

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102518\
 Data File : VF060506.D
 Acq On : 25 Oct 2018 14:36
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

Manual Integrations
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apatel
 10/26/2018 10:27:38 AM

Quant Time: Oct 26 00:43:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 00:30:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	166369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	229778	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	219619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	146791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	33323	13.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	26.42%	
35) Dibromofluoromethane	4.29	113	29240	13.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	27.64%	
50) Toluene-d8	7.71	98	61763	12.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	24.30%	
62) 4-Bromofluorobenzene	11.51	95	32590	14.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	29.22%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.00	85	53260	16.292	ug/l	82
3) Chloromethane	1.12	50	23521	11.630	ug/l	91
4) Vinyl Chloride	1.18	62	26797	12.215	ug/l	97
5) Bromomethane	1.35	94	28509	16.524	ug/l	90
6) Chloroethane	1.42	64	15344	13.231	ug/l #	86
7) Trichlorofluoromethane	1.55	101	90331m	18.370	ug/l	
8) Diethyl Ether	1.69	74	7056	10.029	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	1.89	101	35626	14.484	ug/l	92
10) Methyl Iodide	1.96	142	49610m	12.721	ug/l	
11) Tert butyl alcohol	2.67	59	11089	83.878	ug/l #	84
12) 1,1-Dichloroethene	1.85	96	24188	11.772	ug/l	89
13) Acrolein	2.08	56	6822m	83.277	ug/l	
14) Allyl chloride	2.18	41	40258	13.292	ug/l	96
15) Acrylonitrile	3.07	53	14640	52.600	ug/l	91
16) Acetone	2.33	43	50128	90.669	ug/l	93
17) Carbon Disulfide	1.86	76	71141	12.451	ug/l	95
18) Methyl Acetate	2.44	43	10141m	9.678	ug/l	
19) Methyl tert-butyl Ether	2.53	73	62995	13.620	ug/l	99
20) Methylene Chloride	2.27	84	26703	13.913	ug/l #	86
21) trans-1,2-Dichloroethene	2.40	96	25245	13.164	ug/l	87
22) Diisopropyl ether	2.92	45	69737	11.202	ug/l	89
23) Vinyl Acetate	3.32	43	114295	52.444	ug/l	97
24) 1,1-Dichloroethane	3.00	63	56904	13.620	ug/l	96
25) 2-Butanone	4.50	43	33621	55.865	ug/l	99
26) 2,2-Dichloropropane	3.76	77	38171	17.523	ug/l	96
27) cis-1,2-Dichloroethene	3.64	96	22014	9.834	ug/l	71
28) Bromochloromethane	3.89	49	17341	11.950	ug/l #	83
29) Tetrahydrofuran	4.25	42	12629	49.780	ug/l	92
30) Chloroform	4.03	83	62100	12.844	ug/l	99
31) Cyclohexane	3.84	56	27584	10.320	ug/l #	77
32) 1,1,1-Trichloroethane	4.27	97	60325	15.838	ug/l	94
36) 1,1-Dichloropropene	4.45	75	36971	13.833	ug/l	97
37) Ethyl Acetate	4.29	43	13484	14.283	ug/l #	53
38) Carbon Tetrachloride	4.16	117	56196	20.931	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	30684	12.193	ug/l	88
40) Benzene	4.80	78	62734	11.432	ug/l	98
41) Methacrylonitrile	4.92	41	5745	10.710	ug/l	92
42) 1,2-Dichloroethane	5.12	62	39185	15.740	ug/l	99
43) Isopropyl Acetate	7.11	43	13474	11.451	ug/l #	81
44) Trichloroethene	5.67	130	21328	12.476	ug/l	91
45) 1,2-Dichloropropane	6.40	63	16030	11.933	ug/l	91
46) Dibromomethane	6.24	93	15495	14.380	ug/l #	77
47) Bromodichloromethane	6.54	83	40036	14.711	ug/l	97
48) Methyl methacrylate	6.87	41	9709	12.181	ug/l #	82
49) 1,4-Dioxane	6.86	88	1695	247.363	ug/l #	52
51) 4-Methyl-2-Pentanone	8.41	43	52663	64.160	ug/l	93
52) Toluene	7.78	92	41708	12.068	ug/l	89
53) t-1,3-Dichloropropene	8.43	75	31707	15.001	ug/l #	80
54) cis-1,3-Dichloropropene	7.45	75	32689	13.279	ug/l	90
55) 1,1,2-Trichloroethane	8.62	97	12054	11.349	ug/l	94
56) Ethyl methacrylate	8.76	69	14730	11.986	ug/l #	88
57) 1,3-Dichloropropane	9.00	76	24214	13.239	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.78	63	9464	75.783	ug/l	100
59) 2-Hexanone	9.63	43	42398	71.411	ug/l	98
60) Dibromochloromethane	8.85	129	24371	14.617	ug/l	93
61) 1,2-Dibromoethane	9.13	107	16103	13.418	ug/l	88
64) Tetrachloroethene	8.30	164	19632	11.278	ug/l	91
65) Chlorobenzene	9.94	112	50128	11.753	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.06	131	26794	13.946	ug/l	91
67) Ethyl Benzene	10.03	91	102524	12.741	ug/l	94
68) m/p-Xylenes	10.27	106	64869	23.615	ug/l	84
69) o-Xylene	10.82	106	35323	11.824	ug/l	95
70) Styrene	10.90	104	51298	11.930	ug/l	96
71) Bromoform	10.88	173	13991	14.364	ug/l	99
73) Isopropylbenzene	11.23	105	133531	12.238	ug/l	97
74) N-amyl acetate	11.46	43	23138	9.742	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.78	83	16933	9.233	ug/l	98
76) 1,2,3-Trichloropropane	11.89	75	16124	11.373	ug/l	83
77) Bromobenzene	11.59	156	26295	10.844	ug/l	92
78) n-propylbenzene	11.69	91	152809	11.759	ug/l	96
79) 2-Chlorotoluene	11.81	91	88255	11.600	ug/l	99
80) 1,3,5-Trimethylbenzene	11.91	105	115259	12.591	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.96	75	7487m	12.112	ug/l	
82) 4-Chlorotoluene	11.99	91	96941	12.350	ug/l	95
83) tert-Butylbenzene	12.21	119	120032	13.044	ug/l	98
84) 1,2,4-Trimethylbenzene	12.28	105	110732	11.915	ug/l	95
85) sec-Butylbenzene	12.39	105	150684	12.074	ug/l	94
86) p-Isopropyltoluene	12.54	119	133415	13.022	ug/l	99
87) 1,3-Dichlorobenzene	12.56	146	57595	12.470	ug/l	98
88) 1,4-Dichlorobenzene	12.65	146	53043	11.842	ug/l	98
89) n-Butylbenzene	12.91	91	144554	13.483	ug/l	94
90) Hexachloroethane	12.99	117	34059	13.902	ug/l	96
91) 1,2-Dichlorobenzene	13.02	146	52519	11.812	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.71	75	3753	9.641	ug/l	89

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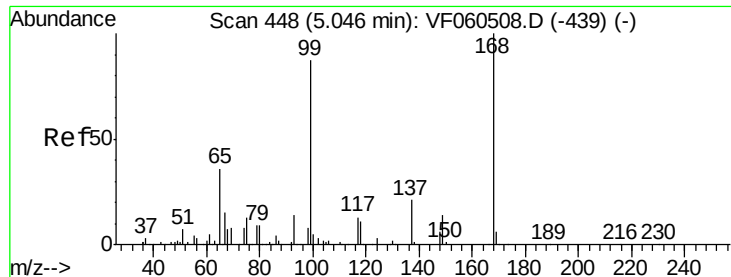
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	43791	12.754	ug/l	94
94) Hexachlorobutadiene	14.25	225	30047	12.871	ug/l	96
95) Naphthalene	14.52	128	59976	10.161	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.67	180	38479	12.029	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 447

Delta R.T. -0.01 min

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Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 166369

Ion Ratio Lower Upper

168 100

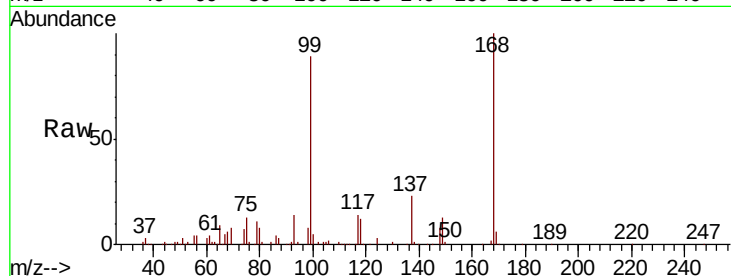
99 89.2 69.9 104.9

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

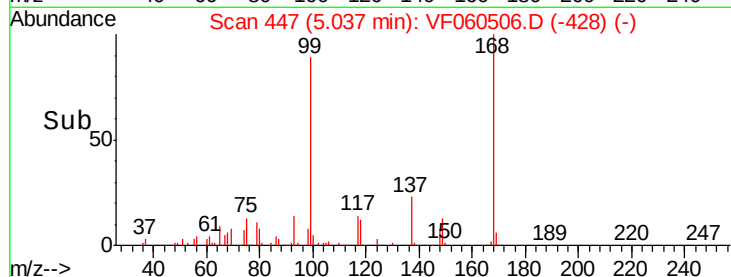
60000

40000

20000

0

Time-->



Abundance

Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

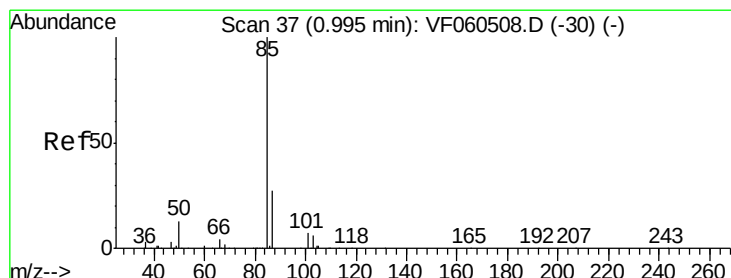
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.292 ug/l

RT: 1.00 min Scan# 37

Delta R.T. 0.00 min

Lab File: VF060506.D

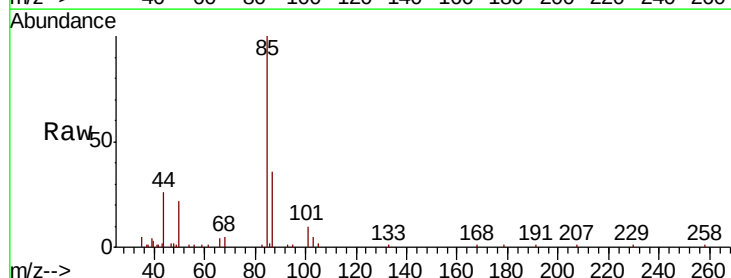
Acq: 25 Oct 2018 14:36

Tgt Ion: 85 Resp: 53260

Ion Ratio Lower Upper

85 100

87 36.3 13.5 40.4



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

20000

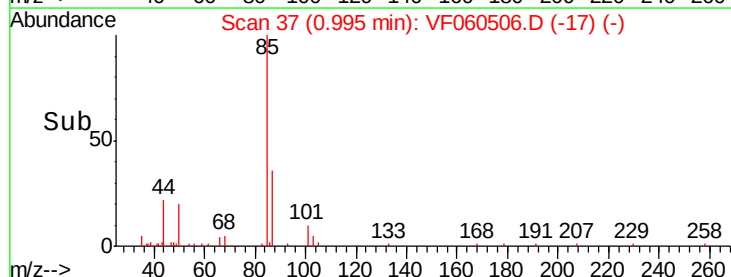
15000

10000

5000

0

Time-->



Abundance

Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

20000

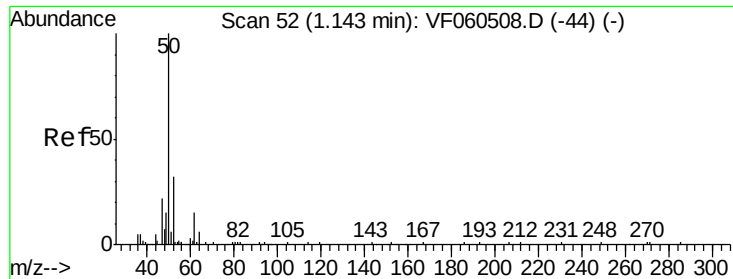
15000

10000

5000

0

Time-->



#3

Chloromethane

Concen: 11.630 ug/l

RT: 1.12 min Scan# 50

Delta R.T. -0.02 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 23521

Ion Ratio Lower Upper

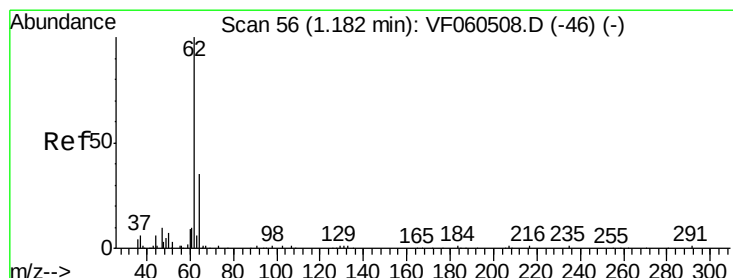
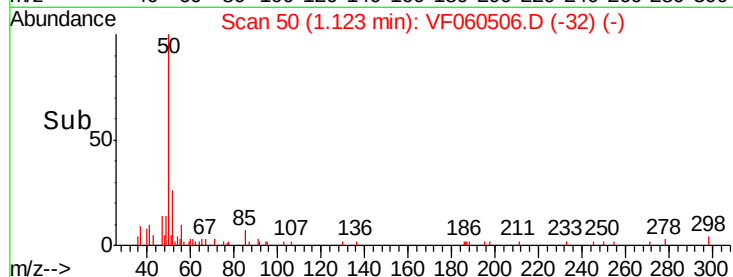
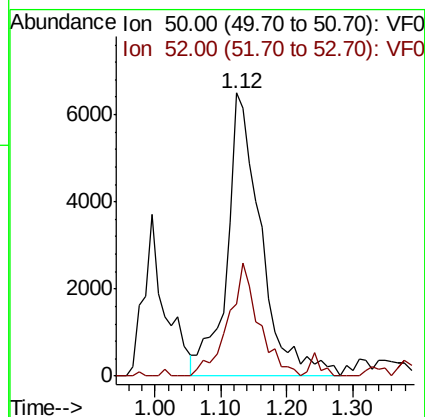
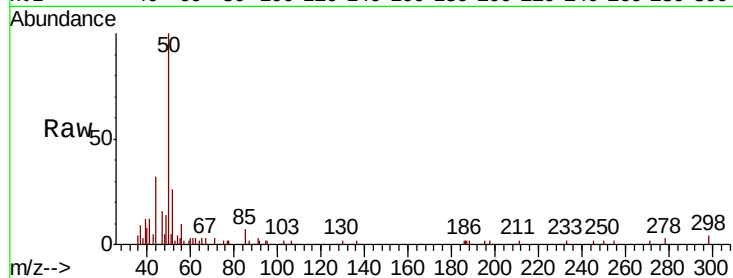
50 100

52 25.7 24.5 36.7

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#4

Vinyl Chloride

Concen: 12.215 ug/l

RT: 1.18 min Scan# 56

Delta R.T. 0.00 min

Lab File: VF060506.D

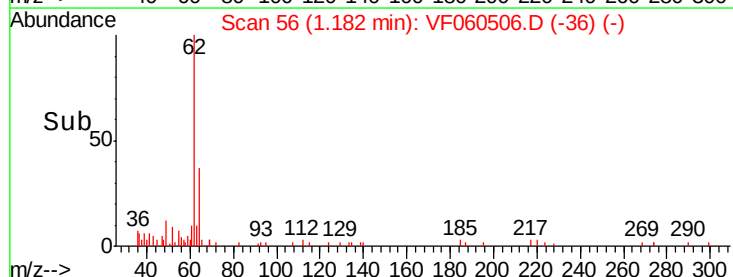
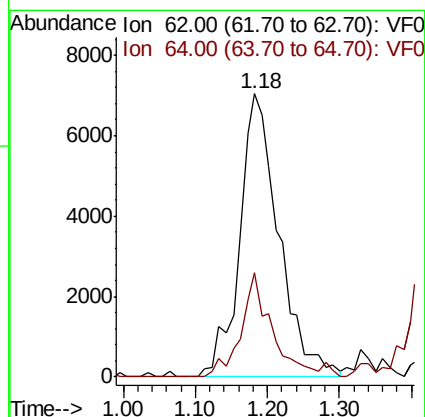
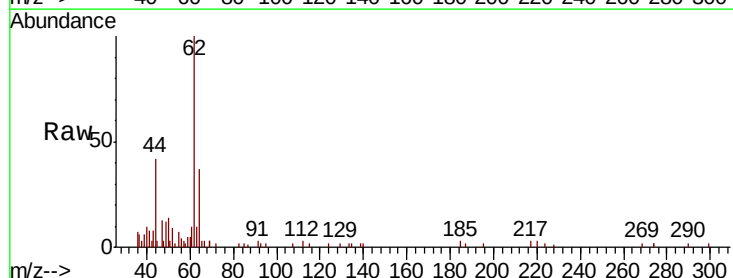
Acq: 25 Oct 2018 14:36

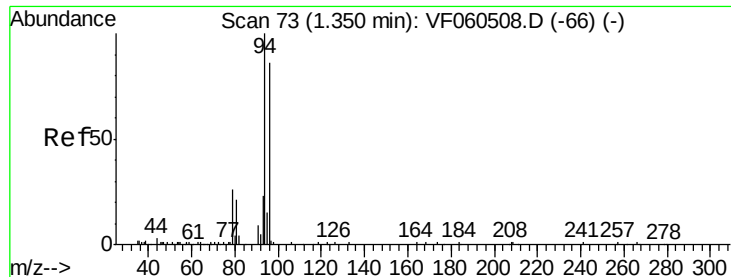
Tgt Ion: 62 Resp: 26797

Ion Ratio Lower Upper

62 100

64 36.8 27.8 41.8





#5

Bromomethane

Concen: 16.524 ug/l

RT: 1.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 28509

Ion Ratio Lower Upper

94 100

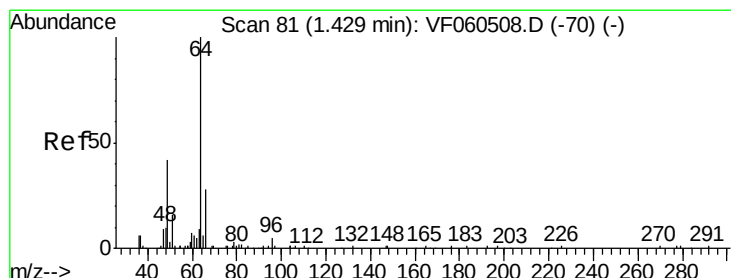
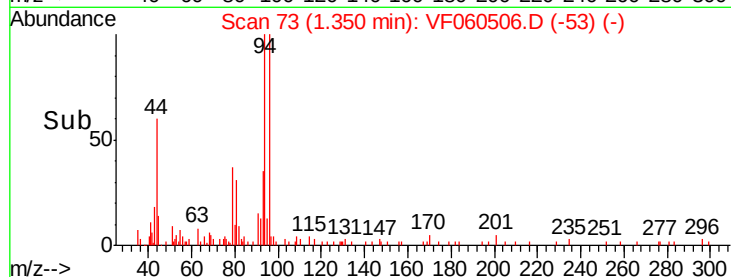
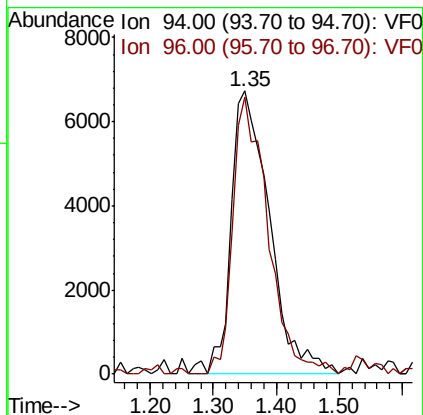
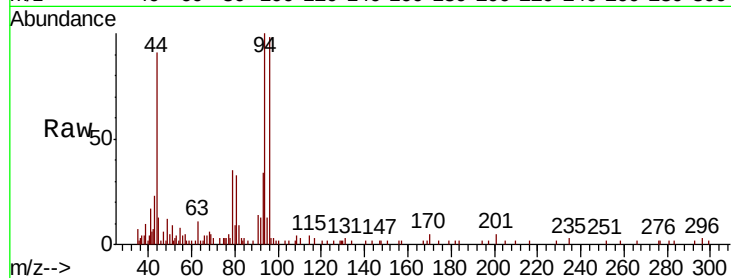
96 97.7 70.6 105.8

