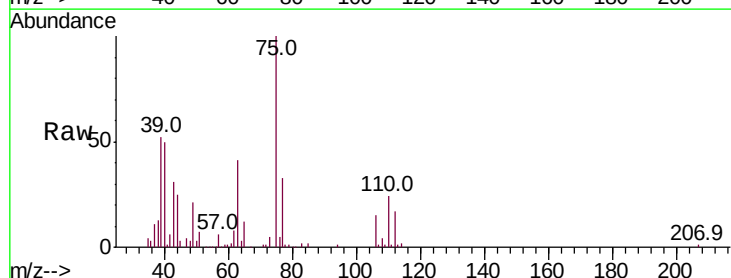
Tgt Ion: 75 Resp: 78521

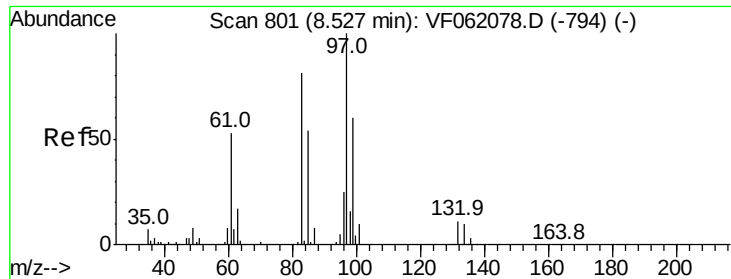
Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.6

39 52.3 35.9 53.9





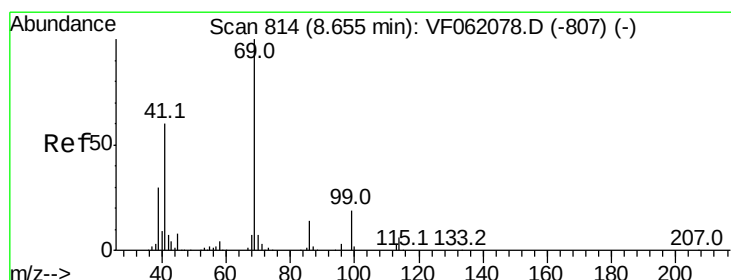
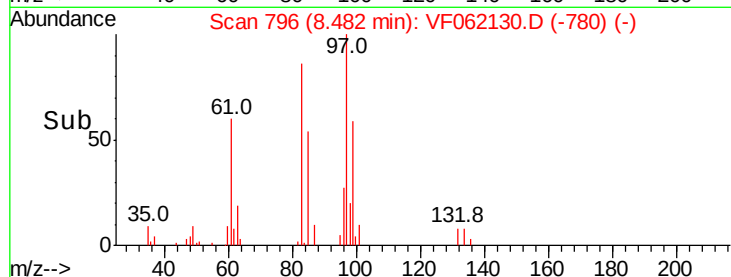
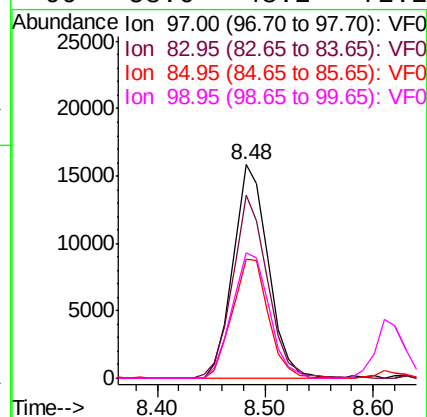
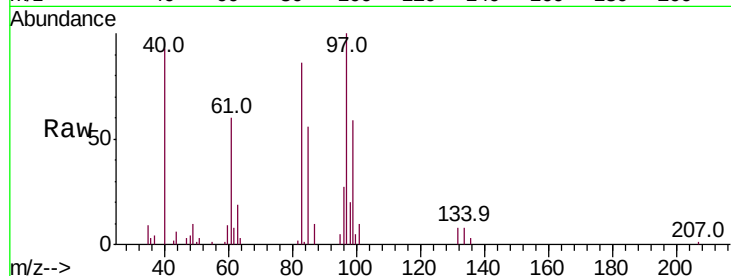
#55
1,1,2-Trichloroethane
Concen: 21.922 ug/l
RT: 8.48 min Scan# 796
Delta R.T. -0.04 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		35848		
83	85.6	64.6	97.0		
85	55.8	43.6	65.4		
99	58.6	48.2	72.2		

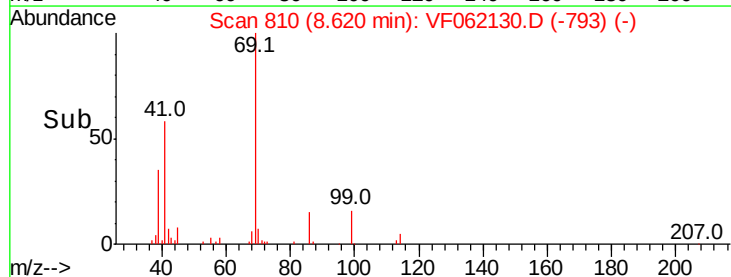
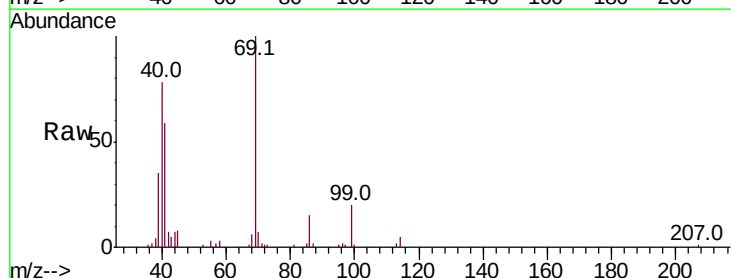
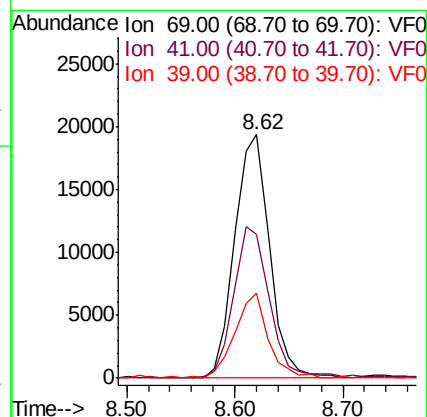
Manual Integrations
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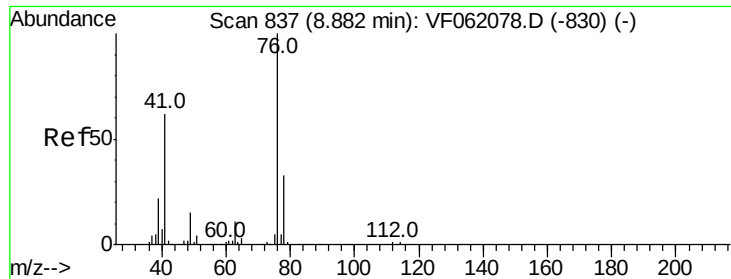
MMDadoda
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#56
Ethyl methacrylate
Concen: 22.279 ug/l
RT: 8.62 min Scan# 810
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		43450		
41	59.2	48.2	72.2		
39	34.6	24.0	36.0		





#57

1,3-Dichloropropane

Concen: 21.968 ug/l

RT: 8.85 min Scan# 833

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBSD01

Tot Ion: 76 Resp: 59621

Ion Ratio Lower Upper

76 100

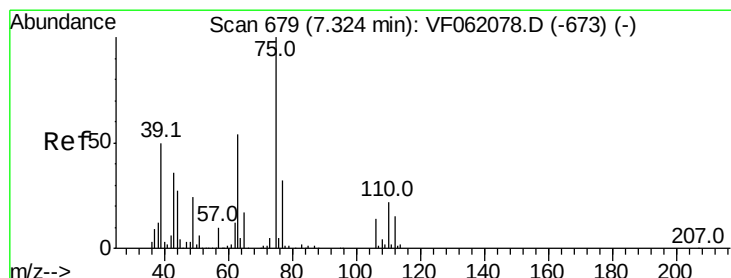
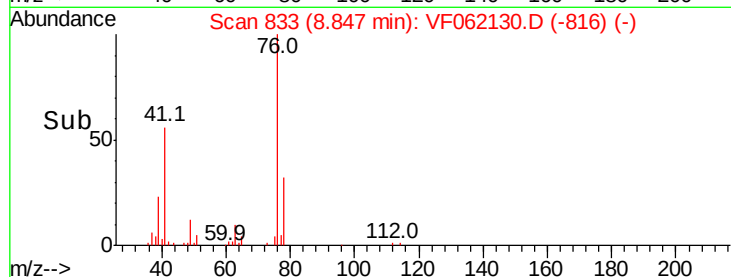
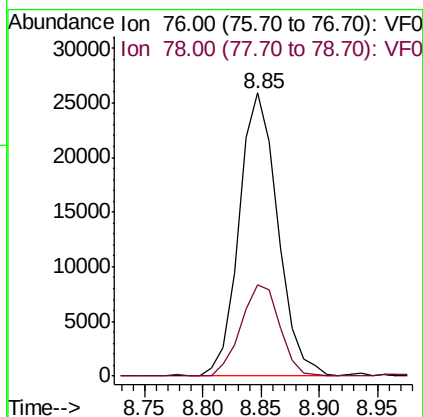
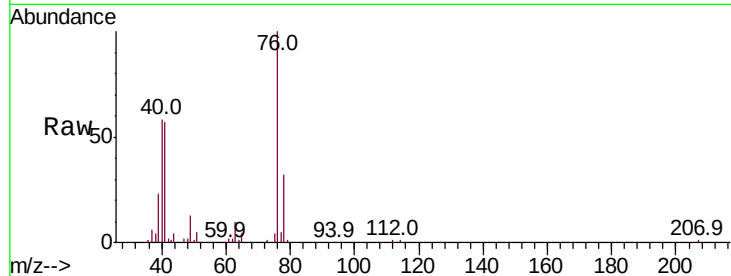
78 32.2 26.6 39.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 114.938 ug/l

RT: 7.29 min Scan# 675

Delta R.T. -0.03 min

Lab File: VF062130.D

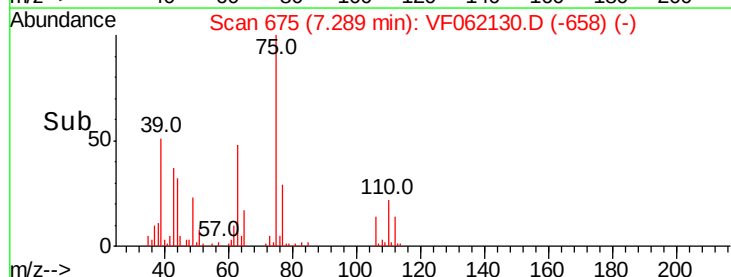
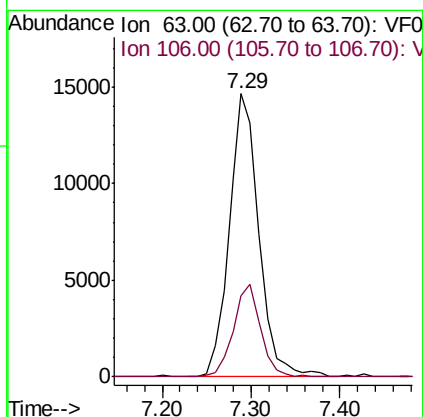
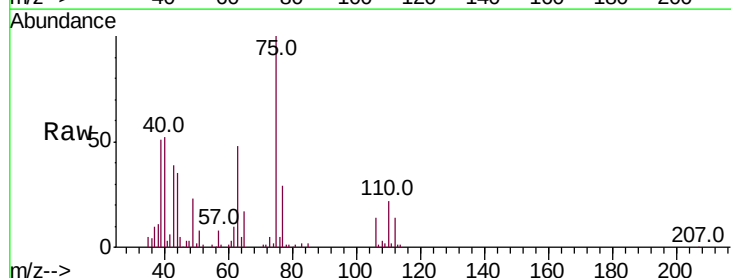
Acq: 25 Mar 2019 14:31

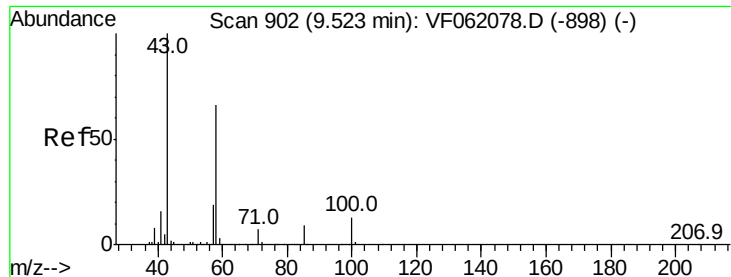
Tgt Ion: 63 Resp: 34014

Ion Ratio Lower Upper

63 100

106 28.7 21.5 32.3





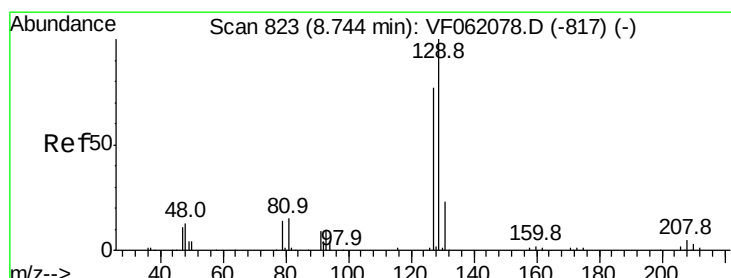
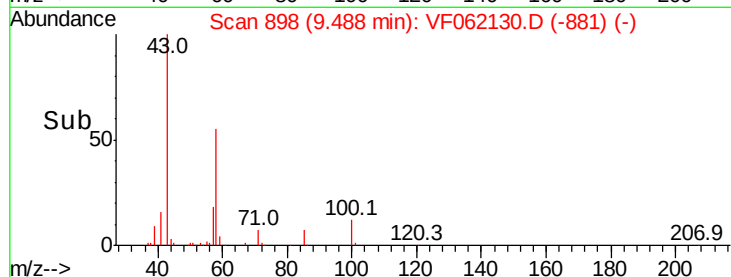
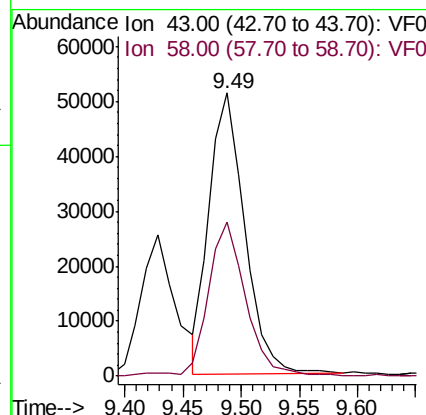
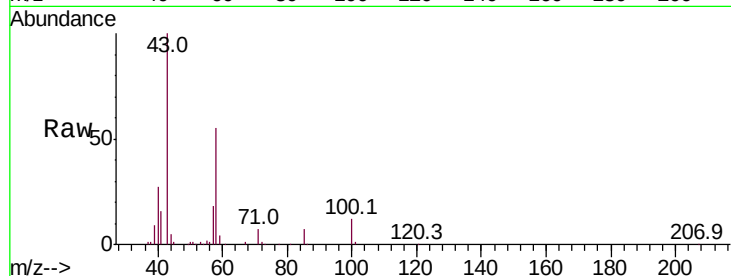
#59
2-Hexanone
Concen: 112.891 ug/l
RT: 9.49 min Scan# 898
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBSD01

