

Data File : VF058113.D
Acq On : 6 Jun 2018 18:09
Operator : JC/SY
Sample : VSTDIC075
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Manual Integrations
APPROVED

apatel
6/7/2018 12:37:49 PM

Quant Time: Jun 07 06:56:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 05:56:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	344288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	551590	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	551865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	303723	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	295846	69.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.26%	
35) Dibromofluoromethane	4.29	113	269585	65.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.80%	
50) Toluene-d8	7.71	98	846892	69.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.70%	
62) 4-Bromofluorobenzene	11.51	95	398155	65.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.98	85	272209	65.469	ug/l	99
3) Chloromethane	1.09	50	206461	62.675	ug/l	99
4) Vinyl Chloride	1.15	62	192340	69.935	ug/l	100
5) Bromomethane	1.34	94	107253	68.872	ug/l	97
6) Chloroethane	1.43	64	84604	72.215	ug/l	89
7) Trichlorofluoromethane	1.49	101	319168m	76.403	ug/l	
8) Diethyl Ether	1.70	74	72951	71.707	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	1.90	101	184811	71.779	ug/l	95
10) Methyl Iodide	1.97	142	340768m	74.442	ug/l	
11) Tert butyl alcohol	2.68	59	80771	330.114	ug/l	97
12) 1,1-Dichloroethene	1.85	96	164830	73.575	ug/l	90
13) Acrolein	2.09	56	68127	428.031	ug/l	94
14) Allyl chloride	2.19	41	313391	73.169	ug/l	98
15) Acrylonitrile	3.07	53	187189	330.935	ug/l	97
16) Acetone	2.33	43	330869	353.126	ug/l	93
17) Carbon Disulfide	1.84	76	467011	72.641	ug/l	99
18) Methyl Acetate	2.45	43	113684m	65.060	ug/l	
19) Methyl tert-butyl Ether	2.53	73	470207	67.021	ug/l	98
20) Methylene Chloride	2.27	84	164298m	71.623	ug/l	
21) trans-1,2-Dichloroethene	2.41	96	170211	70.382	ug/l	97
22) Diisopropyl ether	2.91	45	610880	72.859	ug/l	97
23) Vinyl Acetate	3.33	43	1910975	311.075	ug/l	99
24) 1,1-Dichloroethane	2.99	63	364425	70.168	ug/l	99
25) 2-Butanone	4.50	43	467858	307.820	ug/l	99
26) 2,2-Dichloropropane	3.75	77	255225	69.533	ug/l	95
27) cis-1,2-Dichloroethene	3.63	96	265072	65.913	ug/l	95
28) Bromochloromethane	3.88	49	147571	64.316	ug/l #	90
29) Tetrahydrofuran	4.25	42	201296	286.920	ug/l	98
30) Chloroform	4.04	83	512017	65.717	ug/l	96
31) Cyclohexane	3.87	56	313310	64.098	ug/l	98
32) 1,1,1-Trichloroethane	4.28	97	379435	68.611	ug/l	97
36) 1,1-Dichloropropene	4.46	75	385052	69.022	ug/l	97
37) Ethyl Acetate	4.29	43	202104	61.439	ug/l	91
38) Carbon Tetrachloride	4.17	117	420171m	70.893	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	379148	65.773	ug/l	98
40) Benzene	4.81	78	851203	65.170	ug/l	97
41) Methacrylonitrile	4.92	41	105792	63.506	ug/l	98
42) 1,2-Dichloroethane	5.11	62	370149	65.996	ug/l	100
43) Isopropyl Acetate	7.10	43	283249	63.512	ug/l	99
44) Trichloroethene	5.67	130	256842	63.135	ug/l	94
45) 1,2-Dichloropropane	6.39	63	242433	63.849	ug/l	99
46) Dibromomethane	6.25	93	181059	63.171	ug/l	95
47) Bromodichloromethane	6.54	83	423528	66.973	ug/l	98
48) Methyl methacrylate	6.87	41	189149	67.099	ug/l	97
49) 1,4-Dioxane	6.87	88	27461	1411.743	ug/l	94
51) 4-Methyl-2-Pentanone	8.41	43	933408	301.499	ug/l	99
52) Toluene	7.77	92	616066	66.431	ug/l	97
53) t-1,3-Dichloropropene	8.43	75	388452	64.294	ug/l	100
54) cis-1,3-Dichloropropene	7.46	75	474123	68.304	ug/l	97
55) 1,1,2-Trichloroethane	8.63	97	216495	64.211	ug/l	92
56) Ethyl methacrylate	8.76	69	280037	65.675	ug/l	98
57) 1,3-Dichloropropane	9.00	76	377299	64.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.77	63	98436	333.920	ug/l	100
59) 2-Hexanone	9.63	43	746426	307.905	ug/l	98
60) Dibromochloromethane	8.86	129	324273	67.639	ug/l	99
61) 1,2-Dibromoethane	9.13	107	258462	64.252	ug/l	97
64) Tetrachloroethene	8.31	164	263188	63.180	ug/l	94
65) Chlorobenzene	9.94	112	752951	67.338	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.07	131	279272	63.896	ug/l	98
67) Ethyl Benzene	10.04	91	1227504	62.460	ug/l	99
68) m/p-Xylenes	10.27	106	903324	123.977	ug/l	97
69) o-Xylene	10.83	106	525961	66.276	ug/l	97
70) Styrene	10.90	104	762478	64.077	ug/l	99
71) Bromoform	10.89	173	192819	64.148	ug/l #	95
73) Isopropylbenzene	11.22	105	1425326	66.082	ug/l	99
74) N-amyl acetate	11.46	43	491547	61.113	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.79	83	322284	62.378	ug/l	97
76) 1,2,3-Trichloropropane	11.88	75	231564	61.422	ug/l	97
77) Bromobenzene	11.60	156	348352	64.811	ug/l	84
78) n-propylbenzene	11.69	91	1663520	64.547	ug/l	98
79) 2-Chlorotoluene	11.82	91	968613	63.620	ug/l	99
80) 1,3,5-Trimethylbenzene	11.91	105	1181252	66.063	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.95	75	153405	64.247	ug/l	98
82) 4-Chlorotoluene	11.99	91	1057718	65.875	ug/l	97
83) tert-Butylbenzene	12.21	119	1193518	66.739	ug/l	98
84) 1,2,4-Trimethylbenzene	12.29	105	1208152	65.132	ug/l	99
85) sec-Butylbenzene	12.39	105	1570427	64.829	ug/l	99
86) p-Isopropyltoluene	12.54	119	1267727	62.776	ug/l	99
87) 1,3-Dichlorobenzene	12.56	146	613293	61.895	ug/l	98
88) 1,4-Dichlorobenzene	12.64	146	646597	67.971	ug/l	99
89) n-Butylbenzene	12.92	91	1323094	62.862	ug/l	98
90) Hexachloroethane	13.00	117	335582	68.904	ug/l	67
91) 1,2-Dichlorobenzene	13.02	146	623113	64.782	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.71	75	64450	65.401	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF060618\
Quantitation Report (QT Reviewed)

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	443448	65.733	ug/l	98
94) Hexachlorobutadiene	14.25	225	268438	68.924	ug/l	96
95) Naphthalene	14.52	128	939251	65.220	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	413212	65.012	ug/l	99

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

Data File : VF058113.D

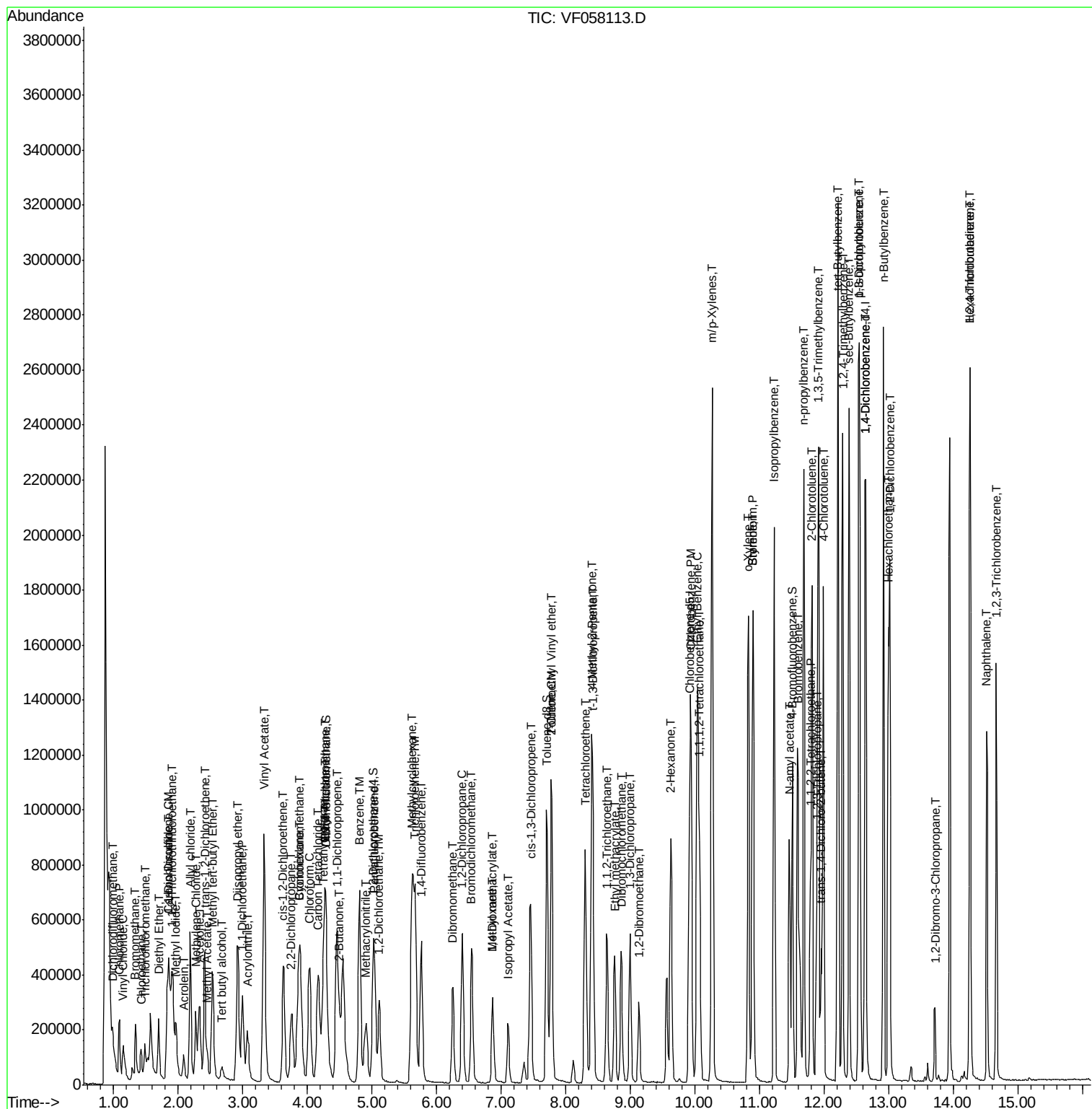
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Acq On       : 6 Jun 2018 18:09
Operator     : JC/SY
Sample       : VSTDICC075
Misc         : 5.00g/5mL/MSV0A-F/SOIL
ALS Vial     : 7 Sample Multiplier: 1
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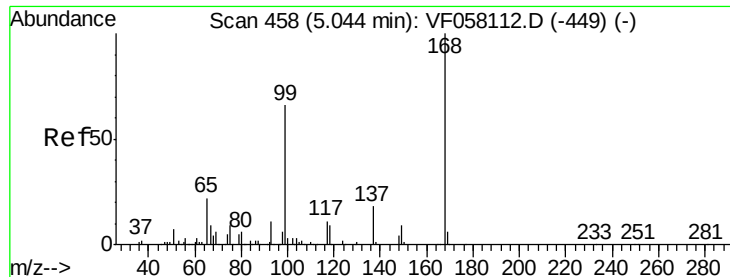
Instrument :
MSVOA_F
ClientSampleId :
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Manual Integrations
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Quant Time: Jun 07 06:56:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 05:56:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tgt Ion: 168 Resp: 344288

Ion Ratio Lower Upper

168 100

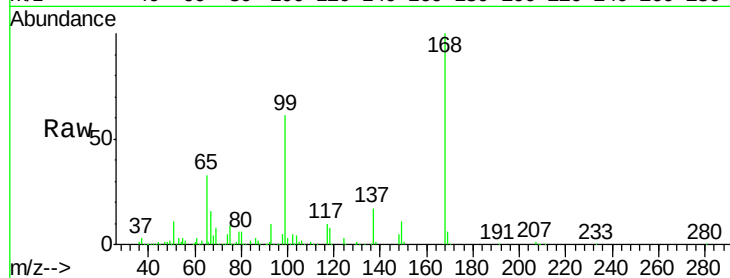
99 61.0 52.9 79.3

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

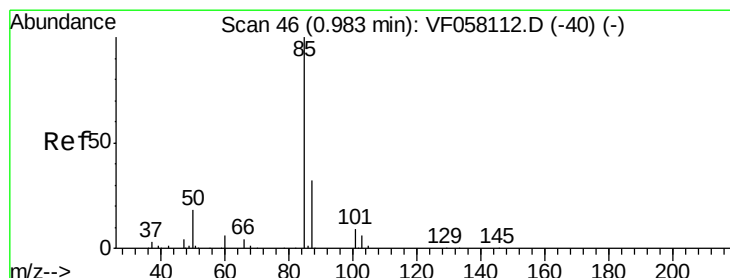
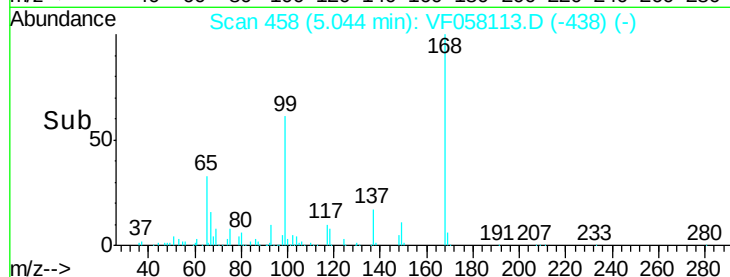
5.04