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#6

Chloroethane

Concen: 13.231 ug/l

RT: 1.42 min Scan# 80

Delta R.T. -0.01 min

Lab File: VF060506.D

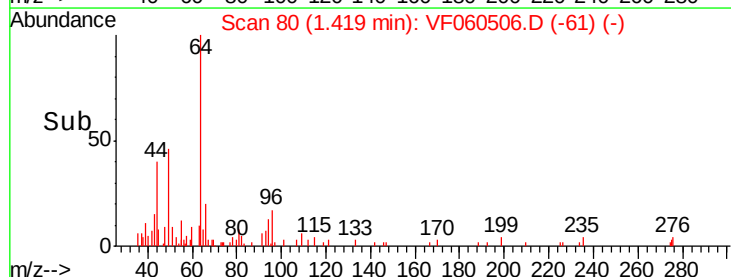
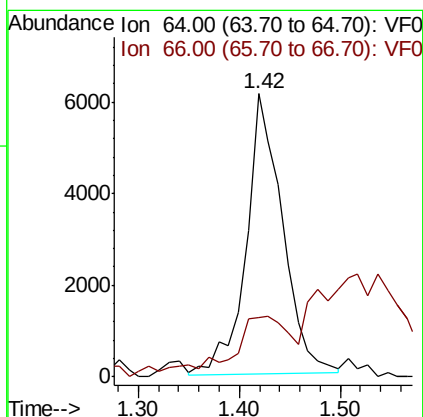
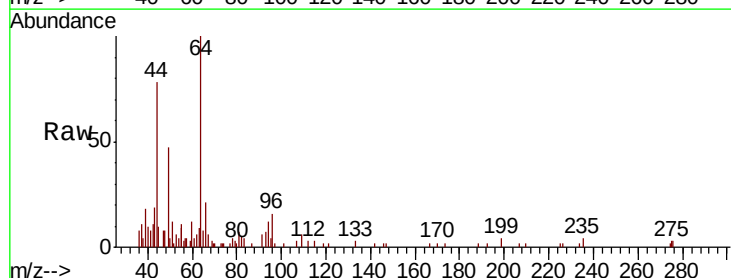
Acq: 25 Oct 2018 14:36

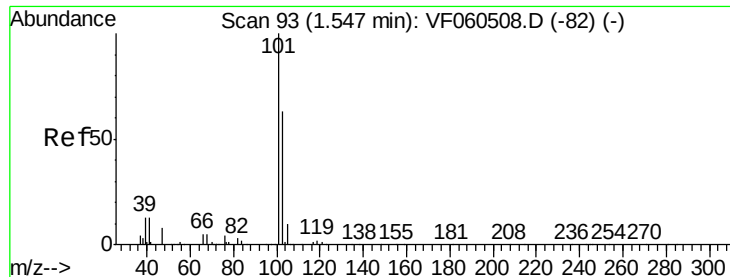
Tgt Ion: 64 Resp: 15344

Ion Ratio Lower Upper

64 100

66 20.8 22.4 33.6#





#7

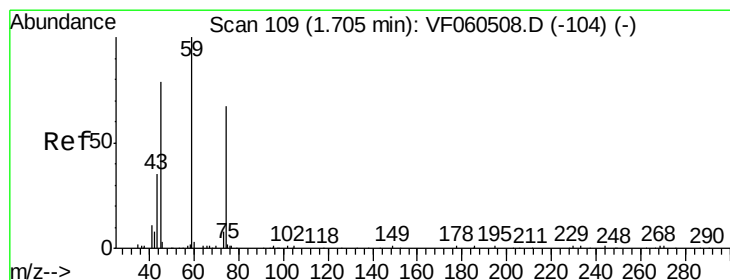
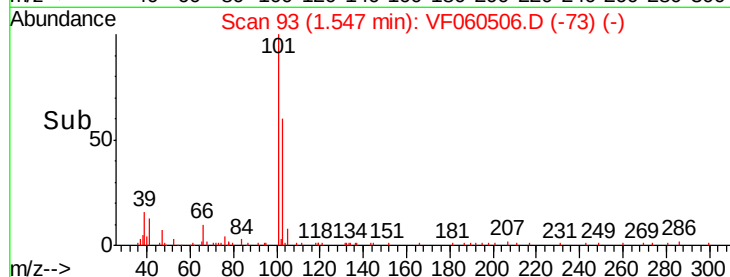
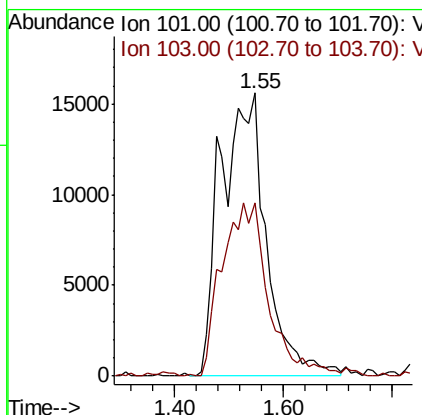
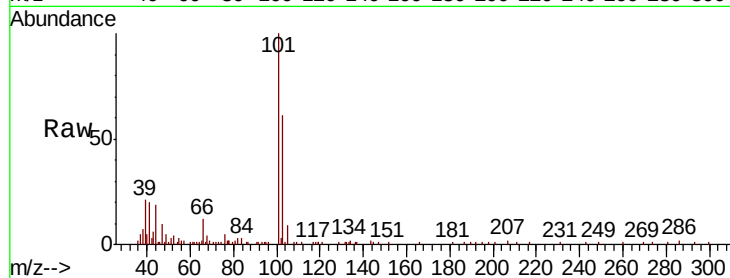
Trichlorofluoromethane
Concen: 18.370 ug/l m
RT: 1.55 min Scan# 93
Delta R.T. 0.00 min
Lab File: VF060506.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.4	50.4	75.6

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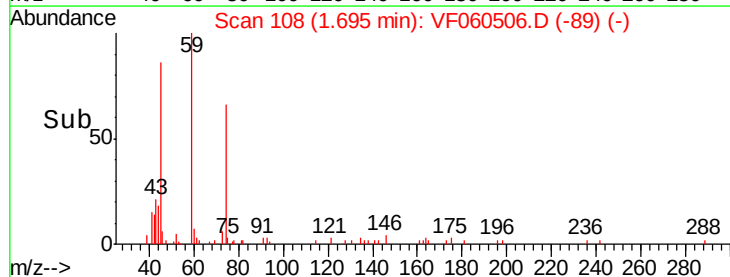
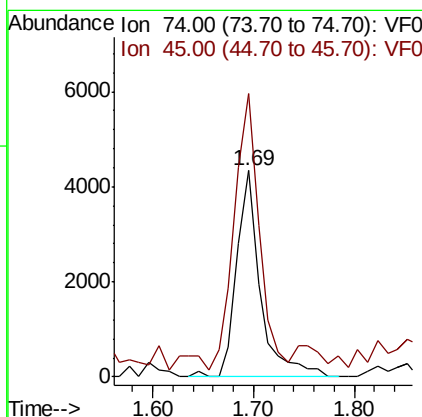
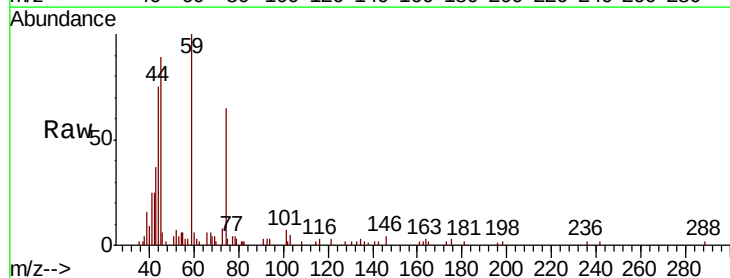
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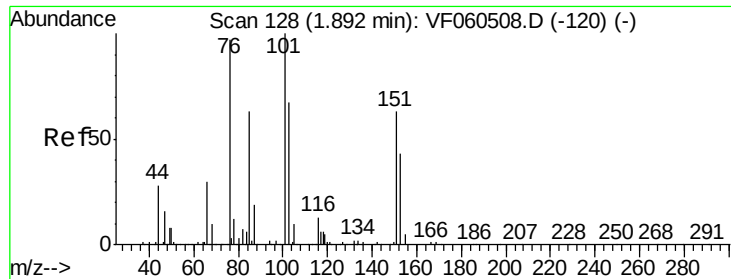


#8

Diethyl Ether
Concen: 10.029 ug/l
RT: 1.69 min Scan# 108
Delta R.T. -0.01 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	137.1	62.1	186.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.484 ug/l

RT: 1.89 min Scan# 128

Delta R.T. 0.00 min

Lab File: VF060506.D

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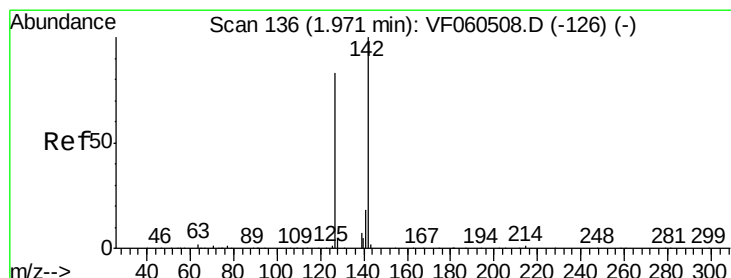
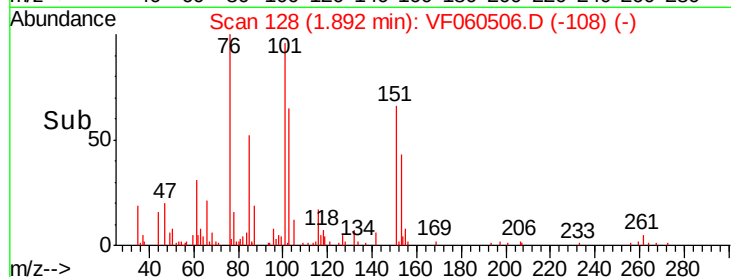
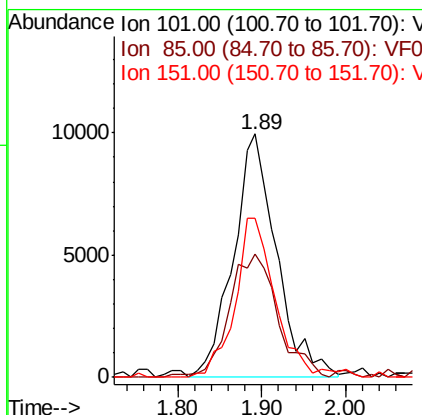
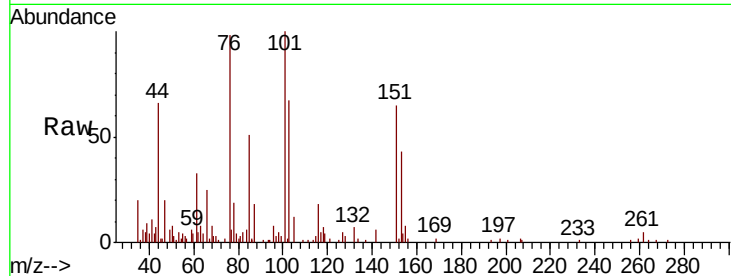
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	35626
Ion Ratio	Lower	Upper	
101	100		
85	52.0	49.9	74.9
151	65.2	50.6	76.0

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#10

Methyl Iodide

Concen: 12.721 ug/l m

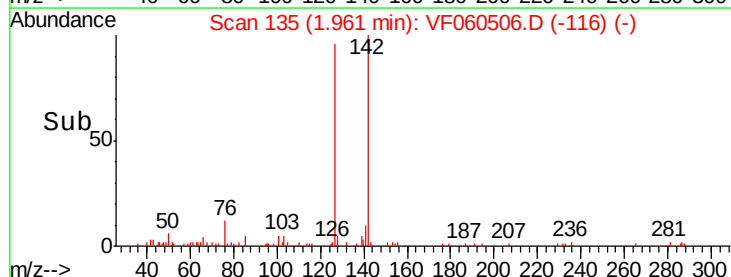
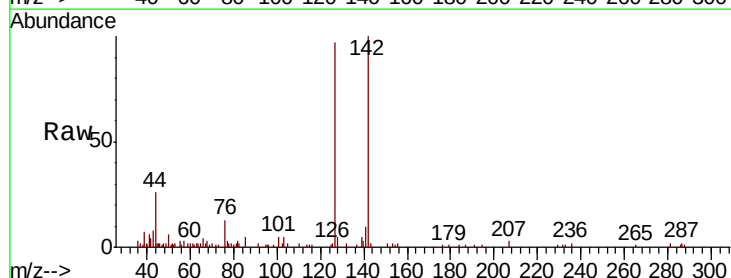
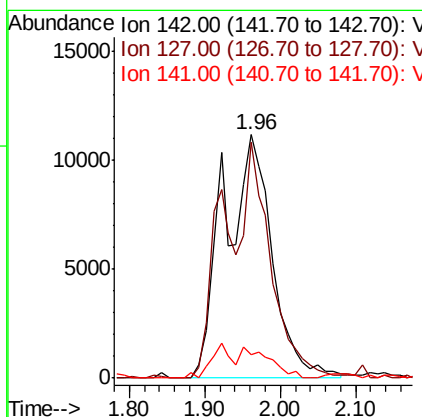
RT: 1.96 min Scan# 135

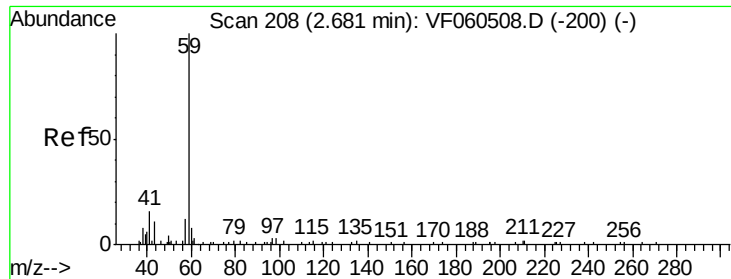
Delta R.T. -0.01 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Tgt Ion:	142	Resp:	49610
Ion Ratio	Lower	Upper	
142	100		
127	96.8	66.5	99.7
141	9.7	14.2	21.4#





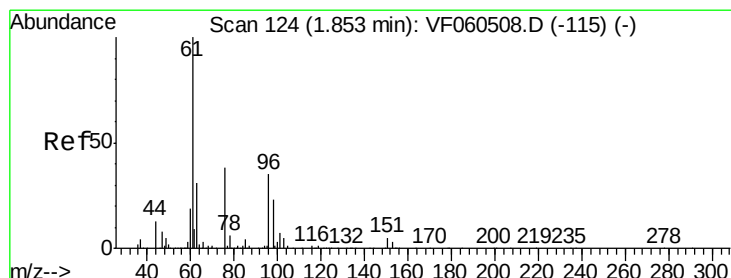
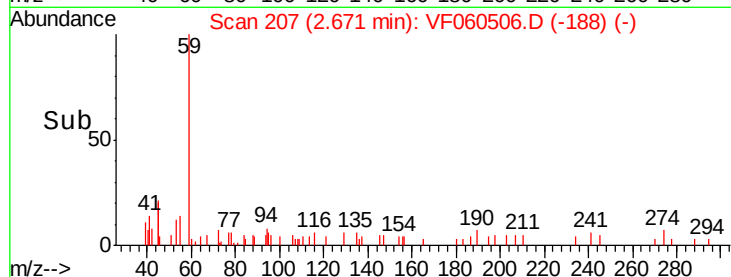
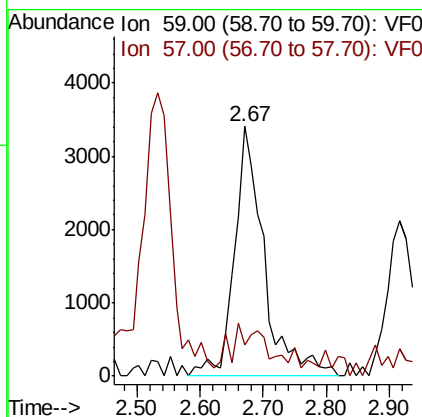
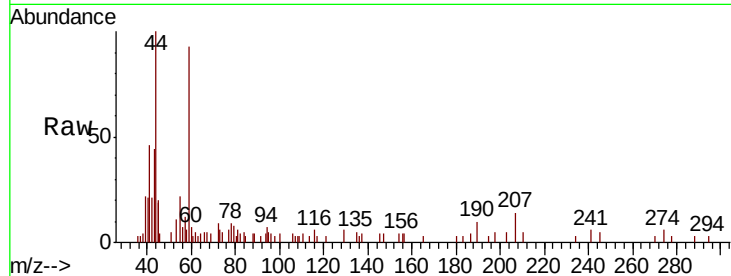
#11
Tert butyl alcohol
Concen: 83.878 ug/l
RT: 2.67 min Scan# 207
Delta R.T. -0.01 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.7	15.8	23.8#