Tot Ion: 43 Resp: 108670
Ion Ratio Lower Upper
43 100
58 54.5 28.8 86.4

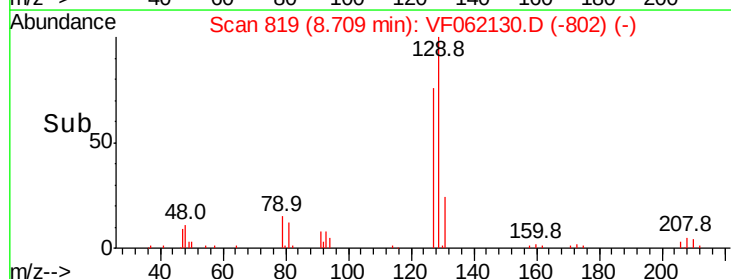
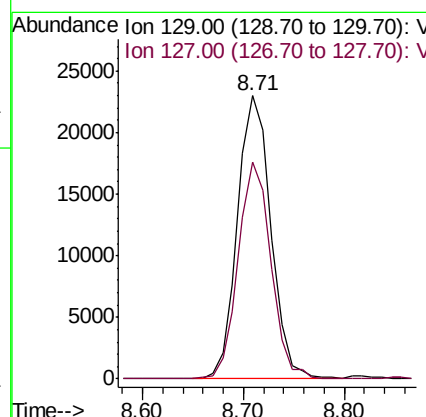
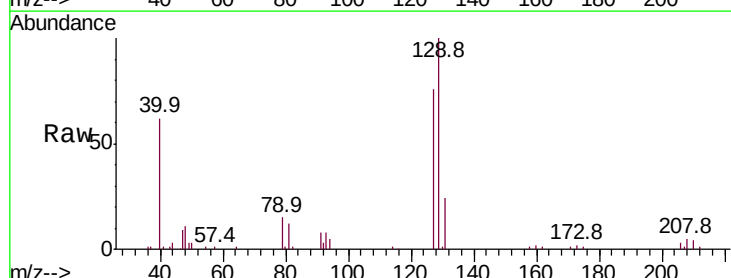
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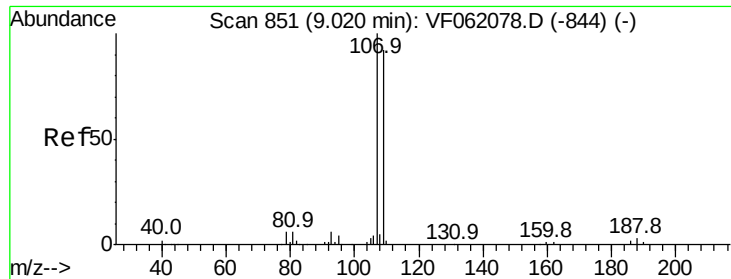
MMDadoda
3/26/2019 3:59:24 PM



#60
Dibromochloromethane
Concen: 23.359 ug/l
RT: 8.71 min Scan# 819
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion: 129 Resp: 53103
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 22.455 ug/l

RT: 8.99 min Scan# 847

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBS01

Tot Ion:107 Resp: 39175

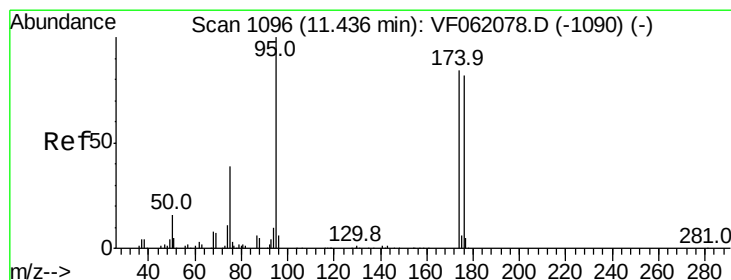
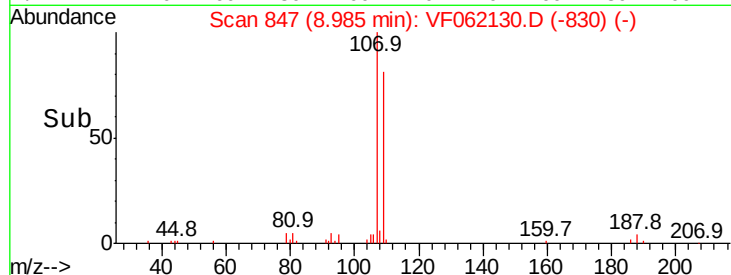
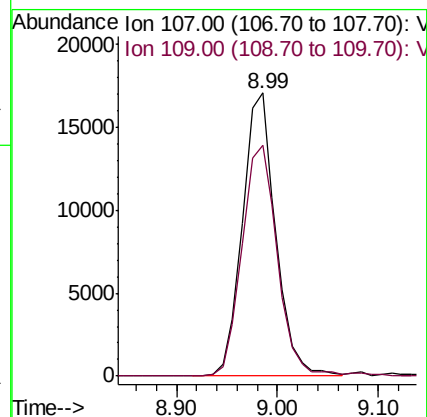
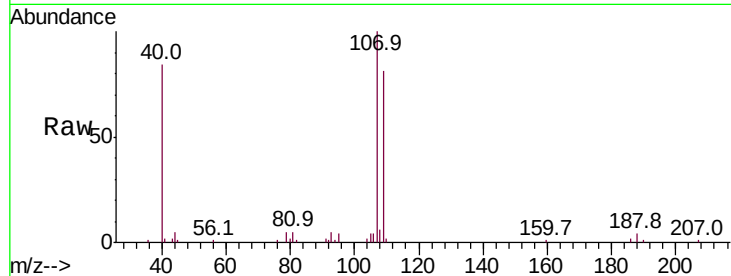
Ion Ratio Lower Upper

107 100

109 81.5 73.4 110.0

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#62

4-Bromofluorobenzene

Concen: 51.890 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

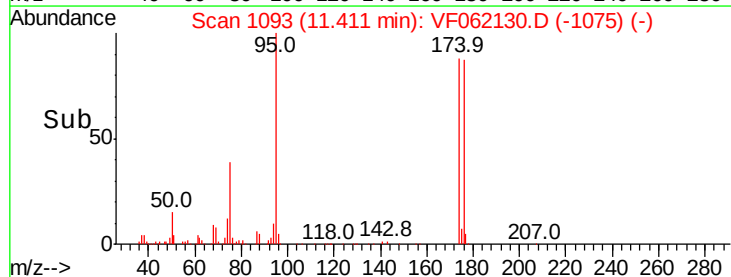
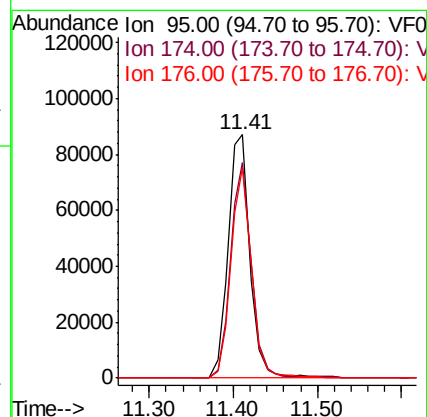
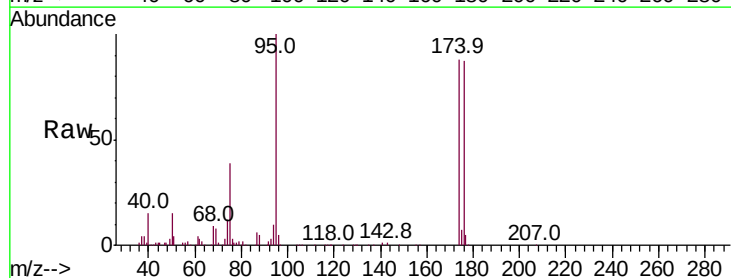
Tgt Ion: 95 Resp: 157457

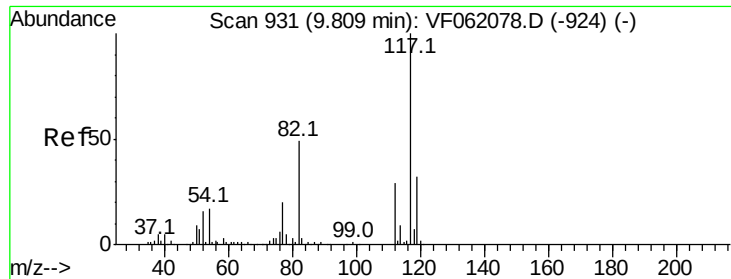
Ion Ratio Lower Upper

95 100

174 88.4 0.0 168.2

176 86.5 0.0 164.2





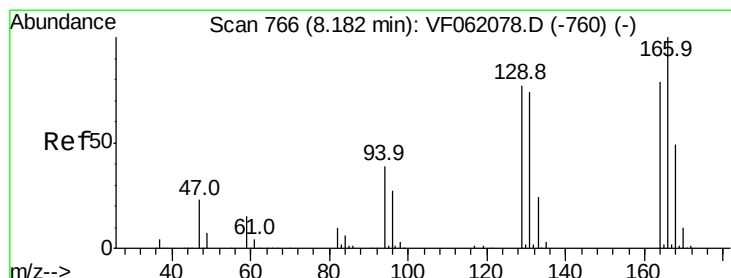
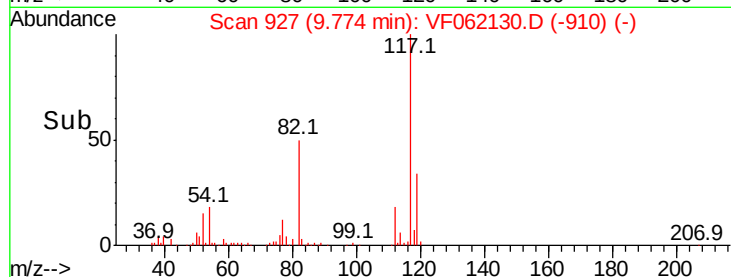
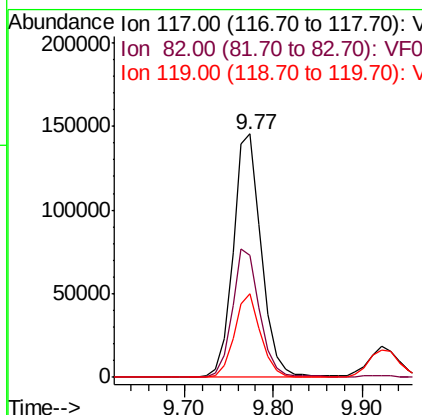
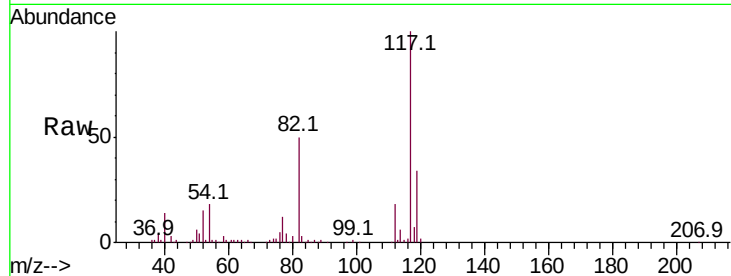
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	50.0	39.2	58.8	
119	34.4	25.4	38.2	

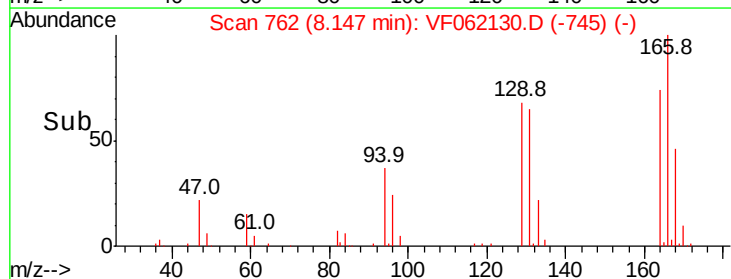
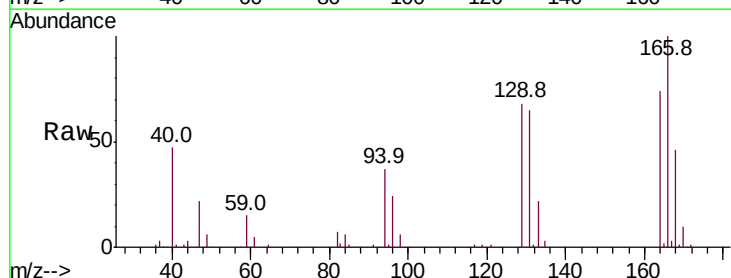
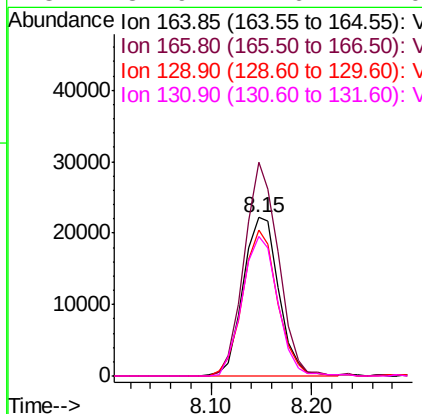
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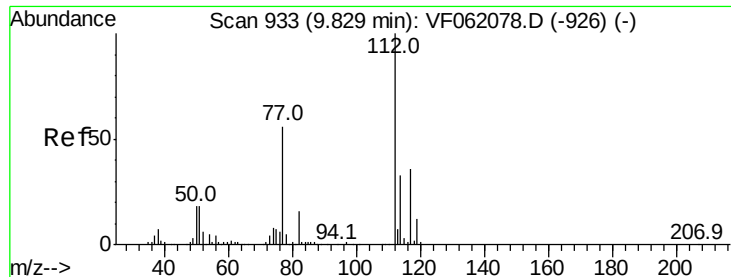
MMDadoda
3/26/2019 3:59:24 PM



#64
Tetrachloroethene
Concen: 22.242 ug/l
RT: 8.15 min Scan# 762
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	134.6	100.9	151.3	
129	92.0	77.9	116.9	
131	87.9	74.6	112.0	





