

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062618\
 Data File : VF059316.D
 Acq On : 26 Jun 2018 14:55
 Operator : VA/AP
 Sample : J3664-07MS
 Misc : 7.37g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB476-25-27-180619MS

Manual Integrations
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 6/27/2018 2:09:09 PM

Quant Time: Jun 27 03:05:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	262793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	412315	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	415982	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	251453	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.99	65	163719	48.22	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	4.28	113	140545	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
50) Toluene-d8	7.69	98	357631	47.95	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.49	95	196260	46.64	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	117785	49.06	ug/l	93
3) Chloromethane	1.08	50	78264	48.52	ug/l	100
4) Vinyl Chloride	1.15	62	80956	50.99	ug/l	95
5) Bromomethane	1.34	94	52418	59.34	ug/l	97
6) Chloroethane	1.42	64	40954	51.21	ug/l	98
7) Trichlorofluoromethane	1.48	101	184962m	58.91	ug/l	
8) Diethyl Ether	1.69	74	37292	46.32	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.89	101	92497	50.47	ug/l	96
10) Methyl Iodide	1.95	142	169327	50.67	ug/l	93
11) Tert butyl alcohol	2.67	59	51607	228.32	ug/l	98
12) 1,1-Dichloroethene	1.85	96	84510	54.55	ug/l	98
13) Acrolein	2.08	56	16659	146.57	ug/l	93
14) Allyl chloride	2.18	41	152988	52.60	ug/l	99
15) Acrylonitrile	3.05	53	103972	261.21	ug/l	91
16) Acetone	2.32	43	323063	386.56	ug/l	95
17) Carbon Disulfide	1.86	76	188593m	51.75	ug/l	
18) Methyl Acetate	2.43	43	97816	64.16	ug/l #	92
19) Methyl tert-butyl Ether	2.52	73	311187	53.85	ug/l	93
20) Methylene Chloride	2.26	84	93908m	49.20	ug/l	
21) trans-1,2-Dichloroethene	2.40	96	84283	51.00	ug/l	98
22) Diisopropyl ether	2.91	45	329526	51.17	ug/l	97
23) Vinyl Acetate	3.31	43	999647	243.72	ug/l	99
24) 1,1-Dichloroethane	2.98	63	206626	51.75	ug/l	100
25) 2-Butanone	4.49	43	313417	305.76	ug/l	99
26) 2,2-Dichloropropane	3.74	77	146903	53.34	ug/l	97
27) cis-1,2-Dichloroethene	3.61	96	136762	54.50	ug/l	87
28) Bromochloromethane	3.87	49	83496	54.86	ug/l	92
29) Tetrahydrofuran	4.23	42	129533	298.33	ug/l	98
30) Chloroform	4.01	83	304649	52.70	ug/l	99
31) Cyclohexane	3.84	56	135380	51.75	ug/l	98
32) 1,1,1-Trichloroethane	4.26	97	232628	54.99	ug/l	97
36) 1,1-Dichloropropene	4.43	75	194680	54.05	ug/l	98
37) Ethyl Acetate	4.27	43	125798	54.74	ug/l	86
38) Carbon Tetrachloride	4.15	117	239758m	52.75	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.61	83	157552	49.36	ug/l	97
40) Benzene	4.79	78	398242	49.87	ug/l	99
41) Methacrylonitrile	4.90	41	60611	49.33	ug/l	89
42) 1,2-Dichloroethane	5.09	62	239748	51.38	ug/l	99
43) Isopropyl Acetate	7.09	43	159960	53.32	ug/l #	97
44) Trichloroethene	5.66	130	136840	49.95	ug/l	99
45) 1,2-Dichloropropane	6.38	63	123691	54.21	ug/l	98
46) Dibromomethane	6.24	93	103301	52.16	ug/l	96
47) Bromodichloromethane	6.52	83	246144	51.34	ug/l	98
48) Methyl methacrylate	6.85	41	110223	54.82	ug/l	88
49) 1,4-Dioxane	6.84	88	10577	985.22	ug/l	95
51) 4-Methyl-2-Pentanone	8.39	43	615799	277.05	ug/l	99
52) Toluene	7.75	92	304000	50.87	ug/l	94
53) t-1,3-Dichloropropene	8.41	75	232415	53.19	ug/l	100
54) cis-1,3-Dichloropropene	7.44	75	249537	52.57	ug/l	98
55) 1,1,2-Trichloroethane	8.61	97	123757	53.34	ug/l	95
56) Ethyl methacrylate	8.74	69	160700	55.91	ug/l	98
57) 1,3-Dichloropropane	8.98	76	216861	54.50	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.75	63	54461	252.64	ug/l #	100
59) 2-Hexanone	9.61	43	462435	278.89	ug/l	99
60) Dibromochloromethane	8.85	129	195882	54.68	ug/l	88
61) 1,2-Dibromoethane	9.12	107	150498	53.48	ug/l	97
64) Tetrachloroethene	8.29	164	143433	53.16	ug/l	97
65) Chlorobenzene	9.92	112	381337	49.47	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.05	131	163284	48.98	ug/l	95
67) Ethyl Benzene	10.02	91	645276	49.35	ug/l	98
68) m/p-Xylenes	10.25	106	465276	99.97	ug/l	98
69) o-Xylene	10.81	106	264820	50.87	ug/l	97
70) Styrene	10.89	104	389438	49.11	ug/l	97
71) Bromoform	10.87	173	122978	53.82	ug/l	99
73) Isopropylbenzene	11.21	105	780153	53.26	ug/l	97
74) N-amyl acetate	11.45	43	271183	51.01	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.78	83	196916	53.23	ug/l	99
76) 1,2,3-Trichloropropane	11.88	75	147466	52.84	ug/l	98
77) Bromobenzene	11.58	156	207608	51.08	ug/l	91
78) n-propylbenzene	11.68	91	897446	51.01	ug/l	100
79) 2-Chlorotoluene	11.80	91	553593	51.50	ug/l	96
80) 1,3,5-Trimethylbenzene	11.89	105	653786	50.95	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.94	75	89864	54.10	ug/l	92
82) 4-Chlorotoluene	11.97	91	562740	48.88	ug/l	90
83) tert-Butylbenzene	12.20	119	643258	50.12	ug/l	95
84) 1,2,4-Trimethylbenzene	12.27	105	685319	50.71	ug/l	97
85) sec-Butylbenzene	12.38	105	829648	48.77	ug/l	99
86) p-Isopropyltoluene	12.53	119	701279	49.12	ug/l	99
87) 1,3-Dichlorobenzene	12.55	146	356050	53.37	ug/l	98
88) 1,4-Dichlorobenzene	12.63	146	365121	50.30	ug/l	97
89) n-Butylbenzene	12.91	91	705077	48.65	ug/l	98
90) Hexachloroethane	12.98	117	181226	50.93	ug/l	81
91) 1,2-Dichlorobenzene	13.01	146	366335	49.65	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.70	75	42212	51.47	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	270330	49.55	ug/l	96
94) Hexachlorobutadiene	14.24	225	150079	49.25	ug/l	96
95) Naphthalene	14.51	128	609448	53.39	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	256119	49.56	ug/l	98

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

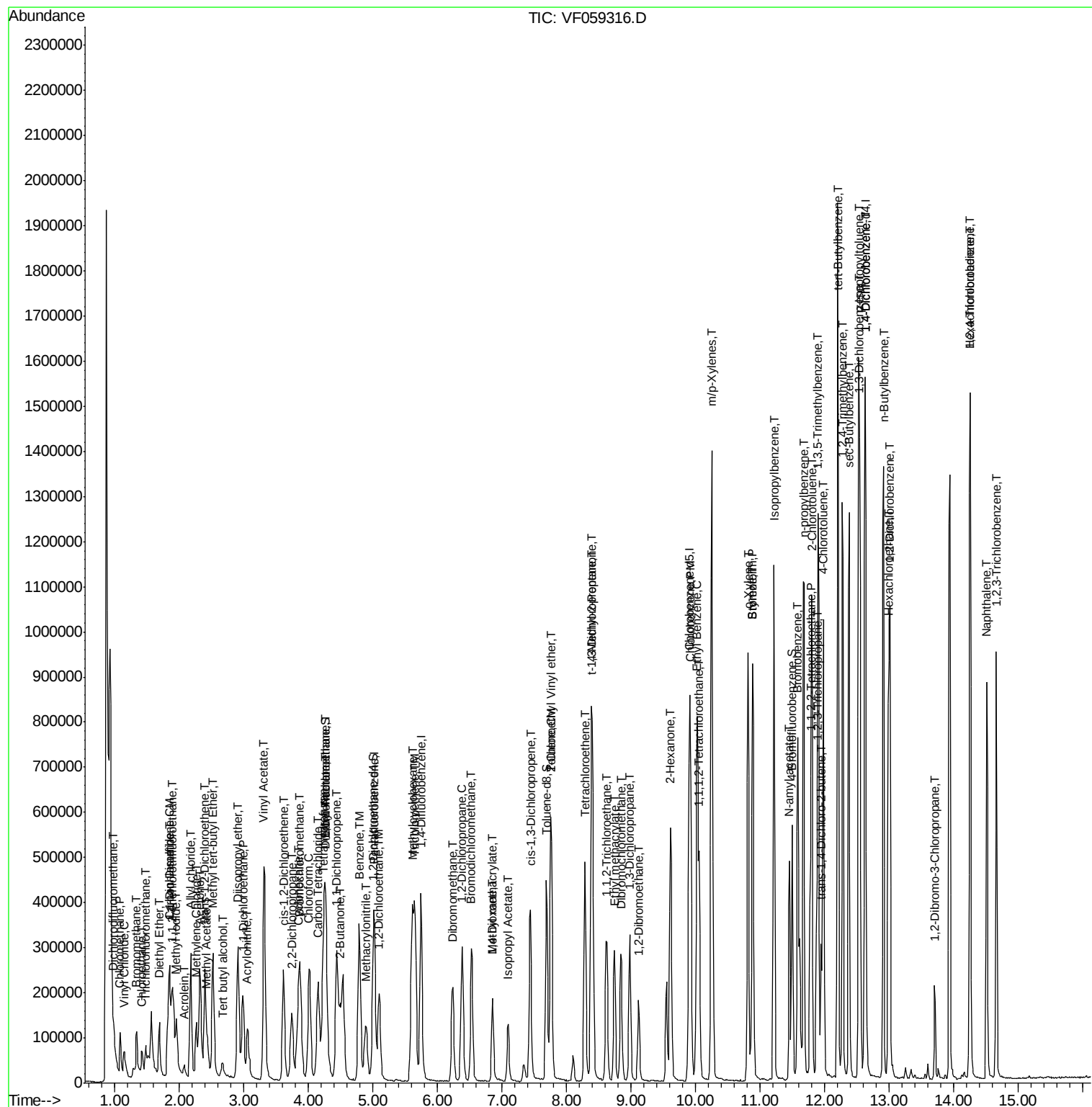
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062618\
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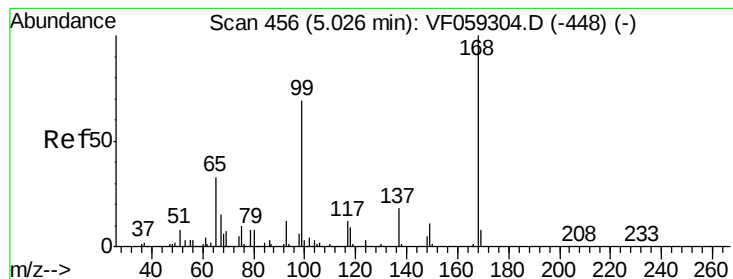
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:168 Resp: 262793

Ion Ratio Lower Upper

168 100

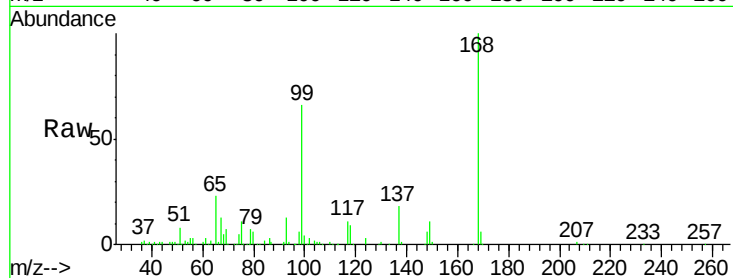
99 65.8 54.9 82.3

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

100000

80000

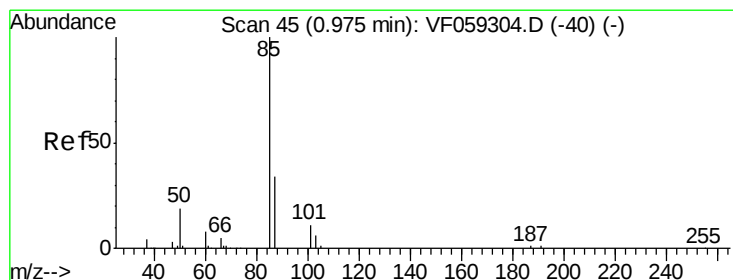
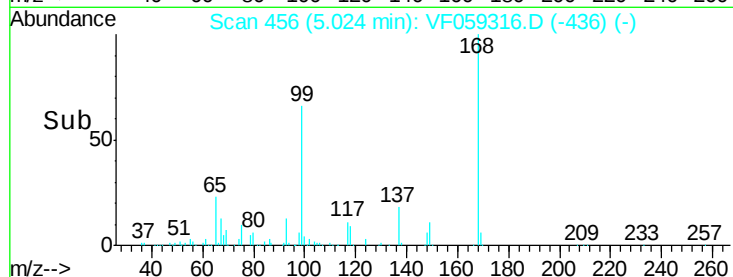
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.06 ug/l

RT: 0.98 min Scan# 46

Delta R.T. 0.01 min

Lab File: VF059316.D

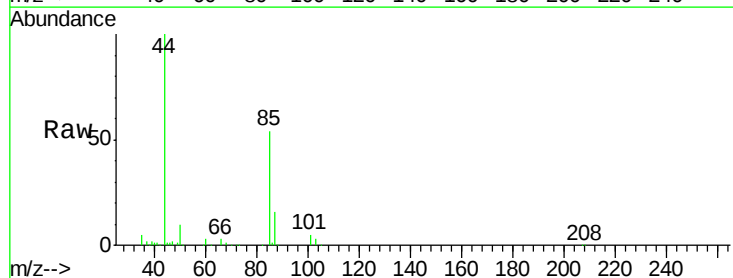
Acq: 26 Jun 2018 14:55

Tgt Ion: 85 Resp: 117785

Ion Ratio Lower Upper

85 100

87 30.1 17.1 51.3



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.98

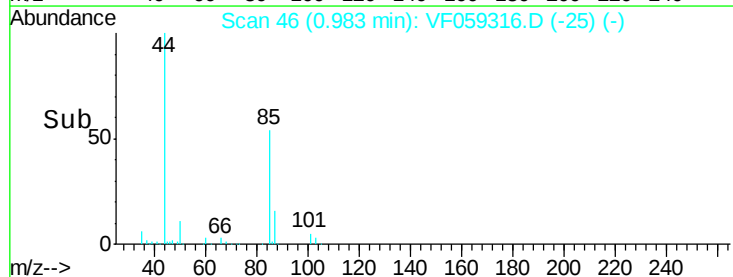
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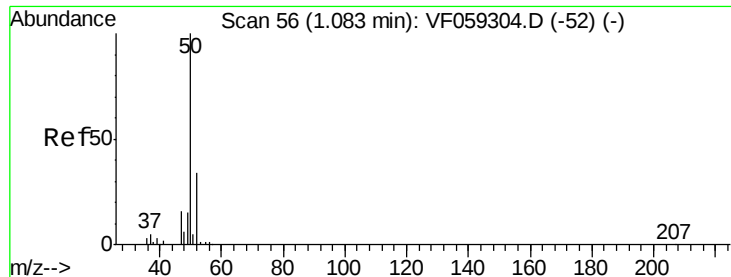
20000

10000

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Time-->





#3

Chloromethane

Concen: 48.52 ug/l

RT: 1.08 min Scan# 56

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 50 Resp: 78264

Ion Ratio Lower Upper

50 100

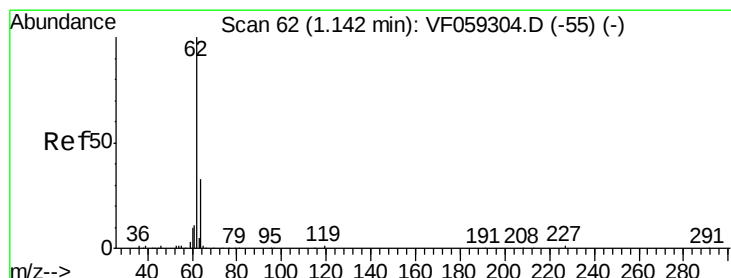
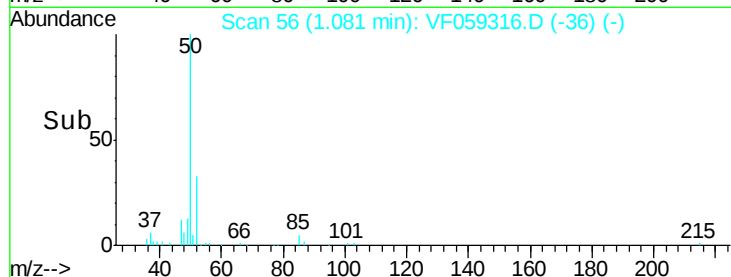
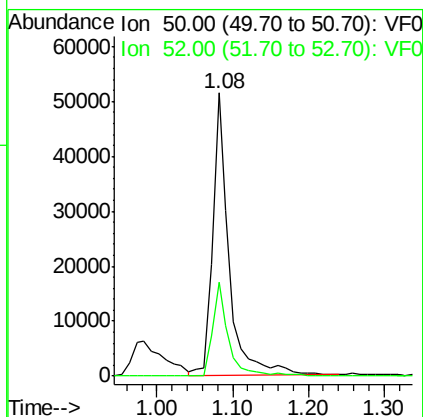
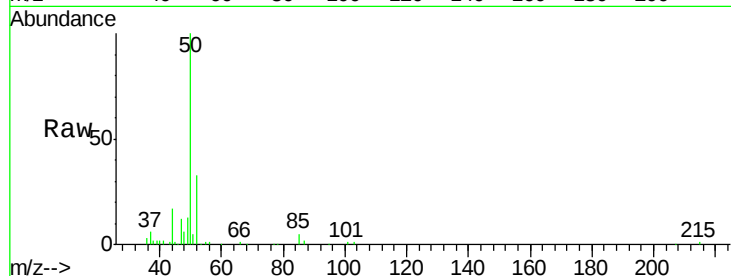
52 33.3 26.7 40.1

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#4

Vinyl Chloride

Concen: 50.99 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.01 min

Lab File: VF059316.D

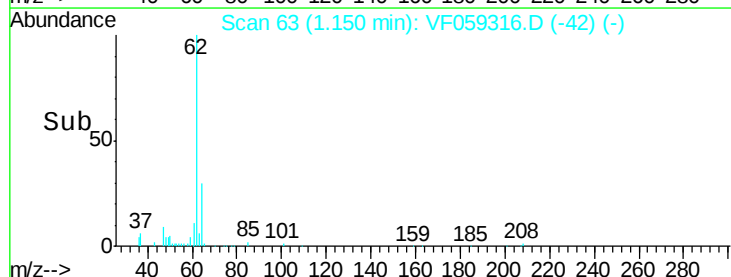
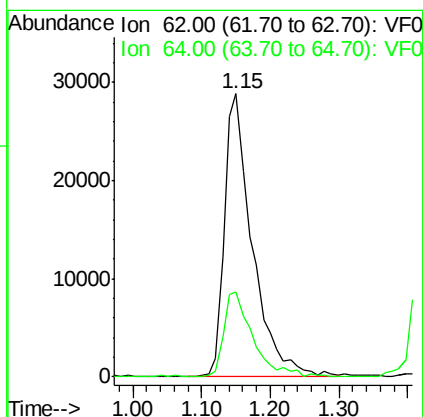
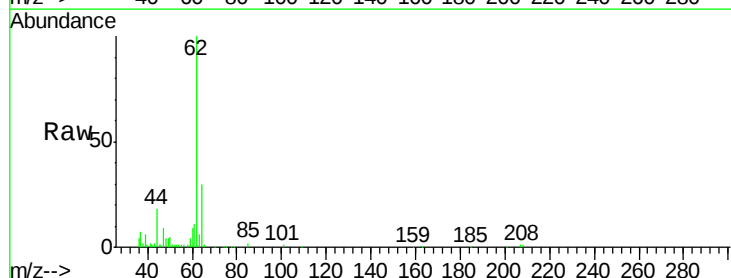
Acq: 26 Jun 2018 14:55

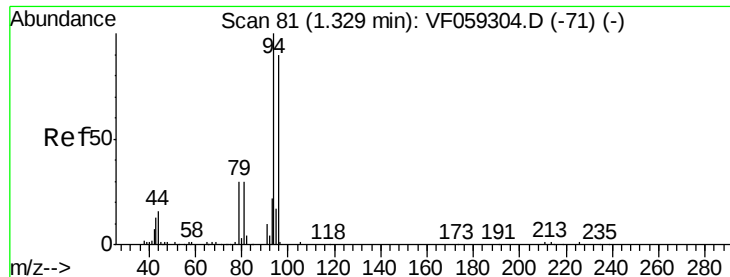
Tgt Ion: 62 Resp: 80956

Ion Ratio Lower Upper

62 100

64 29.8 26.3 39.5





#5

Bromomethane

Concen: 59.34 ug/l

RT: 1.34 min Scan# 82

Delta R.T. 0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

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Tot Ion: 94 Resp: 52418

Ion Ratio Lower Upper

94 100

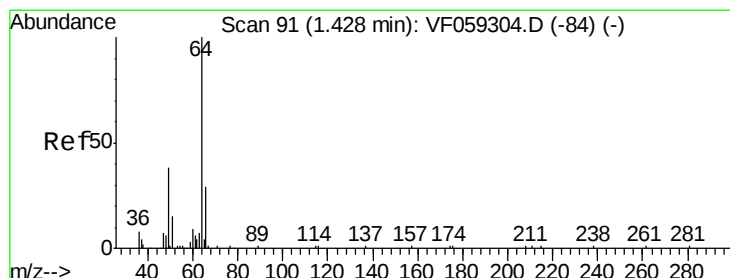
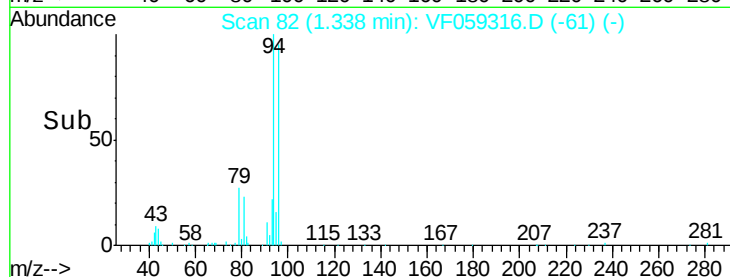
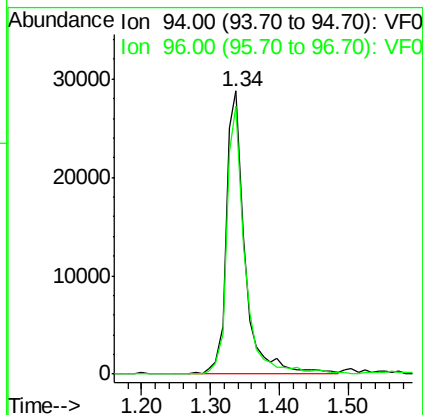
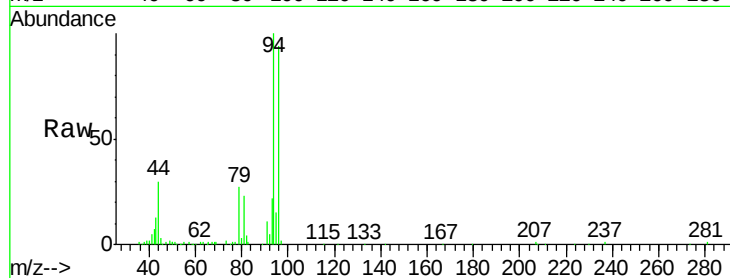
96 94.5 73.4 110.0

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#6

Chloroethane

Concen: 51.21 ug/l

RT: 1.42 min Scan# 90

Delta R.T. -0.01 min

Lab File: VF059316.D

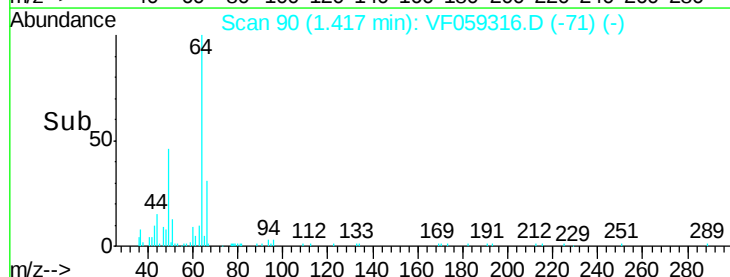
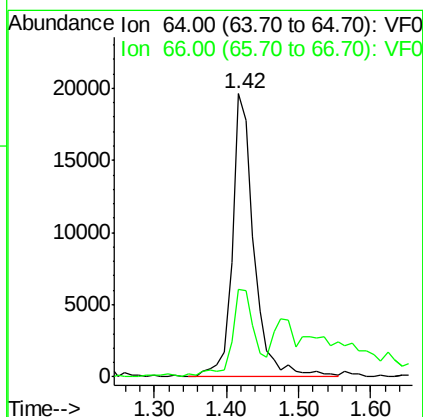
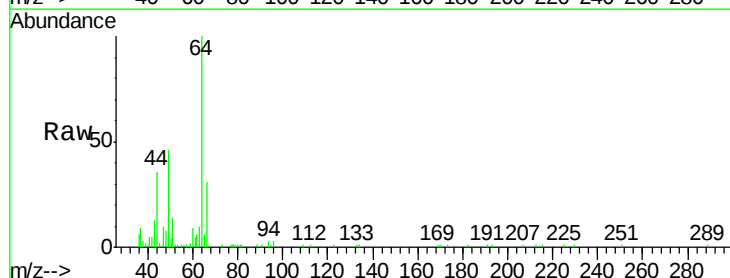
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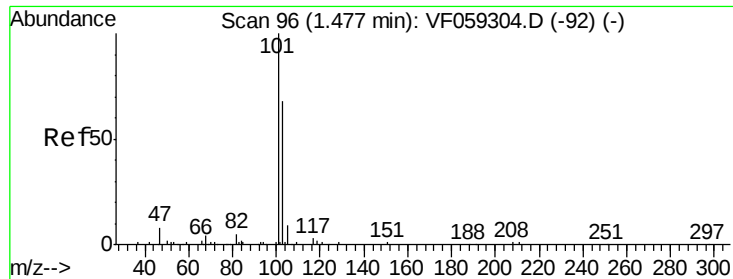
Tgt Ion: 64 Resp: 40954

Ion Ratio Lower Upper

64 100

66 31.0 23.9 35.9





#7

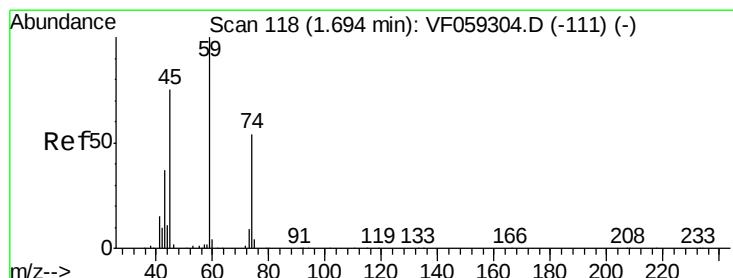
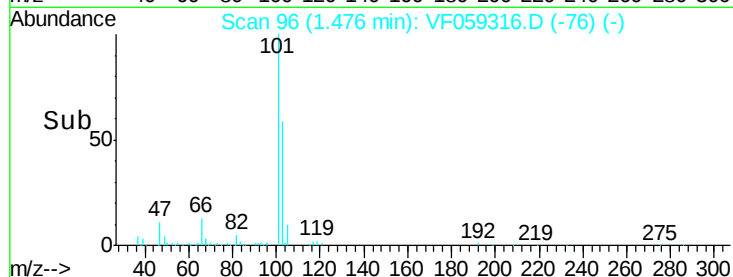
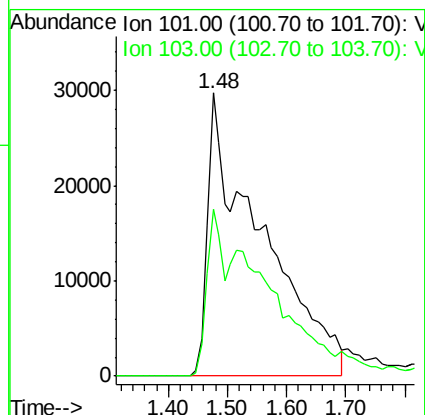
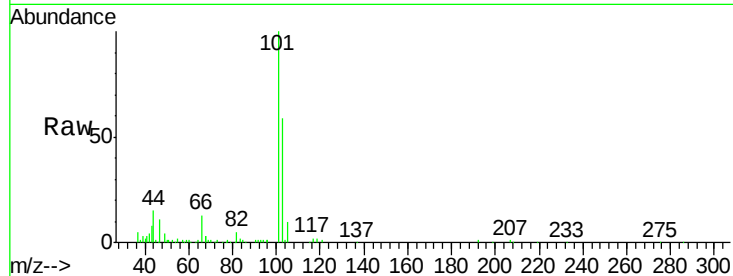
Trichlorofluoromethane
Concen: 58.91 ug/l m
RT: 1.48 min Scan# 96
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

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Tot Ion:101 Resp: 184962
Ion Ratio Lower Upper
101 100
103 59.0 54.2 81.2

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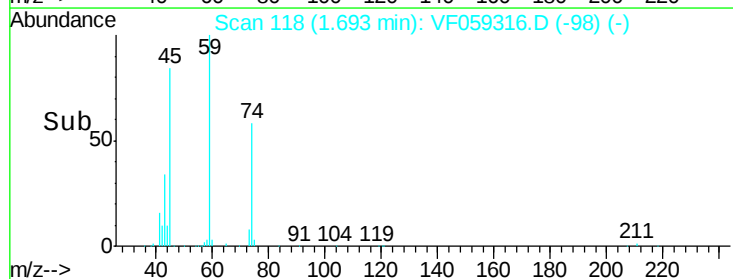
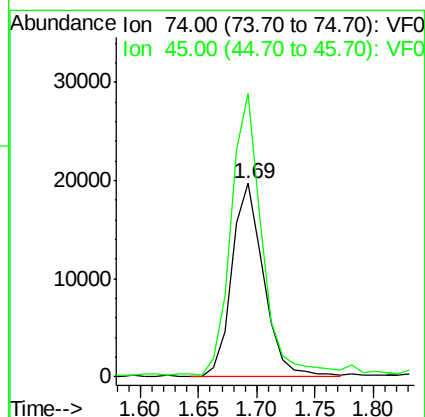
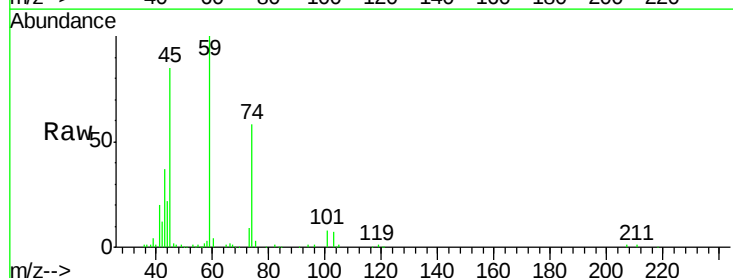
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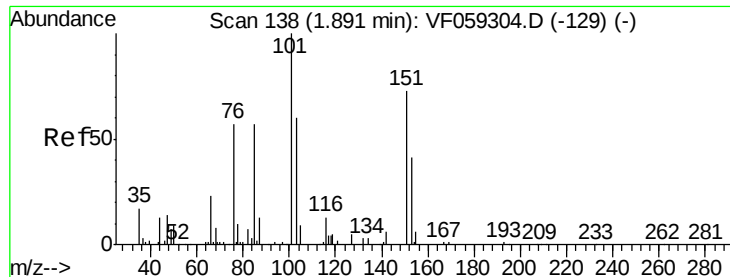


#8

Diethyl Ether
Concen: 46.32 ug/l
RT: 1.69 min Scan# 118
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion: 74 Resp: 37292
Ion Ratio Lower Upper
74 100
45 146.5 70.0 210.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.47 ug/l