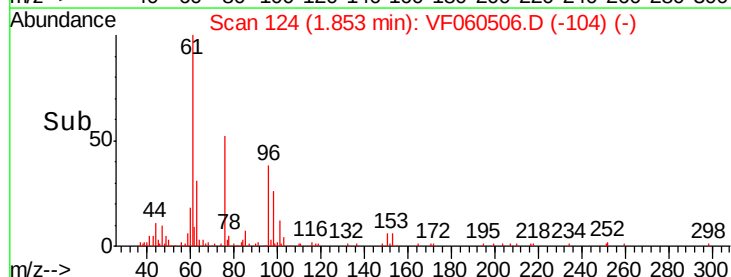
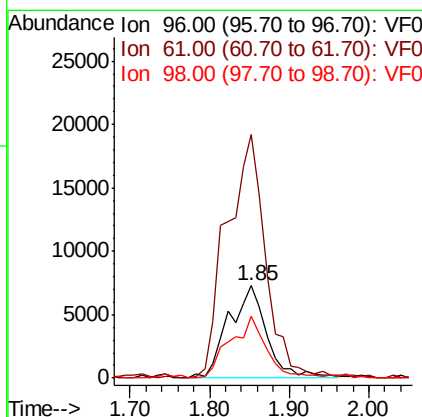
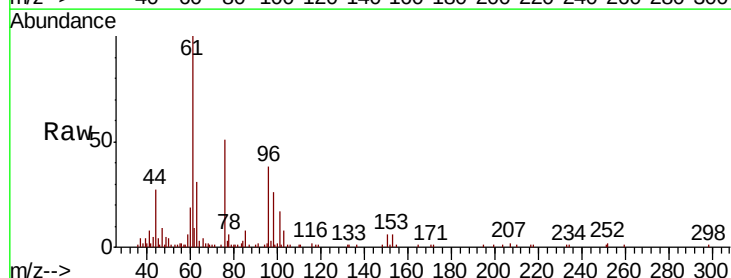
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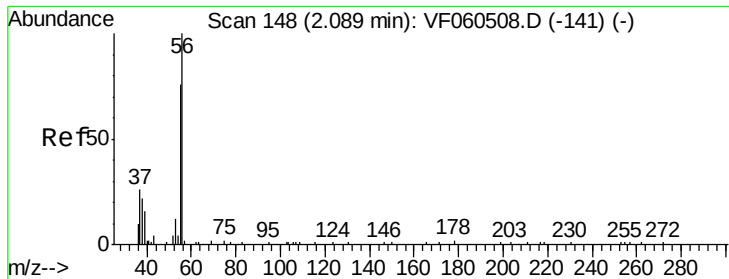
apatel
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#12
1,1-Dichloroethene
Concen: 11.772 ug/l
RT: 1.85 min Scan# 124
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	263.2	231.4	347.0
98	67.1	53.3	79.9





#13

Acrolein

Concen: 83.277 ug/l m

RT: 2.08 min Scan# 147

Delta R.T. -0.01 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 6822

Ion Ratio Lower Upper

56 100

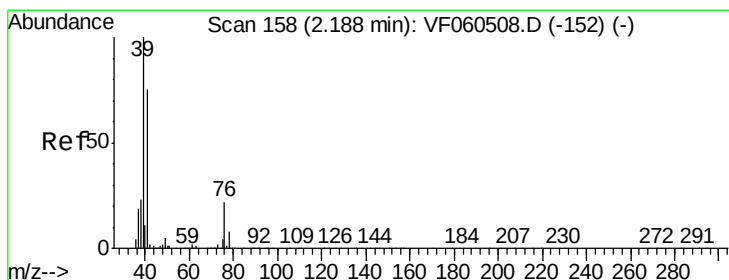
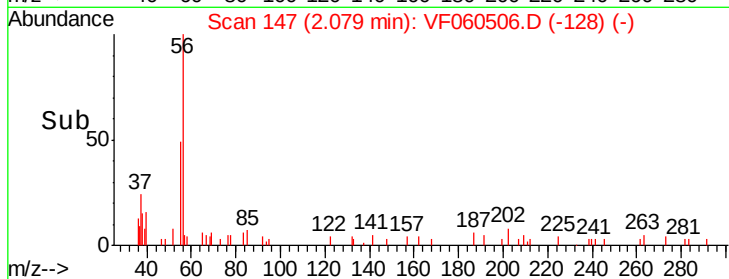
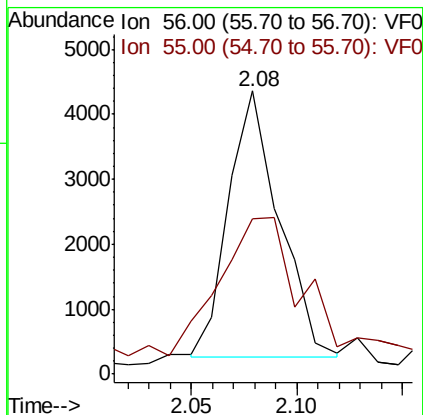
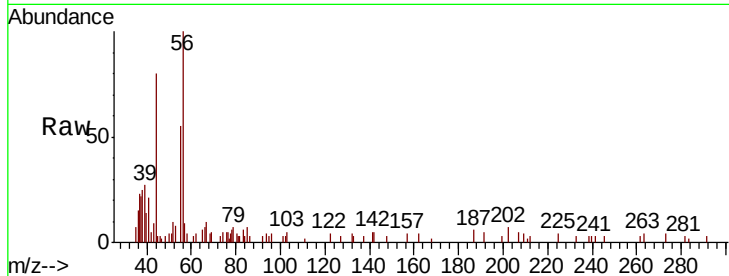
55 54.9 63.0 94.4#

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#14

Allyl chloride

Concen: 13.292 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

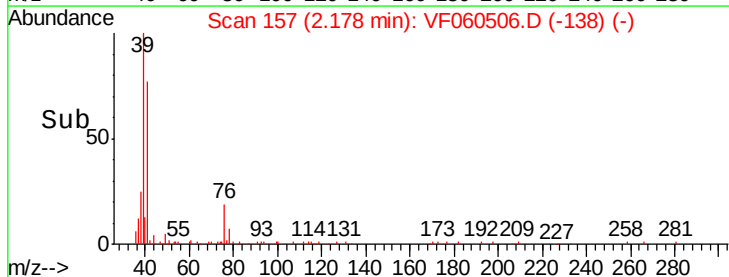
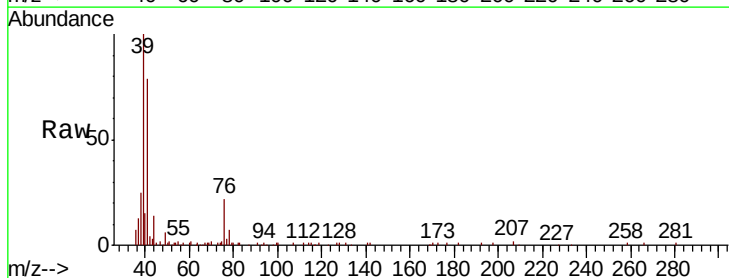
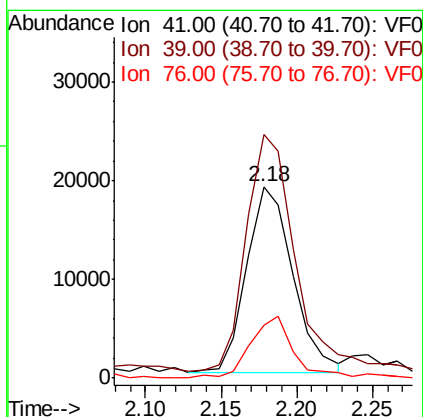
Tgt Ion: 41 Resp: 40258

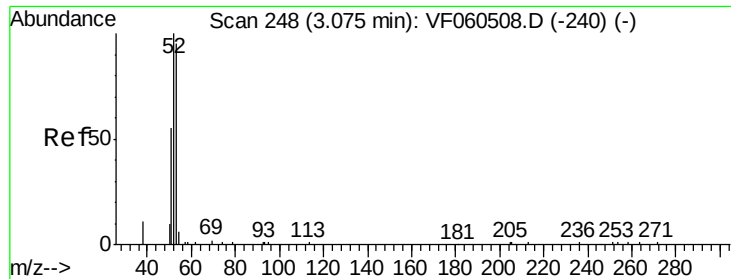
Ion Ratio Lower Upper

41 100

39 127.4 106.0 159.0

76 27.5 24.1 36.1





#15

Acrylonitrile

Concen: 52.600 ug/l

RT: 3.07 min Scan# 247

Delta R.T. -0.01 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

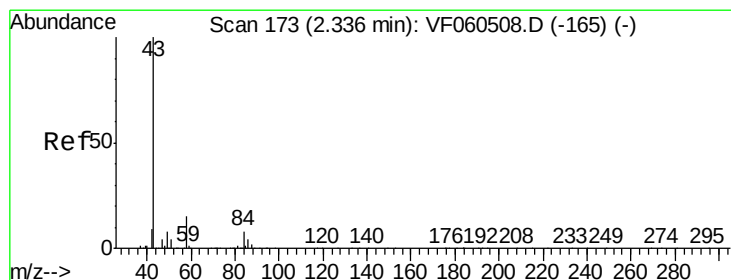
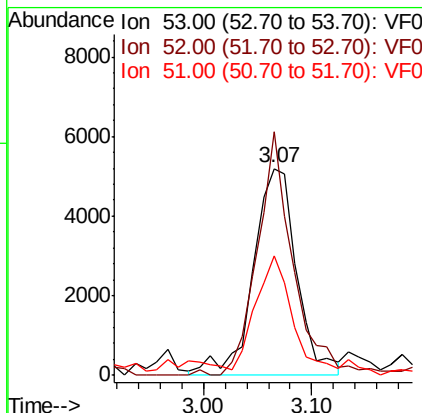
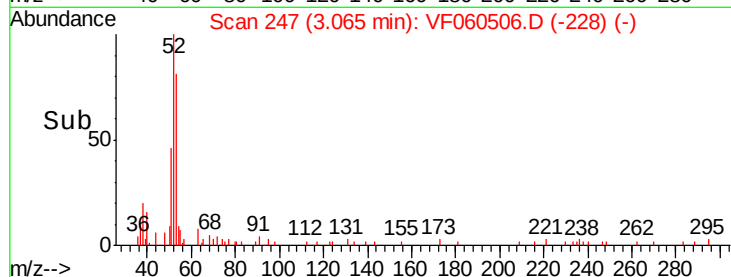
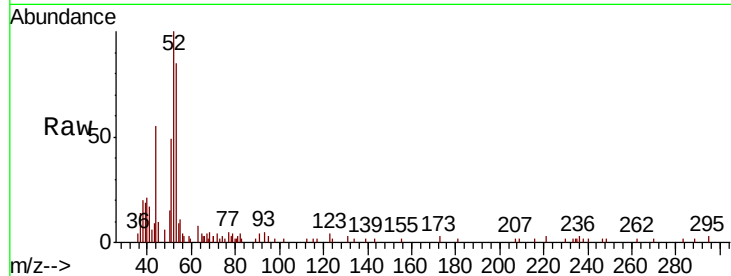
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	14640
Ion	Ratio	Lower	Upper
53	100		
52	117.9	84.0	126.0
51	57.8	48.6	73.0

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#16

Acetone

Concen: 90.669 ug/l

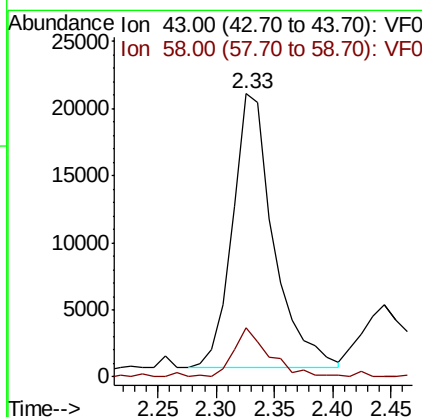
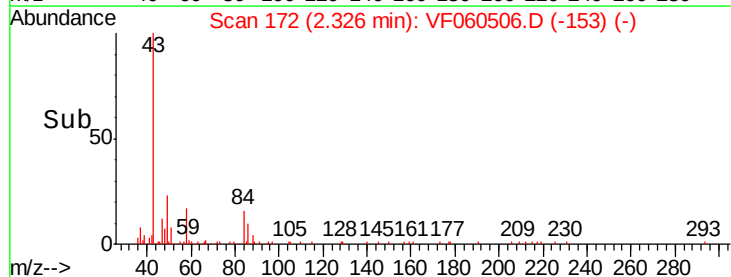
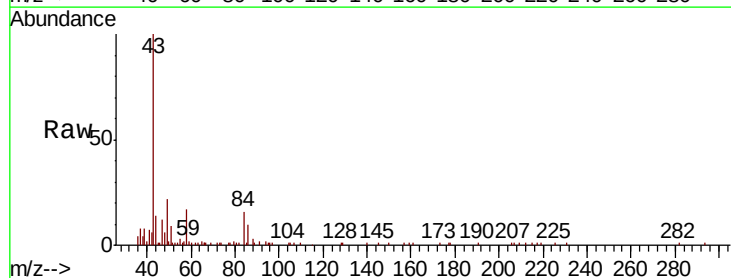
RT: 2.33 min Scan# 172

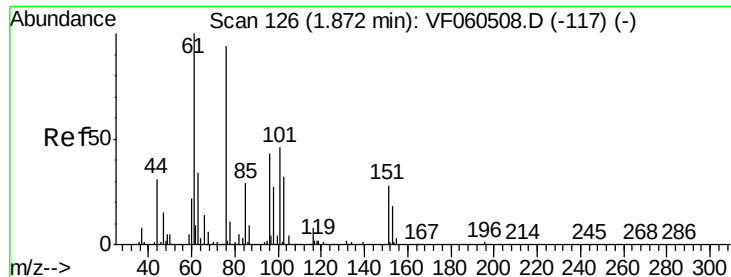
Delta R.T. -0.01 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Tgt Ion:	43	Resp:	50128
Ion	Ratio	Lower	Upper
43	100		
58	17.3	11.7	17.5





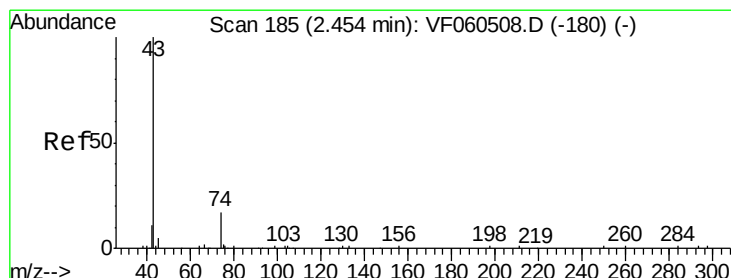
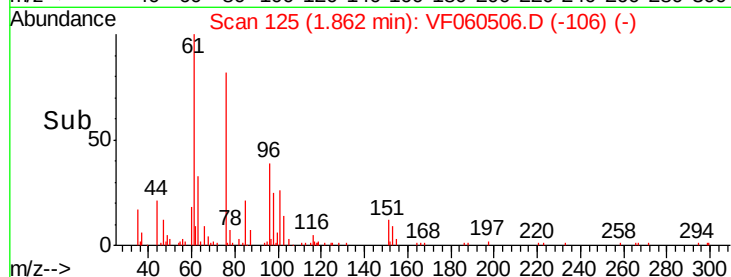
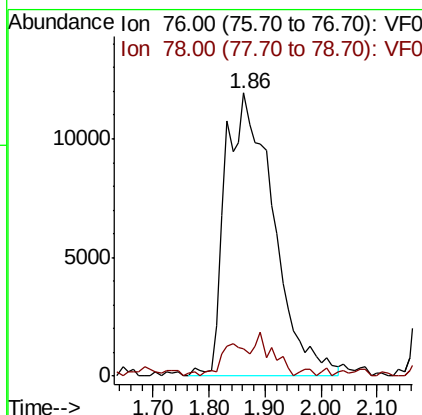
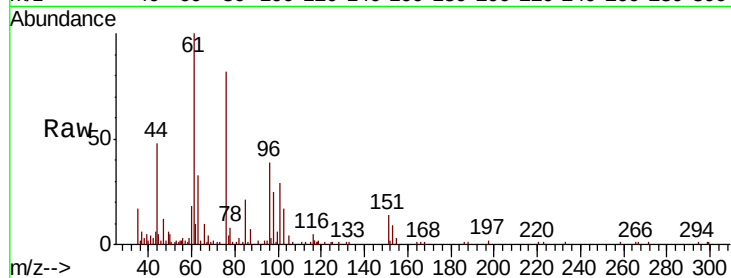
#17
Carbon Disulfide
Concen: 12.451 ug/l
RT: 1.86 min Scan# 125
Delta R.T. -0.01 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	9.2	13.8

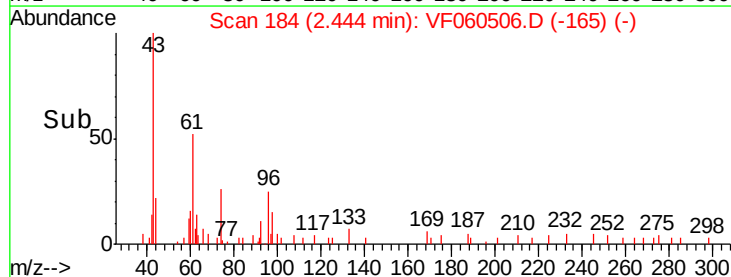
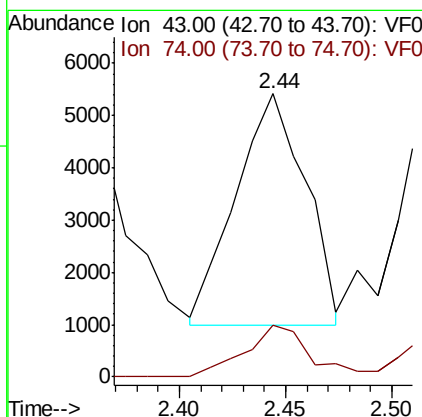
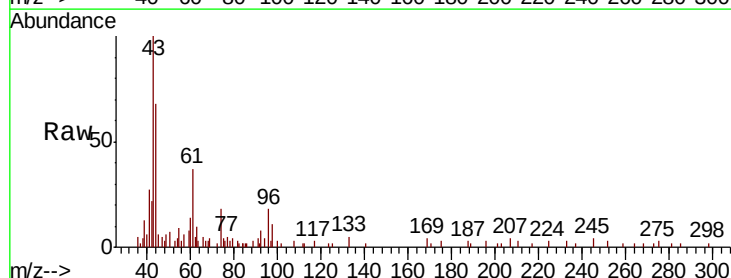
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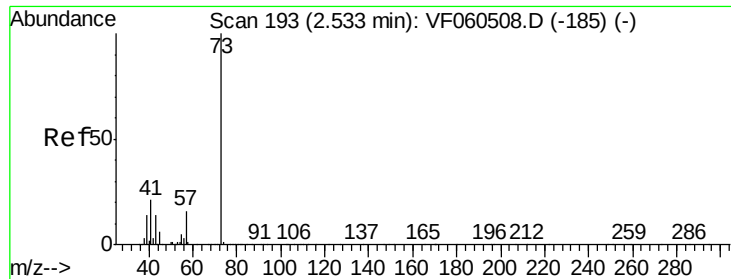
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#18
Methyl Acetate
Concen: 9.678 ug/l m
RT: 2.44 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.4	12.1	18.1#