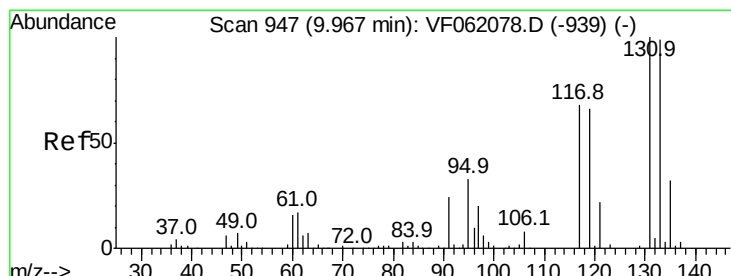
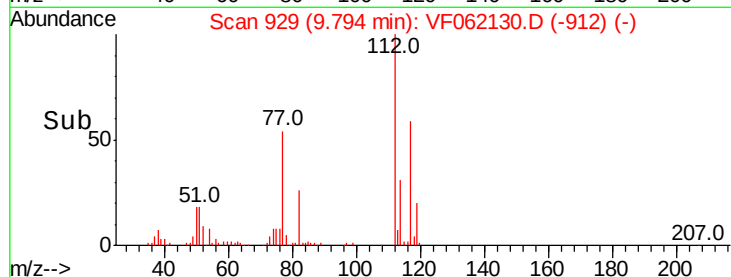
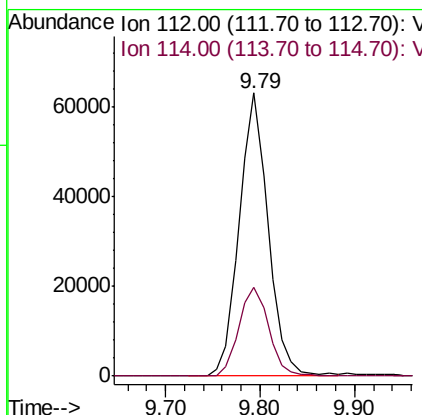
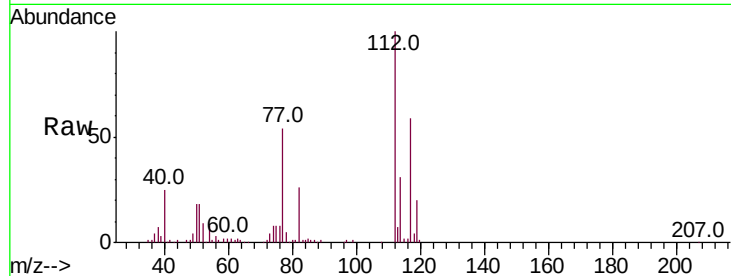
#65
Chlorobenzene
Concen: 22.352 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion:112 Resp: 133908
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0

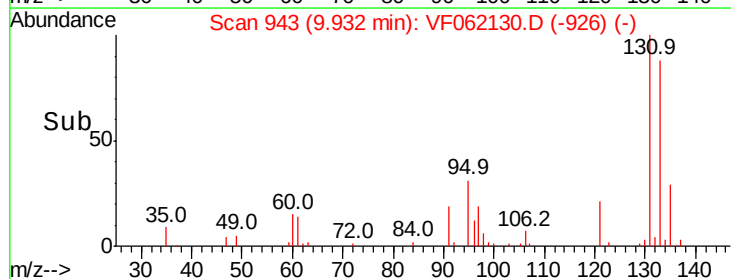
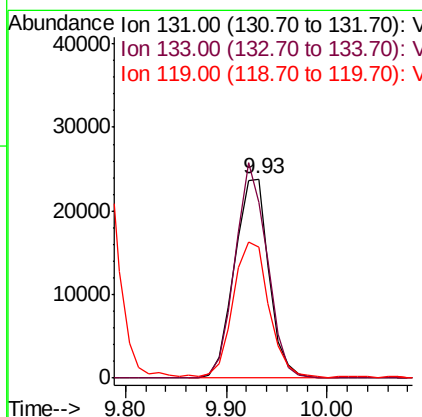
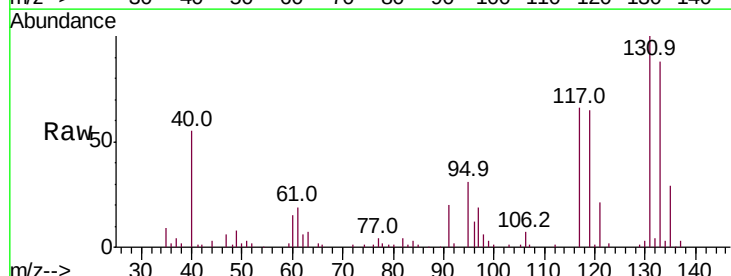
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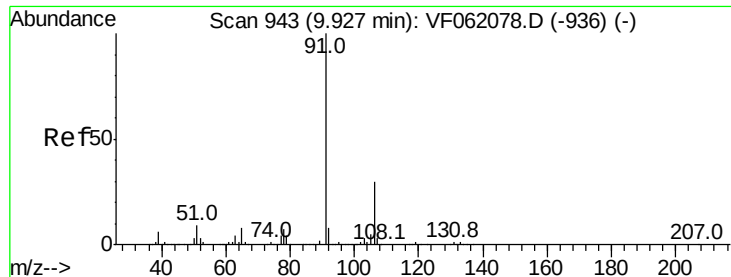
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 23.597 ug/l
RT: 9.93 min Scan# 943
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion:131 Resp: 56785
Ion Ratio Lower Upper
131 100
133 88.0 49.3 147.8
119 65.4 33.5 100.4





#67

Ethyl Benzene

Concen: 23.393 ug/l

RT: 9.89 min Scan# 939

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBS01

Tot Ion: 91 Resp: 243725

Ion Ratio Lower Upper

91 100

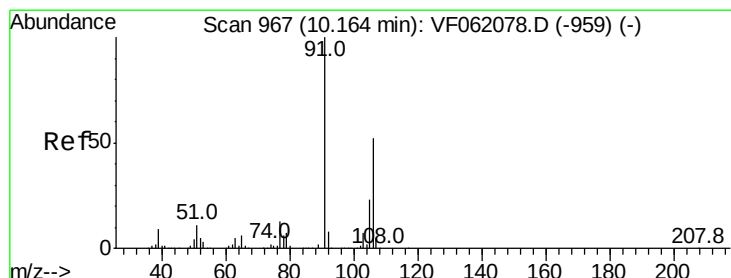
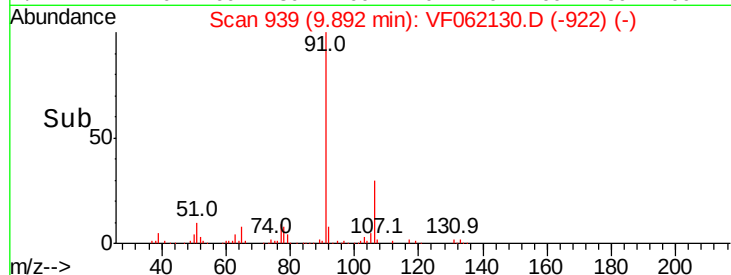
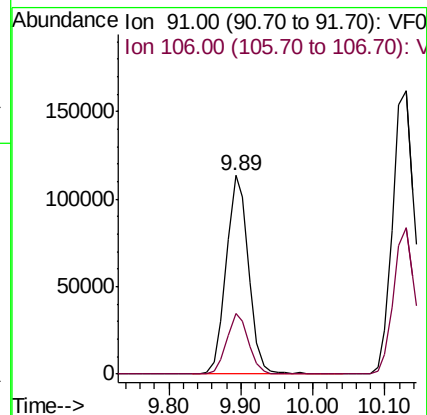
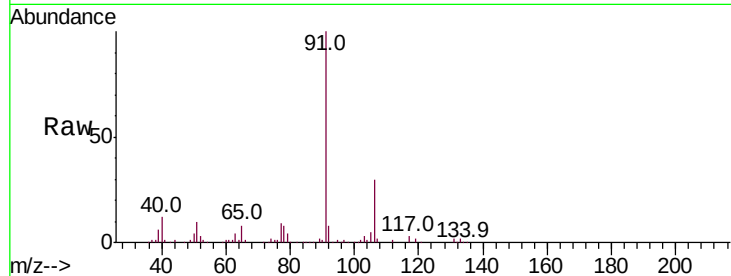
106 30.4 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 45.557 ug/l

RT: 10.13 min Scan# 963

Delta R.T. -0.03 min

Lab File: VF062130.D

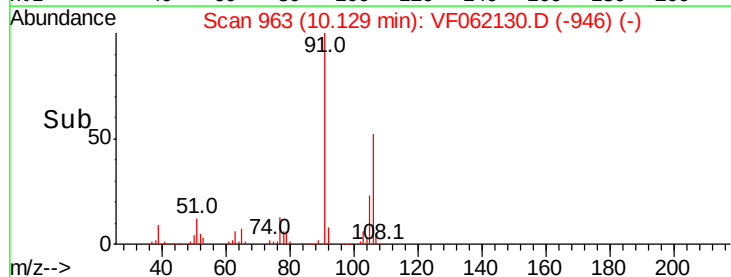
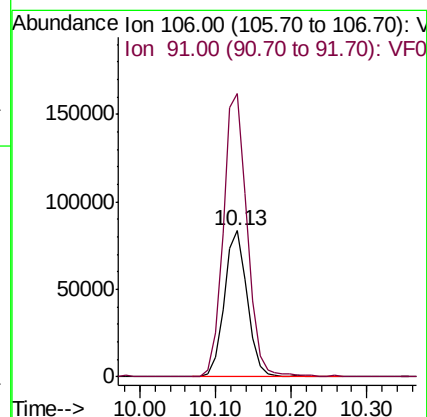
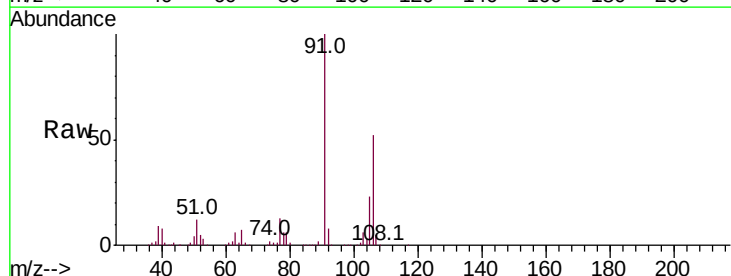
Acq: 25 Mar 2019 14:31

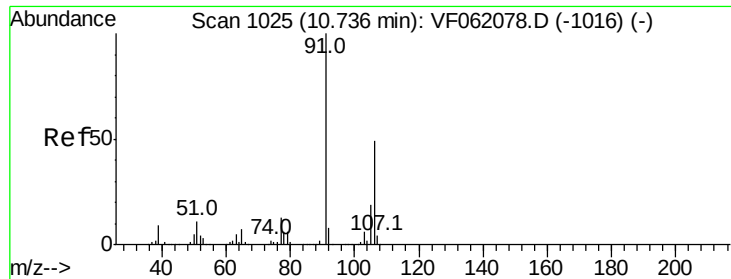
Tgt Ion: 106 Resp: 177401

Ion Ratio Lower Upper

106 100

91 193.9 154.4 231.6





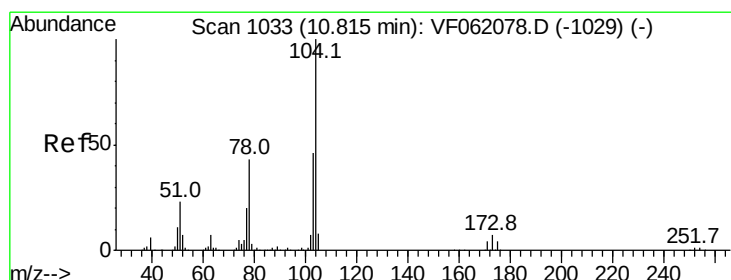
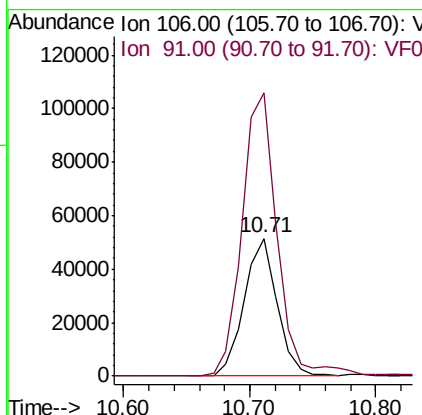
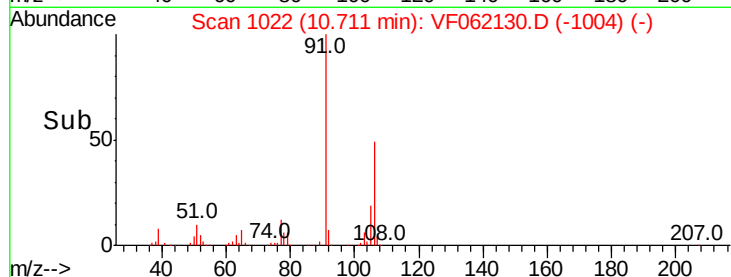
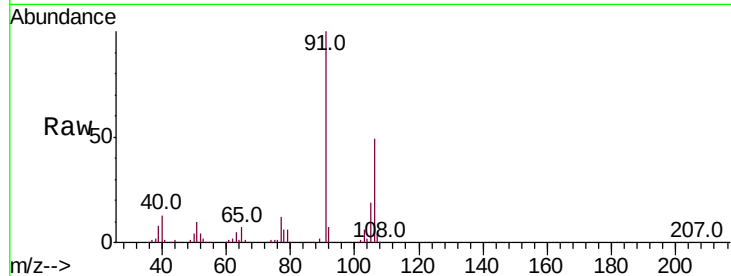
#69
o-Xylene
Concen: 22.964 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.02 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion:106 Resp: 93655
Ion Ratio Lower Upper
106 100
91 205.1 102.6 307.8

