

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062118\
 Data File : VF059269.D
 Acq On : 21 Jun 2018 18:36
 Operator : VA/AP
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 6/22/2018 11:34:46 AM

Quant Time: Jun 22 05:10:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 04:54:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	269319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	416700	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	407577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	236108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	528258	158.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.68%	
35) Dibromofluoromethane	4.29	113	453136	153.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.04%	
50) Toluene-d8	7.71	98	1167204	137.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	275.22%	
62) 4-Bromofluorobenzene	11.51	95	622704	139.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	278.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	413818	135.30	ug/l	93
3) Chloromethane	1.08	50	275665	120.90	ug/l	99
4) Vinyl Chloride	1.15	62	280484	133.80	ug/l	100
5) Bromomethane	1.34	94	161772	129.01	ug/l	97
6) Chloroethane	1.42	64	124281	139.53	ug/l	89
7) Trichlorofluoromethane	1.48	101	525514m	154.65	ug/l	
8) Diethyl Ether	1.70	74	127102	154.12	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	1.90	101	252774	120.48	ug/l	95
10) Methyl Iodide	1.97	142	516801	140.20	ug/l	88
11) Tert butyl alcohol	2.69	59	167131	794.70	ug/l	99
12) 1,1-Dichloroethene	1.85	96	264189	150.29	ug/l	90
13) Acrolein	2.09	56	130079	710.92	ug/l	96
14) Allyl chloride	2.19	41	497915	143.90	ug/l	92
15) Acrylonitrile	3.07	53	405085	1003.50	ug/l	92
16) Acetone	2.34	43	596151	749.32	ug/l	99
17) Carbon Disulfide	1.87	76	640877	132.58	ug/l	98
18) Methyl Acetate	2.45	43	253057m	181.85	ug/l	
19) Methyl tert-butyl Ether	2.54	73	902282	160.23	ug/l	97
20) Methylene Chloride	2.27	84	263323m	140.89	ug/l	
21) trans-1,2-Dichloroethene	2.41	96	280160	143.52	ug/l	95
22) Diisopropyl ether	2.92	45	1087878	157.10	ug/l	94
23) Vinyl Acetate	3.33	43	3169377	701.80	ug/l	99
24) 1,1-Dichloroethane	2.99	63	638868	151.45	ug/l	99
25) 2-Butanone	4.51	43	808828	665.19	ug/l	99
26) 2,2-Dichloropropane	3.76	77	414679	136.17	ug/l	95
27) cis-1,2-Dichloroethene	3.63	96	410132	137.34	ug/l	99
28) Bromochloromethane	3.88	49	241418	129.33	ug/l	96
29) Tetrahydrofuran	4.25	42	368346	694.31	ug/l	98
30) Chloroform	4.03	83	900592	149.70	ug/l	97
31) Cyclohexane	3.86	56	418592	117.66	ug/l	93
32) 1,1,1-Trichloroethane	4.28	97	648608	143.54	ug/l	98
36) 1,1-Dichloropropene	4.45	75	604209	149.10	ug/l	98
37) Ethyl Acetate	4.29	43	378305	149.54	ug/l	83
38) Carbon Tetrachloride	4.17	117	726970m	161.71	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	532354	132.66	ug/l	93
40) Benzene	4.81	78	1249603	134.18	ug/l	96
41) Methacrylonitrile	4.92	41	192689	155.15	ug/l	97
42) 1,2-Dichloroethane	5.11	62	735224	167.03	ug/l	98
43) Isopropyl Acetate	7.10	43	526824	155.00	ug/l #	98
44) Trichloroethene	5.67	130	420060	140.57	ug/l	88
45) 1,2-Dichloropropane	6.39	63	365130	135.46	ug/l	99
46) Dibromomethane	6.26	93	313652	152.62	ug/l	92
47) Bromodichloromethane	6.54	83	737135	155.40	ug/l	97
48) Methyl methacrylate	6.87	41	341493	164.05	ug/l	93
49) 1,4-Dioxane	6.86	88	39082	2834.51	ug/l #	86
51) 4-Methyl-2-Pentanone	8.41	43	1642058	703.66	ug/l	98
52) Toluene	7.77	92	928309	137.17	ug/l	98
53) t-1,3-Dichloropropene	8.43	75	687512	148.54	ug/l	100
54) cis-1,3-Dichloropropene	7.46	75	741771	142.71	ug/l	98
55) 1,1,2-Trichloroethane	8.64	97	376424	150.99	ug/l	97
56) Ethyl methacrylate	8.76	69	477090	151.87	ug/l	96
57) 1,3-Dichloropropane	9.00	76	619122	146.28	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.77	63	164646	726.16	ug/l	100
59) 2-Hexanone	9.63	43	1291904	699.52	ug/l	95
60) Dibromochloromethane	8.86	129	576103	159.07	ug/l	92
61) 1,2-Dibromoethane	9.13	107	448266	154.47	ug/l	100
64) Tetrachloroethene	8.31	164	429855	142.77	ug/l	97
65) Chlorobenzene	9.94	112	1187083	145.21	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.07	131	483790	147.95	ug/l	96
67) Ethyl Benzene	10.04	91	1875254	133.18	ug/l	96
68) m/p-Xylenes	10.27	106	1285876	240.57	ug/l	95
69) o-Xylene	10.83	106	777748	135.27	ug/l	95
70) Styrene	10.90	104	1180067	136.44	ug/l	98
71) Bromoform	10.89	173	369263	164.05	ug/l #	96
73) Isopropylbenzene	11.22	105	2115277	129.51	ug/l	97
74) N-amyl acetate	11.46	43	782792	135.16	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.79	83	514050	132.73	ug/l	98
76) 1,2,3-Trichloropropane	11.89	75	406761	141.89	ug/l	97
77) Bromobenzene	11.60	156	590680	141.83	ug/l	93
78) n-propylbenzene	11.69	91	2347216	121.34	ug/l	96
79) 2-Chlorotoluene	11.82	91	1477929	128.84	ug/l	100
80) 1,3,5-Trimethylbenzene	11.91	105	1725263	126.93	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.95	75	265929	142.44	ug/l	92
82) 4-Chlorotoluene	11.99	91	1598656	130.75	ug/l	99
83) tert-Butylbenzene	12.22	119	1712985	126.32	ug/l	98
84) 1,2,4-Trimethylbenzene	12.29	105	1855923	132.58	ug/l	93
85) sec-Butylbenzene	12.39	105	2306268	126.26	ug/l	95
86) p-Isopropyltoluene	12.54	119	1930407	128.31	ug/l	96
87) 1,3-Dichlorobenzene	12.56	146	986320	128.69	ug/l	95
88) 1,4-Dichlorobenzene	12.64	146	1032958	139.71	ug/l	96
89) n-Butylbenzene	12.92	91	1897371	121.30	ug/l	95
90) Hexachloroethane	13.00	117	509009	137.69	ug/l	98
91) 1,2-Dichlorobenzene	13.02	146	997085	135.19	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.72	75	128537	166.47	ug/l	94

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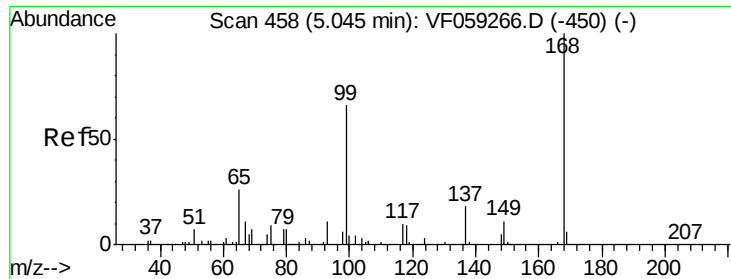
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	735506	140.09	ug/l	97
94) Hexachlorobutadiene	14.26	225	443586	146.43	ug/l	99
95) Naphthalene	14.53	128	1684168	150.07	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	716298	147.49	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.00 min

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Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 269319

Ion Ratio Lower Upper

168 100

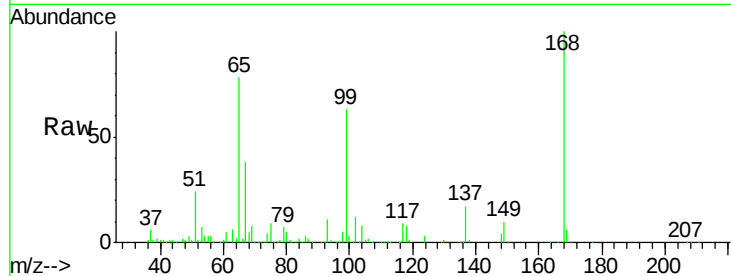
99 62.8 52.6 78.8

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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

80000

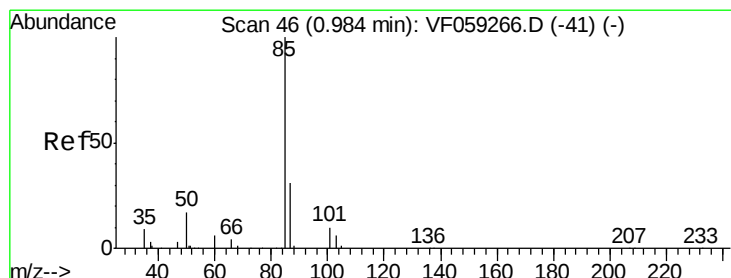
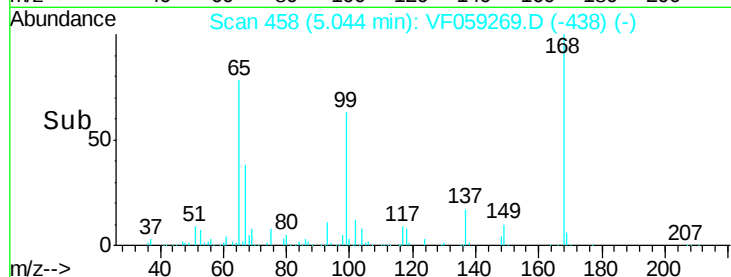
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 135.30 ug/l

RT: 0.98 min Scan# 46

Delta R.T. -0.00 min

Lab File: VF059269.D

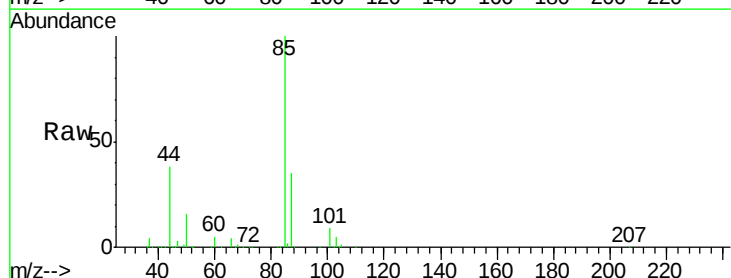
Acq: 21 Jun 2018 18:36

Tgt Ion: 85 Resp: 413818

Ion Ratio Lower Upper

85 100

87 34.7 15.6 46.7



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.98

120000

100000

80000

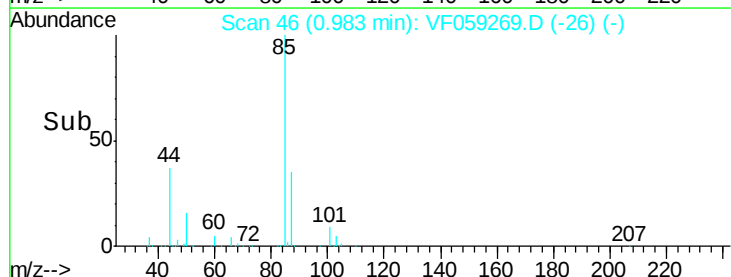
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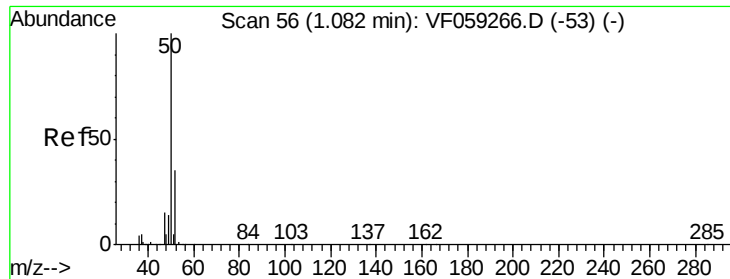
40000

20000

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Time-->





#3

Chloromethane

Concen: 120.90 ug/l

RT: 1.08 min Scan# 56

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 275665

Ion Ratio Lower Upper

50 100

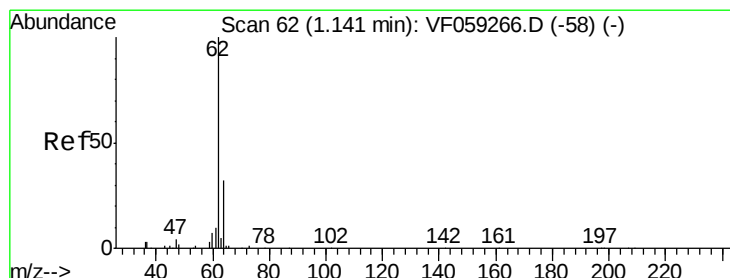
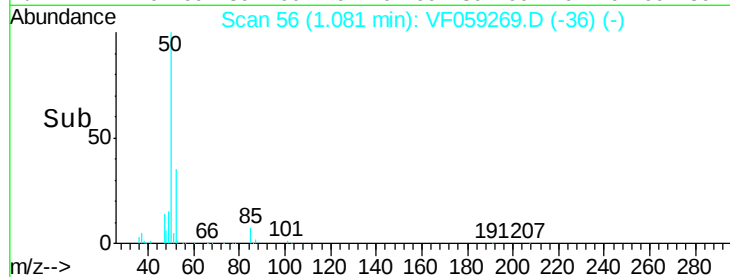
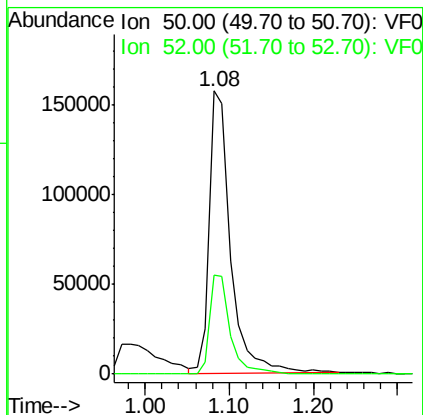
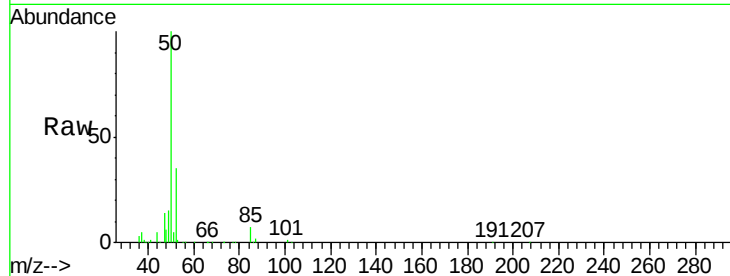
52 35.1 27.7 41.5

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#4

Vinyl Chloride

Concen: 133.80 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.01 min

Lab File: VF059269.D

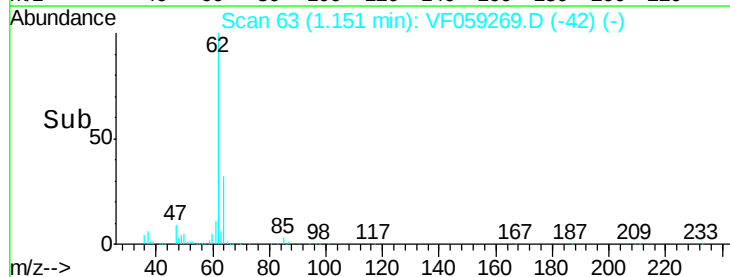
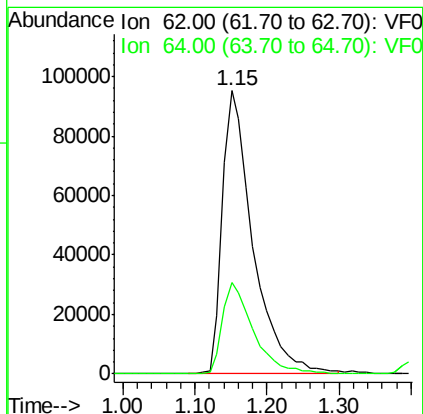
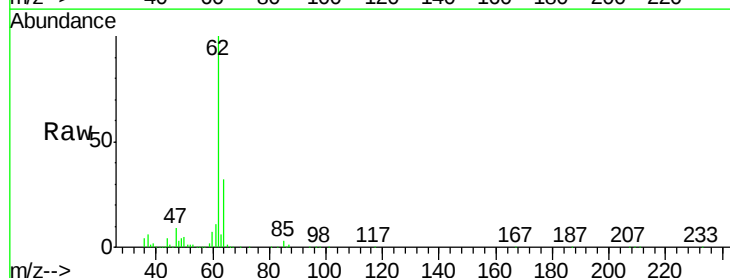
Acq: 21 Jun 2018 18:36

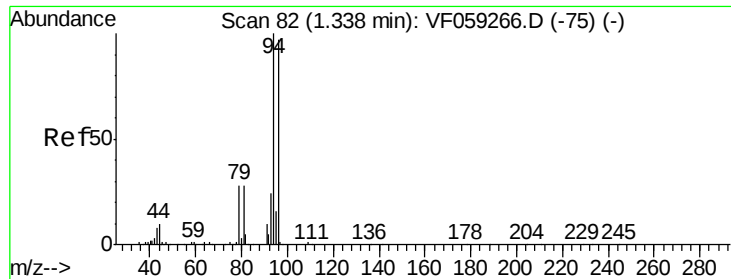
Tgt Ion: 62 Resp: 280484

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 129.01 ug/l

RT: 1.34 min Scan# 82

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 161772

Ion Ratio Lower Upper

94 100

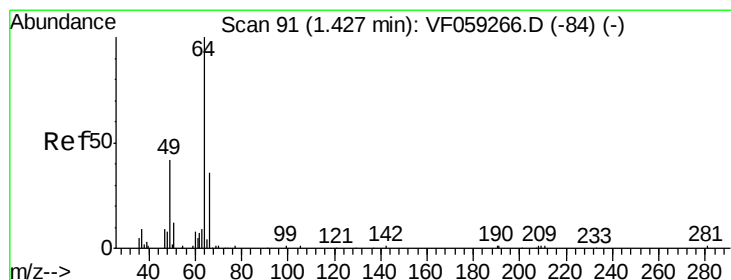
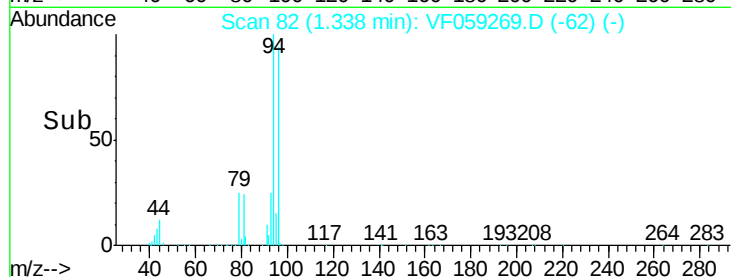
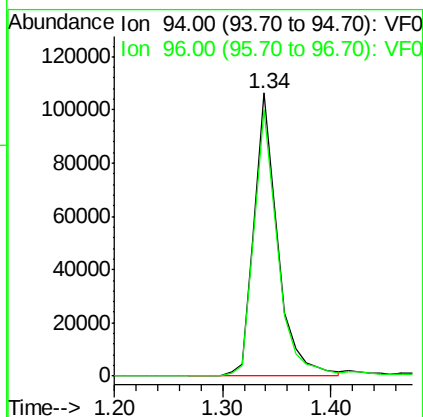
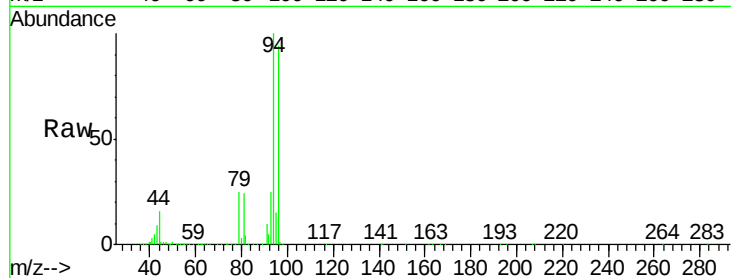
96 94.1 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 139.53 ug/l

RT: 1.42 min Scan# 90

Delta R.T. -0.01 min

Lab File: VF059269.D

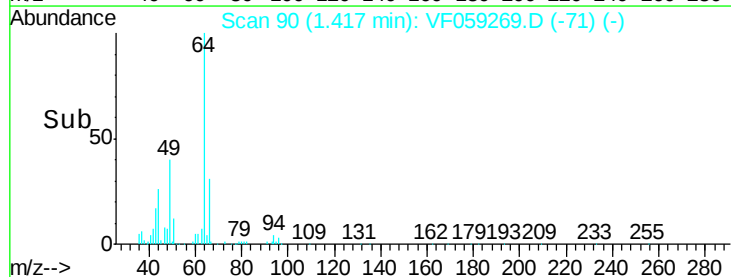
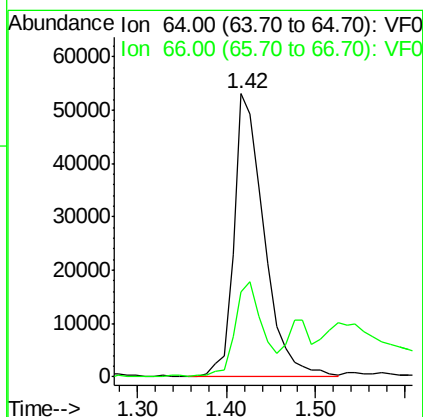
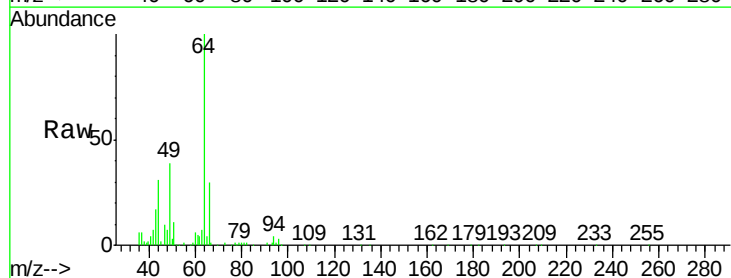
Acq: 21 Jun 2018 18:36

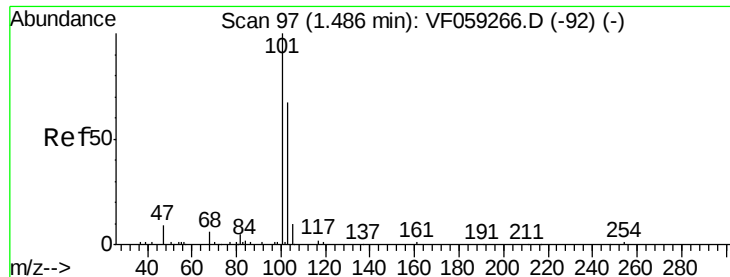
Tgt Ion: 64 Resp: 124281

Ion Ratio Lower Upper

64 100

66 30.0 29.4 44.2





#7

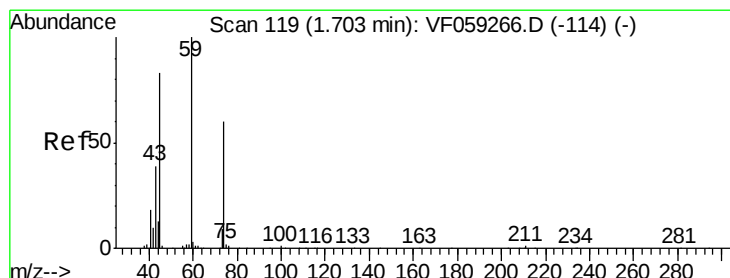
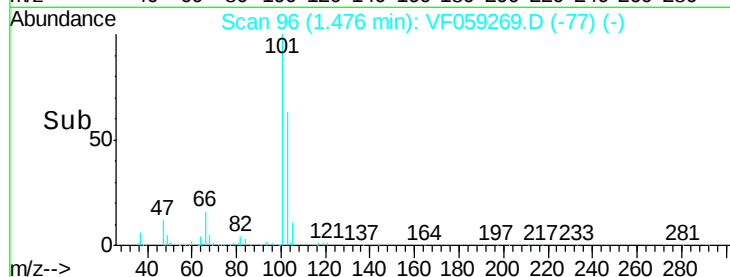
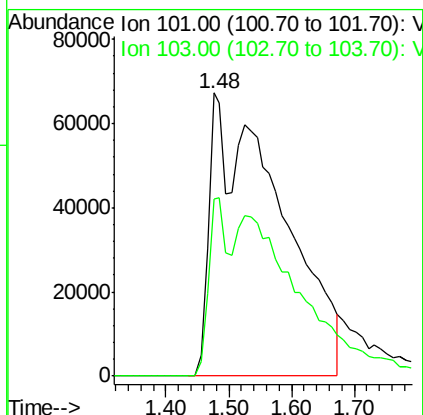
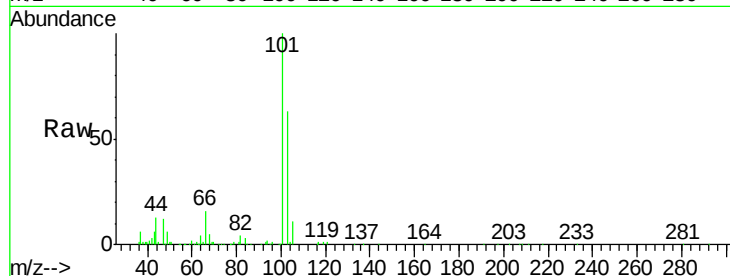
Trichlorofluoromethane
 Concen: 154.65 ug/l m
 RT: 1.48 min Scan# 96
 Delta R.T. -0.01 min
 Lab File: VF059269.D
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 VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	53.8	80.8

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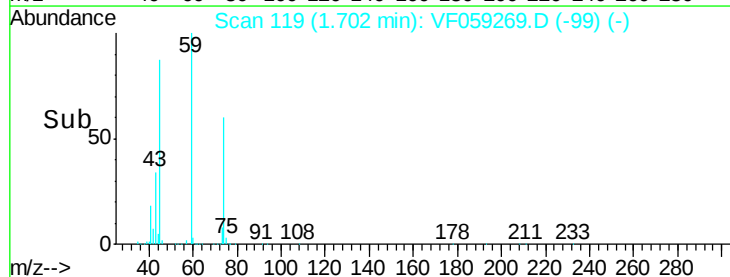
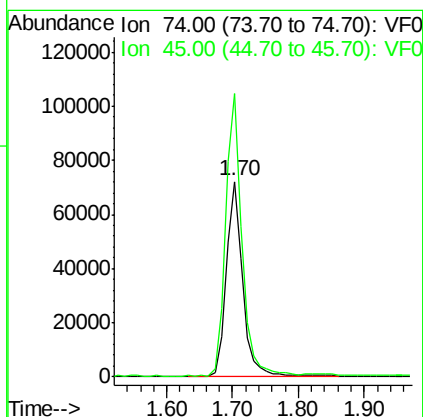
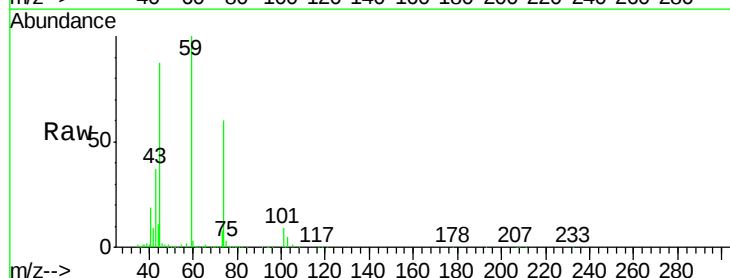
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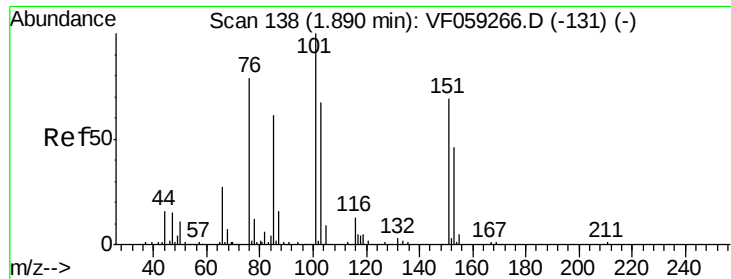


#8

Diethyl Ether
 Concen: 154.12 ug/l
 RT: 1.70 min Scan# 119
 Delta R.T. -0.00 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	145.1	69.2	207.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 120.48 ug/l

RT: 1.90 min Scan# 139

Delta R.T. 0.01 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

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MSVOA_F

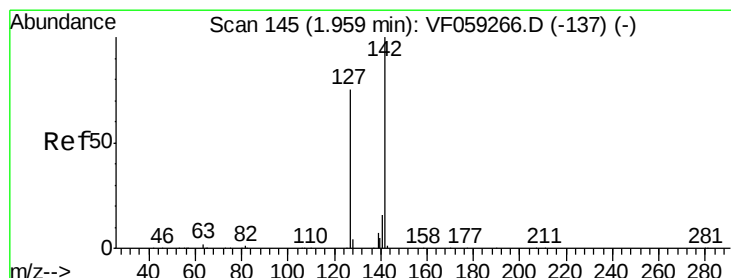
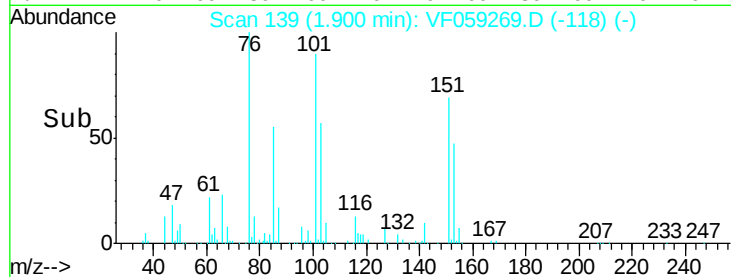
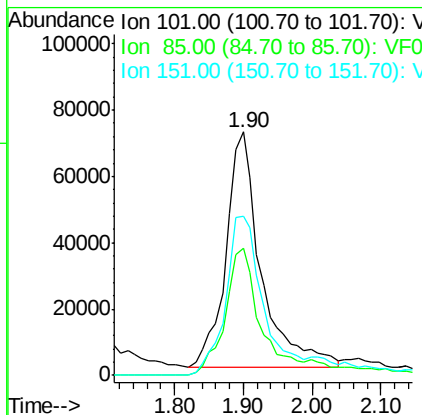
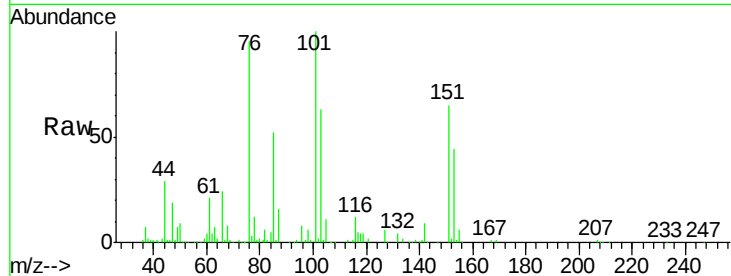
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	252774
Ion Ratio	Lower	Upper	
101	100		
85	52.3	47.2	70.8
151	65.4	53.3	79.9

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#10

Methyl Iodide

Concen: 140.20 ug/l

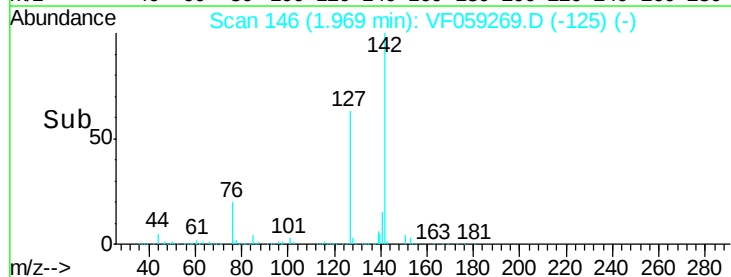
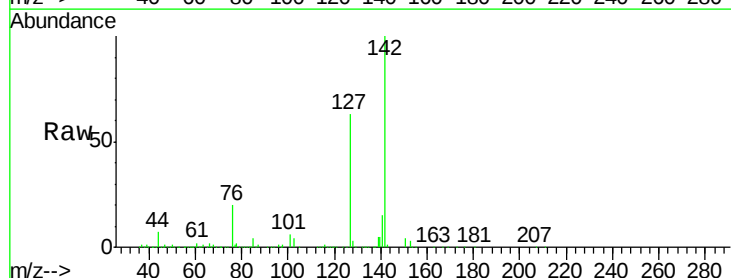
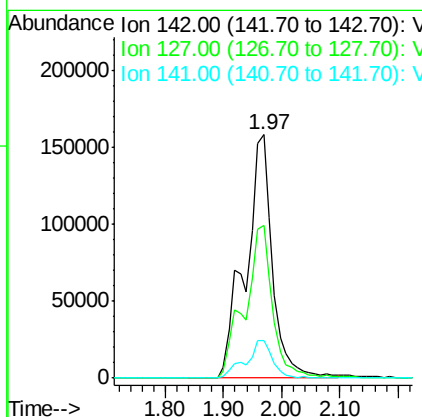
RT: 1.97 min Scan# 146