#19

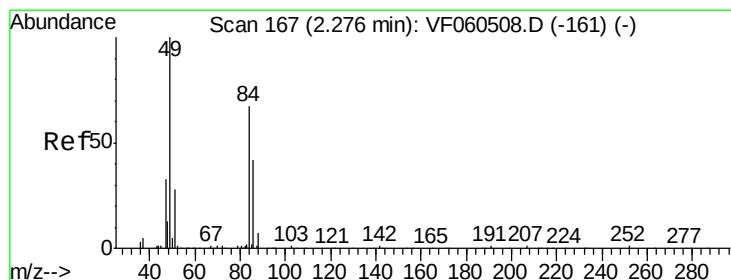
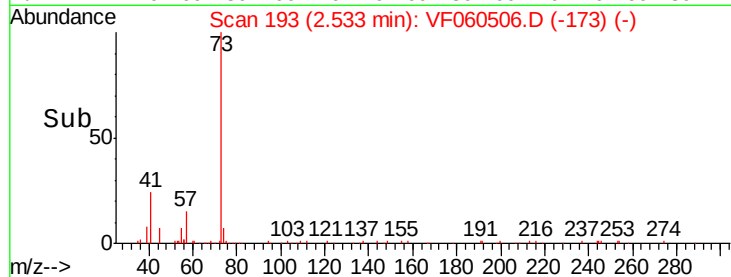
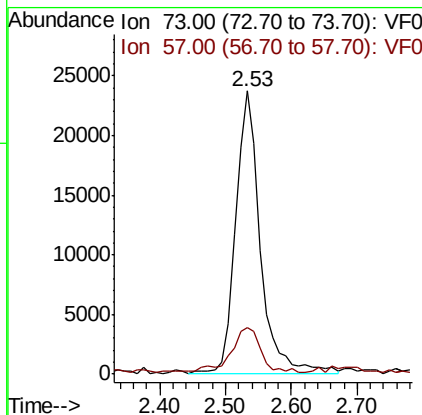
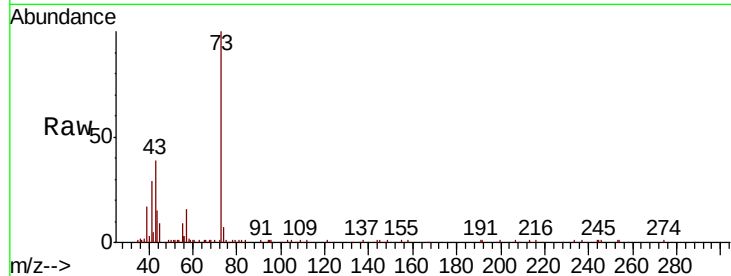
Methyl tert-butyl Ether
 Concen: 13.620 ug/l
 RT: 2.53 min Scan# 193
 Delta R.T. 0.00 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
73	100		
57	16.3	13.3	19.9

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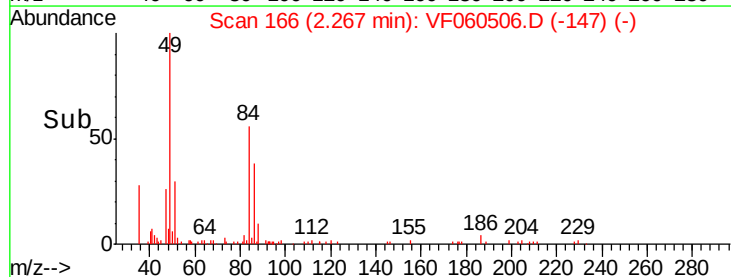
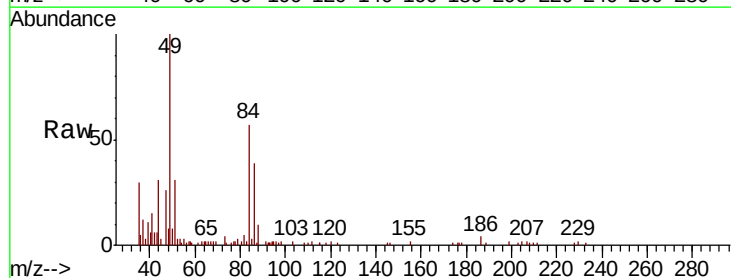
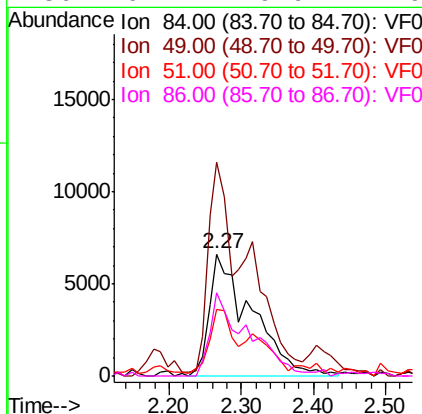
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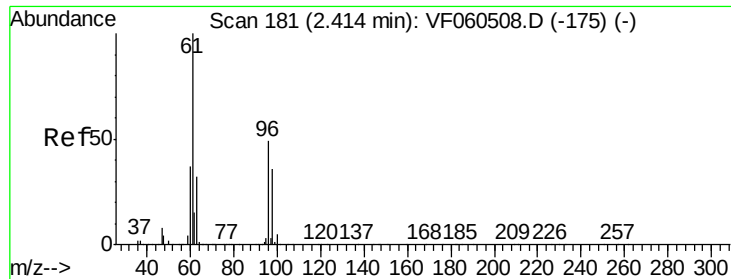


#20

Methylene Chloride
 Concen: 13.913 ug/l
 RT: 2.27 min Scan# 166
 Delta R.T. -0.01 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	174.8	123.1	184.7
51	54.7	35.3	52.9
86	67.7	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 13.164 ug/l

RT: 2.40 min Scan# 180

Delta R.T. -0.01 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

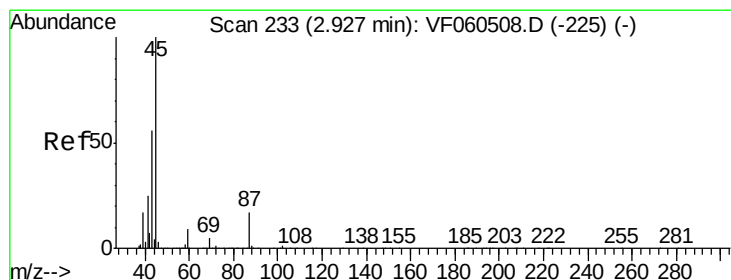
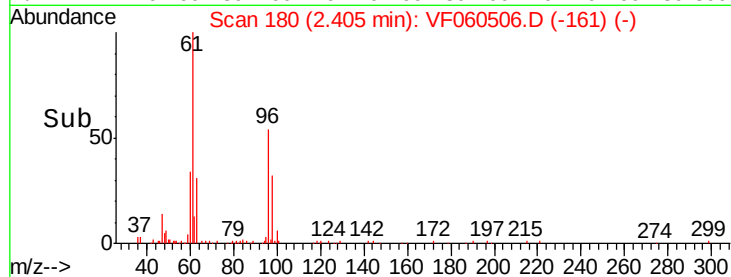
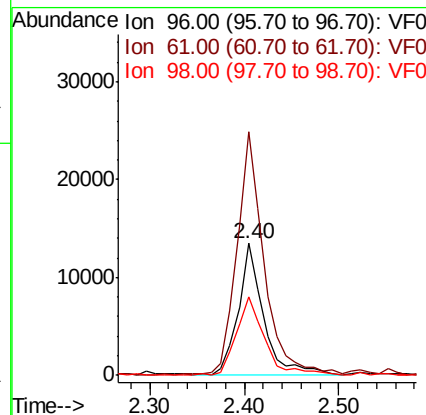
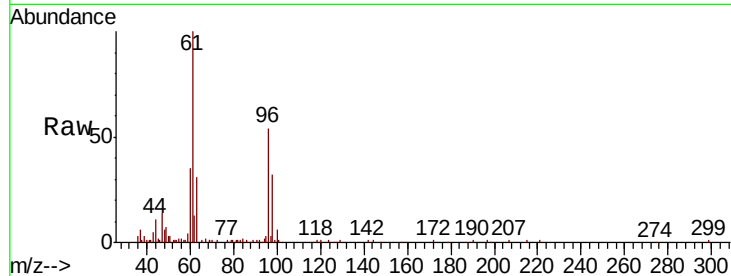
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	25245
Ion Ratio	Lower	Upper	
96	100		
61	184.9	162.5	243.7
98	60.1	58.5	87.7

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#22

Diisopropyl ether

Concen: 11.202 ug/l

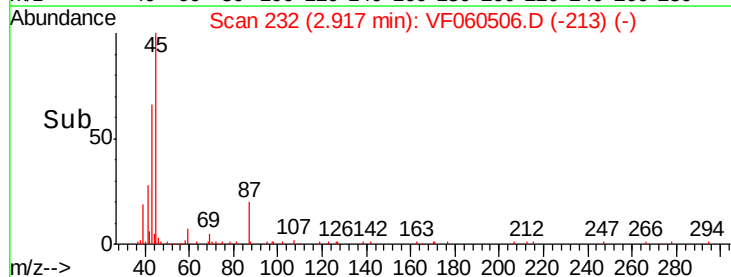
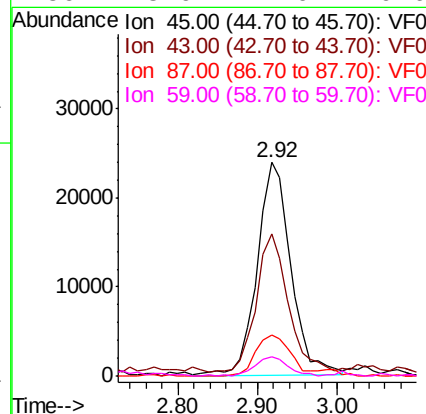
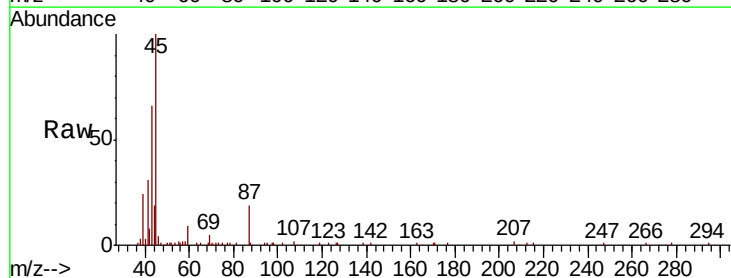
RT: 2.92 min Scan# 232

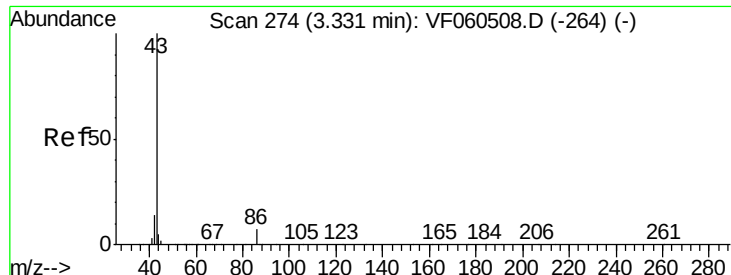
Delta R.T. -0.01 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Tgt Ion:	45	Resp:	69737
Ion Ratio	Lower	Upper	
45	100		
43	66.5	45.2	67.8
87	19.2	13.4	20.2
59	8.9	7.0	10.6





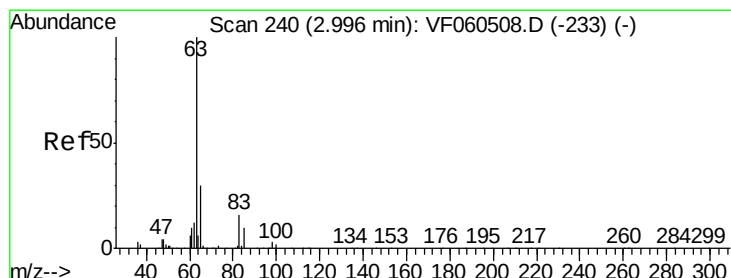
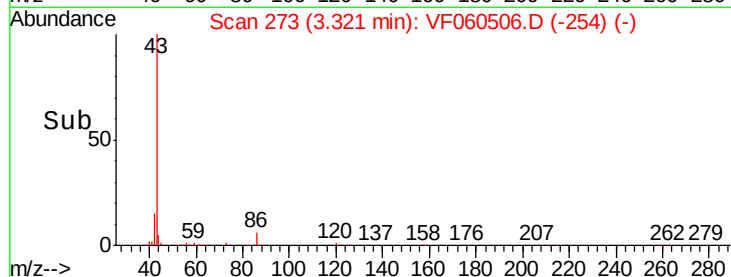
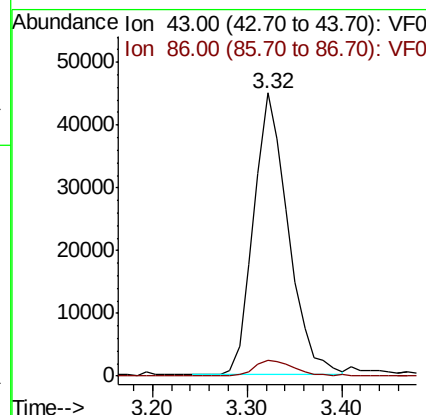
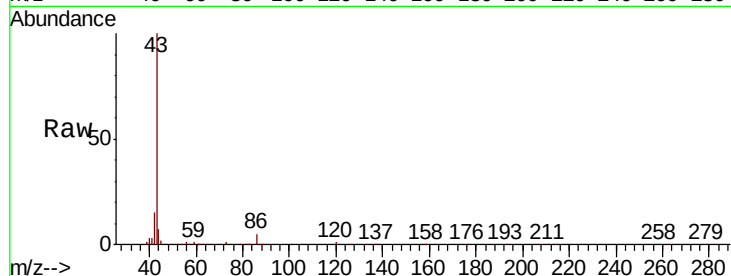
#23
 Vinyl Acetate
 Concen: 52.444 ug/l
 RT: 3.32 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

Tot Ion	43	Resp	114295
Ion Ratio	100	Lower	Upper
43	100		
86	5.4	5.3	7.9

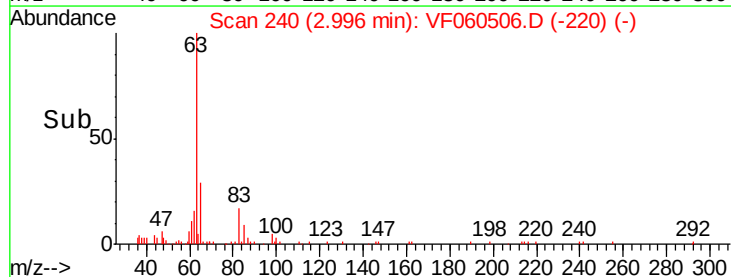
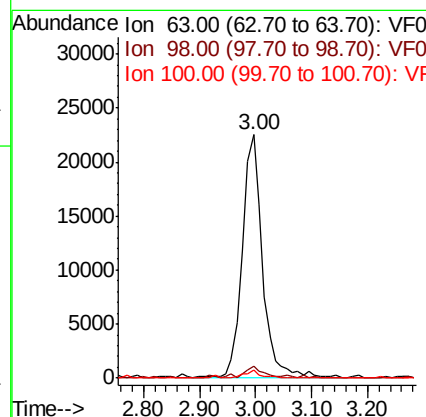
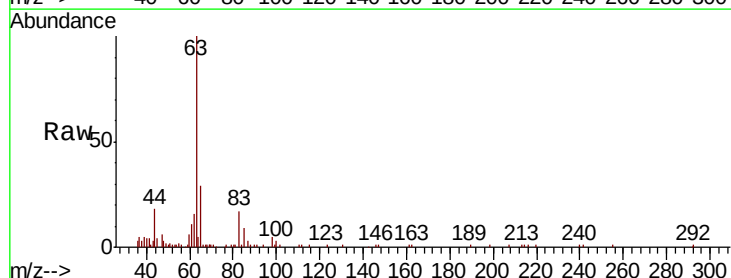
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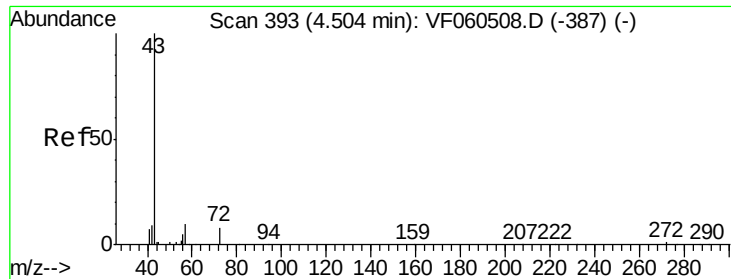
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#24
 1,1-Dichloroethane
 Concen: 13.620 ug/l
 RT: 3.00 min Scan# 240
 Delta R.T. 0.00 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Tgt Ion	63	Resp	56904
Ion Ratio	100	Lower	Upper
63	100		
98	4.7	1.7	5.0
100	3.1	1.1	3.3





#25

2-Butanone

Concen: 55.865 ug/l

RT: 4.50 min Scan# 393

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 33621

Ion Ratio Lower Upper

43 100

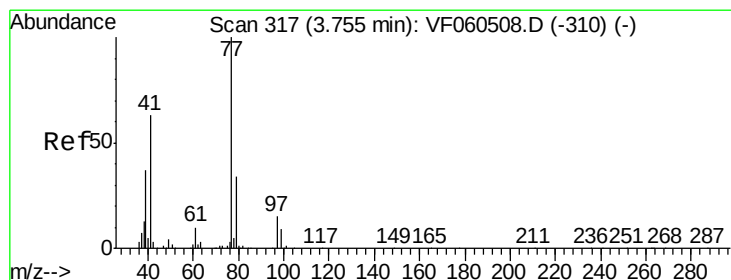
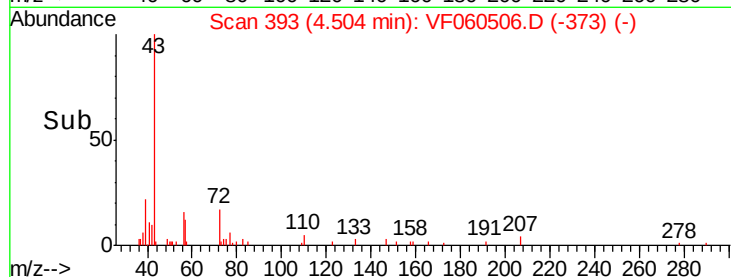
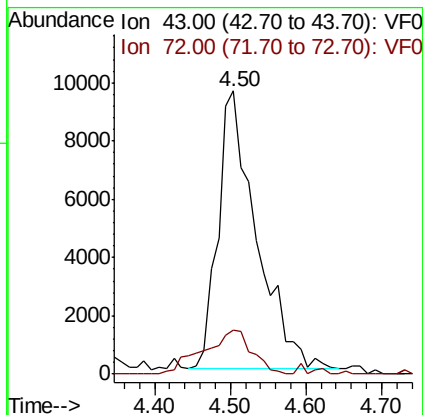
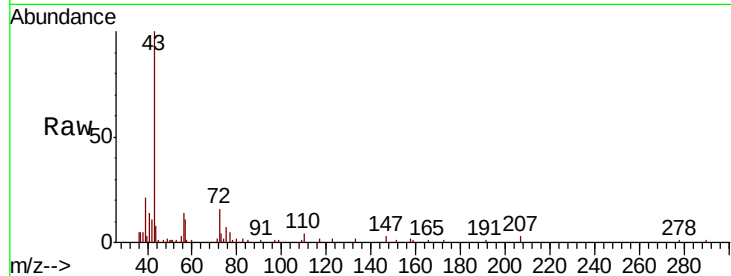
72 15.7 13.0 19.6