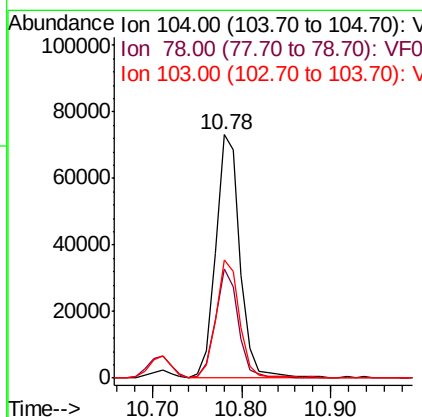
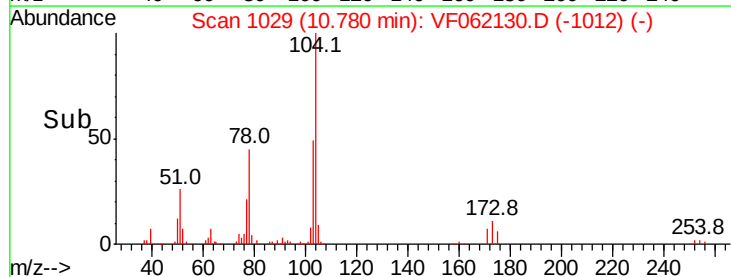
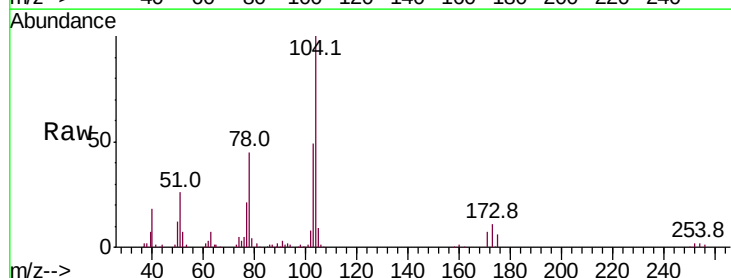
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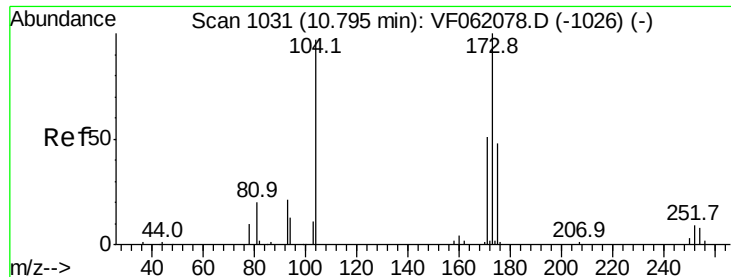
MMDadoda
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#70
Styrene
Concen: 22.546 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion:104 Resp: 139317
Ion Ratio Lower Upper
104 100
78 44.8 34.3 51.5
103 48.5 36.9 55.3





#71

Bromoform

Concen: 21.481 ug/l

RT: 10.77 min Scan# 1028

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

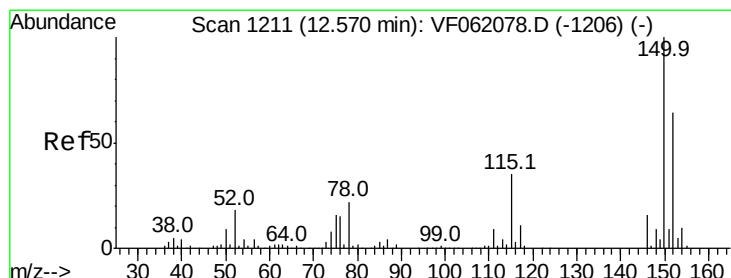
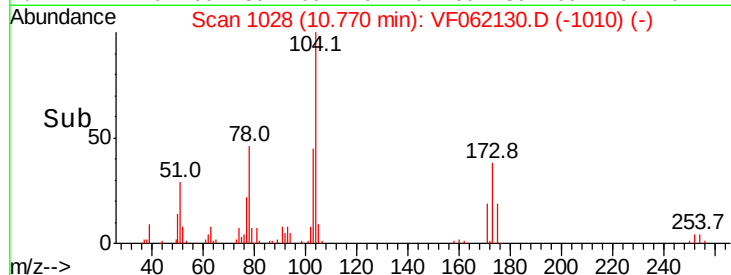
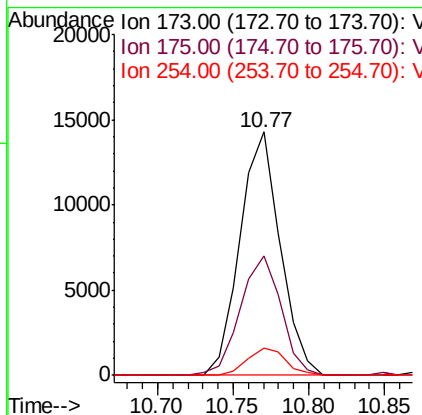
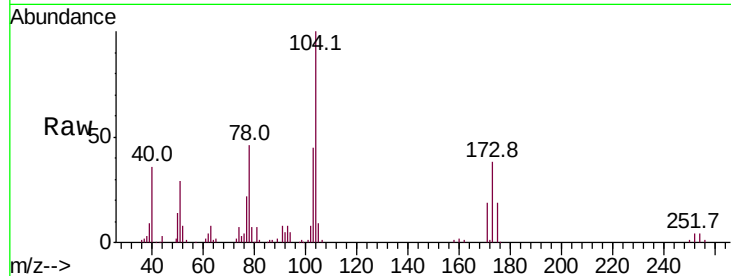
ClientSampleId :

VF0325SBSD01

Tot Ion:	173	Resp:	26440
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.1	72.4
254	11.1	6.2	9.4#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

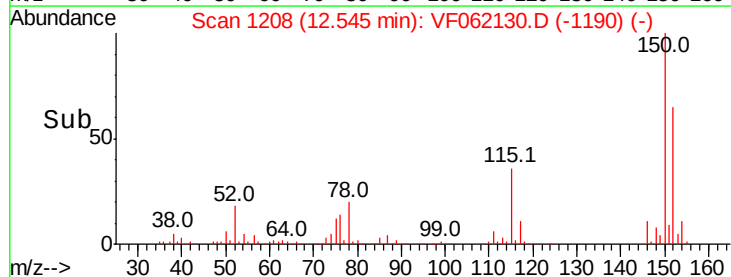
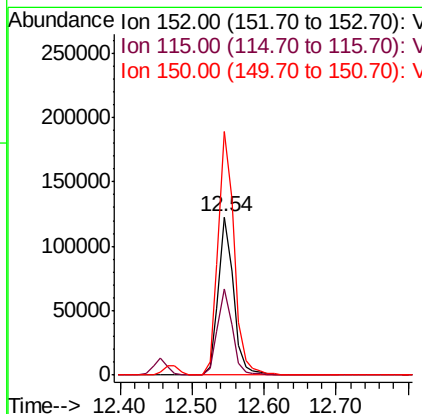
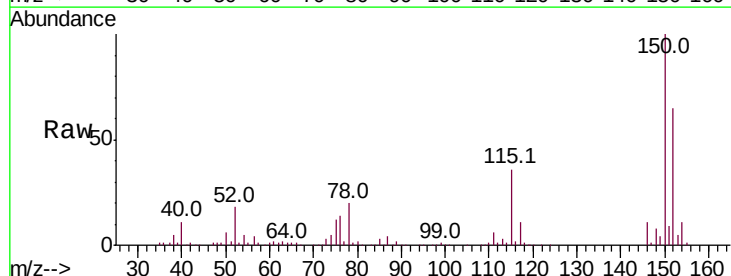
RT: 12.54 min Scan# 1208

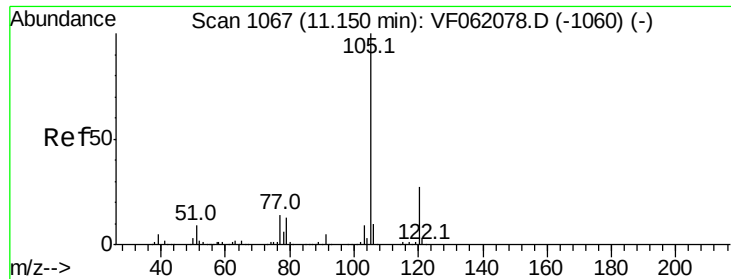
Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Tgt Ion:	152	Resp:	178594
Ion Ratio	Lower	Upper	
152	100		
115	54.9	27.7	83.1
150	153.9	0.0	313.2





#73

Isopropylbenzene

Concen: 22.666 ug/l

RT: 11.12 min Scan# 1063

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBS01

Tot Ion:105 Resp: 284841

Ion Ratio Lower Upper

105 100

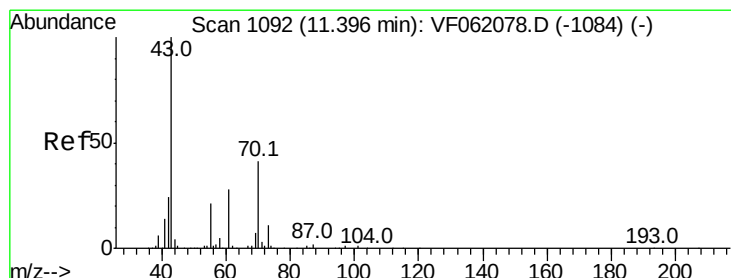
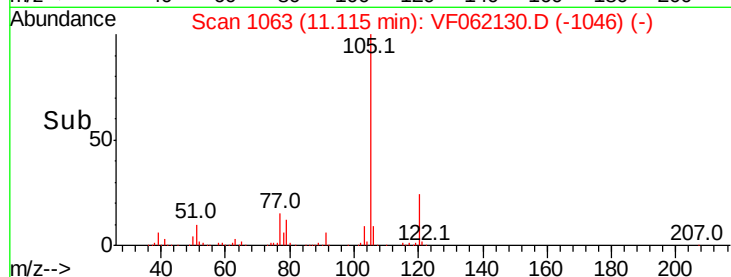
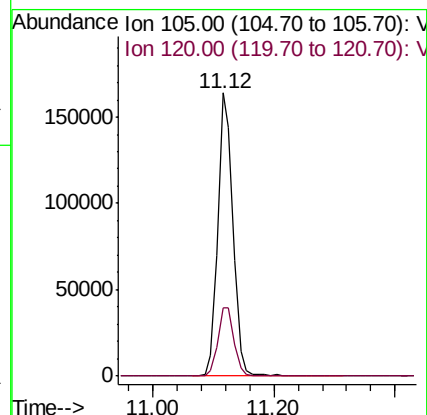
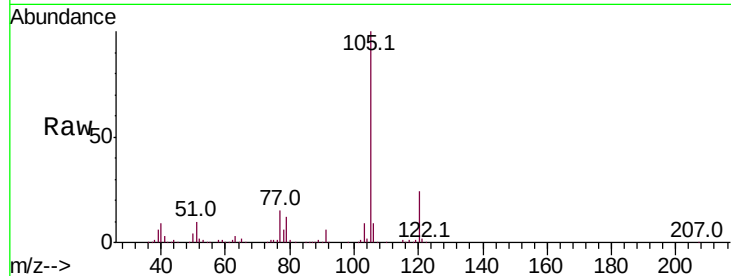
120 23.9 13.8 41.3

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#74

N-ethyl acetate

Concen: 22.987 ug/l

RT: 11.37 min Scan# 1089

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Tgt Ion: 43 Resp: 68833

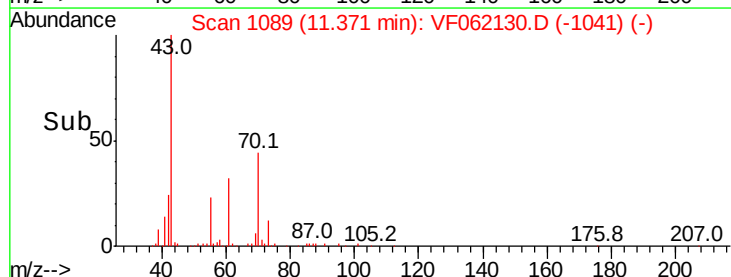
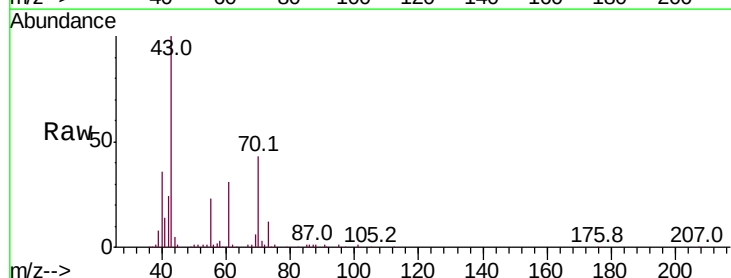
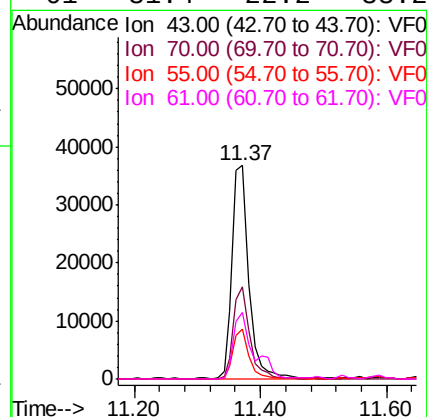
Ion Ratio Lower Upper

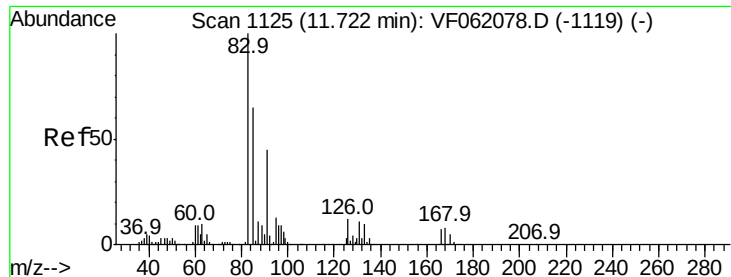
43 100

70 43.4 32.9 49.3

55 23.1 17.1 25.7

61 31.4 22.2 33.2





#75

1,1,2,2-Tetrachloroethane

Concen: 23.239 ug/l

RT: 11.69 min Scan# 1121

Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

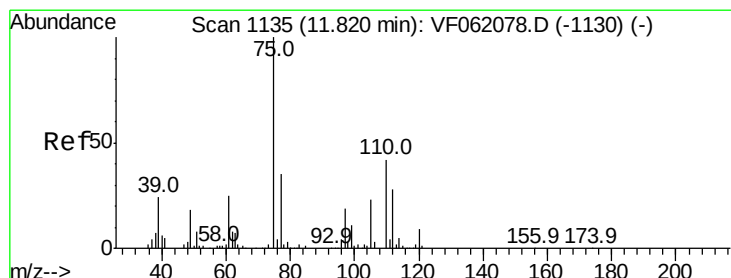
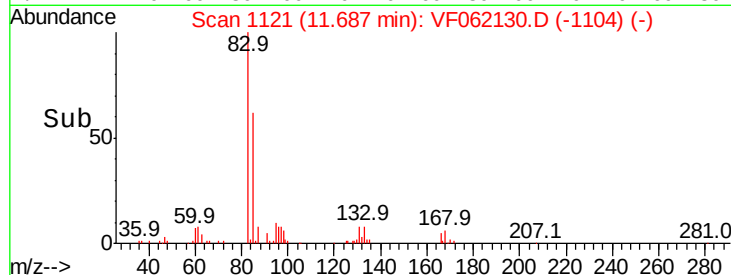
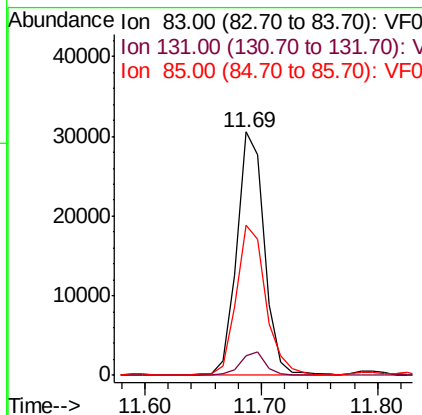
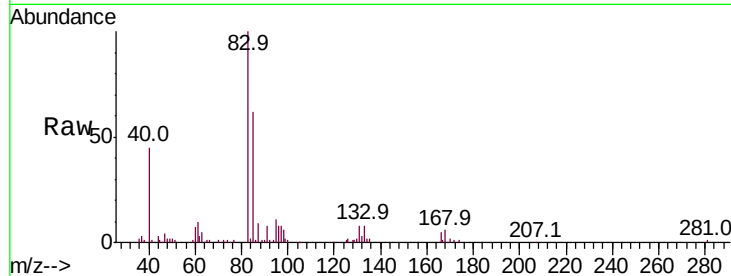
ClientSampleId :