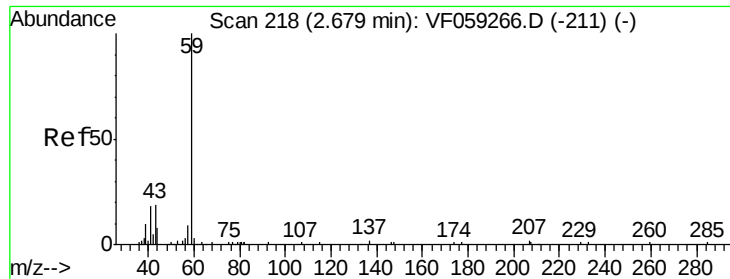
Delta R.T. 0.01 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Tgt Ion:	142	Resp:	516801
Ion Ratio	Lower	Upper	
142	100		
127	62.6	59.9	89.9
141	15.4	12.7	19.1





#11

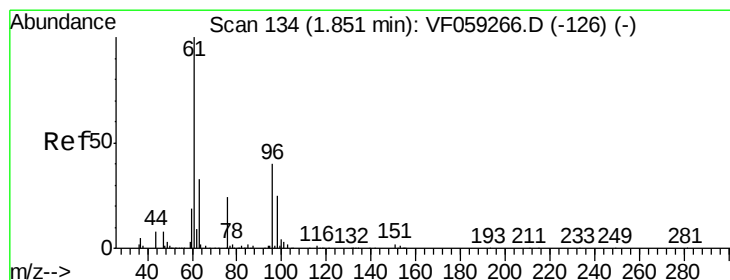
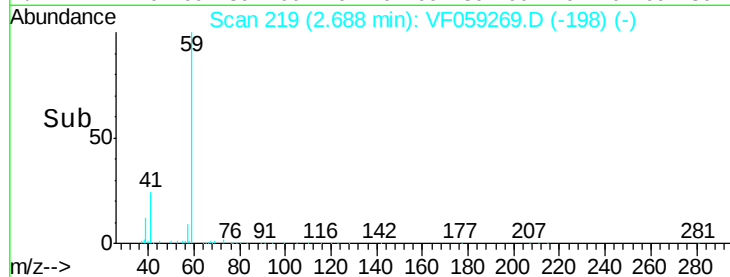
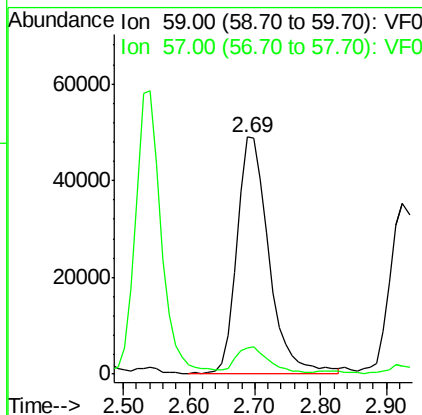
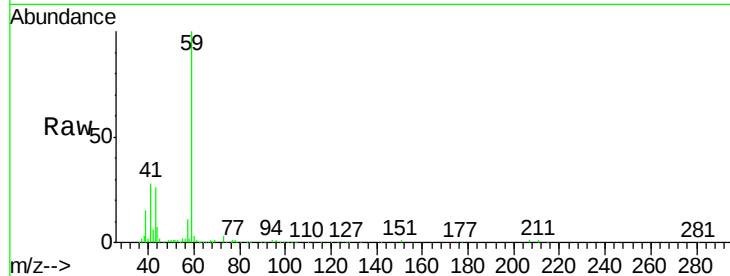
Tert butyl alcohol
Concen: 794.70 ug/l
RT: 2.69 min Scan# 219
Delta R.T. 0.01 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	9.2	13.8

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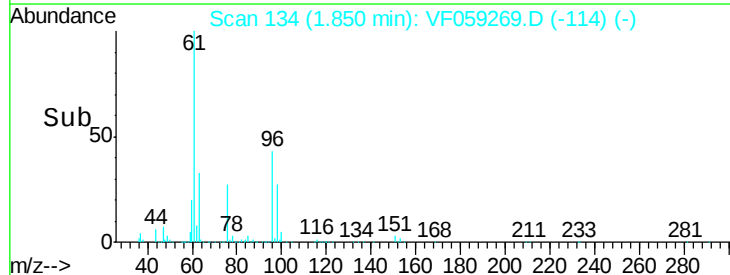
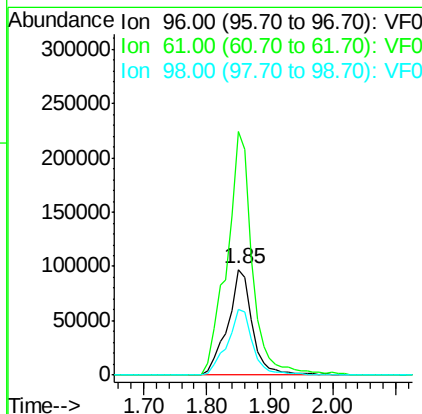
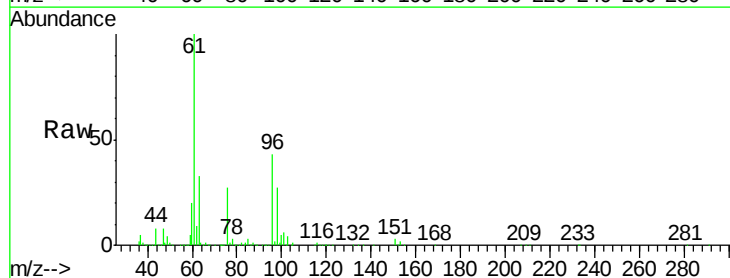
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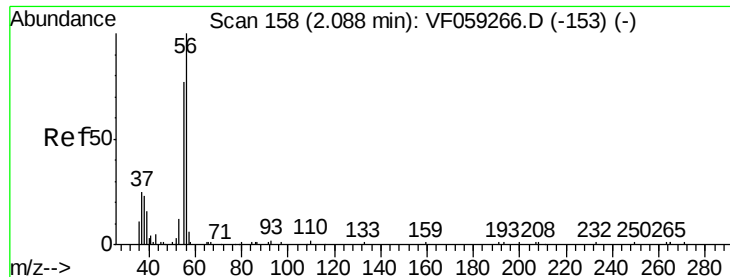


#12

1,1-Dichloroethene
Concen: 150.29 ug/l
RT: 1.85 min Scan# 134
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	231.0	201.4	302.2
98	61.9	50.0	75.0





#13

Acrolein

Concen: 710.92 ug/l

RT: 2.09 min Scan# 158

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 130079

Ion Ratio Lower Upper

56 100

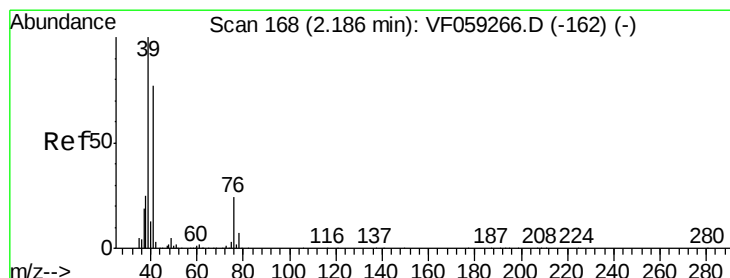
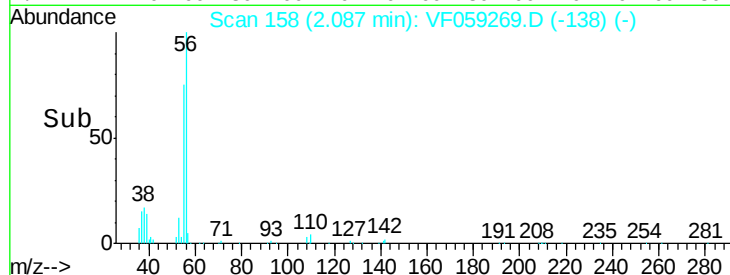
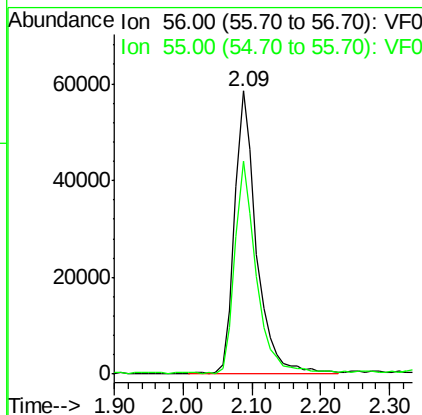
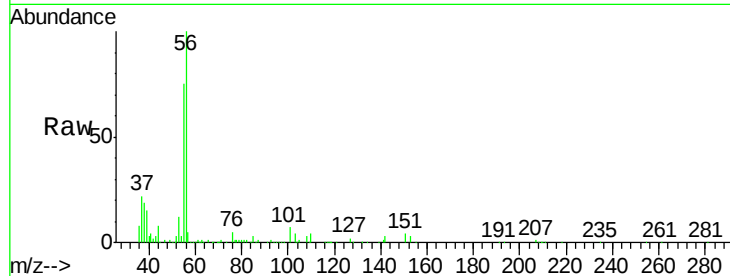
55 75.0 63.0 94.6

Manual Integrations

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#14

Allyl chloride

Concen: 143.90 ug/l

RT: 2.19 min Scan# 168

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

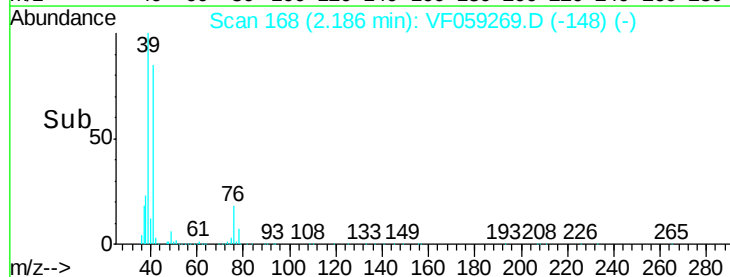
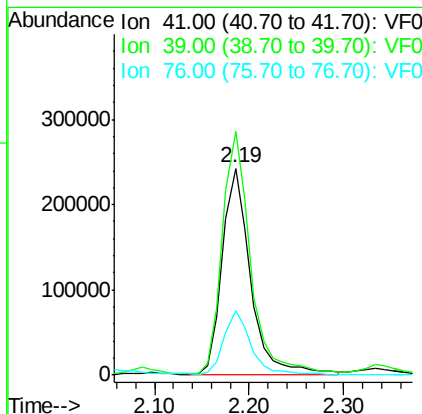
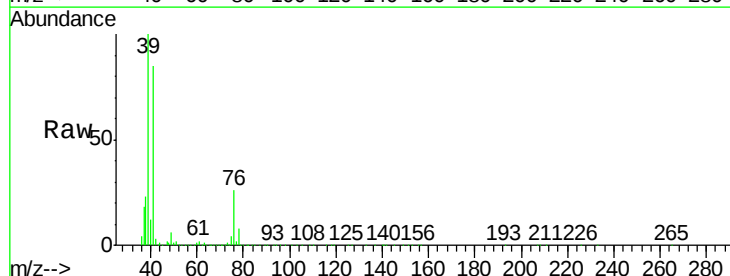
Tgt Ion: 41 Resp: 497915

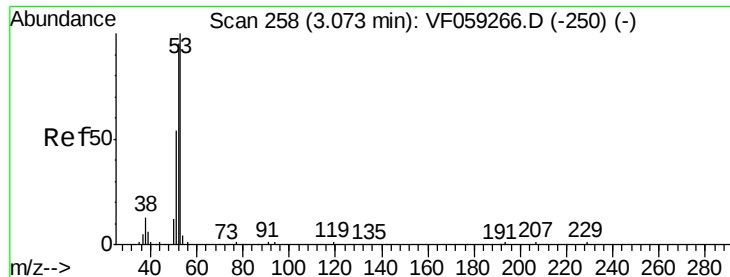
Ion Ratio Lower Upper

41 100

39 117.9 103.8 155.6

76 30.9 25.0 37.6





#15

Acrylonitrile

Concen: 1003.50 ug/l

RT: 3.07 min Scan# 258

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

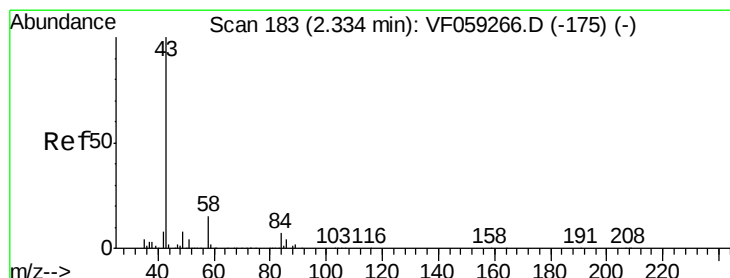
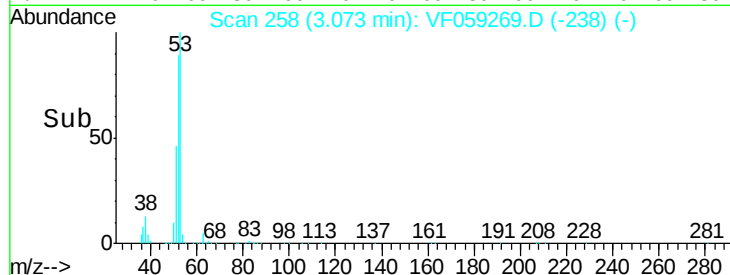
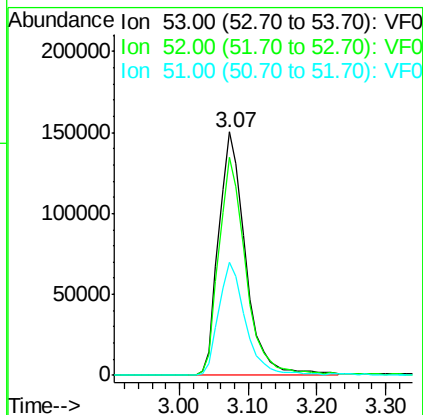
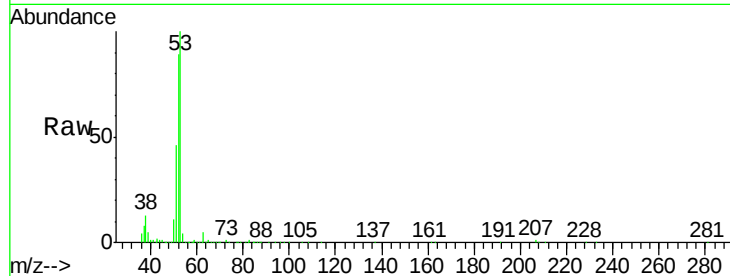
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	405085
Ion	Ratio	Lower	Upper
53	100		
52	89.5	75.7	113.5
51	46.2	44.5	66.7

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#16

Acetone

Concen: 749.32 ug/l

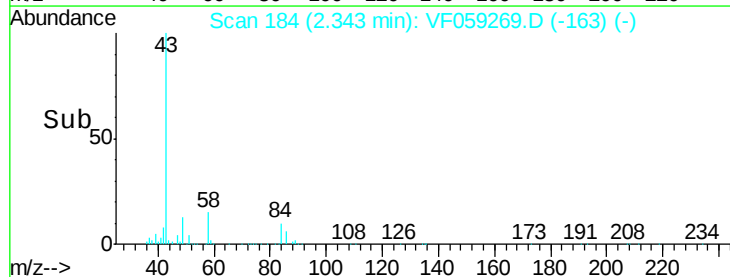
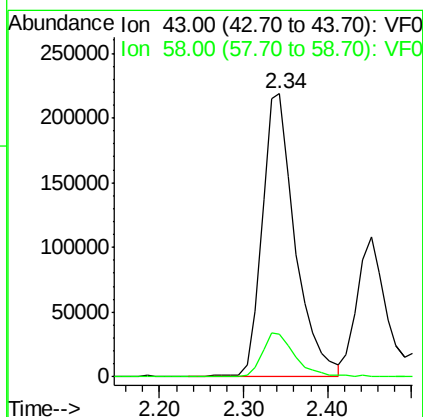
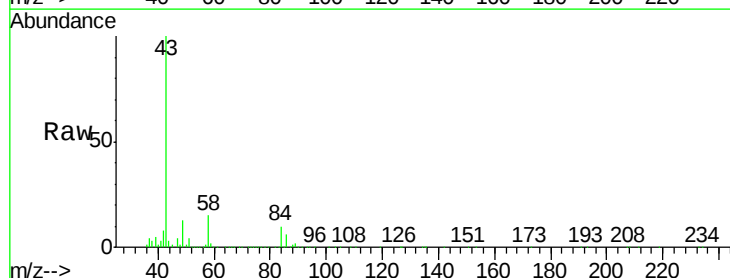
RT: 2.34 min Scan# 184

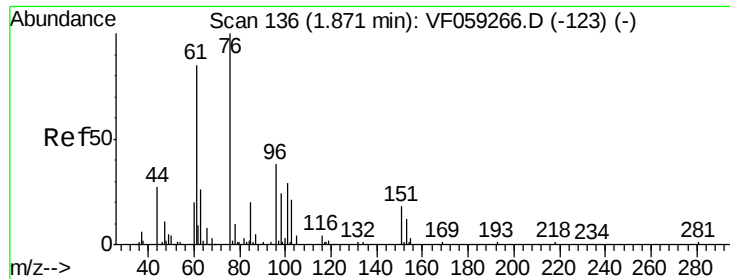
Delta R.T. 0.01 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Tgt Ion:	43	Resp:	596151
Ion	Ratio	Lower	Upper
43	100		
58	14.9	12.1	18.1





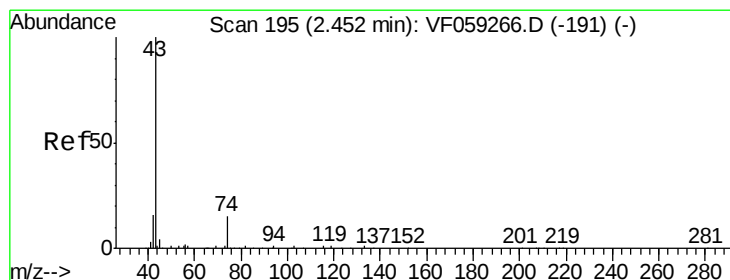
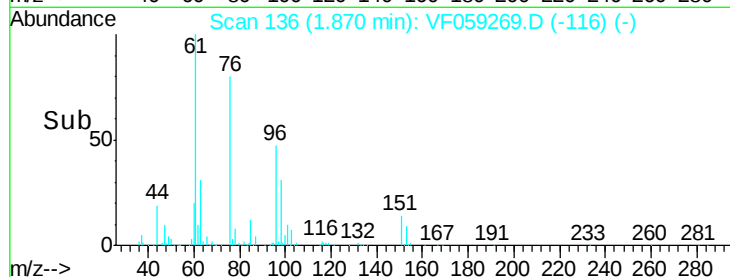
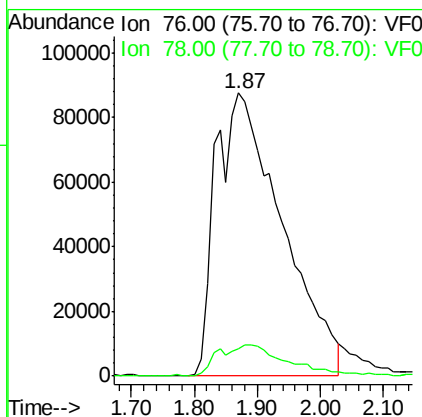
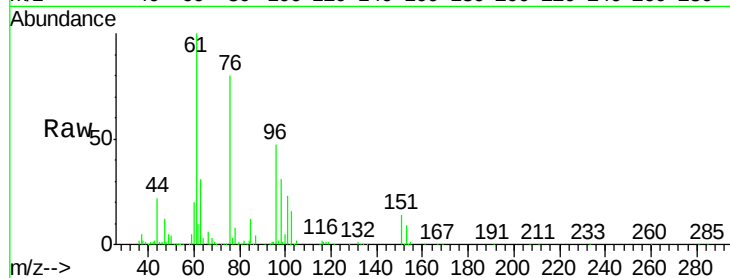
#17
Carbon Disulfide
Concen: 132.58 ug/l
RT: 1.87 min Scan# 136
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	8.6	12.8

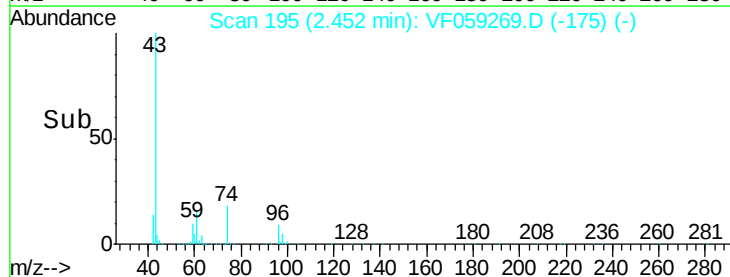
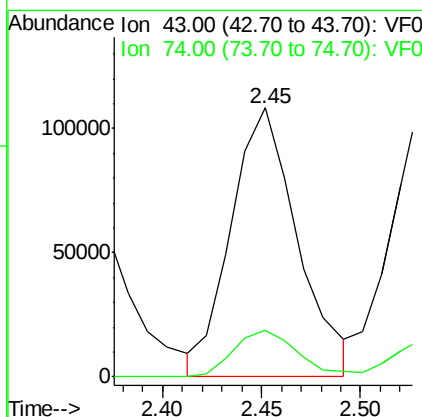
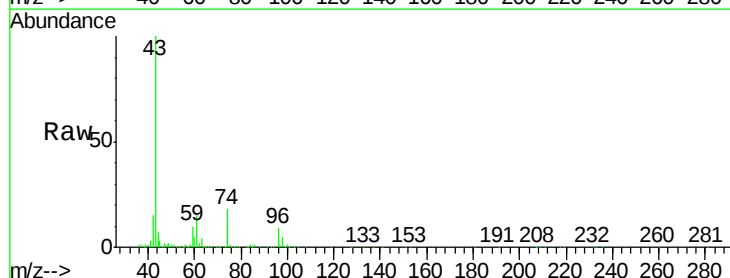
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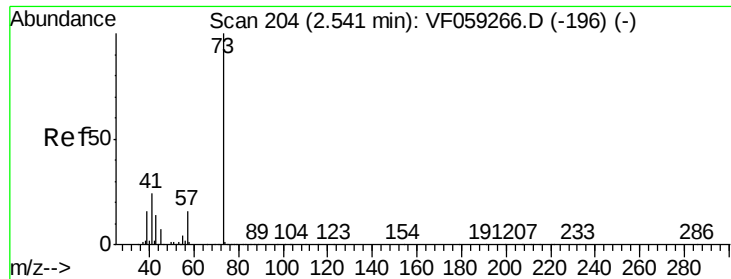
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#18
Methyl Acetate
Concen: 181.85 ug/l m
RT: 2.45 min Scan# 195
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	17.5	11.0	16.4#





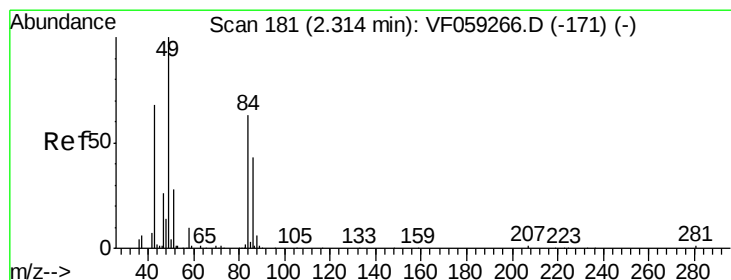
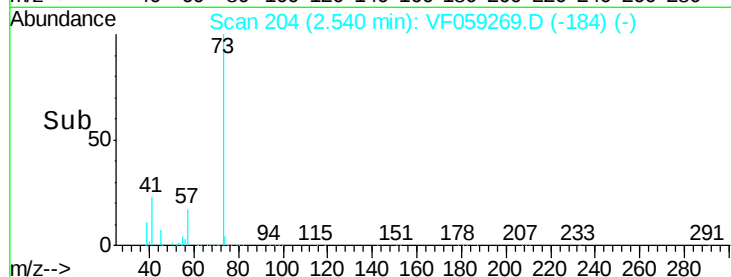
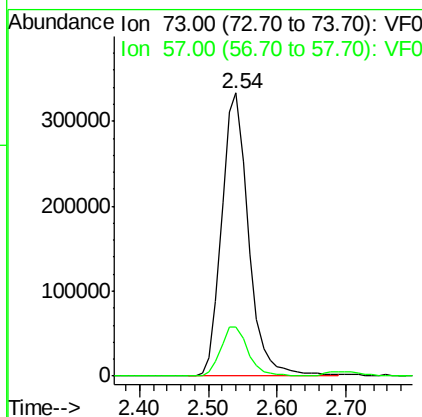
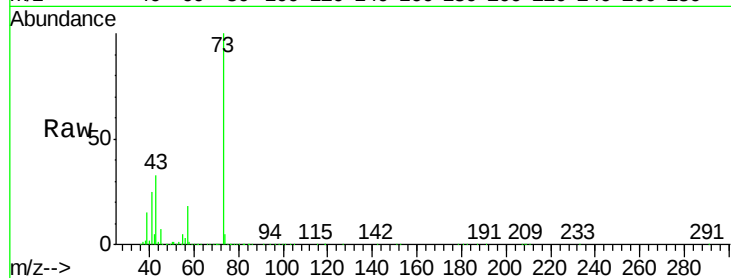
#19
Methvl tert-butvl Ether
Concen: 160.23 ug/l
RT: 2.54 min Scan# 204
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
73	100		
57	17.6	13.0	19.4

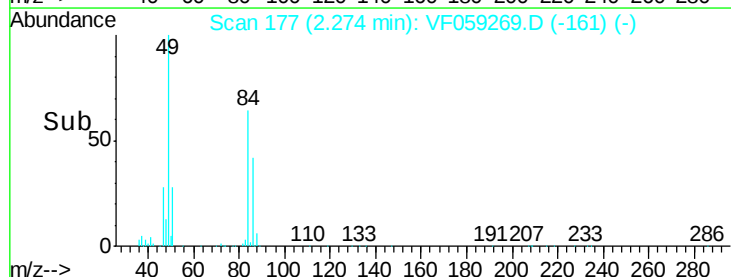
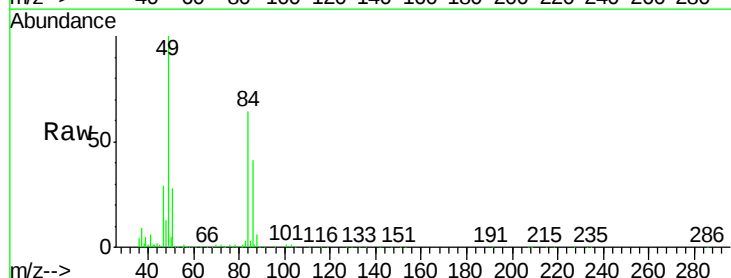
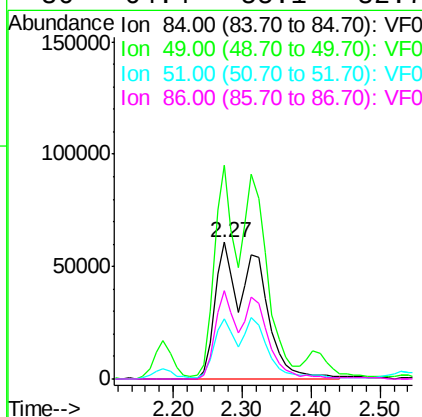
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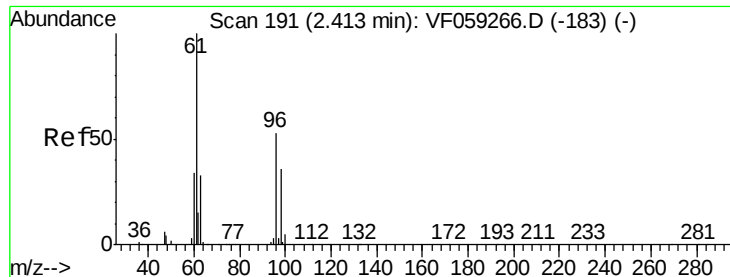
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#20
Methylene Chloride
Concen: 140.89 ug/l m
RT: 2.27 min Scan# 177
Delta R.T. -0.04 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	156.0	130.0	195.0
51	44.0	36.6	55.0
86	64.4	55.1	82.7





#21

trans-1,2-Dichloroethene

Concen: 143.52 ug/l

RT: 2.41 min Scan# 191

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

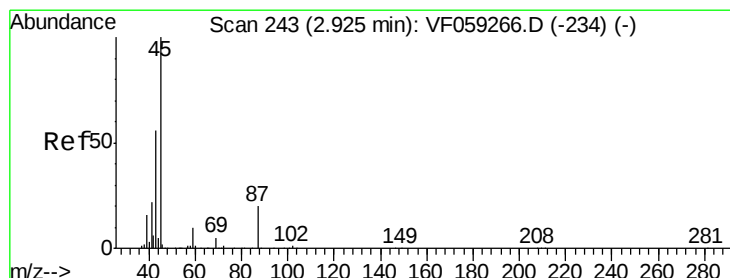
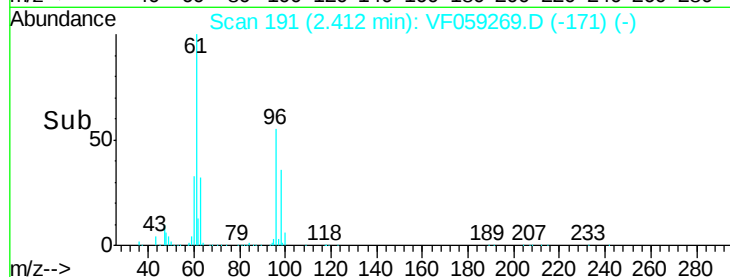
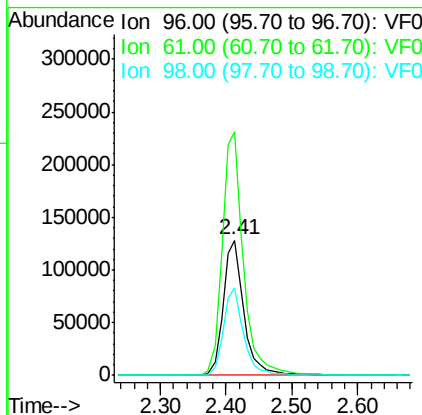
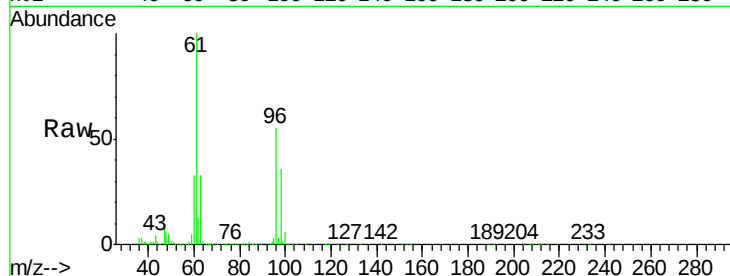
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	280160
Ion Ratio	Lower	Upper	
96	100		
61	180.6	151.2	226.8
98	64.7	54.2	81.2

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#22

Diisopropyl ether

Concen: 157.10 ug/l

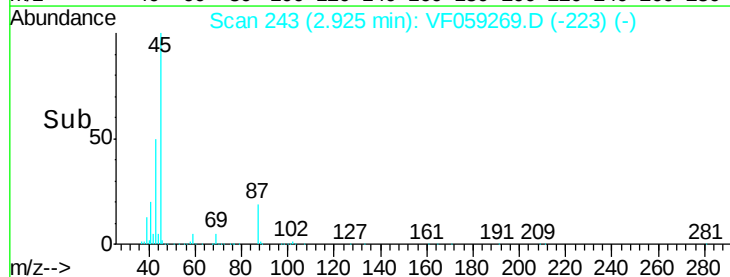
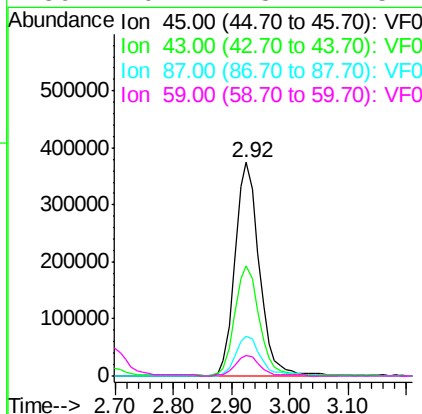
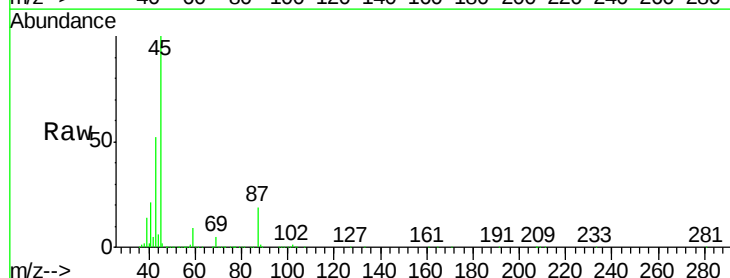
RT: 2.92 min Scan# 243