RT: 1.89 min Scan# 138

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

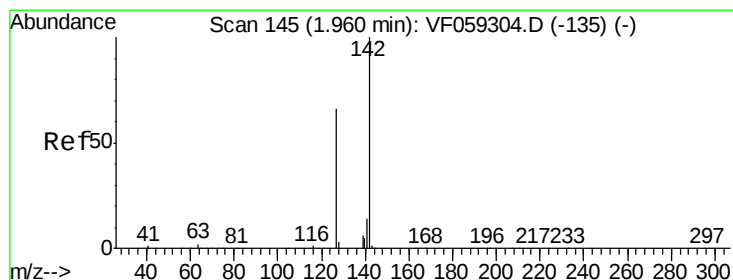
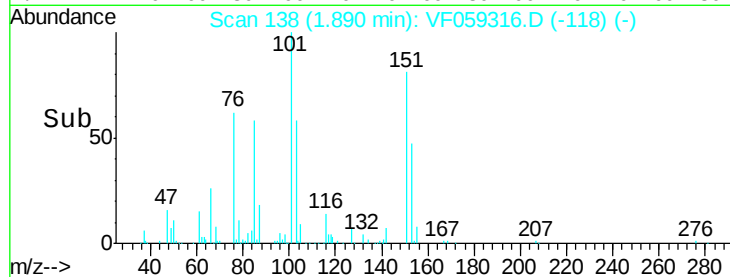
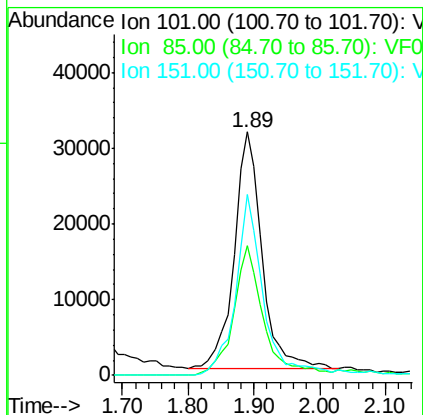
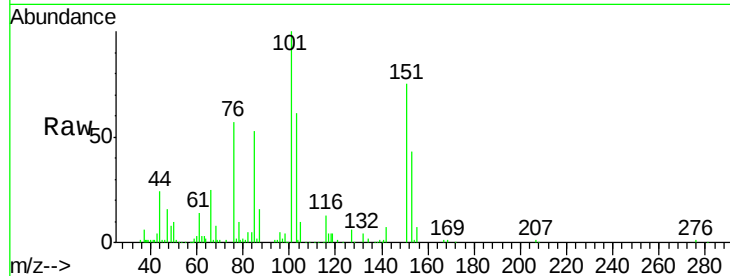
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	101	Resp:	92497
Ion Ratio	Lower	Upper	
101	100		
85	53.4	44.5	66.7
151	74.6	56.8	85.2

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#10

Methyl Iodide

Concen: 50.67 ug/l

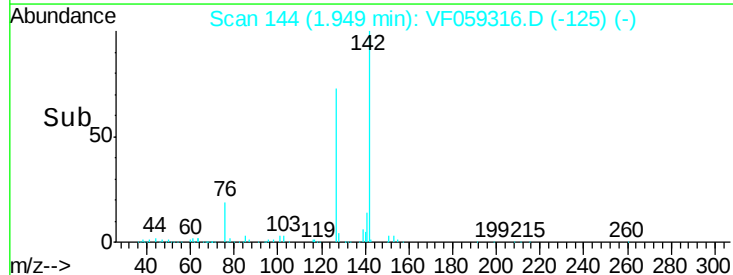
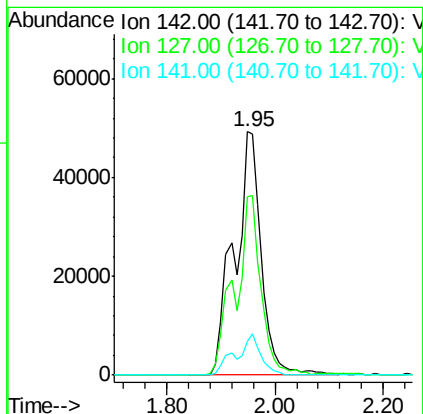
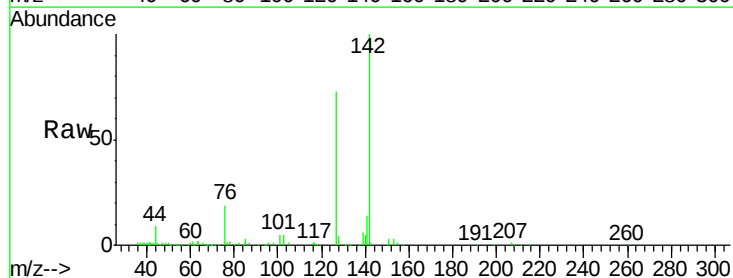
RT: 1.95 min Scan# 144

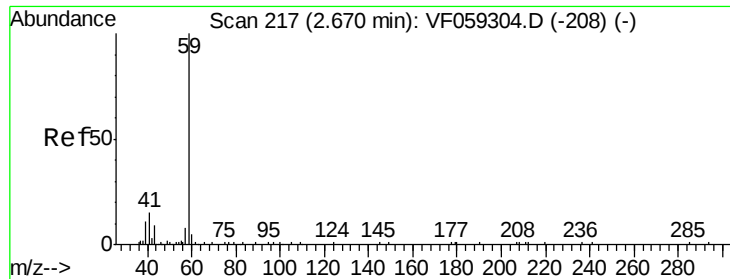
Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Tgt Ion:	142	Resp:	169327
Ion Ratio	Lower	Upper	
142	100		
127	72.3	52.5	78.7
141	13.5	11.5	17.3





#11

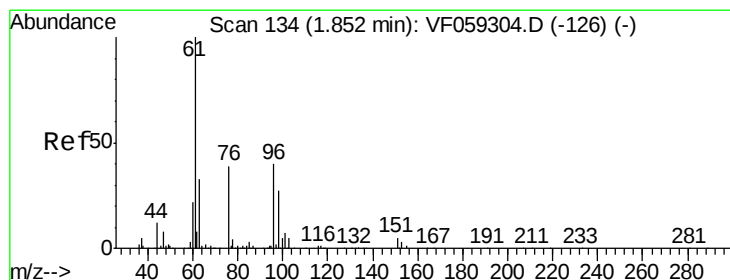
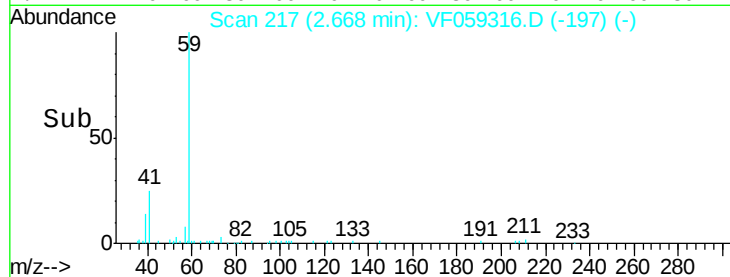
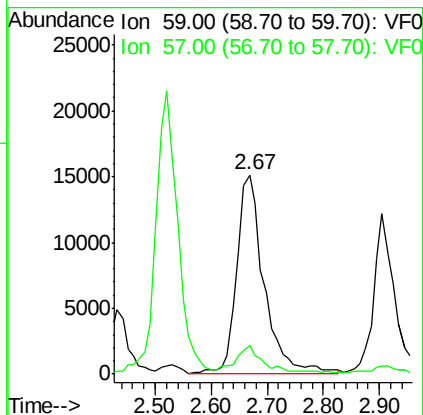
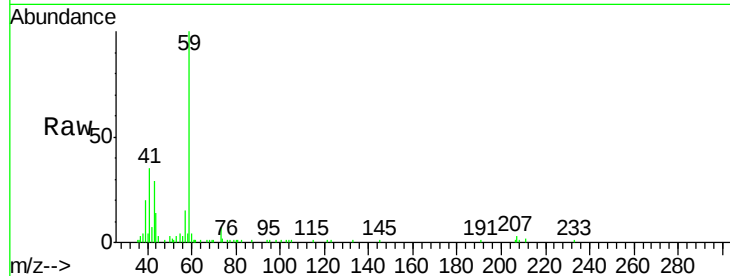
Tert butyl alcohol
Concen: 228.32 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	14.5	11.0	16.4

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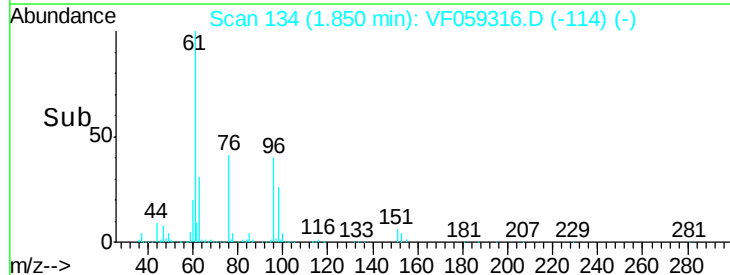
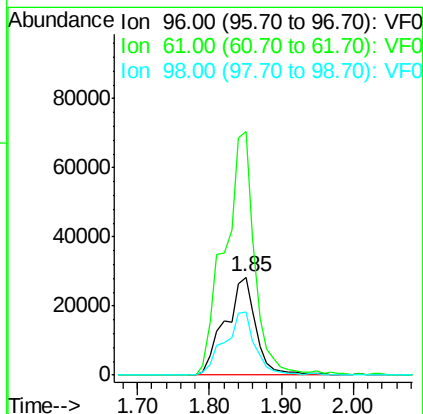
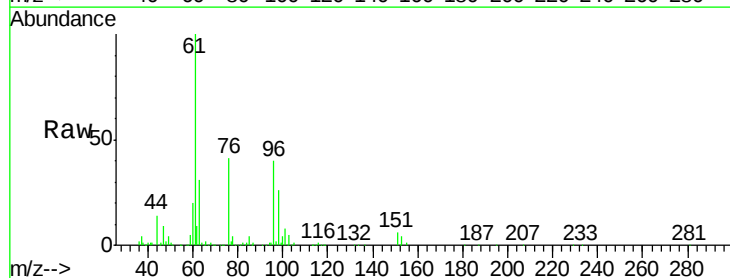
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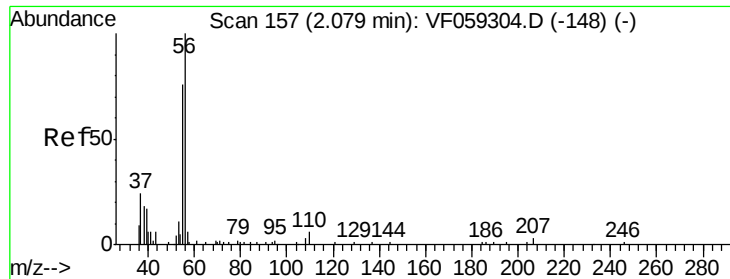


#12

1,1-Dichloroethene
Concen: 54.55 ug/l
RT: 1.85 min Scan# 134
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	248.9	201.1	301.7
98	63.9	53.9	80.9





#13

Acrolein

Concen: 146.57 ug/l

RT: 2.08 min Scan# 157

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 56 Resp: 16659

Ion Ratio Lower Upper

56 100

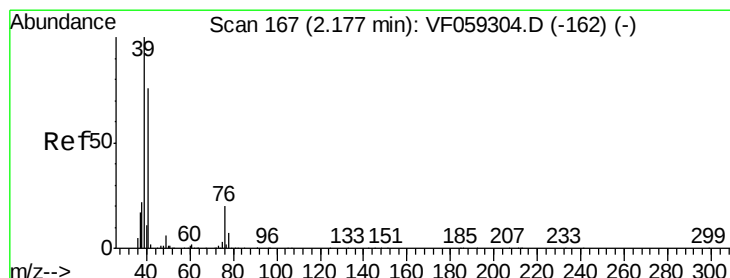
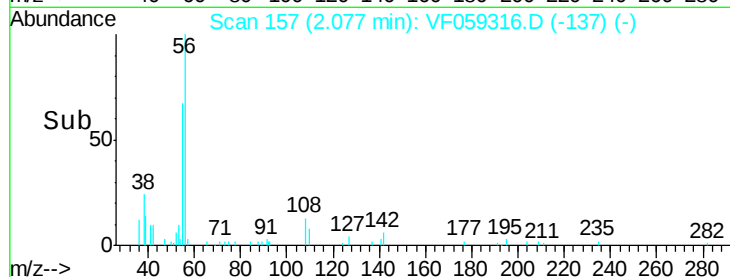
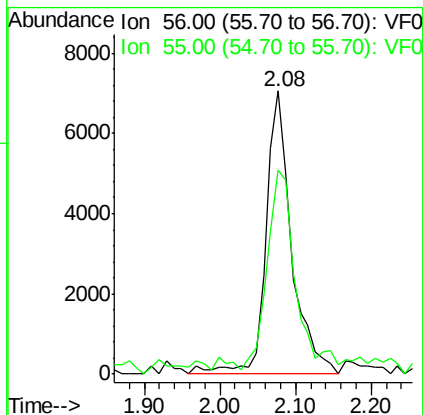
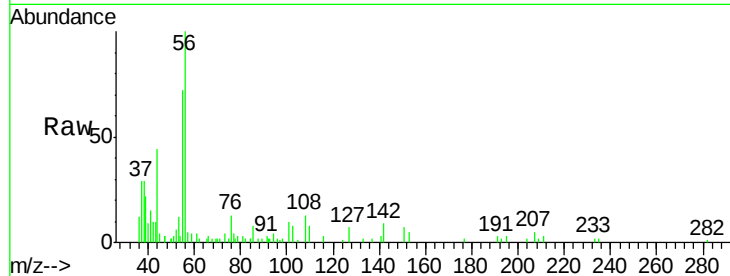
55 71.9 62.4 93.6

Manual Integrations

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#14

Allyl chloride

Concen: 52.60 ug/l

RT: 2.18 min Scan# 167

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

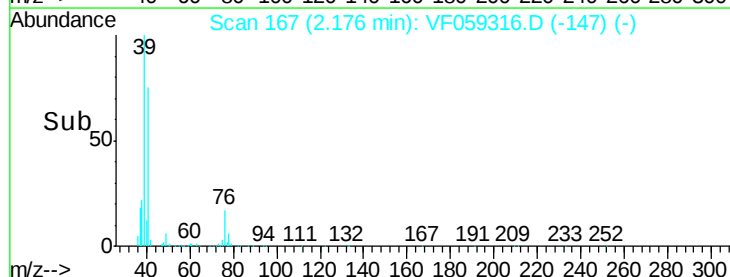
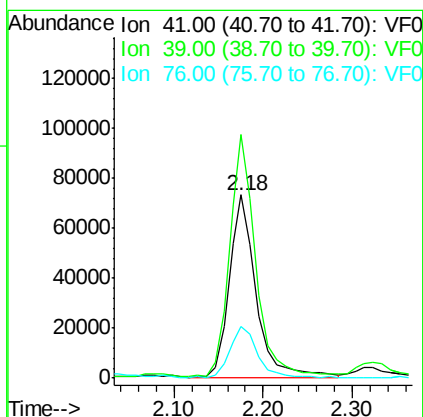
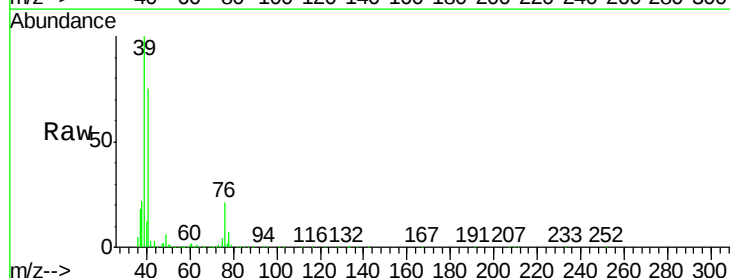
Tgt Ion: 41 Resp: 152988

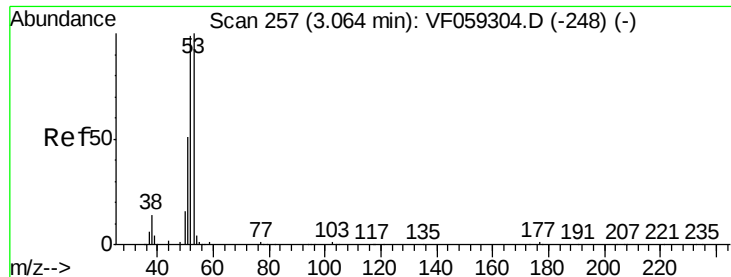
Ion Ratio Lower Upper

41 100

39 133.0 105.6 158.4

76 28.0 21.6 32.4





#15

Acrylonitrile

Concen: 261.21 ug/l

RT: 3.05 min Scan# 256

Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

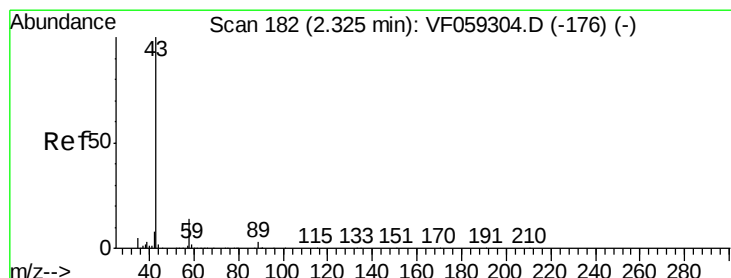
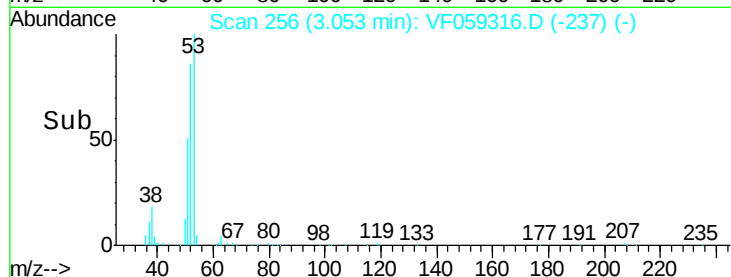
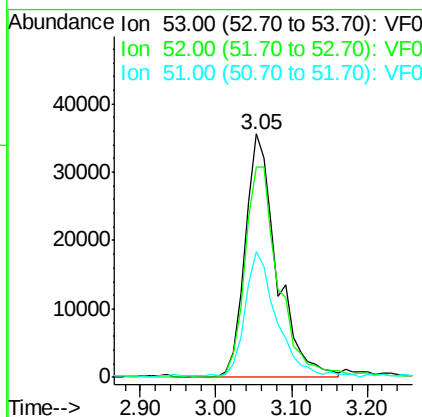
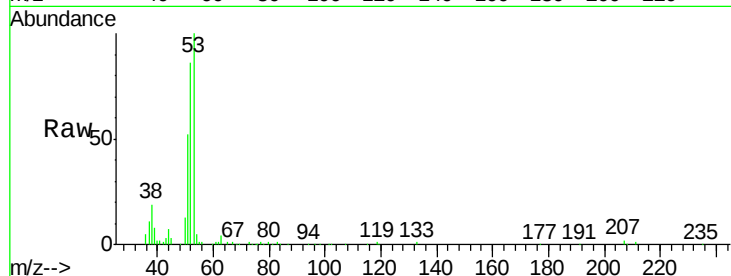
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	53	Resp:	103972
Ion Ratio		Lower	Upper
53	100		
52	86.5	79.2	118.8
51	51.8	40.9	61.3

Manual Integrations
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#16

Acetone

Concen: 386.56 ug/l

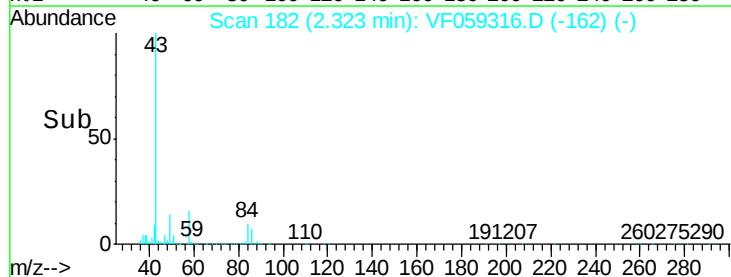
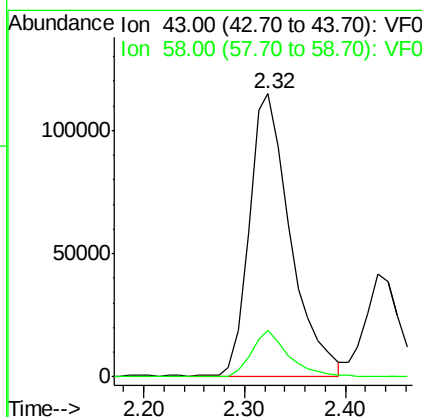
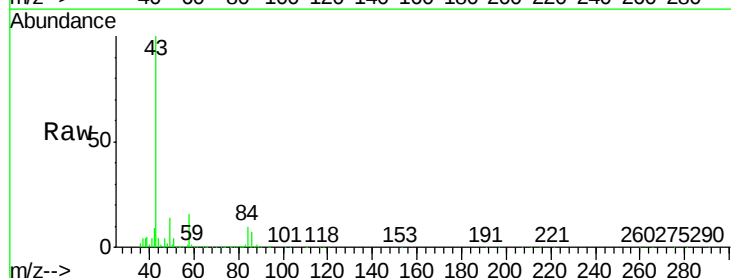
RT: 2.32 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Tgt Ion:	43	Resp:	323063
Ion Ratio		Lower	Upper
43	100		
58	16.3	11.4	17.0





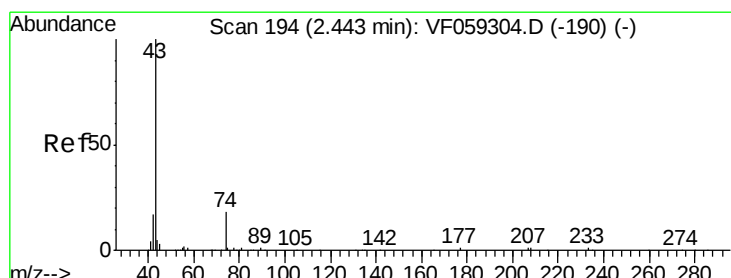
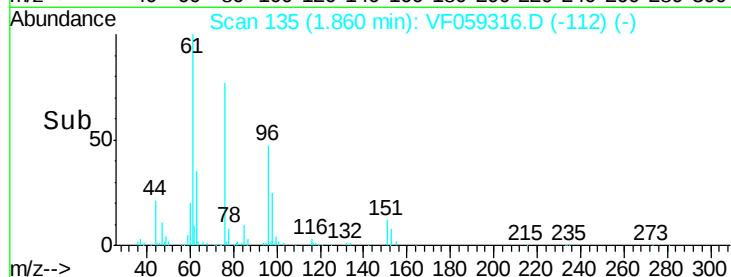
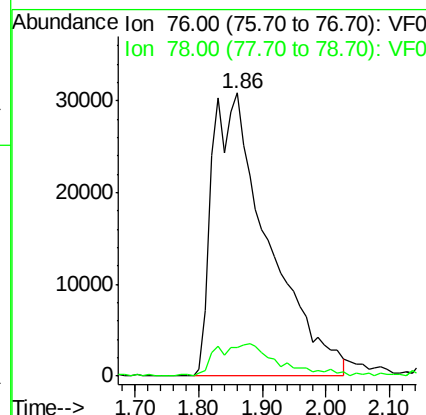
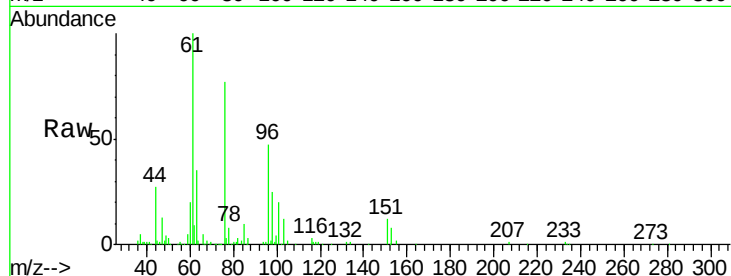
#17
Carbon Disulfide
Concen: 51.75 ug/l m
RT: 1.86 min Scan# 135
Delta R.T. 0.03 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	8.9	13.3

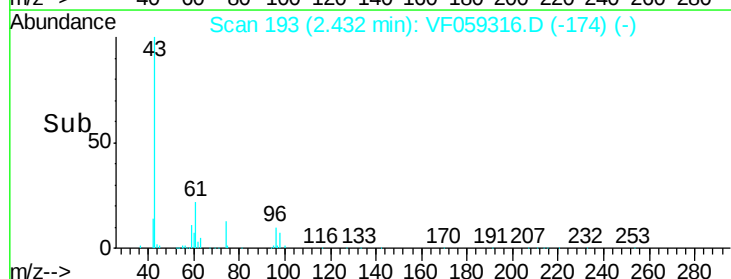
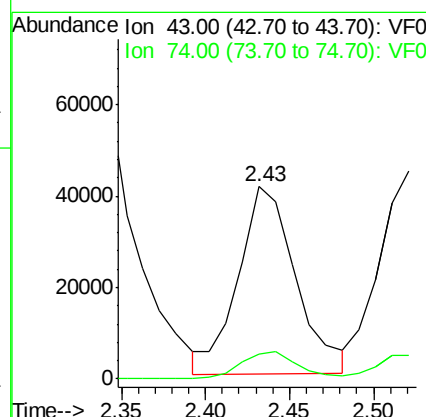
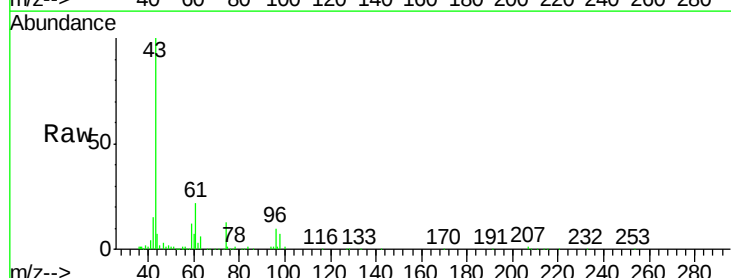
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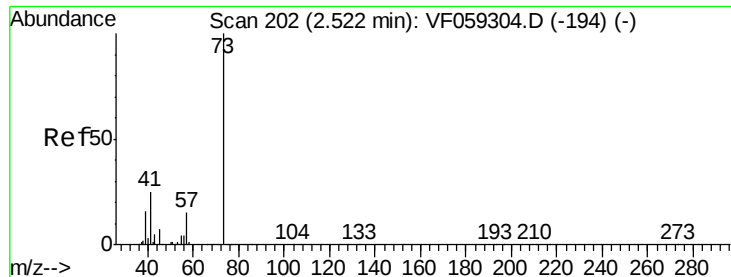
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#18
Methyl Acetate
Concen: 64.16 ug/l
RT: 2.43 min Scan# 193
Delta R.T. -0.01 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	13.2	13.3	19.9#





#19

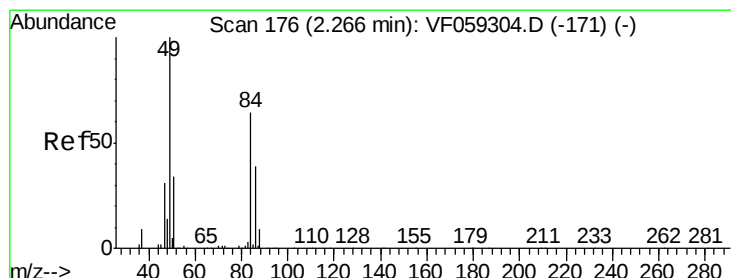
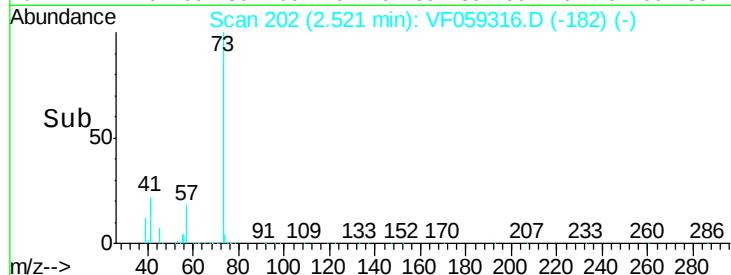
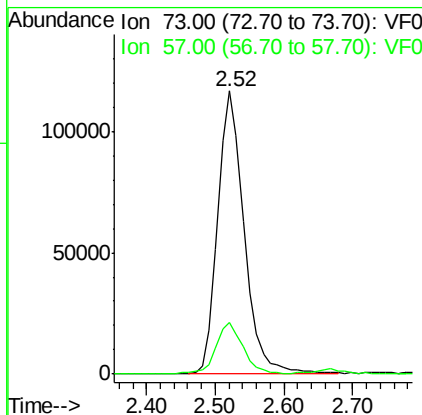
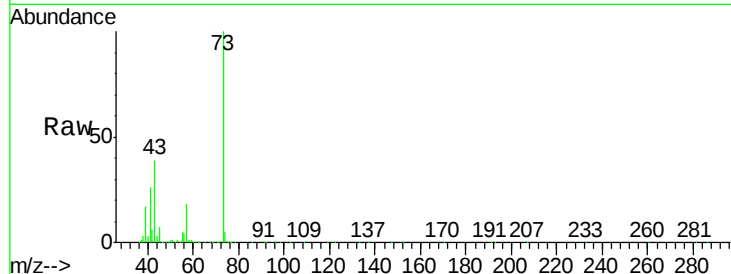
Methyl tert-butyl Ether
Concen: 53.85 ug/l
RT: 2.52 min Scan# 202
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.4	12.3	18.5

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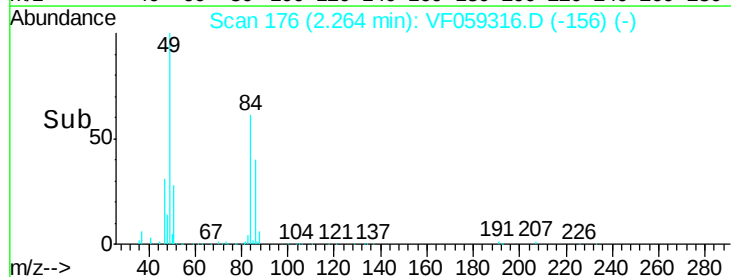
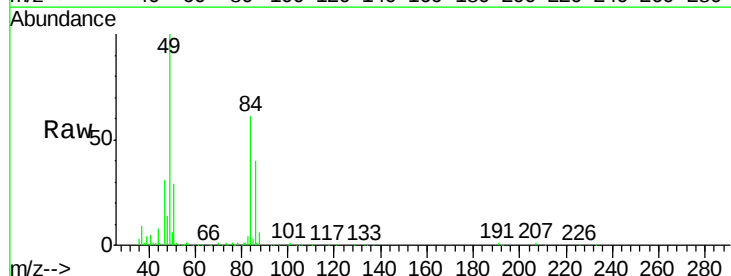
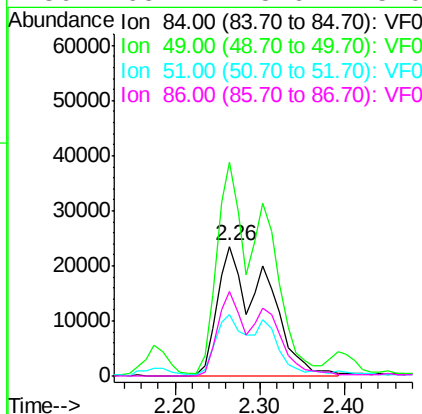
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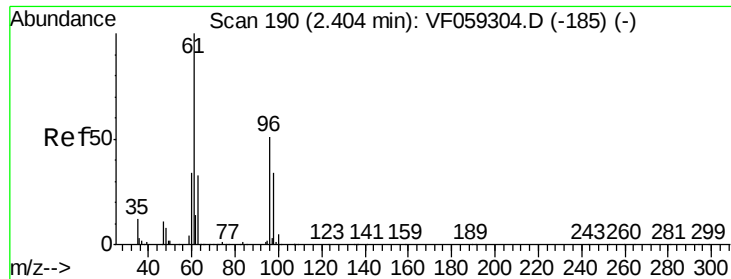


#20

Methylene Chloride
Concen: 49.20 ug/l m
RT: 2.26 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	164.8	126.5	189.7
51	47.3	42.9	64.3
86	65.1	48.6	73.0





#21

trans-1,2-Dichloroethene

Concen: 51.00 ug/l

RT: 2.40 min Scan# 190

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

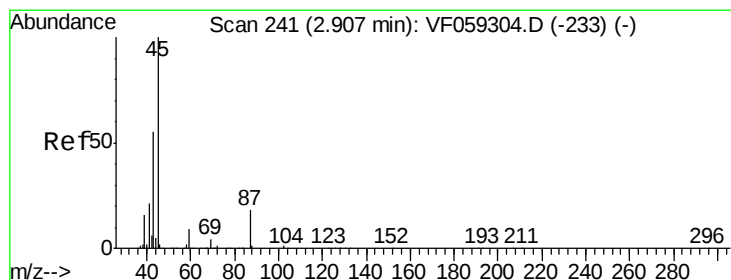
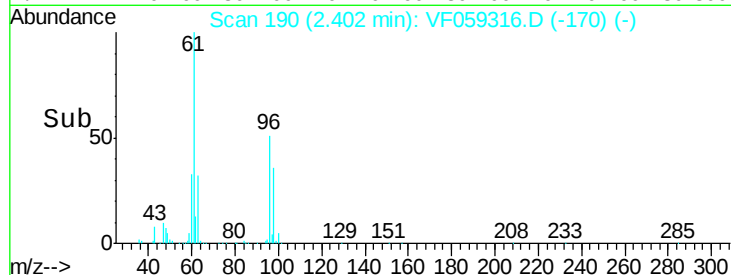
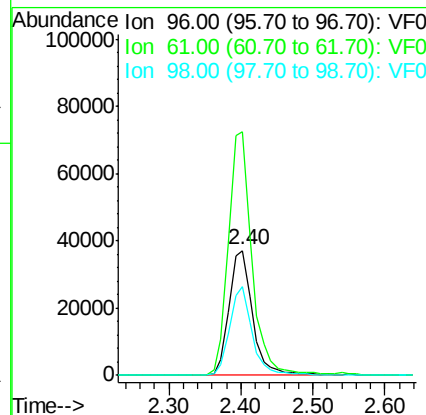
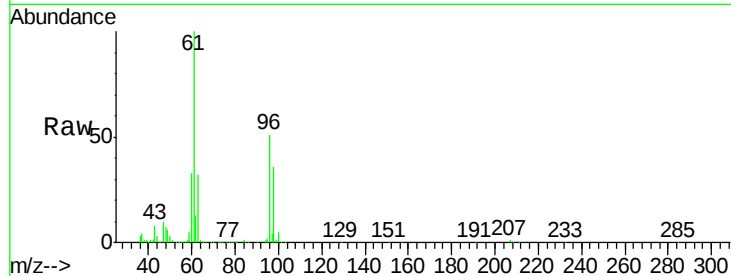
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	96	Resp:	84283
Ion	Ratio	Lower	Upper
96	100		
61	195.3	157.4	236.2
98	71.0	53.7	80.5