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 65.469 ug/l

RT: 0.98 min Scan# 46

Delta R.T. -0.00 min

Lab File: VF058113.D

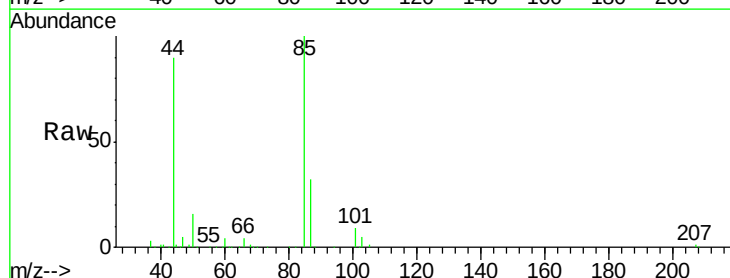
Acq: 6 Jun 2018 18:09

Tgt Ion: 85 Resp: 272209

Ion Ratio Lower Upper

85 100

87 31.7 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.98

80000

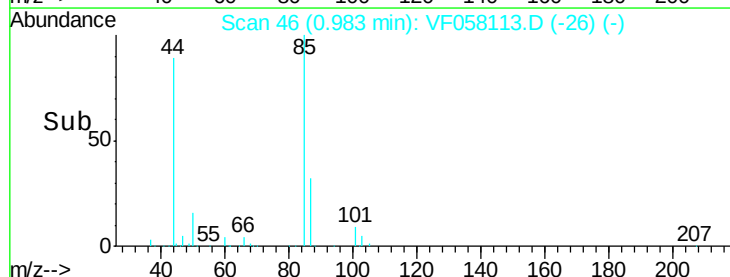
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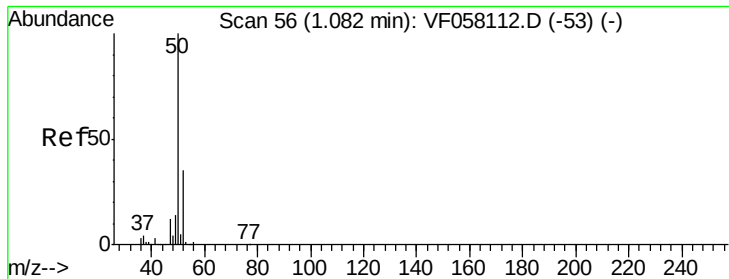
40000

20000

0

Time-->





#3

Chloromethane

Concen: 62.675 ug/l

RT: 1.09 min Scan# 57

Delta R.T. 0.01 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tgt Ion: 50 Resp: 206461

Ion Ratio Lower Upper

50 100

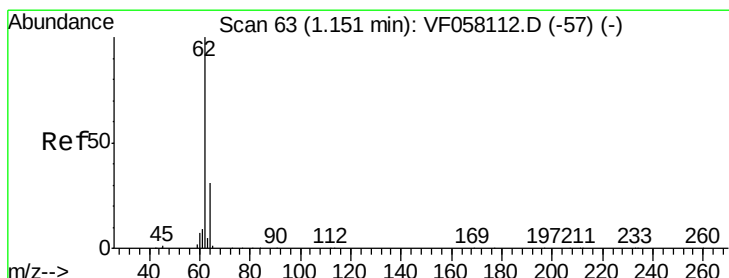
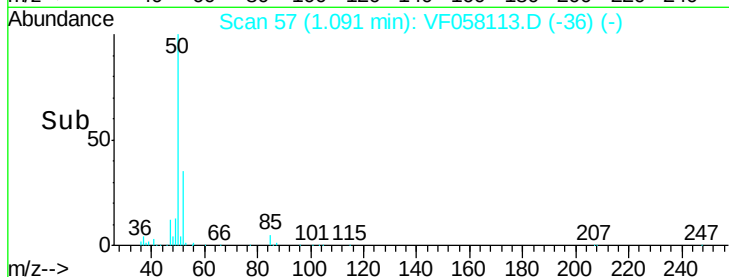
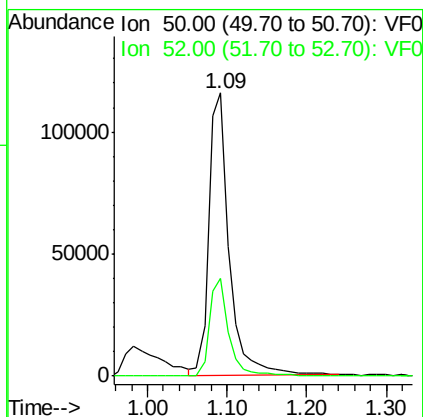
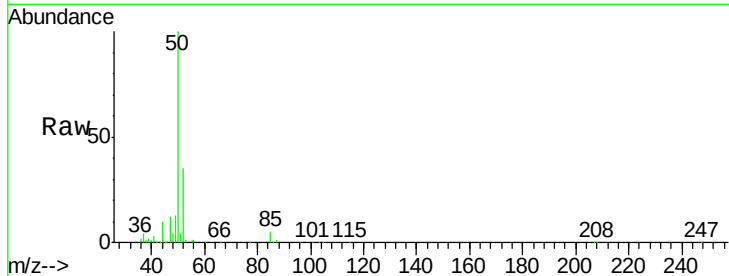
52 34.7 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 69.935 ug/l

RT: 1.15 min Scan# 63

Delta R.T. -0.00 min

Lab File: VF058113.D

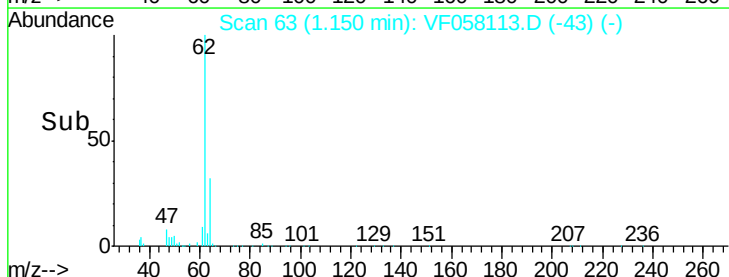
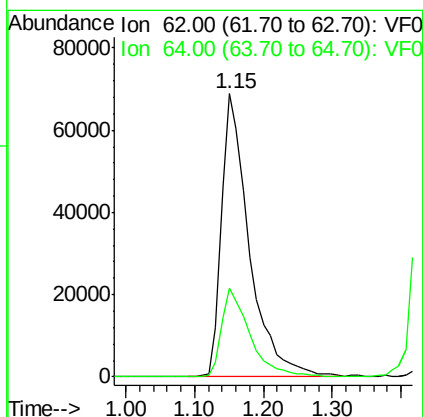
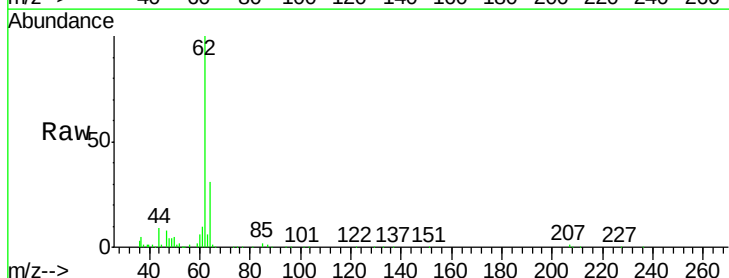
Acq: 6 Jun 2018 18:09

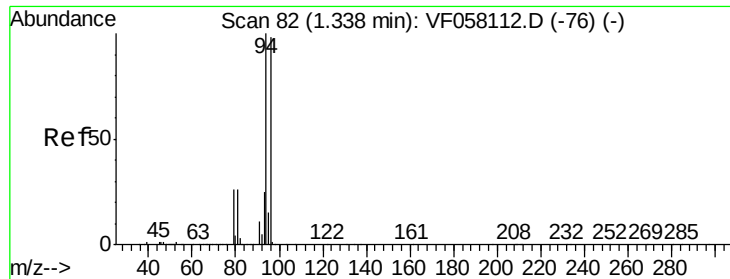
Tgt Ion: 62 Resp: 192340

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.6





#5

Bromomethane

Concen: 68.872 ug/l

RT: 1.34 min Scan# 82

Delta R.T. -0.00 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tgt Ion: 94 Resp: 107253

Ion Ratio Lower Upper

94 100

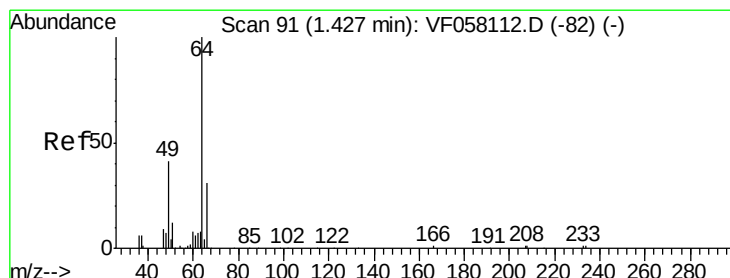
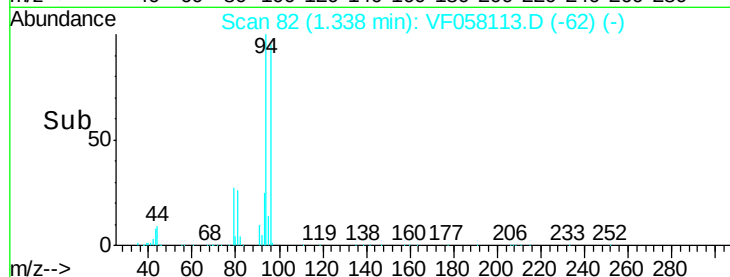
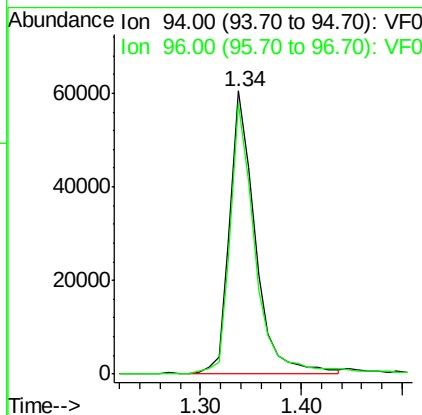
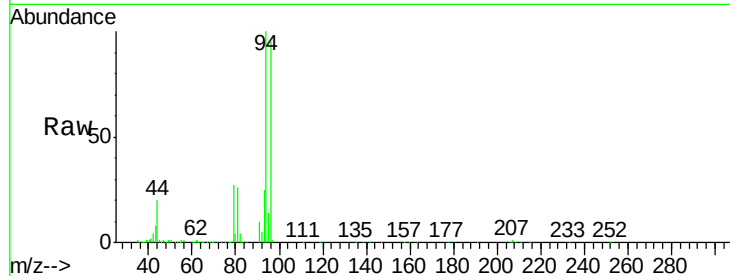
96 95.5 78.6 117.8

Manual Integrations

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#6

Chloroethane

Concen: 72.215 ug/l

RT: 1.43 min Scan# 91

Delta R.T. -0.00 min

Lab File: VF058113.D

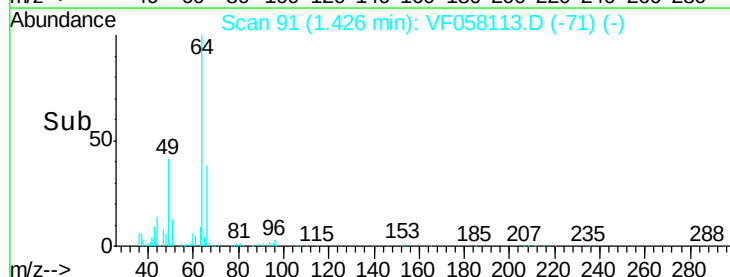
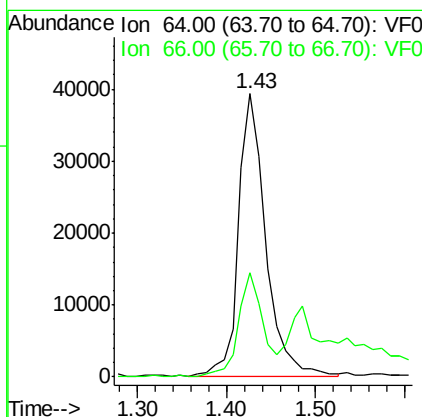
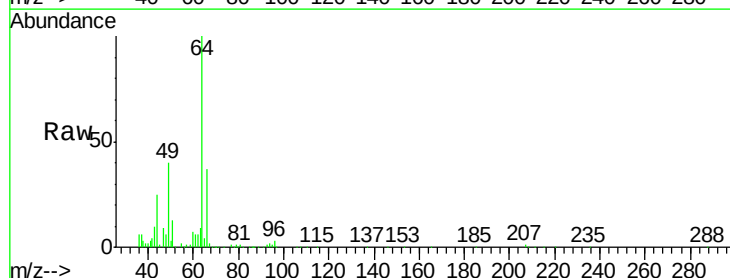
Acq: 6 Jun 2018 18:09