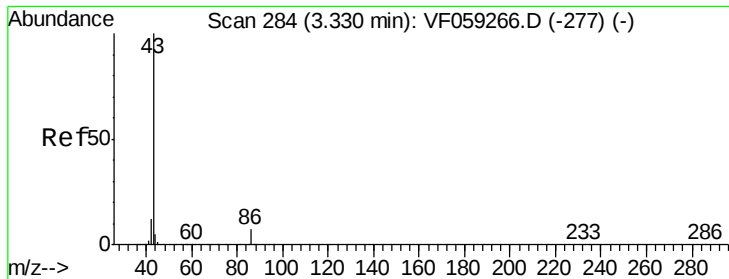
Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Tgt Ion:	45	Resp:	1087878
Ion Ratio	Lower	Upper	
45	100		
43	51.6	45.8	68.6
87	18.8	15.7	23.5
59	9.4	8.7	13.1





#23

Vinyl Acetate

Concen: 701.80 ug/l

RT: 3.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3169377

Ion Ratio Lower Upper

43 100

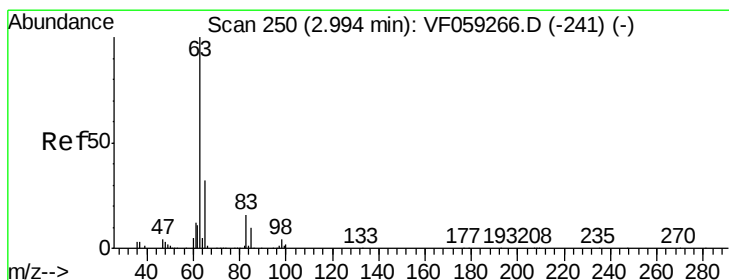
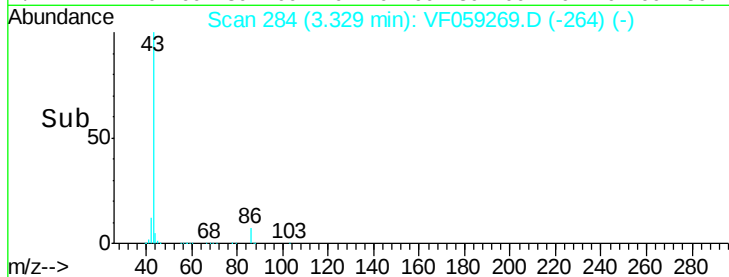
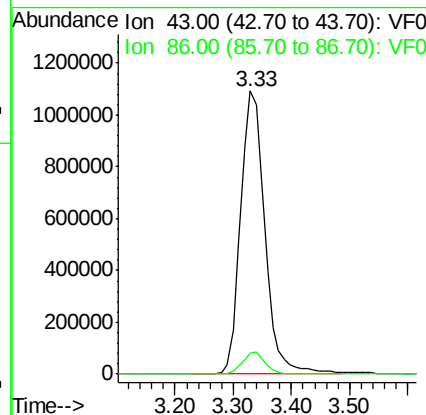
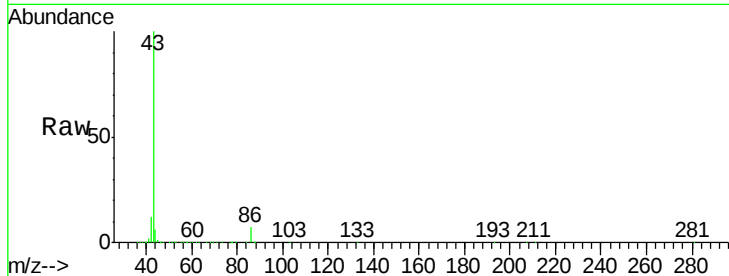
86 7.3 5.4 8.2

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#24

1,1-Dichloroethane

Concen: 151.45 ug/l

RT: 2.99 min Scan# 250

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

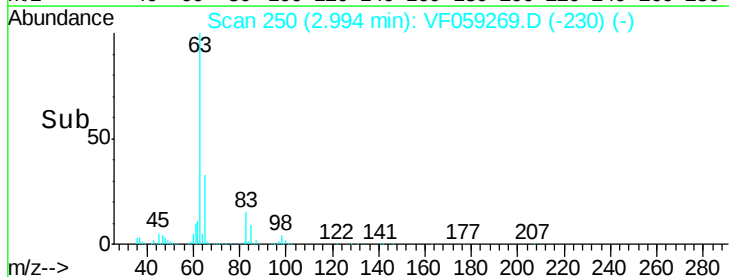
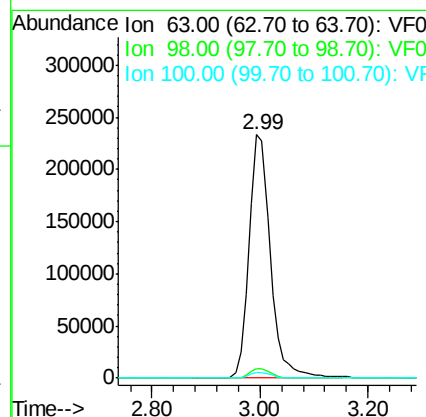
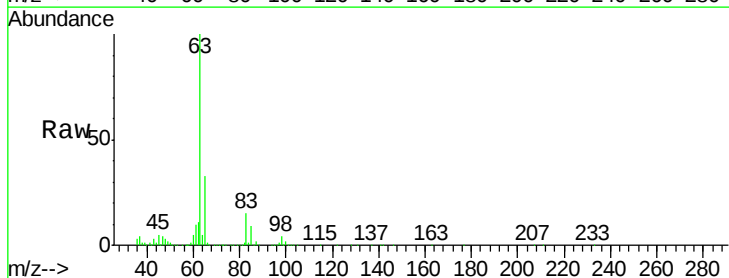
Tgt Ion: 63 Resp: 638868

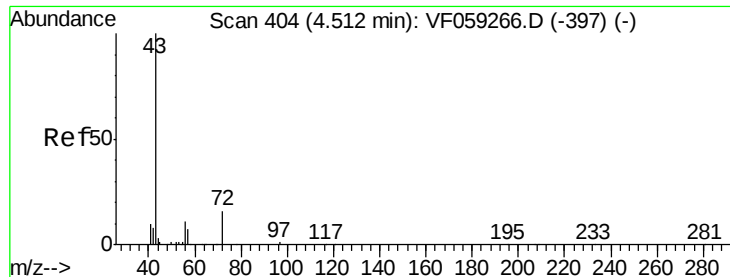
Ion Ratio Lower Upper

63 100

98 3.8 2.0 5.8

100 2.5 1.1 3.1





#25

2-Butanone

Concen: 665.19 ug/l

RT: 4.51 min Scan# 404

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Tot Ion: 43 Resp: 808828

Ion Ratio Lower Upper

43 100

72 19.4 15.2 22.8

Instrument :

MSVOA_F

ClientSampleId :

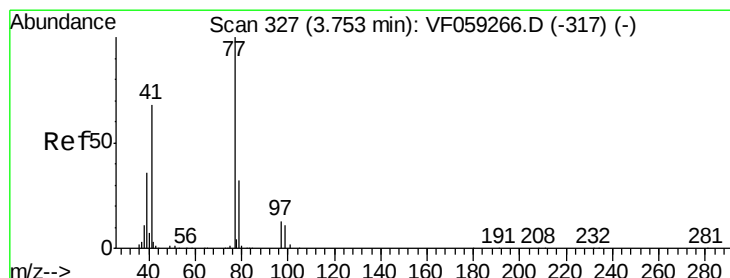
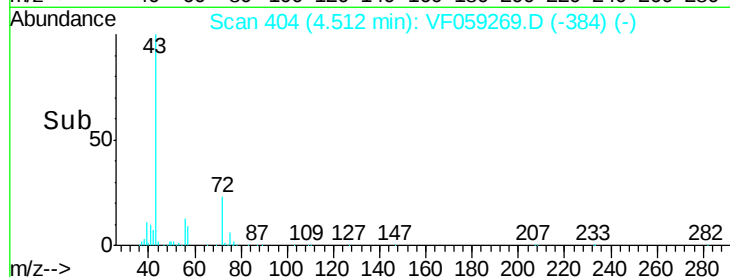
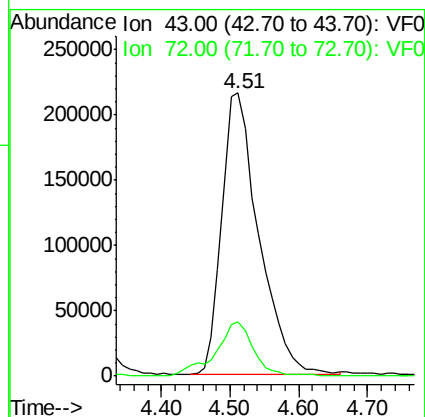
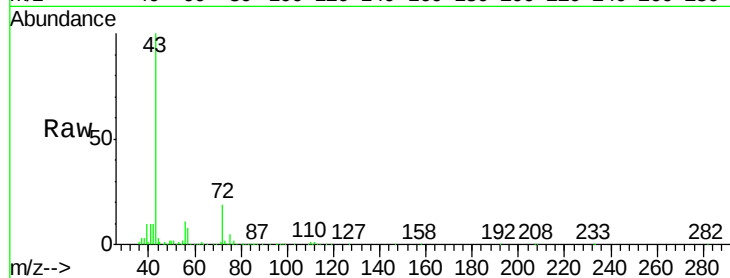
VSTDIC150

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#26

2,2-Dichloropropane

Concen: 136.17 ug/l

RT: 3.76 min Scan# 328

Delta R.T. 0.01 min

Lab File: VF059269.D

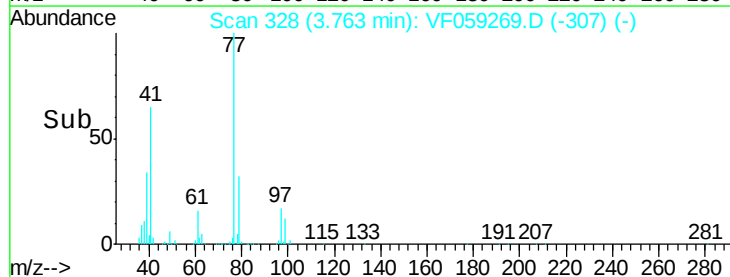
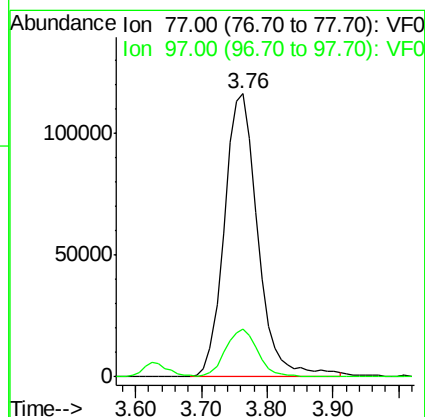
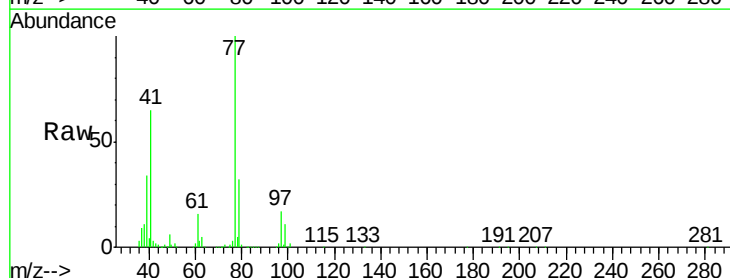
Acq: 21 Jun 2018 18:36

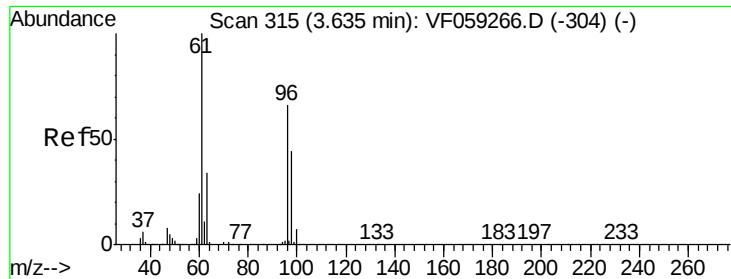
Tgt Ion: 77 Resp: 414679

Ion Ratio Lower Upper

77 100

97 17.1 7.6 22.8





#27

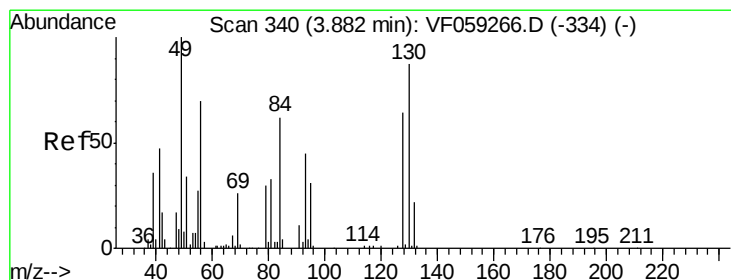
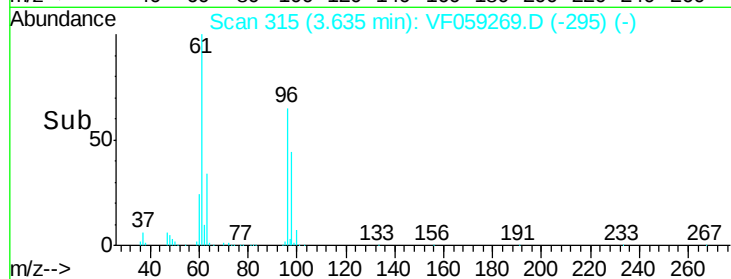
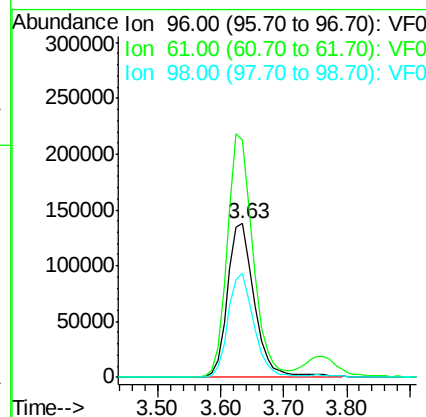
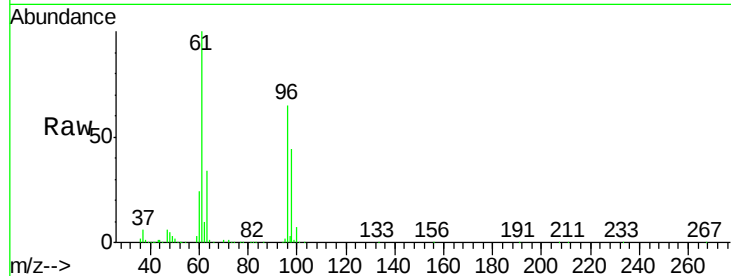
cis-1,2-Dichloroethene
Concen: 137.34 ug/l
RT: 3.63 min Scan# 315
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	410132		
61	153.9	0.0	305.0	
98	67.8	0.0	134.0	

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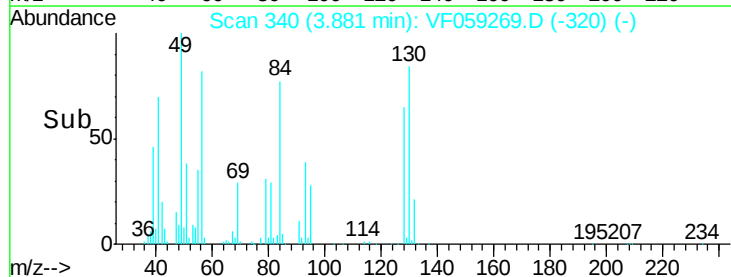
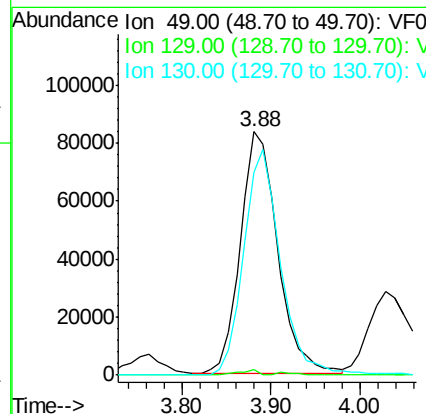
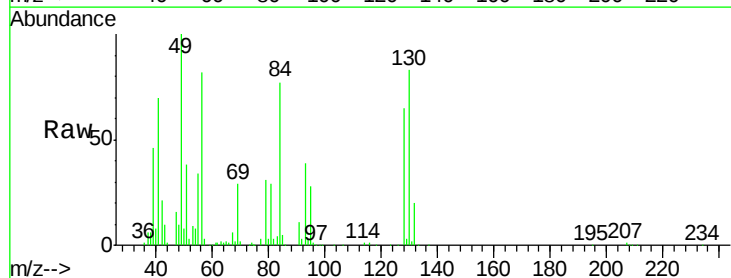
apatel
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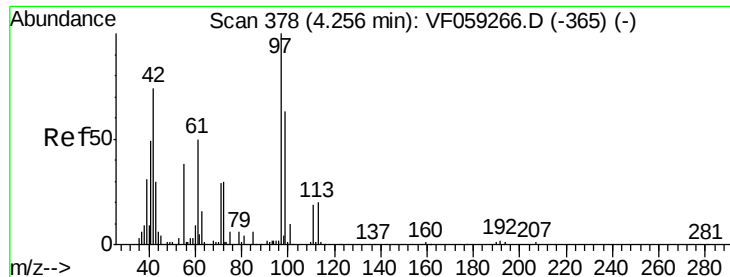


#28

Bromochloromethane
Concen: 129.33 ug/l
RT: 3.88 min Scan# 340
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	241418		
129	2.5	0.0	3.8	
130	83.1	69.4	104.2	





#29

Tetrahydrofuran

Concen: 694.31 ug/l

RT: 4.25 min Scan# 377

Delta R.T. -0.01 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

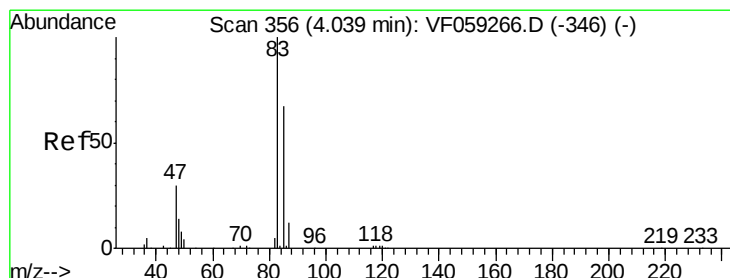
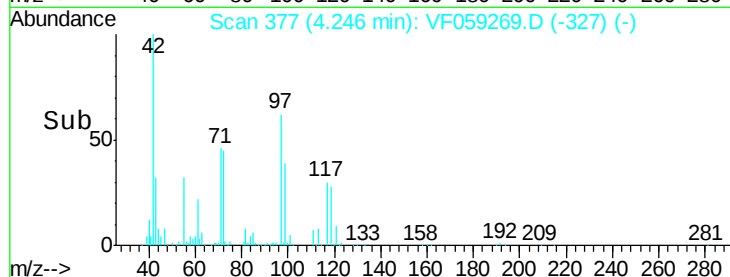
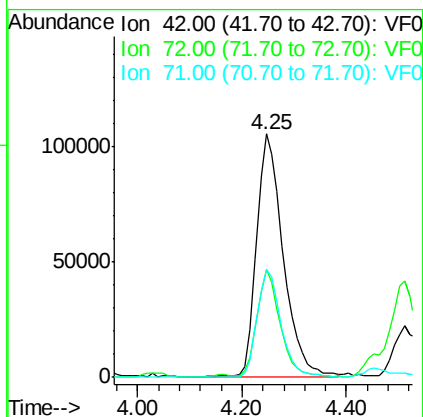
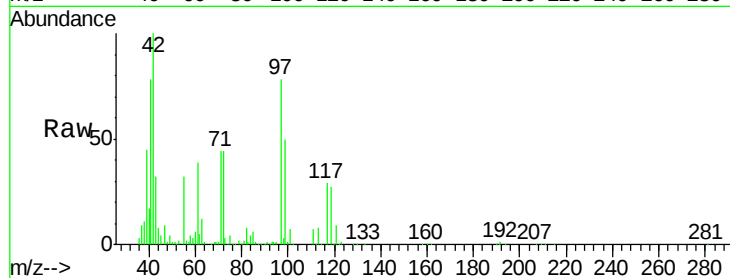
ClientSampleId :

VSTDIC150

Tot Ion:	42	Resp:	368346
Ion	Ratio	Lower	Upper
42	100		
72	37.9	31.2	46.8
71	39.5	30.2	45.2

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#30

Chloroform

Concen: 149.70 ug/l

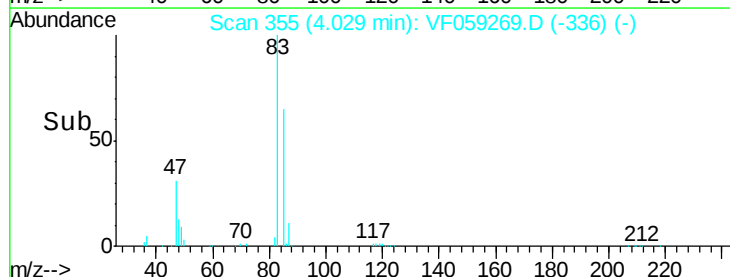
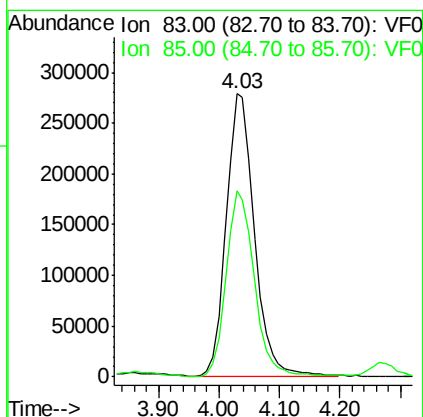
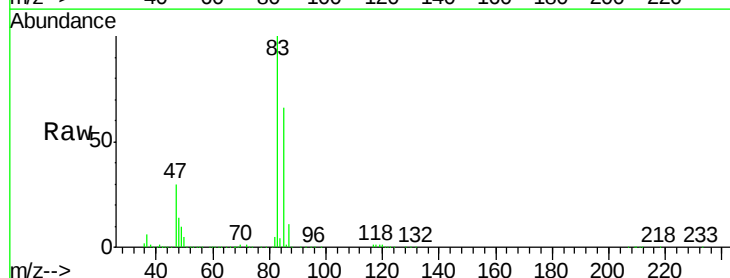
RT: 4.03 min Scan# 355

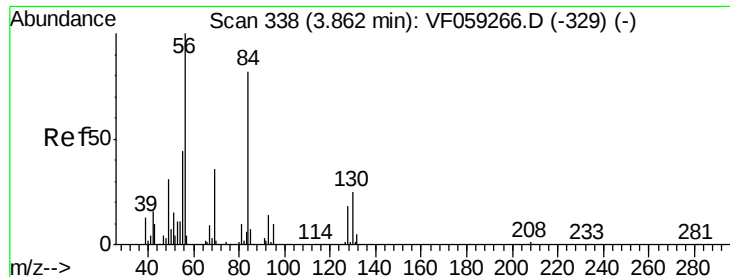
Delta R.T. -0.01 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Tgt Ion:	83	Resp:	900592
Ion	Ratio	Lower	Upper
83	100		
85	65.6	54.2	81.2





#31

Cyclohexane

Concen: 117.66 ug/l

RT: 3.86 min Scan# 338

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

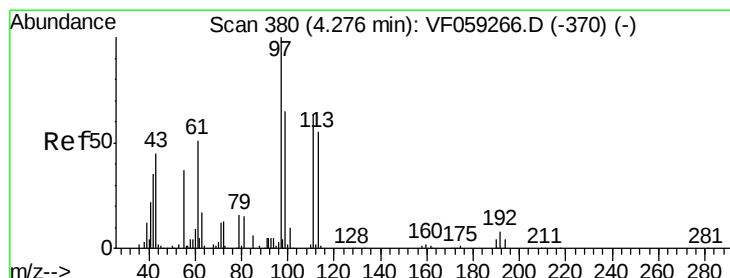
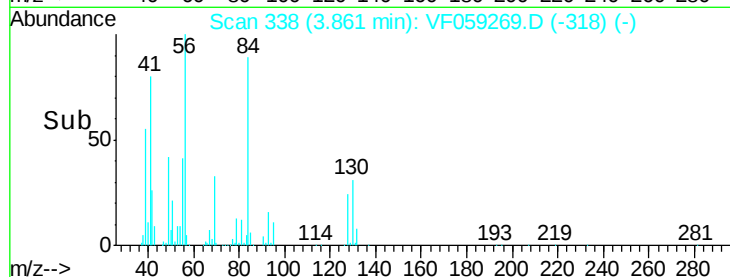
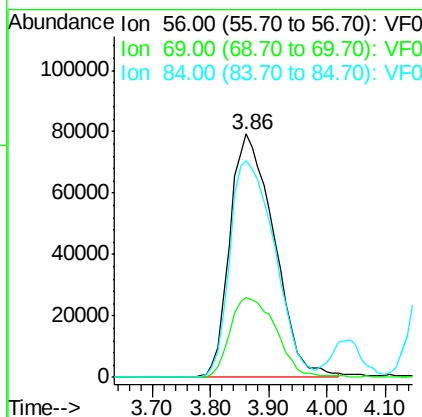
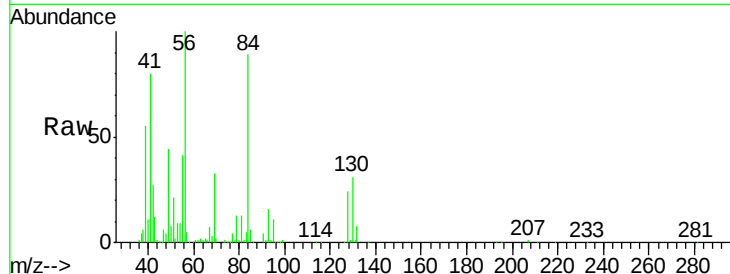
ClientSampleId :

VSTDIC150

Tot Ion:	56	Resp:	418592
Ion Ratio	Lower	Upper	
56	100		
69	32.6	28.6	43.0
84	89.3	65.8	98.6

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#32

1,1,1-Trichloroethane

Concen: 143.54 ug/l

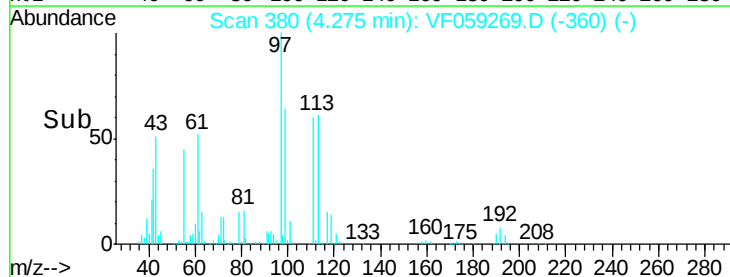
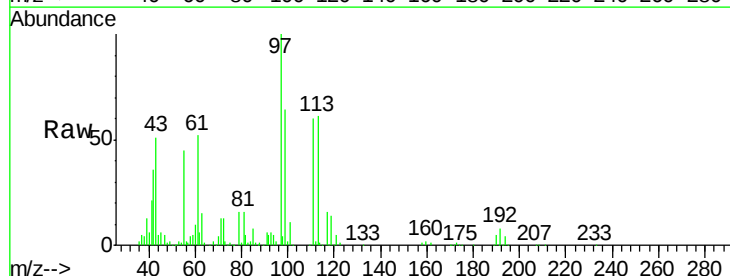
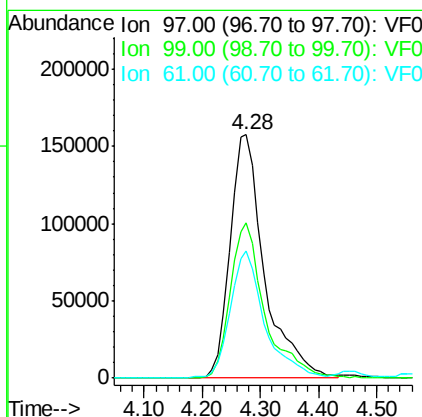
RT: 4.28 min Scan# 380

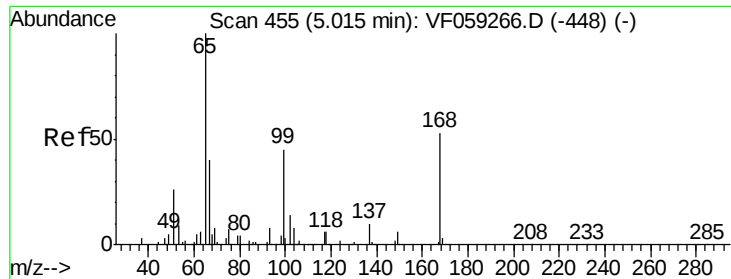
Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Tgt Ion:	97	Resp:	648608
Ion Ratio	Lower	Upper	
97	100		
99	63.9	52.4	78.6
61	52.3	40.9	61.3





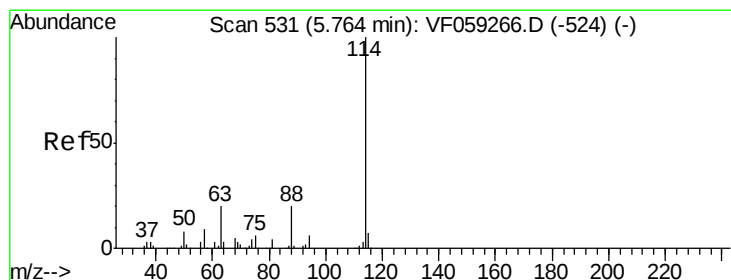
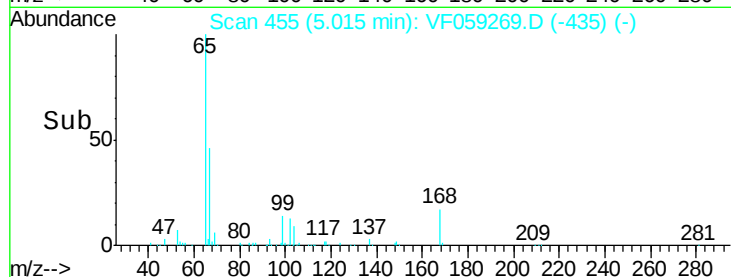
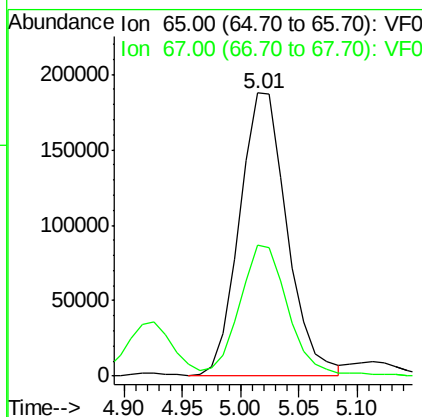
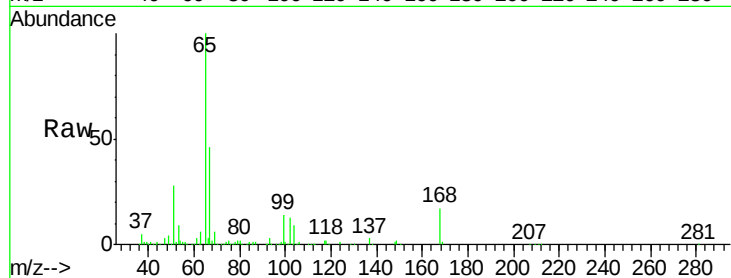
#33
 1,2-Dichloroethane-d4
 Concen: 158.34 ug/l
 RT: 5.01 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	528258		
67	46.1	0.0	95.8	

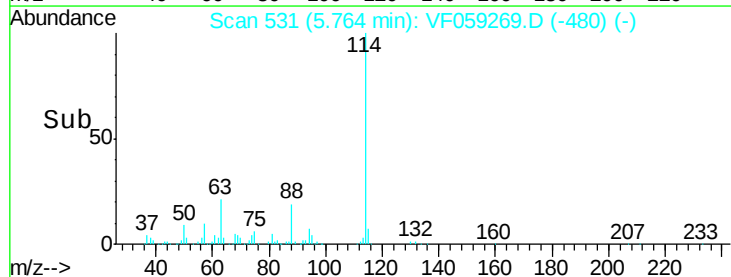
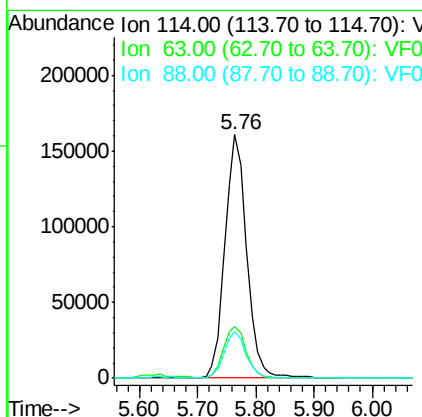
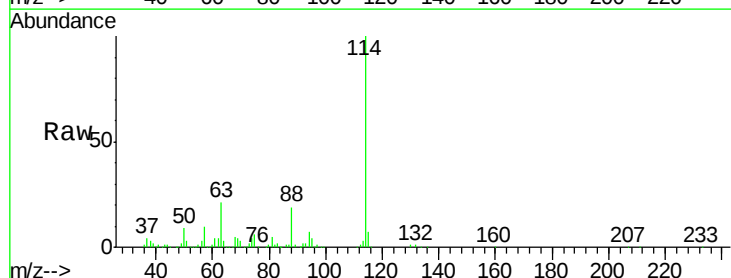
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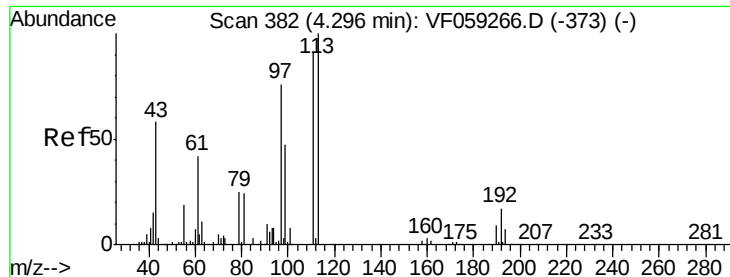
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	416700		
63	21.4	0.0	41.0	
88	19.3	0.0	39.6	