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#22

Diisopropyl ether

Concen: 51.17 ug/l

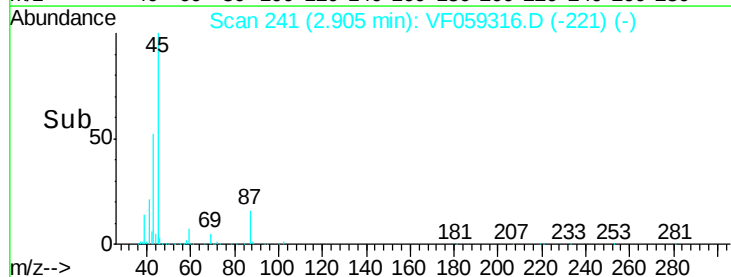
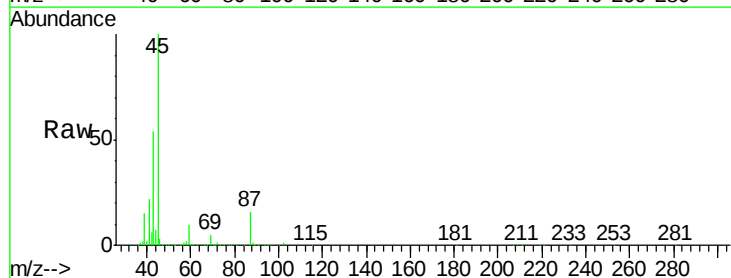
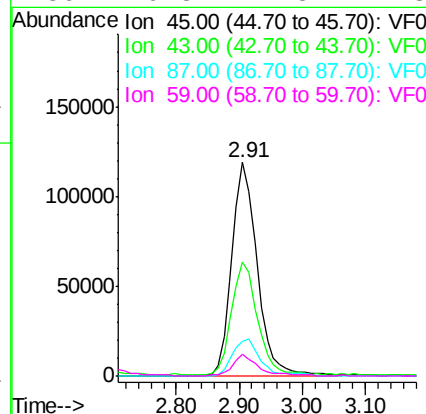
RT: 2.91 min Scan# 241

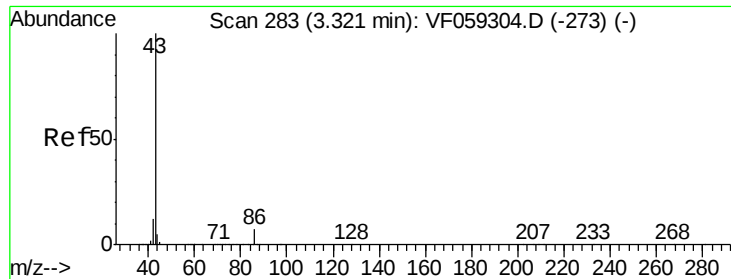
Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Tgt Ion:	45	Resp:	329526
Ion	Ratio	Lower	Upper
45	100		
43	53.6	44.6	66.8
87	16.1	14.3	21.5
59	10.3	7.5	11.3





#23

Vinyl Acetate

Concen: 243.72 ug/l

RT: 3.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 43 Resp: 999647

Ion Ratio Lower Upper

43 100

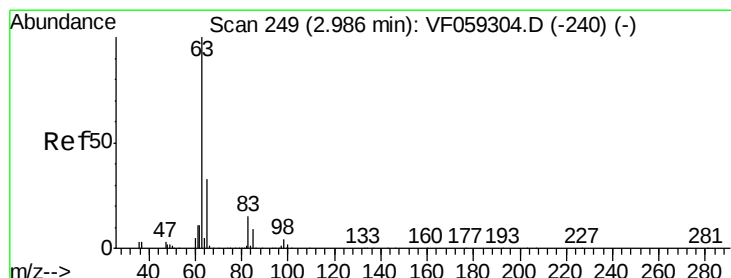
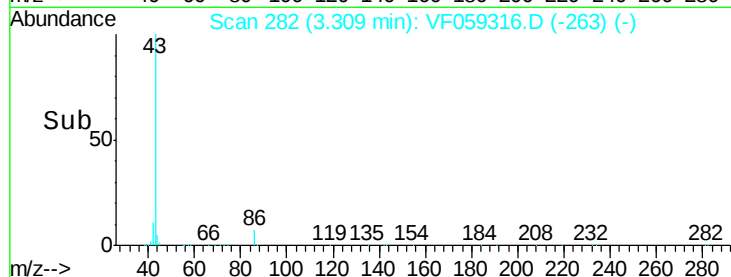
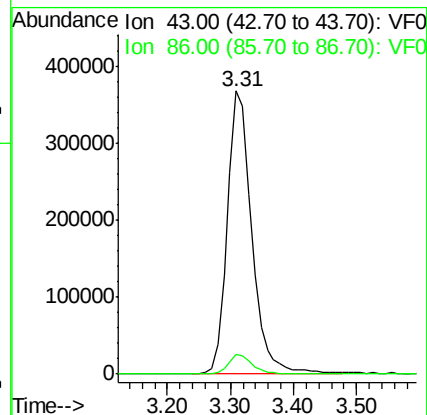
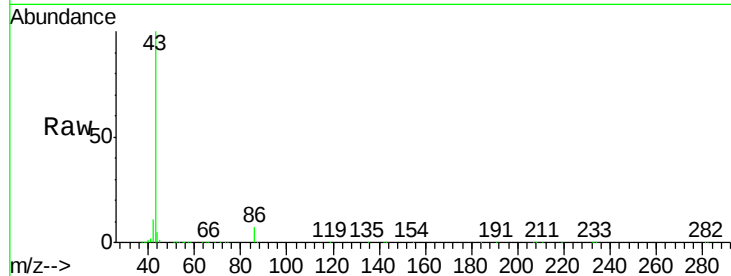
86 6.8 5.8 8.6

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#24

1,1-Dichloroethane

Concen: 51.75 ug/l

RT: 2.98 min Scan# 249

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

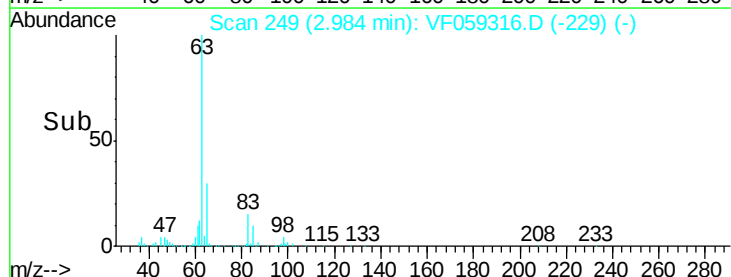
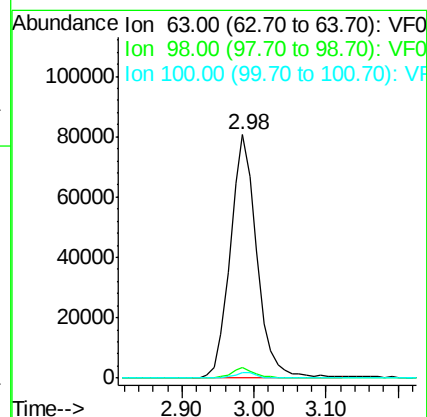
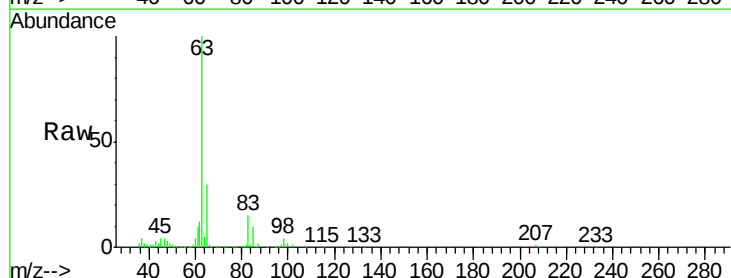
Tgt Ion: 63 Resp: 206626

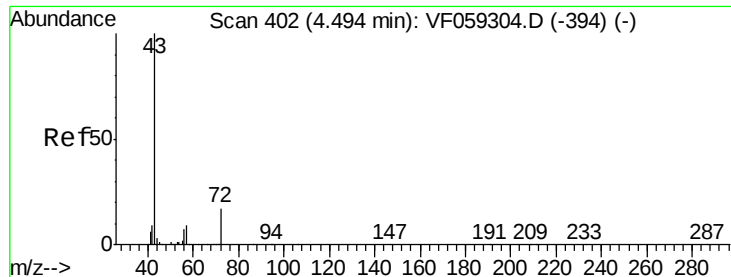
Ion Ratio Lower Upper

63 100

98 4.2 2.0 6.0

100 2.5 1.3 3.9





#25

2-Butanone

Concen: 305.76 ug/l

RT: 4.49 min Scan# 402

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 43 Resp: 313417

Ion Ratio Lower Upper

43 100

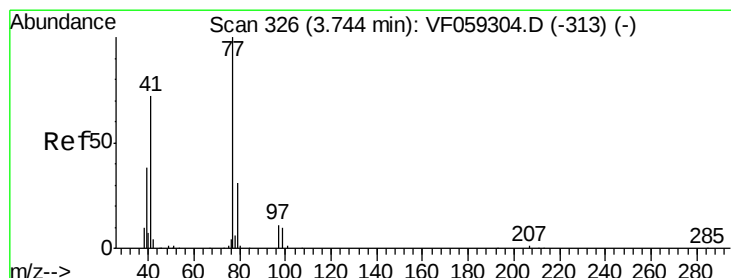
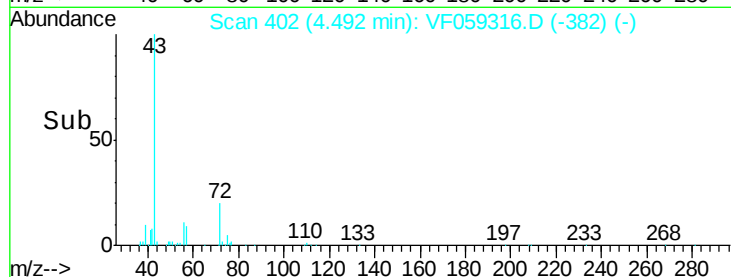
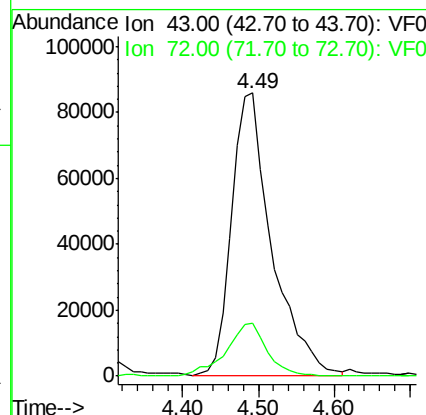
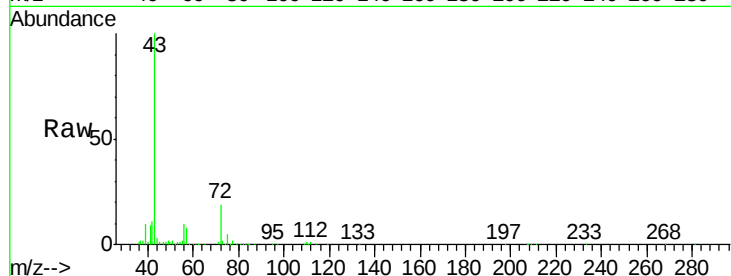
72 18.6 14.4 21.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.34 ug/l

RT: 3.74 min Scan# 326

Delta R.T. -0.00 min

Lab File: VF059316.D

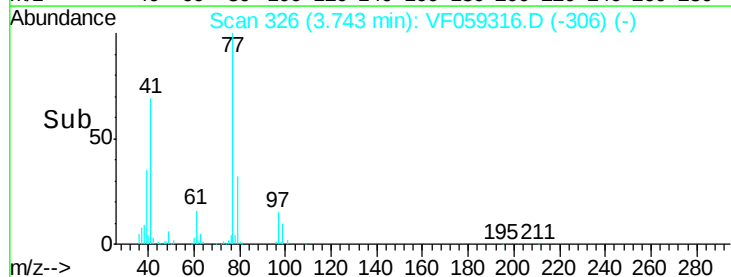
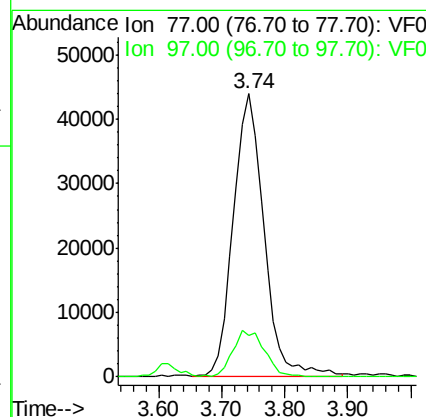
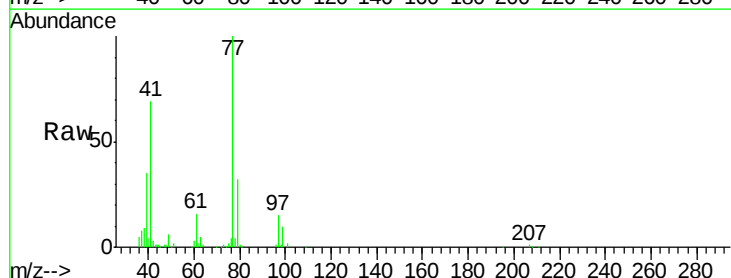
Acq: 26 Jun 2018 14:55

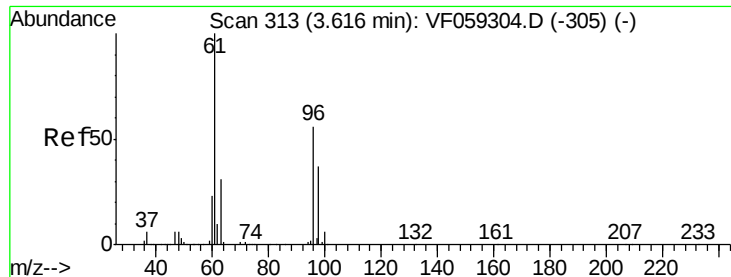
Tgt Ion: 77 Resp: 146903

Ion Ratio Lower Upper

77 100

97 14.5 8.0 23.8





#27

cis-1,2-Dichloroethene

Concen: 54.50 ug/l

RT: 3.61 min Scan# 313

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

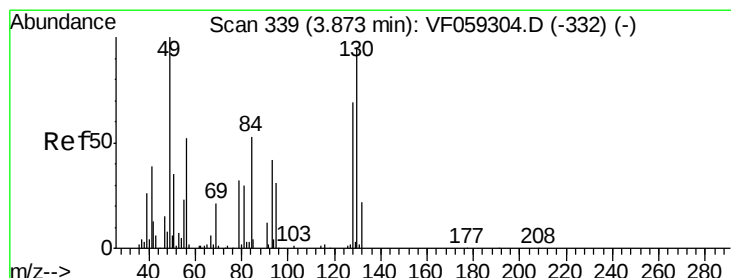
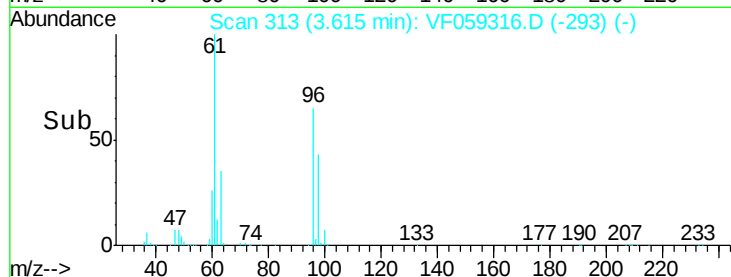
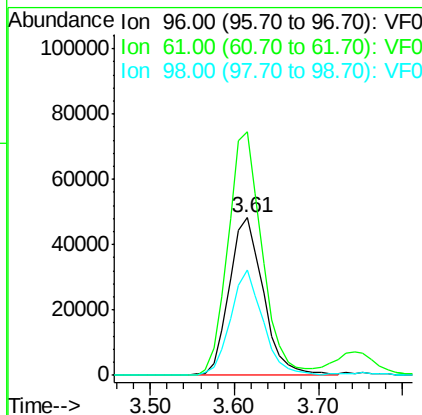
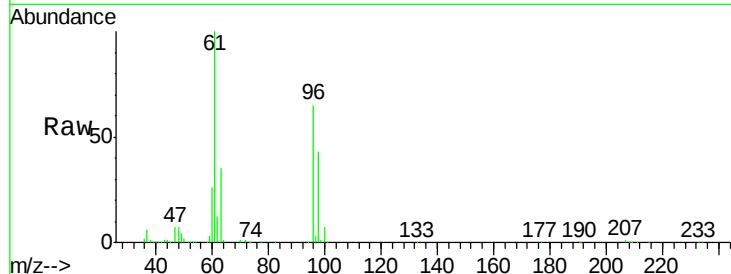
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	96	Resp:	136762
Ion Ratio	Lower	Upper	
96	100		
61	154.3	0.0	355.4
98	66.8	0.0	131.0

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#28

Bromochloromethane

Concen: 54.86 ug/l

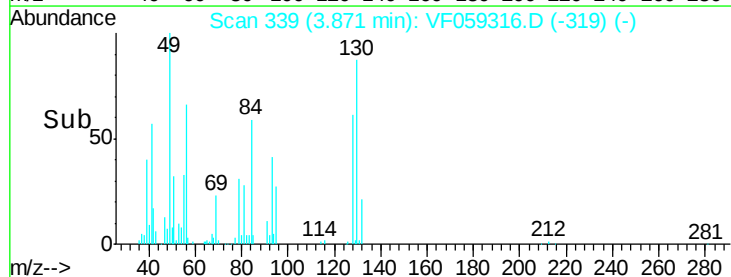
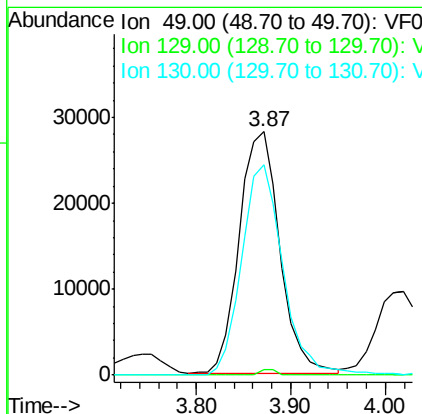
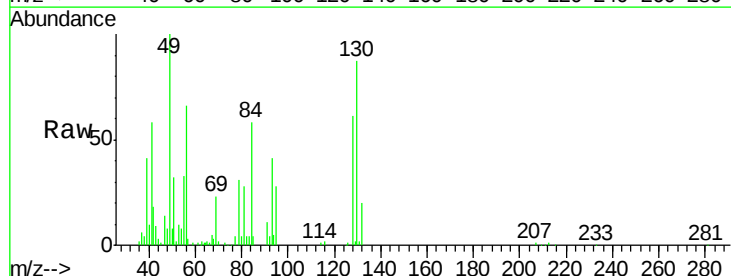
RT: 3.87 min Scan# 339

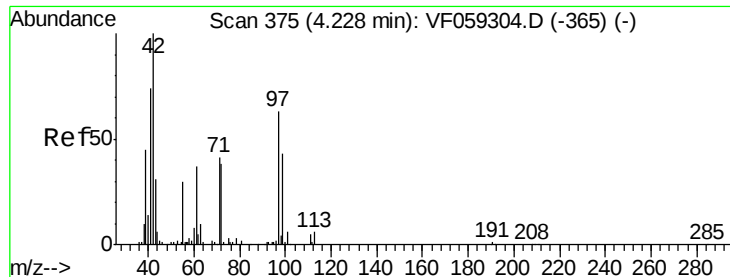
Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Tgt Ion:	49	Resp:	83496
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	6.4
130	86.5	75.1	112.7





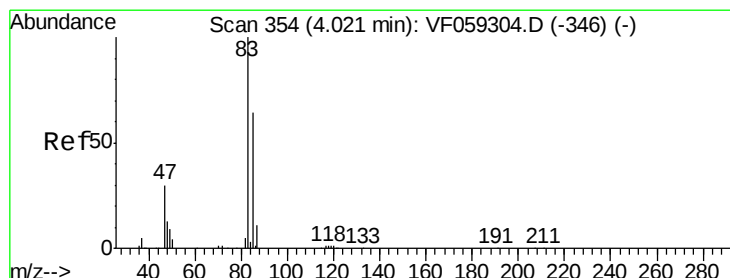
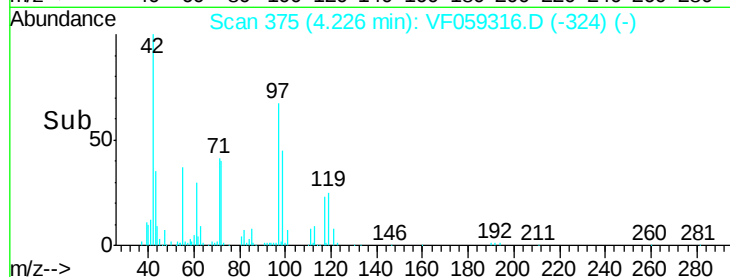
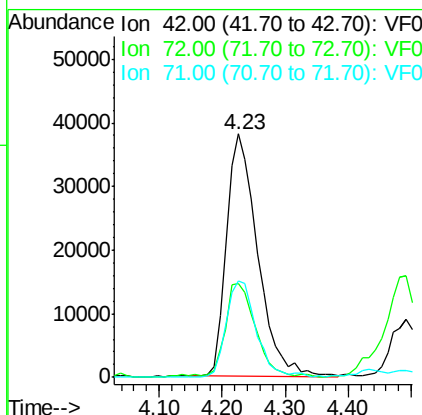
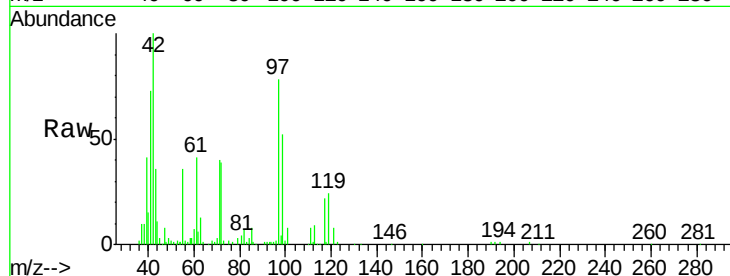
#29
Tetrahydrofuran
Concen: 298.33 ug/l
RT: 4.23 min Scan# 375
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	30.5	45.7
71	38.8	32.5	48.7

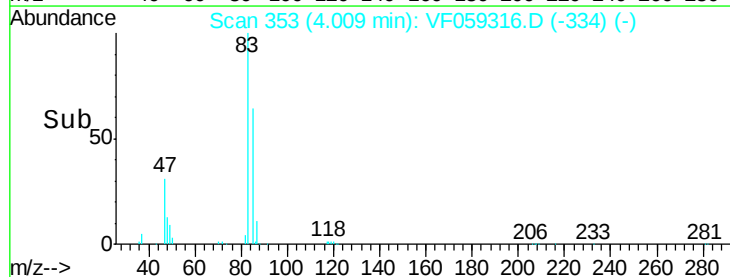
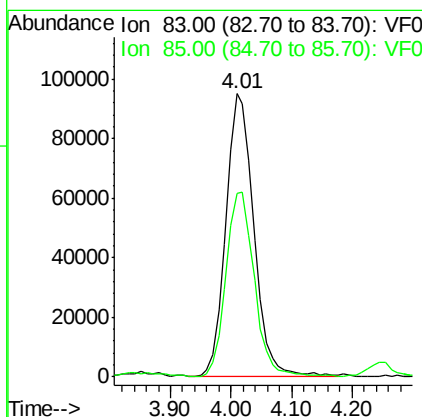
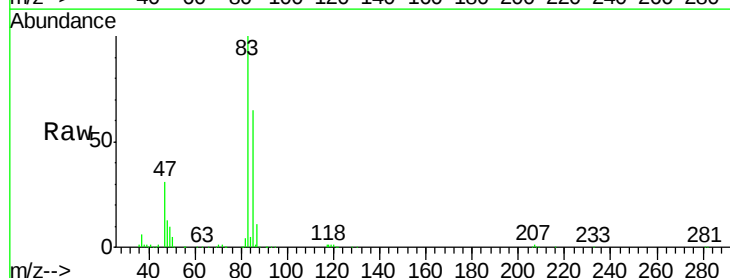
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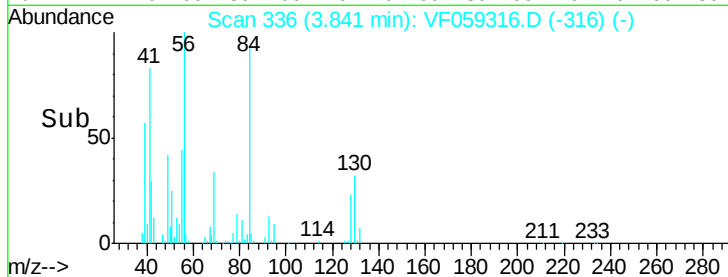
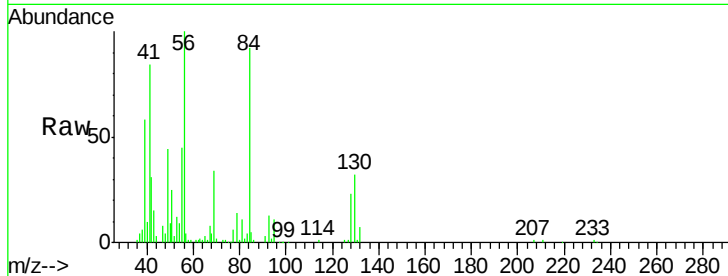
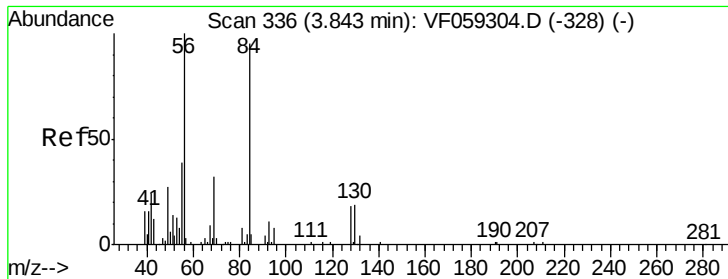
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#30
Chloroform
Concen: 52.70 ug/l
RT: 4.01 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.3	76.9





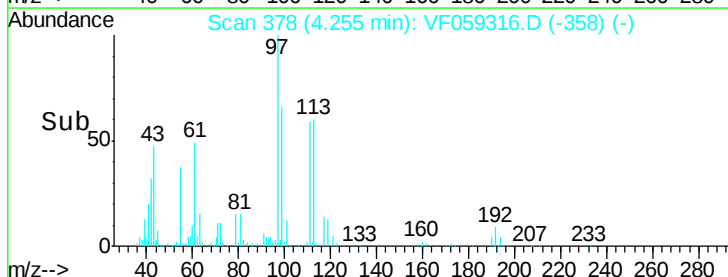
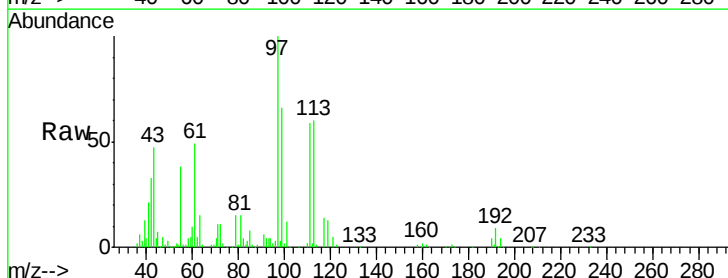
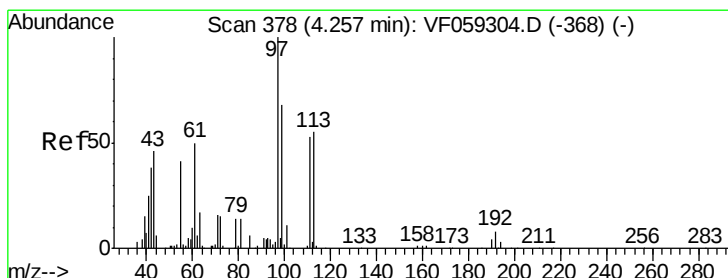
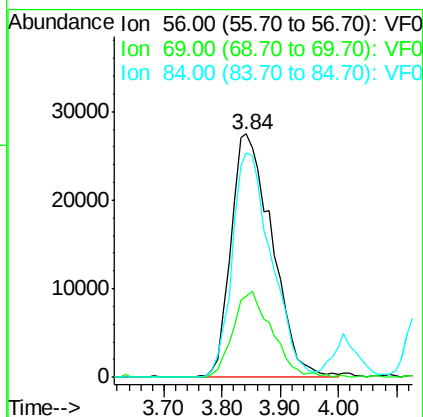
#31
Cyclohexane
Concen: 51.75 ug/l
RT: 3.84 min Scan# 336
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	25.8	38.8
84	92.3	75.6	113.4

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

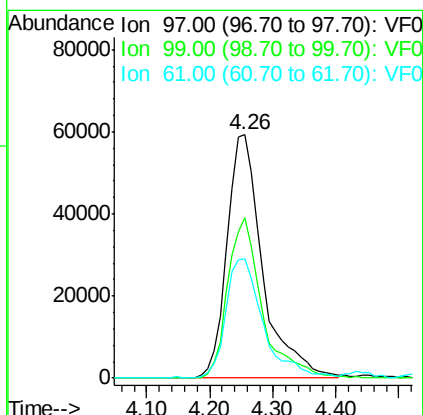
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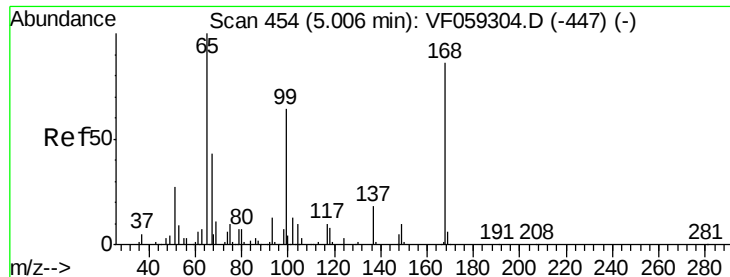
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#32
1,1,1-Trichloroethane
Concen: 54.99 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	54.1	81.1
61	49.2	41.2	61.8





#33

1,2-Dichloroethane-d4

Concen: 48.22 ug/l

RT: 4.99 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 65 Resp: 163719

Ion Ratio Lower Upper

65 100

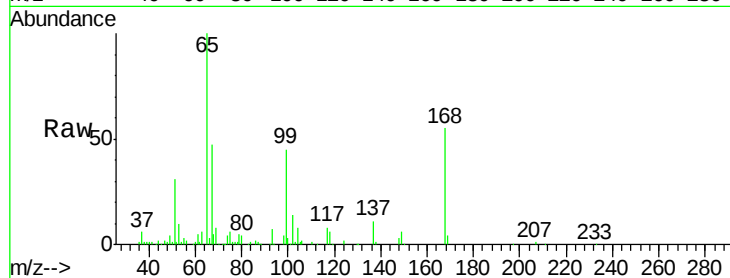
67 47.1 0.0 96.8

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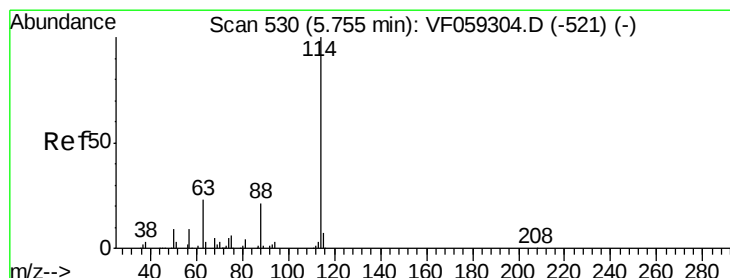
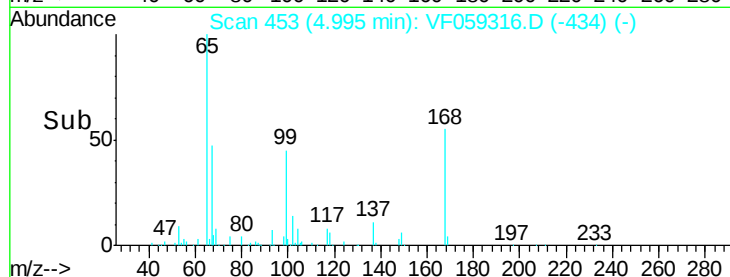
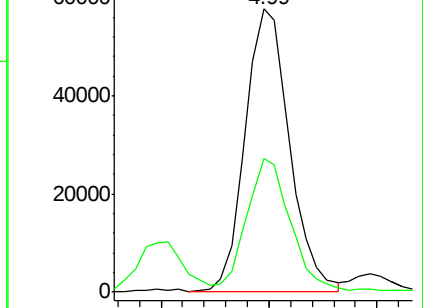
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