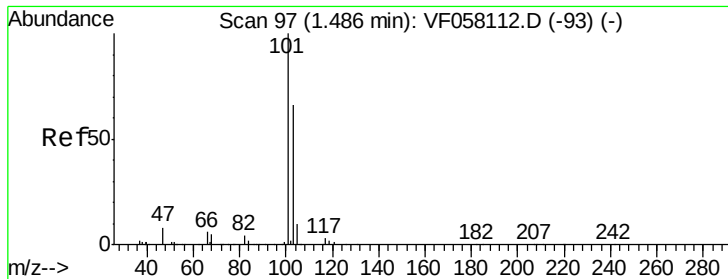
Tgt Ion: 64 Resp: 84604

Ion Ratio Lower Upper

64 100

66 37.0 24.9 37.3





#7

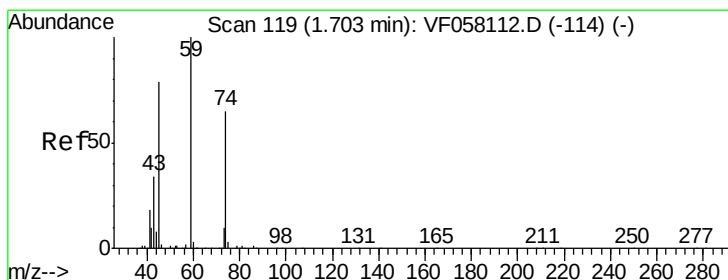
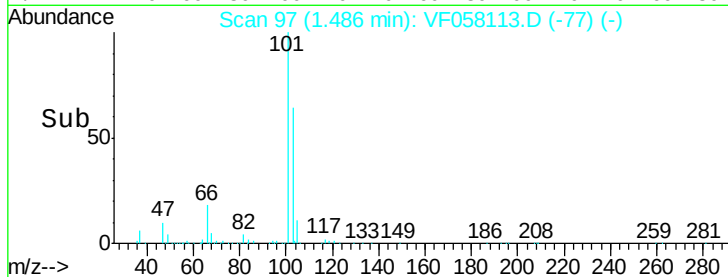
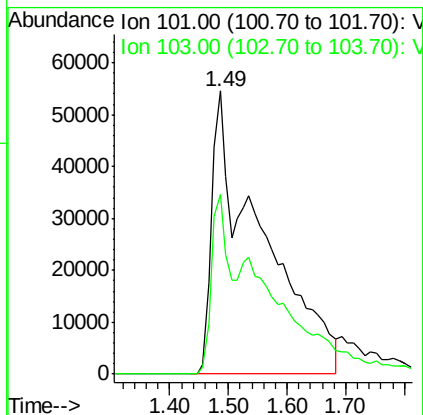
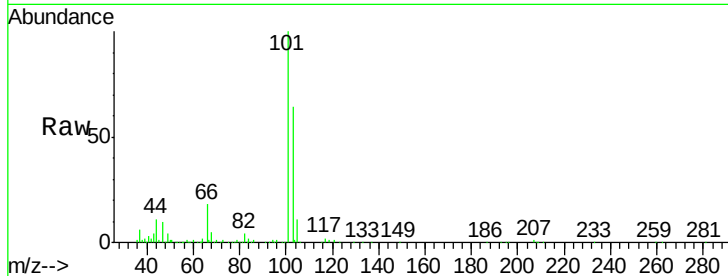
Trichlorofluoromethane
Concen: 76.403 ug/l m
RT: 1.49 min Scan# 97
Delta R.T. -0.00 min
Lab File: VF058113.D
Acq: 6 Jun 2018 18:09

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tgt Ion: 101 Resp: 319168
Ion Ratio Lower Upper
101 100
103 63.7 53.4 80.2

Manual Integrations
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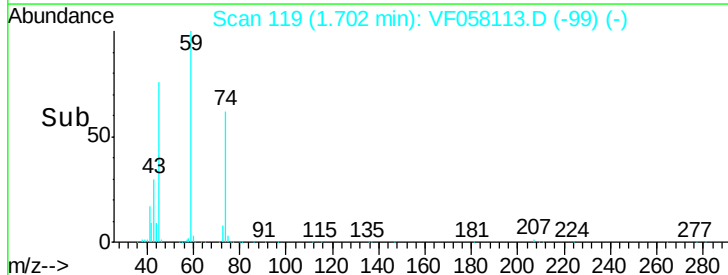
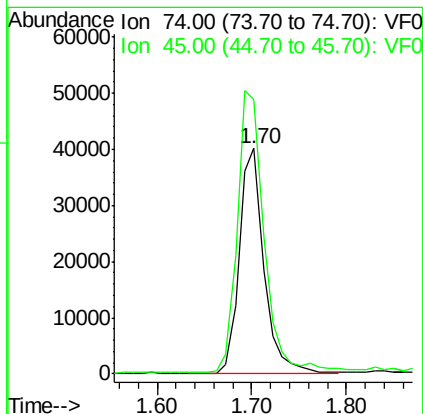
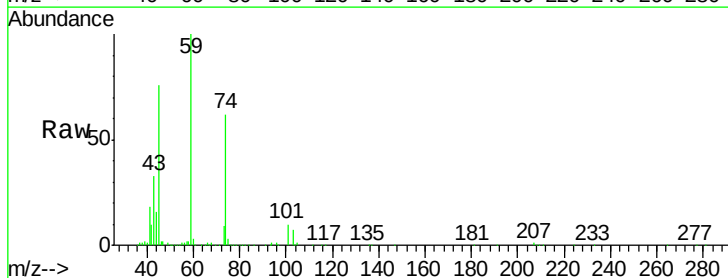
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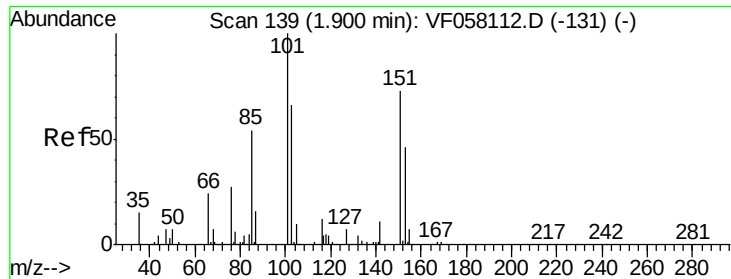


#8

Diethyl Ether
Concen: 71.707 ug/l
RT: 1.70 min Scan# 119
Delta R.T. -0.00 min
Lab File: VF058113.D
Acq: 6 Jun 2018 18:09

Tgt Ion: 74 Resp: 72951
Ion Ratio Lower Upper
74 100
45 121.4 61.5 184.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 71.779 ug/l

RT: 1.90 min Scan# 139

Delta R.T. -0.00 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Instrument :

MSVOA_F

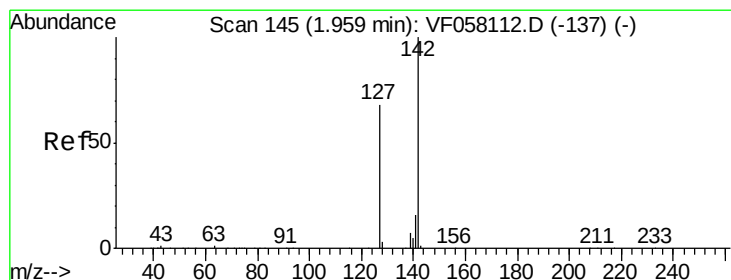
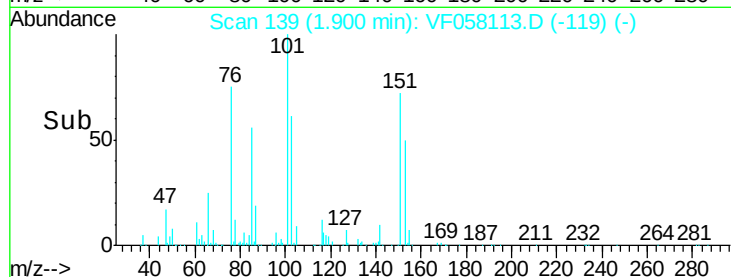
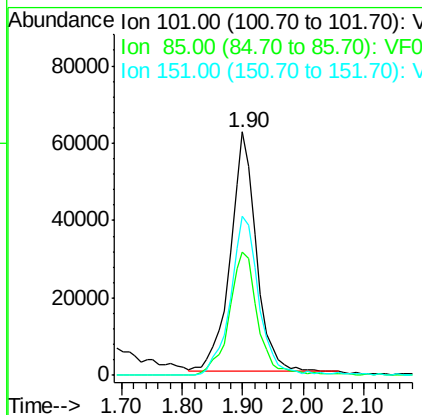
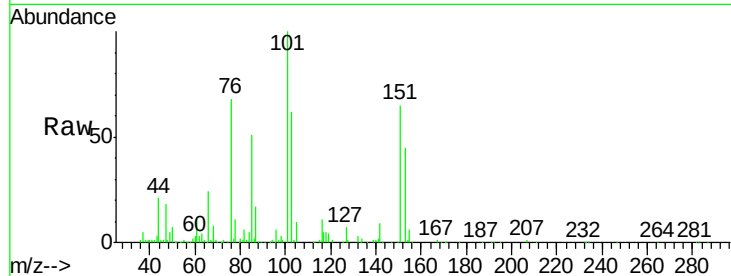
ClientSampleId :

VSTDIC075

Tgt Ion:	101	Resp:	184811
Ion Ratio	Lower	Upper	
101	100		
85	50.7	42.2	63.4
151	65.1	56.8	85.2

Manual Integrations
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#10

Methyl Iodide

Concen: 74.442 ug/l m

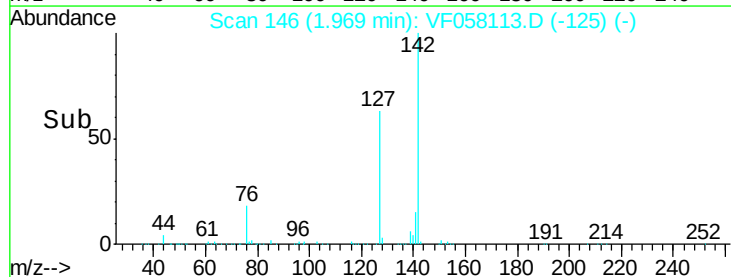
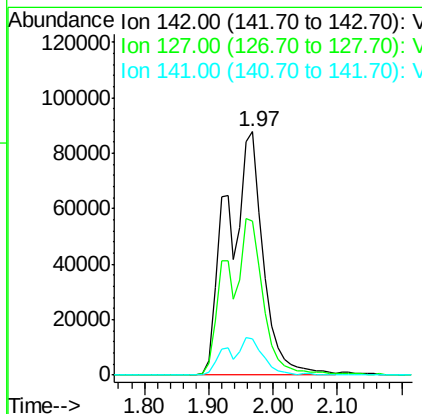
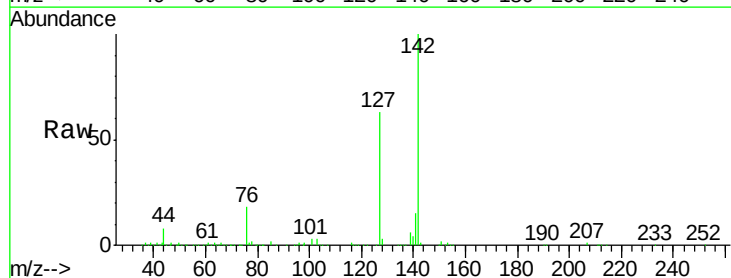
RT: 1.97 min Scan# 146

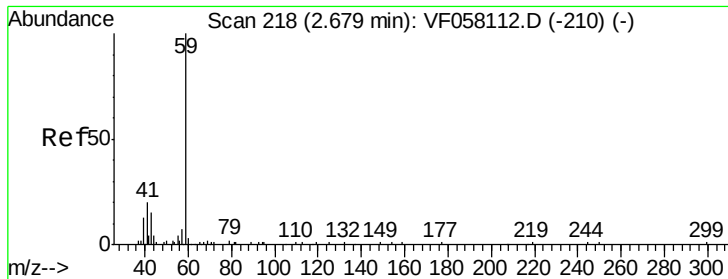
Delta R.T. 0.01 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Tgt Ion:	142	Resp:	340768
Ion Ratio	Lower	Upper	
142	100		
127	63.3	54.1	81.1
141	14.8	13.0	19.4





#11

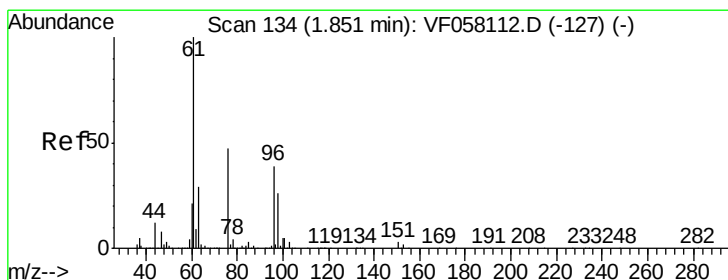
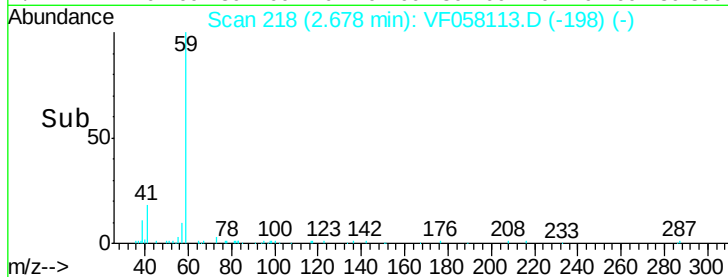
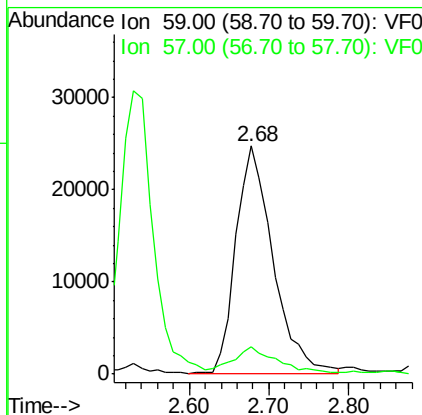
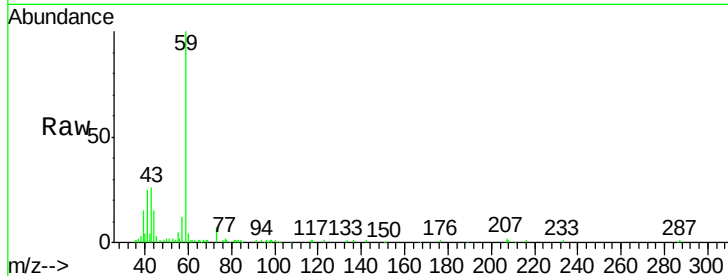
Tert butyl alcohol
Concen: 330.114 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.00 min
Lab File: VF058113.D
Acq: 6 Jun 2018 18:09