#35

Dibromofluoromethane

Concen: 153.52 ug/l

RT: 4.29 min Scan# 382

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

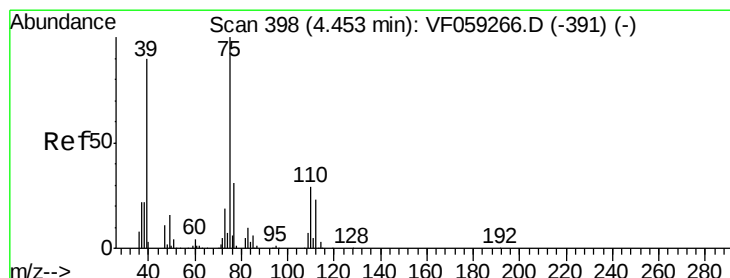
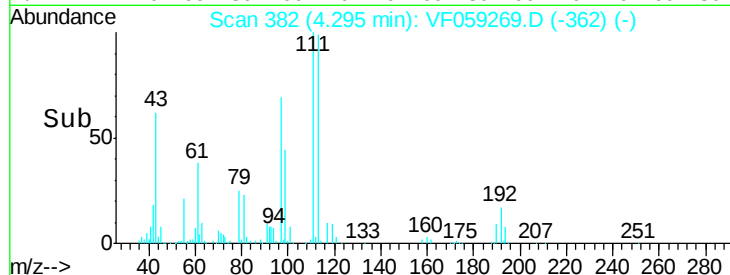
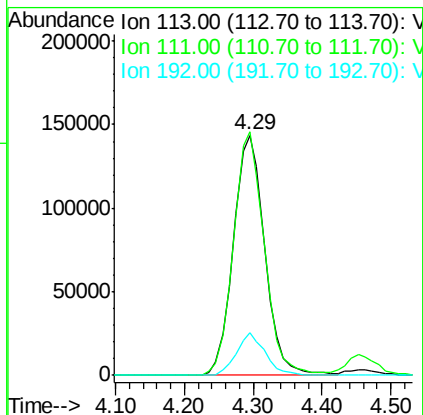
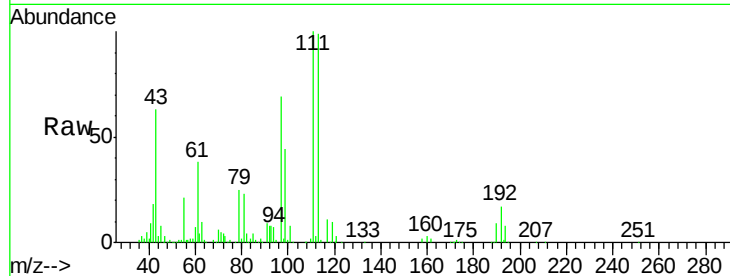
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	453136
Ion	Ratio	Lower	Upper
113	100		
111	101.3	73.1	109.7
192	17.7	13.9	20.9

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#36

1,1-Dichloropropene

Concen: 149.10 ug/l

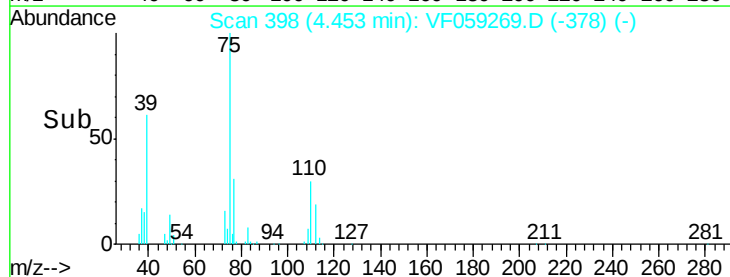
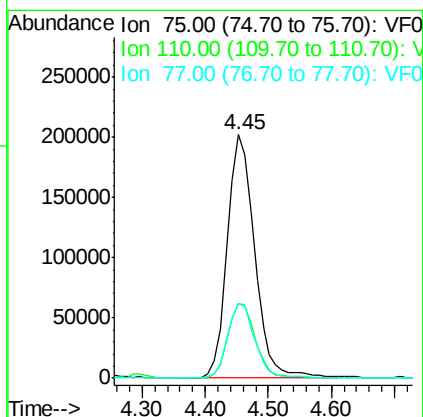
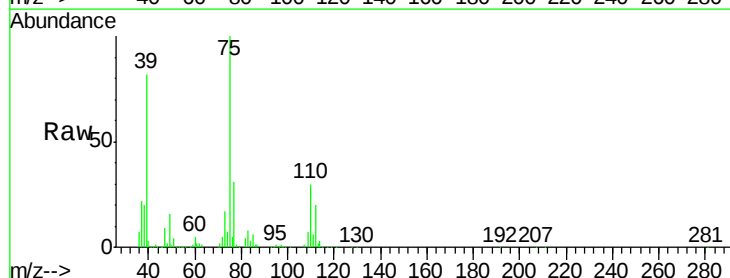
RT: 4.45 min Scan# 398

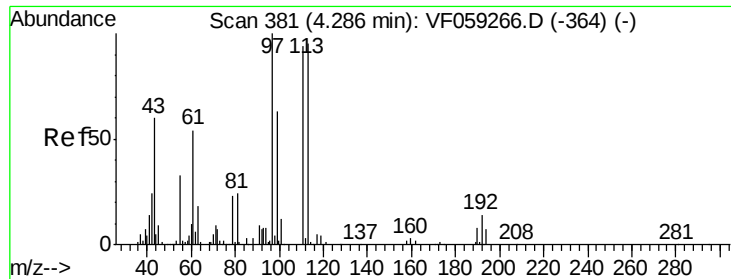
Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Tgt Ion:	75	Resp:	604209
Ion	Ratio	Lower	Upper
75	100		
110	30.4	14.5	43.5
77	30.5	25.0	37.6





#37

Ethyl Acetate

Concen: 149.54 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

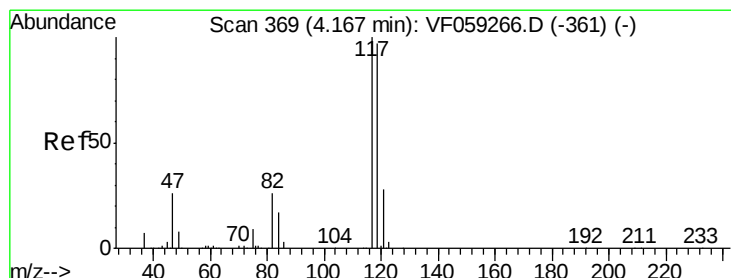
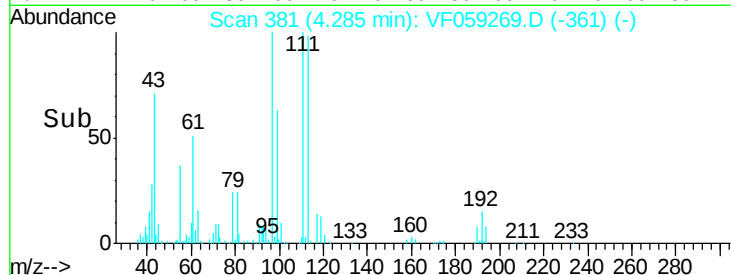
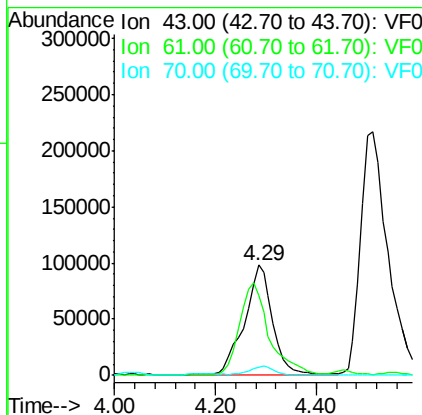
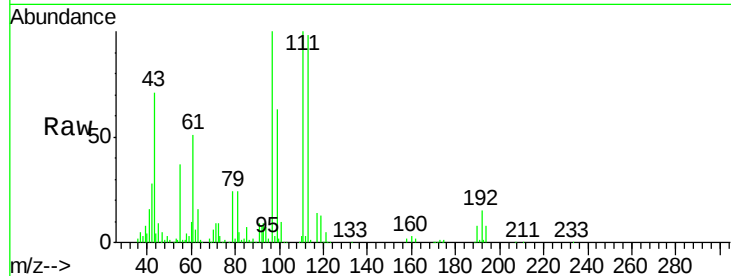
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	378305
Ion	Ratio	Lower	Upper
43	100		
61	72.0	71.6	107.4
70	7.7	6.9	10.3

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#38

Carbon Tetrachloride

Concen: 161.71 ug/l m

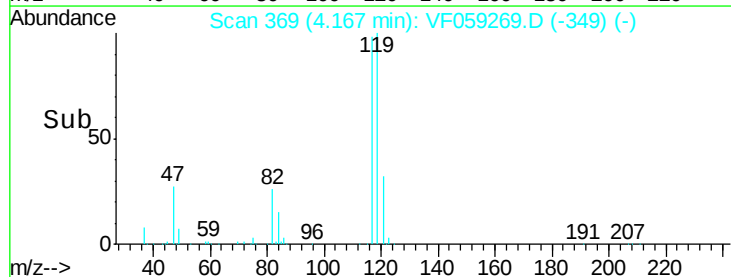
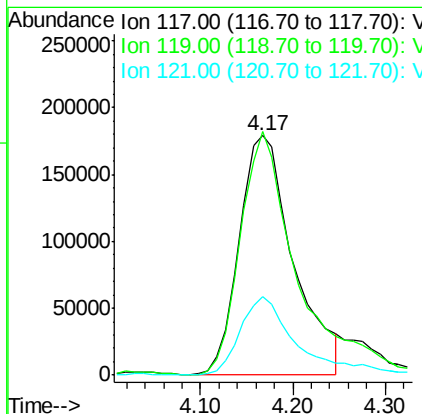
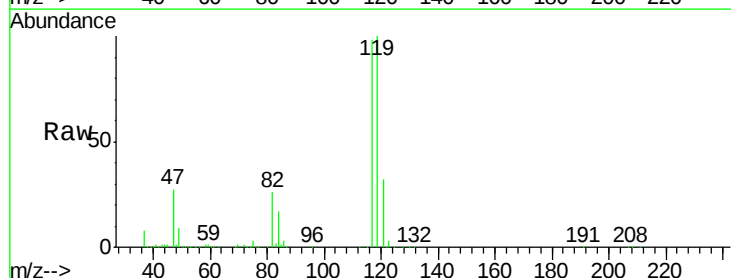
RT: 4.17 min Scan# 369

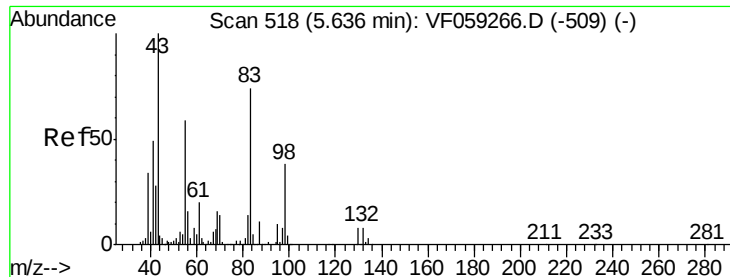
Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Tgt Ion:	117	Resp:	726970
Ion	Ratio	Lower	Upper
117	100		
119	101.6	77.5	116.3
121	32.7	22.2	33.4





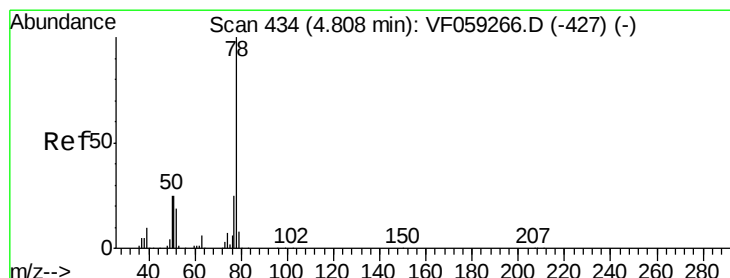
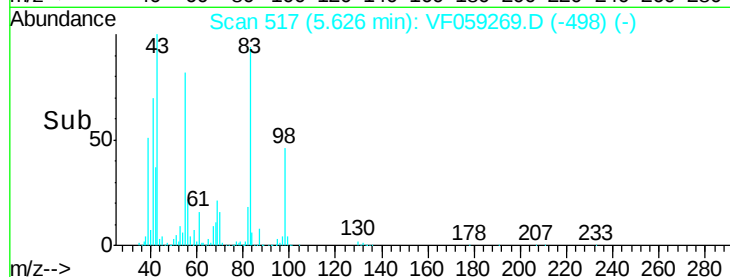
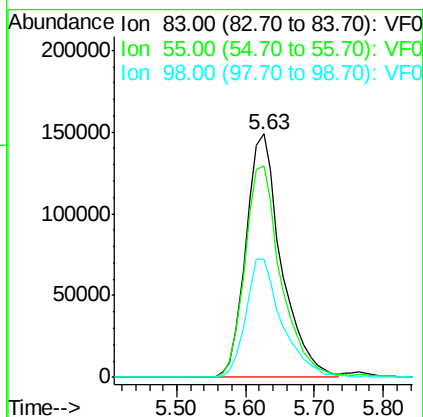
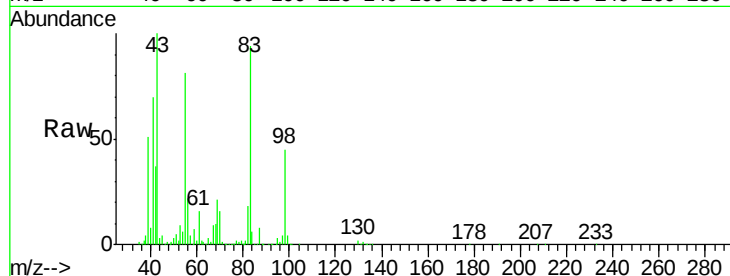
#39
Methvlcvclohexane
Concen: 132.66 ug/l
RT: 5.63 min Scan# 517
Delta R.T. -0.01 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.7	63.7	95.5
98	48.4	41.6	62.4

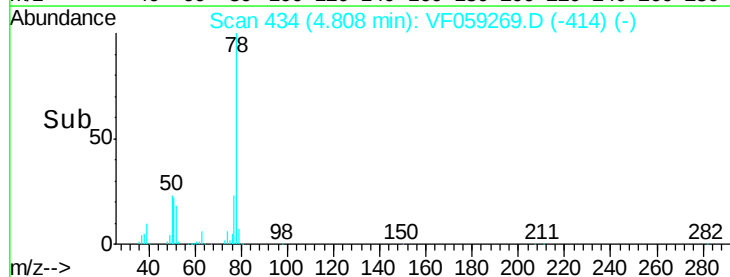
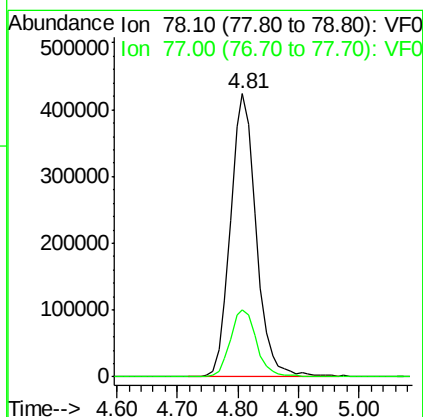
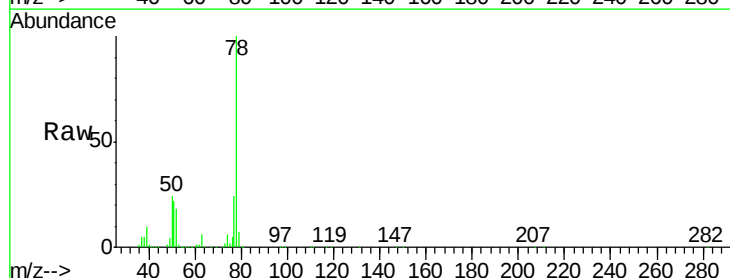
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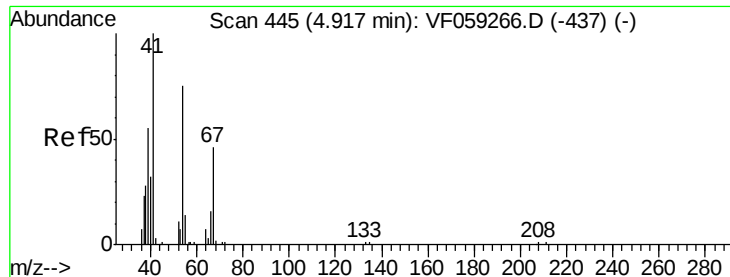
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#40
Benzene
Concen: 134.18 ug/l
RT: 4.81 min Scan# 434
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	20.4	30.6





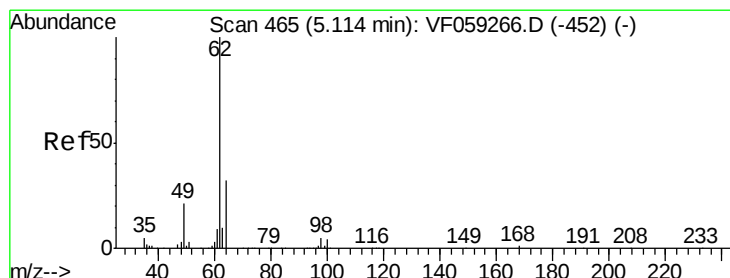
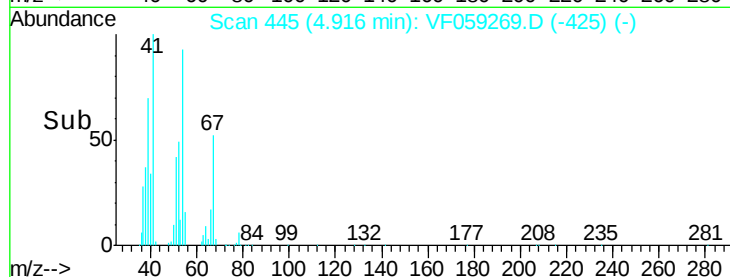
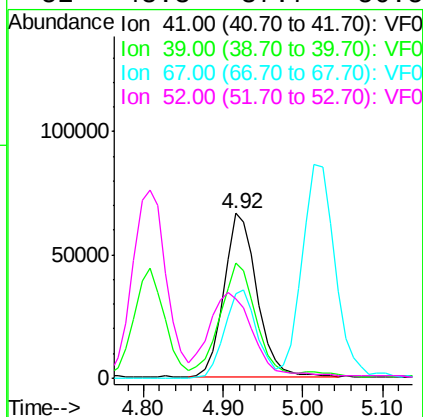
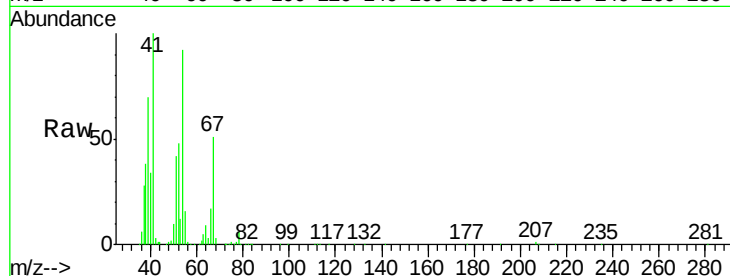
#41
Methacrylonitrile
Concen: 155.15 ug/l
RT: 4.92 min Scan# 445
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC150

Tot Ion	41	Resp	192689
Ion Ratio	Lower	Upper	
41	100		
39	69.6	57.0	85.6
67	50.9	36.8	55.2
52	48.3	37.7	56.5

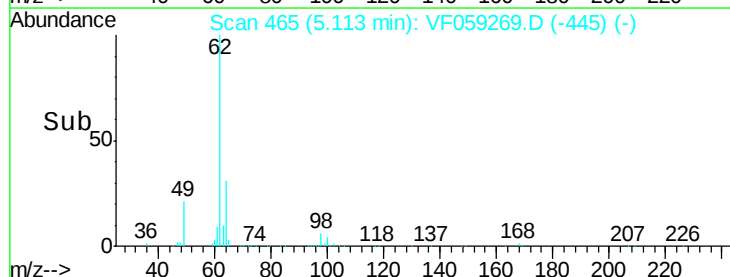
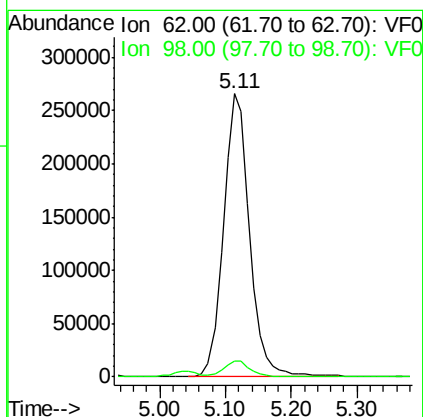
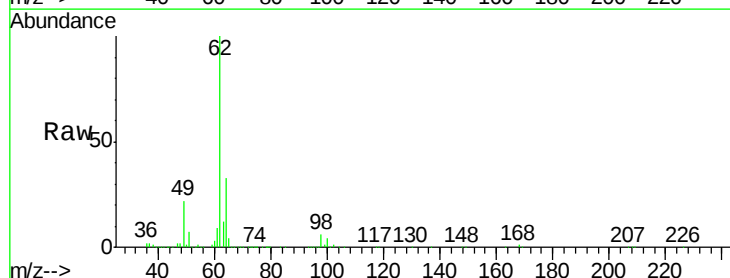
Manual Integrations
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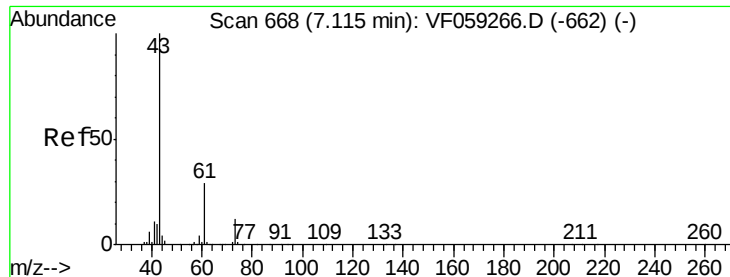
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#42
1,2-Dichloroethane
Concen: 167.03 ug/l
RT: 5.11 min Scan# 465
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Tgt Ion	62	Resp	735224
Ion Ratio	Lower	Upper	
62	100		
98	5.8	0.0	10.4





#43

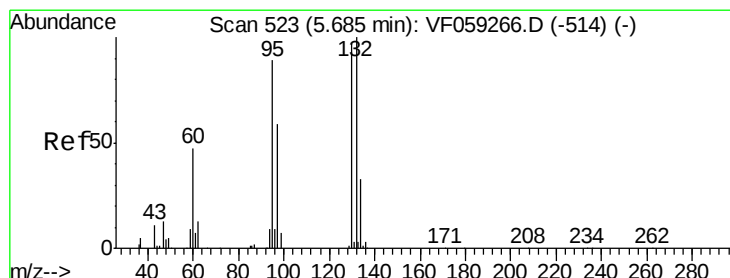
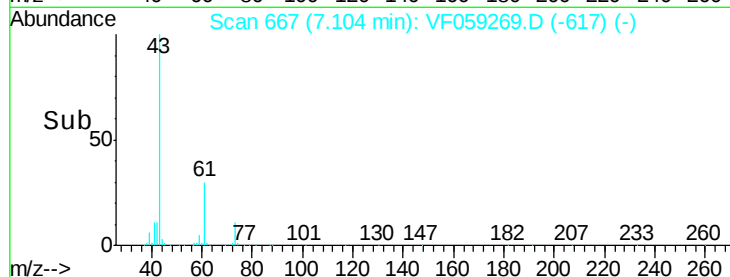
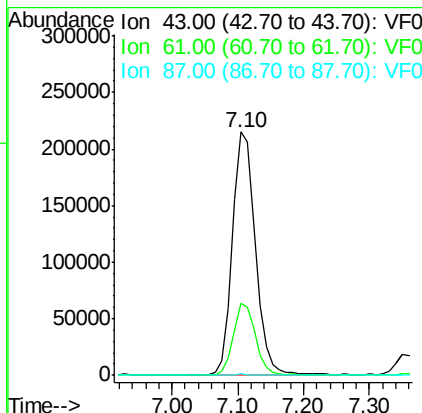
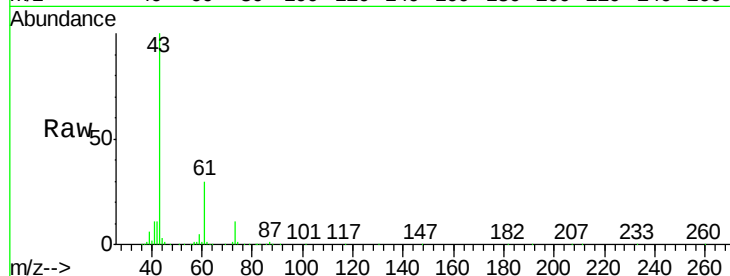
Isopropyl Acetate
 Concen: 155.00 ug/l
 RT: 7.10 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.6	22.8	34.2
87	0.5	0.3	0.5#

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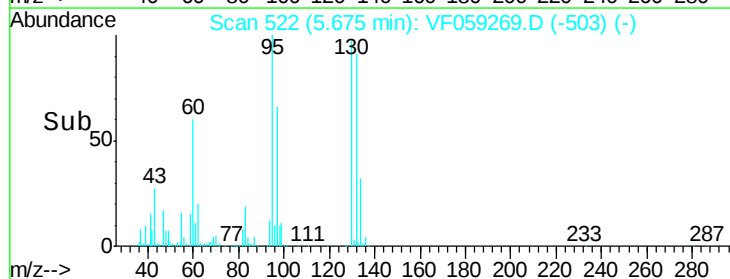
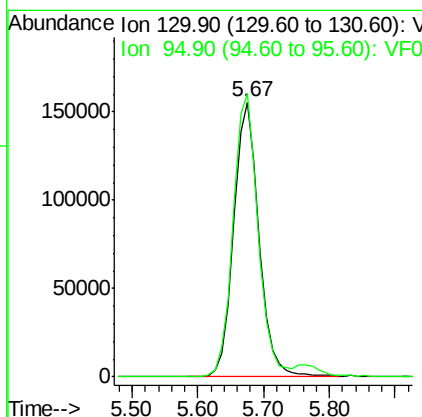
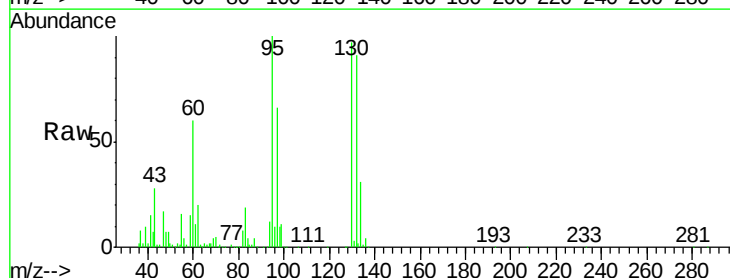
apatel
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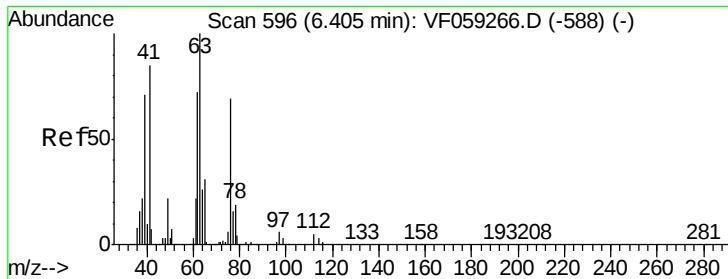


#44

Trichloroethene
 Concen: 140.57 ug/l
 RT: 5.67 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	183.6





#45

1,2-Dichloropropane

Concen: 135.46 ug/l

RT: 6.39 min Scan# 595

Delta R.T. -0.01 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 365130

Ion Ratio Lower Upper

63 100

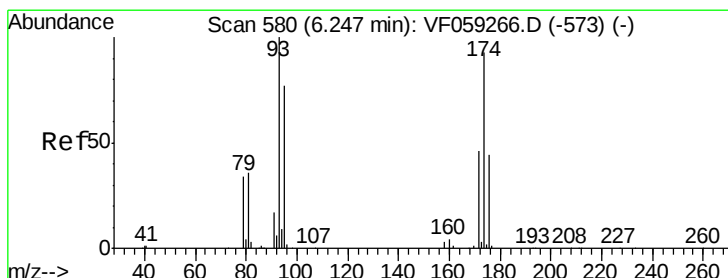
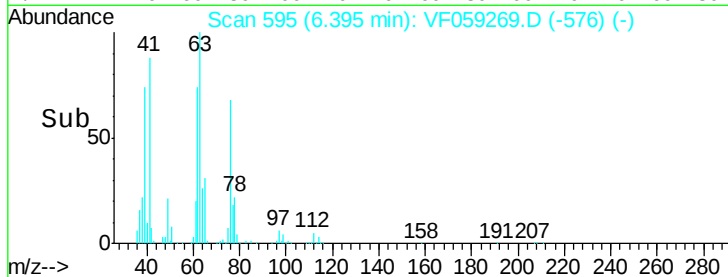
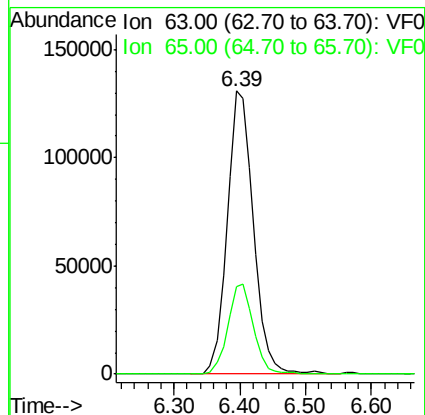
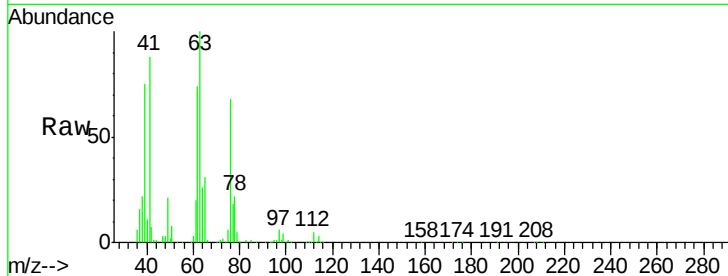
65 31.0 25.3 37.9

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#46

Dibromomethane

Concen: 152.62 ug/l

RT: 6.26 min Scan# 581

Delta R.T. 0.01 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

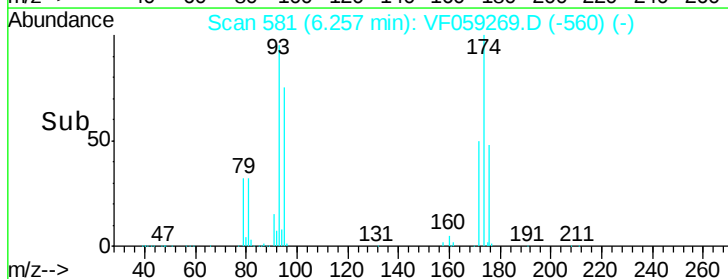
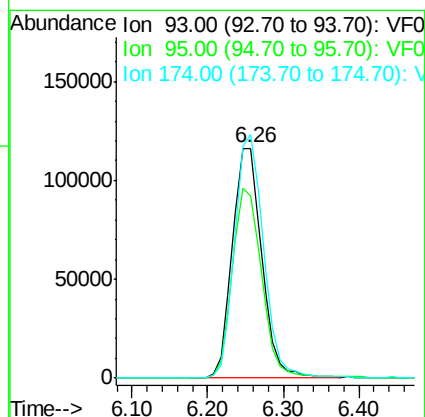
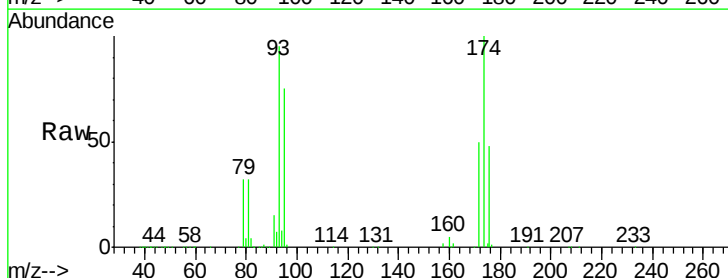
Tgt Ion: 93 Resp: 313652