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#26

2,2-Dichloropropane

Concen: 17.523 ug/l

RT: 3.76 min Scan# 317

Delta R.T. 0.00 min

Lab File: VF060506.D

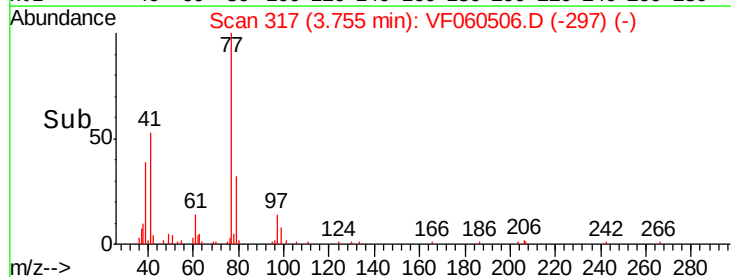
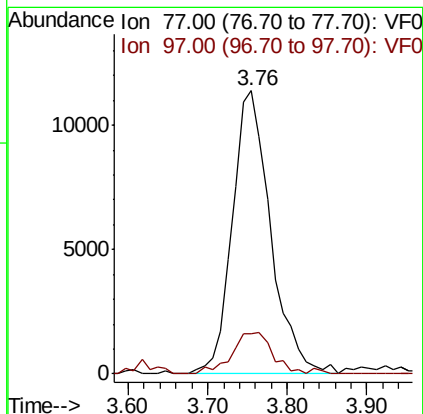
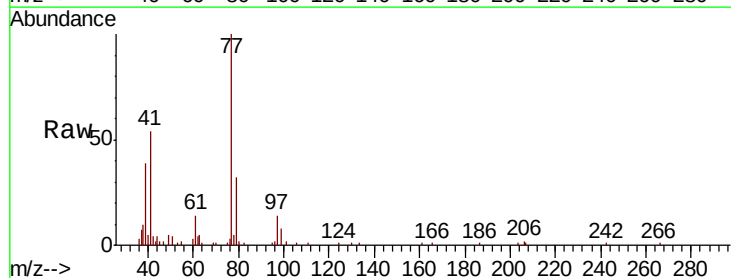
Acq: 25 Oct 2018 14:36

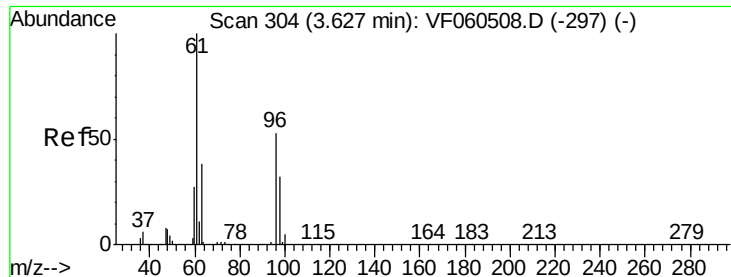
Tgt Ion: 77 Resp: 38171

Ion Ratio Lower Upper

77 100

97 14.2 7.9 23.7





#27

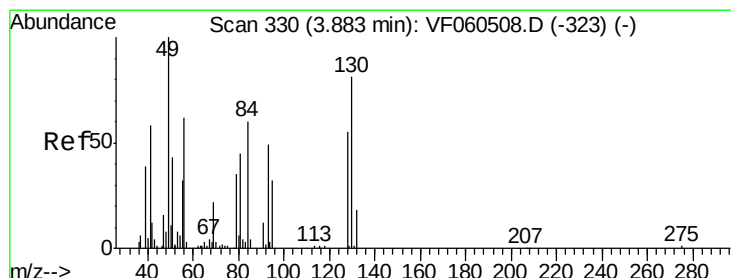
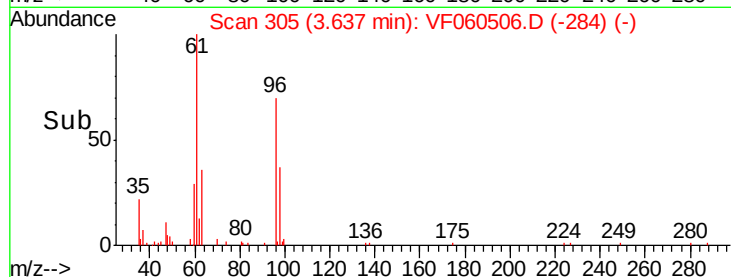
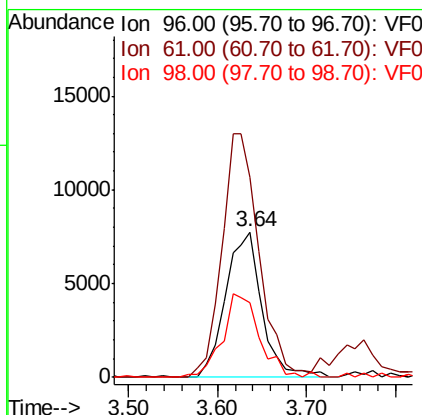
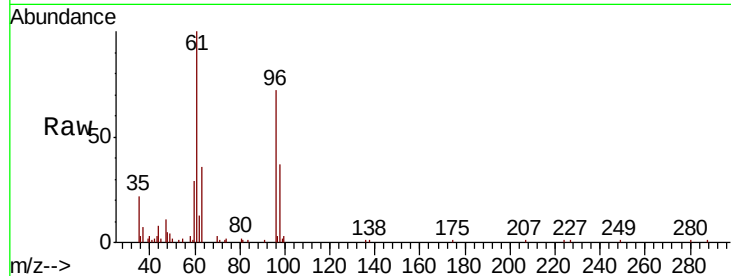
cis-1,2-Dichloroethene
 Concen: 9.834 ug/l
 RT: 3.64 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	377.0
98	51.4	0.0	122.4

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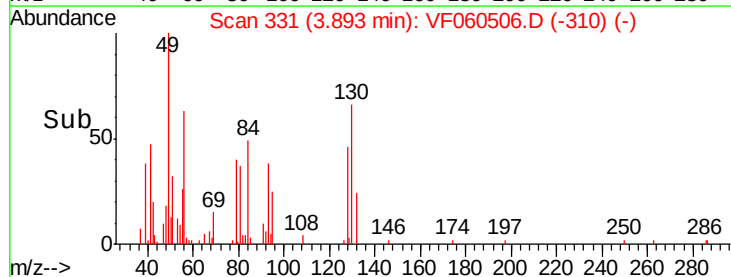
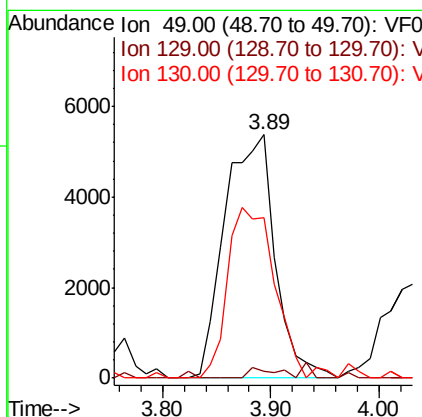
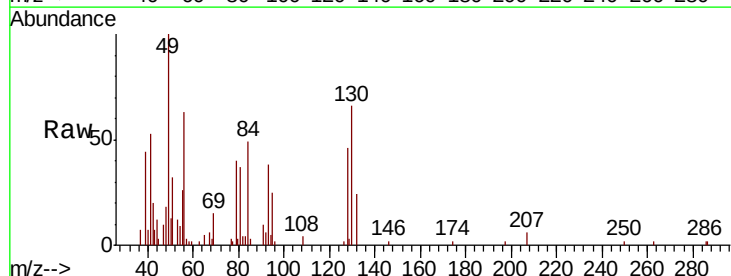
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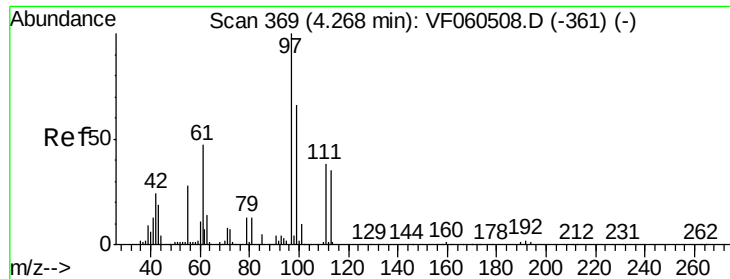


#28

Bromochloromethane
 Concen: 11.950 ug/l
 RT: 3.89 min Scan# 331
 Delta R.T. 0.01 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	2.0#
130	66.1	65.0	97.4





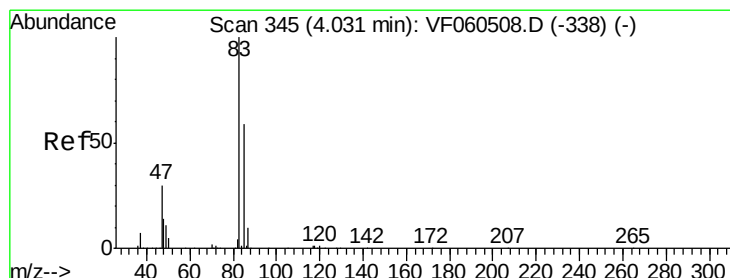
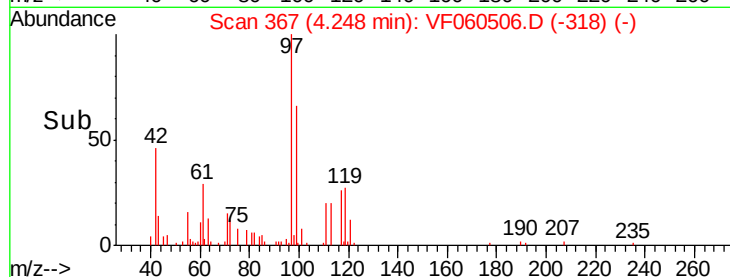
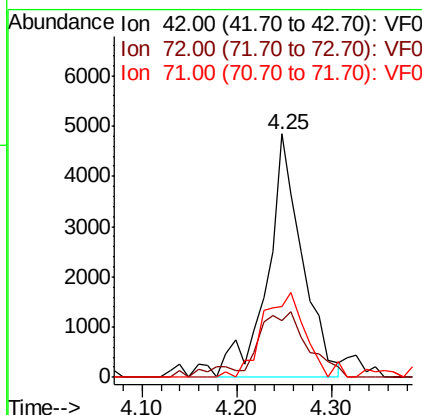
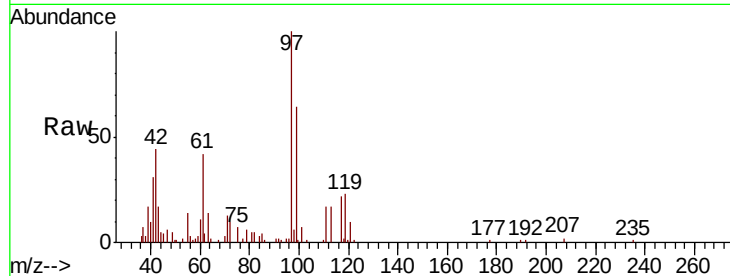
#29
Tetrahydrofuran
Concen: 49.780 ug/l
RT: 4.25 min Scan# 367
Delta R.T. -0.02 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.8	32.1	48.1
71	42.4	29.7	44.5

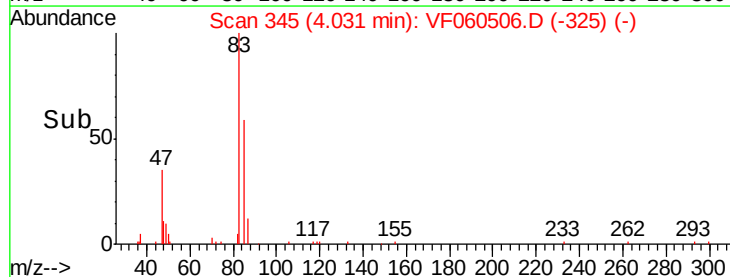
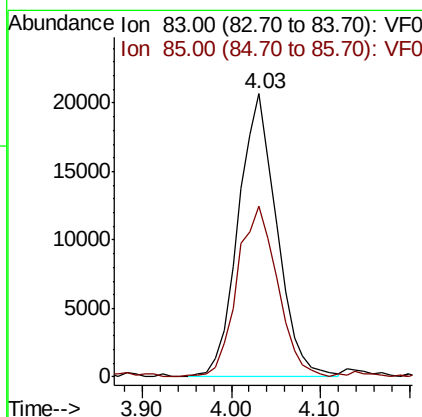
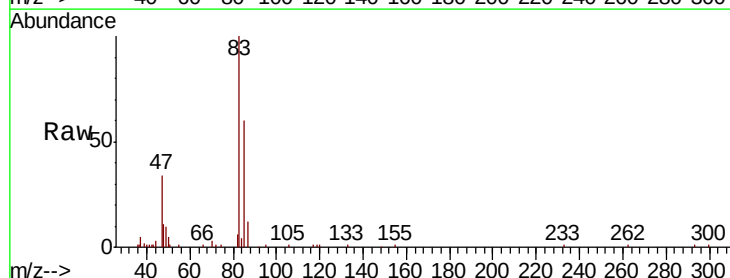
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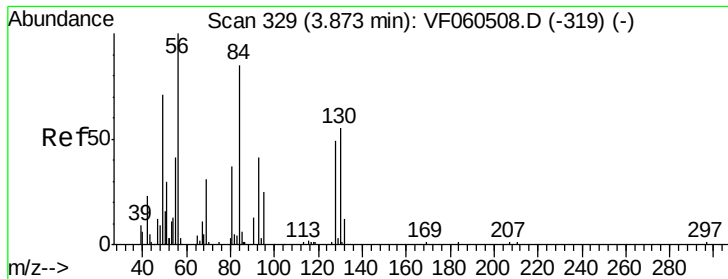
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#30
Chloroform
Concen: 12.844 ug/l
RT: 4.03 min Scan# 345
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.2	47.4	71.2





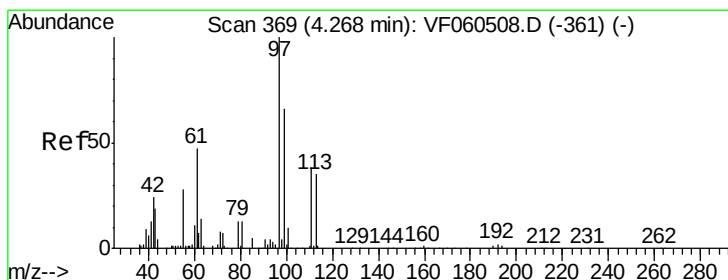
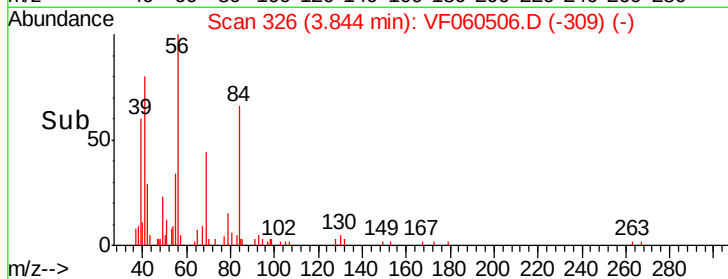
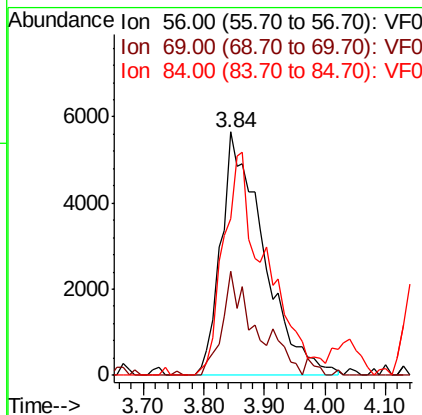
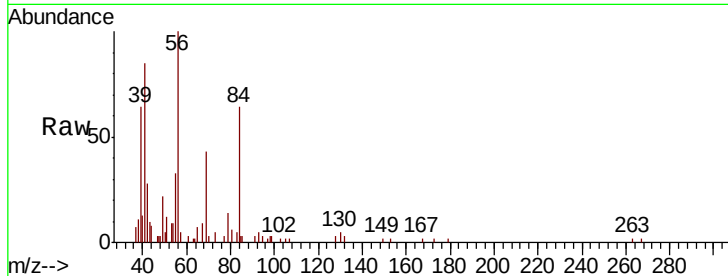
#31
Cyclohexane
Concen: 10.320 ug/l
RT: 3.84 min Scan# 326
Delta R.T. -0.03 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	42.8	24.6	37.0#
84	64.3	68.2	102.2#

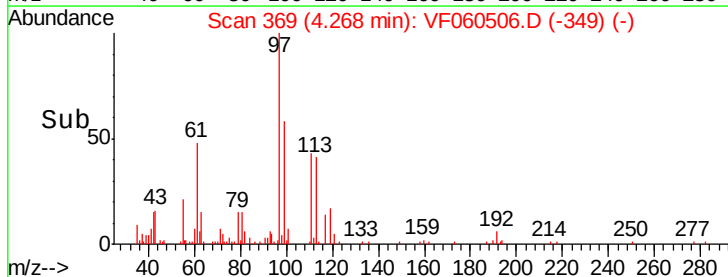
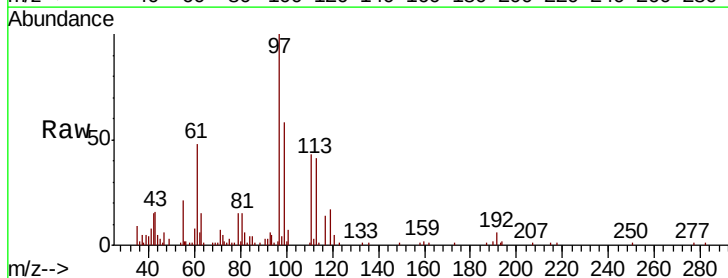
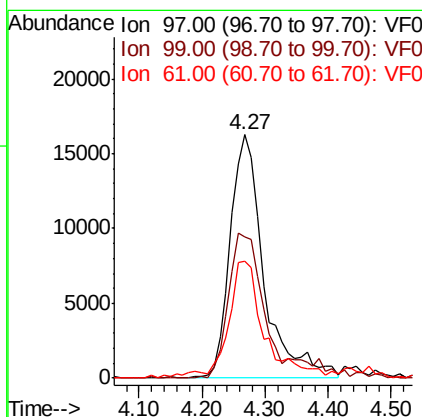
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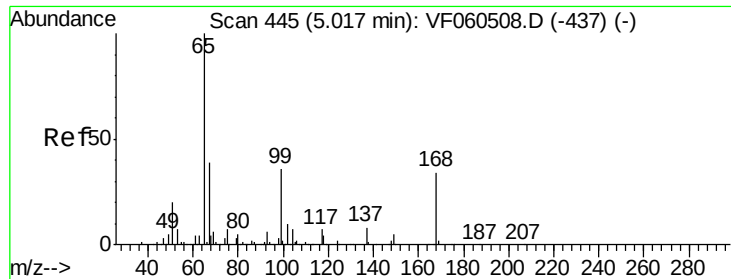
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#32
1,1,1-Trichloroethane
Concen: 15.838 ug/l
RT: 4.27 min Scan# 369
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	58.1	53.0	79.6
61	48.1	37.9	56.9