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
59	100		
57	12.0	8.7	13.1

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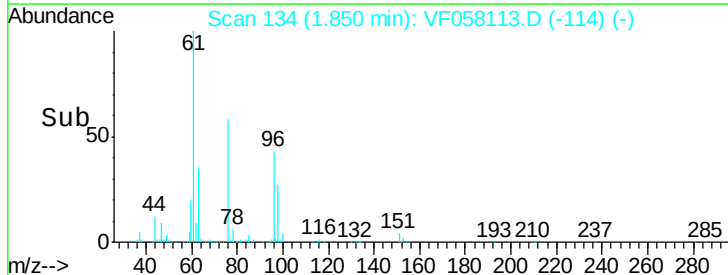
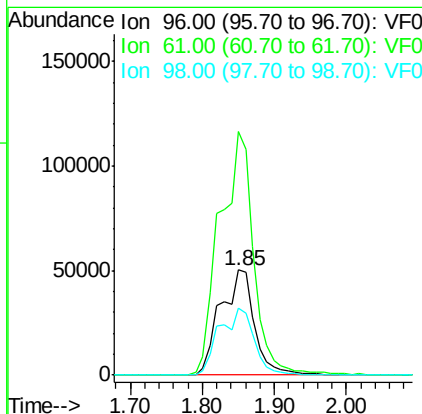
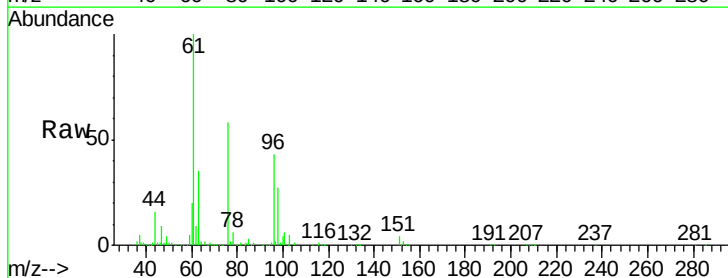
apatel
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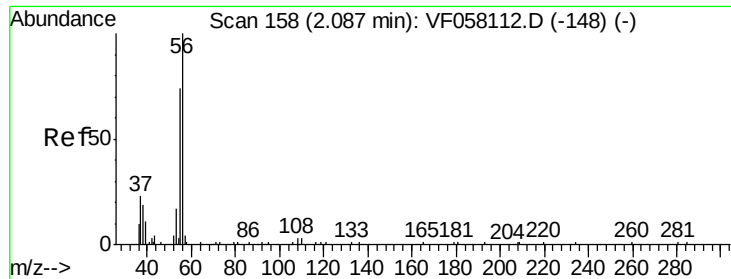


#12

1,1-Dichloroethene
Concen: 73.575 ug/l
RT: 1.85 min Scan# 134
Delta R.T. -0.00 min
Lab File: VF058113.D
Acq: 6 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	231.9	203.0	304.4
98	63.8	52.7	79.1





#13

Acrolein

Concen: 428.031 ug/l

RT: 2.09 min Scan# 158

Delta R.T. -0.00 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tgt Ion: 56 Resp: 68127

Ion Ratio Lower Upper

56 100

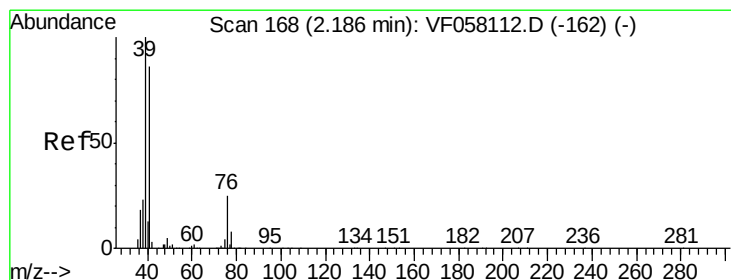
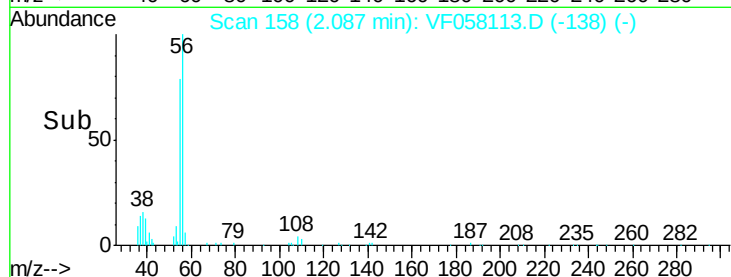
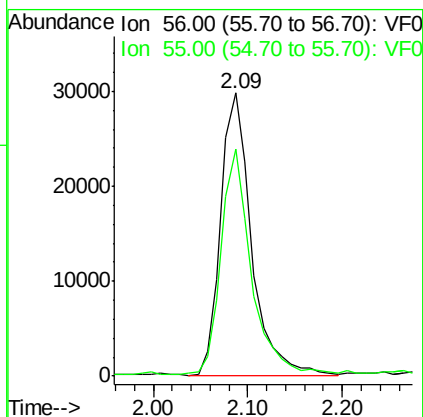
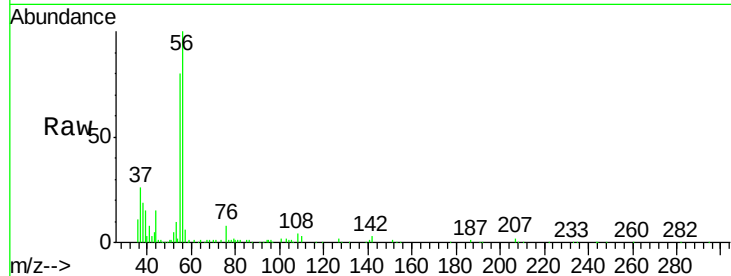
55 80.0 60.0 90.0

Manual Integrations

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#14

Allyl chloride

Concen: 73.169 ug/l

RT: 2.19 min Scan# 168

Delta R.T. -0.00 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

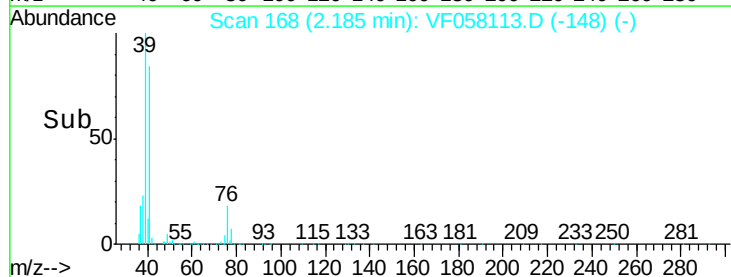
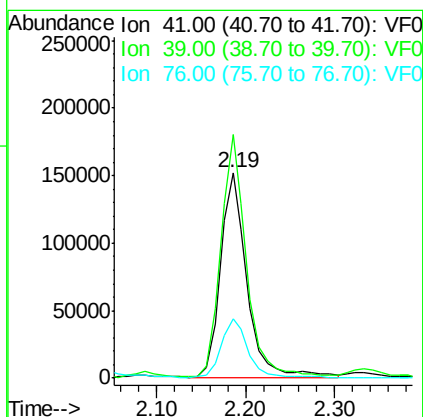
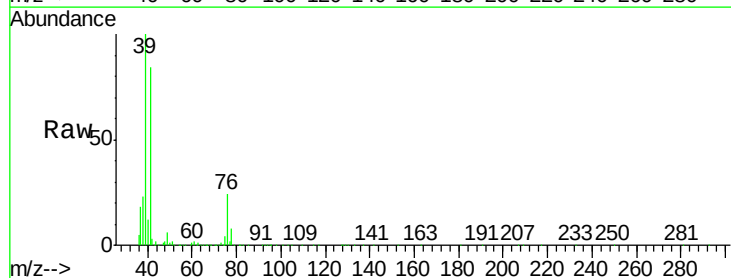
Tgt Ion: 41 Resp: 313391

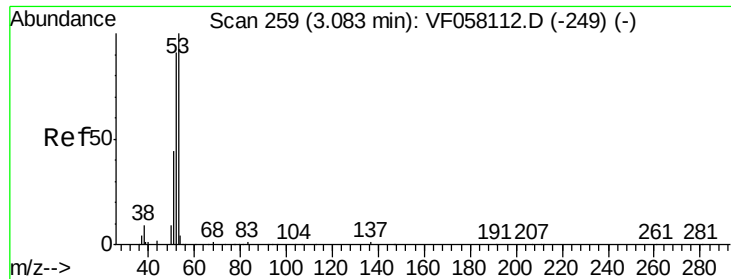
Ion Ratio Lower Upper

41 100

39 118.6 93.5 140.3

76 29.0 23.9 35.9





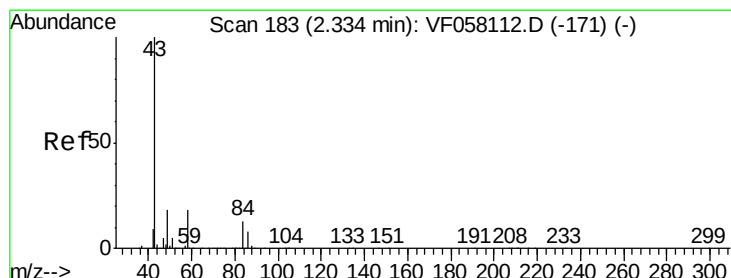
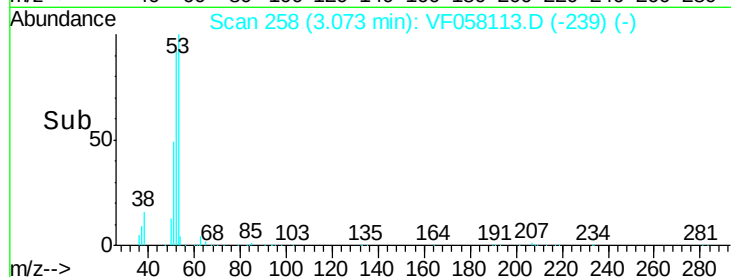
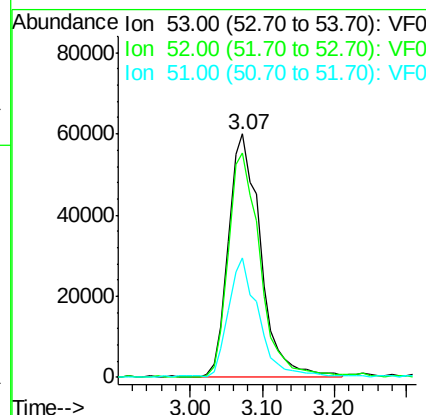
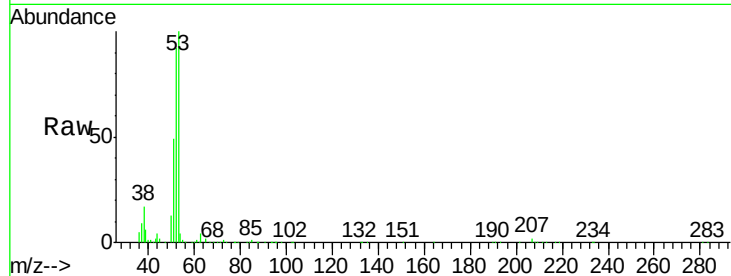
#15
 Acrylonitrile
 Concen: 330.935 ug/l
 RT: 3.07 min Scan# 258
 Delta R.T. -0.01 min
 Lab File: VF058113.D
 Acq: 6 Jun 2018 18:09

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
53	100		
52	91.9	73.2	109.8
51	49.3	35.6	53.4

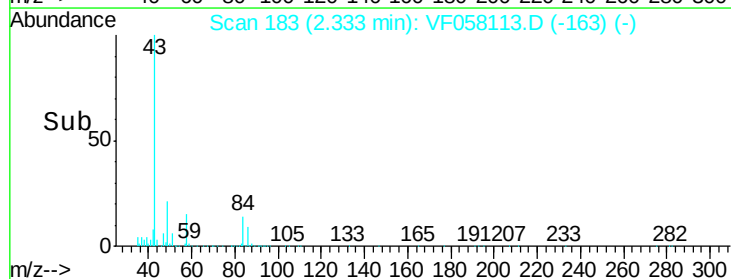
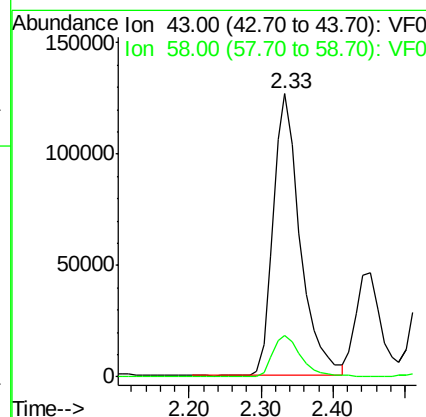
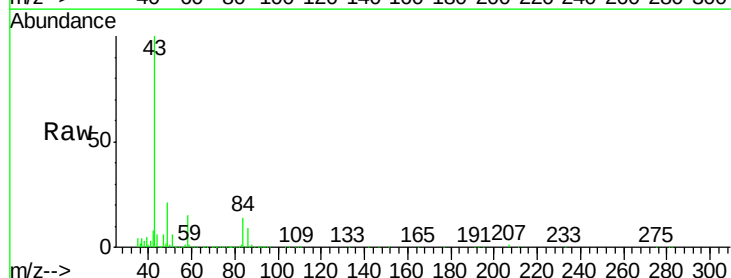
Manual Integrations
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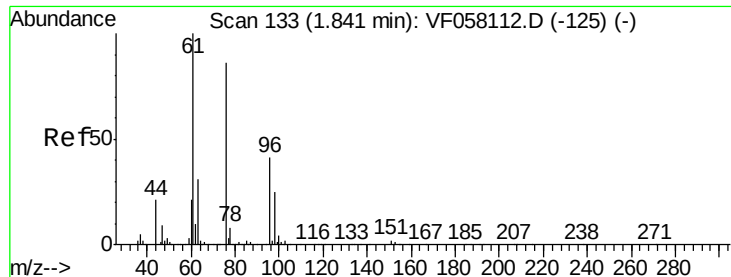
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#16
 Acetone
 Concen: 353.126 ug/l
 RT: 2.33 min Scan# 183
 Delta R.T. -0.00 min
 Lab File: VF058113.D
 Acq: 6 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
43	100		
58	14.9	14.4	21.6