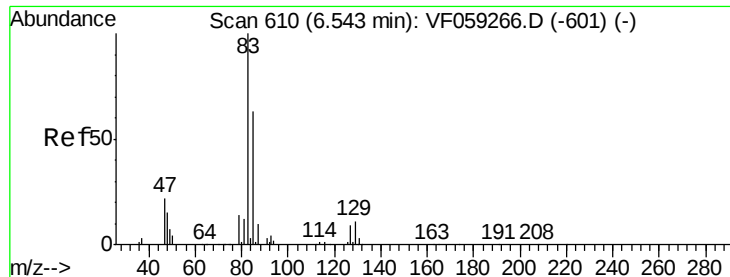
Ion Ratio Lower Upper

93 100

95 79.2 61.8 92.6

174 105.8 74.4 111.6





#47

Bromodichloromethane

Concen: 155.40 ug/l

RT: 6.54 min Scan# 610

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

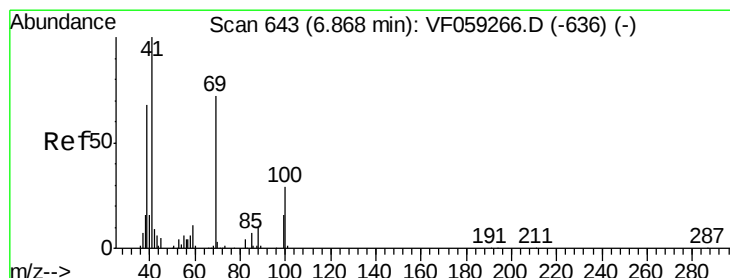
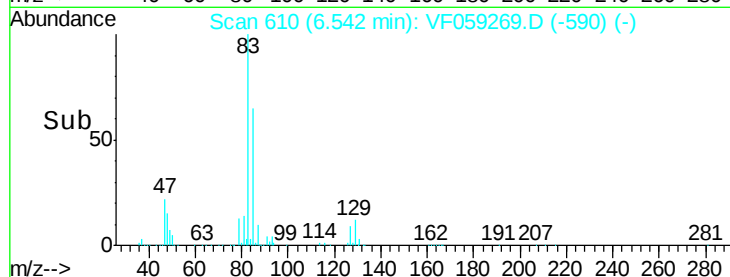
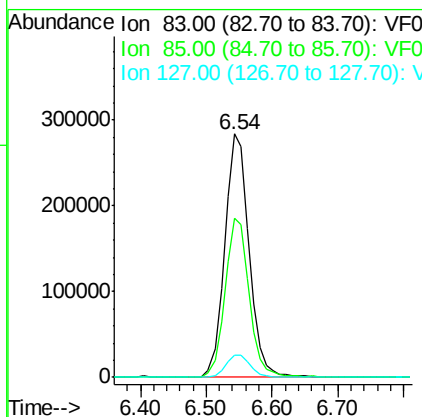
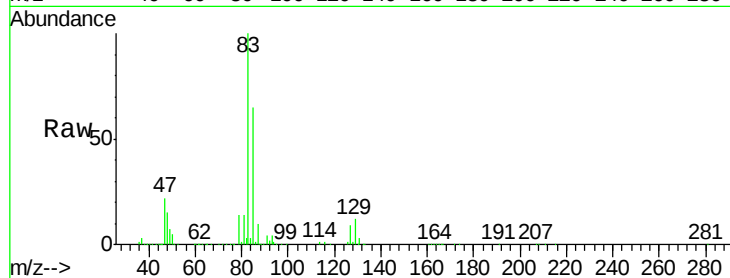
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	737135
Ion Ratio	Lower	Upper	
83	100		
85	65.5	50.3	75.5
127	9.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 164.05 ug/l

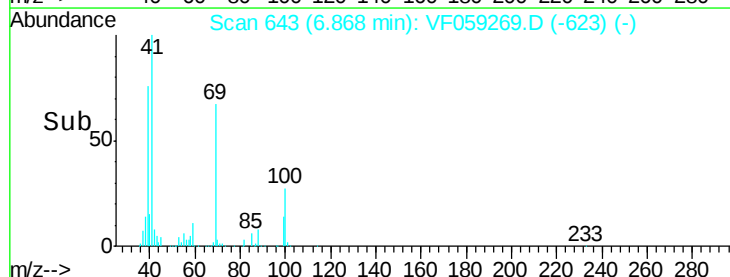
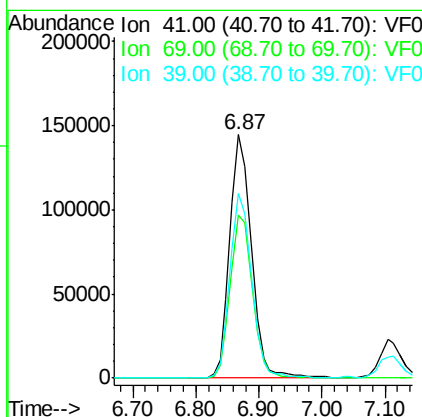
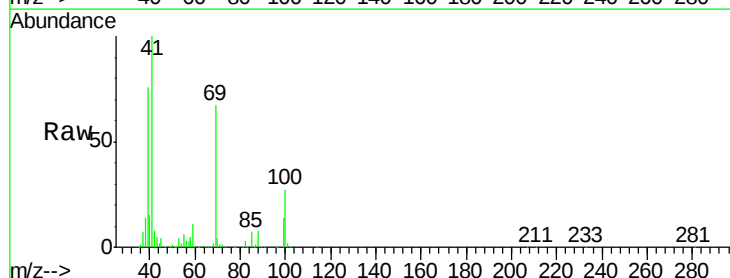
RT: 6.87 min Scan# 643

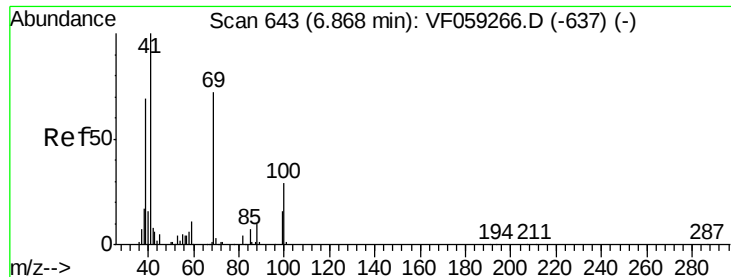
Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Tgt Ion:	41	Resp:	341493
Ion Ratio	Lower	Upper	
41	100		
69	67.1	57.4	86.2
39	75.7	54.8	82.2





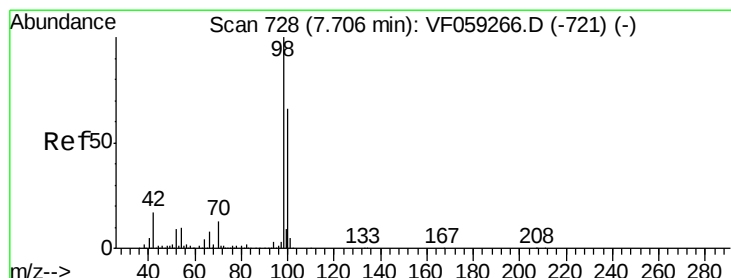
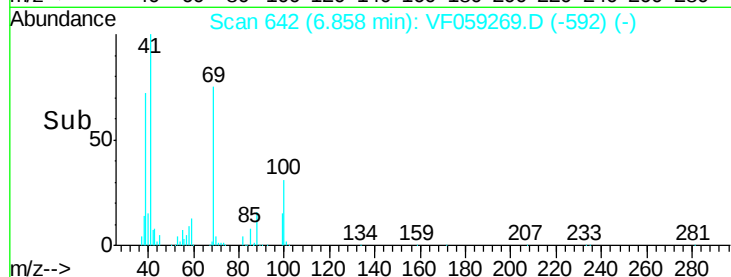
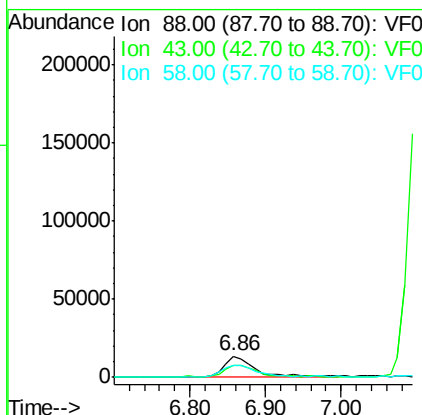
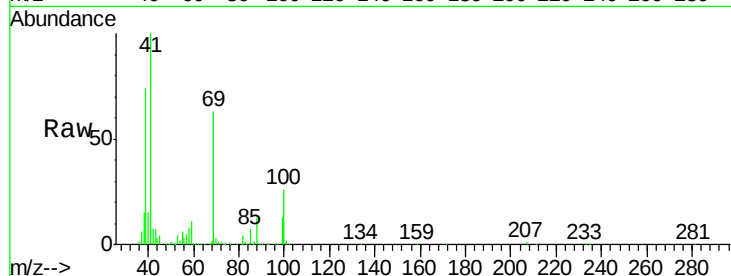
#49
1,4-Dioxane
Concen: 2834.51 ug/l
RT: 6.86 min Scan# 642
Delta R.T. -0.01 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC150

Tot Ion: 88 Resp: 39082
Ion Ratio Lower Upper
88 100
43 53.4 55.5 83.3#
58 57.0 50.1 75.1

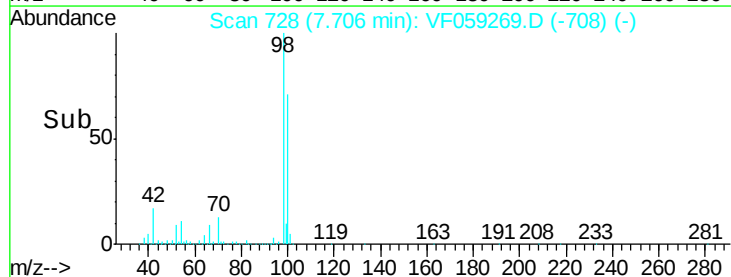
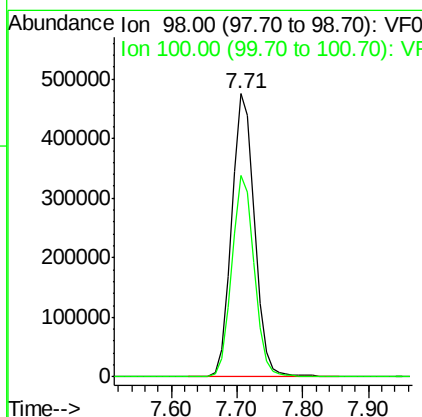
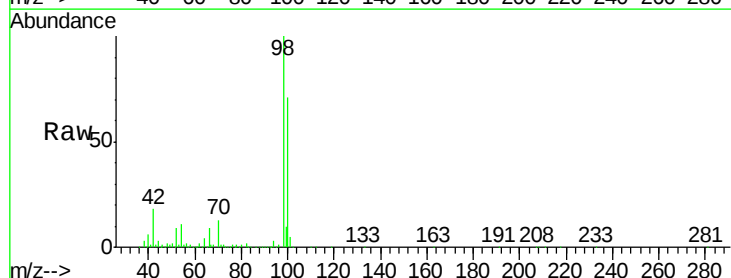
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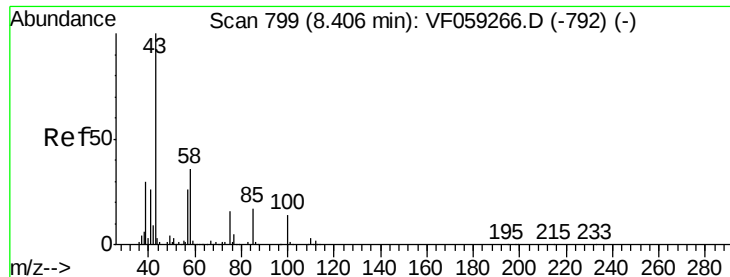
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#50
Toluene-d8
Concen: 137.61 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Tgt Ion: 98 Resp: 1167204
Ion Ratio Lower Upper
98 100
100 71.0 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 703.66 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1642058

Ion Ratio Lower Upper

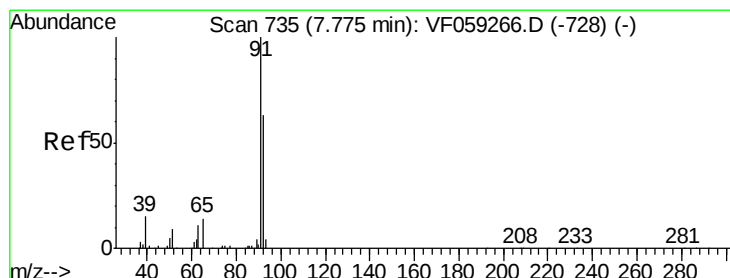
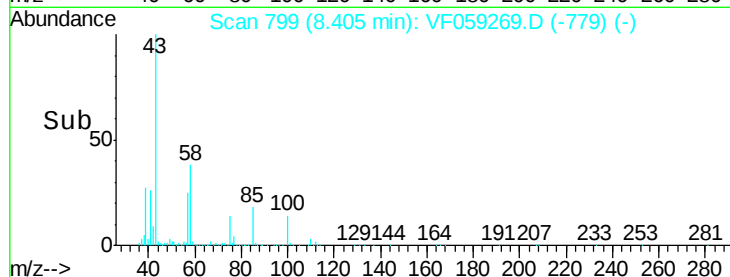
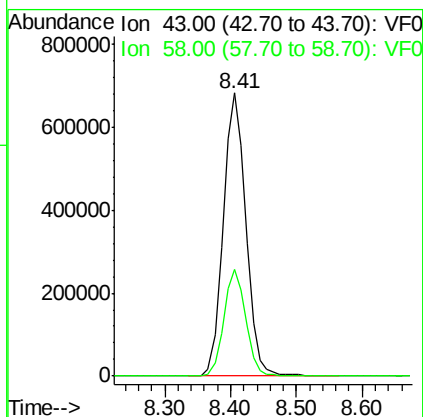
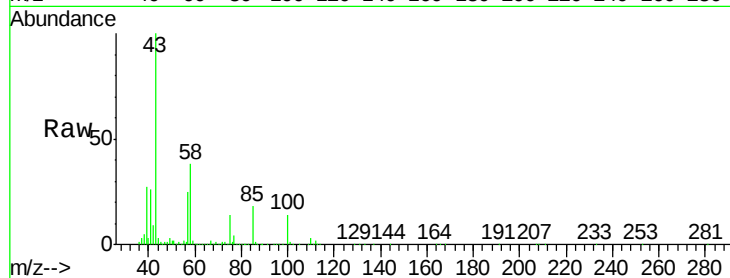
43 100

58 37.7 29.0 43.6

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#52

Toluene

Concen: 137.17 ug/l

RT: 7.77 min Scan# 735

Delta R.T. -0.00 min

Lab File: VF059269.D

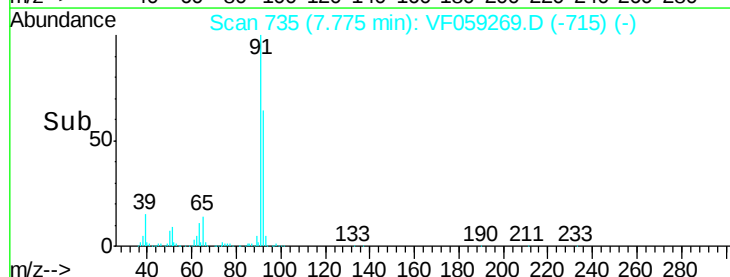
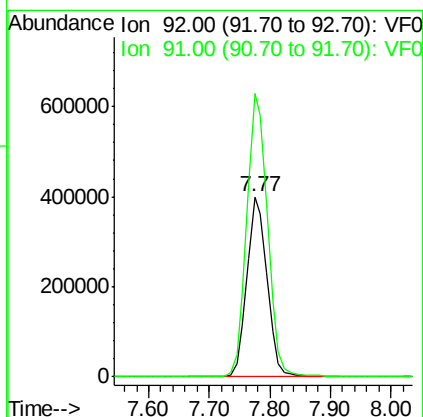
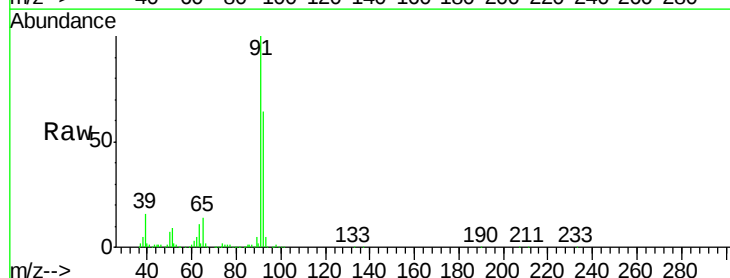
Acq: 21 Jun 2018 18:36

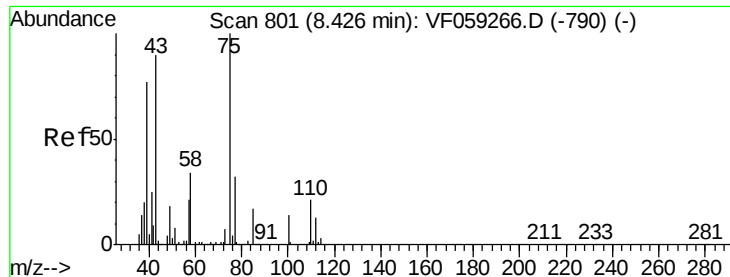
Tgt Ion: 92 Resp: 928309

Ion Ratio Lower Upper

92 100

91 157.3 127.8 191.6





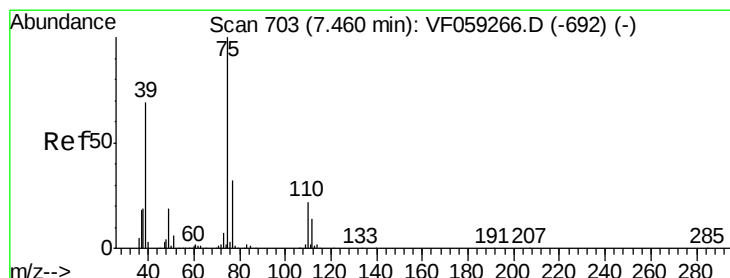
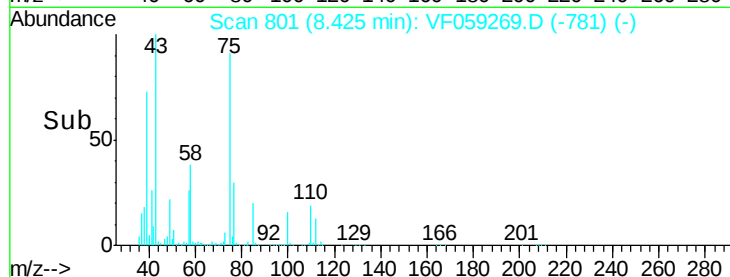
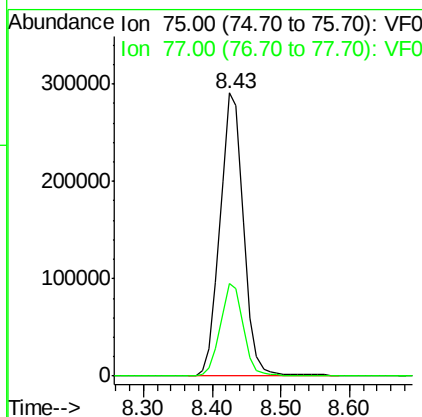
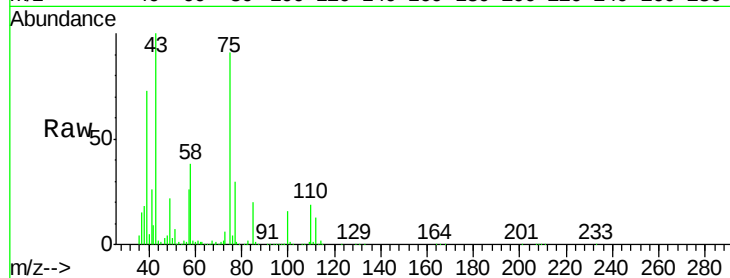
#53
t-1,3-Dichloropropene
Concen: 148.54 ug/l
RT: 8.43 min Scan# 801
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.1	39.1

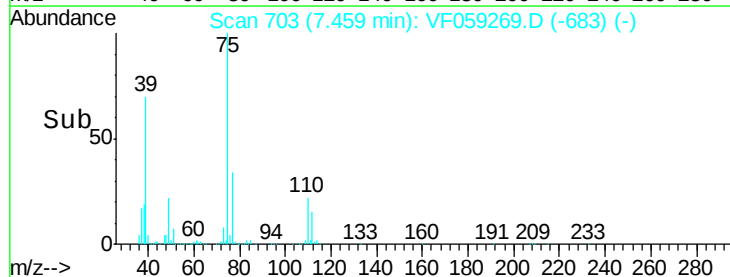
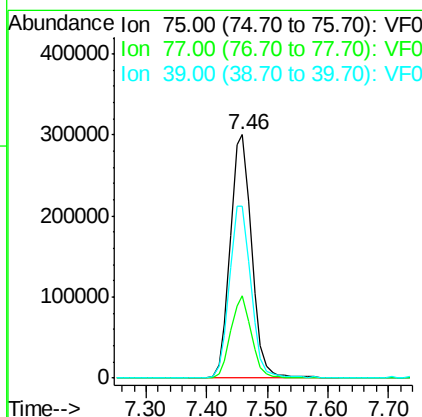
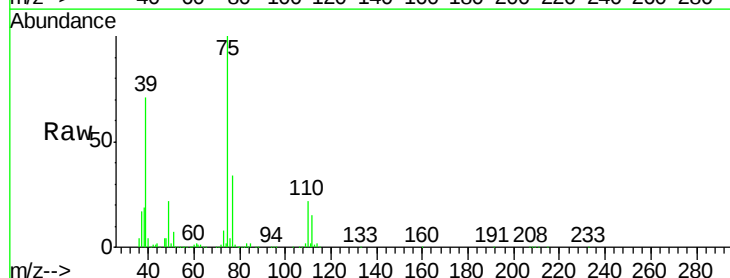
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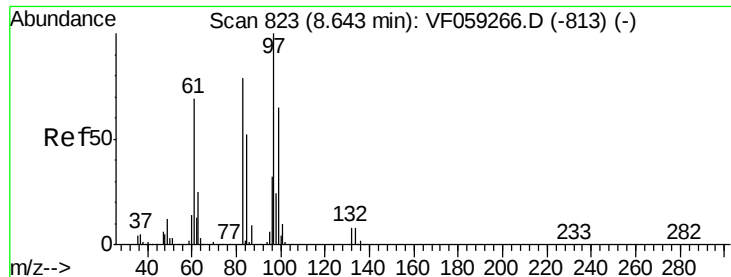
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#54
cis-1,3-Dichloropropene
Concen: 142.71 ug/l
RT: 7.46 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.0	26.0	39.0
39	70.6	55.5	83.3





#55

1,1,2-Trichloroethane

Concen: 150.99 ug/l

RT: 8.64 min Scan# 823

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

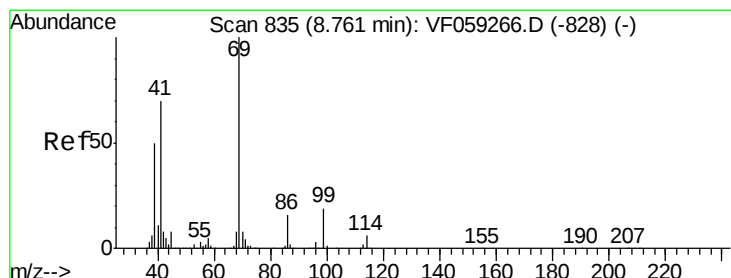
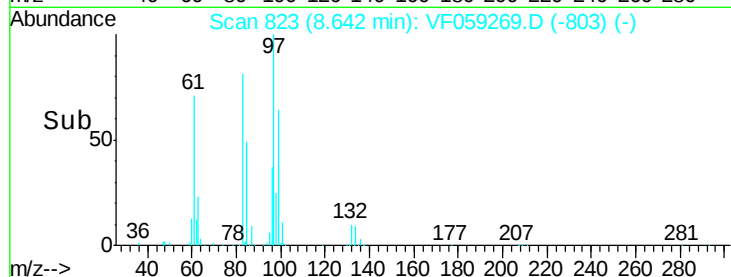
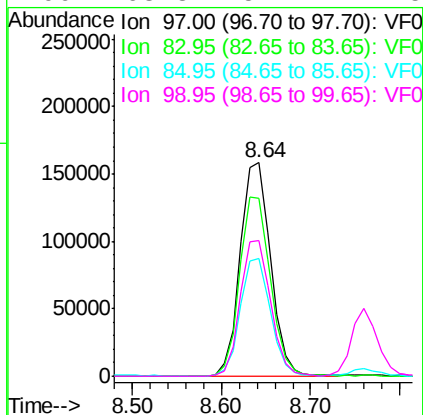
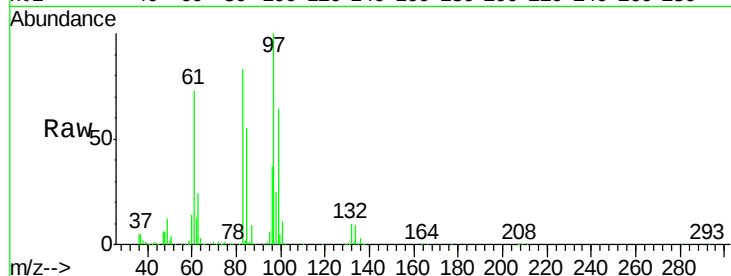
ClientSampleId :

VSTDIC150

Tot Ion:	97	Resp:	376424
Ion	Ratio	Lower	Upper
97	100		
83	83.0	63.2	94.8
85	55.1	41.8	62.6
99	63.8	51.7	77.5

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#56

Ethyl methacrylate

Concen: 151.87 ug/l

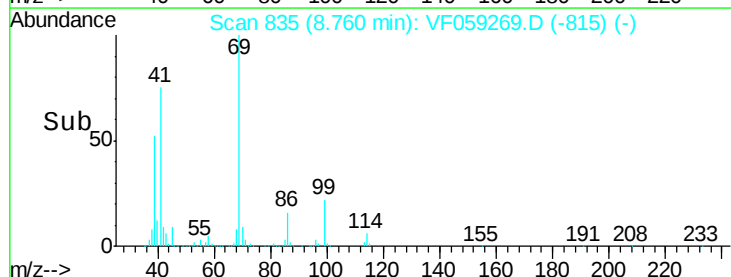
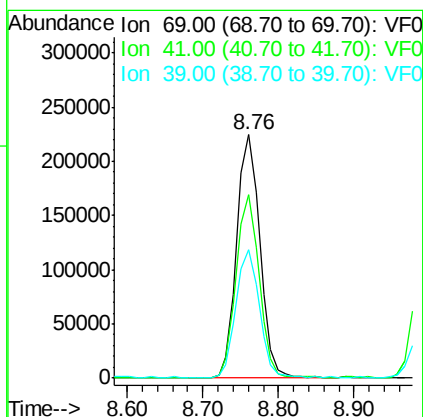
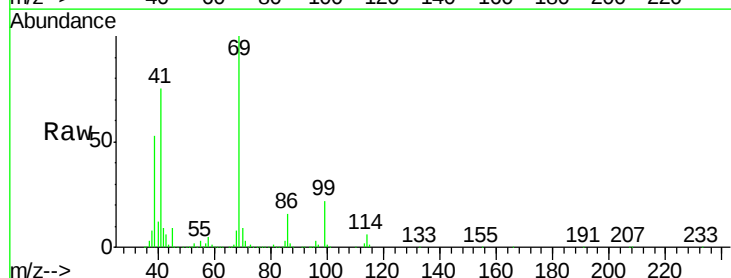
RT: 8.76 min Scan# 835

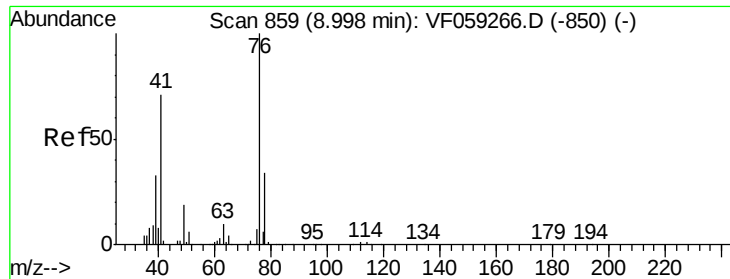
Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Tgt Ion:	69	Resp:	477090
Ion	Ratio	Lower	Upper
69	100		
41	75.3	56.6	85.0
39	52.6	40.5	60.7





#57

1,3-Dichloropropane

Concen: 146.28 ug/l

RT: 9.00 min Scan# 859

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 619122

Ion Ratio Lower Upper

76 100

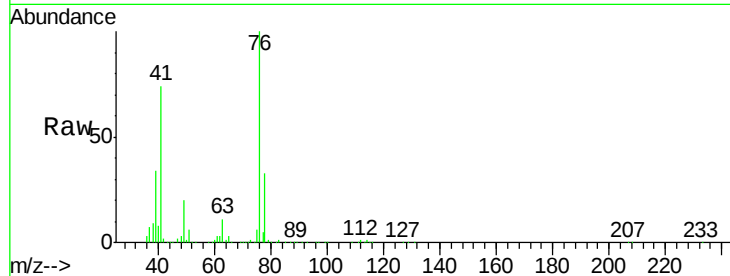
78 32.7 27.5 41.3

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Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

9.00

250000

200000

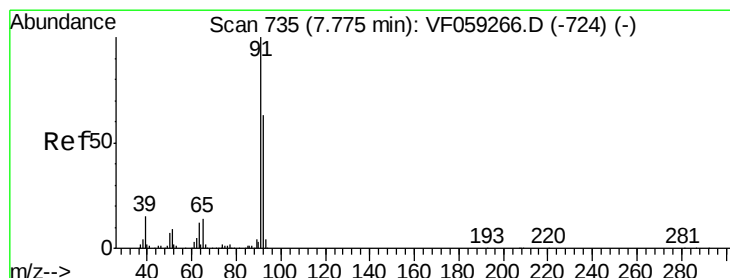
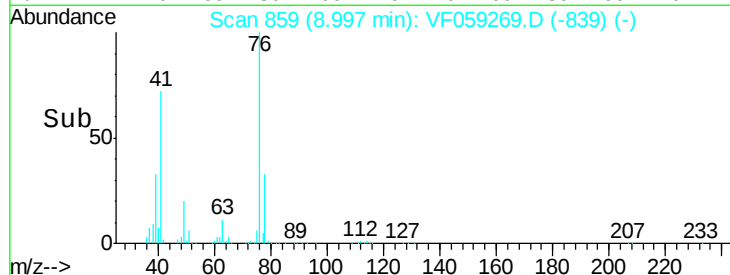
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 726.16 ug/l

RT: 7.77 min Scan# 735

Delta R.T. -0.00 min

Lab File: VF059269.D

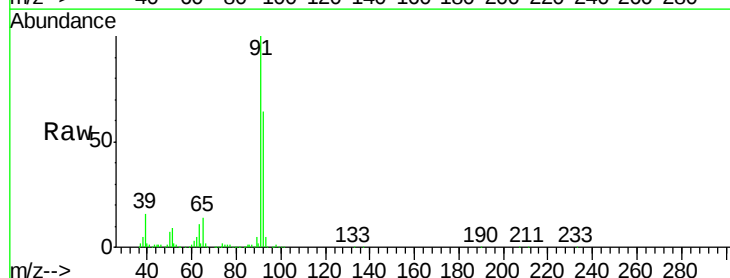
Acq: 21 Jun 2018 18:36

Tgt Ion: 63 Resp: 164646

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

7.77

80000

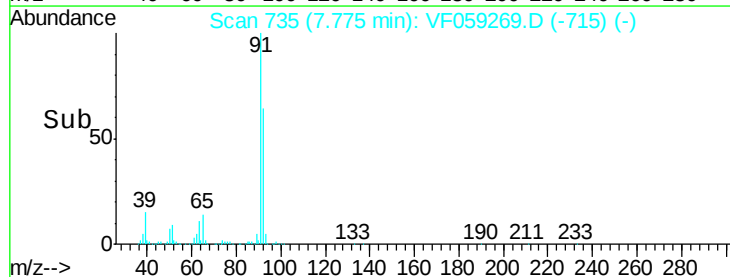
60000

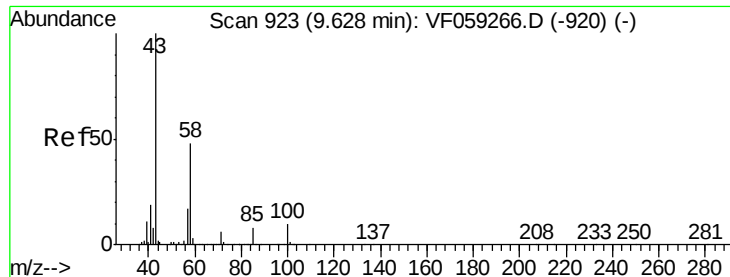
40000

20000

0

Time-->





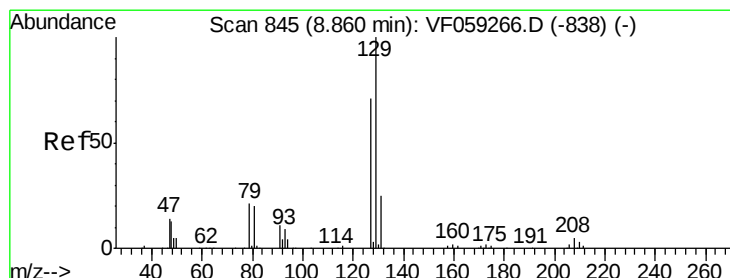
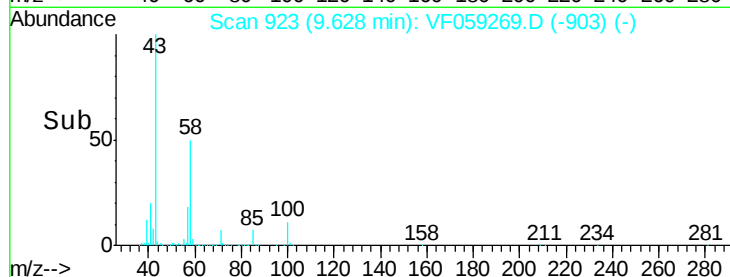
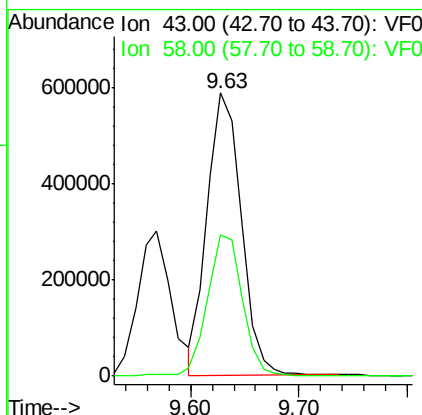
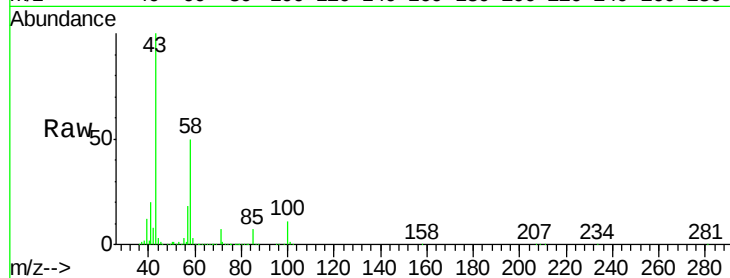
#59
2-Hexanone
Concen: 699.52 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1291904
Ion Ratio Lower Upper
43 100
58 49.8 23.3 69.9