VF0325SBS01

Tot Ion:	83	Resp:	50144
Ion Ratio	Lower	Upper	
83	100		
131	8.1	5.3	15.8
85	61.7	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 21.561 ug/l

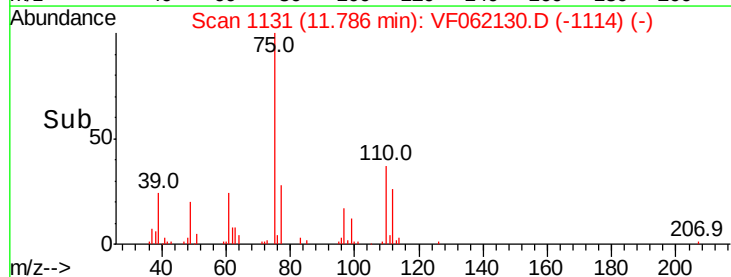
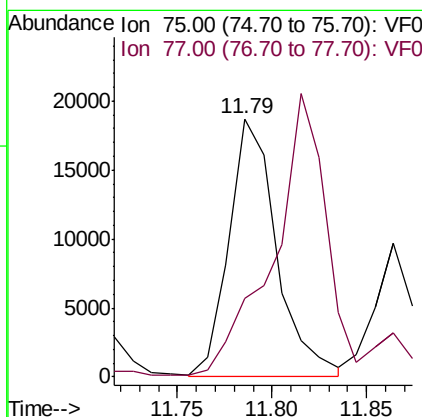
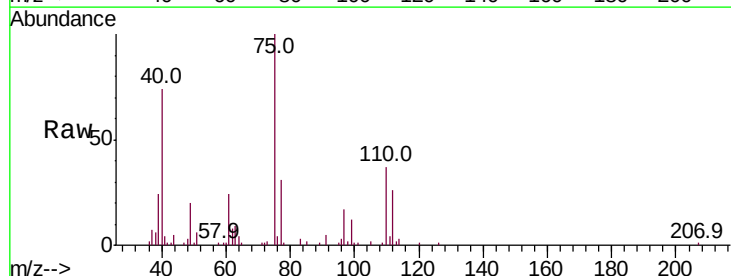
RT: 11.79 min Scan# 1131

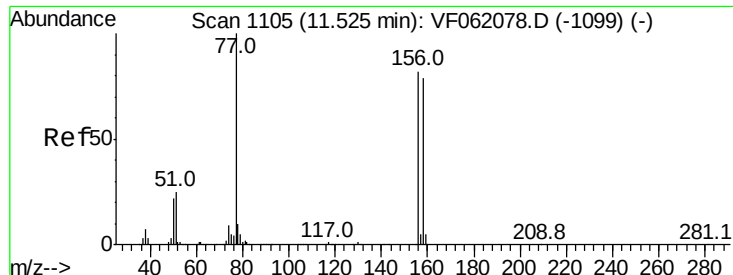
Delta R.T. -0.03 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Tgt Ion:	75	Resp:	32742
Ion Ratio	Lower	Upper	
75	100		
77	30.6	17.8	53.3





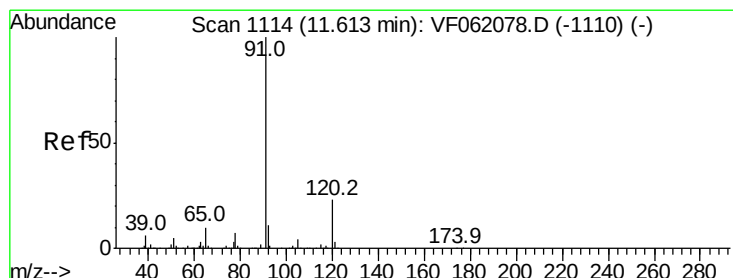
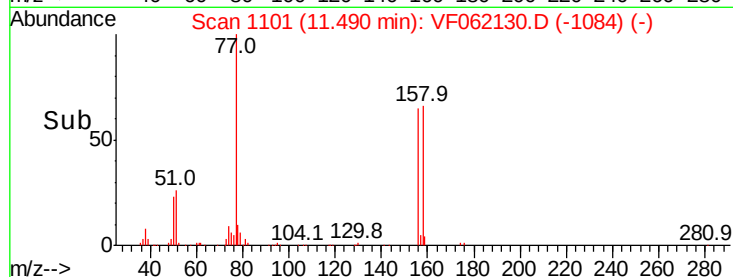
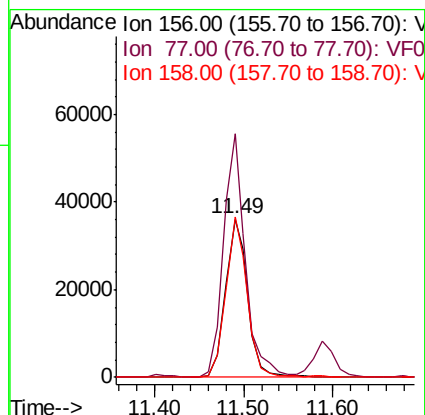
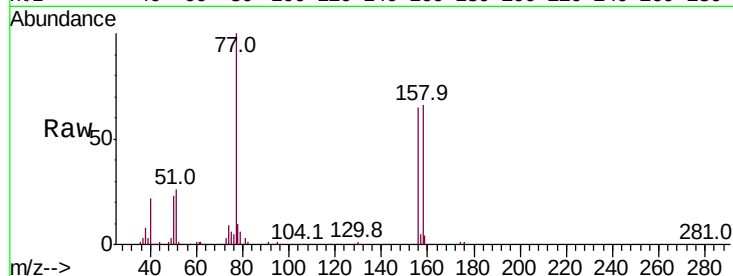
#77
Bromobenzene
Concen: 20.620 ug/l
RT: 11.49 min Scan# 1101
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	153.8	61.3	183.9
158	101.3	48.6	145.9

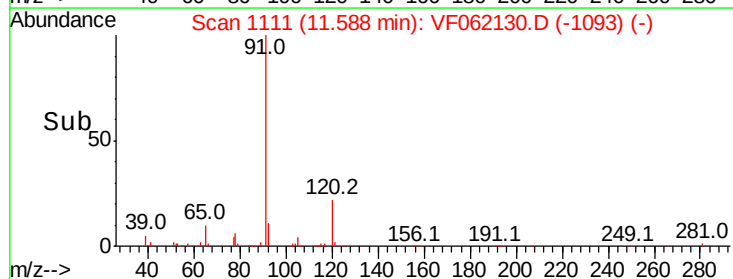
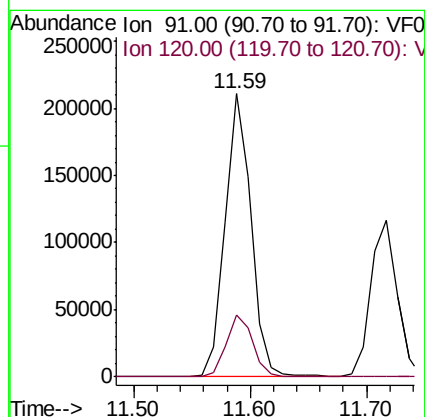
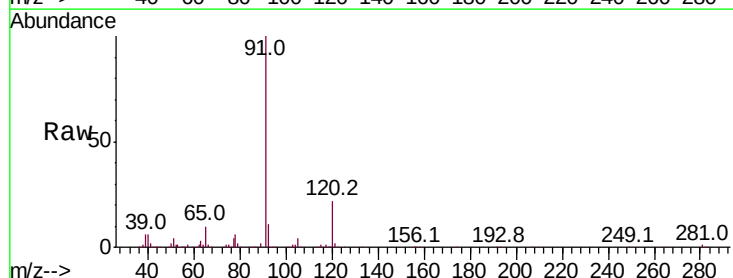
Manual Integrations
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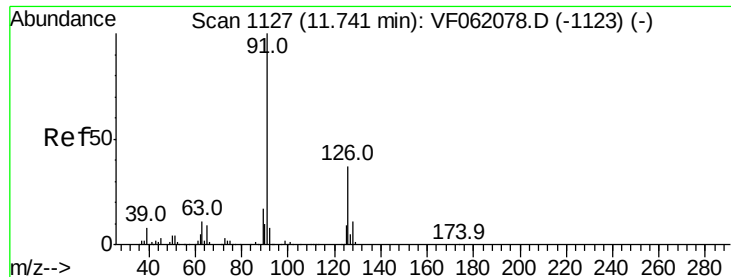
MMDadoda
3/26/2019 3:59:24 PM



#78
n-propylbenzene
Concen: 22.421 ug/l
RT: 11.59 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.3	33.8





#79

2-Chlorotoluene

Concen: 22.468 ug/l

RT: 11.72 min Scan# 1124

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBS01

Tot Ion: 91 Resp: 182234

Ion Ratio Lower Upper

91 100

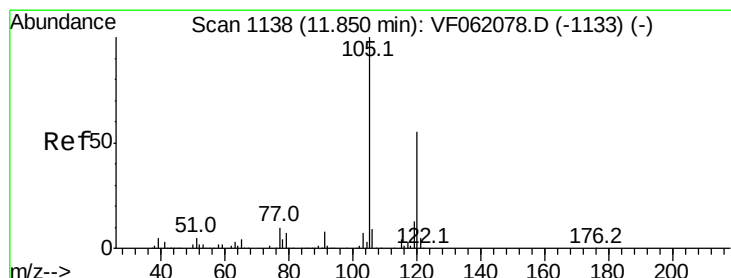
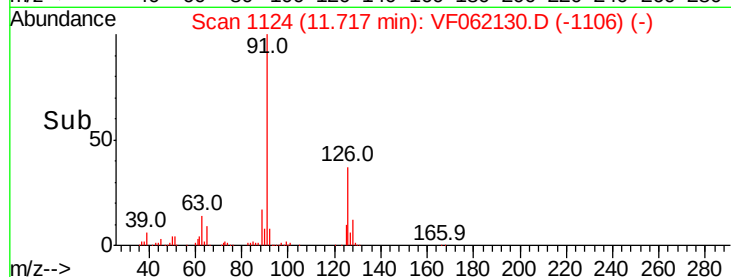
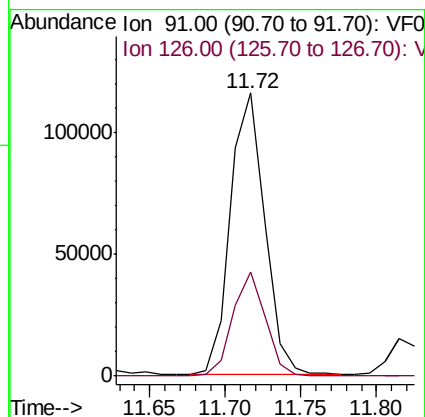
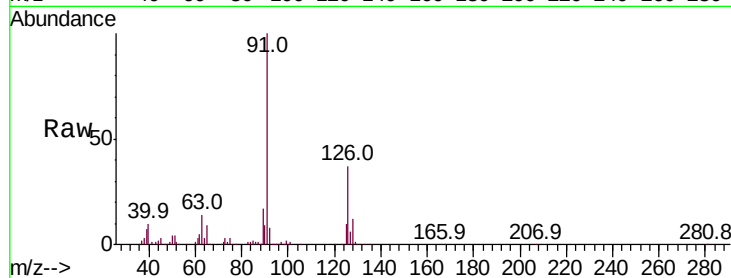
126 37.0 18.3 54.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 23.256 ug/l

RT: 11.82 min Scan# 1134

Delta R.T. -0.03 min

Lab File: VF062130.D

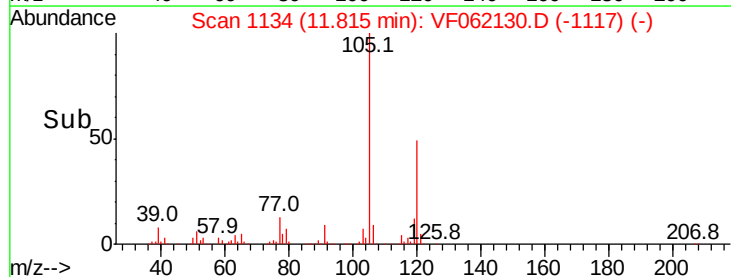
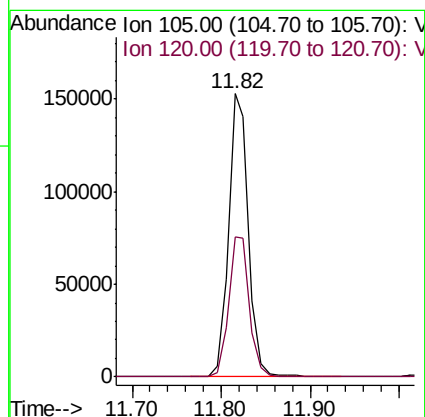
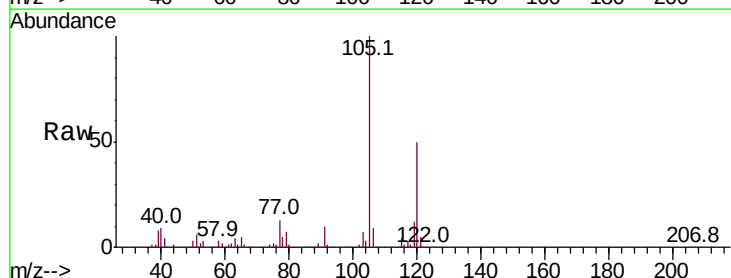
Acq: 25 Mar 2019 14:31