#17

Carbon Disulfide

Concen: 72.641 ug/l

RT: 1.84 min Scan# 133

Delta R.T. -0.00 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tgt Ion: 76 Resp: 467011

Ion Ratio Lower Upper

76 100

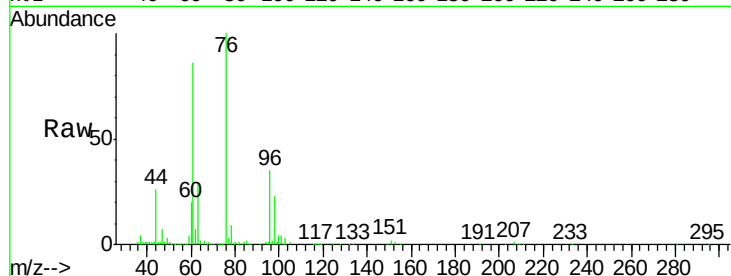
78 9.3 7.8 11.8

Manual Integrations

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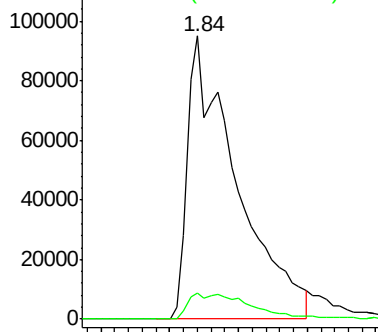
apatel

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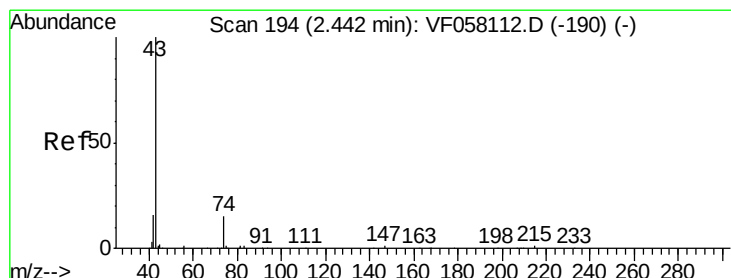
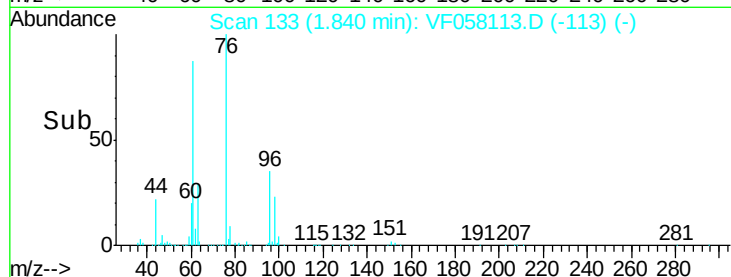


Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



Time-->



#18

Methyl Acetate

Concen: 65.060 ug/l m

RT: 2.45 min Scan# 195

Delta R.T. 0.01 min

Lab File: VF058113.D

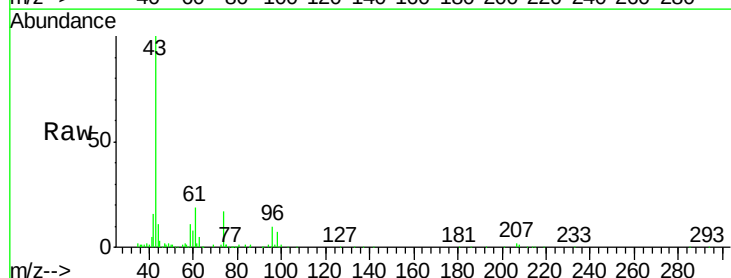
Acq: 6 Jun 2018 18:09

Tgt Ion: 43 Resp: 113684

Ion Ratio Lower Upper

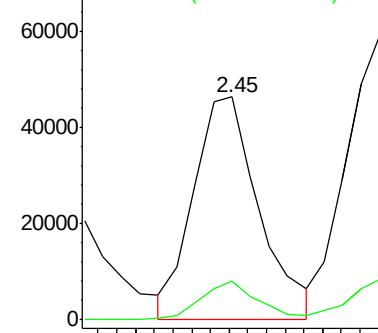
43 100

74 17.2 10.9 16.3#

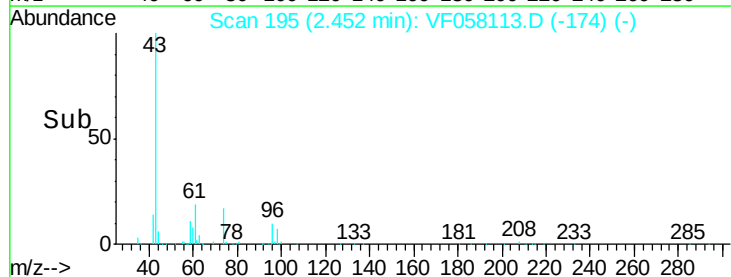


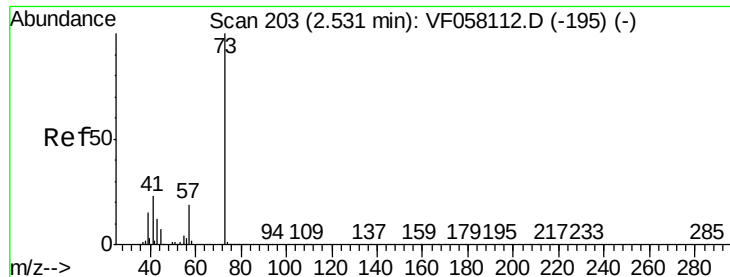
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0



Time-->





#19

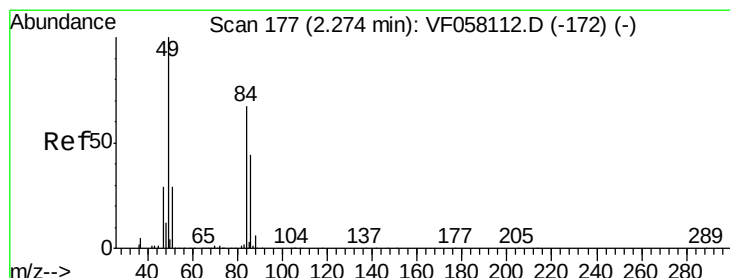
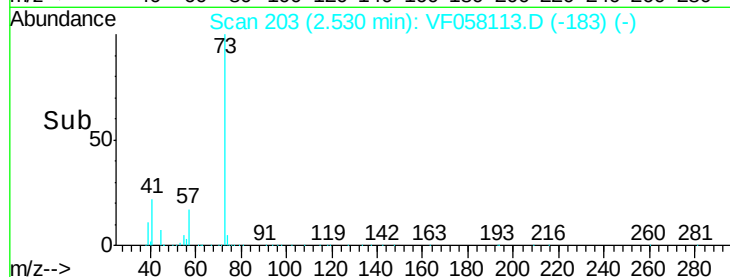
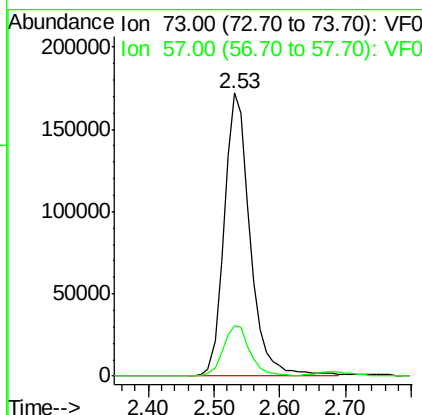
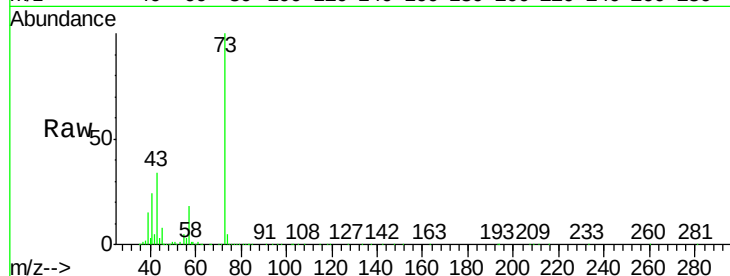
Methyl tert-butyl Ether
 Concen: 67.021 ug/l
 RT: 2.53 min Scan# 203
 Delta R.T. -0.00 min
 Lab File: VF058113.D
 Acq: 6 Jun 2018 18:09

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
73	100		
57	17.8	15.0	22.4

Manual Integrations
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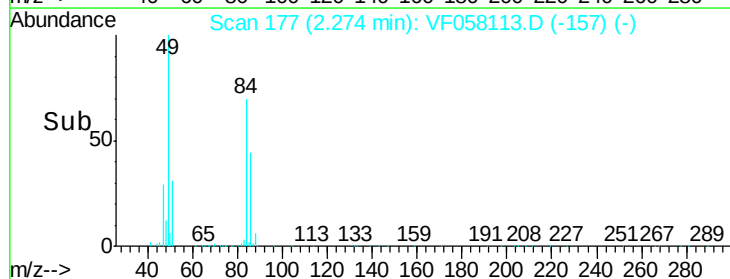
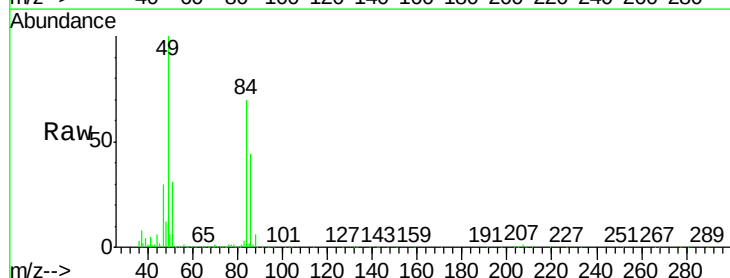
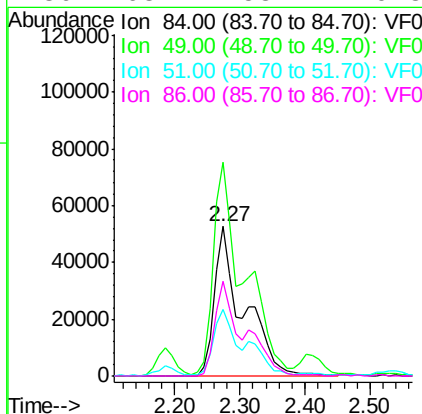
apatel
 6/7/2018 12:37:49 PM

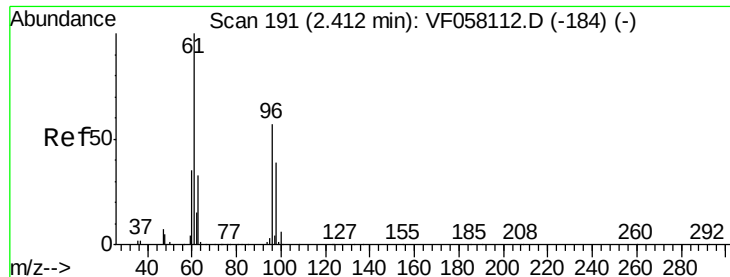


#20

Methylene Chloride
 Concen: 71.623 ug/l m
 RT: 2.27 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VF058113.D
 Acq: 6 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	142.9	121.0	181.4
51	44.3	35.8	53.6
86	63.2	53.2	79.8





#21

trans-1,2-Dichloroethene

Concen: 70.382 ug/l

RT: 2.41 min Scan# 191

Delta R.T. -0.00 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Instrument :

MSVOA_F

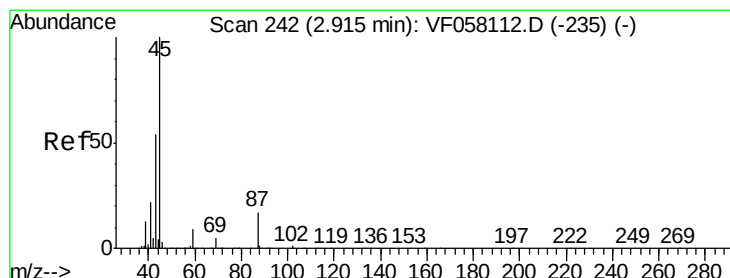
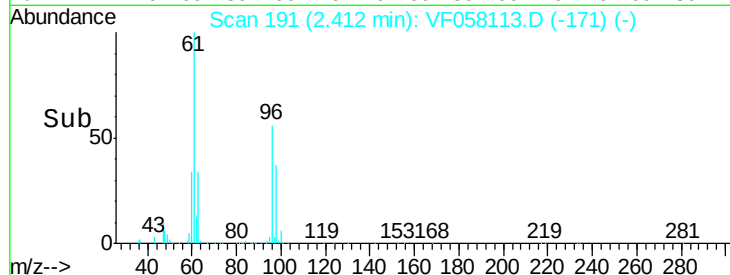
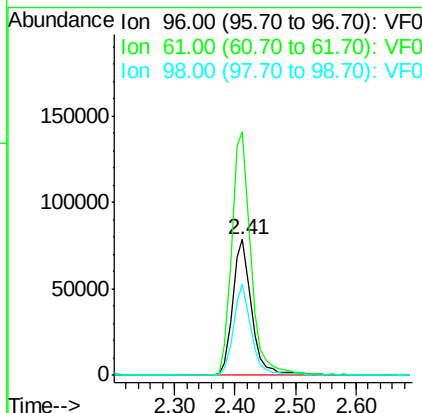
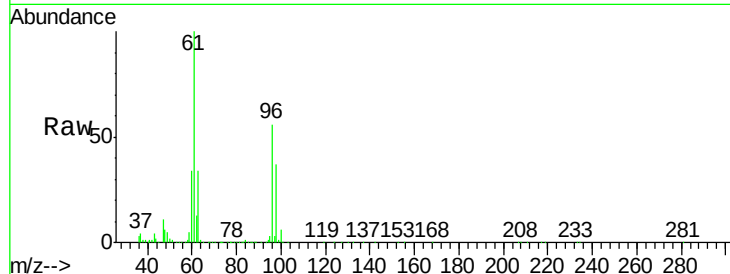
ClientSampleId :