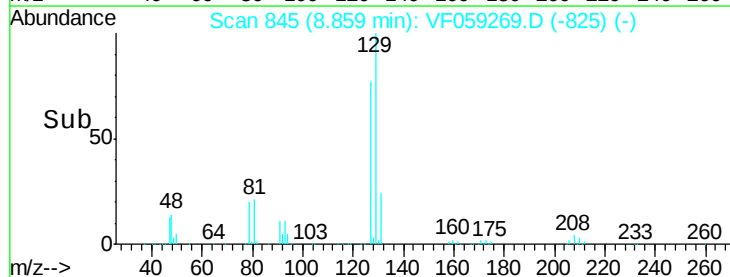
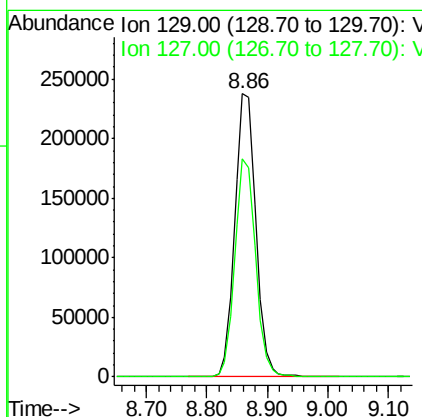
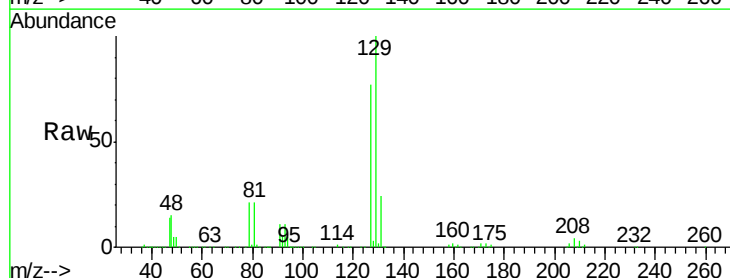
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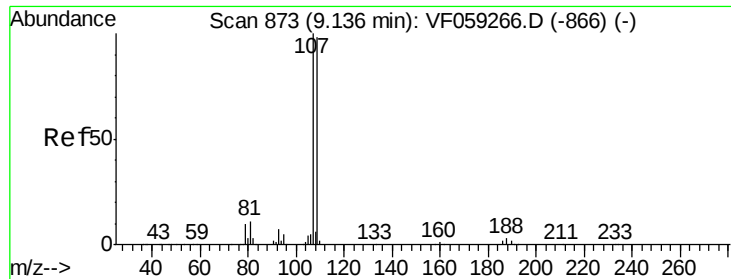
apatel
6/22/2018 11:34:46 AM



#60
Dibromochloromethane
Concen: 159.07 ug/l
RT: 8.86 min Scan# 845
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Tgt Ion: 129 Resp: 576103
Ion Ratio Lower Upper
129 100
127 77.2 35.4 106.2





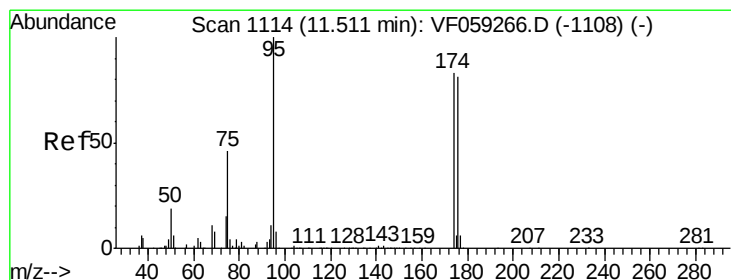
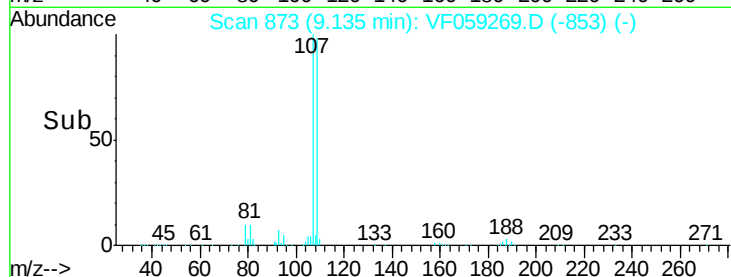
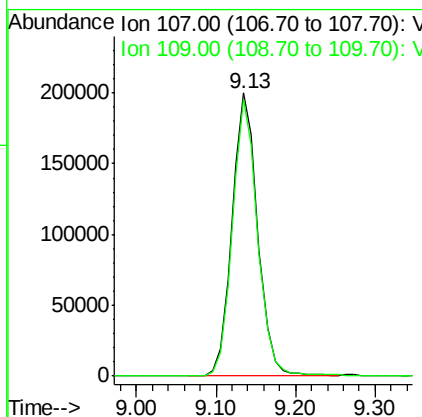
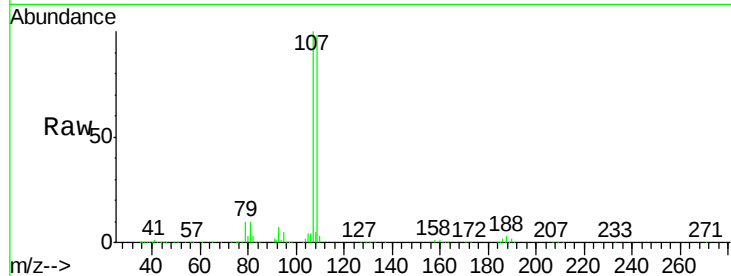
#61
 1,2-Dibromoethane
 Concen: 154.47 ug/l
 RT: 9.13 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.9	78.0	117.0

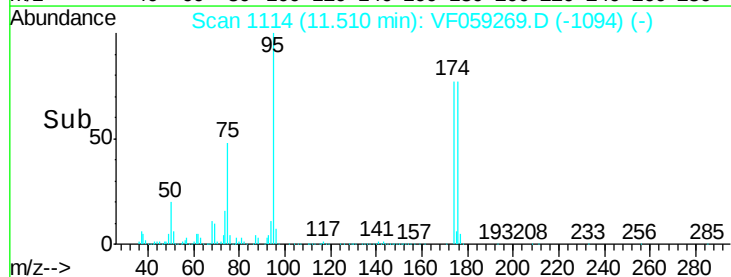
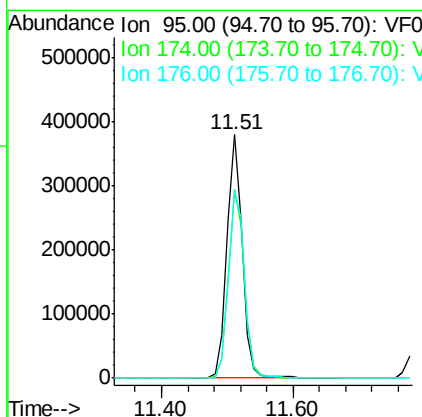
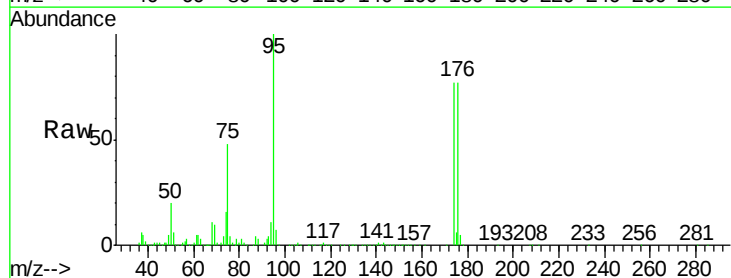
Manual Integrations
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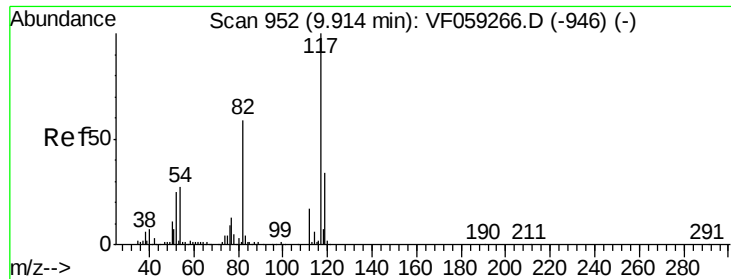
apatel
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#62
 4-Bromofluorobenzene
 Concen: 139.44 ug/l
 RT: 11.51 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	166.2
176	77.0	0.0	162.8





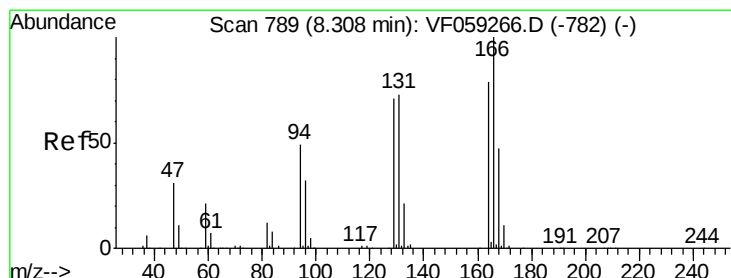
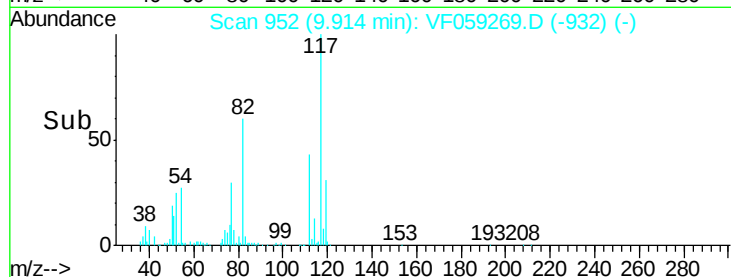
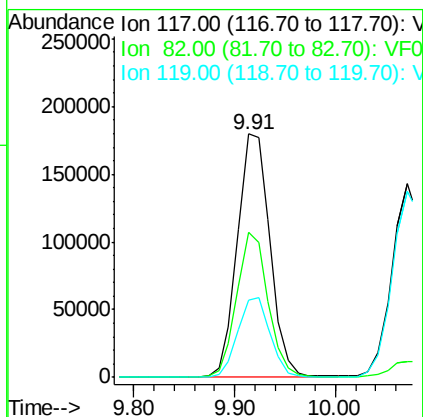
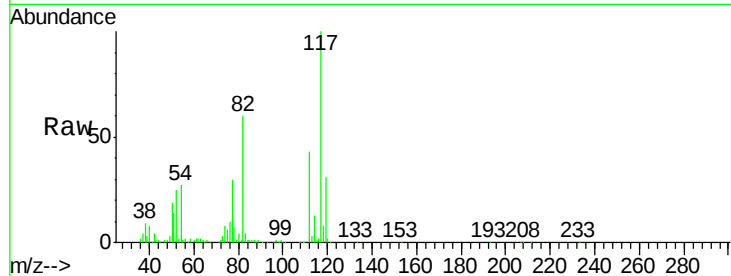
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	407577		
82	59.8		47.1	70.7
119	31.5		26.9	40.3

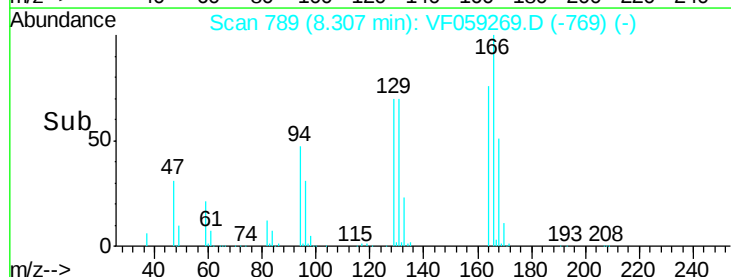
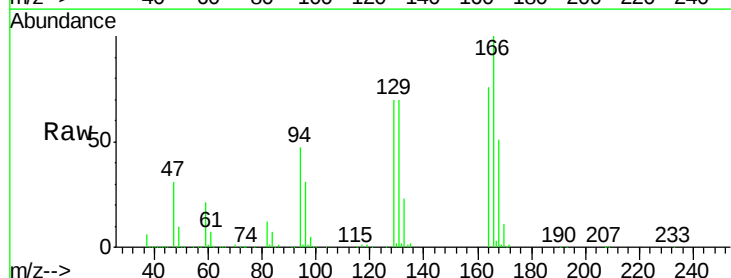
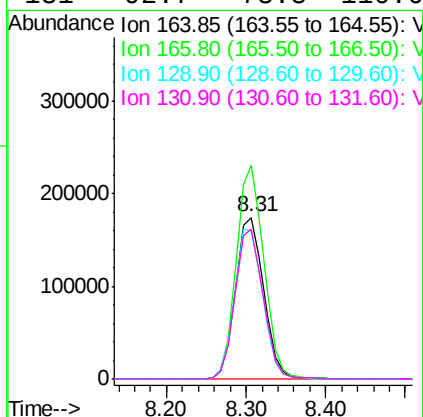
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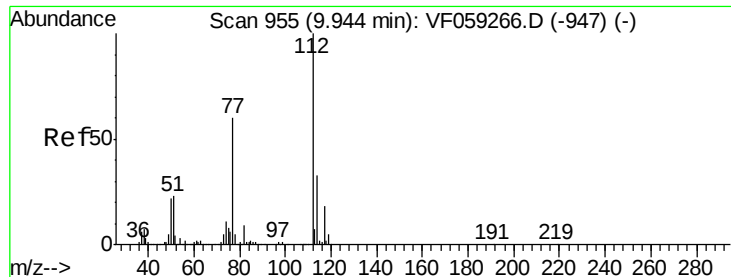
apatel
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#64
Tetrachloroethene
Concen: 142.77 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	429855		
166	132.0		101.4	152.2
129	92.2		72.2	108.4
131	92.7		73.8	110.6





#65

Chlorobenzene

Concen: 145.21 ug/l

RT: 9.94 min Scan# 955

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 1187083

Ion Ratio Lower Upper

112 100

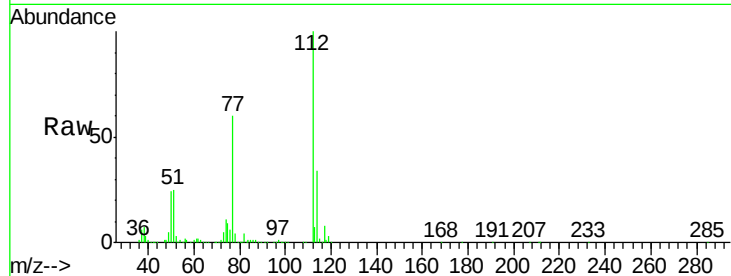
114 34.2 26.4 39.6

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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

600000

500000

400000

300000

200000

100000

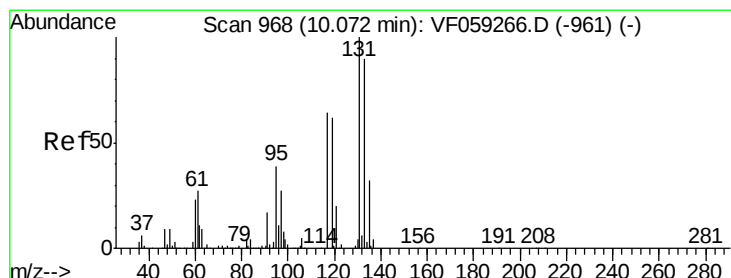
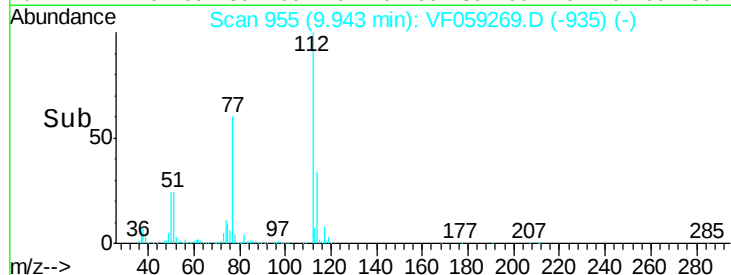
0

9.80

9.94

10.00

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 147.95 ug/l

RT: 10.07 min Scan# 968

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

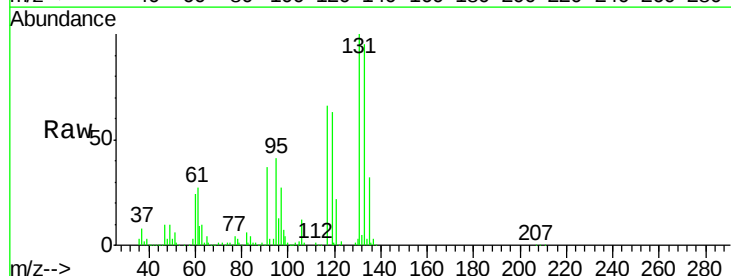
Tgt Ion:131 Resp: 483790

Ion Ratio Lower Upper

131 100

133 95.1 45.1 135.2

119 63.4 31.2 93.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

300000

250000

200000

150000

100000

50000

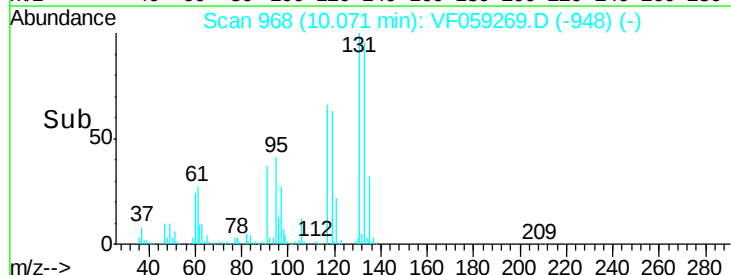
0

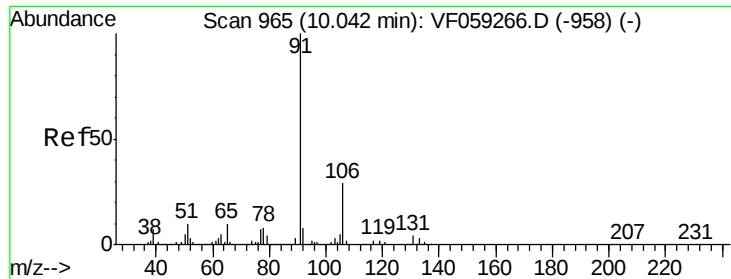
10.00

10.07

10.20

Time-->





#67

Ethyl Benzene

Concen: 133.18 ug/l

RT: 10.04 min Scan# 965

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1875254

Ion Ratio Lower Upper

91 100

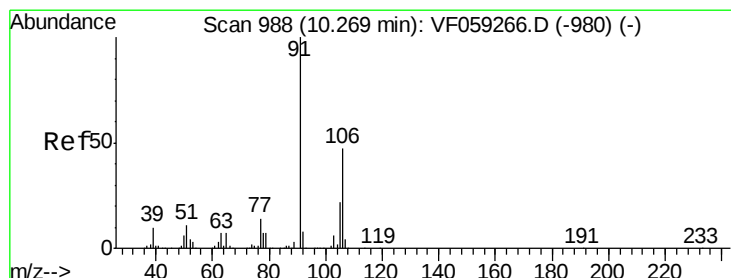
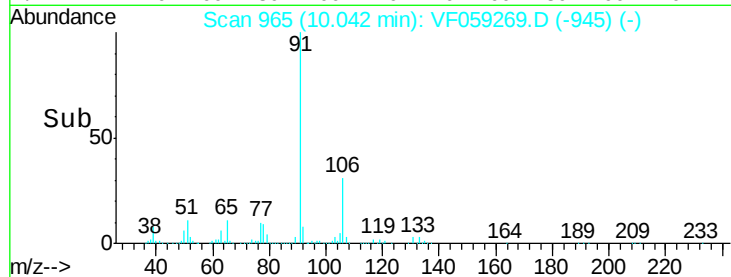
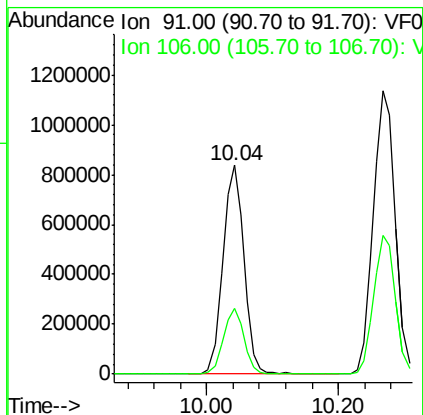
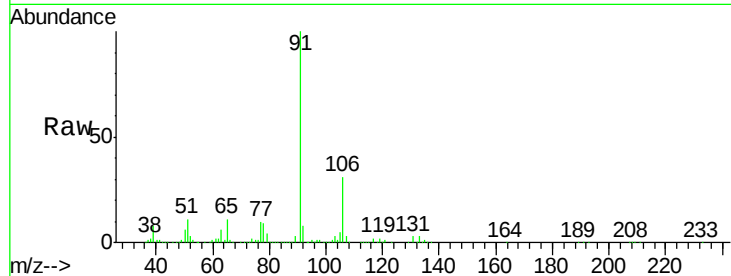
106 31.4 23.4 35.2

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#68

m/p-Xylenes

Concen: 240.57 ug/l

RT: 10.27 min Scan# 988

Delta R.T. -0.00 min

Lab File: VF059269.D

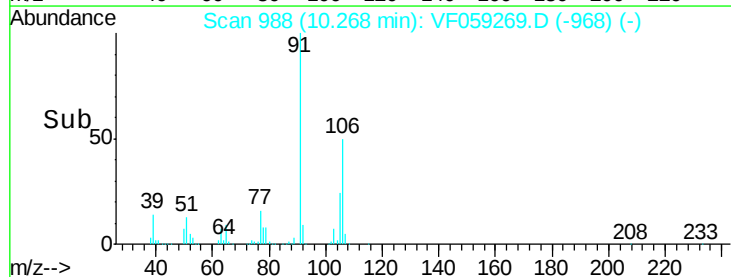
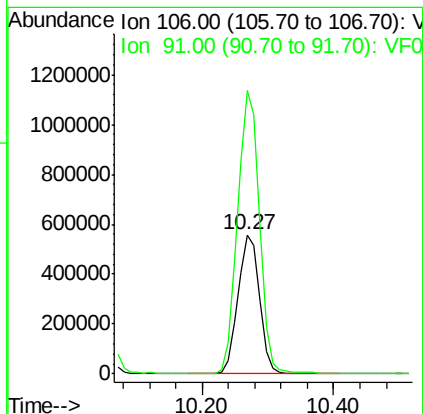
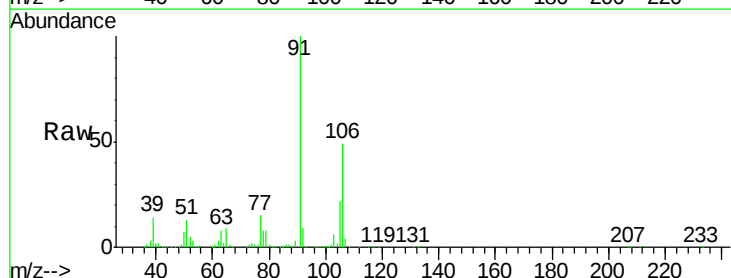
Acq: 21 Jun 2018 18:36

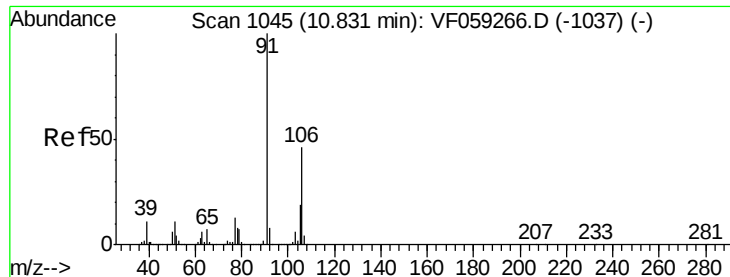
Tgt Ion: 106 Resp: 1285876

Ion Ratio Lower Upper

106 100

91 203.4 168.8 253.2





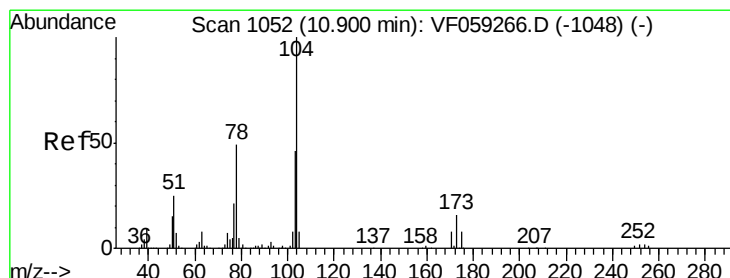
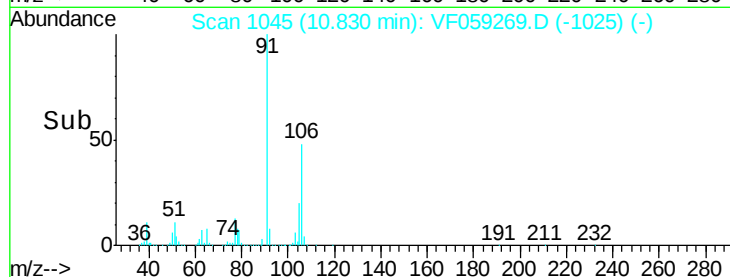
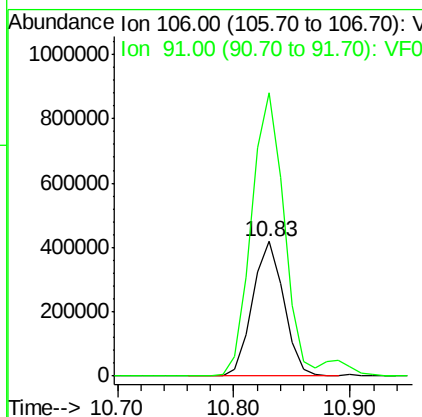
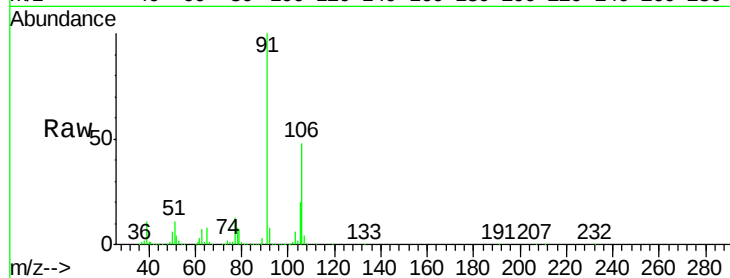
#69
o-Xylene
Concen: 135.27 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.1	109.1	327.4

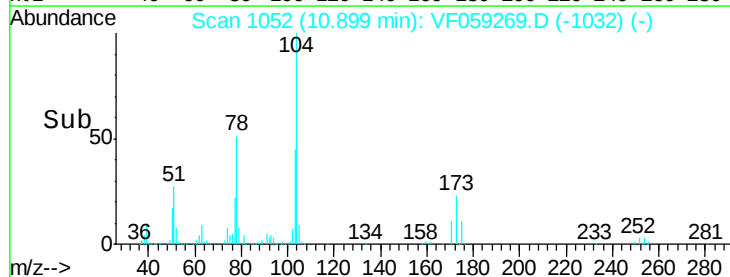
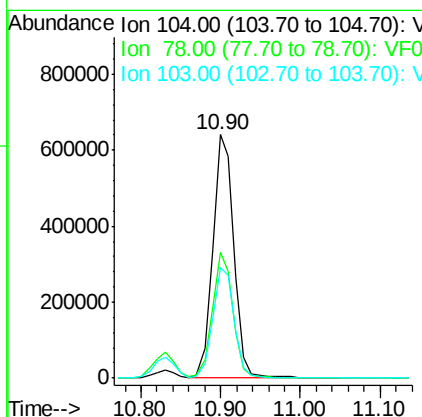
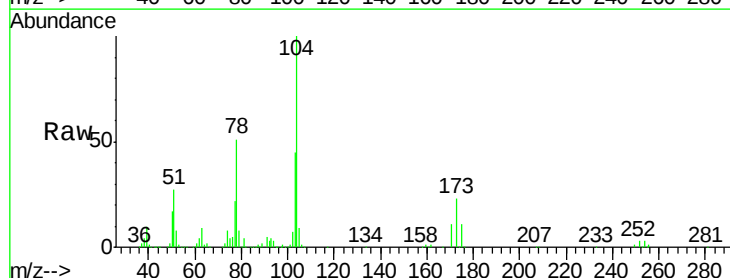
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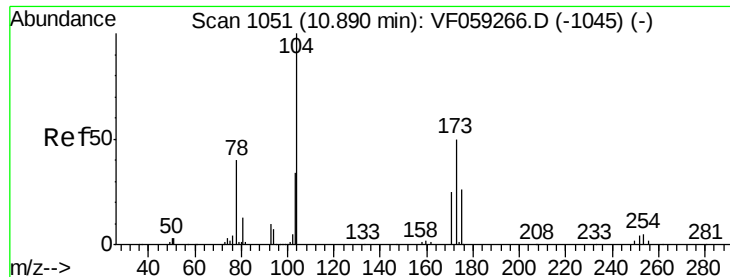
apatel
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#70
Styrene
Concen: 136.44 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.4	39.3	58.9
103	45.3	36.6	55.0





#71

Bromoform

Concen: 164.05 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

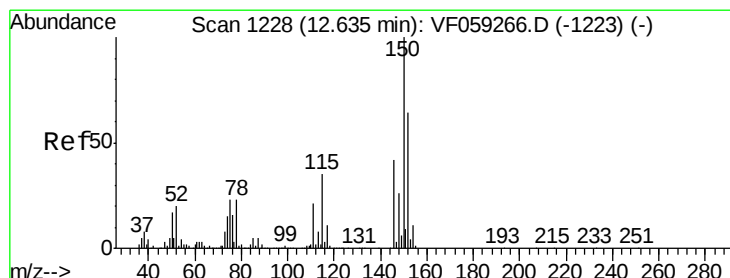
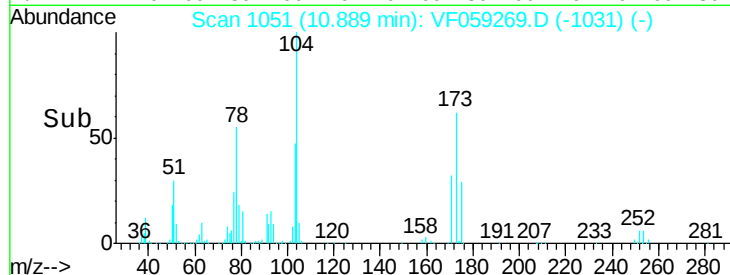
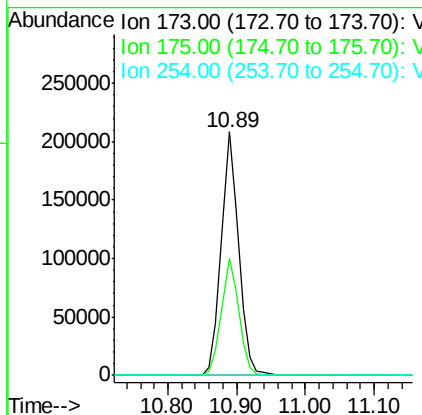
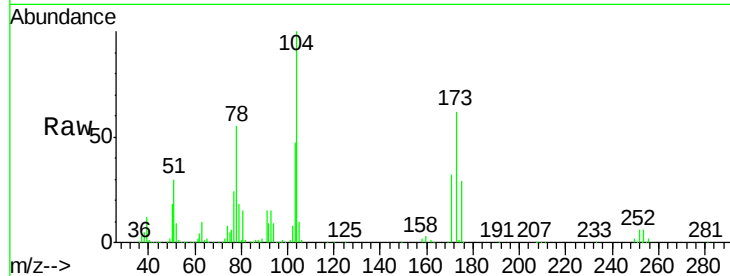
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100				
175	48.2	25.4	76.4		
254	0.1	0.0	0.0#		