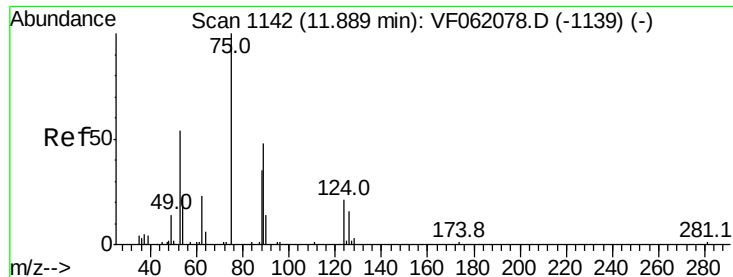
Tgt Ion: 105 Resp: 240394

Ion Ratio Lower Upper

105 100

120 49.6 27.8 83.3





#81

trans-1,4-Dichloro-2-butene

Concen: 23.984 ug/l m

RT: 11.86 min Scan# 1139

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

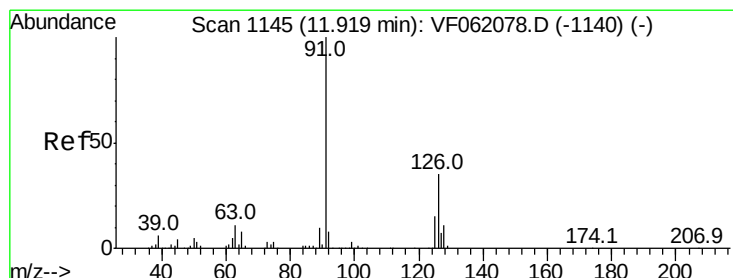
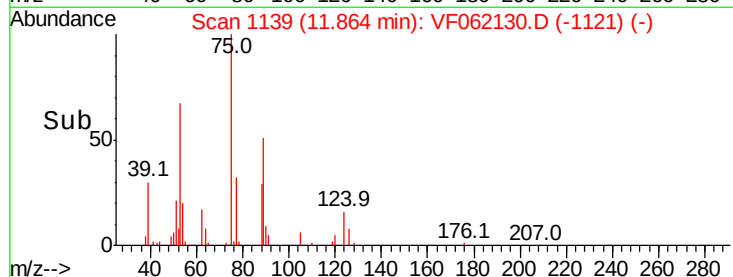
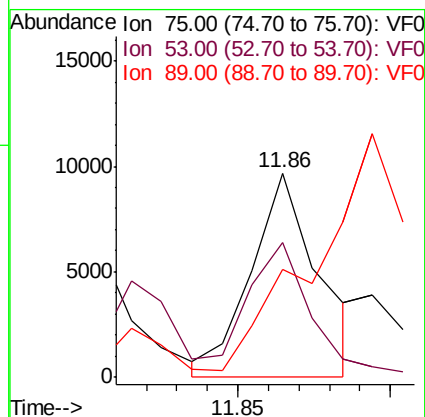
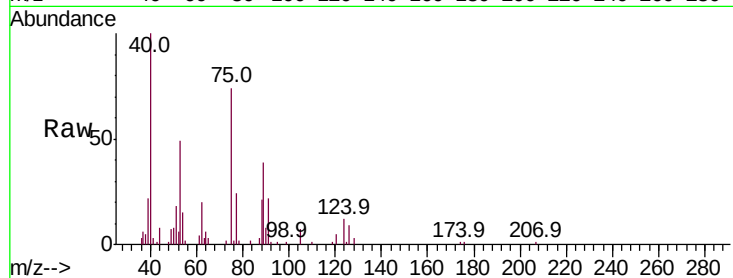
ClientSampleId :

VF0325SBS01

Tot Ion:	75	Resp:	14841
Ion	Ratio	Lower	Upper
75	100		
53	66.0	49.4	74.0
89	53.1	40.6	60.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.697 ug/l

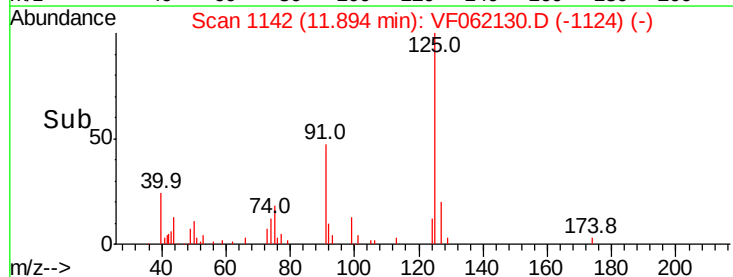
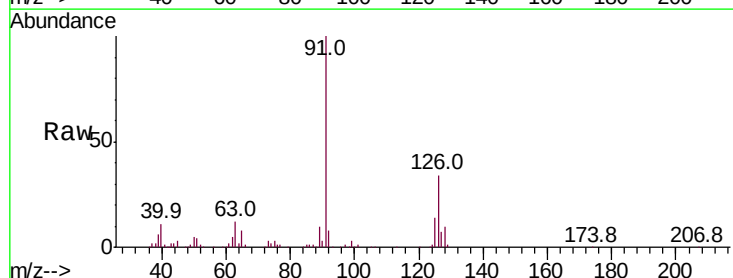
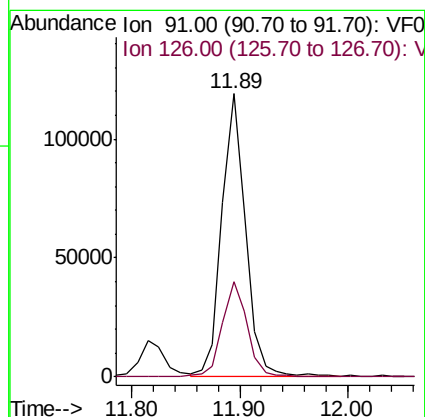
RT: 11.89 min Scan# 1142

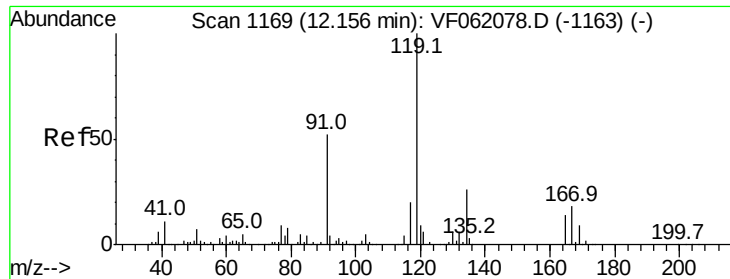
Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Tgt Ion:	91	Resp:	180437
Ion	Ratio	Lower	Upper
91	100		
126	33.5	17.2	51.6





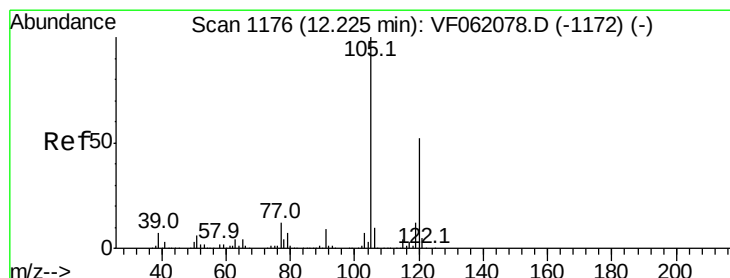
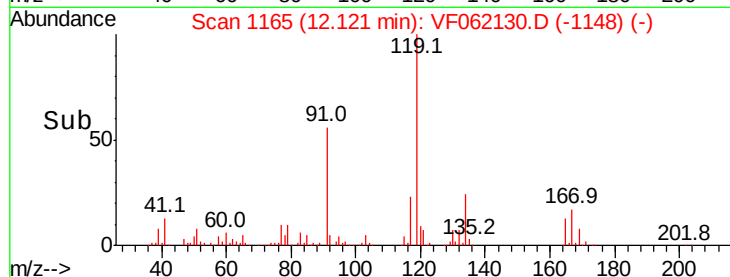
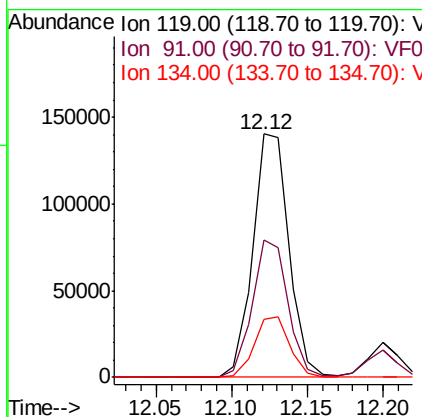
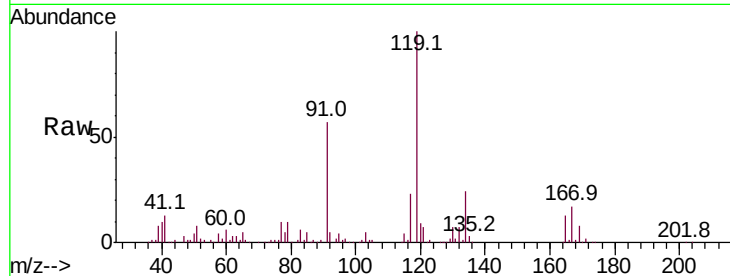
#83
tert-Butylbenzene
Concen: 21.721 ug/l
RT: 12.12 min Scan# 1165
Delta R.T. -0.03 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	235036		
91	56.6		26.1	78.2
134	24.0		12.8	38.4

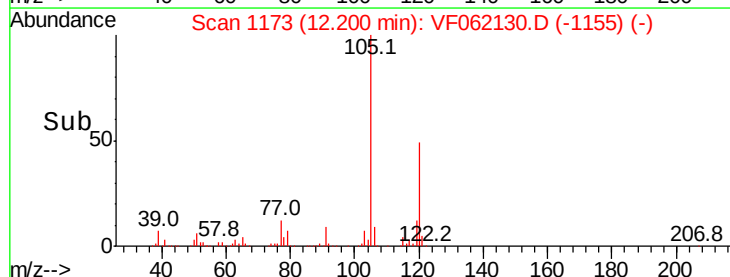
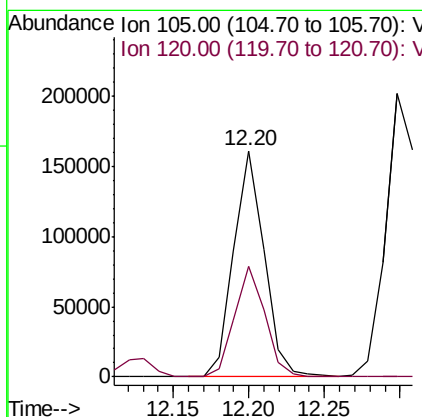
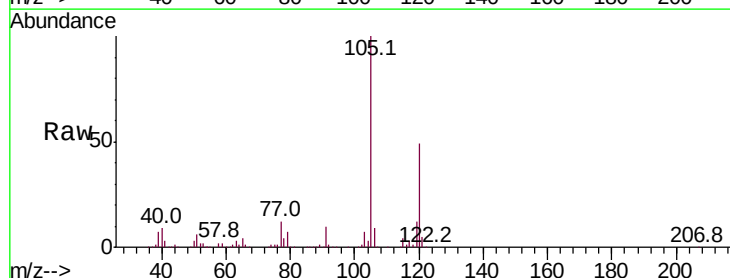
Manual Integrations
APPROVED

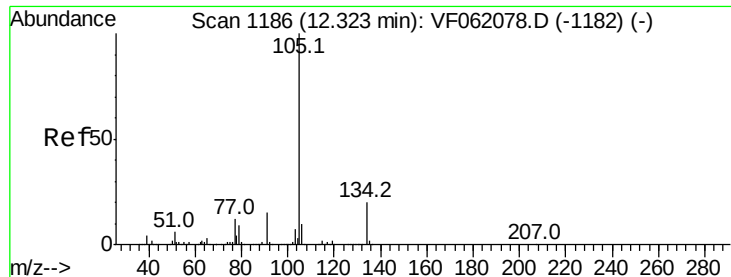
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 22.427 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.02 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	227263		
120	49.0		26.1	78.2





#85

sec-Butylbenzene

Concen: 21.733 ug/l

RT: 12.30 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

ClientSampleId :

VF0325SBS01

Tot Ion:105 Resp: 304230

Ion Ratio Lower Upper

105 100

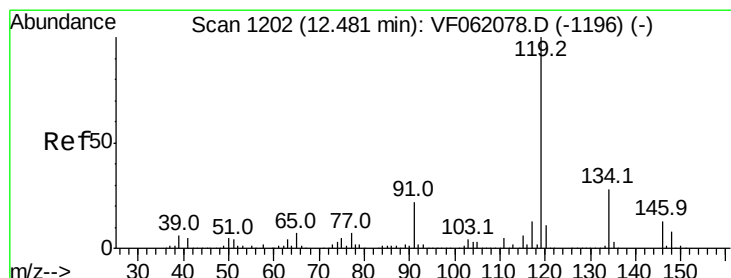
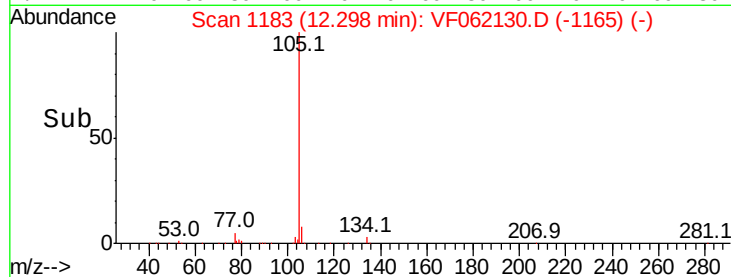
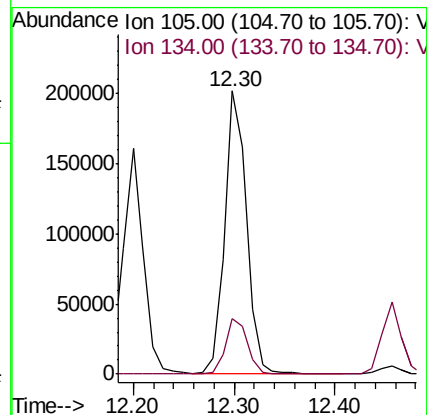
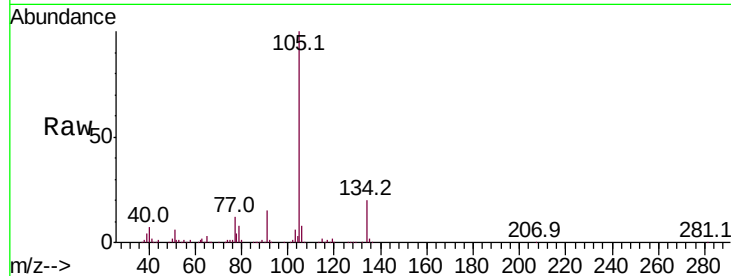
134 19.5 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 22.255 ug/l