VSTDIC075

Tgt Ion:	96	Resp:	170211
Ion	Ratio	Lower	Upper
96	100		
61	179.7	139.4	209.2
98	67.1	54.0	81.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 72.859 ug/l

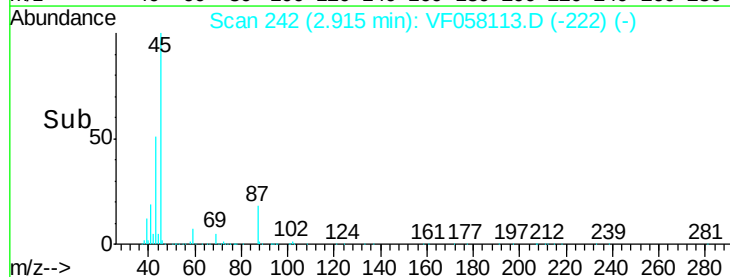
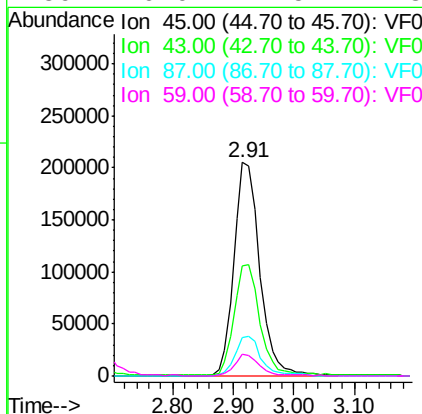
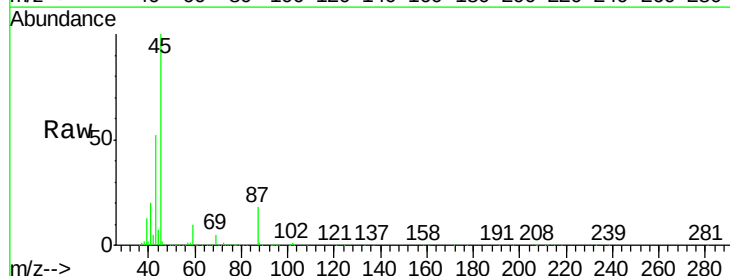
RT: 2.91 min Scan# 242

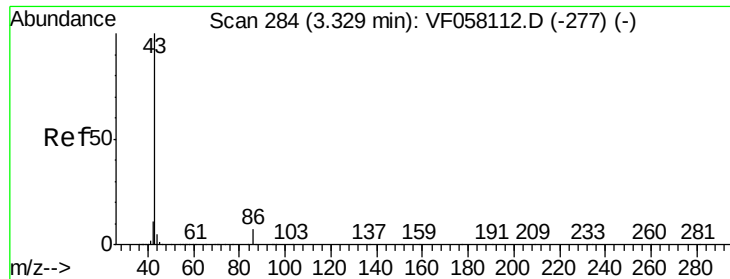
Delta R.T. -0.00 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Tgt Ion:	45	Resp:	610880
Ion	Ratio	Lower	Upper
45	100		
43	51.7	43.2	64.8
87	17.8	13.8	20.6
59	10.0	7.5	11.3





#23

Vinyl Acetate

Concen: 311.075 ug/l

RT: 3.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 1910975

Ion Ratio Lower Upper

43 100

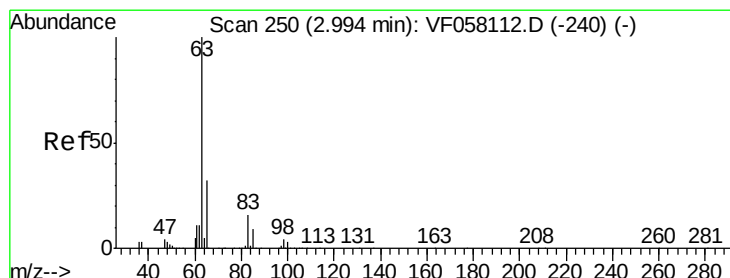
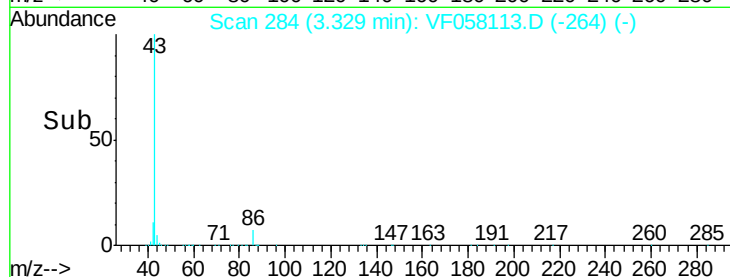
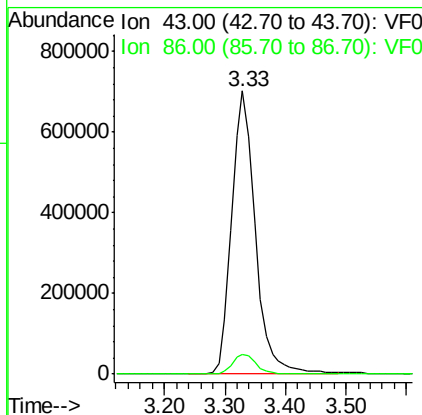
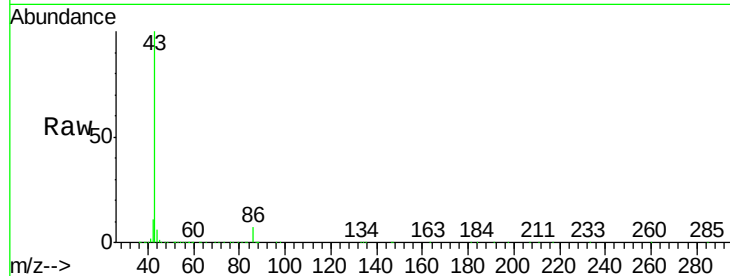
86 7.1 6.0 9.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 70.168 ug/l

RT: 2.99 min Scan# 250

Delta R.T. -0.00 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

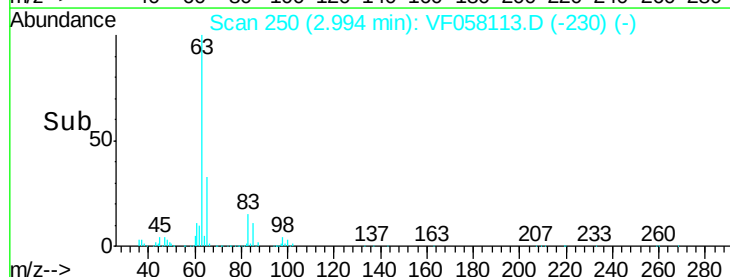
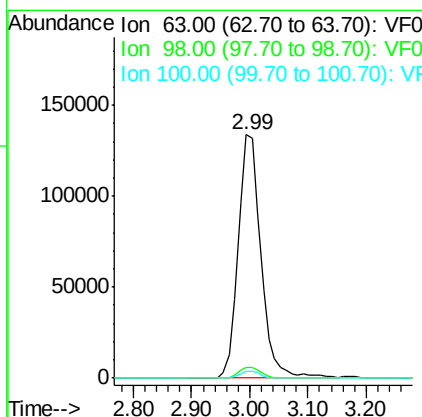
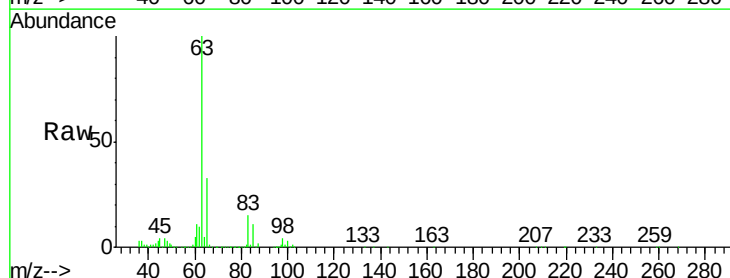
Tgt Ion: 63 Resp: 364425

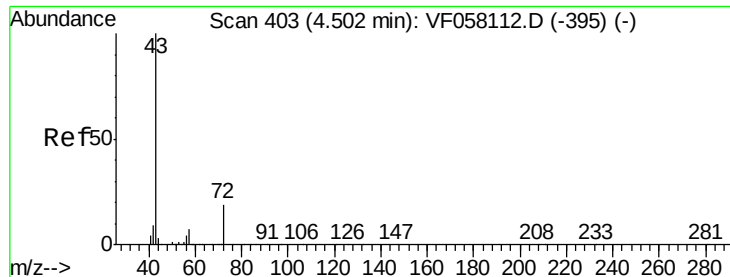
Ion Ratio Lower Upper

63 100

98 4.5 2.0 6.0

100 2.8 1.4 4.0





#25

2-Butanone

Concen: 307.820 ug/l

RT: 4.50 min Scan# 403

Delta R.T. -0.00 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 467858

Ion Ratio Lower Upper

43 100

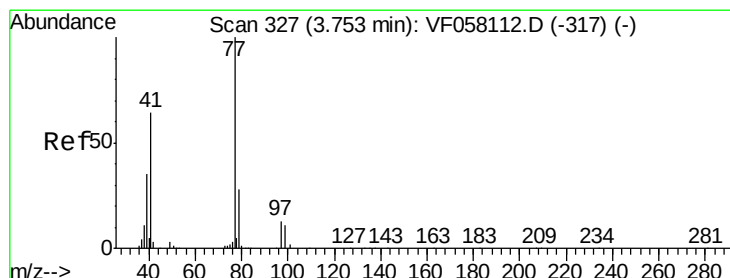
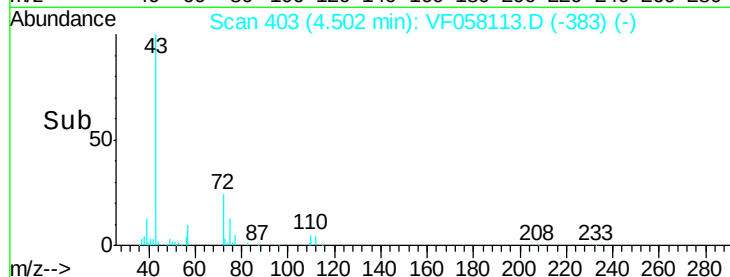
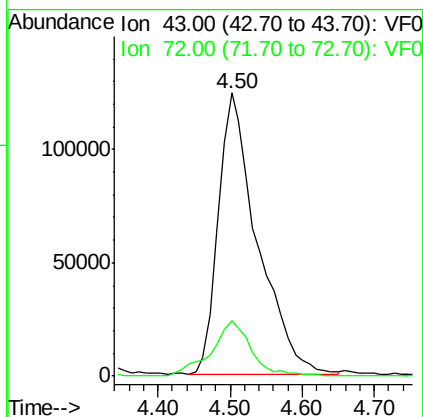
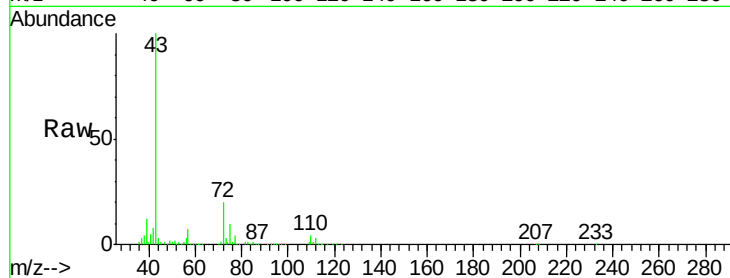
72 19.7 16.1 24.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 69.533 ug/l

RT: 3.75 min Scan# 327

Delta R.T. -0.00 min

Lab File: VF058113.D

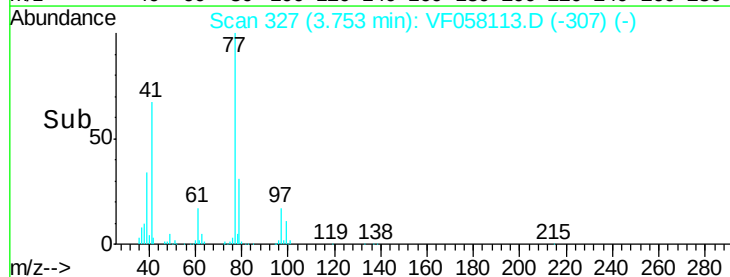
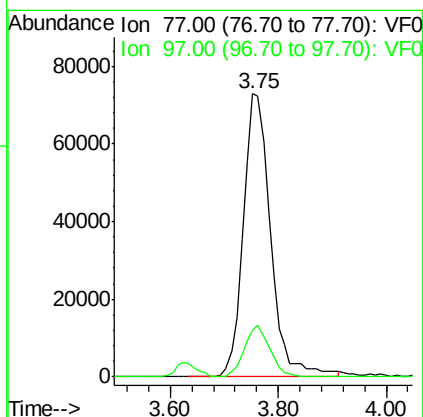
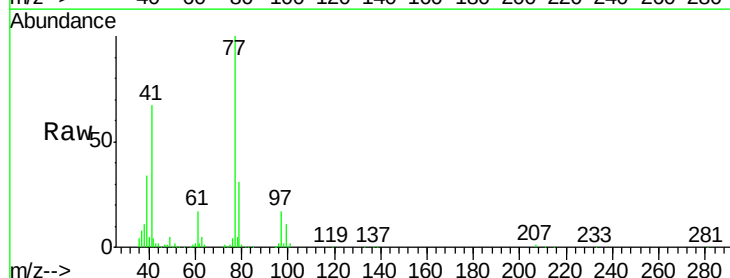
Acq: 6 Jun 2018 18:09