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

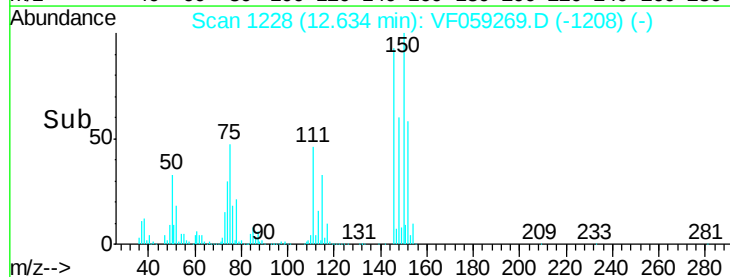
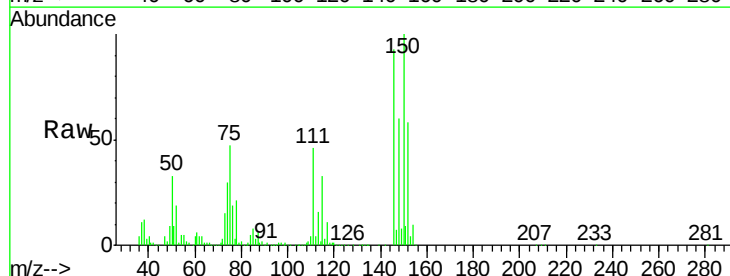
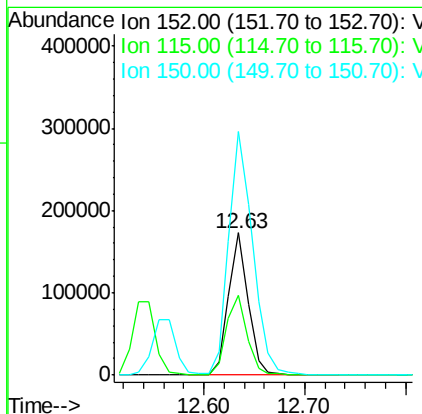
RT: 12.63 min Scan# 1228

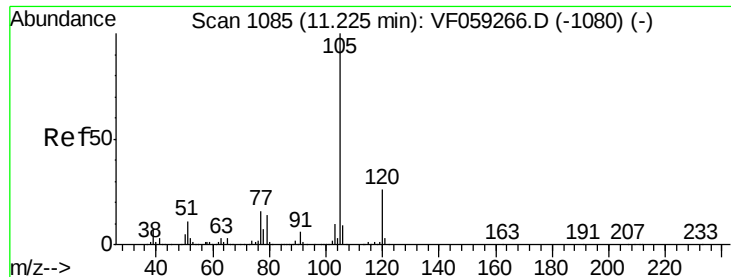
Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	56.1	27.8	83.3		
150	171.2	0.0	313.8		





#73

Isopropylbenzene

Concen: 129.51 ug/l

RT: 11.22 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2115277

Ion Ratio Lower Upper

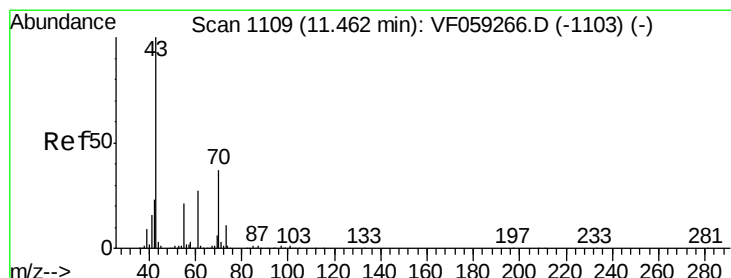
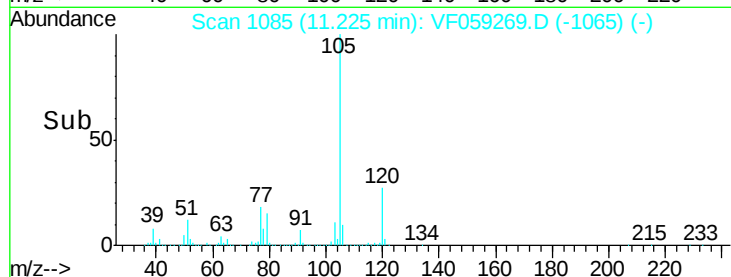
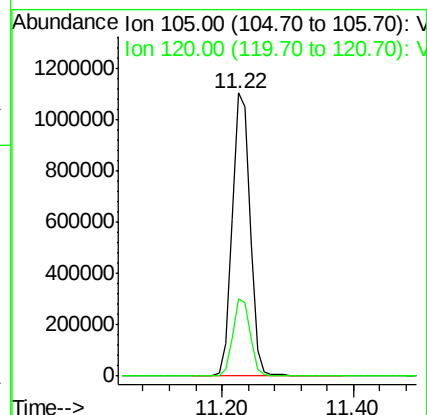
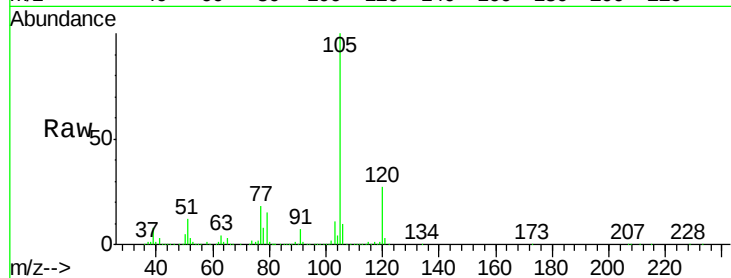
105 100

120 27.1 12.9 38.7

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#74

N-ethyl acetate

Concen: 135.16 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Tgt Ion: 43 Resp: 782792

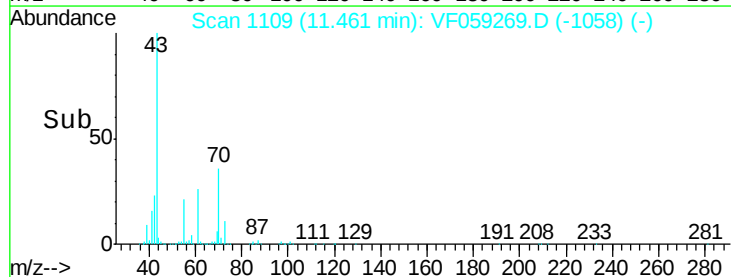
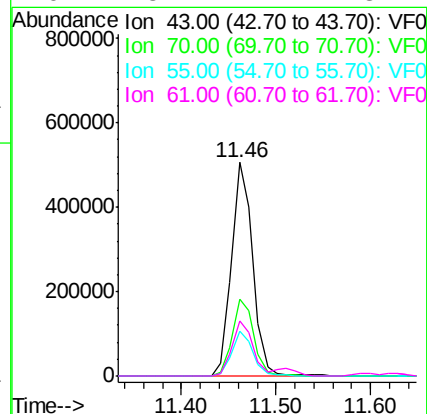
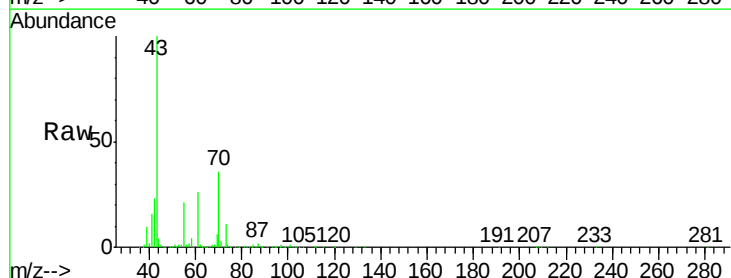
Ion Ratio Lower Upper

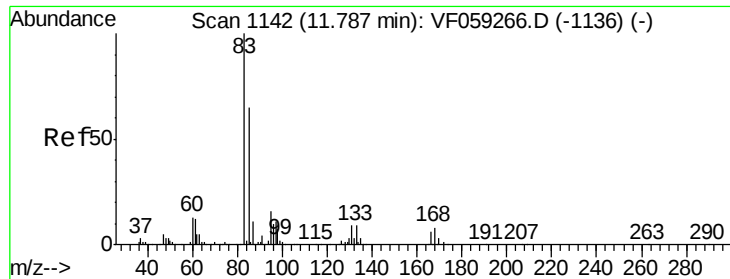
43 100

70 36.0 29.6 44.4

55 21.0 17.0 25.4

61 25.7 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 132.73 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

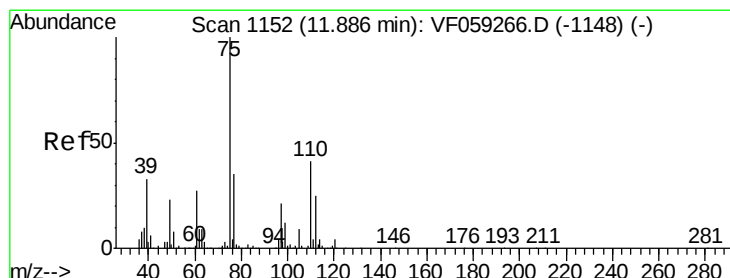
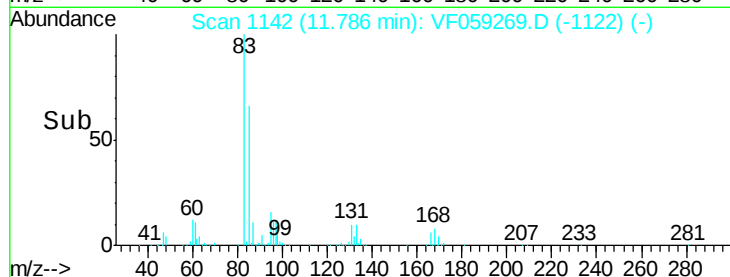
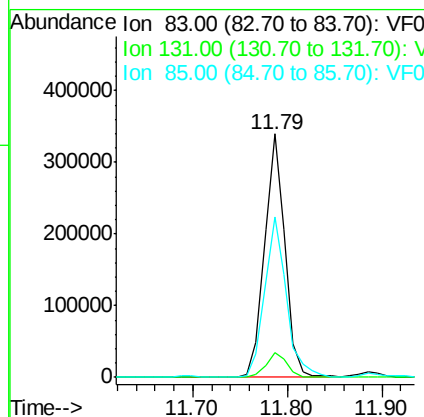
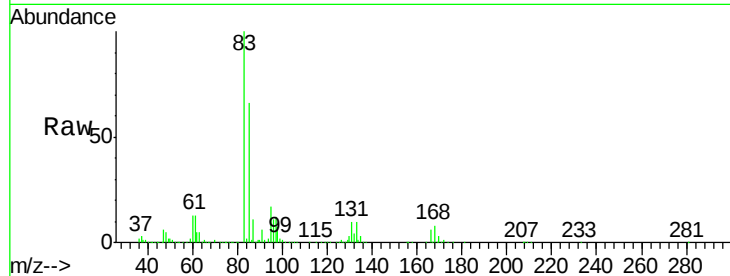
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	514050
Ion Ratio	Lower	Upper	
83	100		
131	10.4	4.8	14.3
85	65.9	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 141.89 ug/l

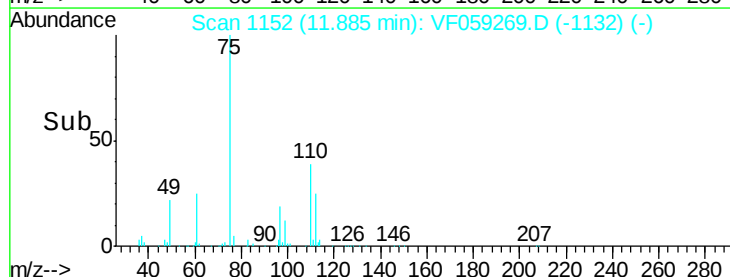
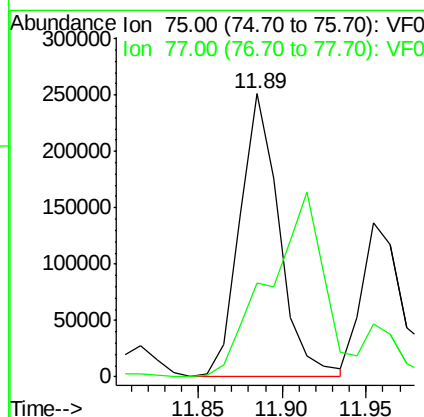
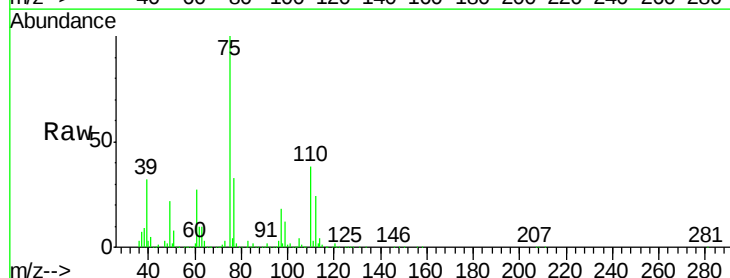
RT: 11.89 min Scan# 1152

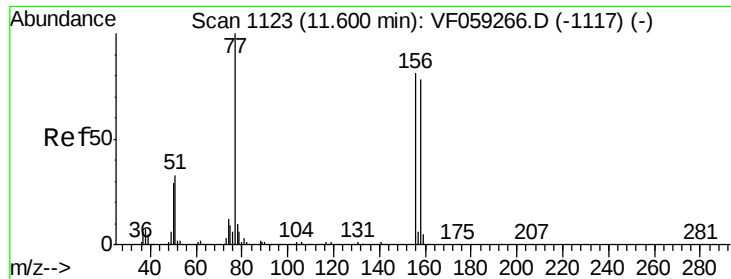
Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Tgt Ion:	75	Resp:	406761
Ion Ratio	Lower	Upper	
75	100		
77	33.3	17.4	52.2





#77

Bromobenzene

Concen: 141.83 ug/l

RT: 11.60 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

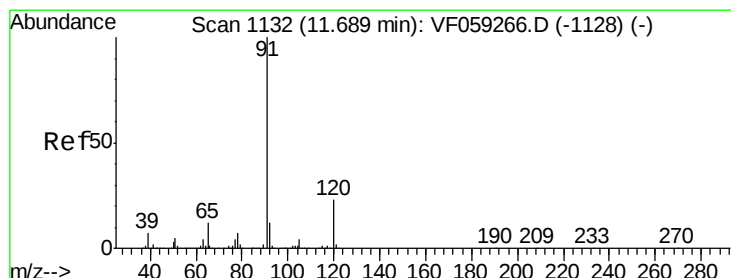
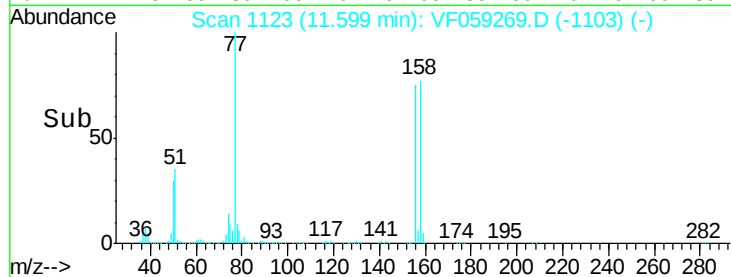
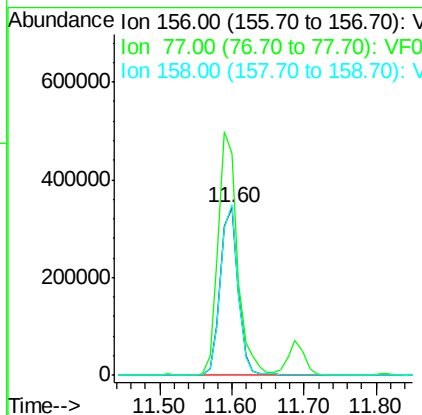
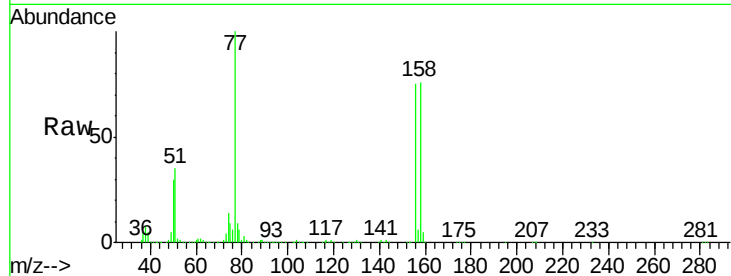
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	132.7	61.7	185.0	
158	101.5	48.2	144.6	

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#78

n-propylbenzene

Concen: 121.34 ug/l

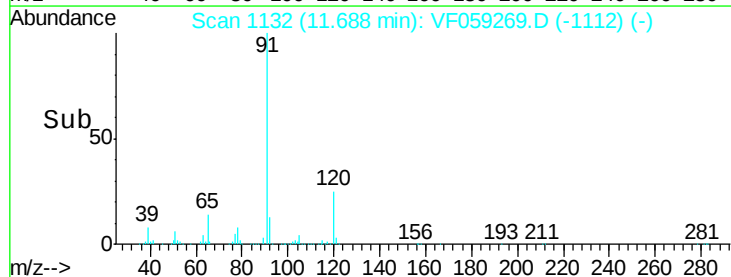
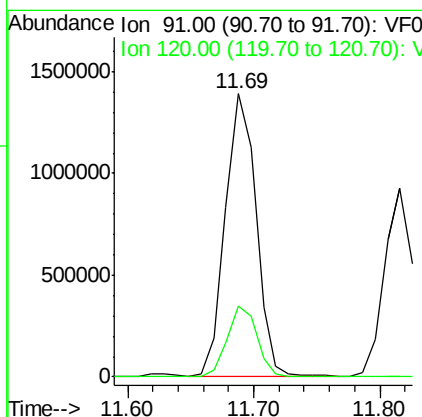
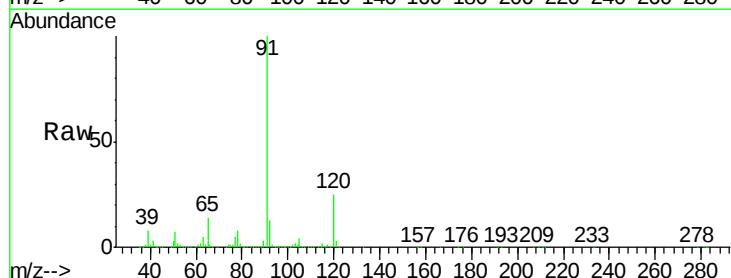
RT: 11.69 min Scan# 1132

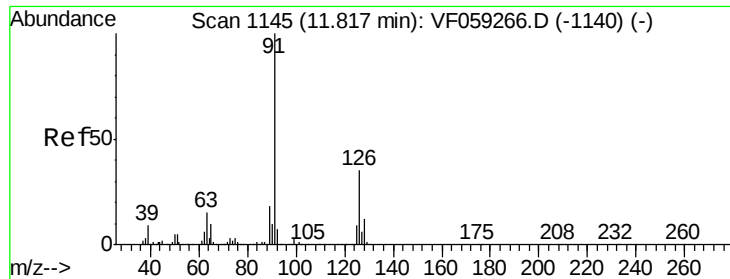
Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	25.0	11.5	34.5	





#79

2-Chlorotoluene

Concen: 128.84 ug/l

RT: 11.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1477929

Ion Ratio Lower Upper

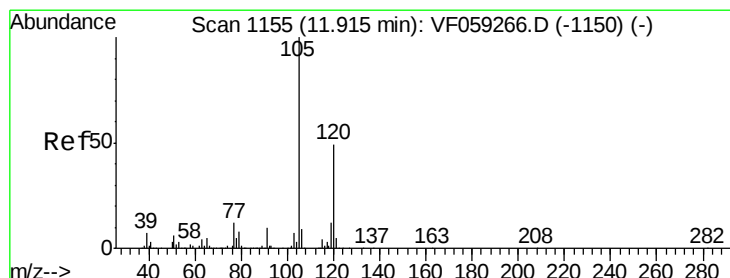
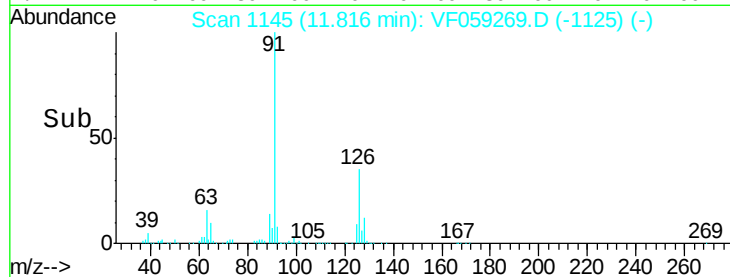
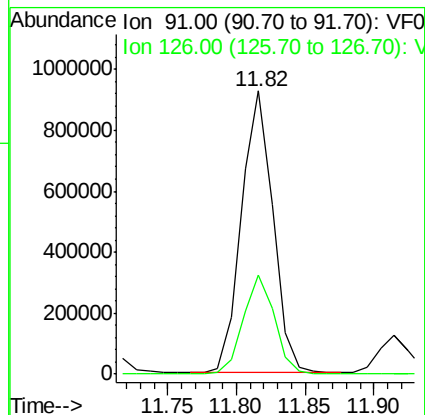
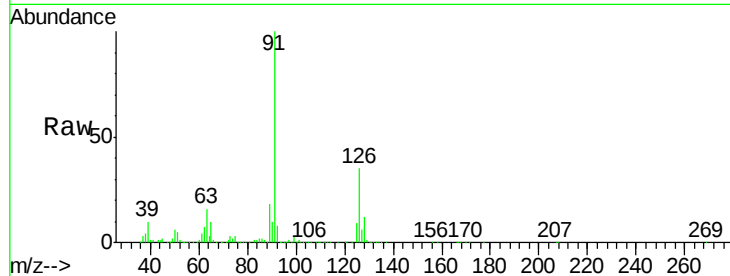
91 100

126 35.0 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 126.93 ug/l

RT: 11.91 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VF059269.D

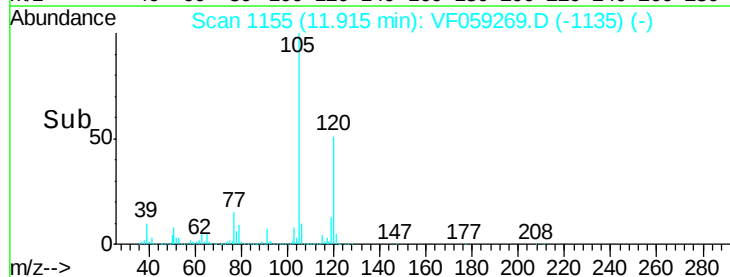
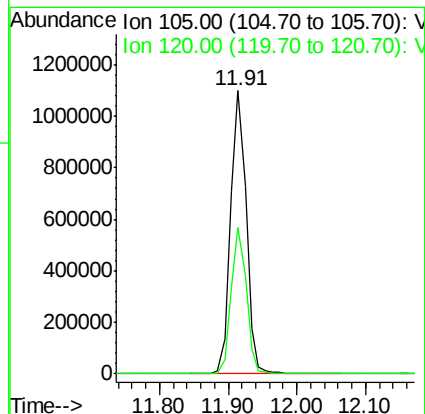
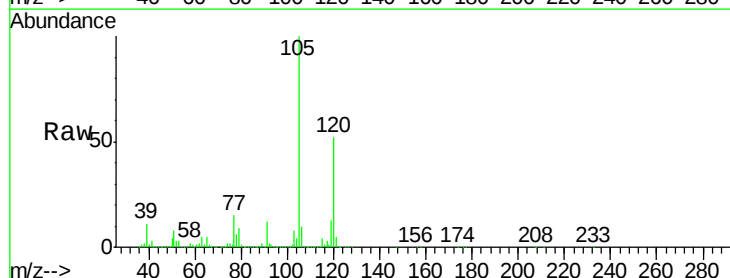
Acq: 21 Jun 2018 18:36

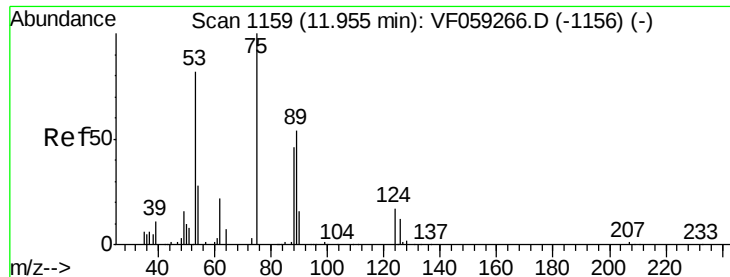
Tgt Ion: 105 Resp: 1725263

Ion Ratio Lower Upper

105 100

120 51.7 24.3 73.0





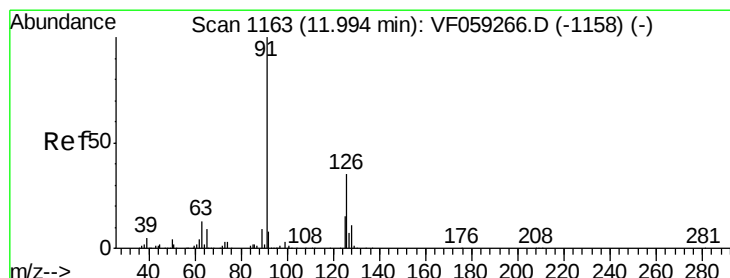
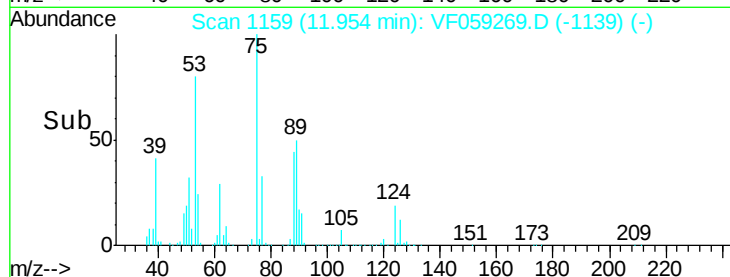
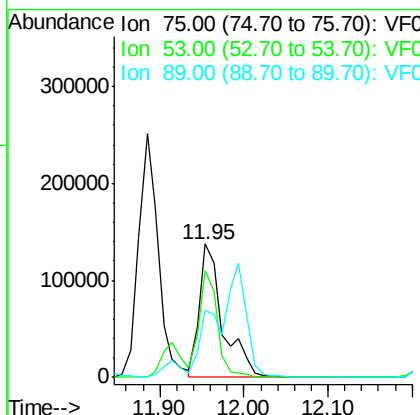
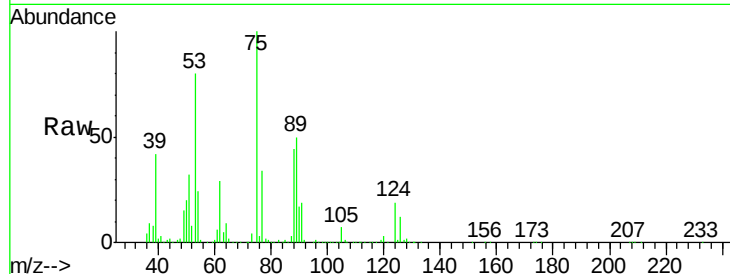
#81
trans-1,4-Dichloro-2-butene
Concen: 142.44 ug/l
RT: 11.95 min Scan# 1159
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	80.4	70.2	105.2
89	50.5	45.3	67.9

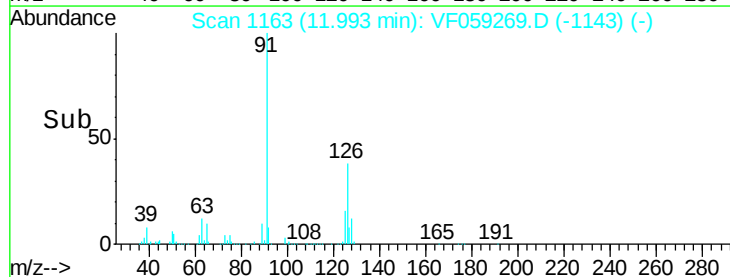
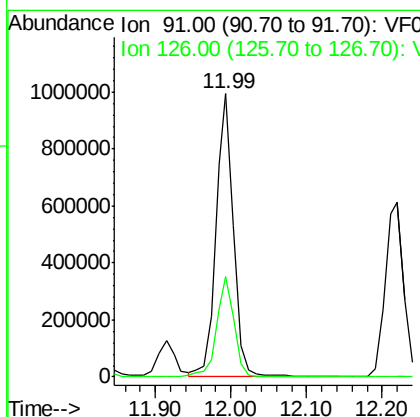
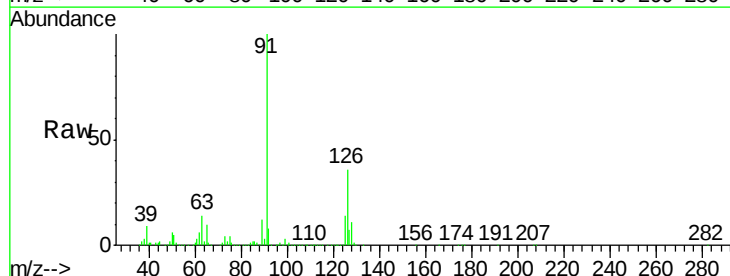
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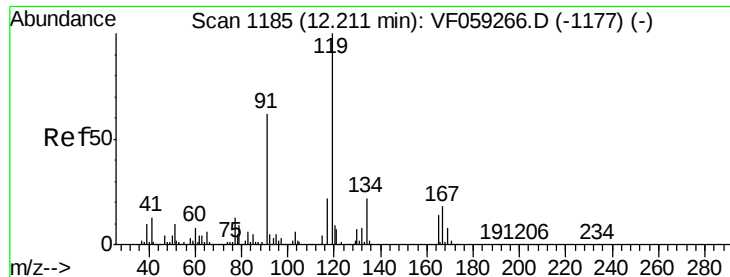
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#82
4-Chlorotoluene
Concen: 130.75 ug/l
RT: 11.99 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.6	52.8





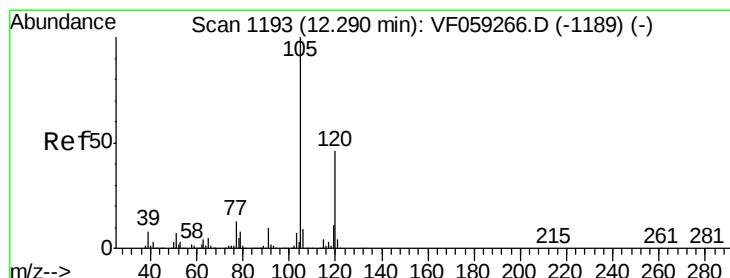
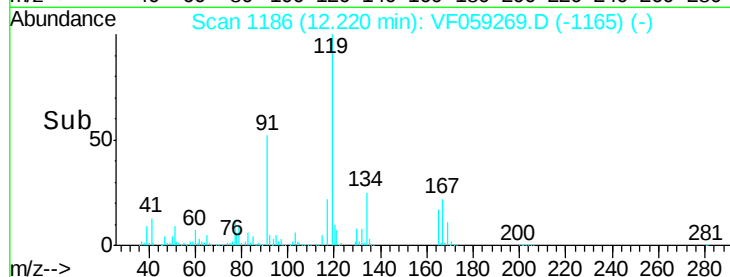
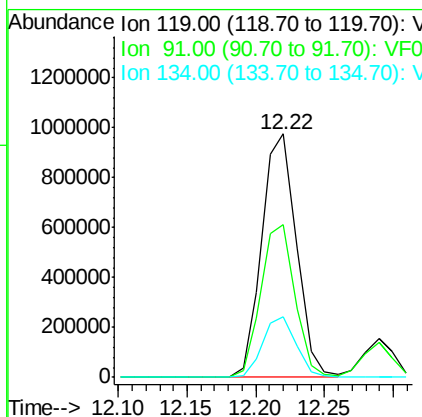
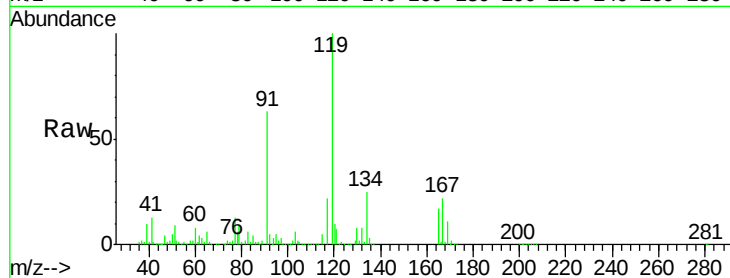
#83
 tert-Butylbenzene
 Concen: 126.32 ug/l
 RT: 12.22 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 1712985
 Ion Ratio Lower Upper
 119 100
 91 62.8 31.3 93.8
 134 25.0 11.3 33.8