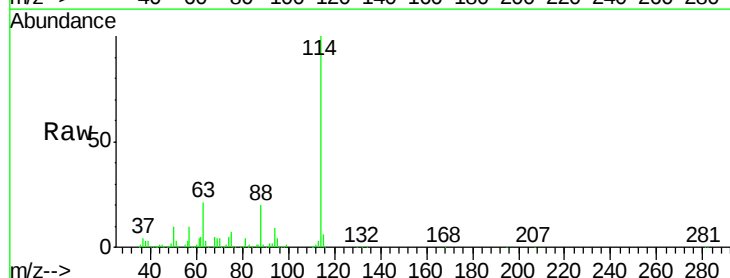
Tgt Ion: 114 Resp: 412315

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.8

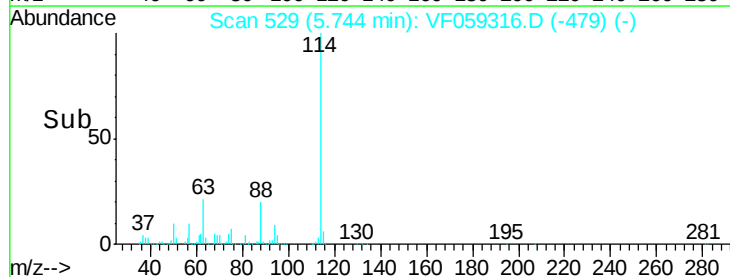
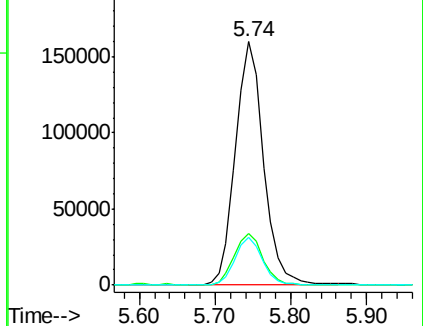
88 19.7 0.0 41.2

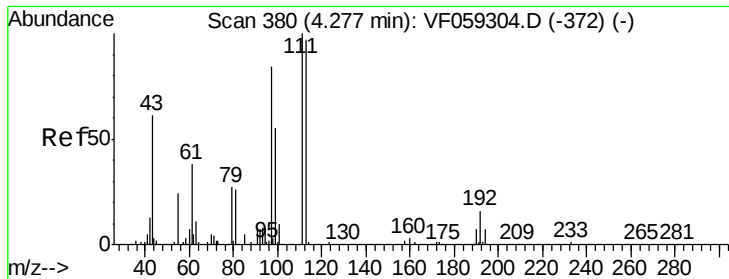


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 46.65 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

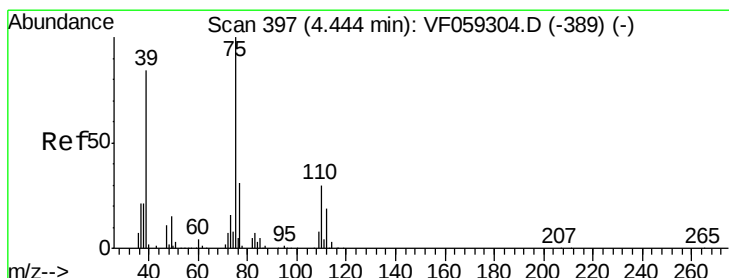
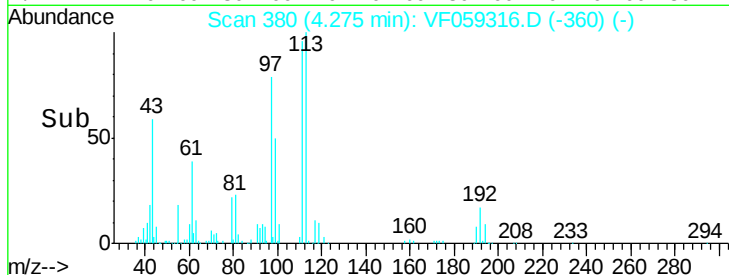
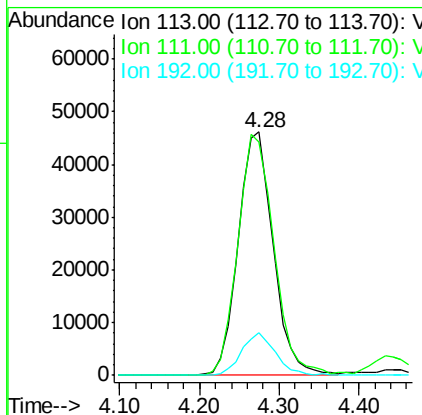
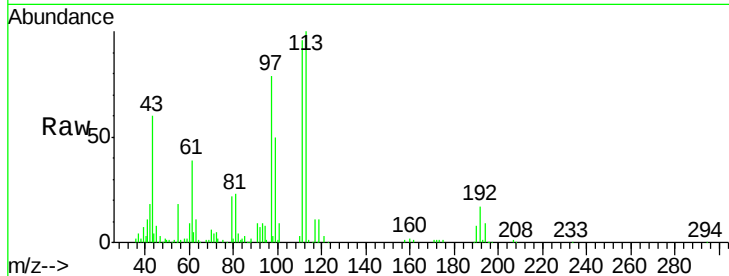
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	113	Resp:	140545
Ion Ratio	Lower	Upper	
113	100		
111	95.8	82.1	123.1
192	17.6	13.0	19.6

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#36

1,1-Dichloropropene

Concen: 54.05 ug/l

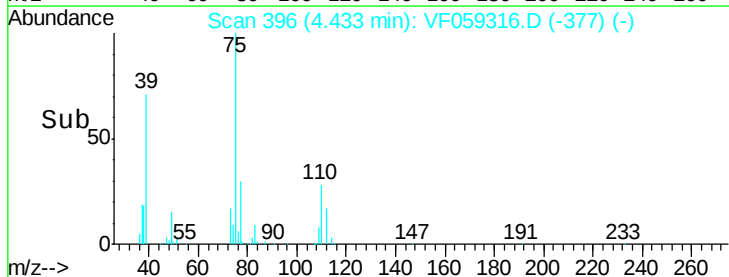
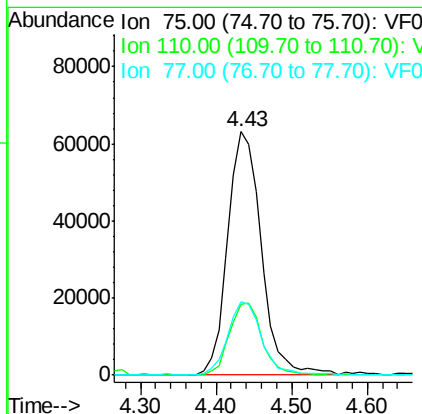
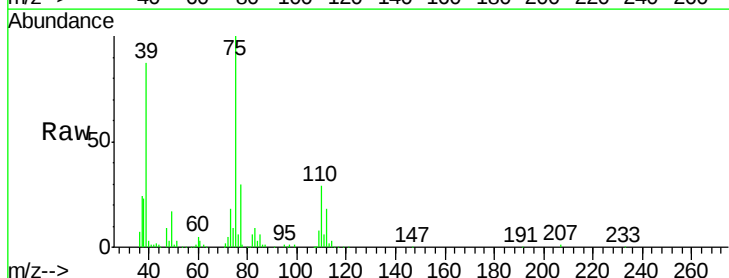
RT: 4.43 min Scan# 396

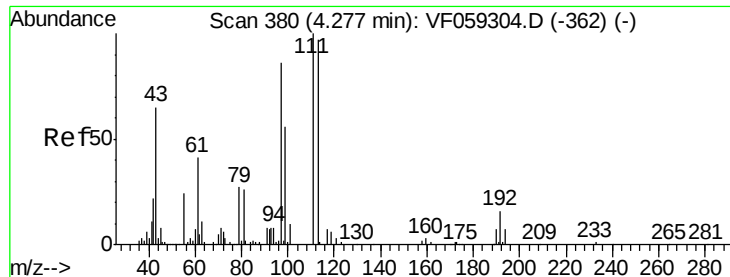
Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Tgt Ion:	75	Resp:	194680
Ion Ratio	Lower	Upper	
75	100		
110	29.1	14.8	44.4
77	30.1	25.2	37.8





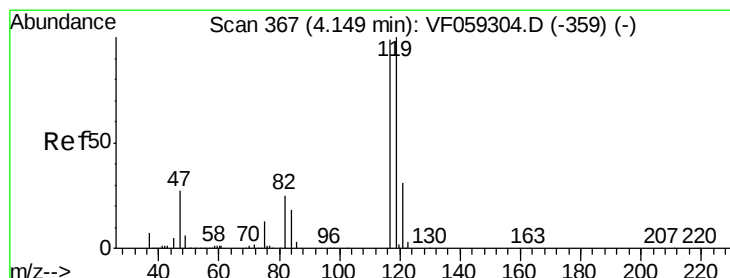
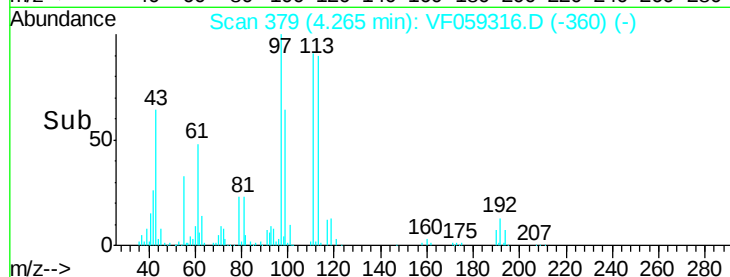
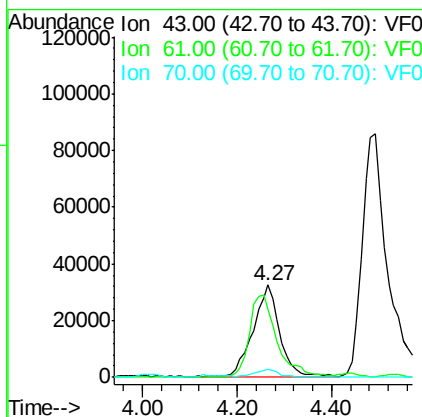
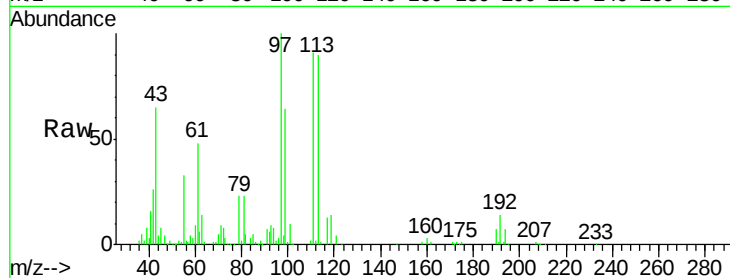
#37
Ethyl Acetate
Concen: 54.74 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	74.6	50.1	75.1
70	8.1	6.2	9.4

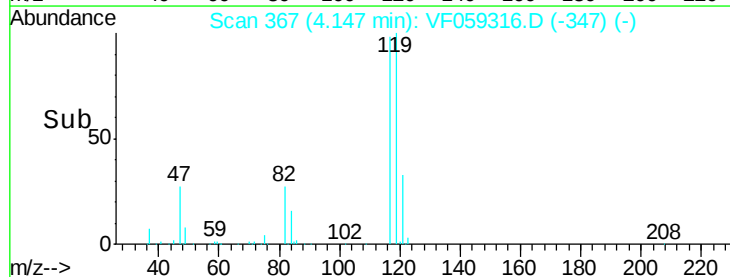
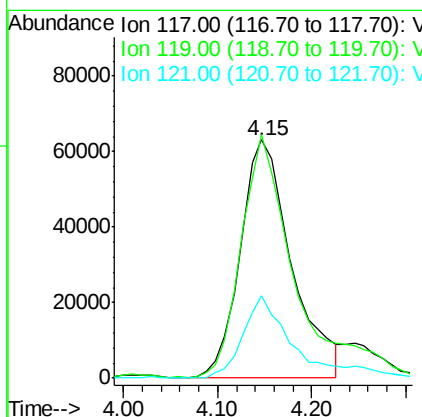
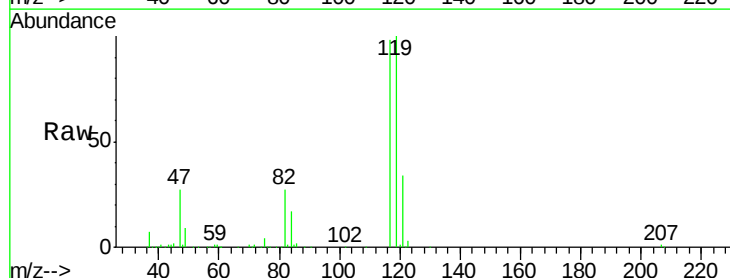
Manual Integrations
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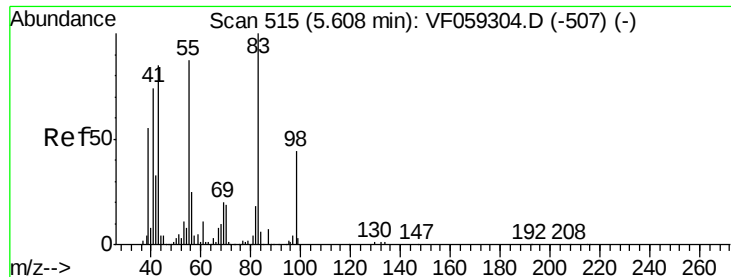
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#38
Carbon Tetrachloride
Concen: 52.75 ug/l m
RT: 4.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.3	81.0	121.4
121	34.4	24.7	37.1





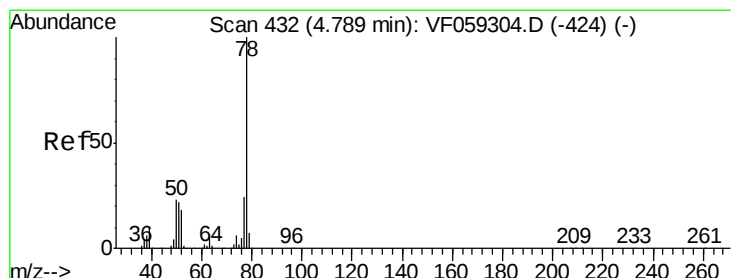
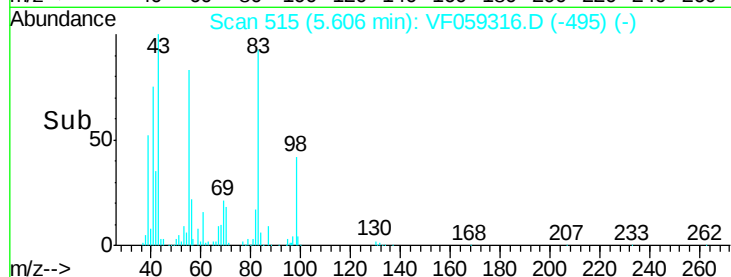
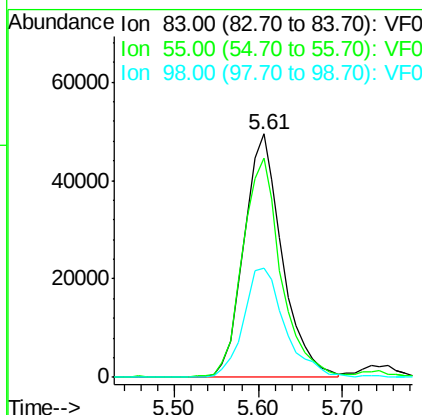
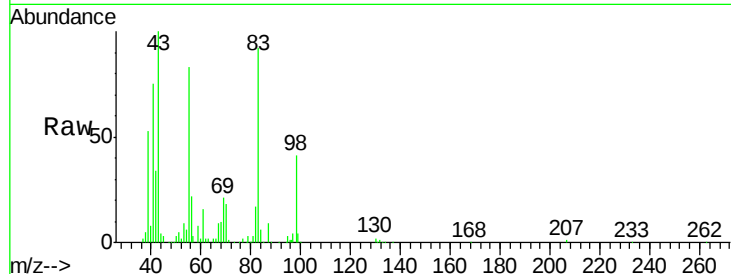
#39
Methvlcvclohexane
Concen: 49.36 ug/l
RT: 5.61 min Scan# 515
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.1	69.2	103.8
98	44.9	35.0	52.6

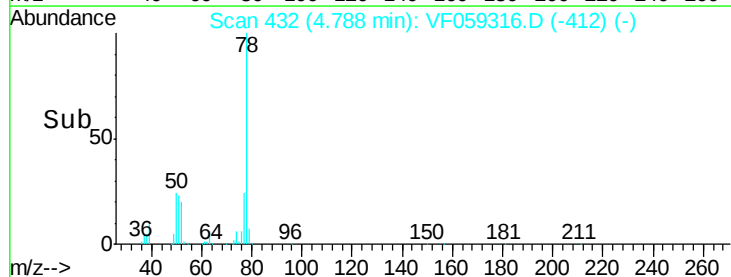
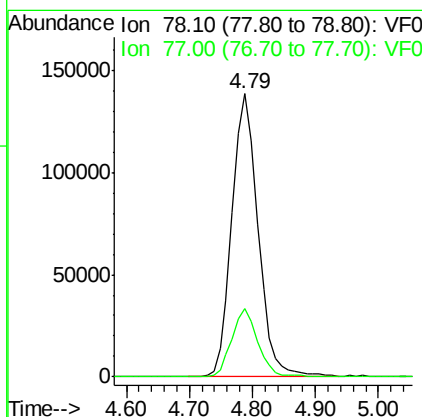
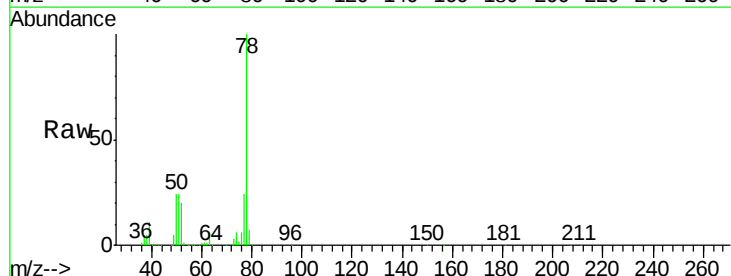
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#40
Benzene
Concen: 49.87 ug/l
RT: 4.79 min Scan# 432
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.6	29.4





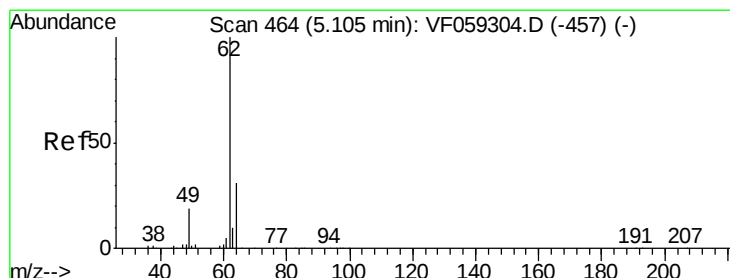
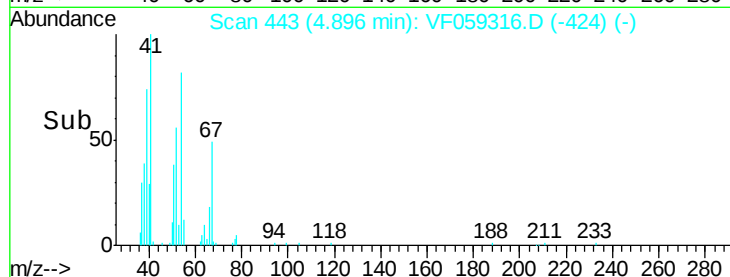
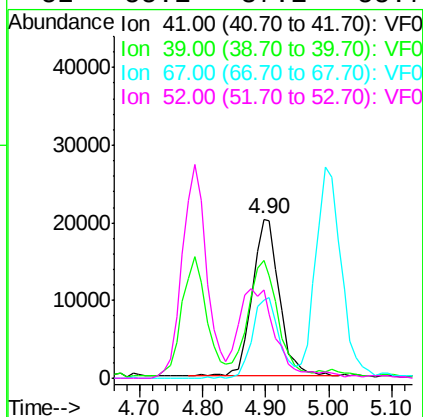
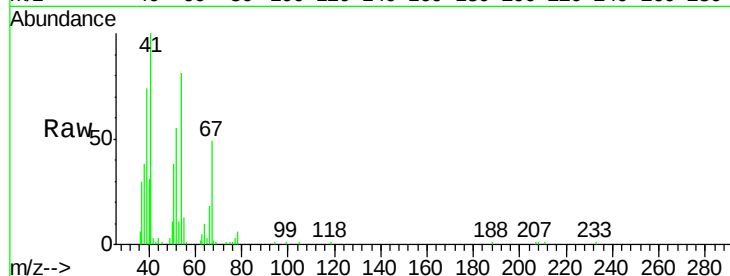
#41
Methacrylonitrile
Concen: 49.33 ug/l
RT: 4.90 min Scan# 443
Delta R.T. -0.01 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		60611		
39	74.2	50.0	75.0		
67	48.8	37.0	55.6		
52	55.1	37.1	55.7		

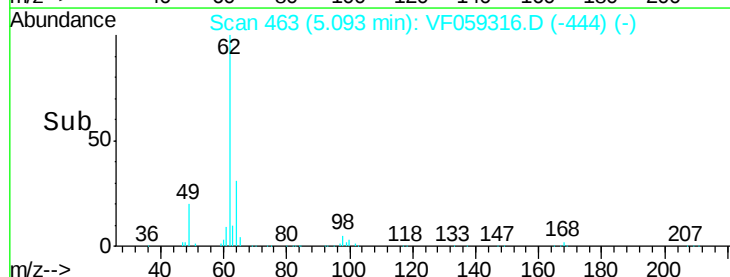
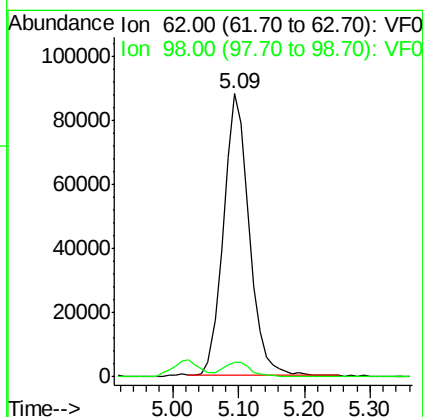
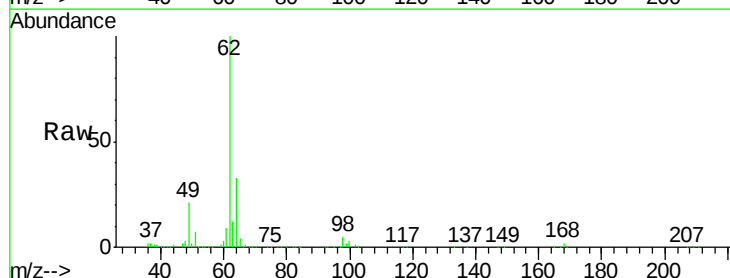
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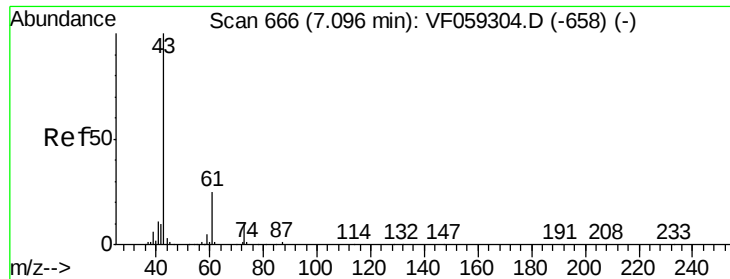
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#42
1,2-Dichloroethane
Concen: 51.38 ug/l
RT: 5.09 min Scan# 463
Delta R.T. -0.01 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		239748		
98	5.2	0.0	11.4		





#43

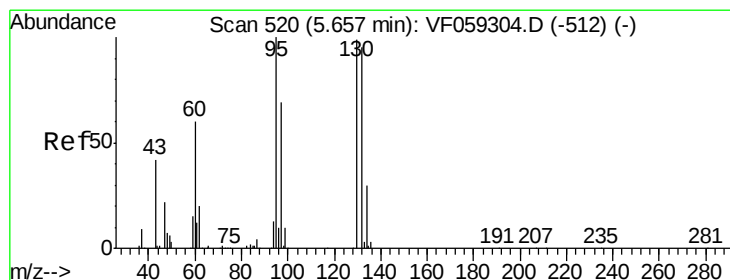
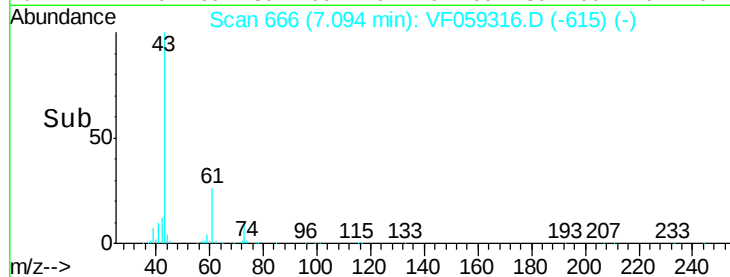
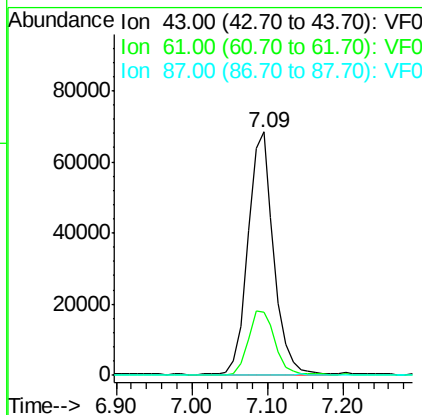
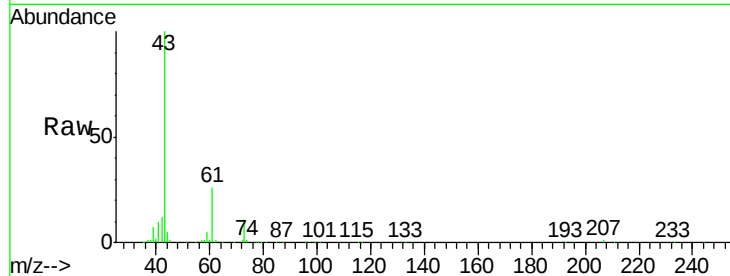
Isopropyl Acetate
 Concen: 53.32 ug/l
 RT: 7.09 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VF059316.D
 Acq: 26 Jun 2018 14:55

Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.0	19.7	29.5
87	0.2	0.5	0.7

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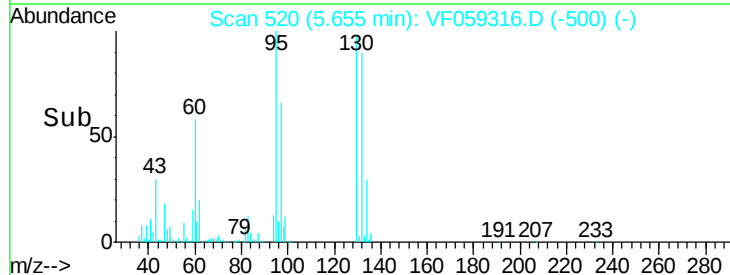
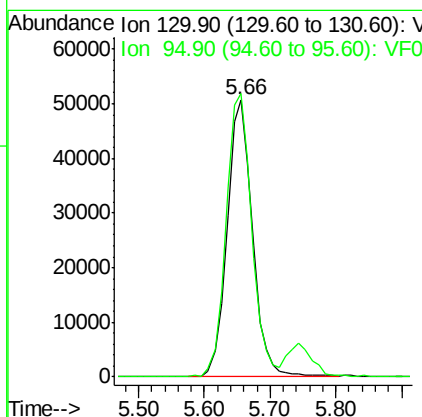
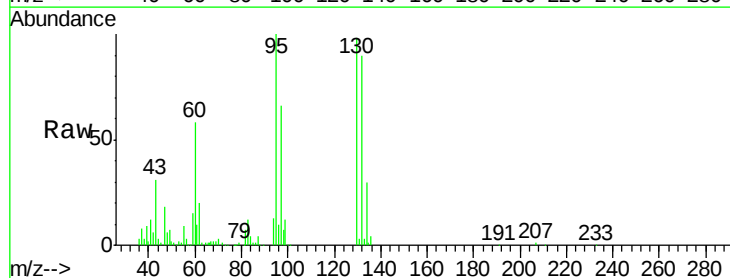
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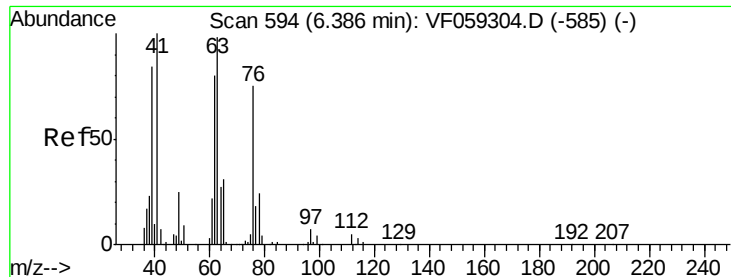


#44

Trichloroethene
 Concen: 49.95 ug/l
 RT: 5.66 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: VF059316.D
 Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	202.4





#45

1,2-Dichloropropane

Concen: 54.21 ug/l

RT: 6.38 min Scan# 594

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 63 Resp: 123691

Ion Ratio Lower Upper

63 100

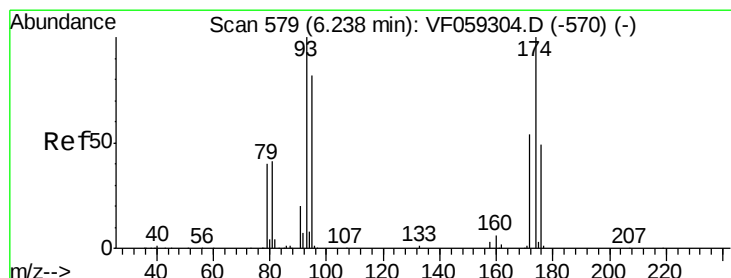
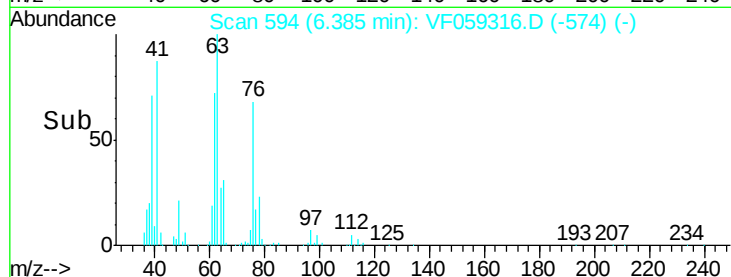
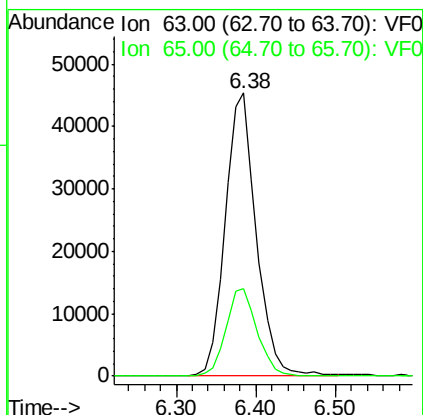
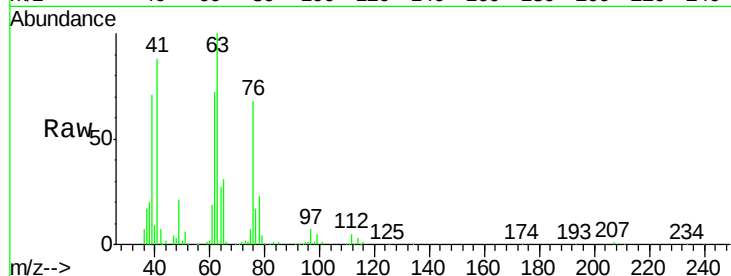
65 30.7 25.3 37.9