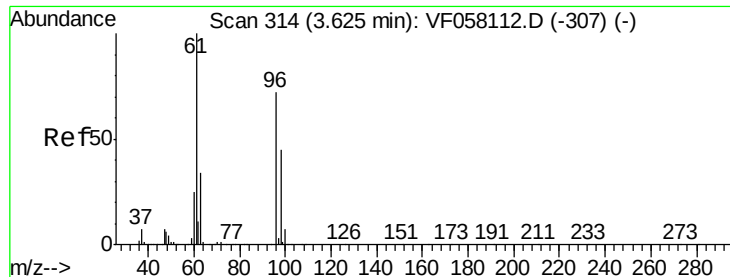
Tgt Ion: 77 Resp: 255225

Ion Ratio Lower Upper

77 100

97 16.6 7.2 21.6





#27

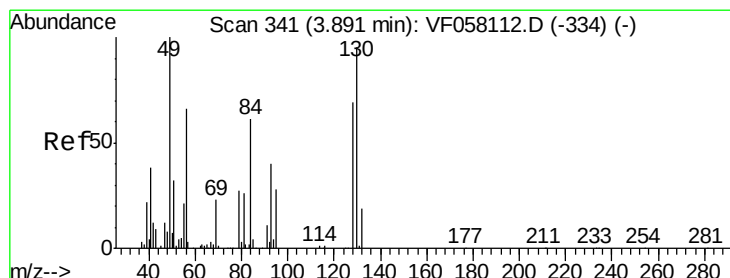
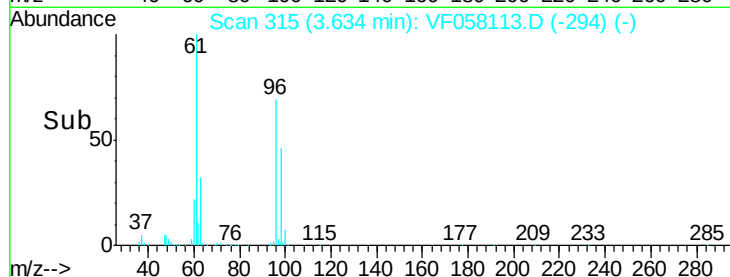
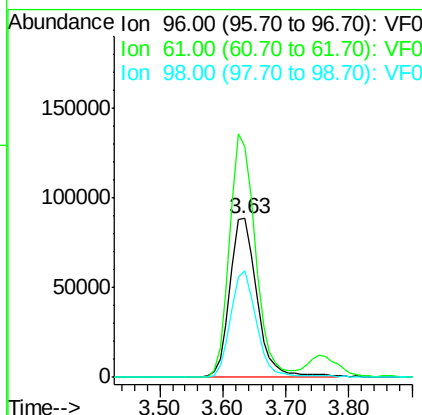
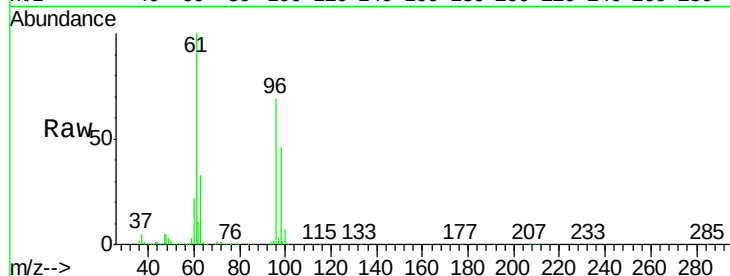
cis-1,2-Dichloroethene
Concen: 65.913 ug/l
RT: 3.63 min Scan# 315
Delta R.T. 0.01 min
Lab File: VF058113.D
Acq: 6 Jun 2018 18:09

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	145.5	0.0	278.6
98	67.1	0.0	125.2

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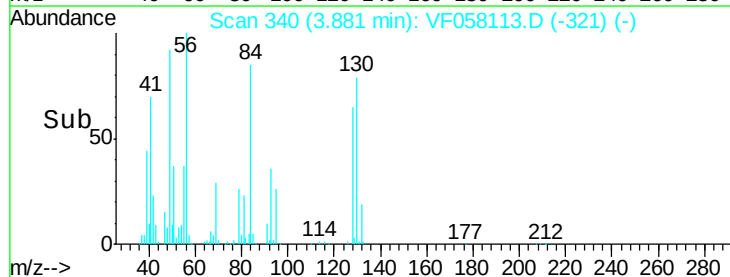
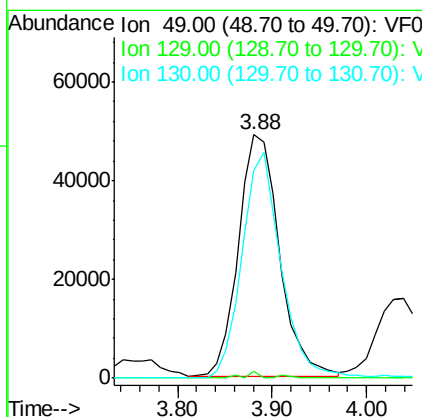
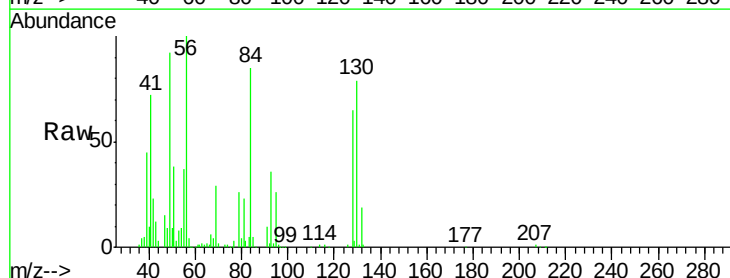
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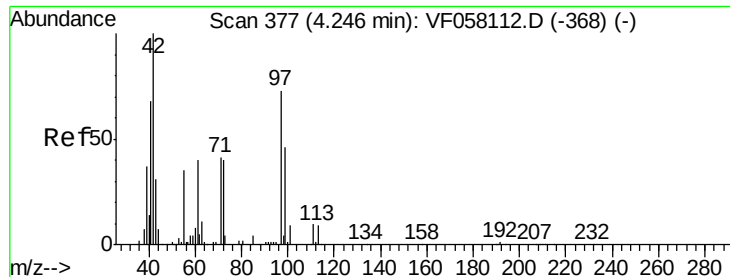


#28

Bromochloromethane
Concen: 64.316 ug/l
RT: 3.88 min Scan# 340
Delta R.T. -0.01 min
Lab File: VF058113.D
Acq: 6 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	0.0#
130	85.3	75.8	113.8





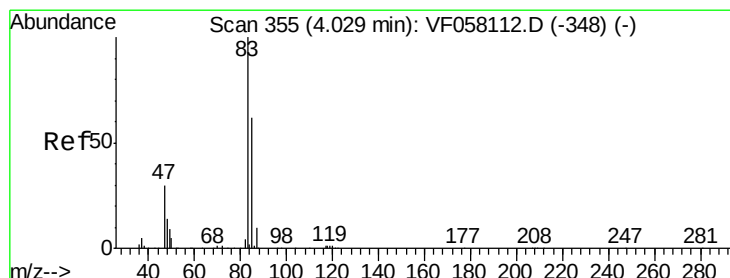
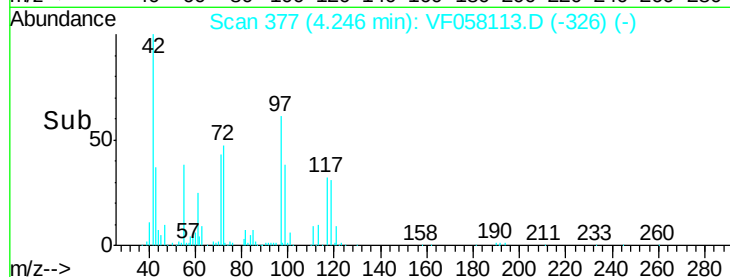
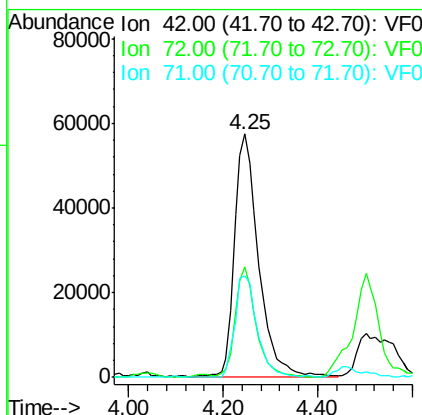
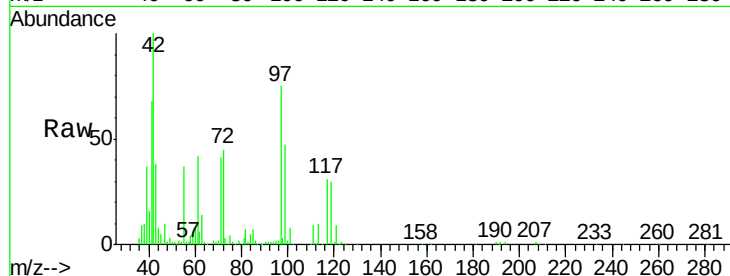
#29
Tetrahydrofuran
Concen: 286.920 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.00 min
Lab File: VF058113.D
Acq: 6 Jun 2018 18:09

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.5	30.5	45.7
71	38.8	31.5	47.3

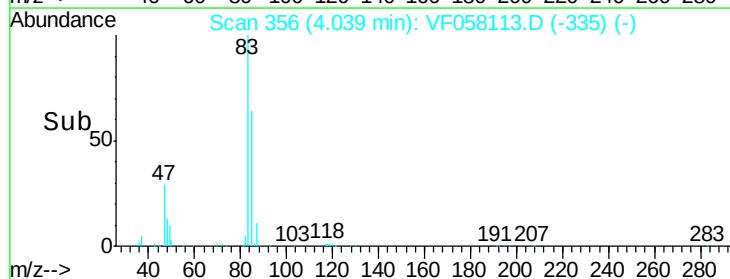
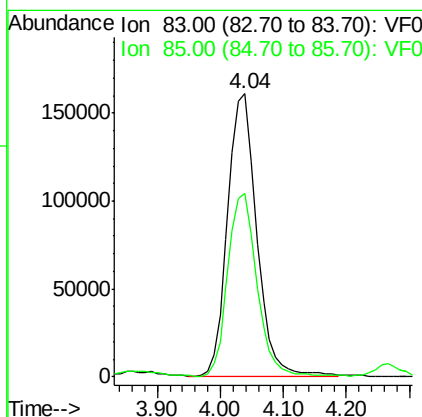
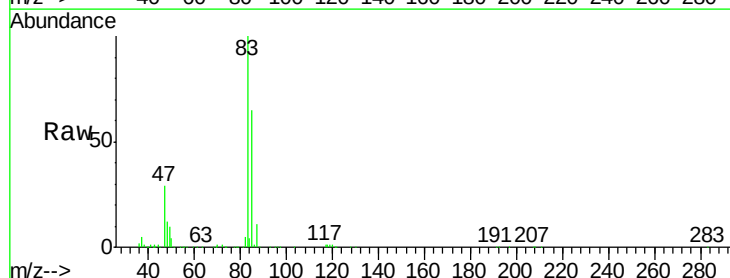
Manual Integrations
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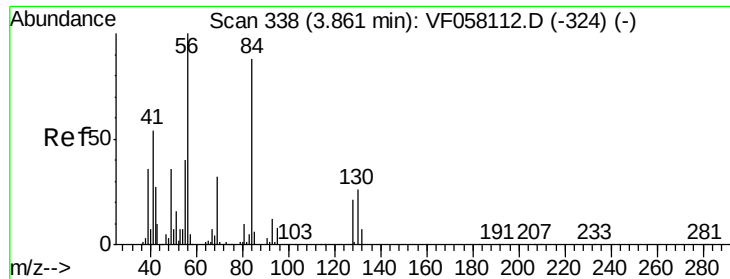
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#30
Chloroform
Concen: 65.717 ug/l
RT: 4.04 min Scan# 355
Delta R.T. 0.01 min
Lab File: VF058113.D
Acq: 6 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	49.5	74.3





#31

Cyclohexane

Concen: 64.098 ug/l

RT: 3.87 min Scan# 339

Delta R.T. 0.01 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Instrument :