RT: 12.46 min Scan# 1199

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

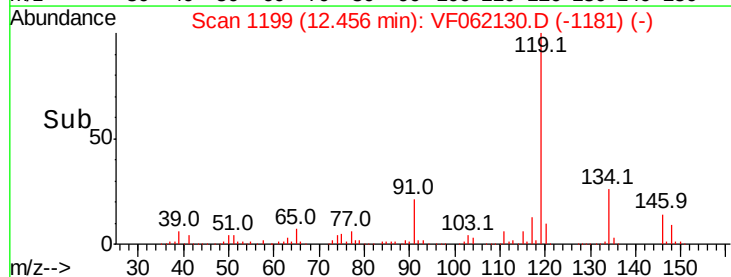
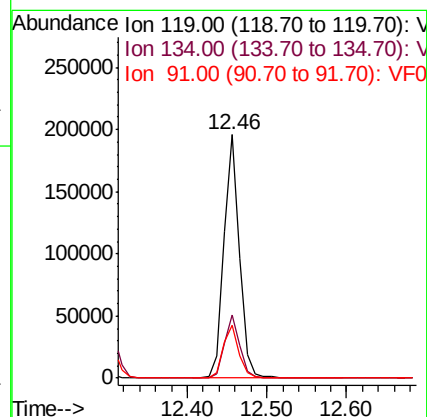
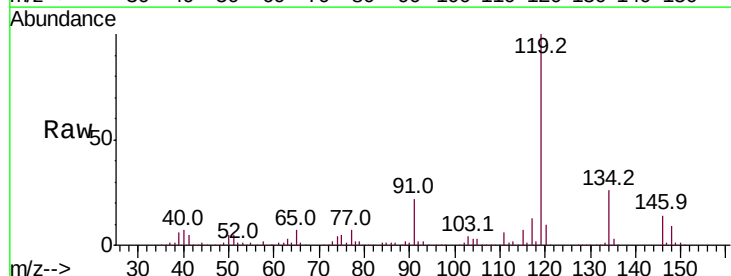
Tgt Ion:119 Resp: 269904

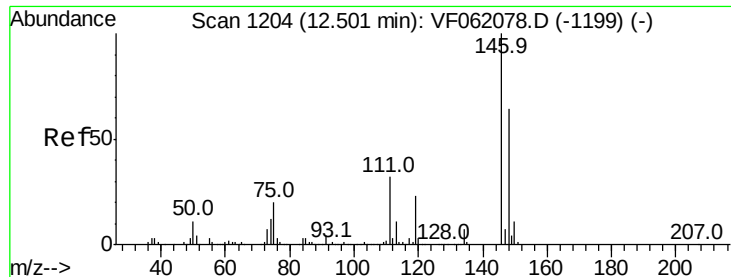
Ion Ratio Lower Upper

119 100

134 26.2 14.0 42.0

91 21.5 10.8 32.4





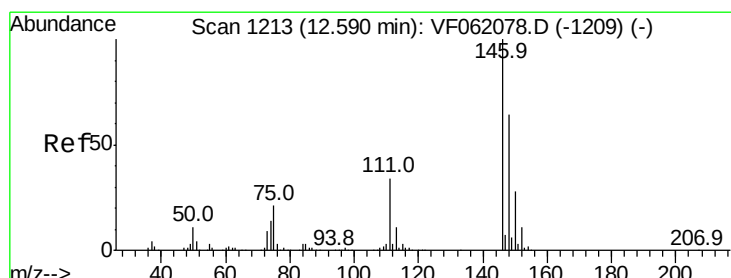
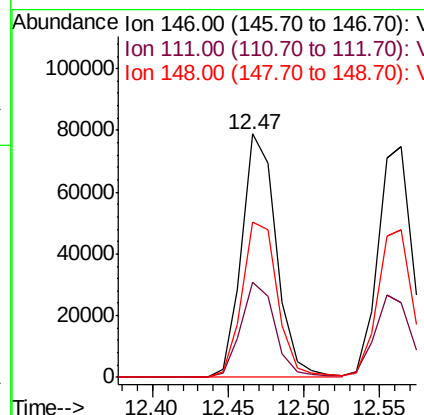
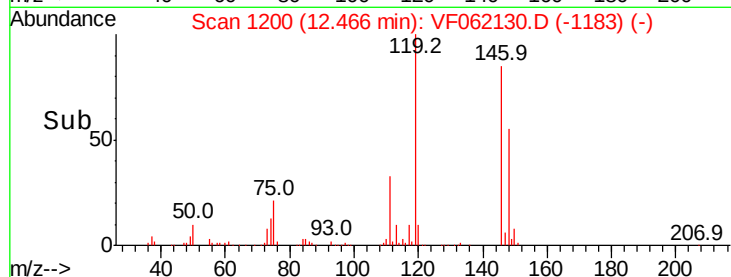
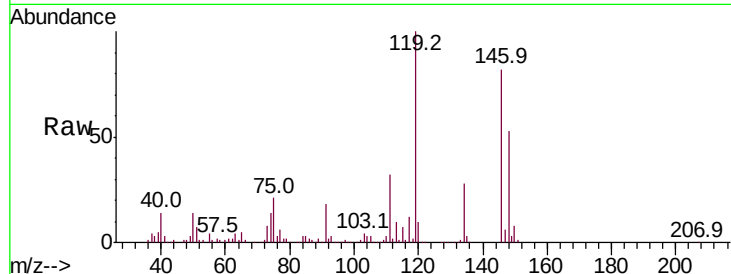
#87
 1,3-Dichlorobenzene
 Concen: 22.097 ug/l
 RT: 12.47 min Scan# 1200
 Delta R.T. -0.03 min
 Lab File: VF062130.D
 Acq: 25 Mar 2019 14:31

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0325SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	126045		
111	39.3	16.1	48.3	
148	64.0	31.9	95.7	

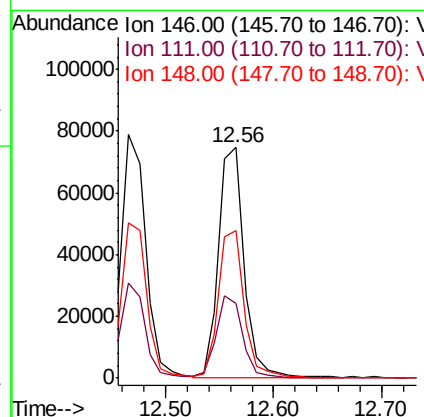
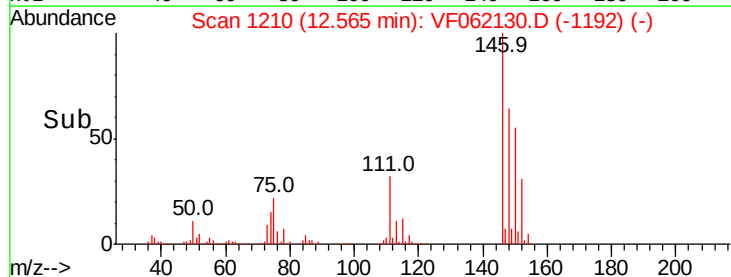
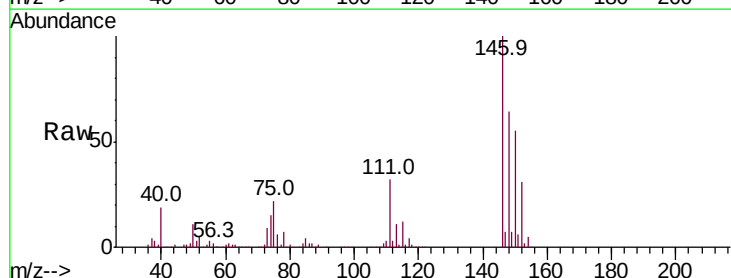
Manual Integrations
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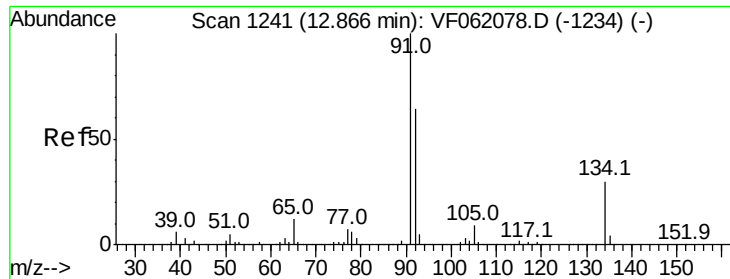
MMDadoda
 3/26/2019 3:59:24 PM



#88
 1,4-Dichlorobenzene
 Concen: 22.084 ug/l
 RT: 12.56 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: VF062130.D
 Acq: 25 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122926		
111	32.4	16.9	50.6	
148	63.9	31.9	95.7	





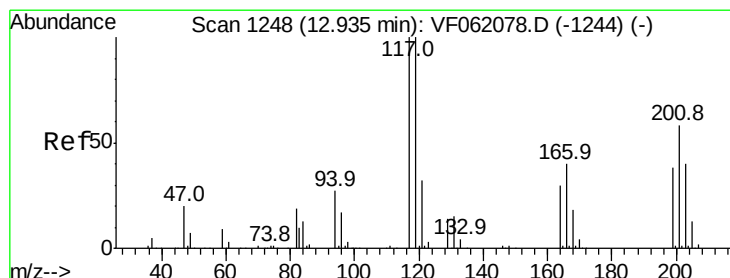
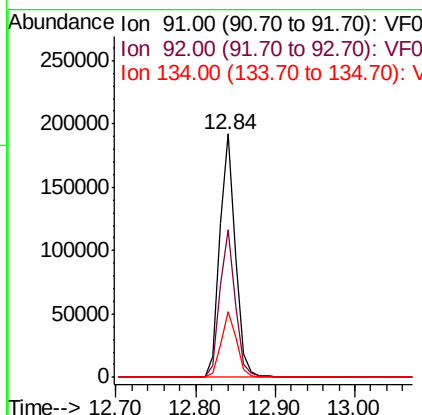
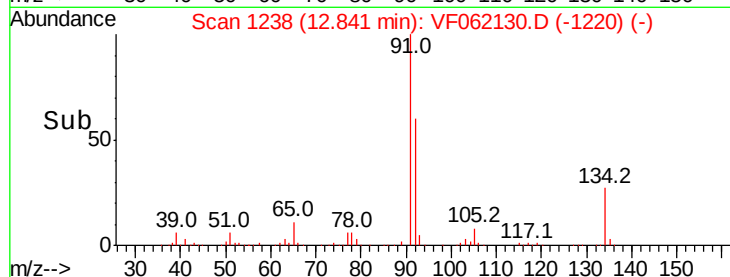
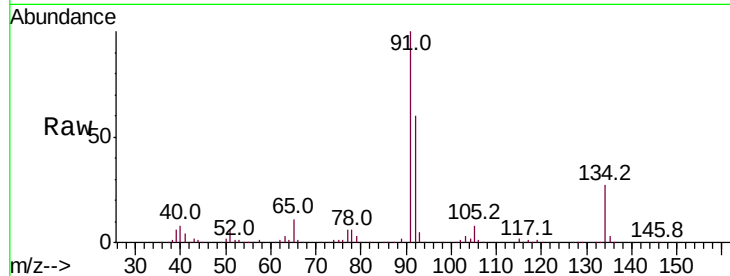
#89
n-Butylbenzene
Concen: 23.161 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Instrument :
MSVOA_F
ClientSampleId :
VF0325SBS01

Tot Ion:	91	Resp:	267995
Ion Ratio	Lower	Upper	
91	100		
92	60.4	31.9	95.5
134	26.9	14.9	44.9

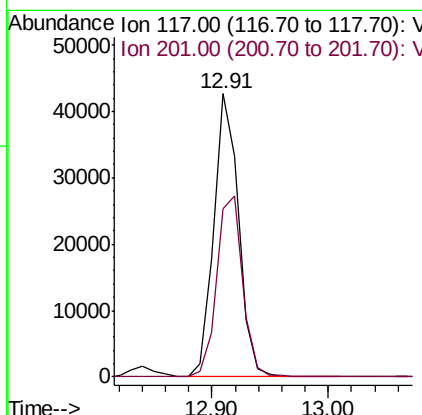
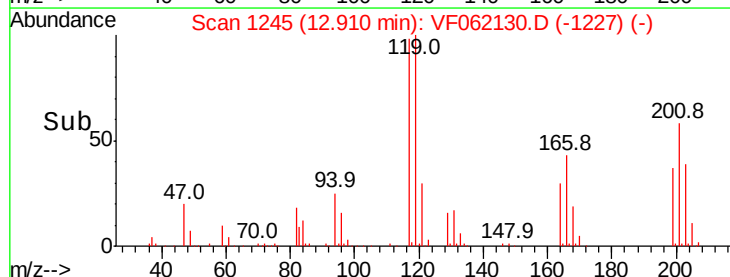
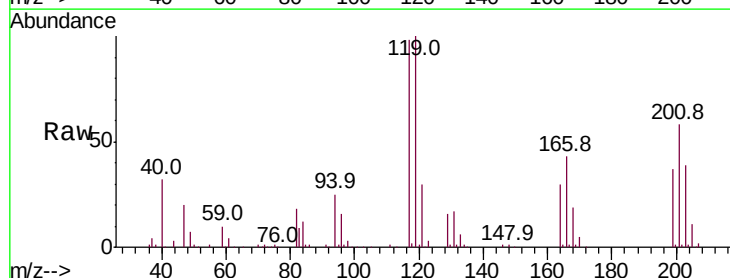
Manual Integrations
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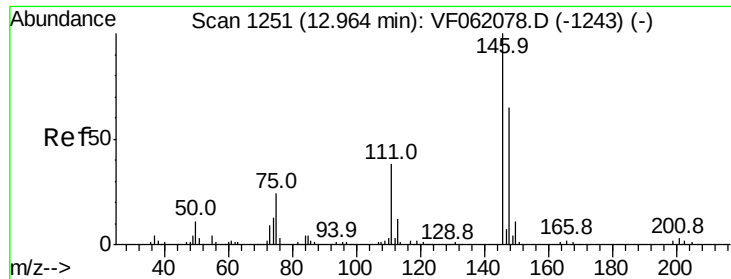
MMDadoda
3/26/2019 3:59:24 PM



#90
Hexachloroethane
Concen: 21.738 ug/l
RT: 12.91 min Scan# 1245
Delta R.T. -0.02 min
Lab File: VF062130.D
Acq: 25 Mar 2019 14:31