Manual Integrations

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#46

Dibromomethane

Concen: 52.16 ug/l

RT: 6.24 min Scan# 579

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

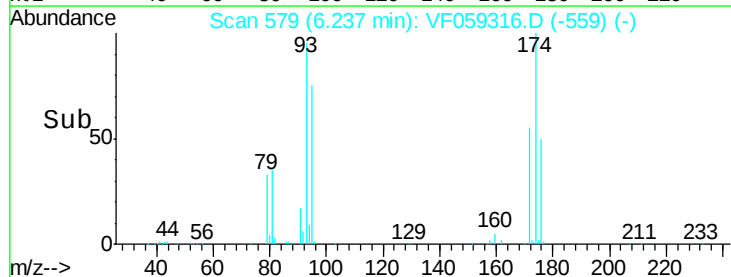
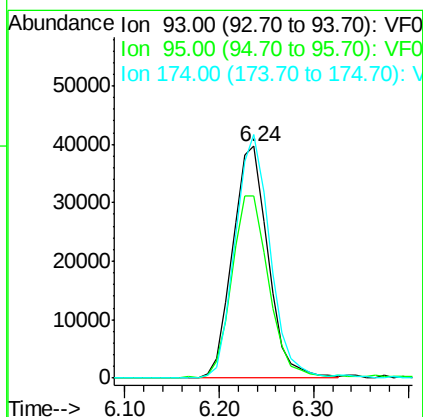
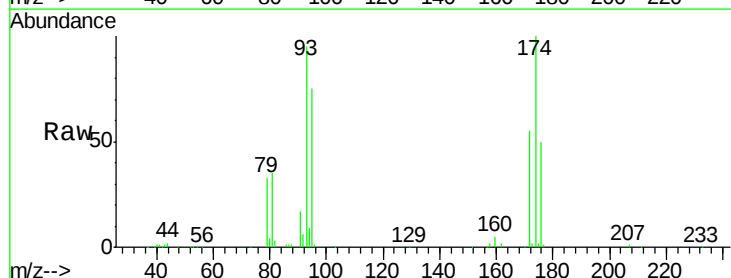
Tgt Ion: 93 Resp: 103301

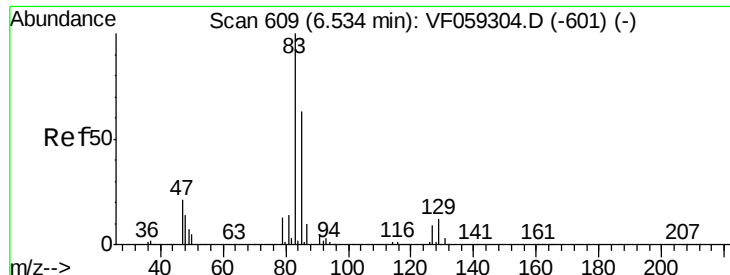
Ion Ratio Lower Upper

93 100

95 79.9 65.6 98.4

174 105.0 80.0 120.0





#47

Bromodichloromethane

Concen: 51.34 ug/l

RT: 6.52 min Scan# 608

Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

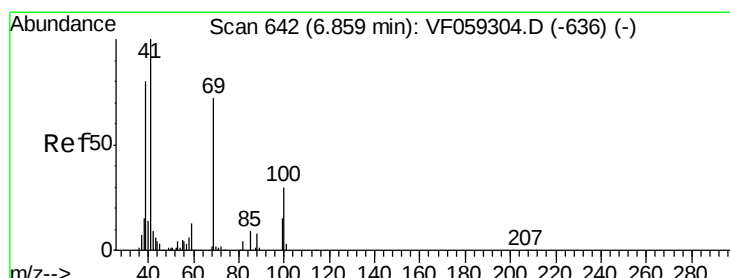
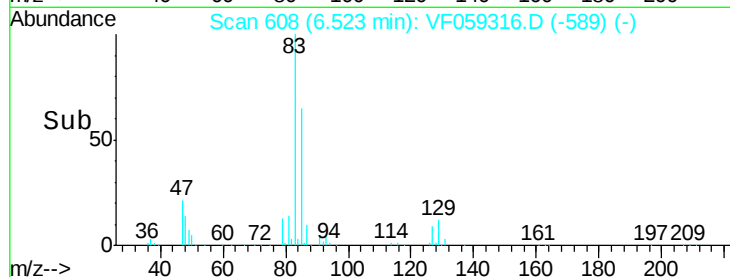
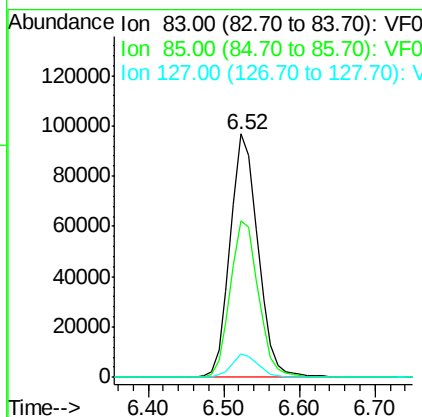
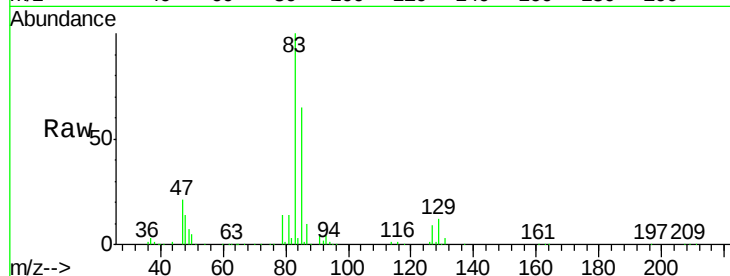
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	83	Resp:	246144
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.2	75.2
127	9.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 54.82 ug/l

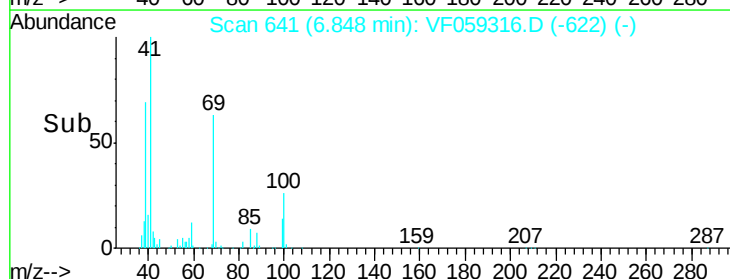
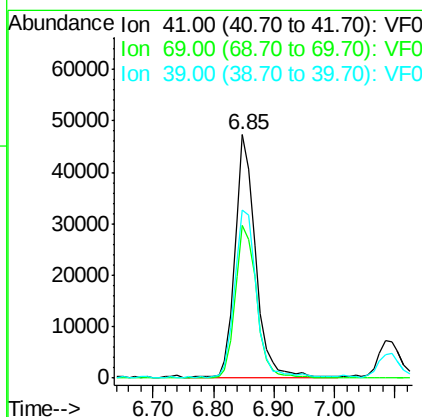
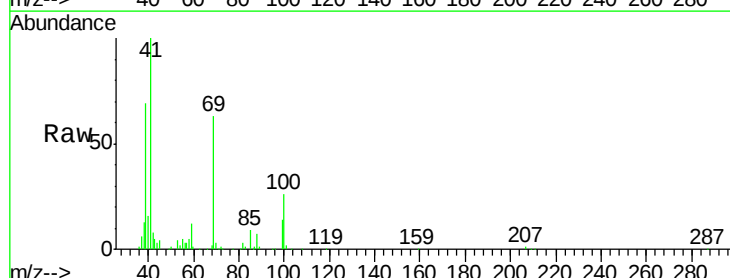
RT: 6.85 min Scan# 641

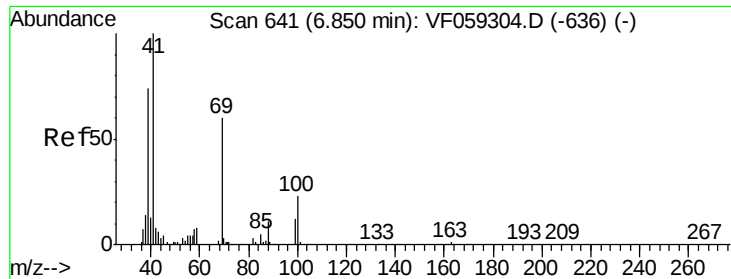
Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Tgt Ion:	41	Resp:	110223
Ion	Ratio	Lower	Upper
41	100		
69	62.9	57.3	85.9
39	68.9	64.4	96.6





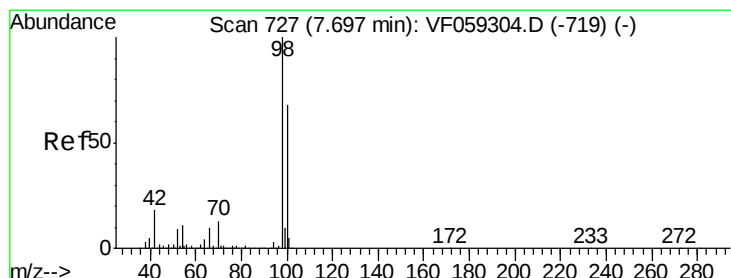
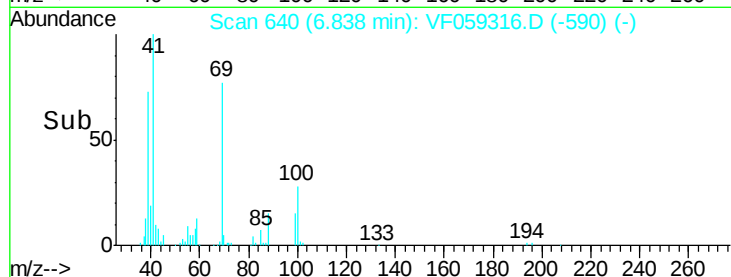
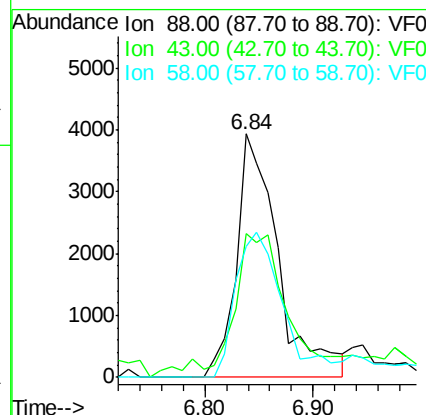
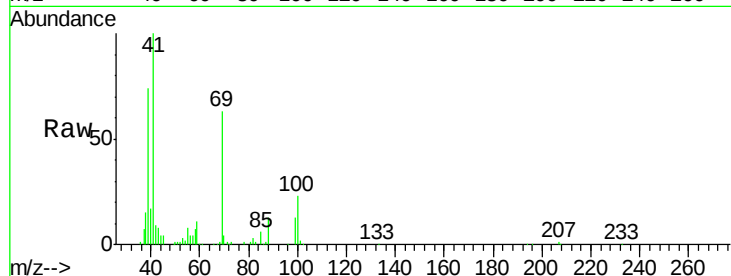
#49
1,4-Dioxane
Concen: 985.22 ug/l
RT: 6.84 min Scan# 640
Delta R.T. -0.01 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	88	Resp	10577
Ion	Ratio	Lower	Upper
88	100		
43	59.3	50.6	75.8
58	54.0	46.6	69.8

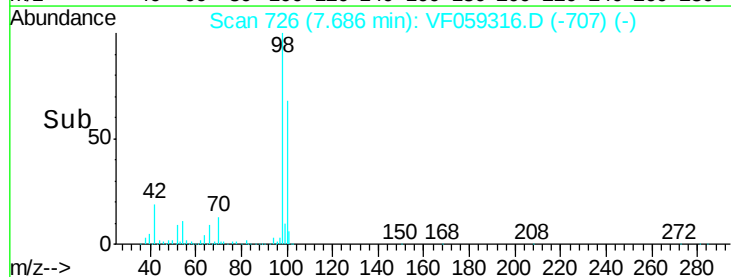
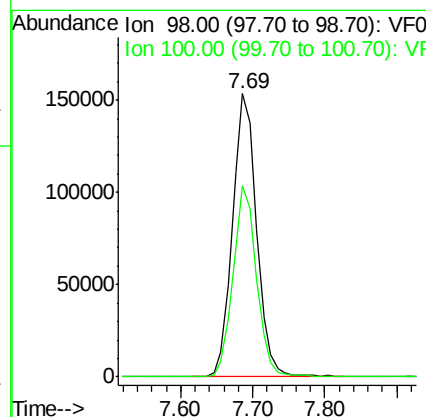
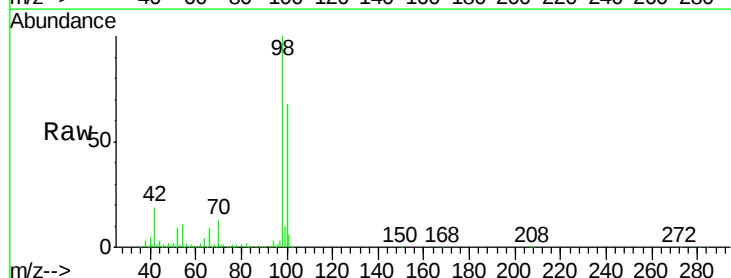
Manual Integrations
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#50
Toluene-d8
Concen: 47.95 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.01 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion	98	Resp	357631
Ion	Ratio	Lower	Upper
98	100		
100	67.8	54.6	82.0





#51

4-Methyl-2-Pentanone

Concen: 277.05 ug/l

RT: 8.39 min Scan# 797

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 43 Resp: 615799

Ion Ratio Lower Upper

43 100

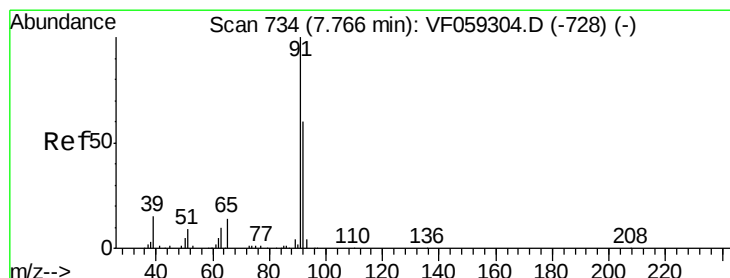
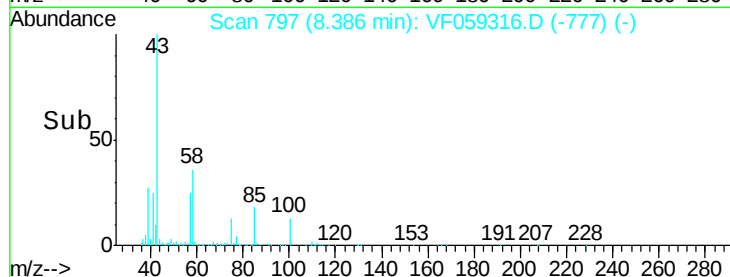
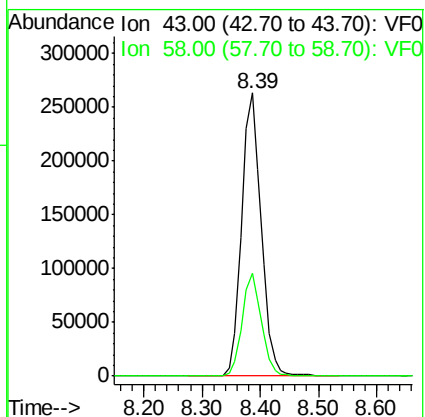
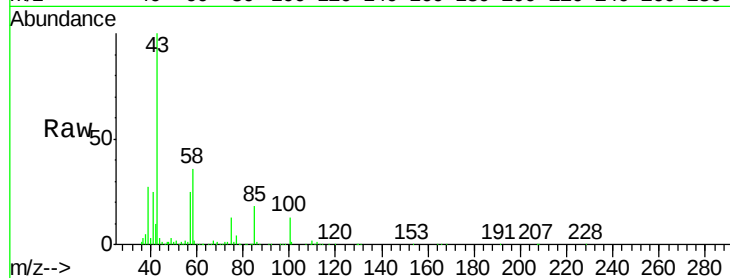
58 36.3 28.4 42.6

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#52

Toluene

Concen: 50.87 ug/l

RT: 7.75 min Scan# 733

Delta R.T. -0.01 min

Lab File: VF059316.D

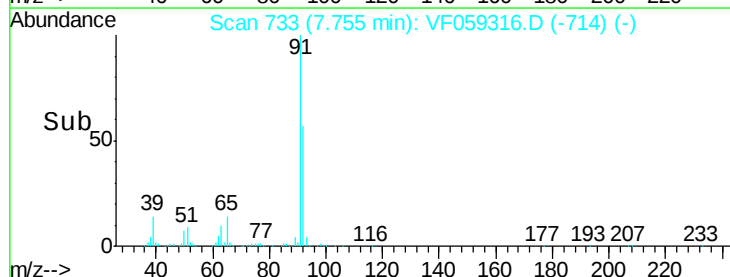
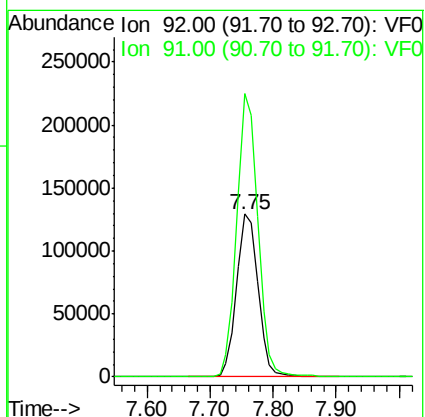
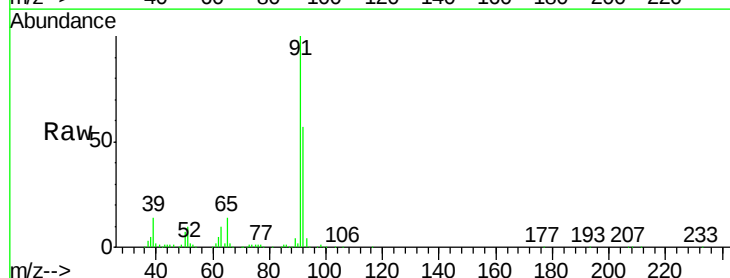
Acq: 26 Jun 2018 14:55

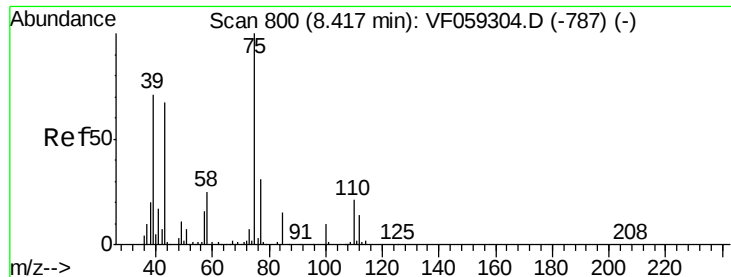
Tgt Ion: 92 Resp: 304000

Ion Ratio Lower Upper

92 100

91 174.0 132.8 199.2





#53

t-1,3-Dichloropropene

Concen: 53.19 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 75 Resp: 232415

Ion Ratio Lower Upper

75 100

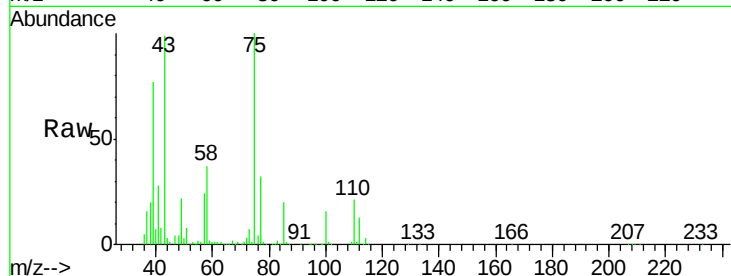
77 31.8 25.3 37.9

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Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

8.41

120000

100000

80000

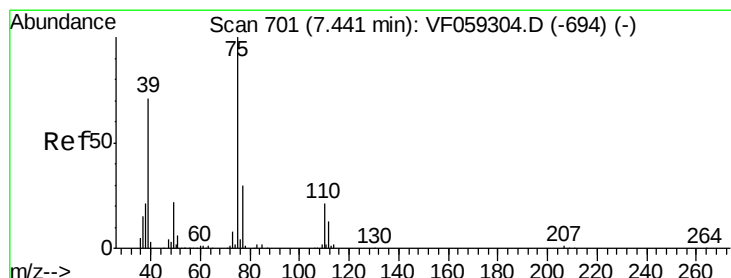
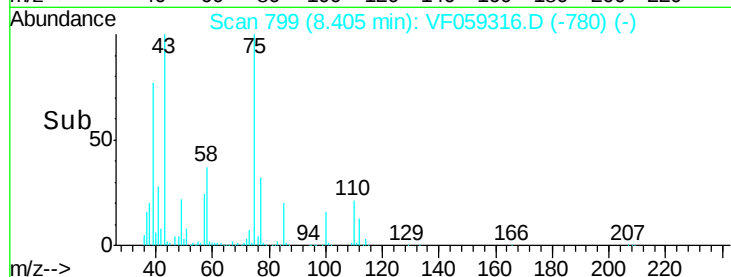
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.57 ug/l

RT: 7.44 min Scan# 701

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

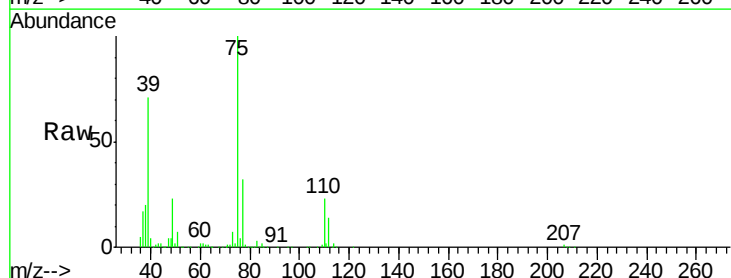
Tgt Ion: 75 Resp: 249537

Ion Ratio Lower Upper

75 100

77 32.4 24.3 36.5

39 70.6 57.2 85.8



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

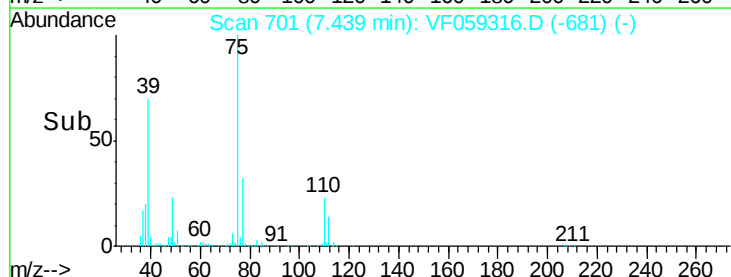
7.44

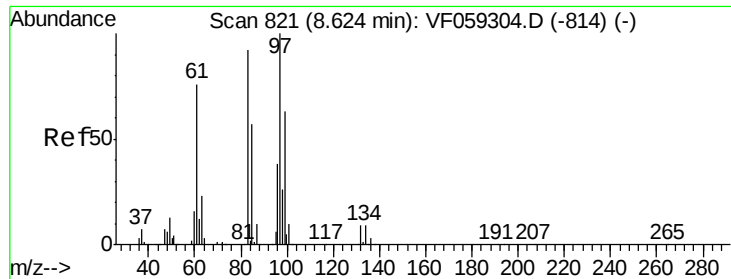
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 53.34 ug/l

RT: 8.61 min Scan# 820

Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

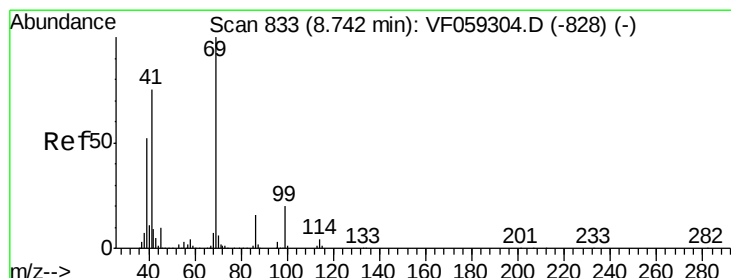
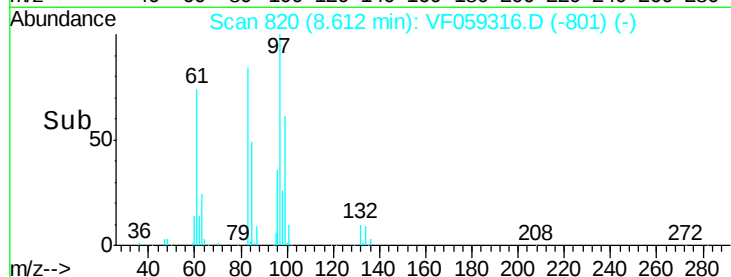
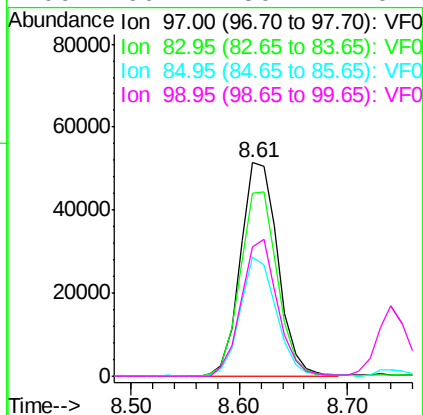
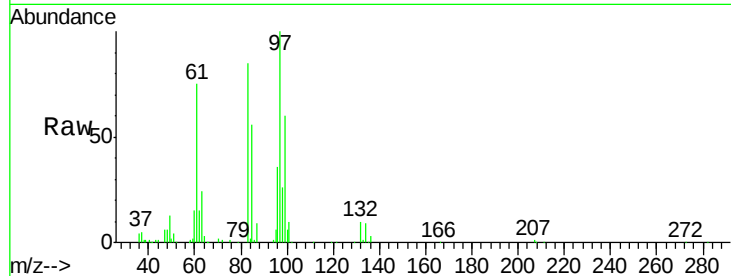
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	97	Resp:	123757
Ion	Ratio	Lower	Upper
97	100		
83	85.4	73.8	110.8
85	55.6	45.5	68.3
99	60.4	50.7	76.1

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#56

Ethyl methacrylate

Concen: 55.91 ug/l

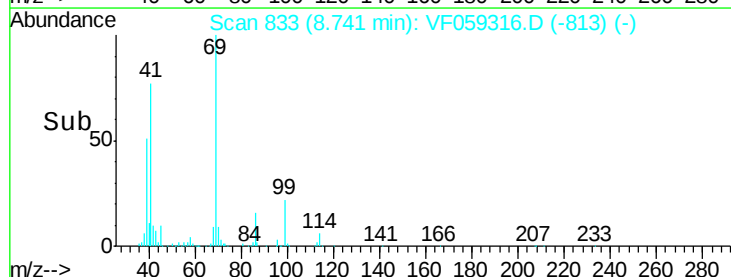
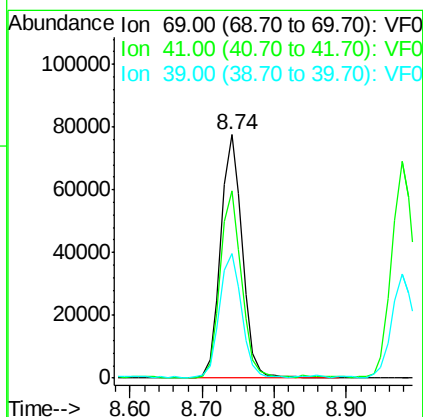
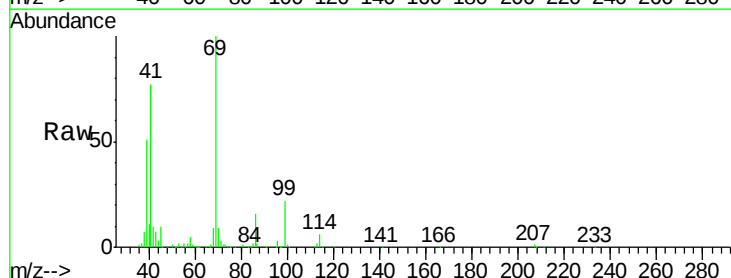
RT: 8.74 min Scan# 833

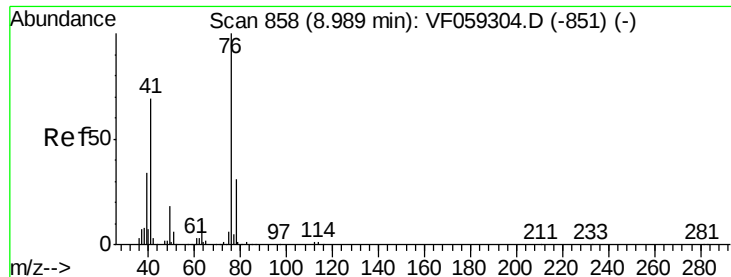
Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Tgt Ion:	69	Resp:	160700
Ion	Ratio	Lower	Upper
69	100		
41	76.9	60.3	90.5
39	51.1	42.2	63.4





#57

1,3-Dichloropropane

Concen: 54.50 ug/l

RT: 8.98 min Scan# 857

Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 76 Resp: 216861

Ion Ratio Lower Upper

76 100

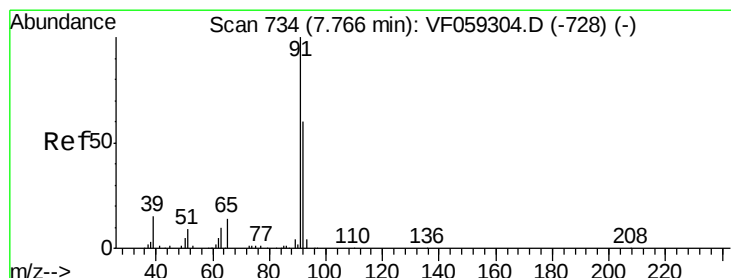
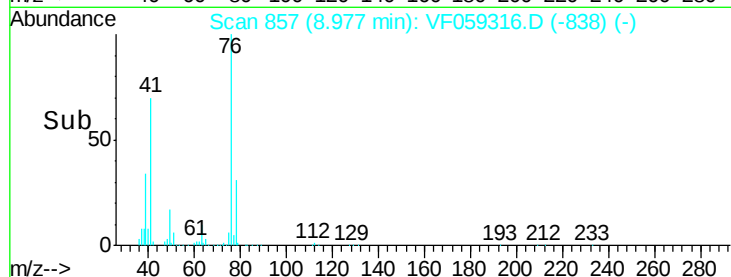
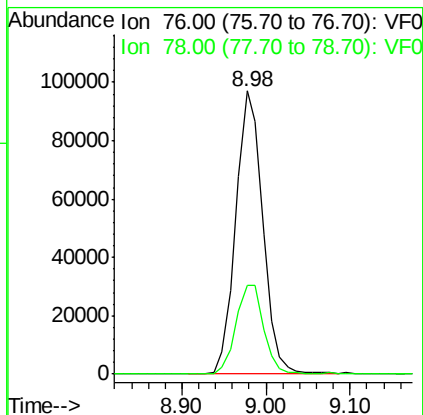
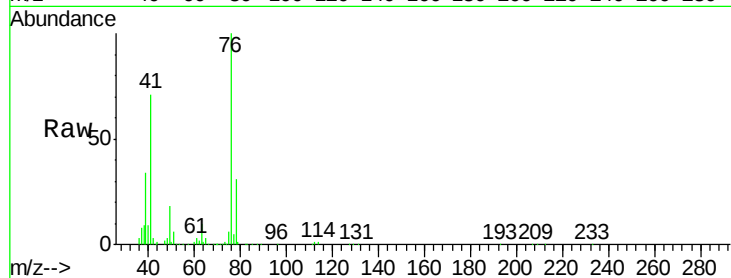
78 31.2 24.9 37.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 252.64 ug/l

RT: 7.75 min Scan# 733

Delta R.T. -0.01 min

Lab File: VF059316.D

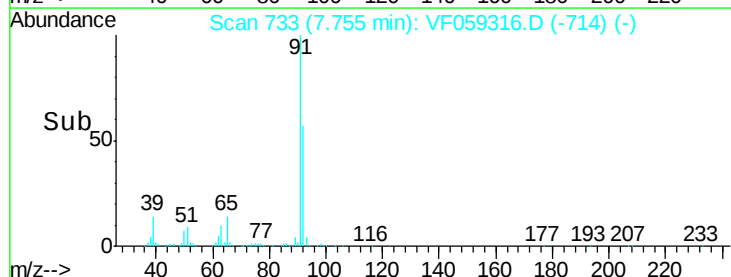
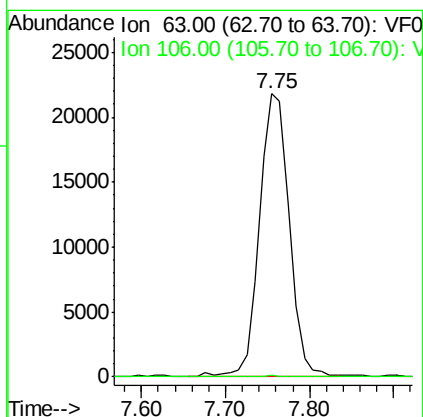
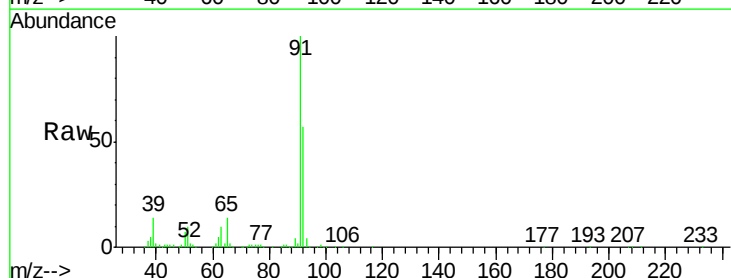
Acq: 26 Jun 2018 14:55