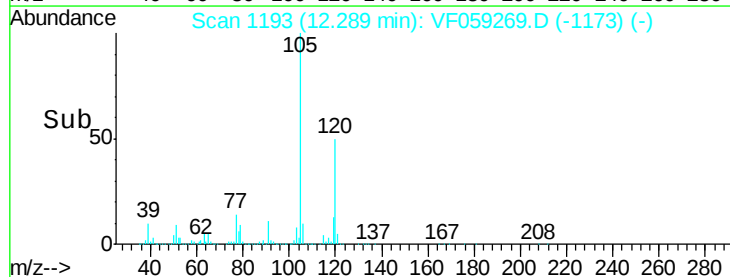
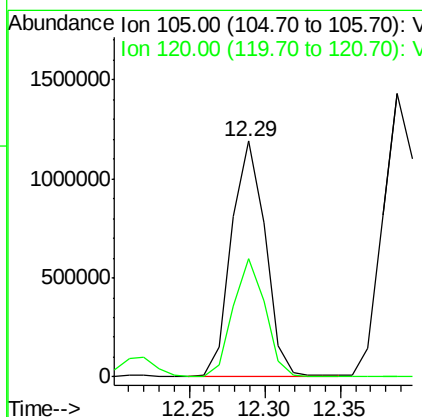
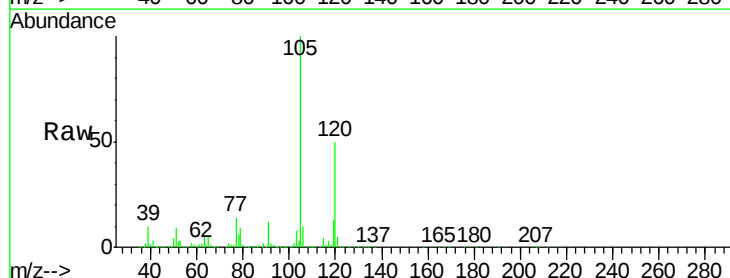
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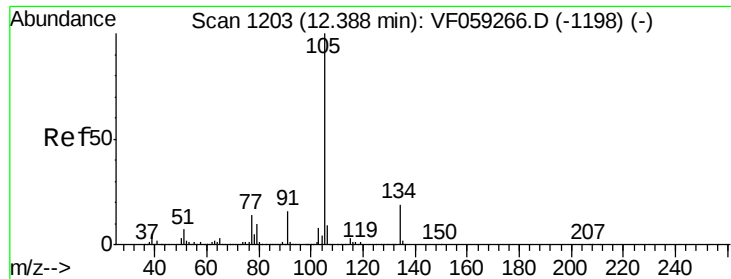
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#84
 1,2,4-Trimethylbenzene
 Concen: 132.58 ug/l
 RT: 12.29 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Tgt Ion:105 Resp: 1855923
 Ion Ratio Lower Upper
 105 100
 120 50.4 22.8 68.4





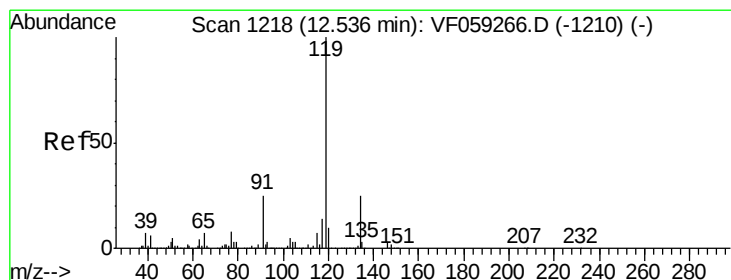
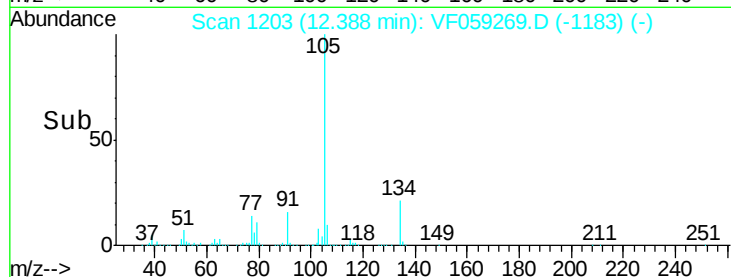
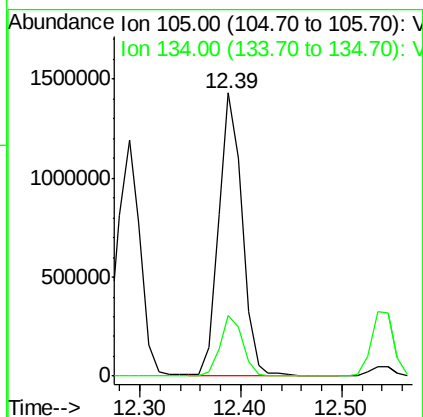
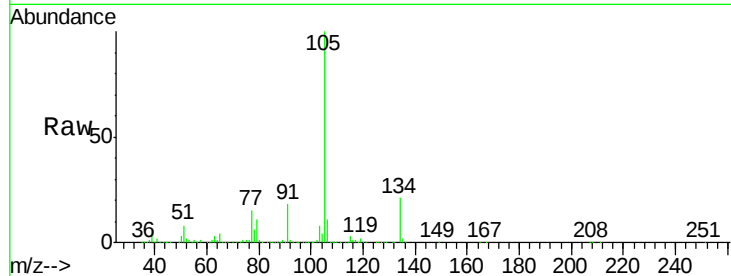
#85
 sec-Butylbenzene
 Concen: 126.26 ug/l
 RT: 12.39 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2306268
 Ion Ratio Lower Upper
 105 100
 134 21.4 9.5 28.5

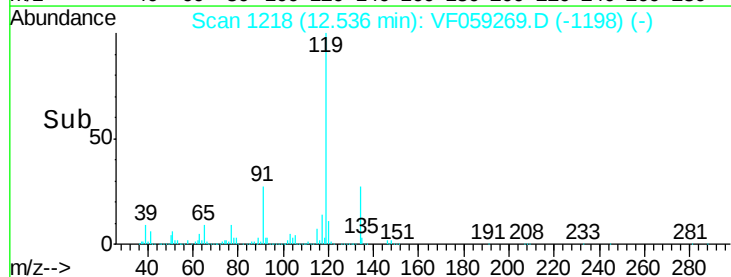
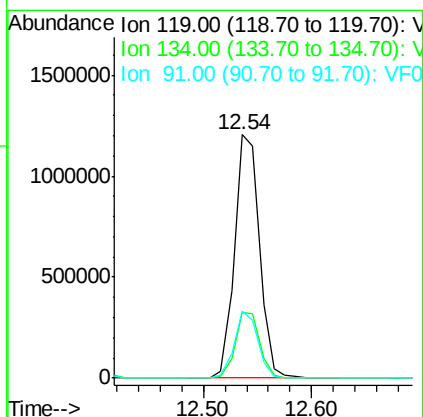
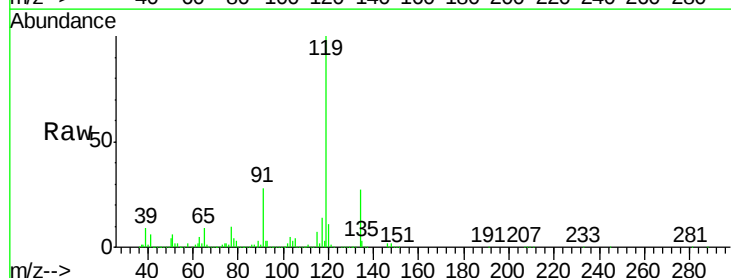
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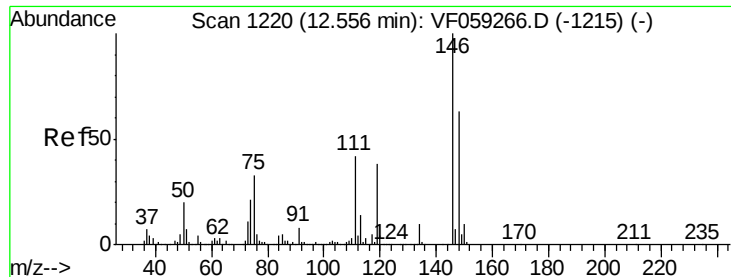
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#86
 p-Isopropyltoluene
 Concen: 128.31 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Tgt Ion:119 Resp: 1930407
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.6 37.8
 91 27.6 12.6 37.8





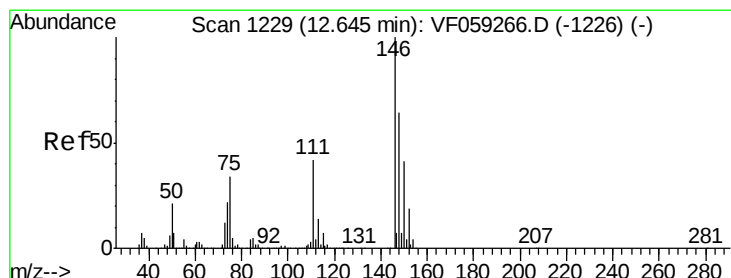
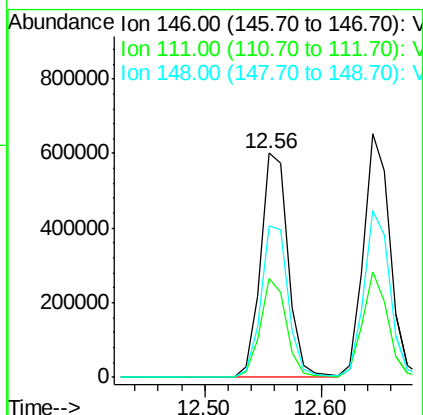
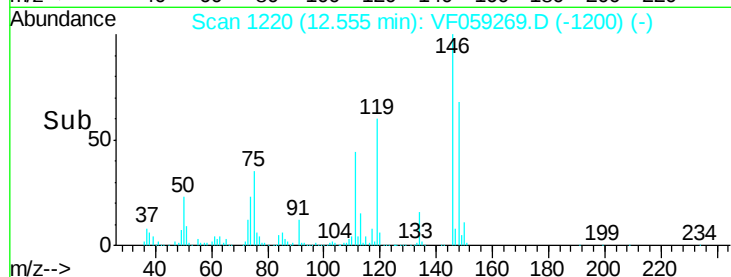
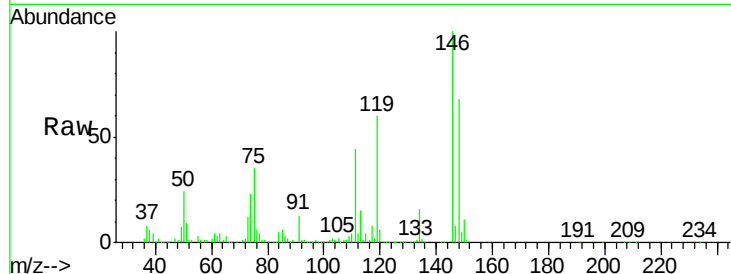
#87
 1,3-Dichlorobenzene
 Concen: 128.69 ug/l
 RT: 12.56 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.0	63.0
148	67.7	31.6	94.8

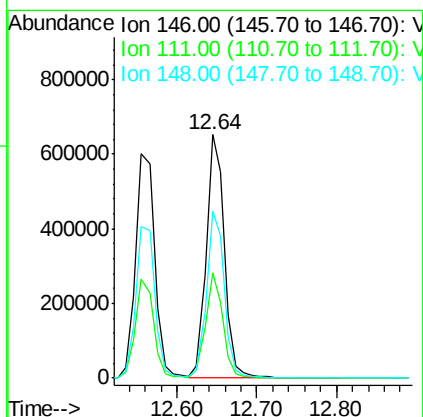
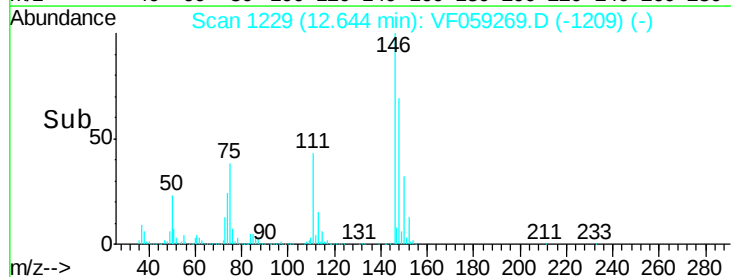
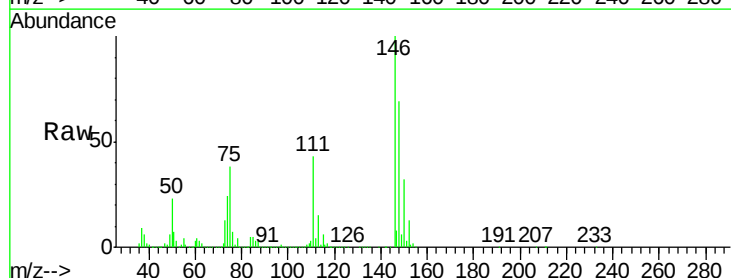
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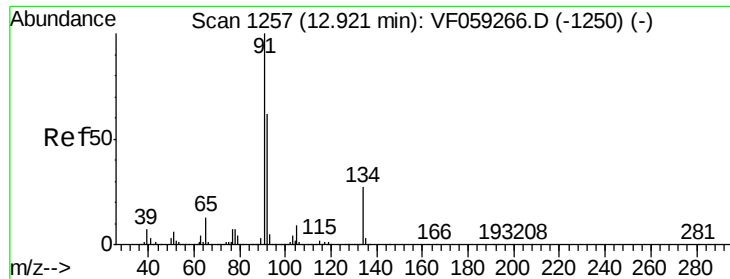
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#88
 1,4-Dichlorobenzene
 Concen: 139.71 ug/l
 RT: 12.64 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.3	63.9
148	68.7	32.0	96.2





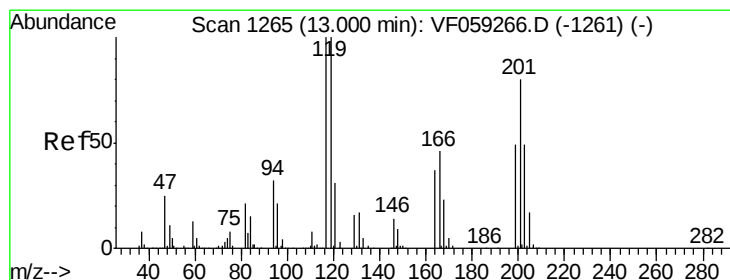
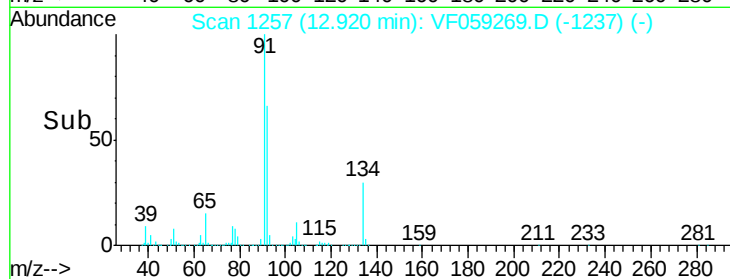
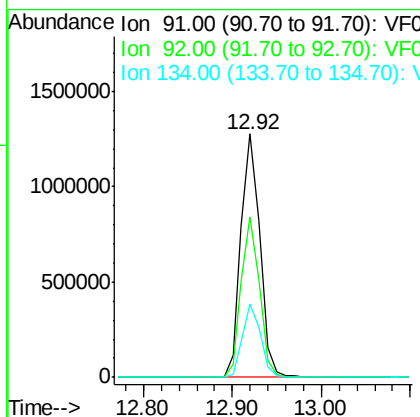
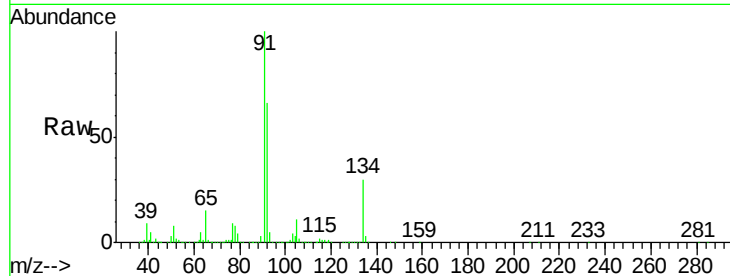
#89
n-Butylbenzene
Concen: 121.30 ug/l
RT: 12.92 min Scan# 1257
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	66.1	31.2	93.6
134	30.0	13.4	40.1

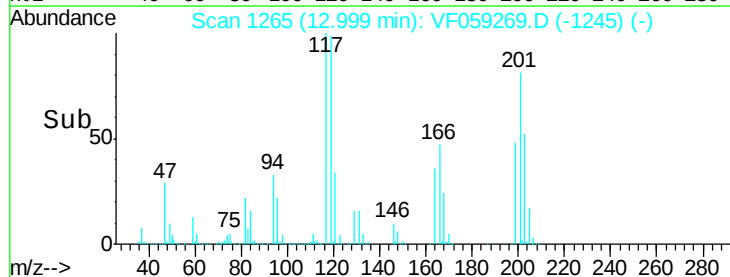
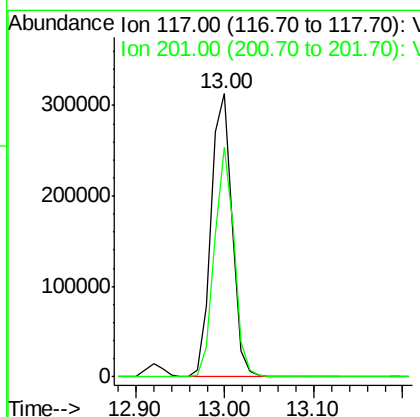
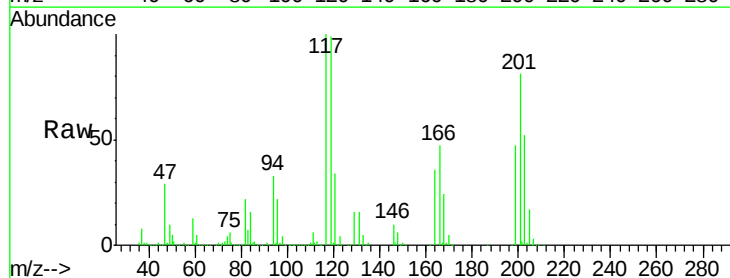
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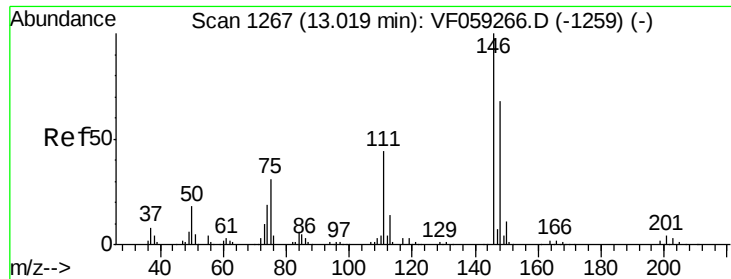
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#90
Hexachloroethane
Concen: 137.69 ug/l
RT: 13.00 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.0	39.8	119.3





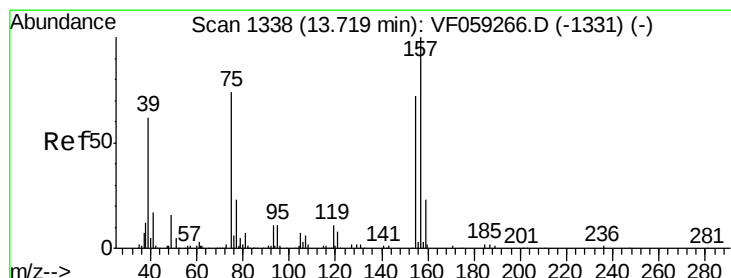
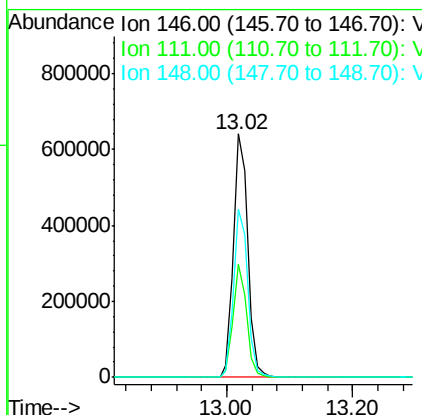
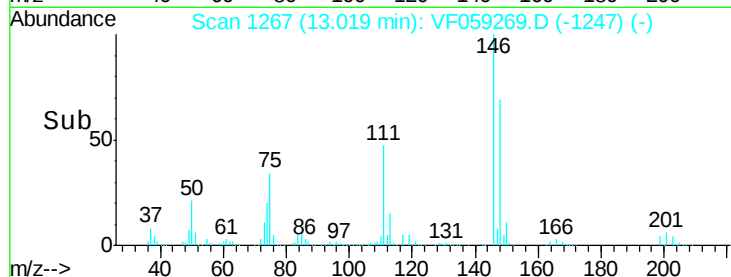
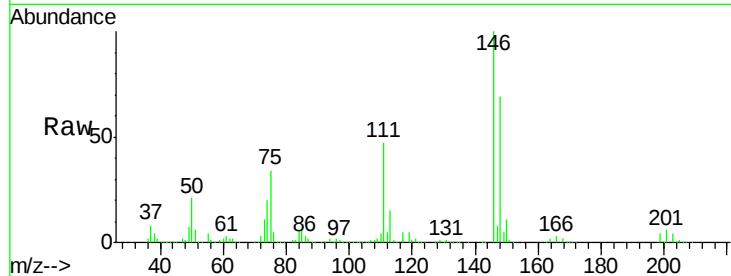
#91
 1,2-Dichlorobenzene
 Concen: 135.19 ug/l
 RT: 13.02 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.1	66.3
148	69.3	34.0	102.0

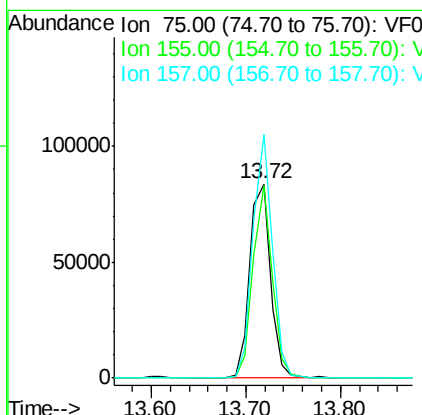
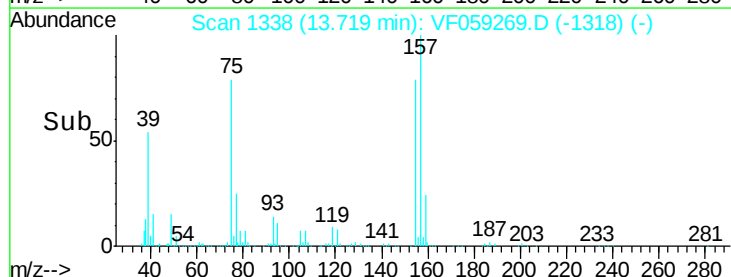
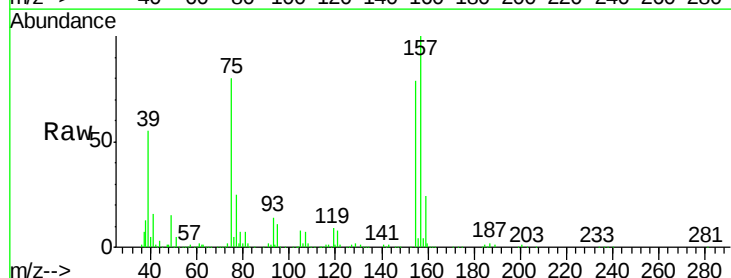
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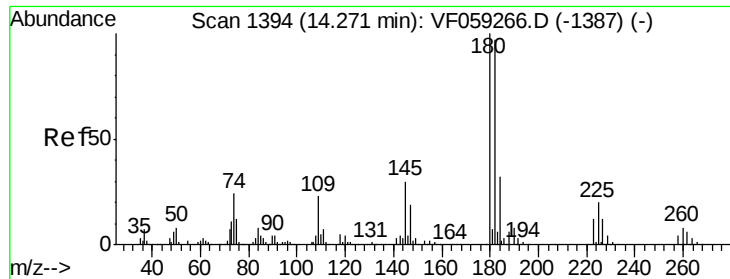
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 166.47 ug/l
 RT: 13.72 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: VF059269.D
 Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.4	48.3	144.9
157	125.5	67.2	201.6





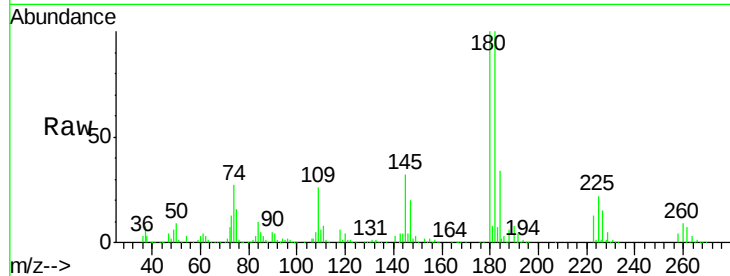
#93
1,2,4-Trichlorobenzene
Concen: 140.09 ug/l
RT: 14.27 min Scan# 1394
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC150

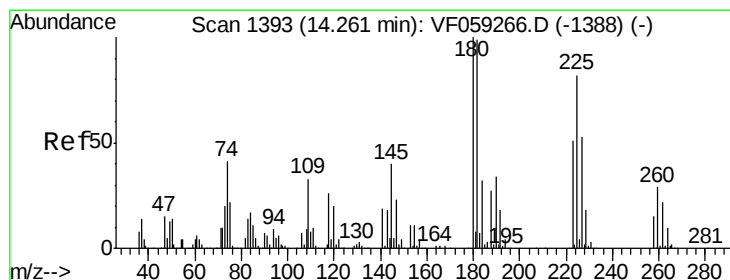
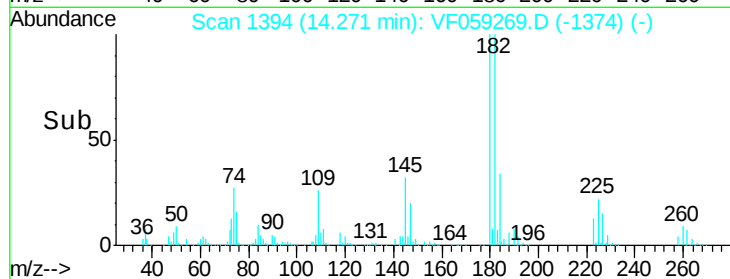
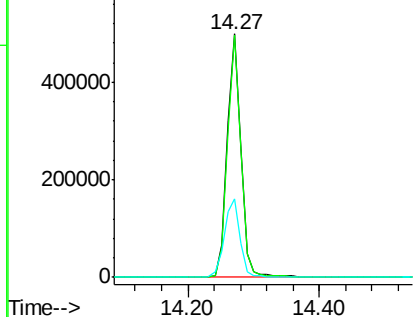
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.7	48.6	145.9	
145	32.1	15.0	45.1	

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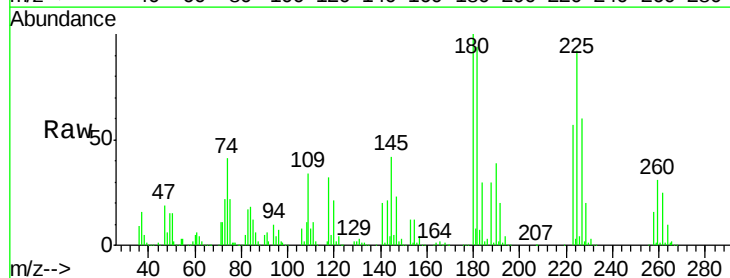


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

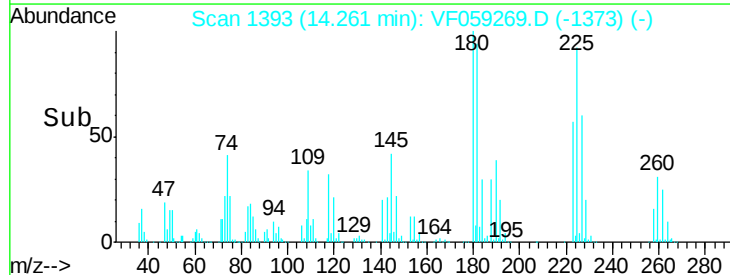
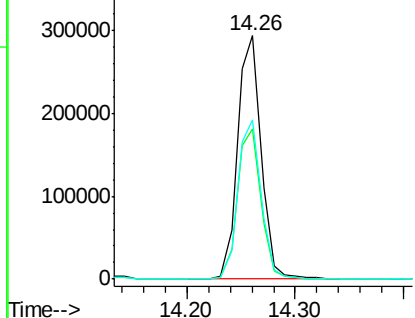


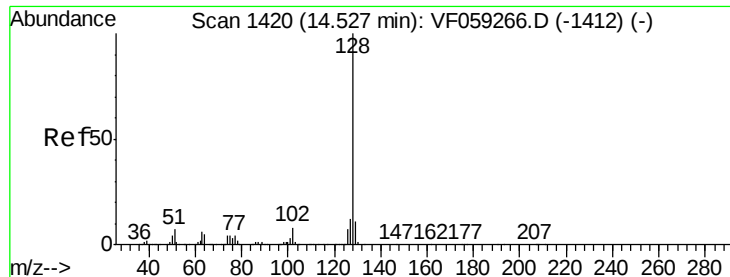
#94
Hexachlorobutadiene
Concen: 146.43 ug/l
RT: 14.26 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VF059269.D
Acq: 21 Jun 2018 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.7	30.7	92.1	
227	65.5	32.0	96.2	



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V





#95

Naphthalene

Concen: 150.07 ug/l

RT: 14.53 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 1684168

Ion Ratio Lower Upper

128 100

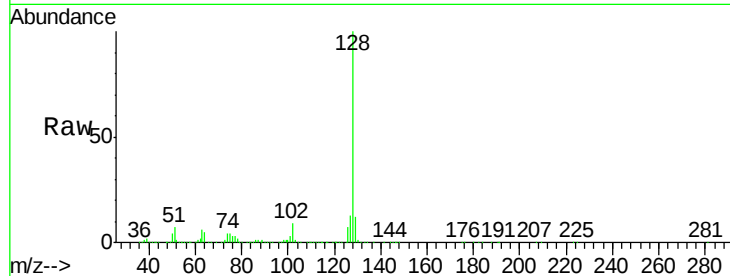
127 12.6 9.6 14.4

129 11.8 9.0 13.4

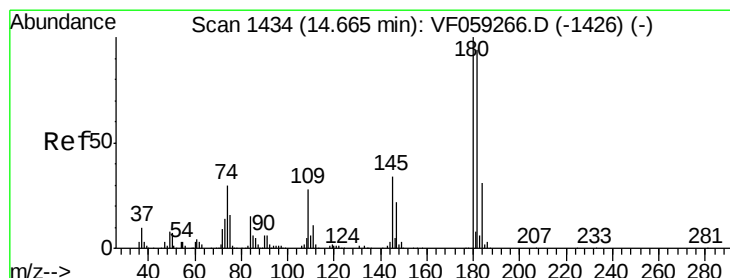
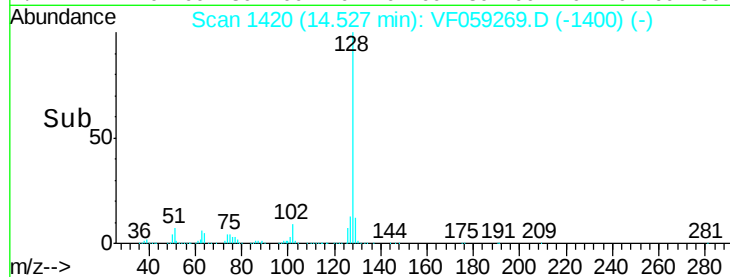
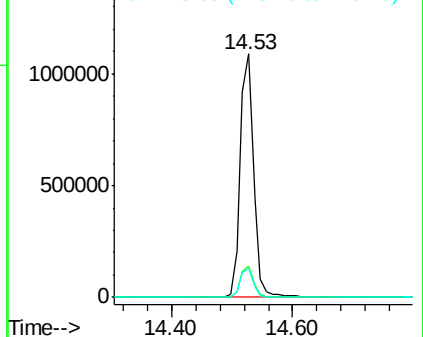
Manual Integrations
APPROVED

apatel

6/22/2018 11:34:46 AM



Abundance Ion 128.00 (127.70 to 128.70): V
1500000 Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 147.49 ug/l

RT: 14.67 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VF059269.D

Acq: 21 Jun 2018 18:36

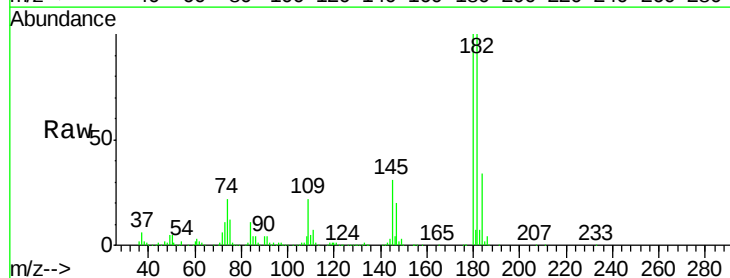
Tgt Ion:180 Resp: 716298

Ion Ratio Lower Upper

180 100

182 100.0 46.9 140.7

145 31.1 17.0 50.9



Abundance Ion 180.00 (179.70 to 180.70): V
600000 Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