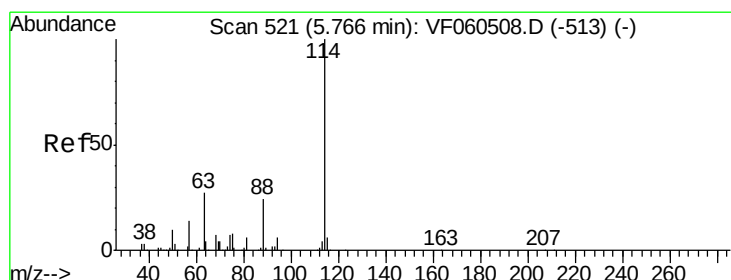
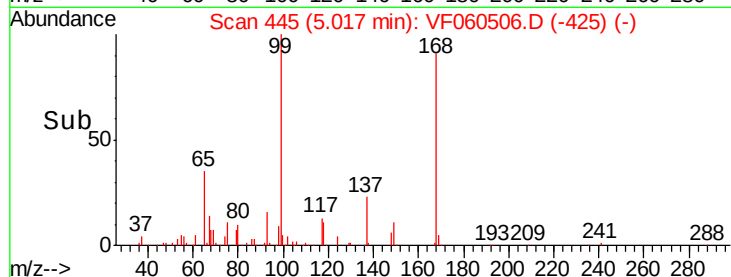
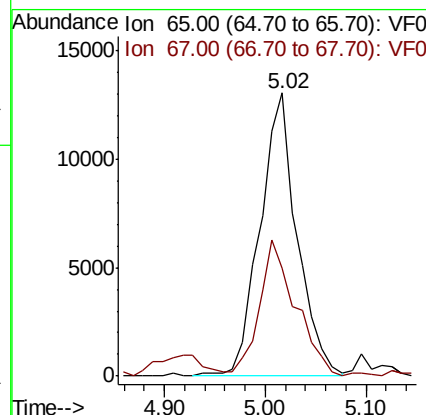
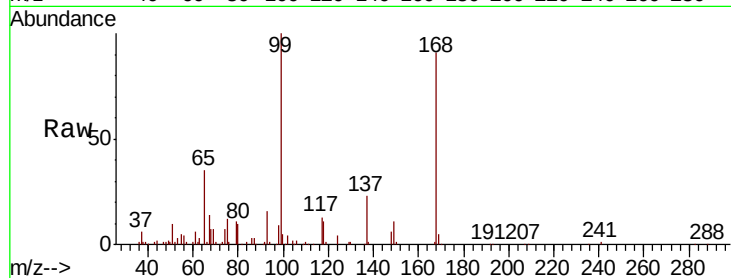
#33
 1,2-Dichloroethane-d4
 Concen: 13.207 ug/l
 RT: 5.02 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
67	38.3	0.0	85.8

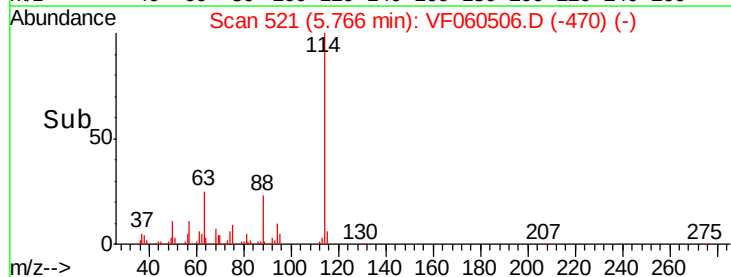
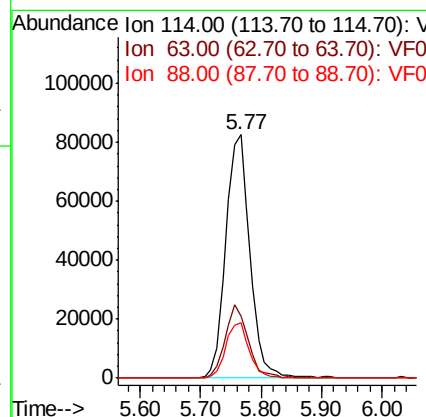
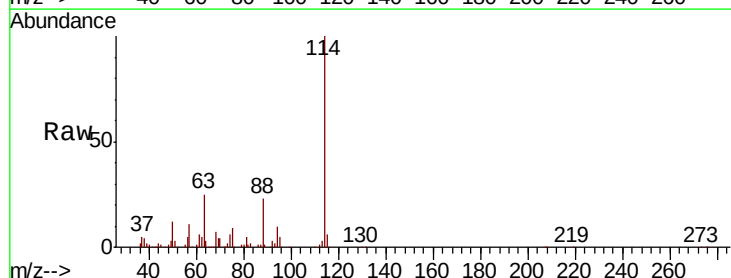
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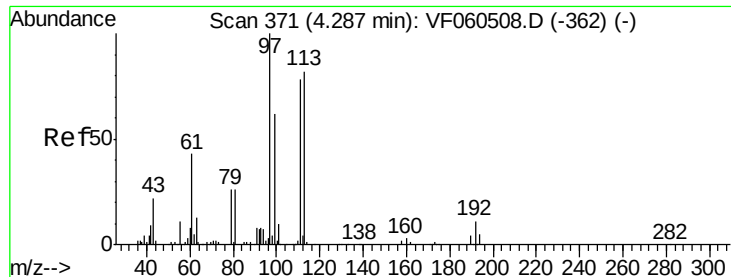
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	54.4
88	22.7	0.0	47.2





#35

Dibromofluoromethane

Concen: 13.825 ug/l

RT: 4.29 min Scan# 371

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

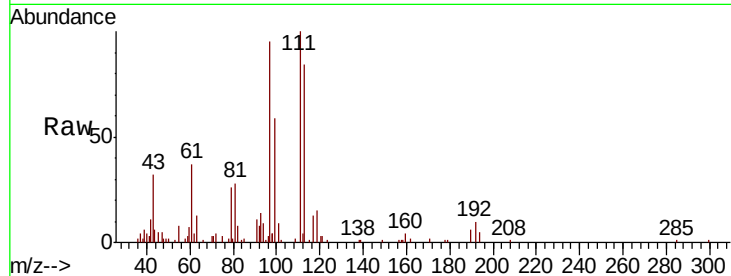
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	118.4	75.9	113.9#
192	11.4	10.6	15.8

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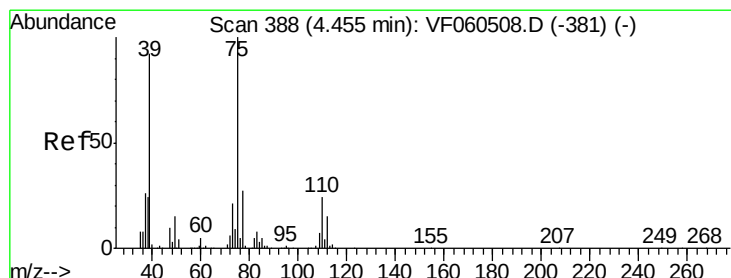
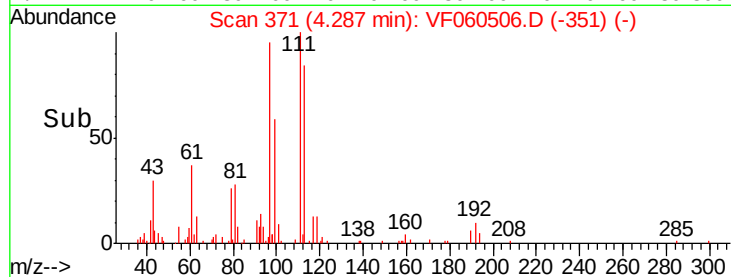
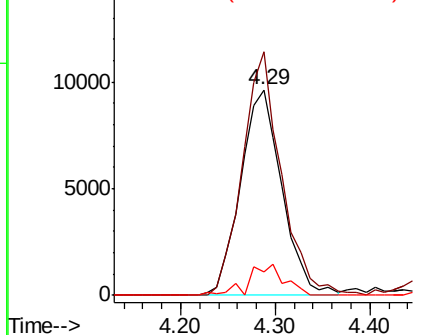


Abundance

Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 13.833 ug/l

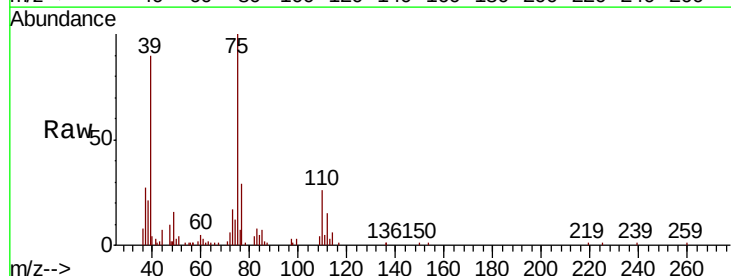
RT: 4.45 min Scan# 388

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	25.6	12.1	36.3
77	28.7	21.8	32.6

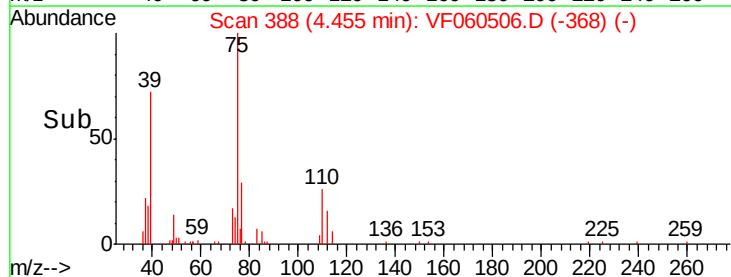
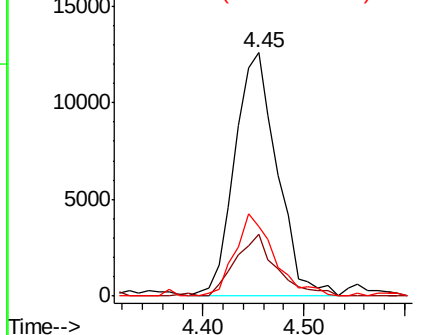


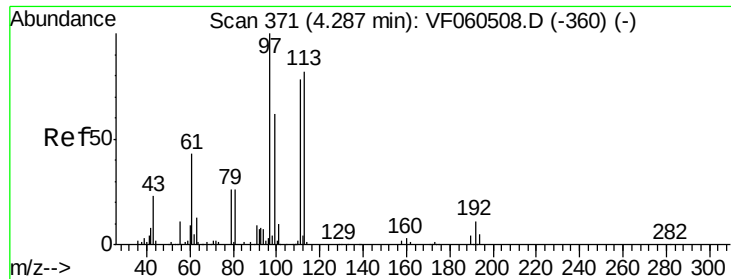
Abundance

Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: 14.283 ug/l

RT: 4.29 min Scan# 371

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

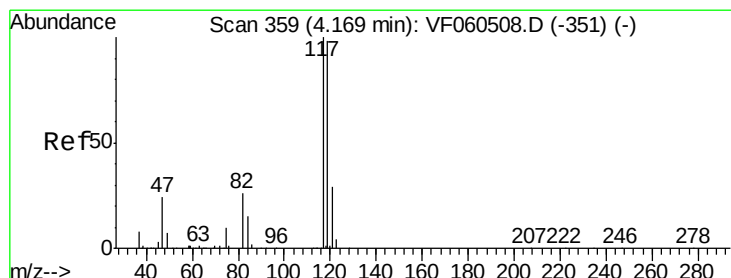
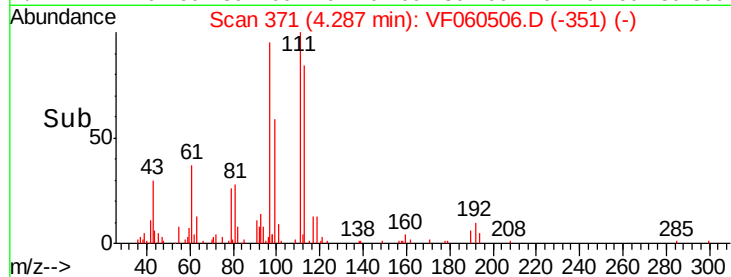
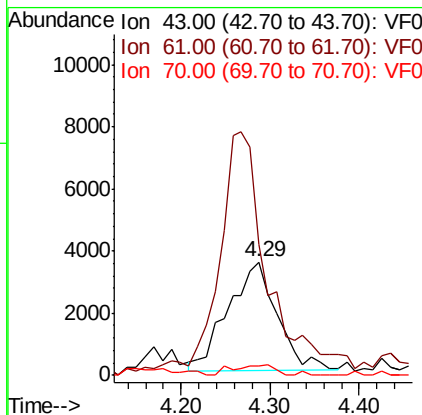
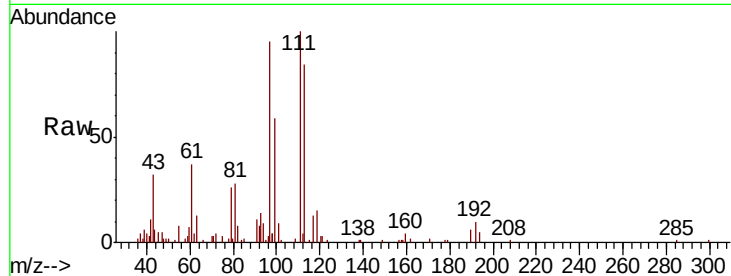
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	13484
Ion Ratio	Lower	Upper	
43	100		
61	115.3	148.5	222.7#
70	8.8	4.7	7.1#

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#38

Carbon Tetrachloride

Concen: 20.931 ug/l

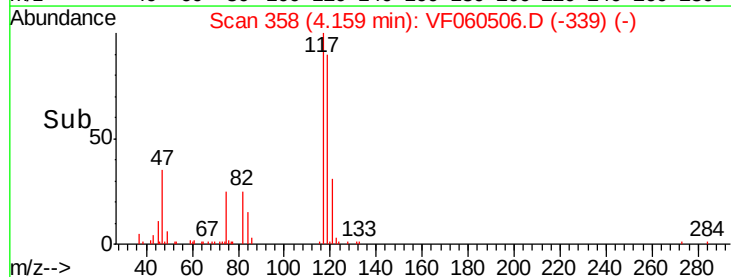
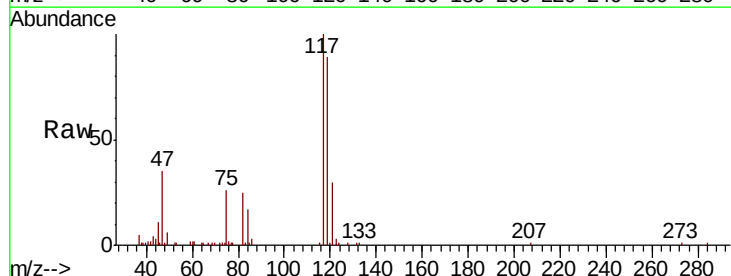
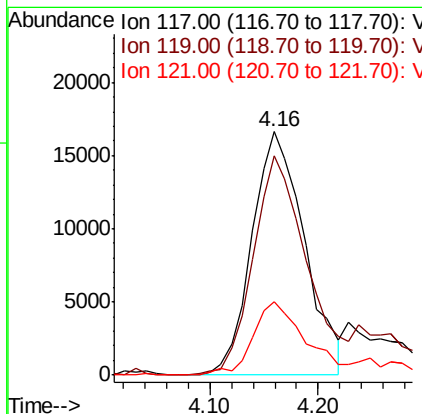
RT: 4.16 min Scan# 358

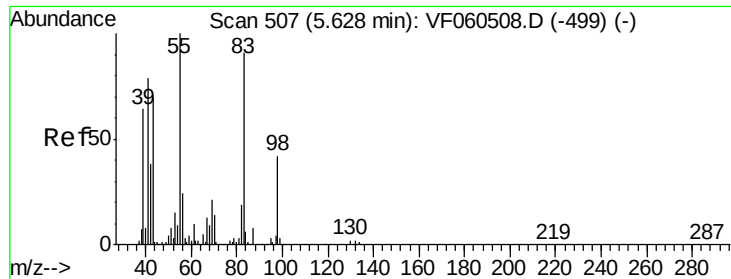
Delta R.T. -0.01 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Tgt Ion:	117	Resp:	56196
Ion Ratio	Lower	Upper	
117	100		
119	89.9	78.3	117.5
121	30.3	23.3	34.9





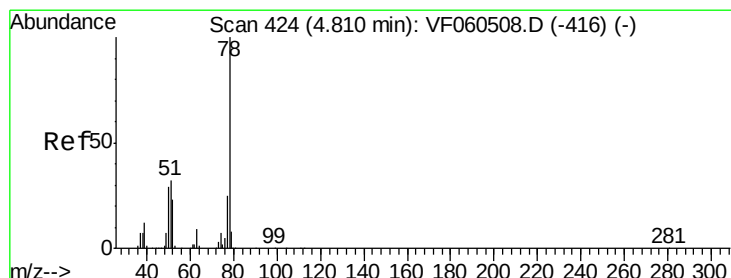
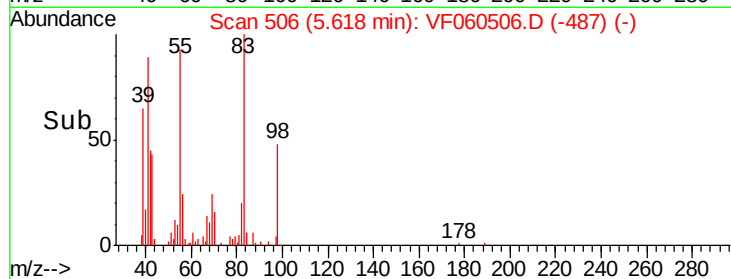
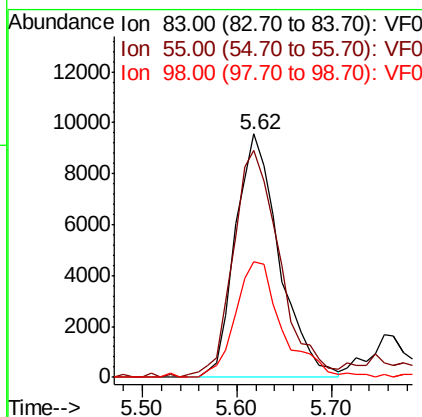
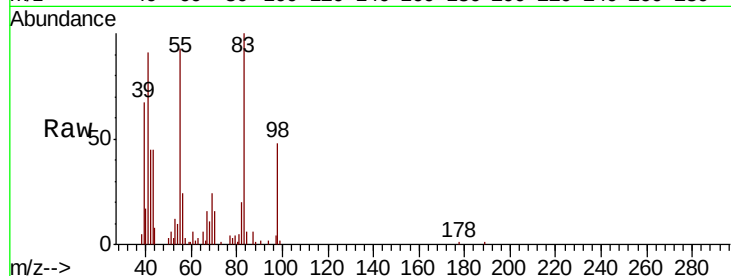
#39
Methylvlcyclohexane
Concen: 12.193 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.01 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	93.1	87.9	131.9
98	47.7	37.0	55.6