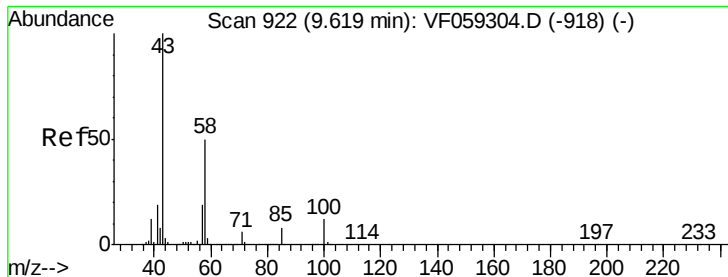
Tgt Ion: 63 Resp: 54461

Ion Ratio Lower Upper

63 100

106 0.5 0.0 0.0#





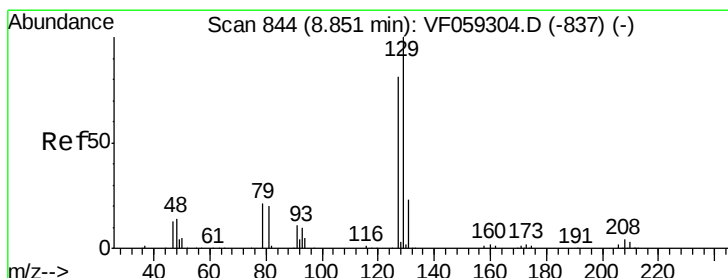
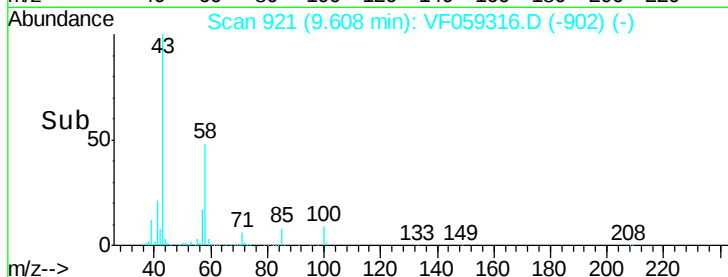
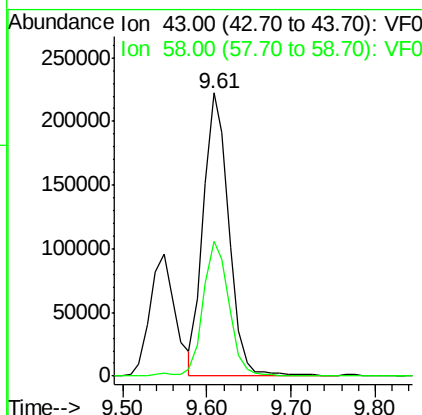
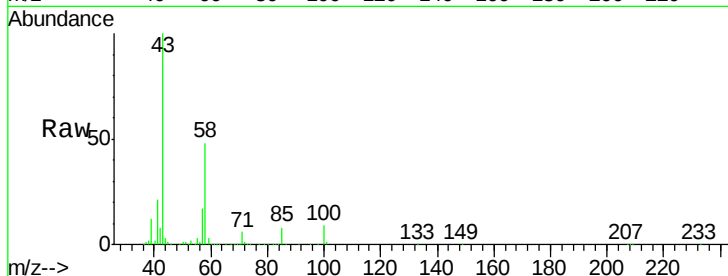
#59
2-Hexanone
Concen: 278.89 ug/l
RT: 9.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion: 43 Resp: 462435
Ion Ratio Lower Upper
43 100
58 47.6 23.3 69.9

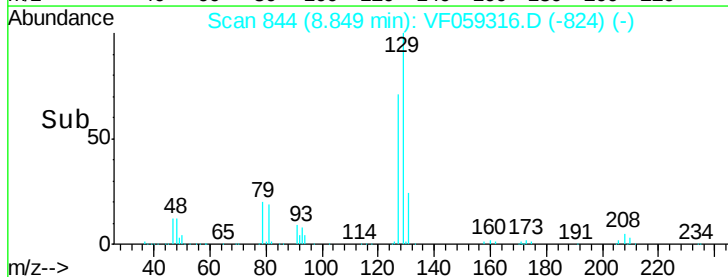
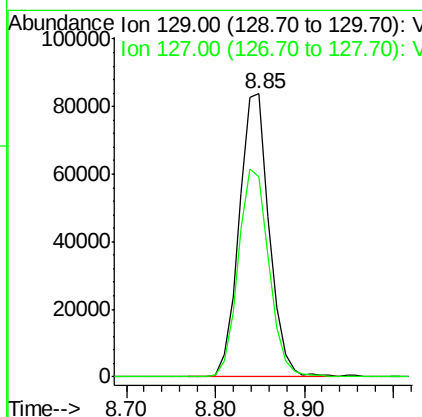
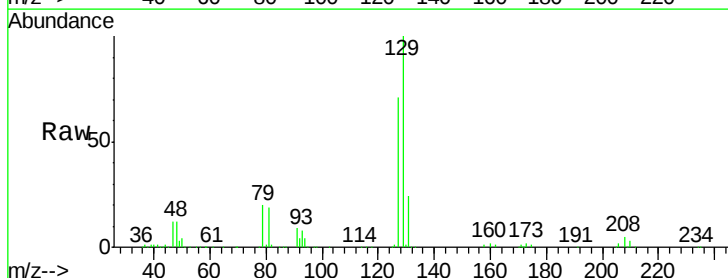
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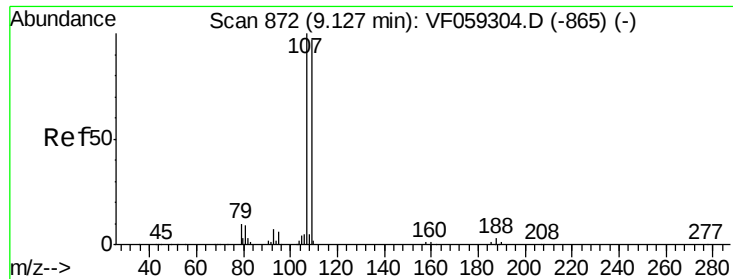
apatel
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#60
Dibromochloromethane
Concen: 54.68 ug/l
RT: 8.85 min Scan# 844
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion: 129 Resp: 195882
Ion Ratio Lower Upper
129 100
127 70.5 40.7 122.1





#61

1,2-Dibromoethane

Concen: 53.48 ug/l

RT: 9.12 min Scan# 871

Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 107 Resp: 150498

Ion Ratio Lower Upper

107 100

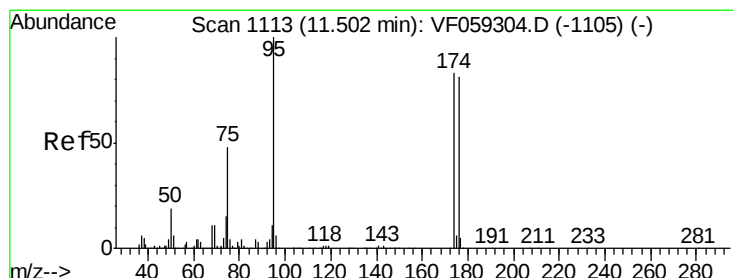
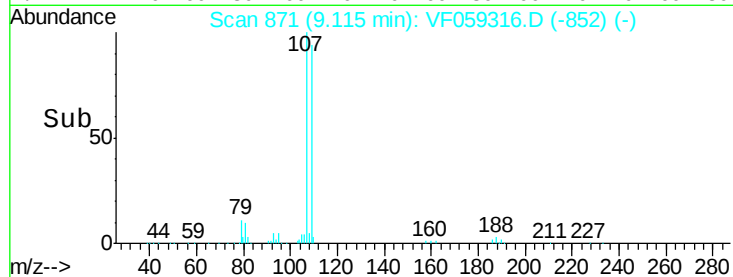
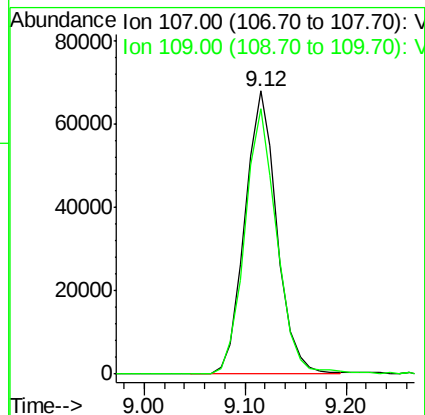
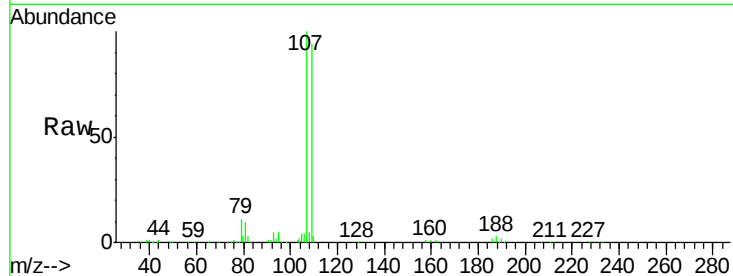
109 93.8 77.3 115.9

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#62

4-Bromofluorobenzene

Concen: 46.64 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

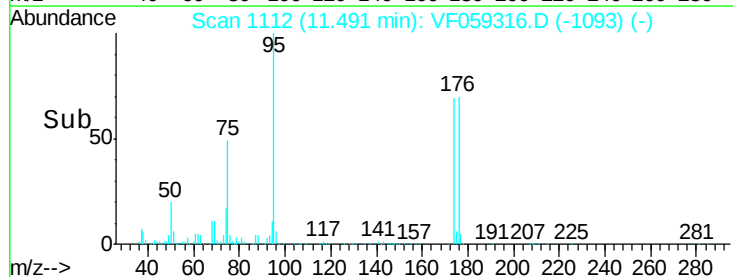
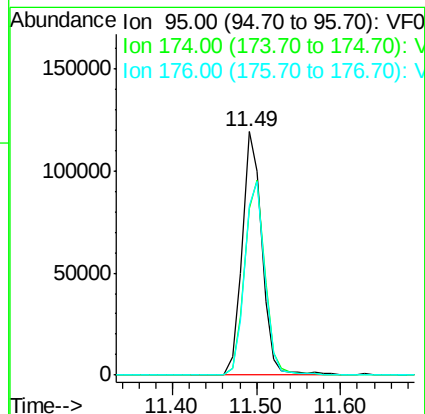
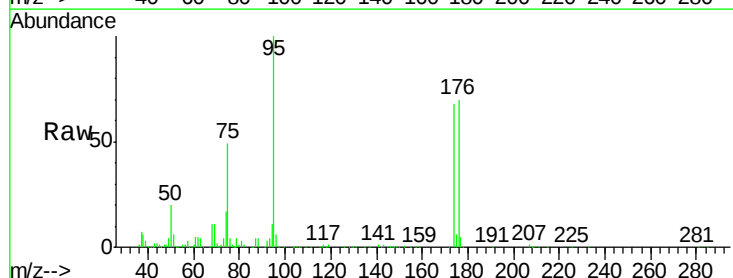
Tgt Ion: 95 Resp: 196260

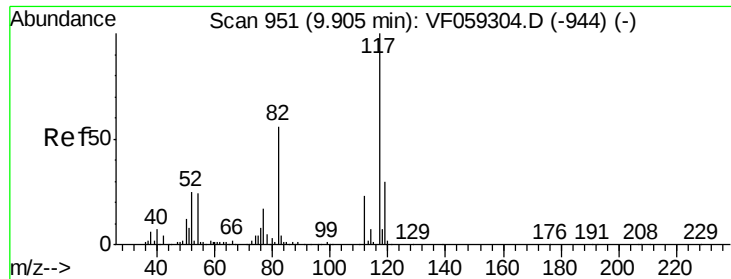
Ion Ratio Lower Upper

95 100

174 68.5 0.0 165.2

176 69.6 0.0 161.0





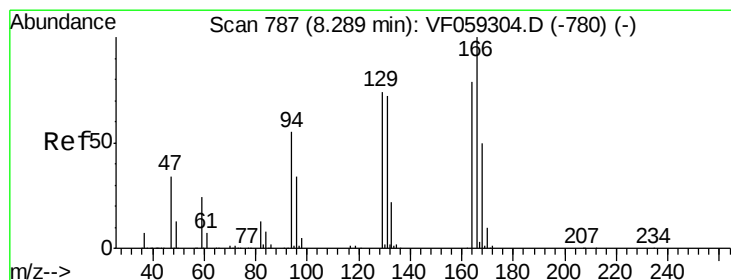
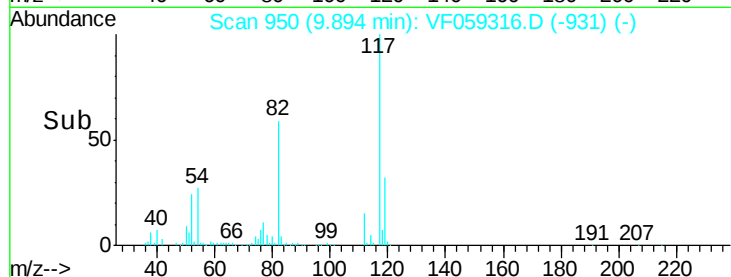
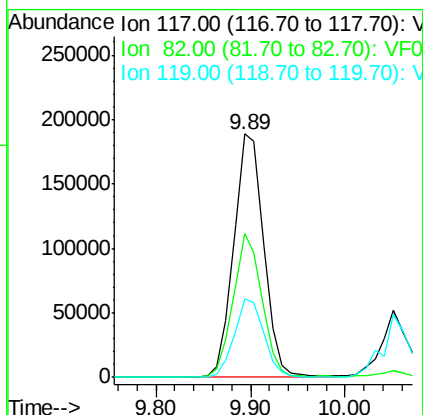
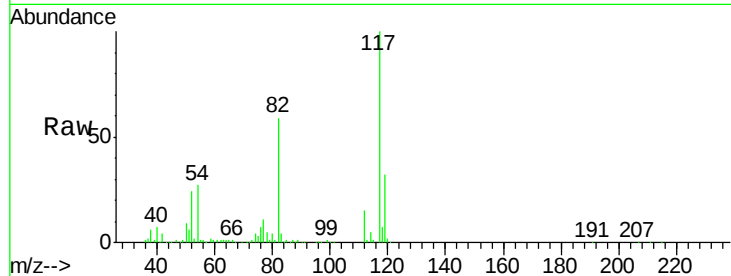
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	44.6	66.8
119	32.1	24.1	36.1

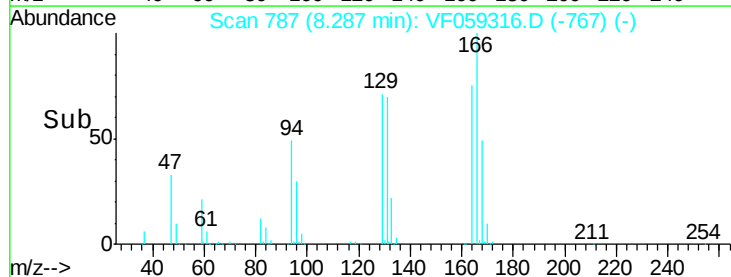
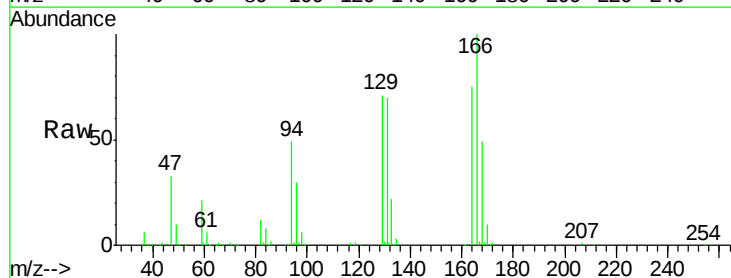
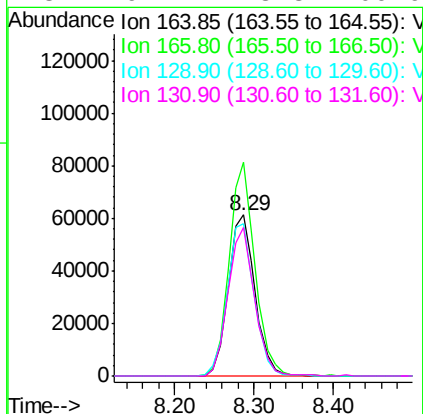
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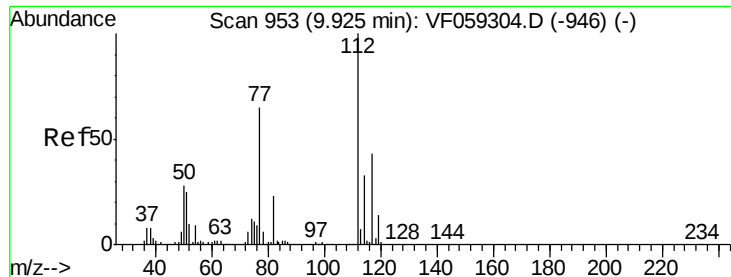
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#64
Tetrachloroethene
Concen: 53.16 ug/l
RT: 8.29 min Scan# 787
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.6	101.1	151.7
129	94.5	75.0	112.4
131	92.2	73.3	109.9





#65

Chlorobenzene

Concen: 49.47 ug/l

RT: 9.92 min Scan# 953

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:112 Resp: 381337

Ion Ratio Lower Upper

112 100

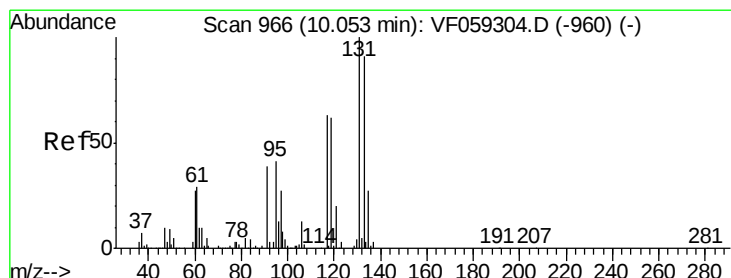
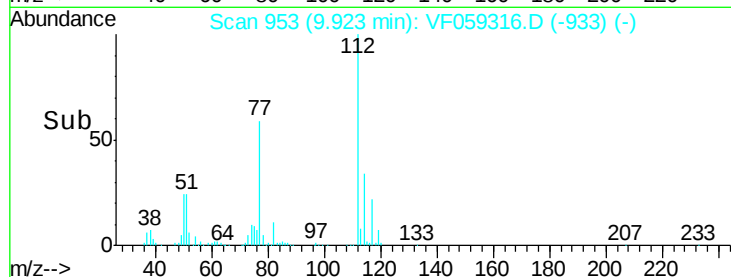
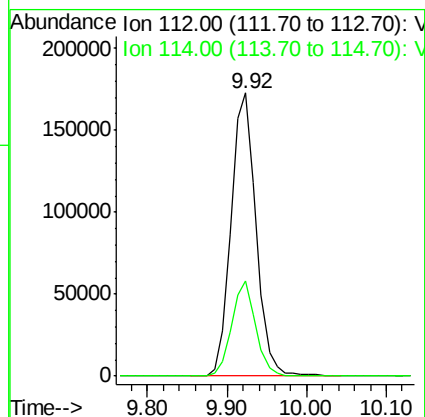
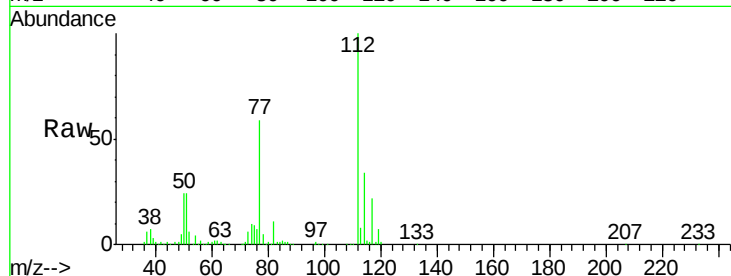
114 33.6 26.5 39.7

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#66

1,1,1,2-Tetrachloroethane

Concen: 48.98 ug/l

RT: 10.05 min Scan# 966

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

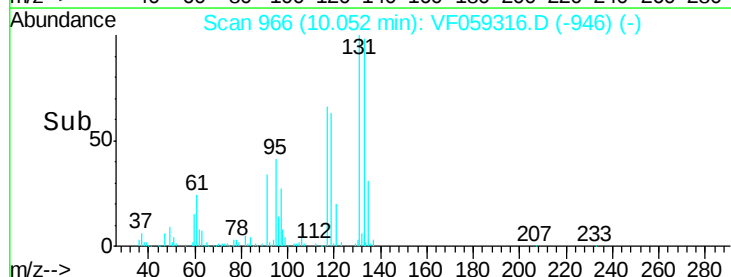
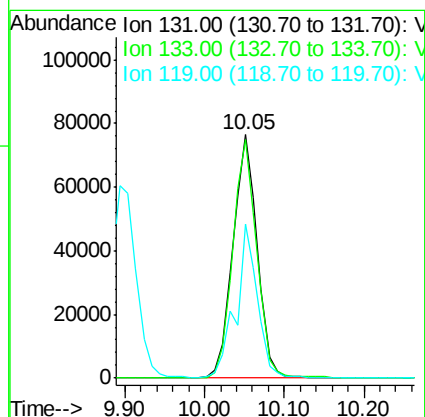
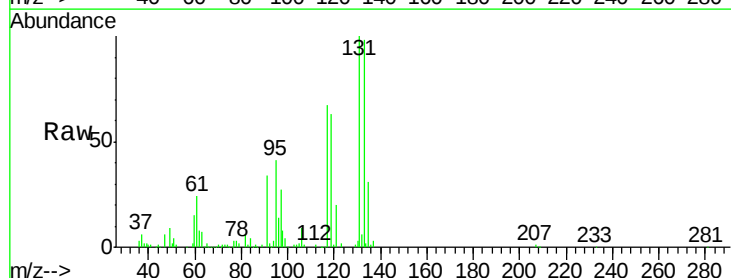
Tgt Ion:131 Resp: 163284

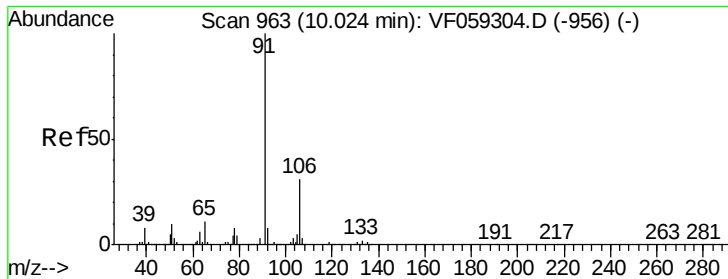
Ion Ratio Lower Upper

131 100

133 97.9 45.3 135.9

119 63.4 31.3 93.9





#67

Ethyl Benzene

Concen: 49.35 ug/l

RT: 10.02 min Scan# 963

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 91 Resp: 645276

Ion Ratio Lower Upper

91 100

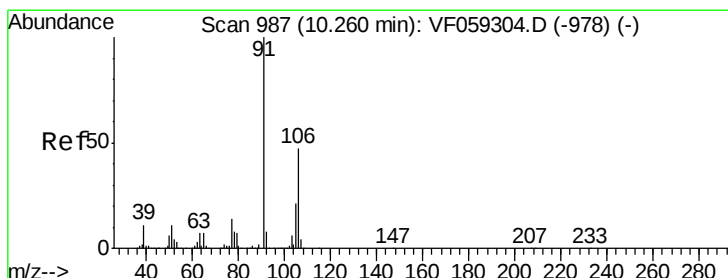
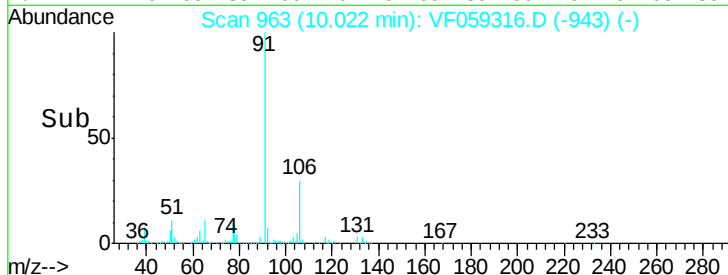
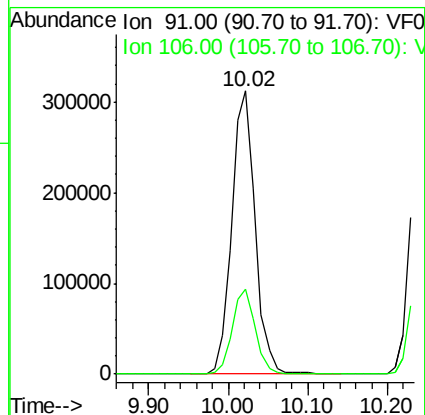
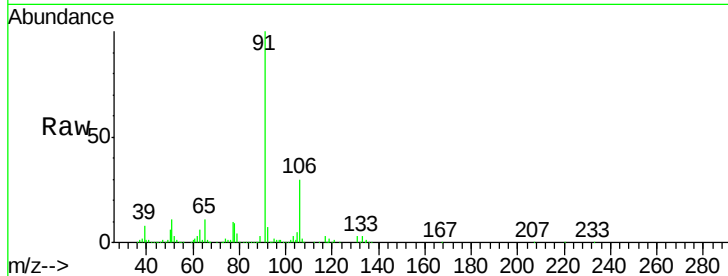
106 30.1 24.8 37.2

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#68

m/p-Xylenes

Concen: 99.97 ug/l

RT: 10.25 min Scan# 986

Delta R.T. -0.01 min

Lab File: VF059316.D

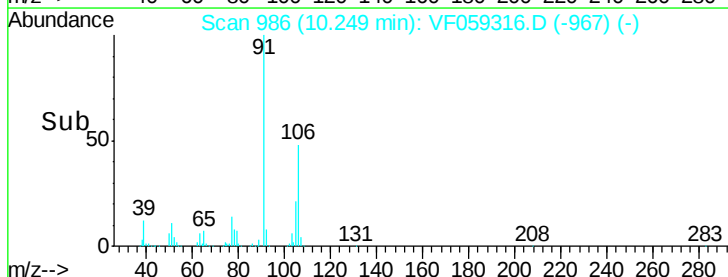
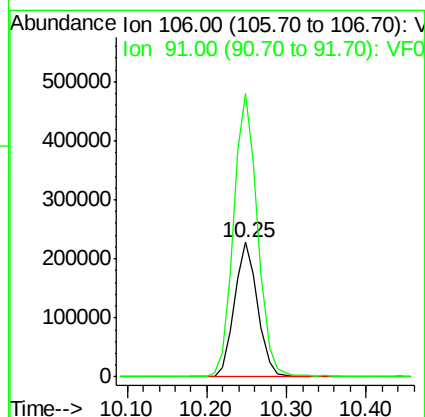
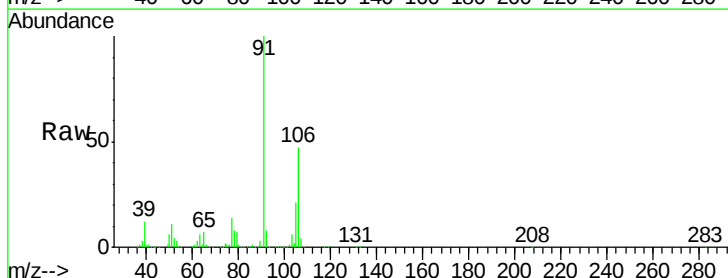
Acq: 26 Jun 2018 14:55

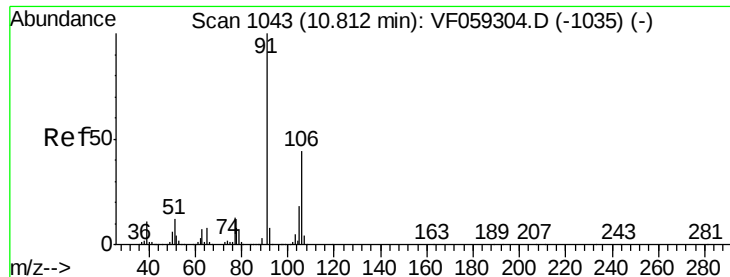
Tgt Ion: 106 Resp: 465276

Ion Ratio Lower Upper

106 100

91 210.8 170.8 256.2





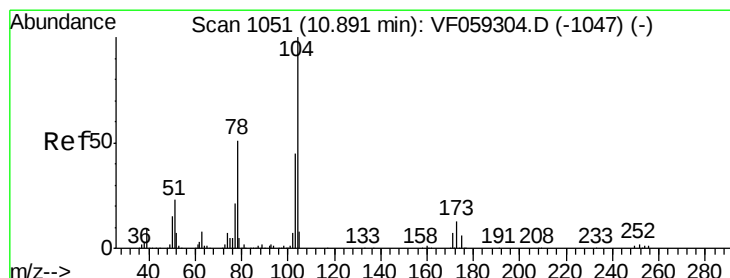
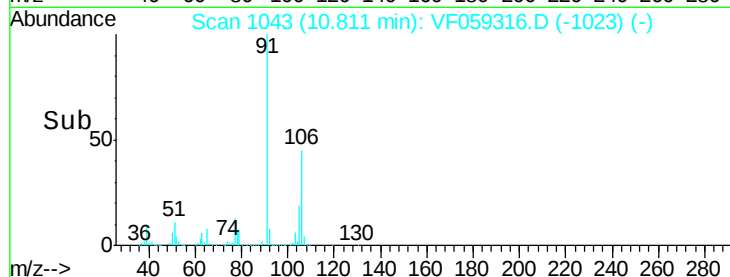
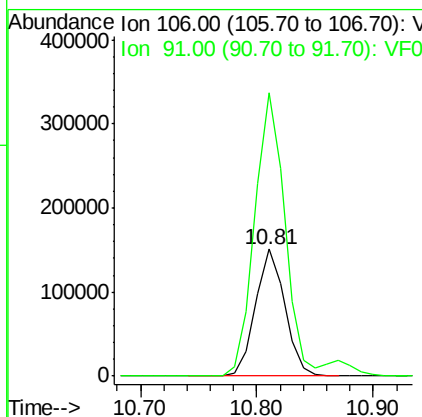
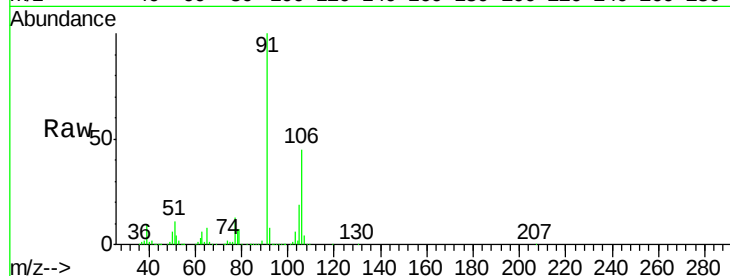
#69
o-Xylene
Concen: 50.87 ug/l
RT: 10.81 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	223.5	114.6	343.6

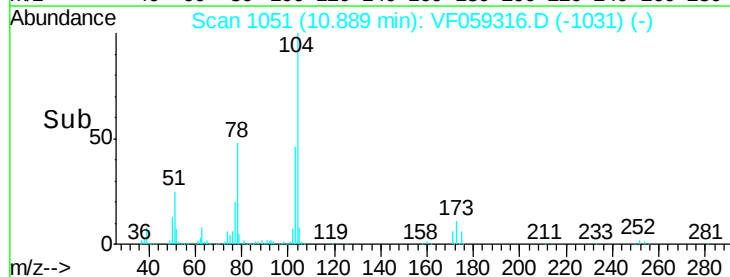
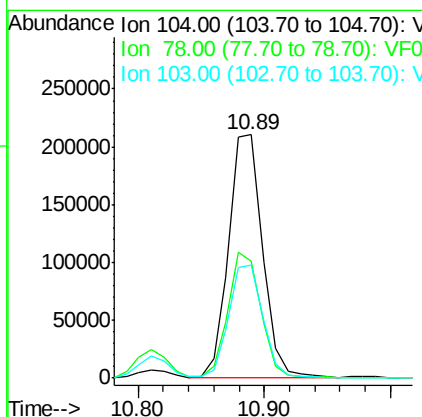
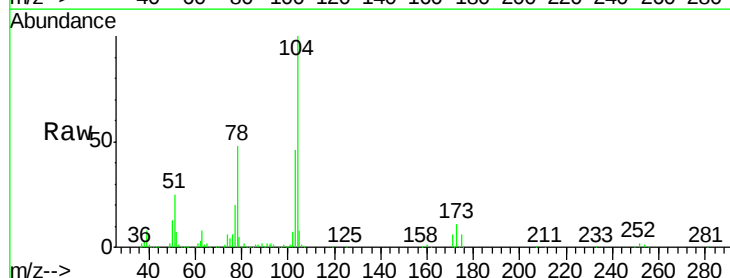
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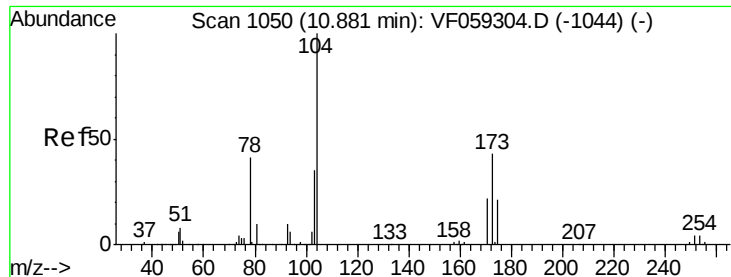
apatel
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#70
Styrene
Concen: 49.11 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	40.9	61.3
103	46.3	36.5	54.7