MSVOA_F

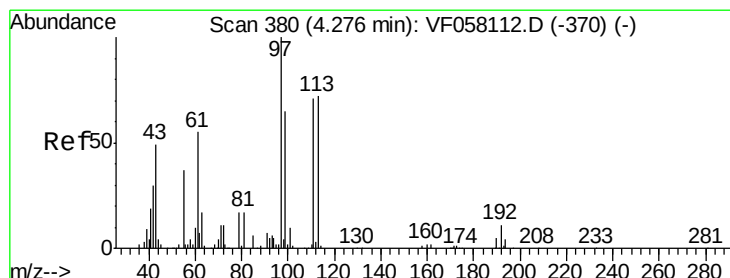
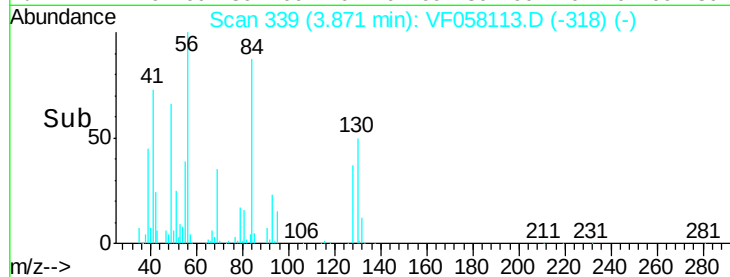
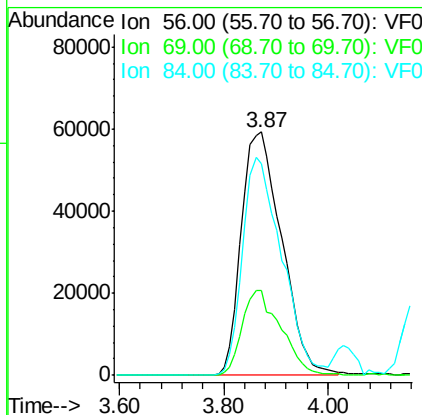
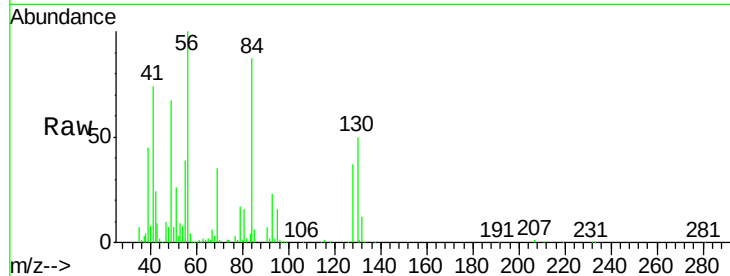
ClientSampleId :

VSTDIC075

Tgt Ion:	56	Resp:	313310
Ion Ratio		Lower	Upper
56	100		
69	35.1	25.9	38.9
84	87.0	70.3	105.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 68.611 ug/l

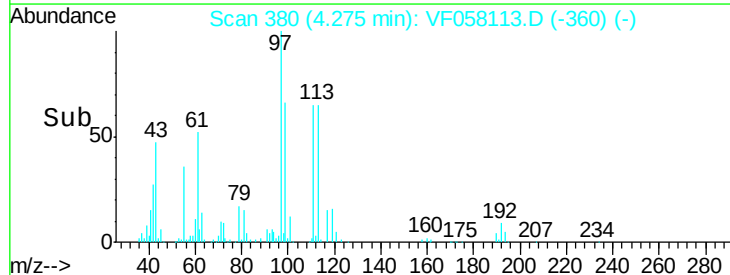
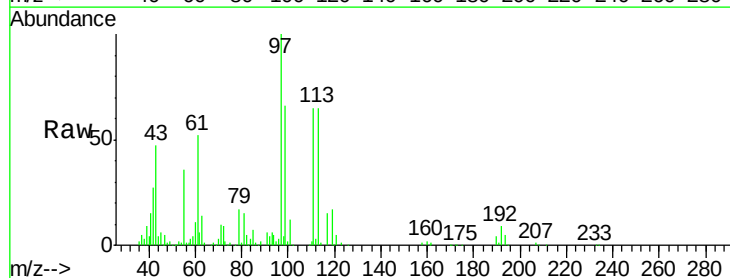
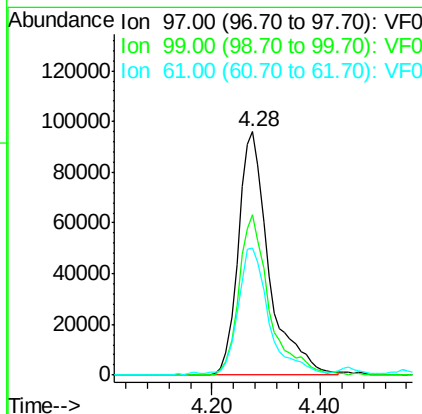
RT: 4.28 min Scan# 380

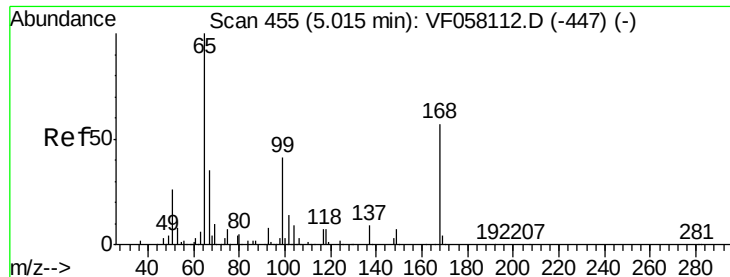
Delta R.T. -0.00 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Tgt Ion:	97	Resp:	379435
Ion Ratio		Lower	Upper
97	100		
99	65.6	52.0	78.0
61	52.1	44.3	66.5





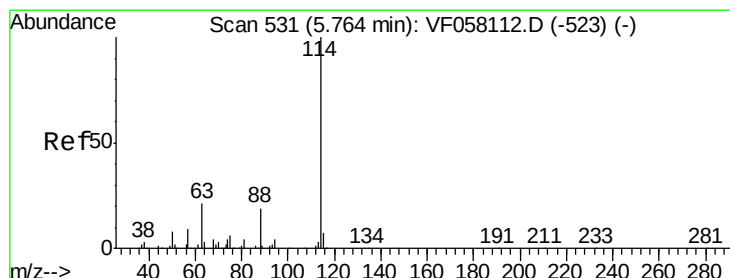
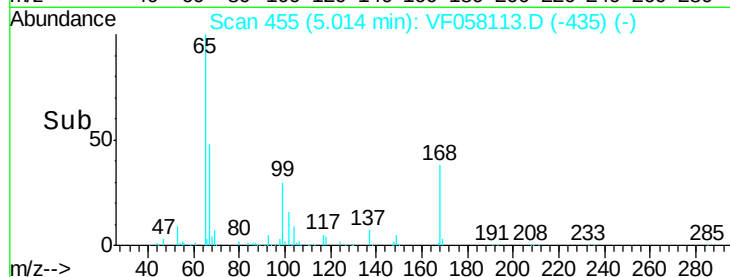
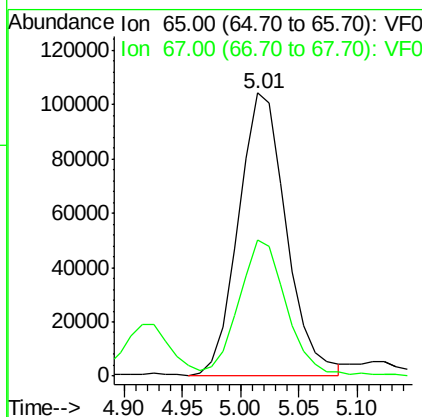
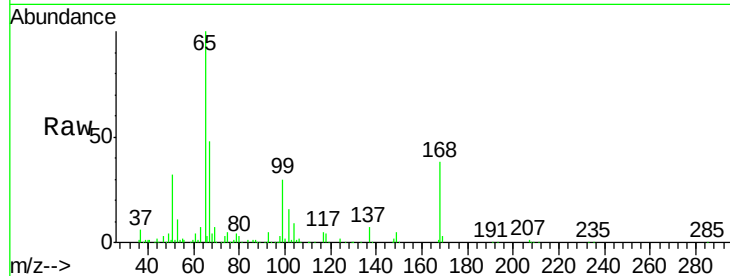
#33
 1,2-Dichloroethane-d4
 Concen: 69.125 ug/l
 RT: 5.01 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VF058113.D
 Acq: 6 Jun 2018 18:09

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	295846		
67	48.1	0.0	97.0	

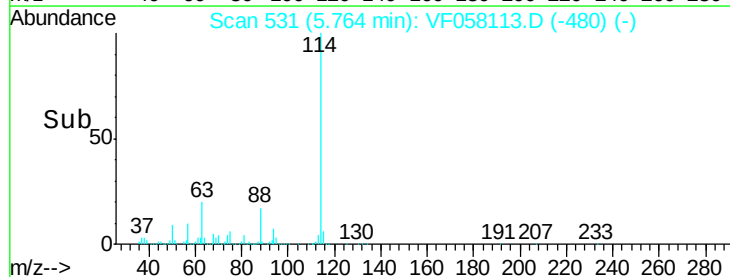
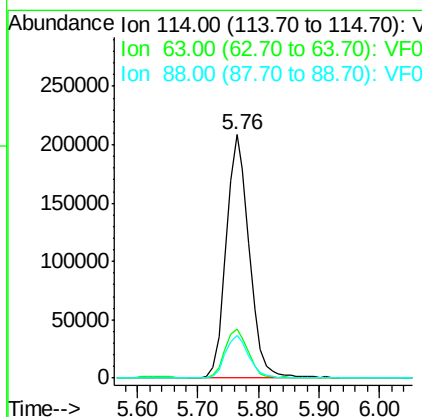
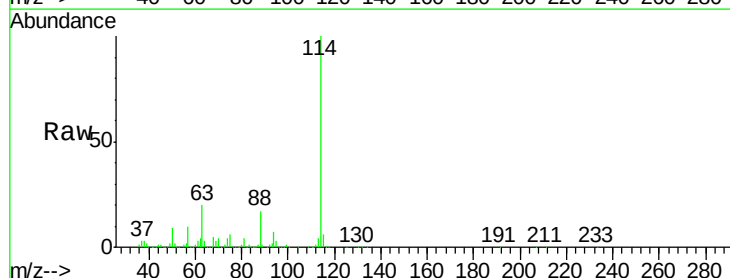
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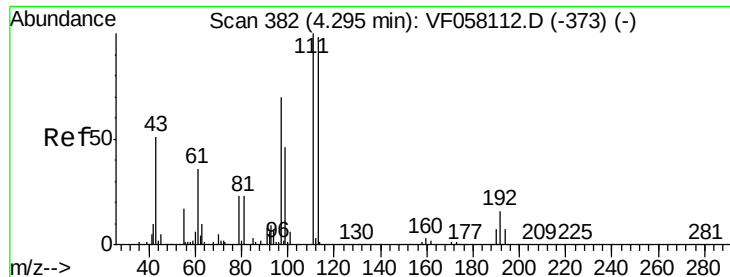
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VF058113.D
 Acq: 6 Jun 2018 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	551590		
63	20.4	0.0	41.6	
88	17.5	0.0	38.8	





#35

Dibromofluoromethane

Concen: 65.897 ug/l

RT: 4.29 min Scan# 382

Delta R.T. -0.00 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Instrument :

MSVOA_F

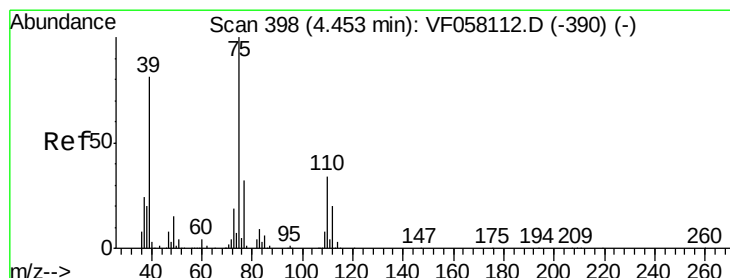
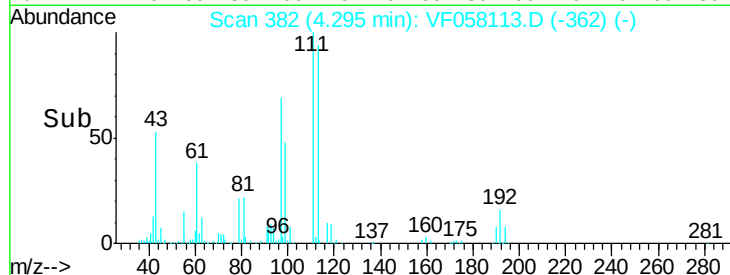
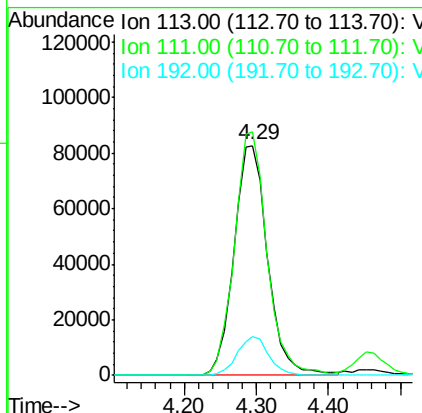
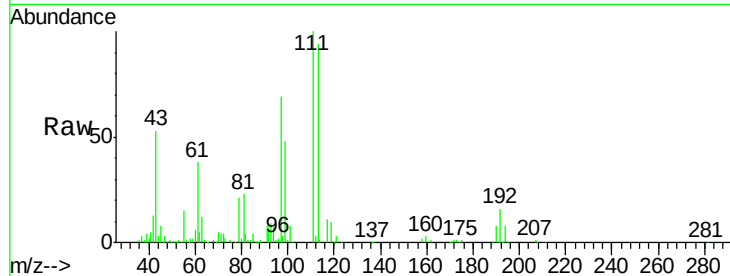
ClientSampleId :

VSTDIC075

Tgt Ion:	113	Resp:	269585
Ion Ratio	Lower	Upper	
113	100		
111	106.0	81.3	121.9
192	16.9	12.7	19.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 69.022 ug/l

RT: 4.46 min Scan# 399

Delta R.T. 0.01 min

Lab File: VF058113.D

Acq: 6 Jun 2018 18:09

Tgt Ion:	75	Resp:	385052
Ion Ratio	Lower	Upper	
75	100		
110	32.1	17.0	50.9
77	30.5	25.3	37.9