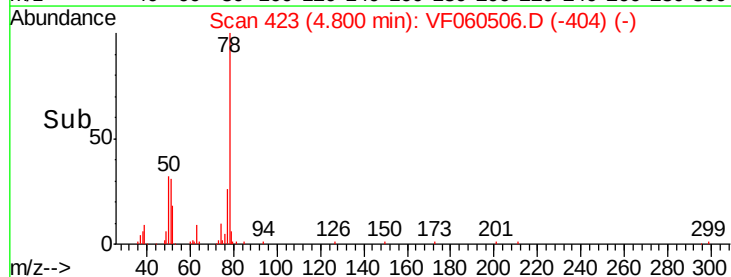
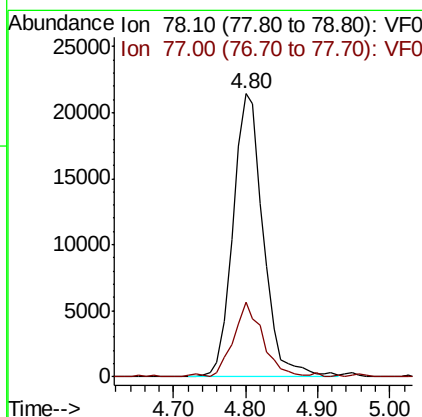
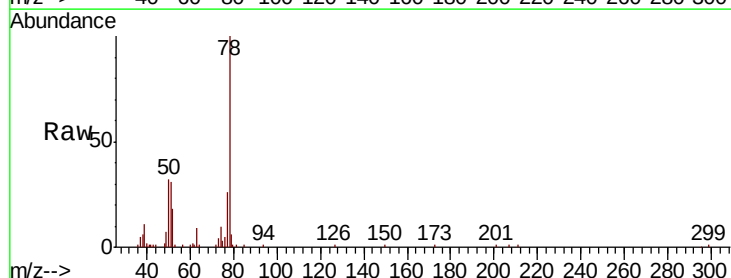
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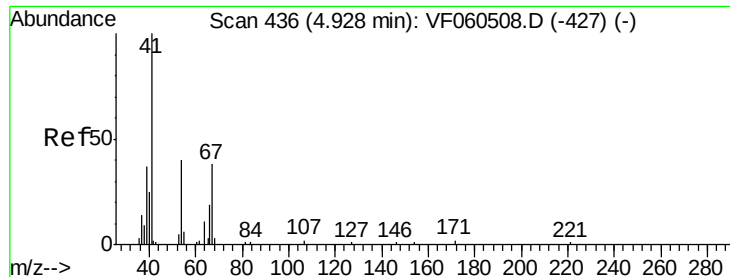
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#40
Benzene
Concen: 11.432 ug/l
RT: 4.80 min Scan# 423
Delta R.T. -0.01 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.4	20.2	30.4





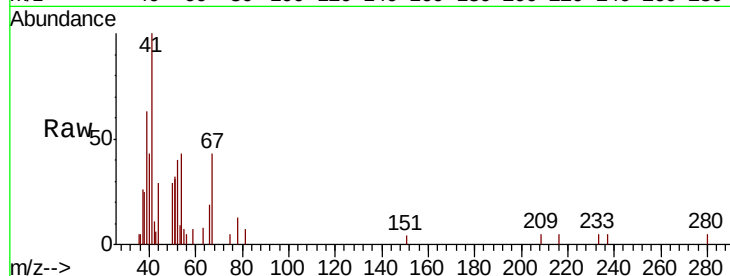
#41
Methacrylonitrile
Concen: 10.710 ug/l
RT: 4.92 min Scan# 435
Delta R.T. -0.01 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

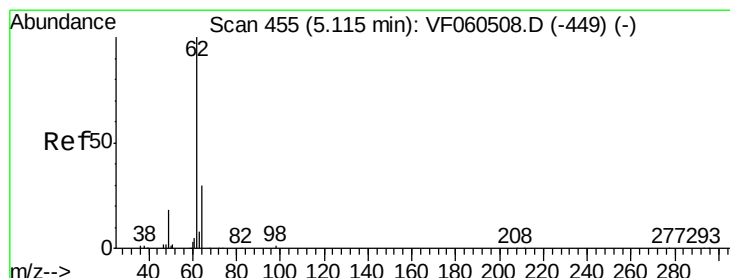
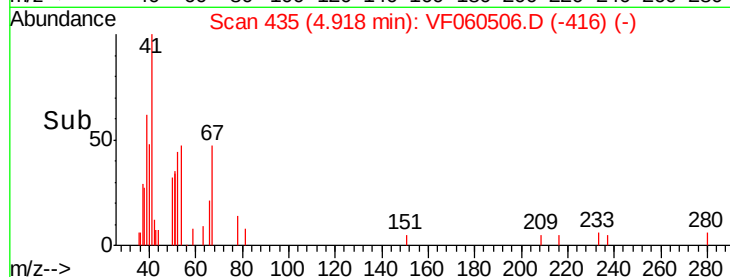
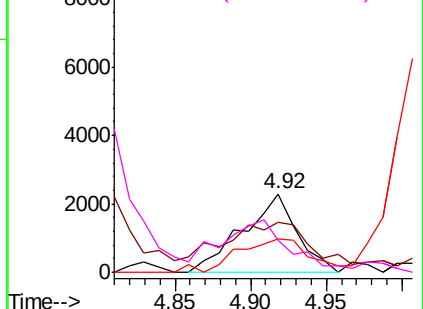
Tot Ion	Ratio	Lower	Upper
41	100		
39	63.1	55.2	82.8
67	42.9	29.8	44.8
52	40.2	37.0	55.6

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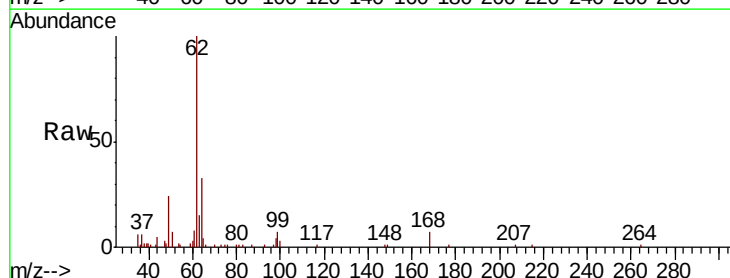


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0

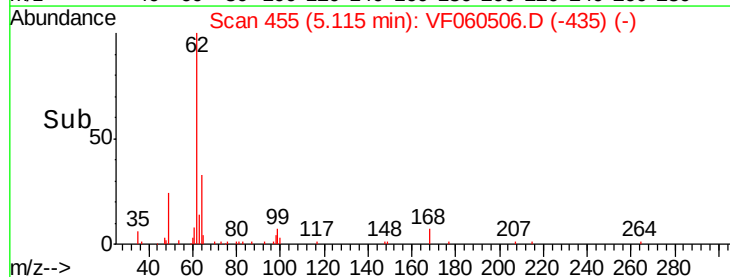
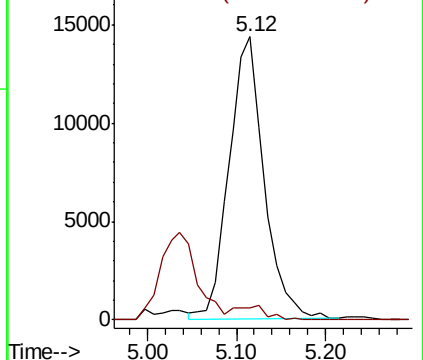


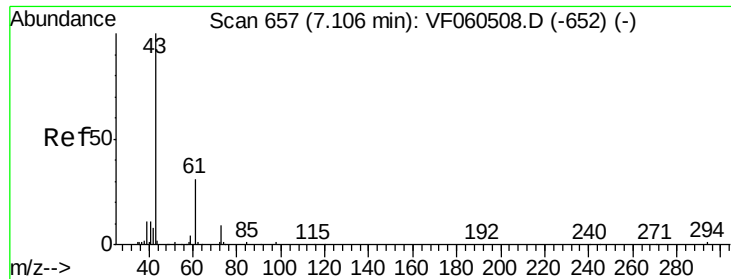
#42
1,2-Dichloroethane
Concen: 15.740 ug/l
RT: 5.12 min Scan# 455
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.5	0.0	9.4



Abundance Ion 62.00 (61.70 to 62.70): VF0
Ion 98.00 (97.70 to 98.70): VF0





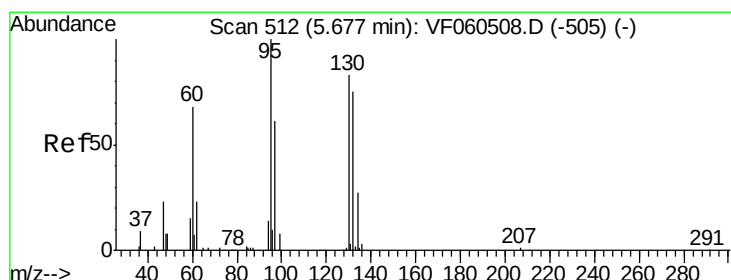
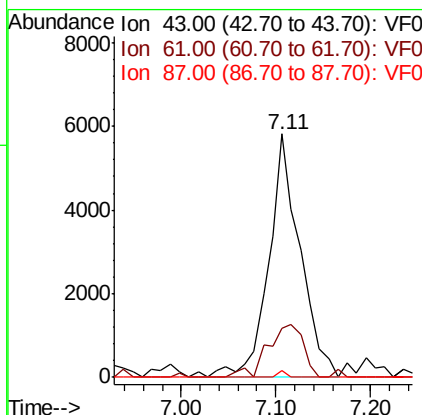
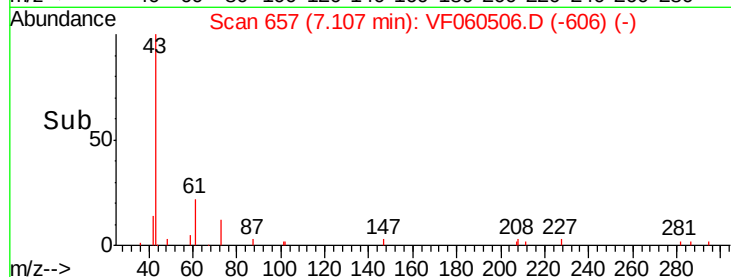
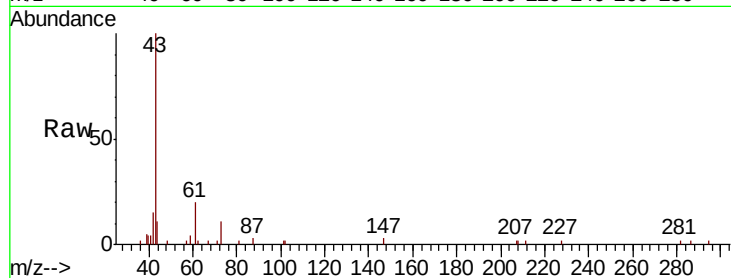
#43
Isopropyl Acetate
Concen: 11.451 ug/l
RT: 7.11 min Scan# 657
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion:	43	Resp:	13474
Ion Ratio	Lower	Upper	
43	100		
61	20.2	24.4	36.6#
87	2.9	0.0	0.0#

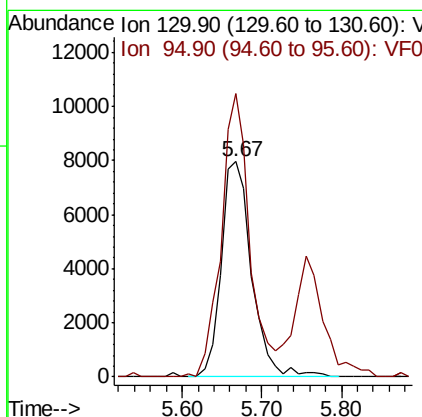
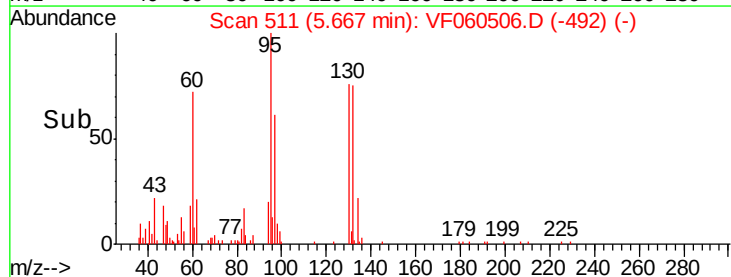
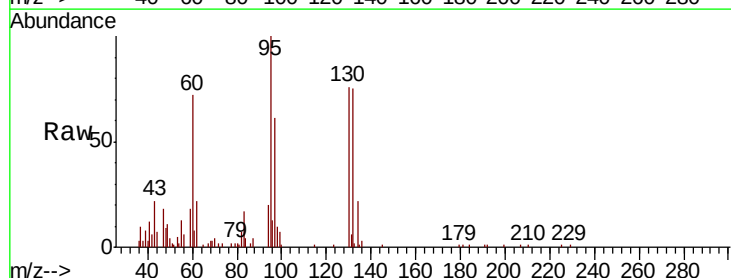
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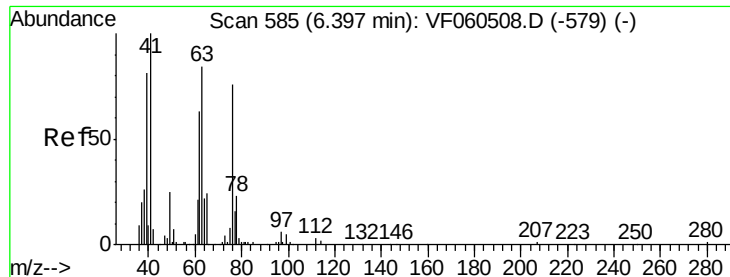
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#44
Trichloroethene
Concen: 12.476 ug/l
RT: 5.67 min Scan# 511
Delta R.T. -0.01 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion:	130	Resp:	21328
Ion Ratio	Lower	Upper	
130	100		
95	131.6	0.0	242.8





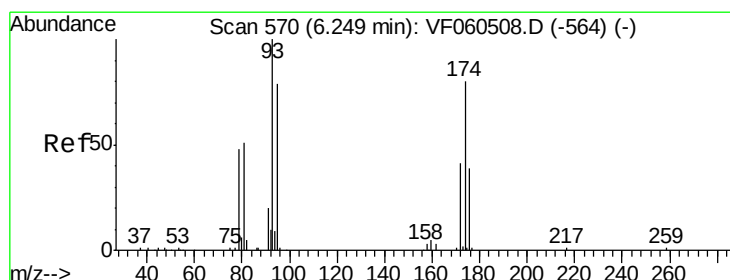
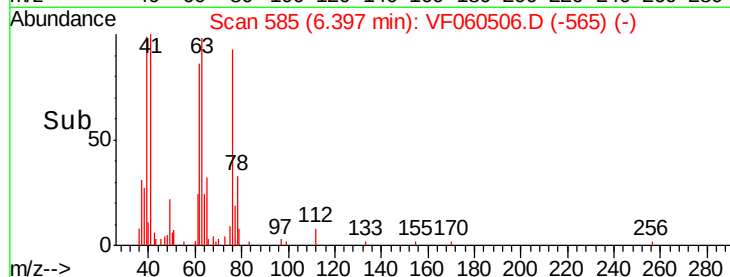
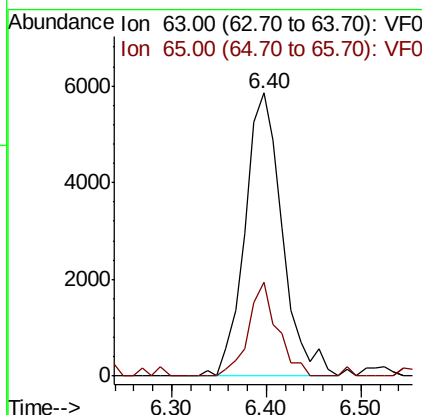
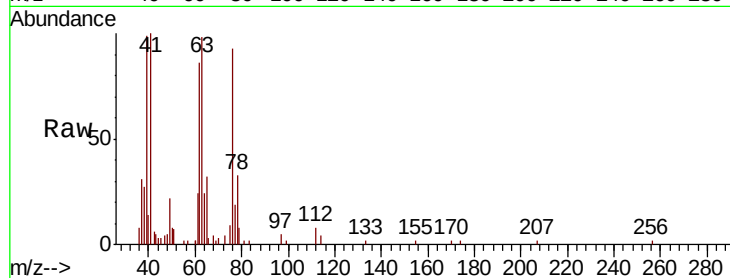
#45
 1,2-Dichloropropane
 Concen: 11.933 ug/l
 RT: 6.40 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

Tot Ion: 63 Resp: 16030
 Ion Ratio Lower Upper
 63 100
 65 33.2 22.7 34.1

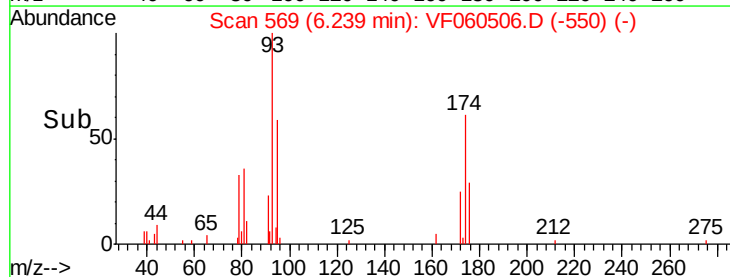
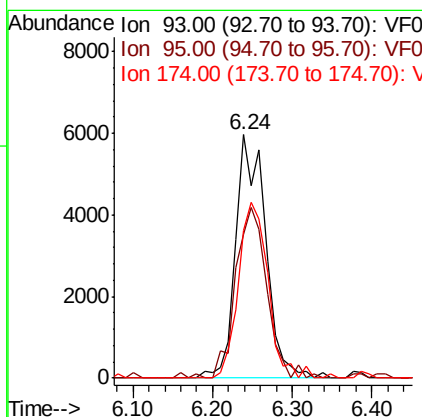
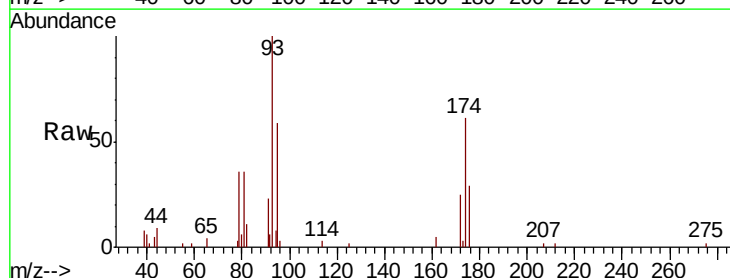
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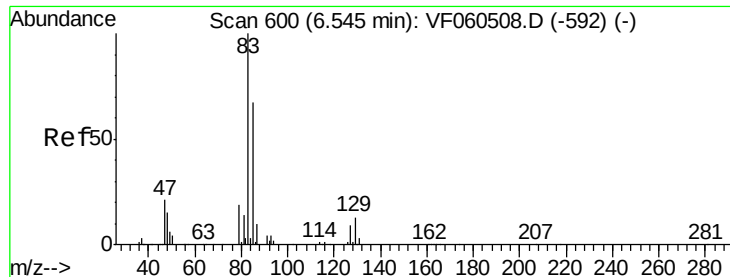
apatel
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#46
 Dibromomethane
 Concen: 14.380 ug/l
 RT: 6.24 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Tgt Ion: 93 Resp: 15495
 Ion Ratio Lower Upper
 93 100
 95 59.1 63.8 95.8#
 174 60.7 64.9 97.3#