Tgt Ion:	117	Resp:	62775
Ion Ratio	Lower	Upper	
117	100		
201	59.5	28.7	86.1





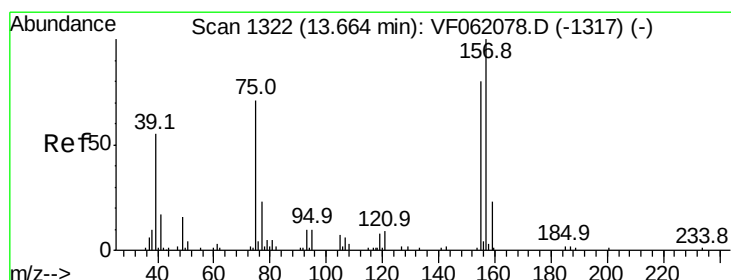
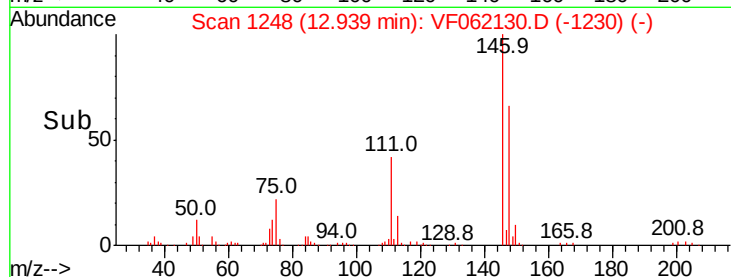
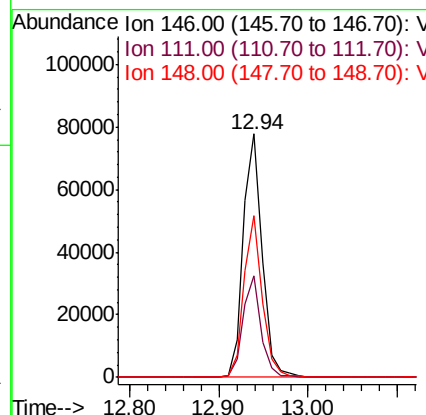
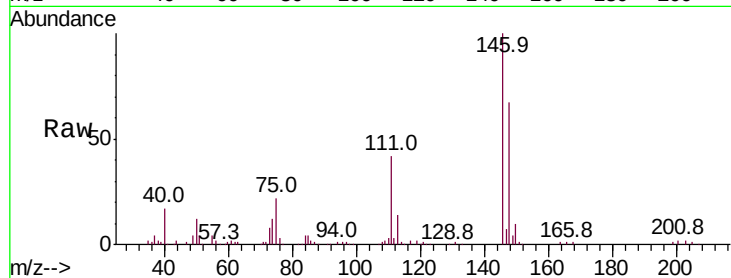
#91
 1,2-Dichlorobenzene
 Concen: 21.626 ug/l
 RT: 12.94 min Scan# 1248
 Delta R.T. -0.02 min
 Lab File: VF062130.D
 Acq: 25 Mar 2019 14:31

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0325SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.1	57.3
148	66.5	32.8	98.3

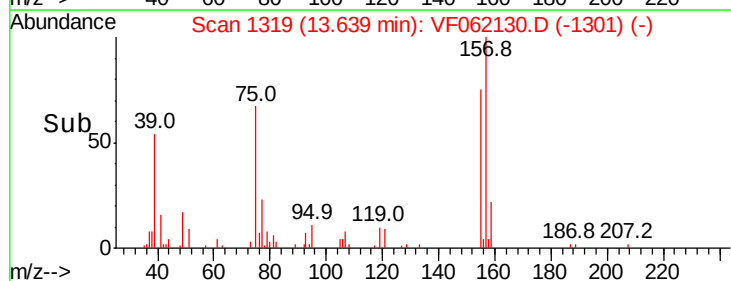
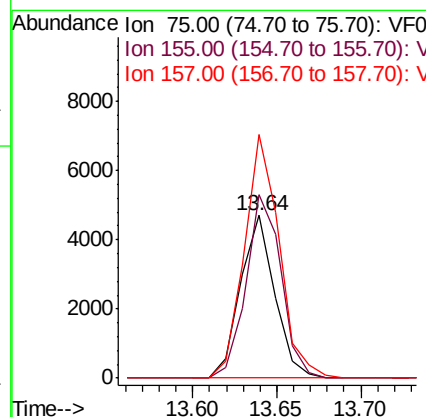
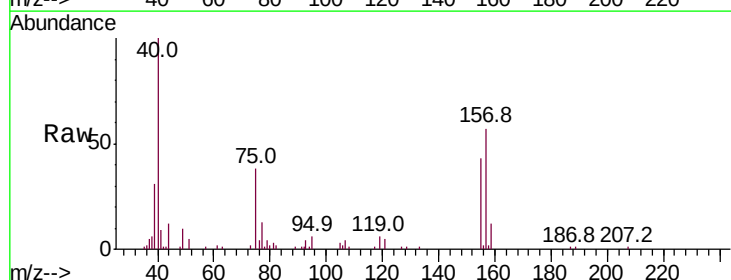
Manual Integrations
 APPROVED

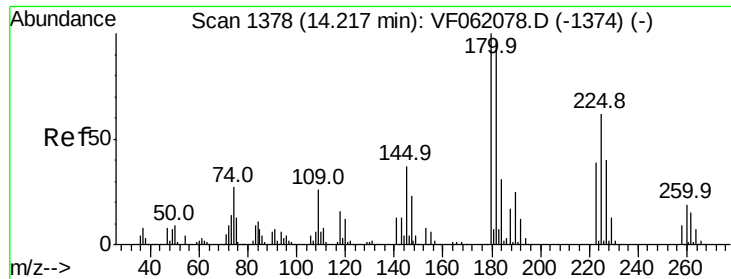
MMDadoda
 3/26/2019 3:59:24 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.288 ug/l
 RT: 13.64 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: VF062130.D
 Acq: 25 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	112.6	56.1	168.4
157	149.6	70.4	211.2





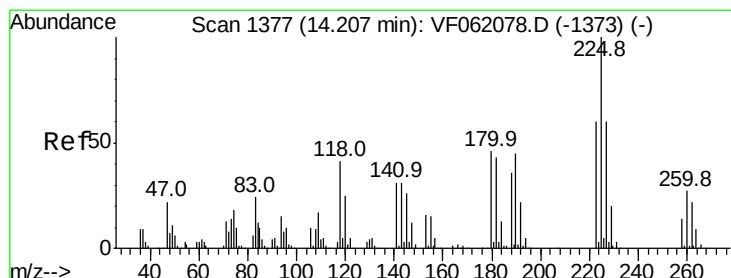
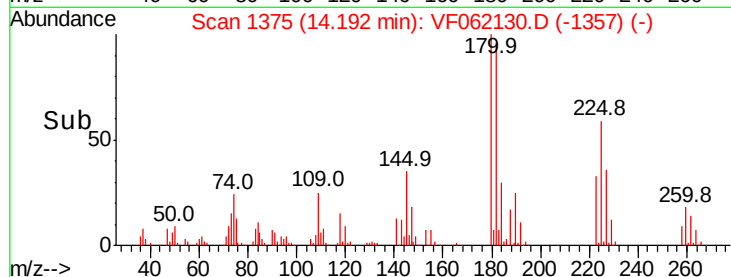
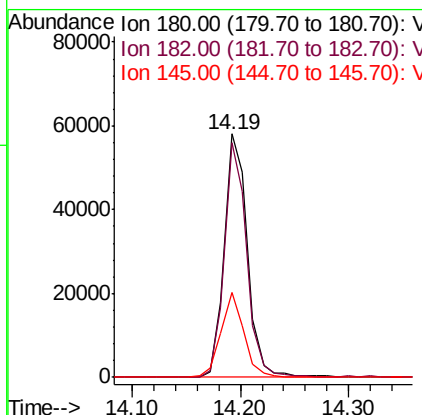
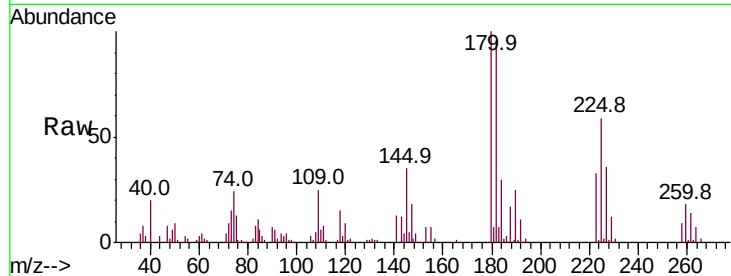
#93
 1,2,4-Trichlorobenzene
 Concen: 23.232 ug/l
 RT: 14.19 min Scan# 1375
 Delta R.T. -0.02 min
 Lab File: VF062130.D
 Acq: 25 Mar 2019 14:31

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0325SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.3	48.7	146.1	
145	34.9	18.3	54.8	

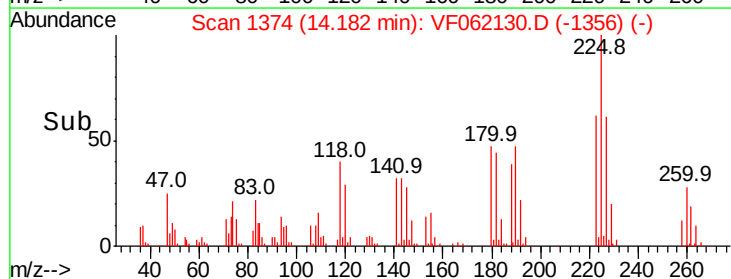
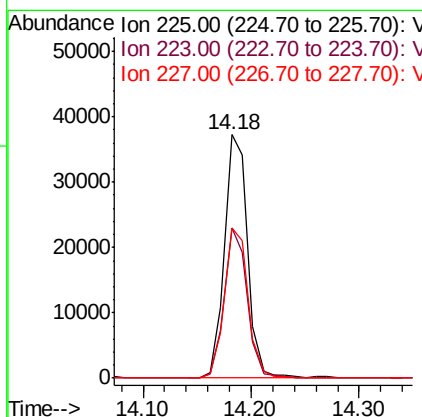
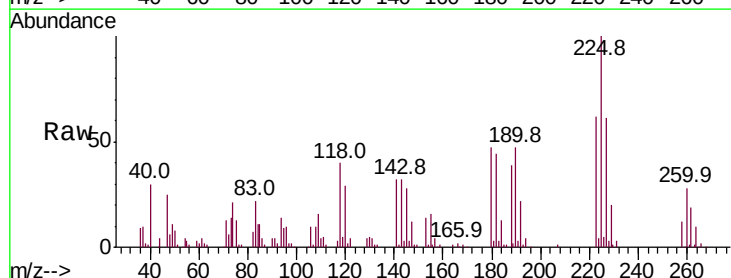
Manual Integrations
 APPROVED

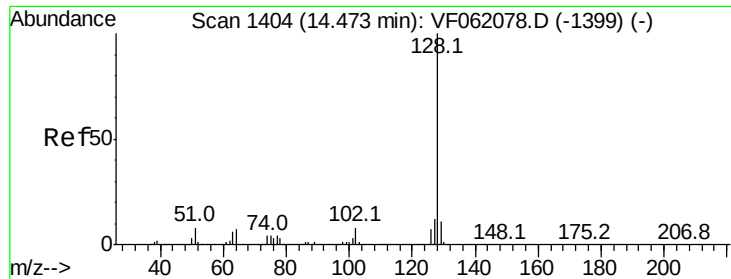
MMDadoda
 3/26/2019 3:59:24 PM



#94
 Hexachlorobutadiene
 Concen: 22.362 ug/l
 RT: 14.18 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: VF062130.D
 Acq: 25 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.7	30.0	90.0	
227	61.4	30.2	90.6	





#95

Naphthalene

Concen: 21.857 ug/l

RT: 14.45 min Scan# 1401

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Instrument :

MSVOA_F

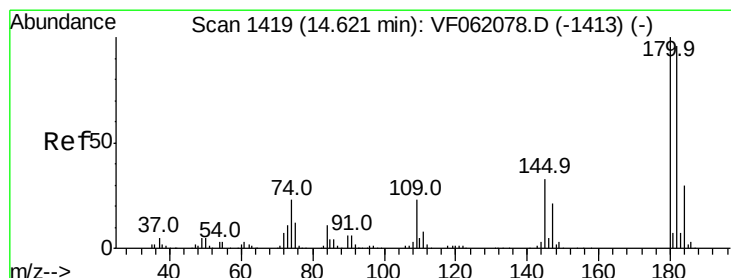
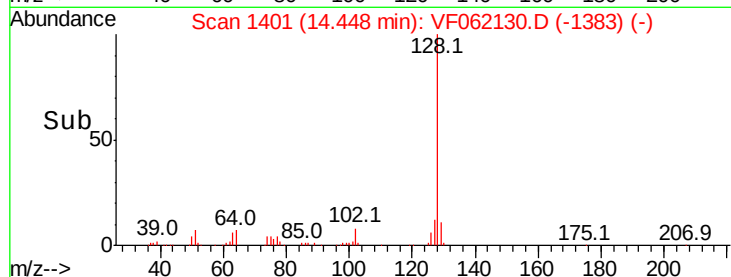
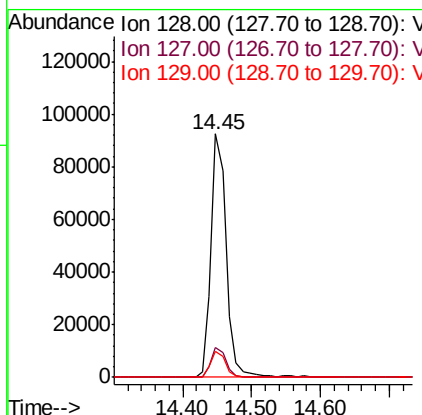
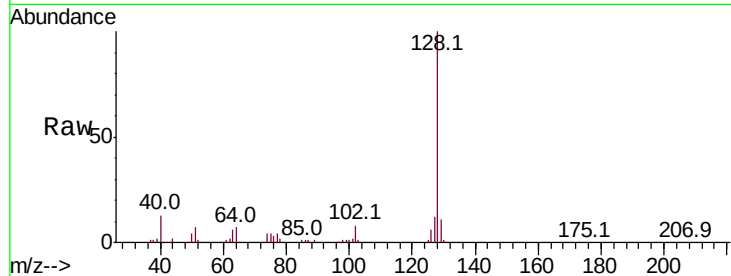
ClientSampleId :

VF0325SBS01

Tot Ion:	128	Resp:	142984
Ion Ratio	Lower	Upper	
128	100		
127	12.1	9.5	14.3
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/26/2019 3:59:24 PM



#96

1,2,3-Trichlorobenzene

Concen: 22.157 ug/l

RT: 14.60 min Scan# 1416

Delta R.T. -0.02 min

Lab File: VF062130.D

Acq: 25 Mar 2019 14:31

Tgt Ion:	180	Resp:	77425
Ion Ratio	Lower	Upper	
180	100		
182	91.3	47.9	143.7
145	31.7	16.6	49.7