#71

Bromoform

Concen: 53.82 ug/l

RT: 10.87 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

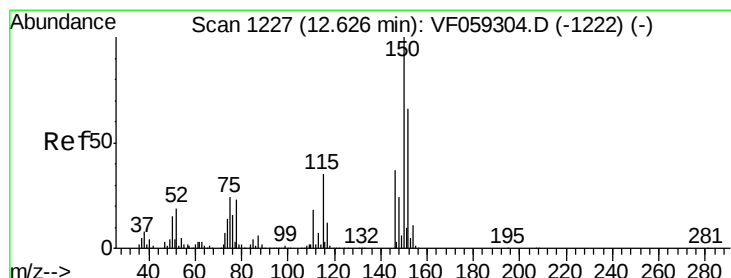
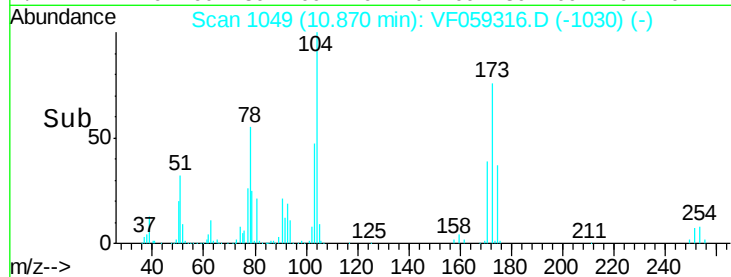
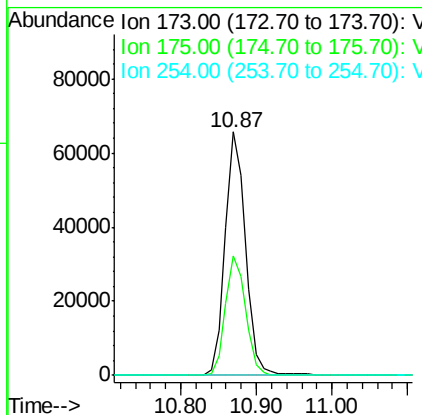
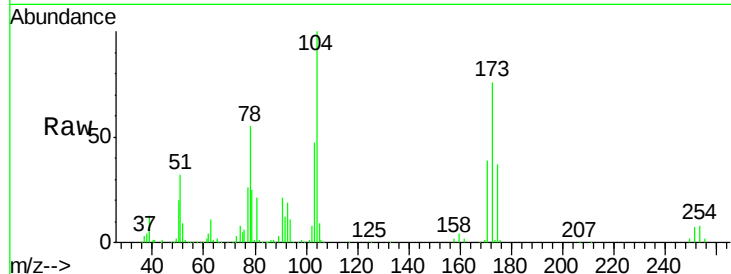
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.8	74.3
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

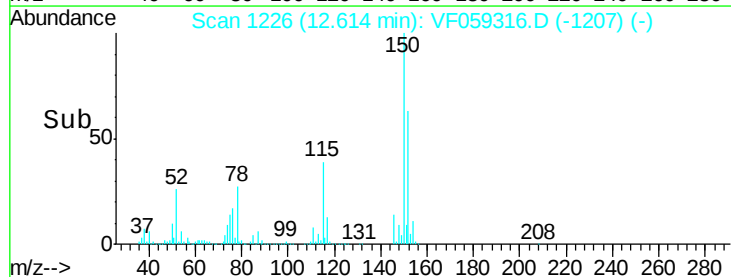
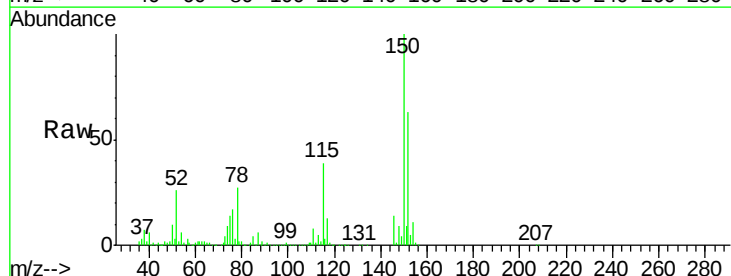
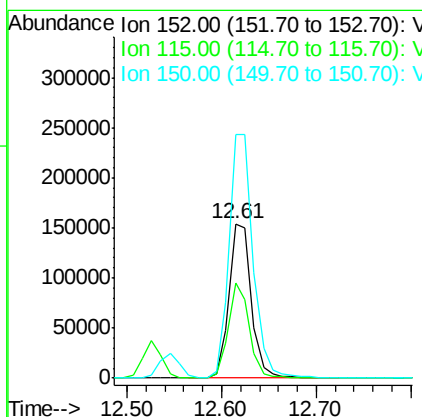
RT: 12.61 min Scan# 1226

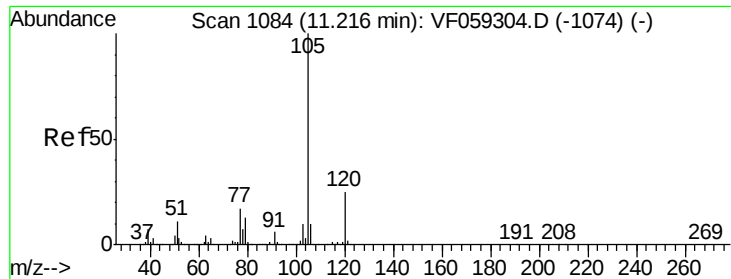
Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	27.1	81.3
150	157.9	0.0	305.2





#73

Isopropylbenzene

Concen: 53.26 ug/l

RT: 11.21 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:105 Resp: 780153

Ion Ratio Lower Upper

105 100

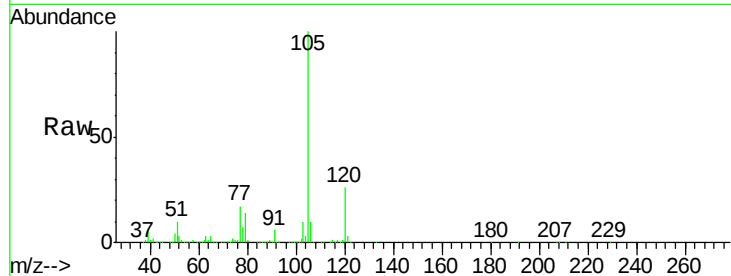
120 26.0 12.3 36.8

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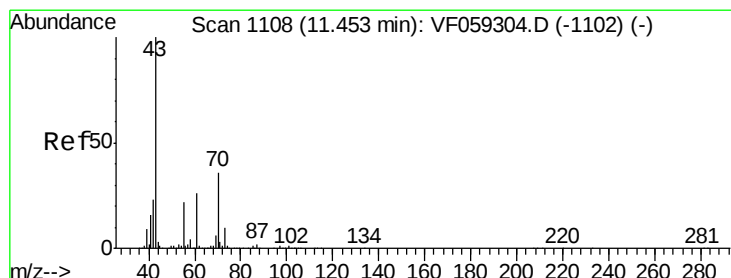
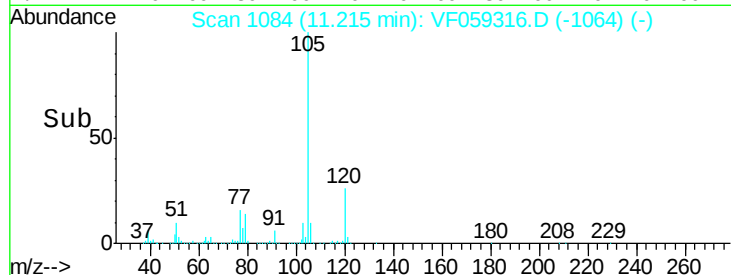
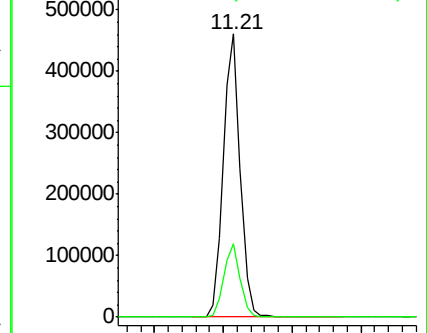
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.01 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Tgt Ion: 43 Resp: 271183

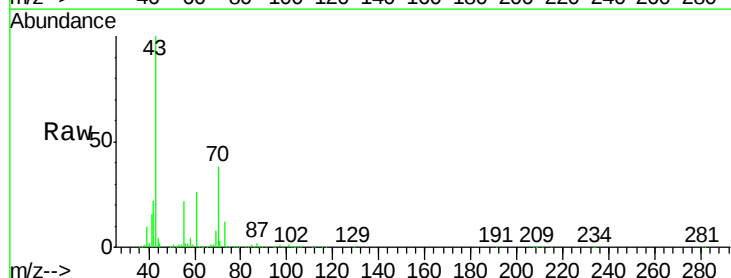
Ion Ratio Lower Upper

43 100

70 38.0 28.8 43.2

55 22.1 17.4 26.0

61 26.1 21.1 31.7

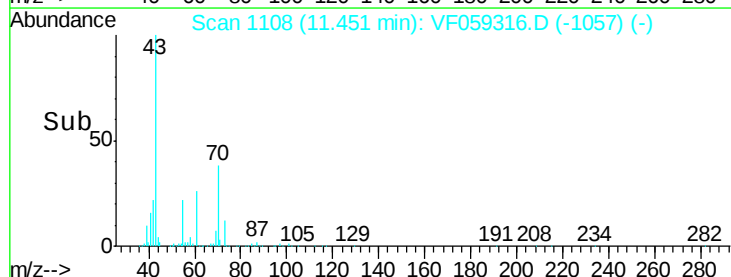
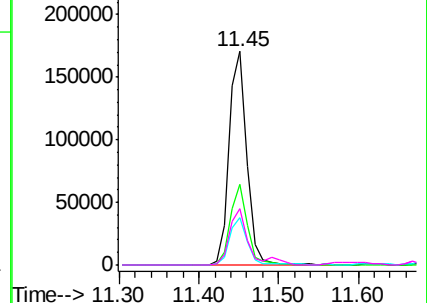


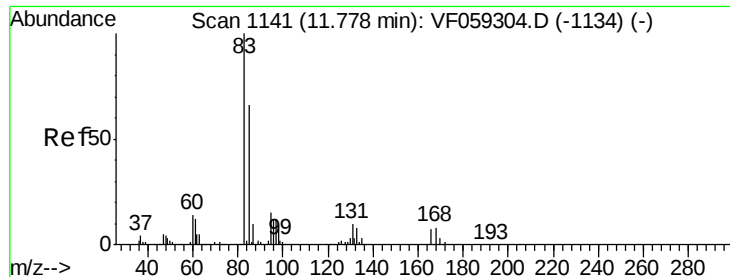
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.23 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

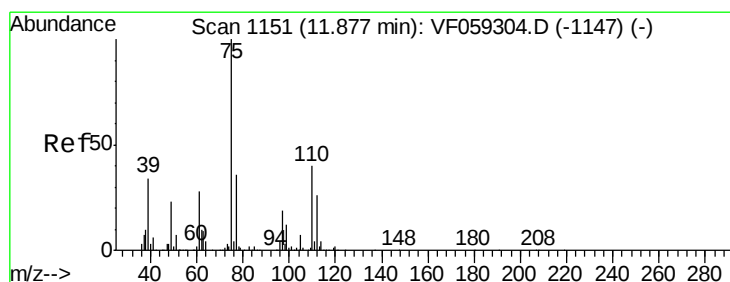
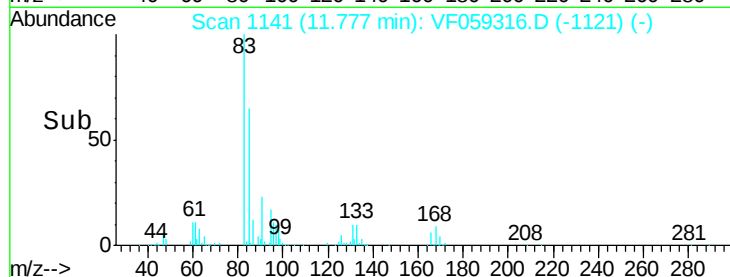
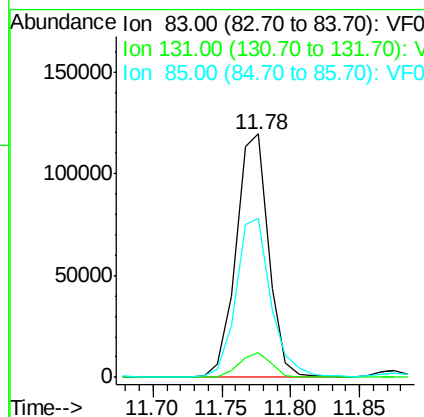
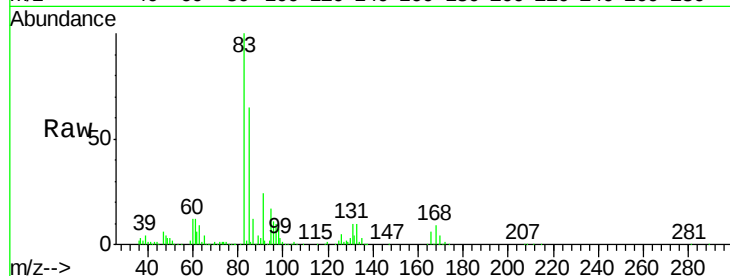
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	83	Resp:	196916
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.9	14.6
85	65.1	32.8	98.4

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#76

1,2,3-Trichloropropane

Concen: 52.84 ug/l

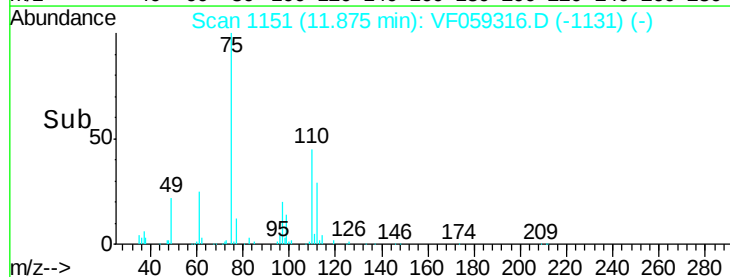
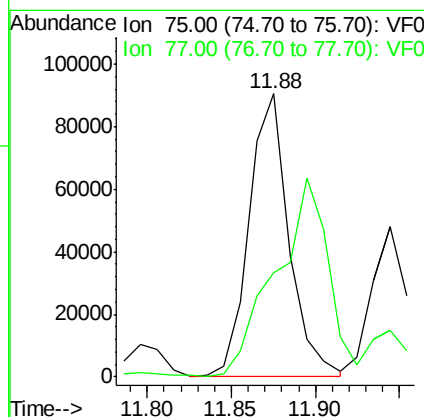
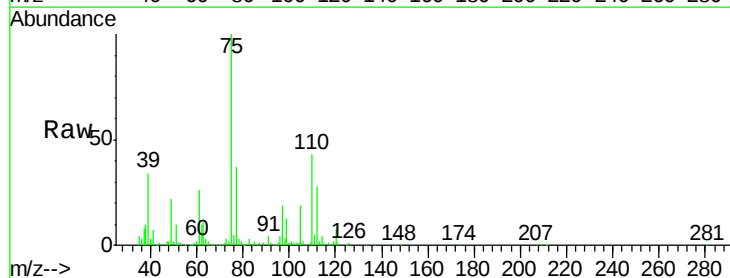
RT: 11.88 min Scan# 1151

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Tgt Ion:	75	Resp:	147466
Ion Ratio	Lower	Upper	
75	100		
77	36.9	18.0	54.0





#77

Bromobenzene

Concen: 51.08 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

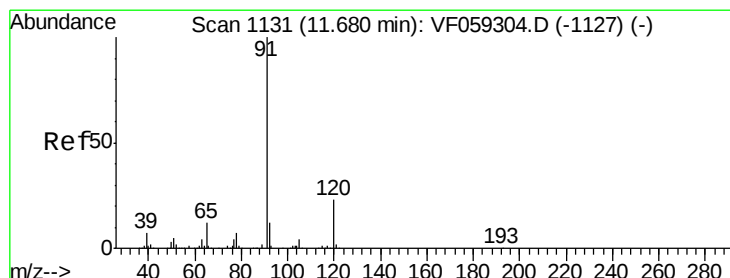
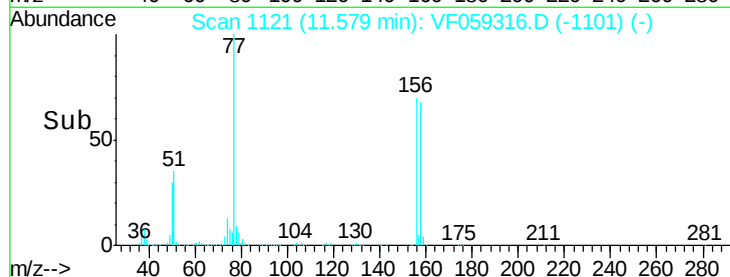
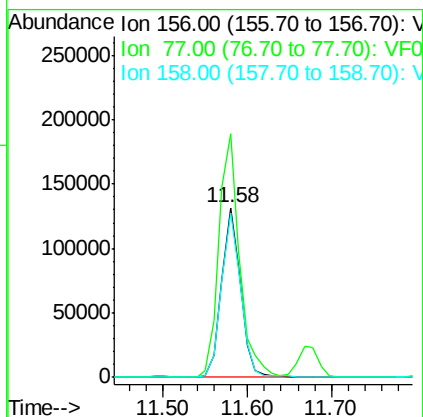
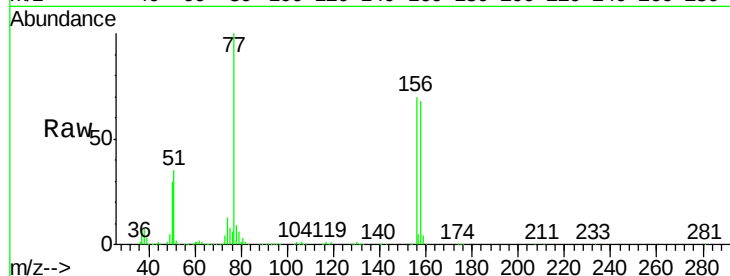
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		207608		
77	143.6		79.7	238.9	
158	97.2		46.2	138.6	

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#78

n-propylbenzene

Concen: 51.01 ug/l

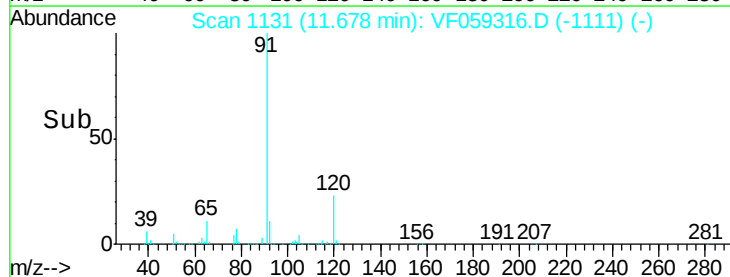
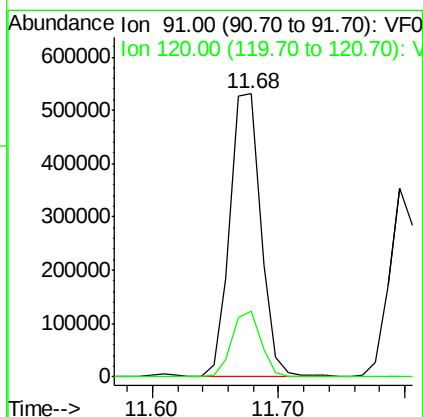
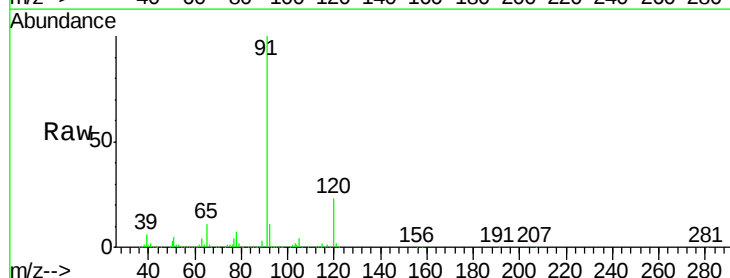
RT: 11.68 min Scan# 1131

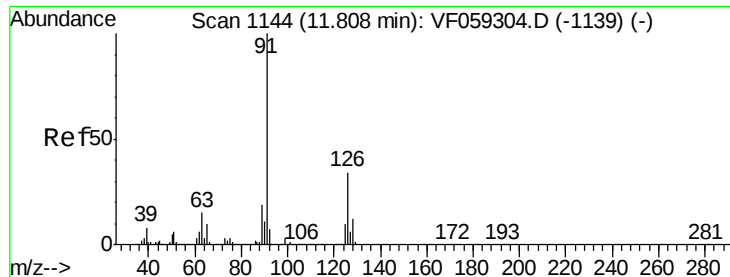
Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		897446		
120	23.3		11.7	35.0	





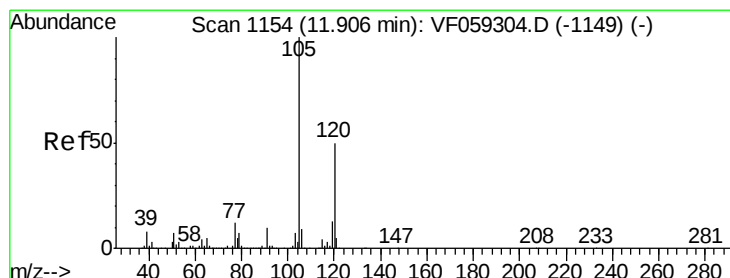
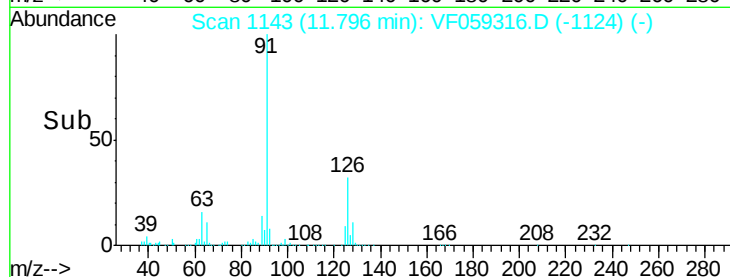
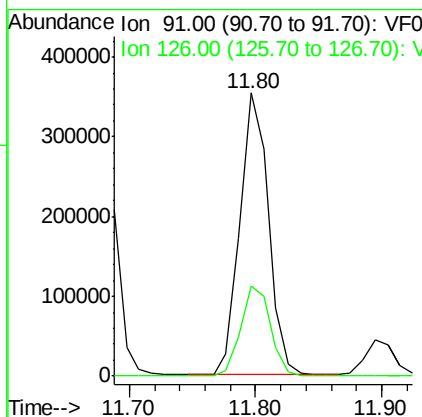
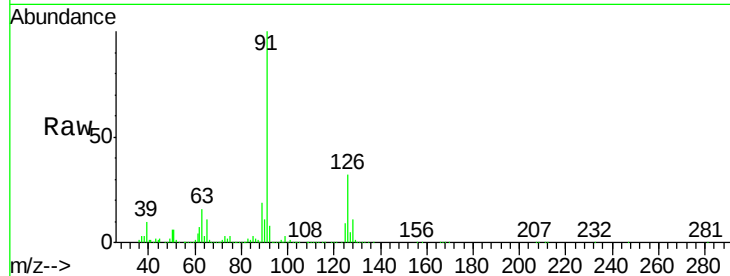
#79
2-Chlorotoluene
Concen: 51.50 ug/l
RT: 11.80 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion: 91 Resp: 553593
Ion Ratio Lower Upper
91 100
126 31.8 17.2 51.5

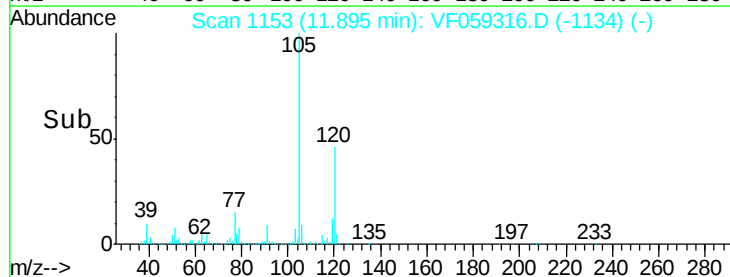
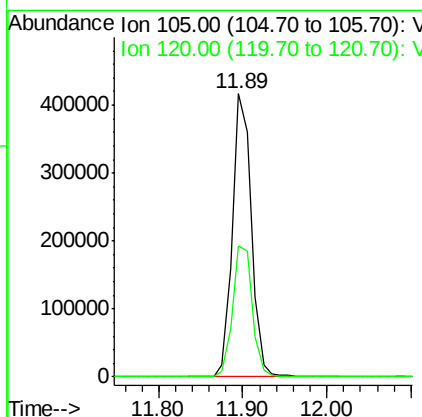
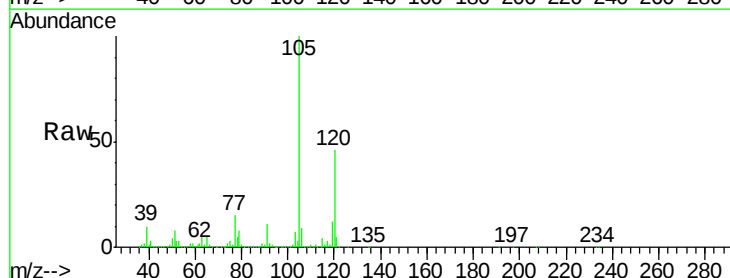
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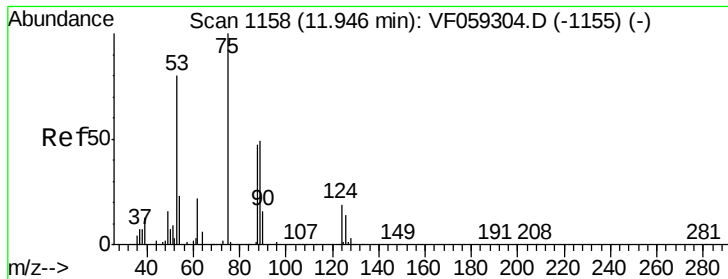
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#80
1,3,5-Trimethylbenzene
Concen: 50.95 ug/l
RT: 11.89 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion: 105 Resp: 653786
Ion Ratio Lower Upper
105 100
120 46.3 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 54.10 ug/l

RT: 11.94 min Scan# 1158

Delta R.T. -0.00 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Instrument :

MSVOA_F

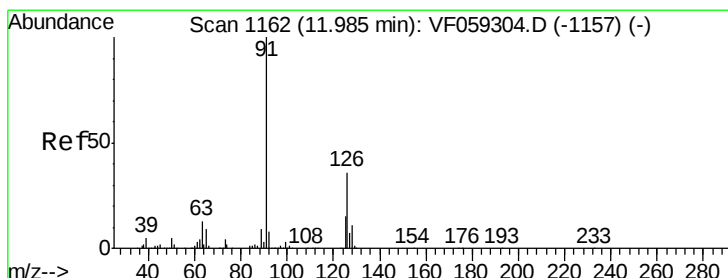
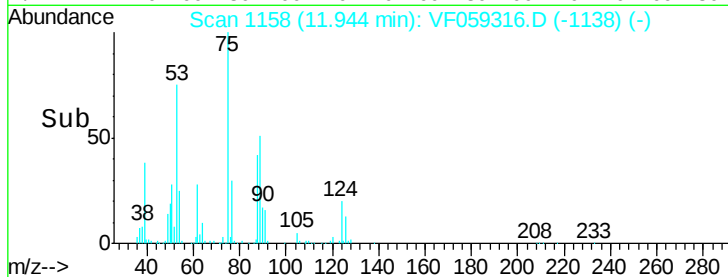
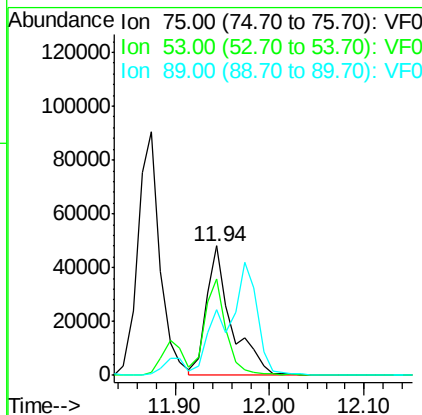
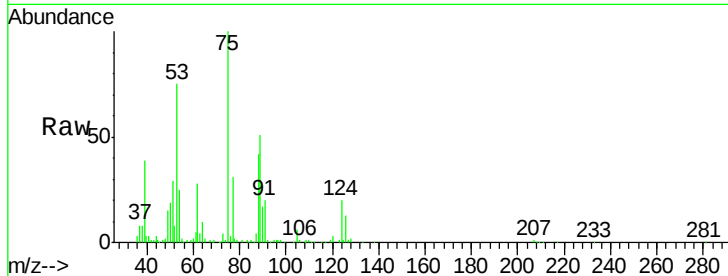
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	75	Resp:	89864
Ion Ratio	Lower	Upper	
75	100		
53	75.0	68.8	103.2
89	50.9	42.0	63.0

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#82

4-Chlorotoluene

Concen: 48.88 ug/l

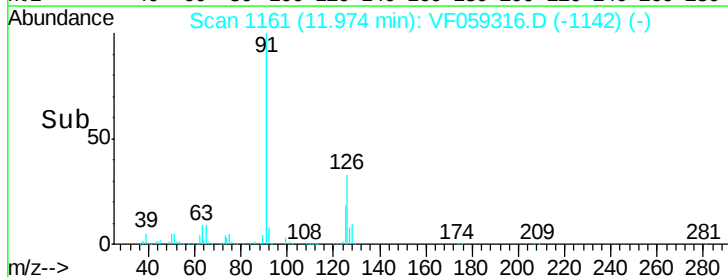
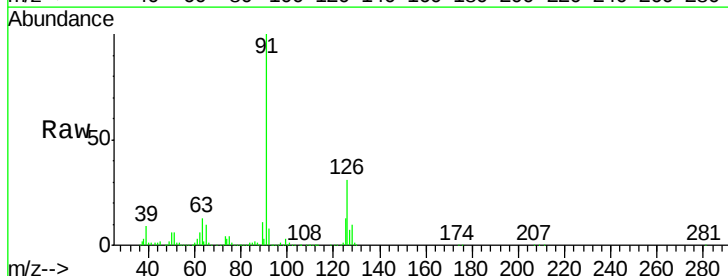
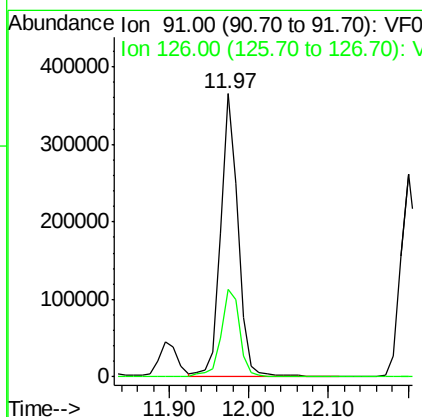
RT: 11.97 min Scan# 1161

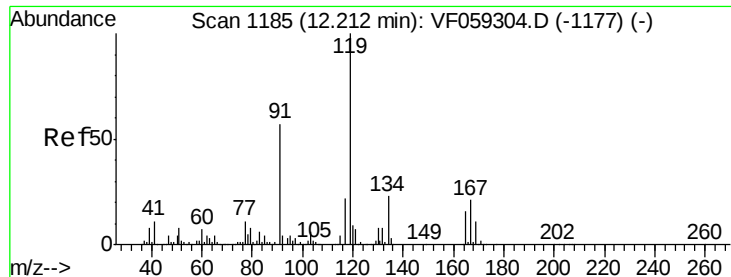
Delta R.T. -0.01 min

Lab File: VF059316.D

Acq: 26 Jun 2018 14:55

Tgt Ion:	91	Resp:	562740
Ion Ratio	Lower	Upper	
91	100		
126	30.8	18.2	54.6





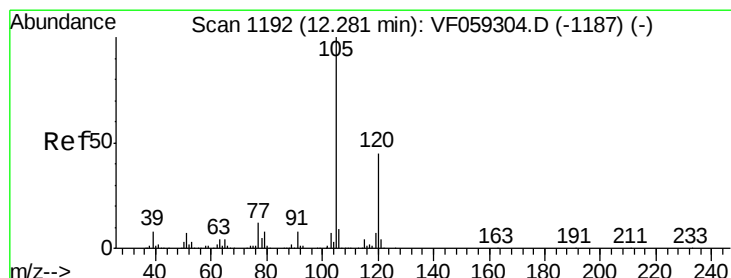
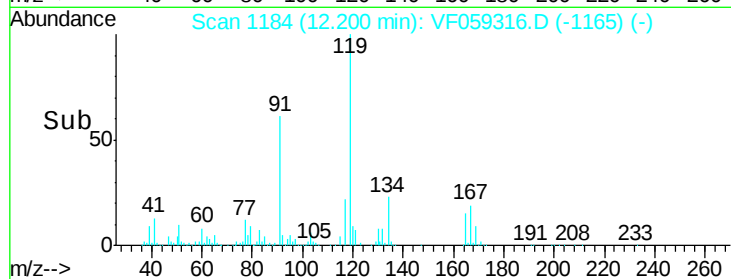
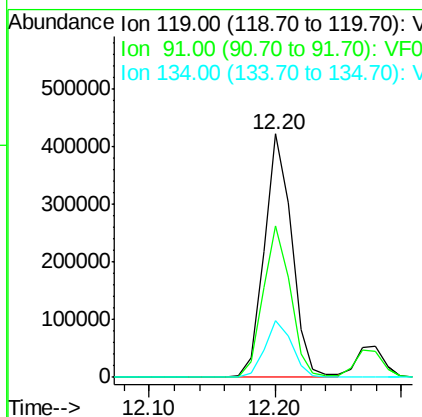
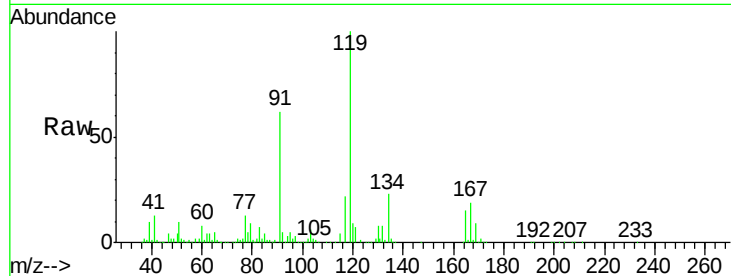
#83
 tert-Butylbenzene
 Concen: 50.12 ug/l
 RT: 12.20 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VF059316.D
 Acq: 26 Jun 2018 14:55

Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	28.4	85.2
134	23.1	11.7	35.1

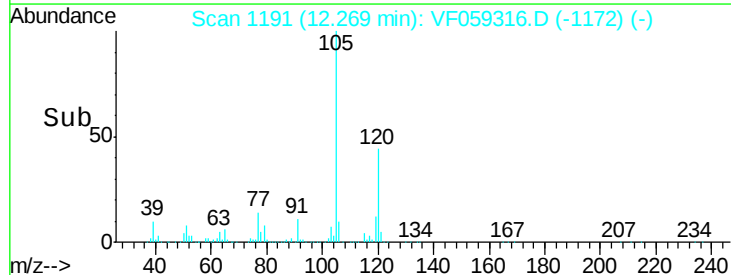
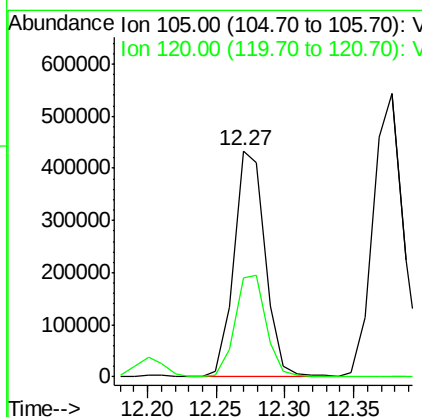
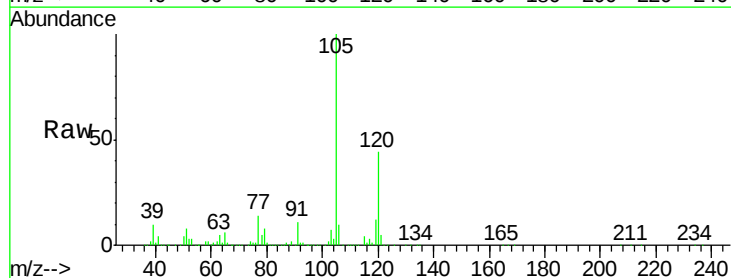
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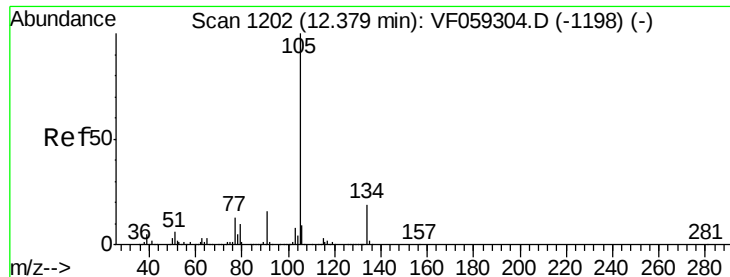
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.71 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: VF059316.D
 Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.8	68.4





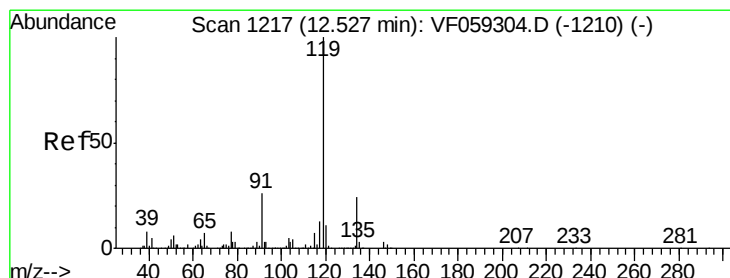
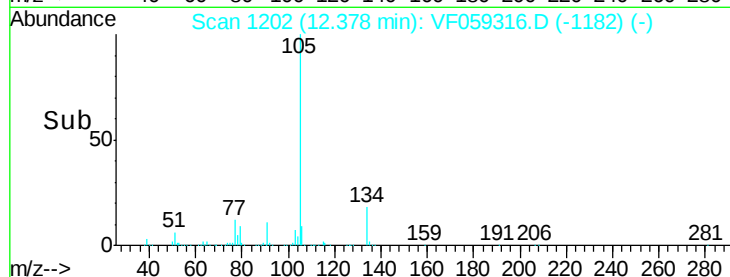
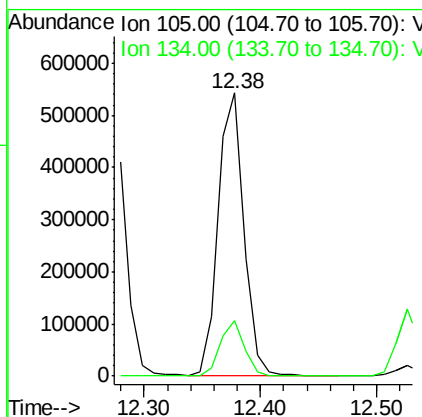
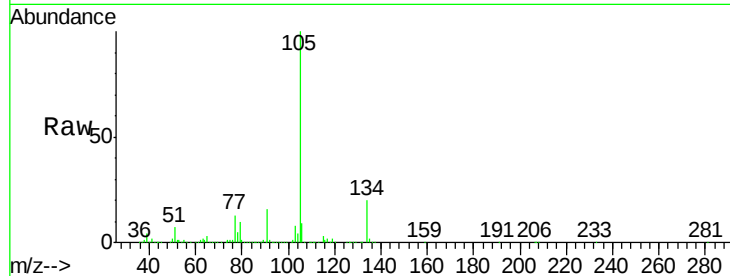
#85
 sec-Butylbenzene
 Concen: 48.77 ug/l
 RT: 12.38 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VF059316.D
 Acq: 26 Jun 2018 14:55

Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.4	28.3

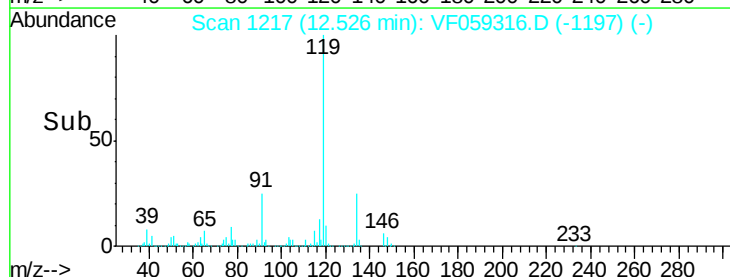
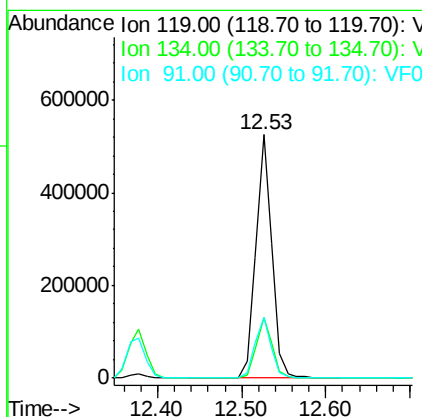
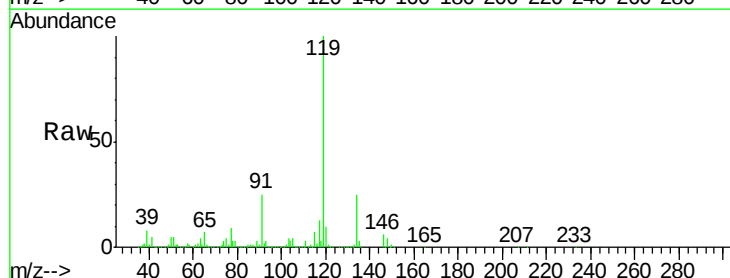
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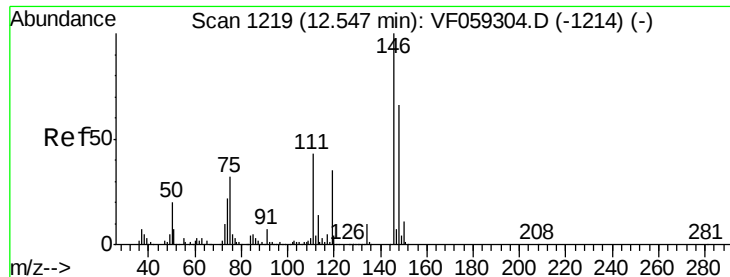
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#86
 p-Isopropyltoluene
 Concen: 49.12 ug/l
 RT: 12.53 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VF059316.D
 Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.6	12.2	36.4
91	25.0	12.9	38.6





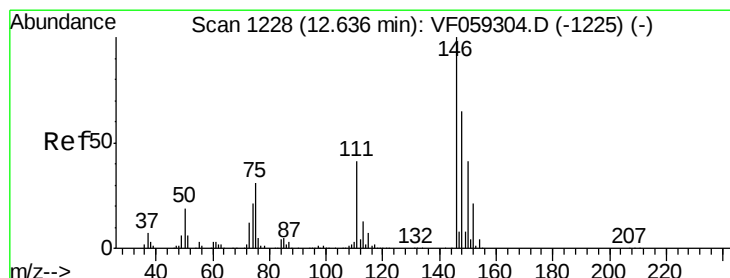
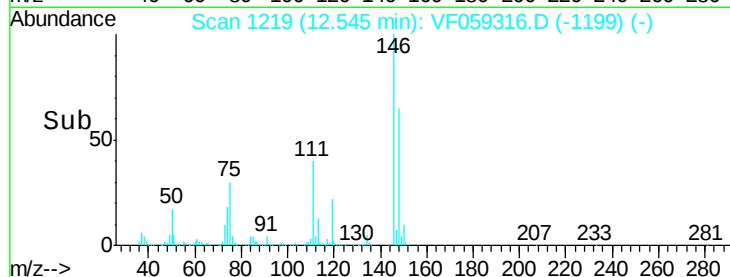
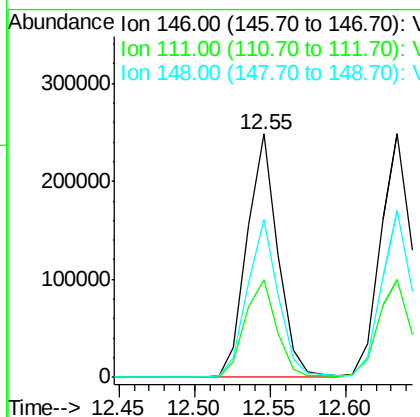
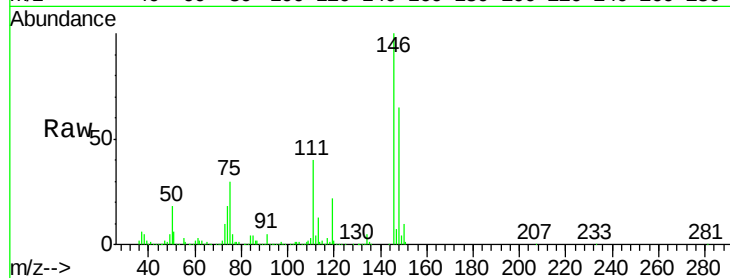
#87
 1,3-Dichlorobenzene
 Concen: 53.37 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VF059316.D
 Acq: 26 Jun 2018 14:55

Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	21.4	64.2
148	65.0	32.8	98.4

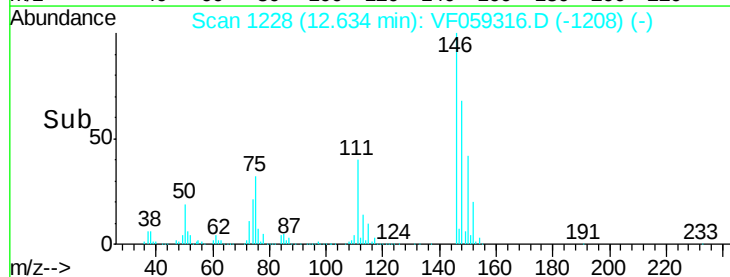
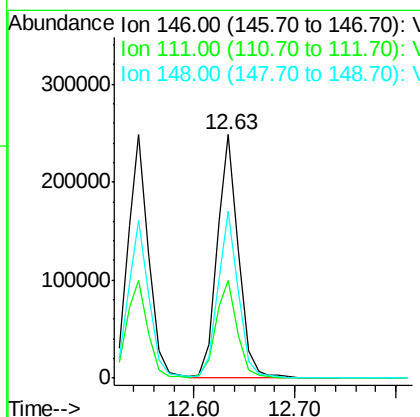
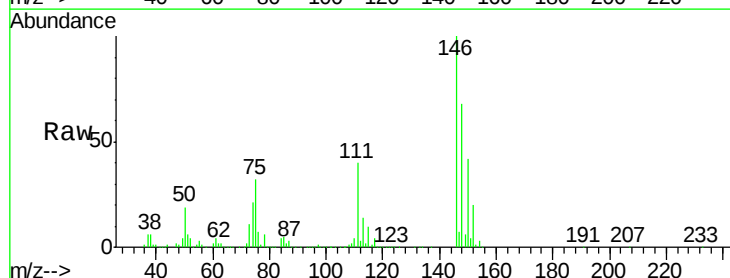
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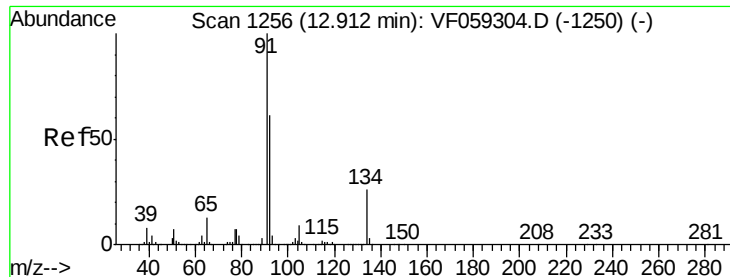
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#88
 1,4-Dichlorobenzene
 Concen: 50.30 ug/l
 RT: 12.63 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VF059316.D
 Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.7	62.1
148	68.4	32.8	98.3





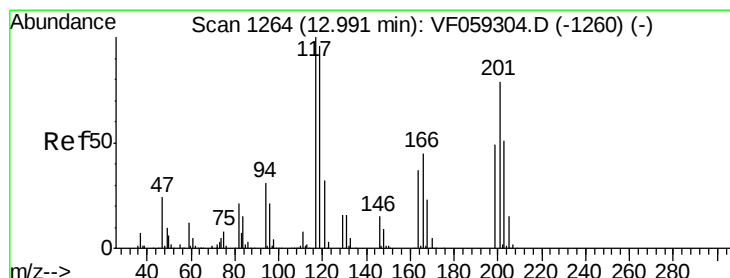
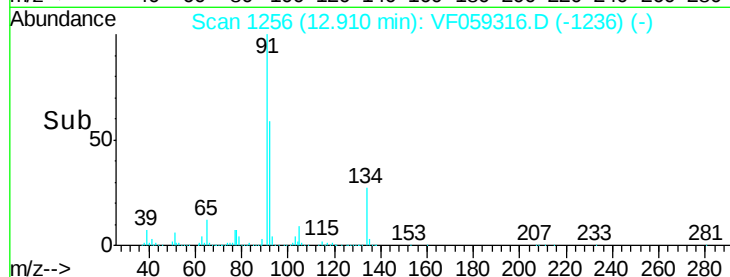
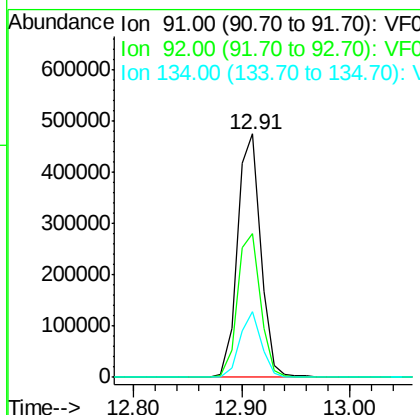
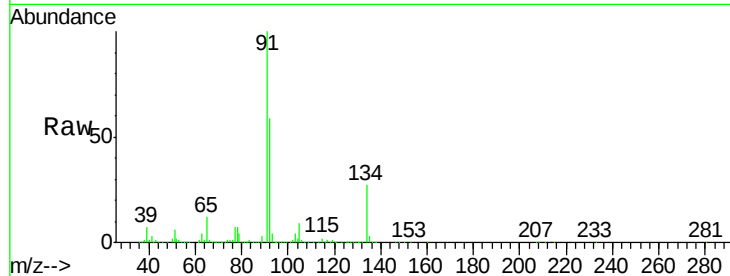
#89
n-Butylbenzene
Concen: 48.65 ug/l
RT: 12.91 min Scan# 1256
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	59.2	30.3	91.0
134	27.2	12.9	38.7

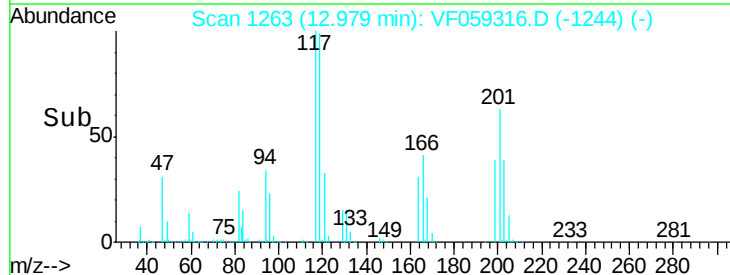
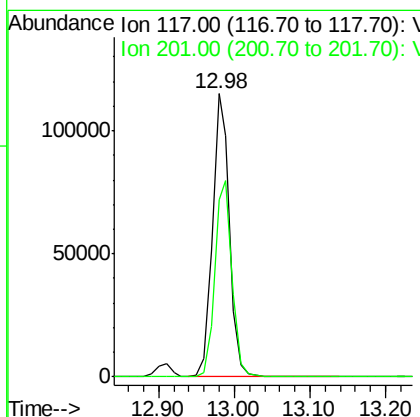
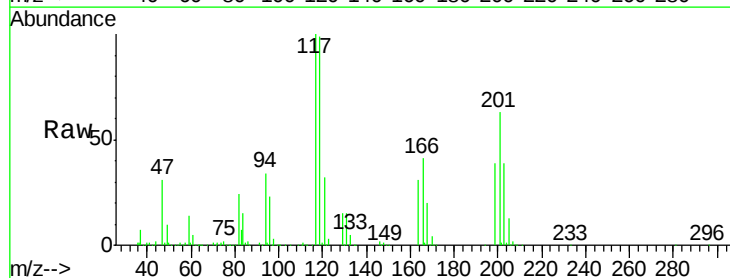
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#90
Hexachloroethane
Concen: 50.93 ug/l
RT: 12.98 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.7	39.5	118.5





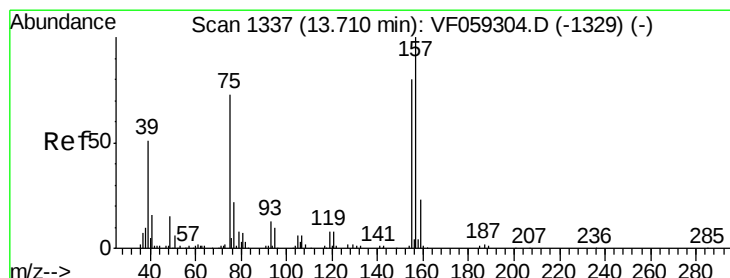
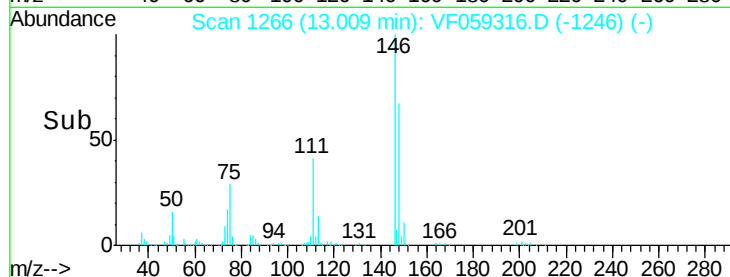
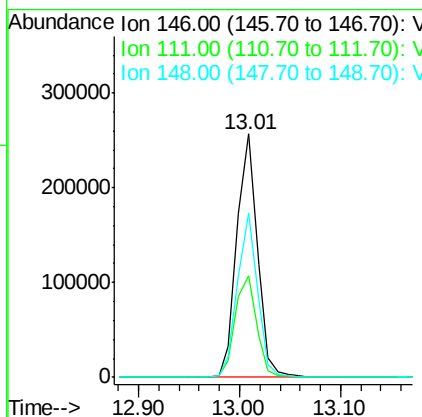
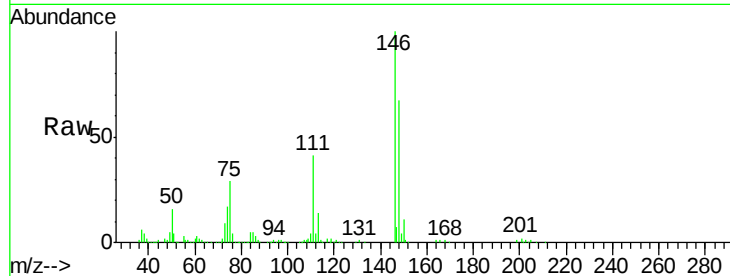
#91
 1,2-Dichlorobenzene
 Concen: 49.65 ug/l
 RT: 13.01 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VF059316.D
 Acq: 26 Jun 2018 14:55

Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	22.7	68.0
148	67.4	33.5	100.4

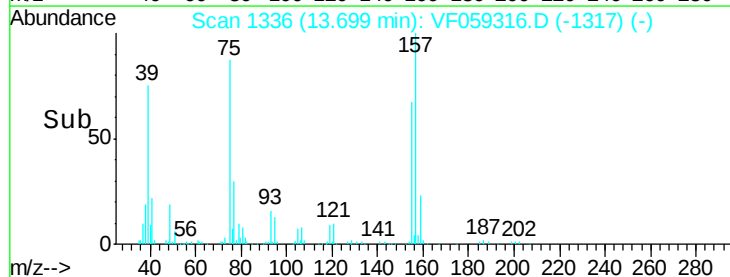
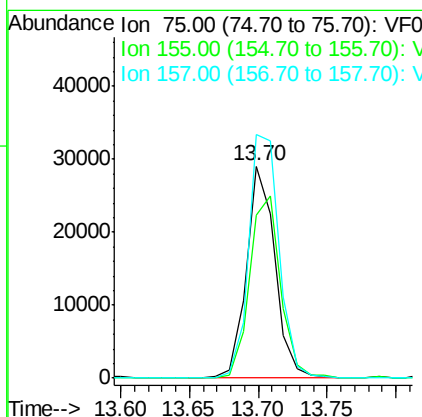
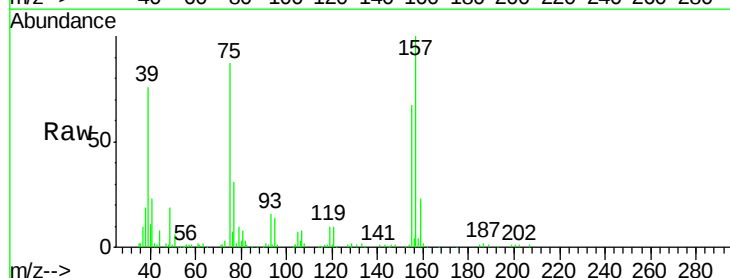
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.47 ug/l
 RT: 13.70 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VF059316.D
 Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.0	54.6	163.8
157	115.0	68.7	205.9





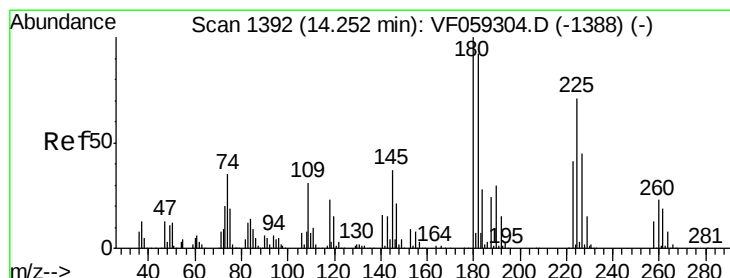
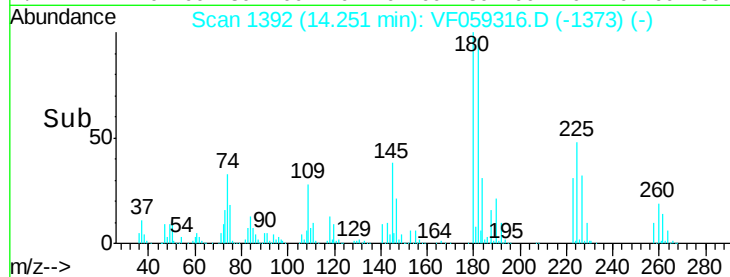
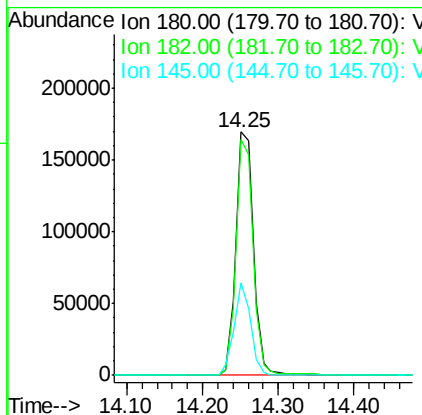
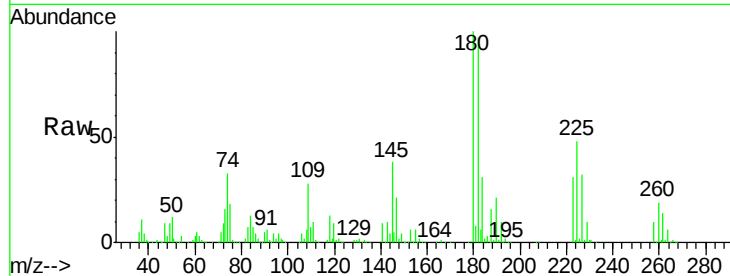
#93
 1,2,4-Trichlorobenzene
 Concen: 49.55 ug/l
 RT: 14.25 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: VF059316.D
 Acq: 26 Jun 2018 14:55

Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	270330		
182	97.0	48.1	144.3	
145	37.8	15.3	45.8	

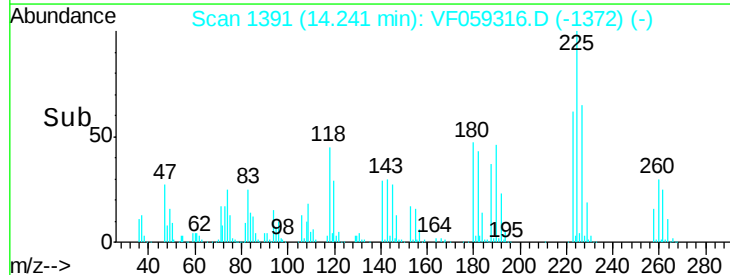
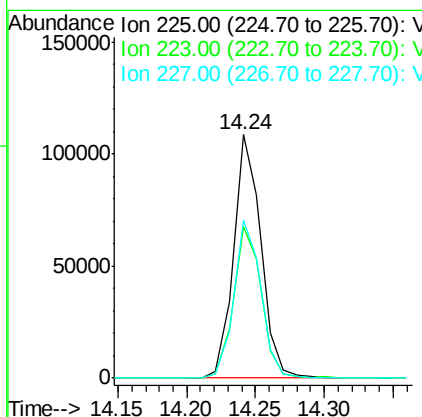
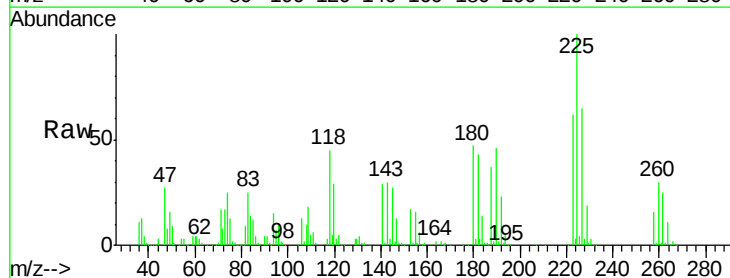
Manual Integrations
 APPROVED

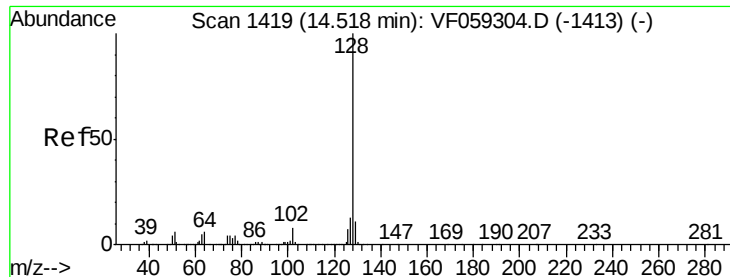
apatel
 6/27/2018 2:09:09 PM



#94
 Hexachlorobutadiene
 Concen: 49.25 ug/l
 RT: 14.24 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VF059316.D
 Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	150079		
223	62.2	28.9	86.8	
227	64.6	31.3	93.8	





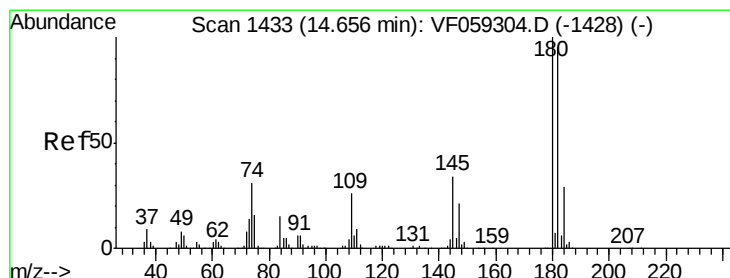
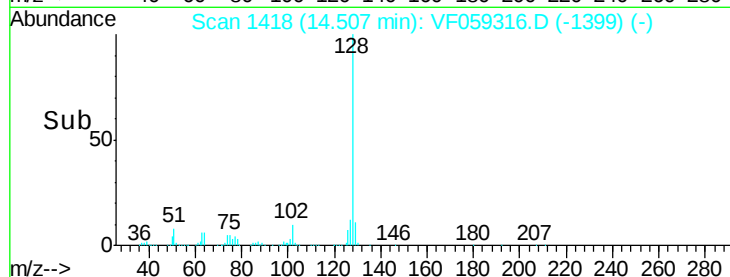
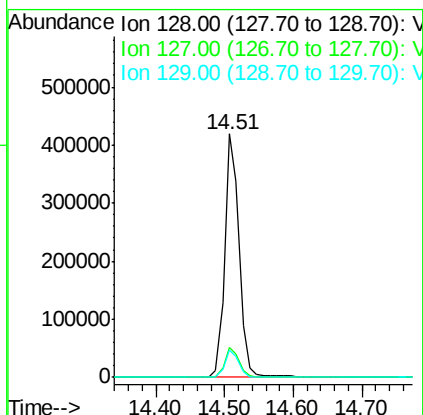
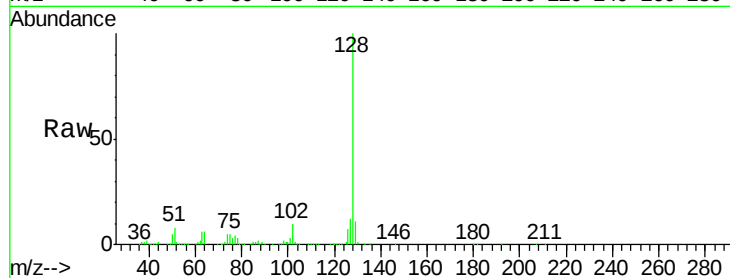
#95
Naphthalene
Concen: 53.39 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.01 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Instrument :
MSVOA_F
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.1	15.1
129	11.1	8.8	13.2

Manual Integrations
APPROVED

apatel
6/27/2018 2:09:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.56 ug/l
RT: 14.65 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VF059316.D
Acq: 26 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.5	142.5
145	33.7	17.0	50.9