#47

Bromodichloromethane

Concen: 14.711 ug/l

RT: 6.54 min Scan# 600

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

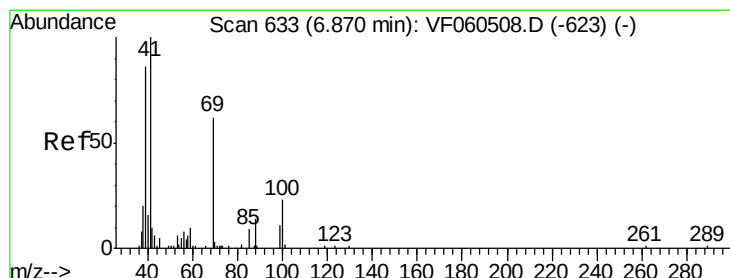
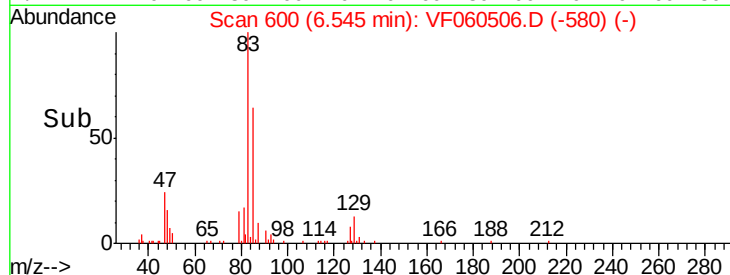
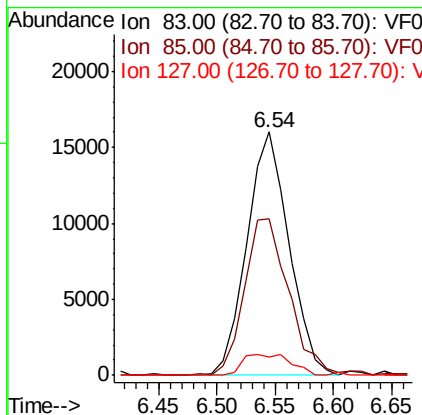
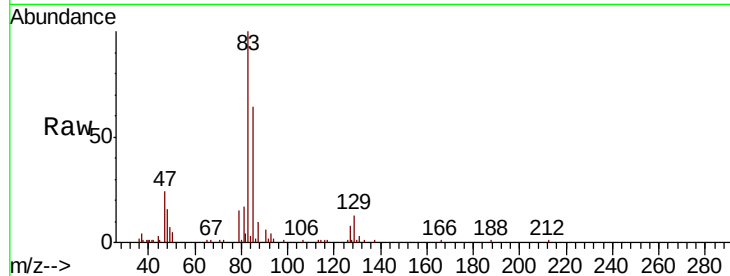
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	40036
Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.4	80.0
127	9.2	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 12.181 ug/l

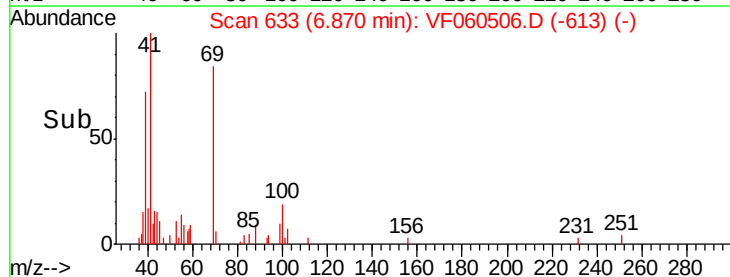
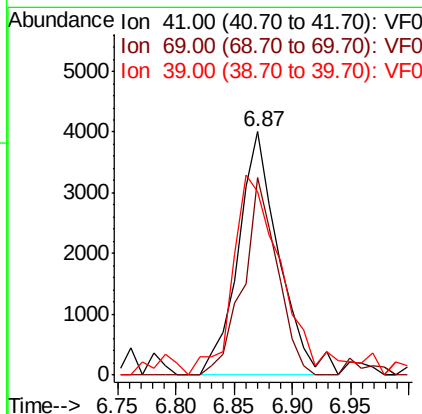
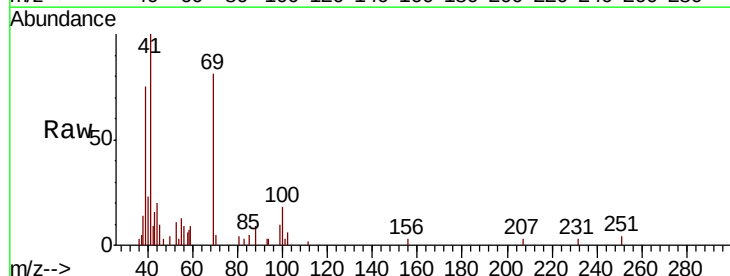
RT: 6.87 min Scan# 633

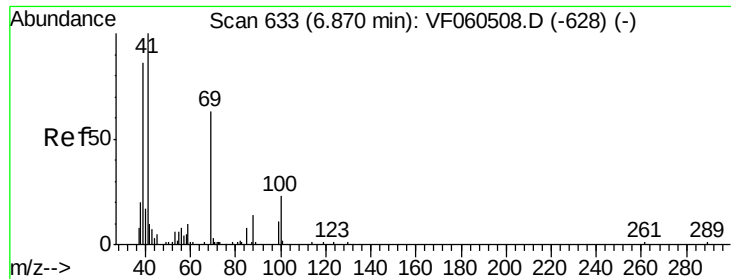
Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Tgt Ion:	41	Resp:	9709
Ion	Ratio	Lower	Upper
41	100		
69	81.2	49.6	74.4#
39	75.2	69.4	104.2





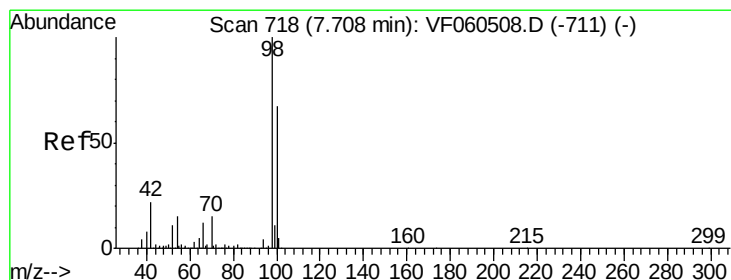
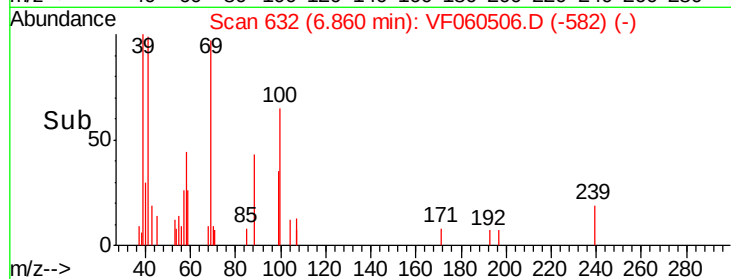
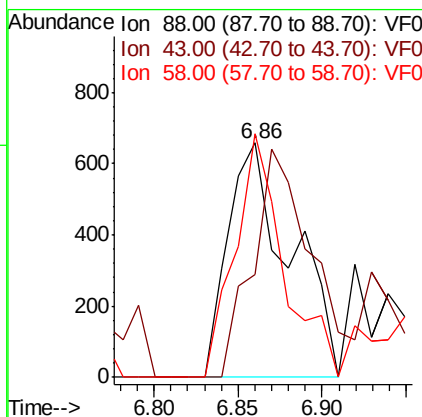
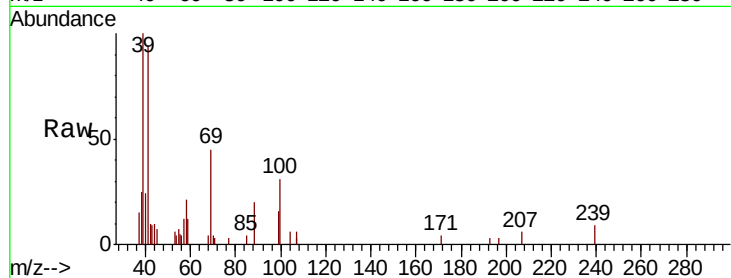
#49
1,4-Dioxane
Concen: 247.363 ug/l
RT: 6.86 min Scan# 632
Delta R.T. -0.01 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	44.0	39.3	58.9
58	103.8	35.0	52.6

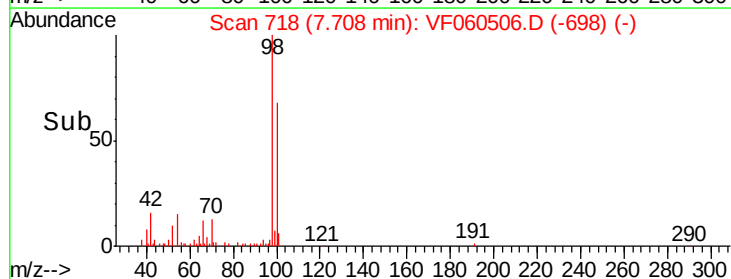
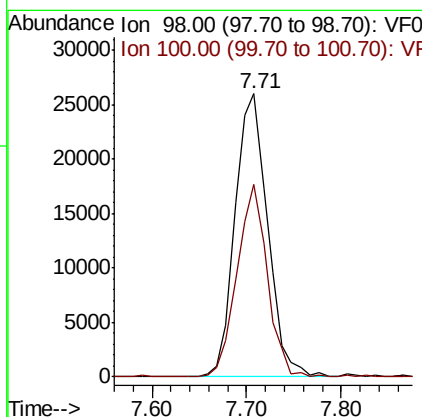
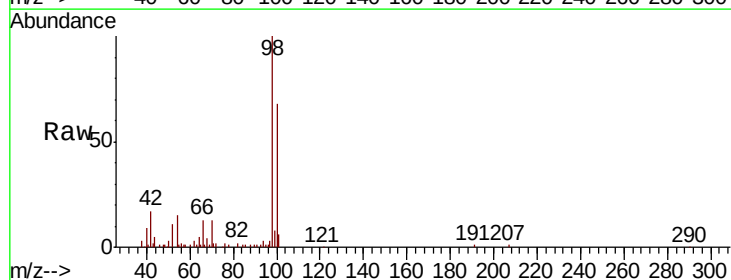
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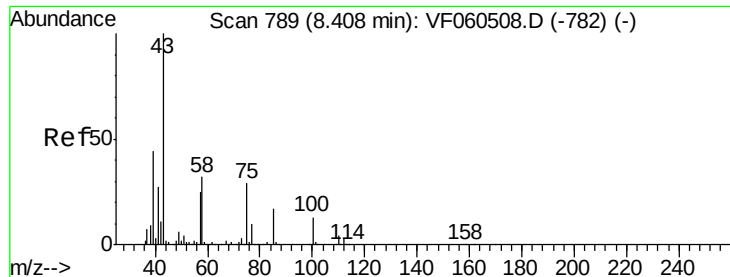
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#50
Toluene-d8
Concen: 12.149 ug/l
RT: 7.71 min Scan# 718
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.2	53.4	80.0





#51

4-Methyl-2-Pentanone

Concen: 64.160 ug/l

RT: 8.41 min Scan# 789

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 52663

Ion Ratio Lower Upper

43 100

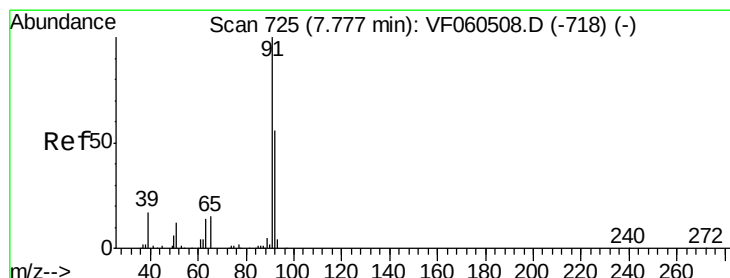
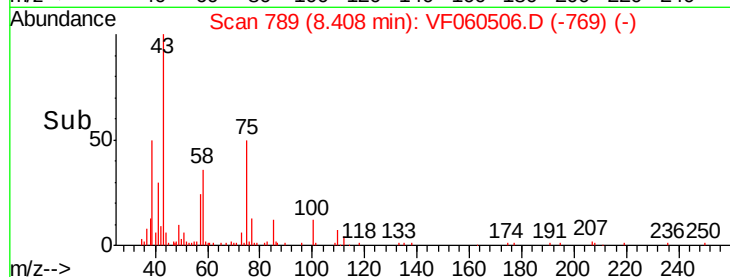
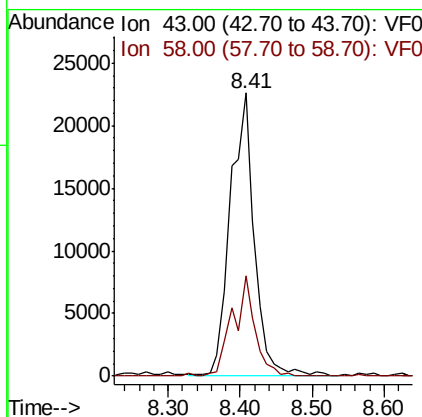
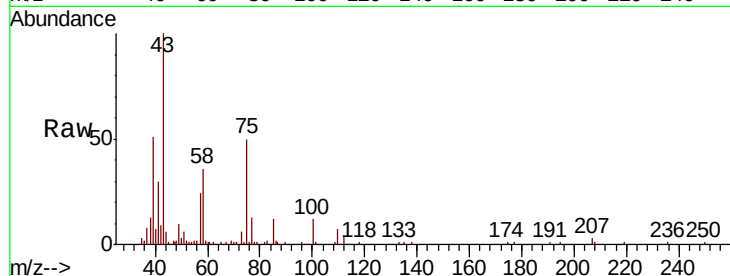
58 35.6 25.4 38.2

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#52

Toluene

Concen: 12.068 ug/l

RT: 7.78 min Scan# 725

Delta R.T. 0.00 min

Lab File: VF060506.D

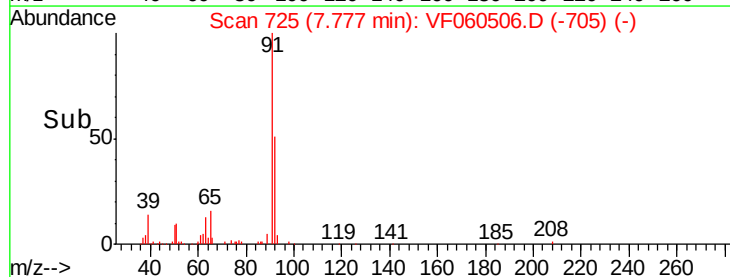
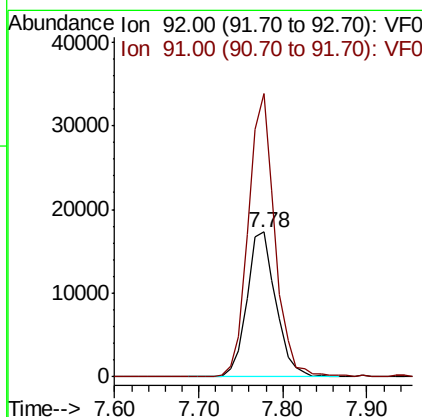
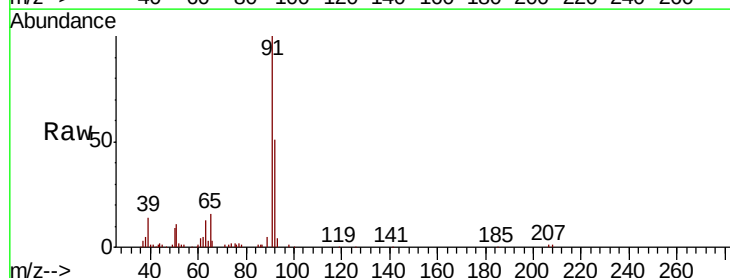
Acq: 25 Oct 2018 14:36

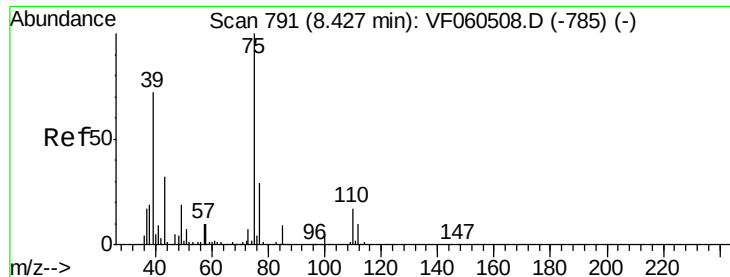
Tgt Ion: 92 Resp: 41708

Ion Ratio Lower Upper

92 100

91 195.5 143.8 215.8





#53

t-1,3-Dichloropropene

Concen: 15.001 ug/l

RT: 8.43 min Scan# 791

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 31707

Ion Ratio Lower Upper

75 100

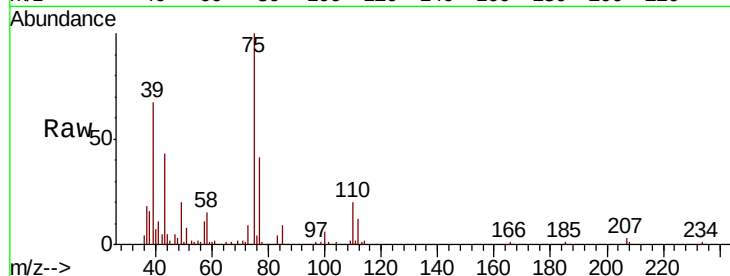
77 40.6 23.7 35.5#

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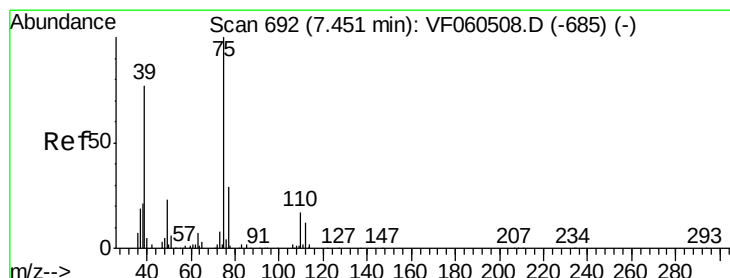
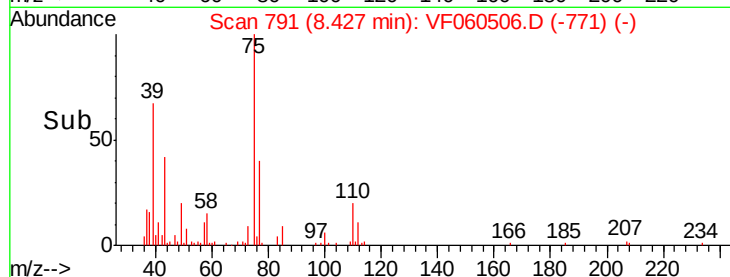
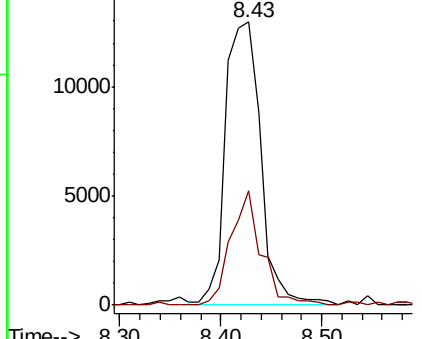
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Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#54

cis-1,3-Dichloropropene

Concen: 13.279 ug/l

RT: 7.45 min Scan# 692

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

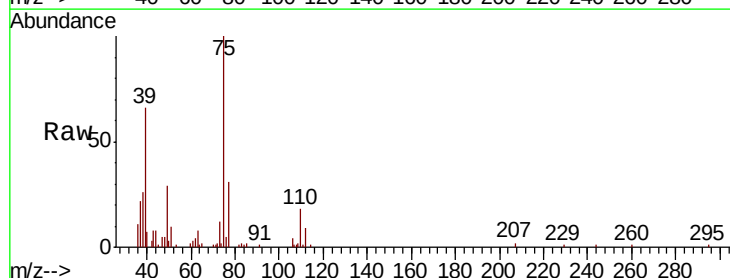
Tgt Ion: 75 Resp: 32689

Ion Ratio Lower Upper

75 100

77 30.6 23.6 35.4

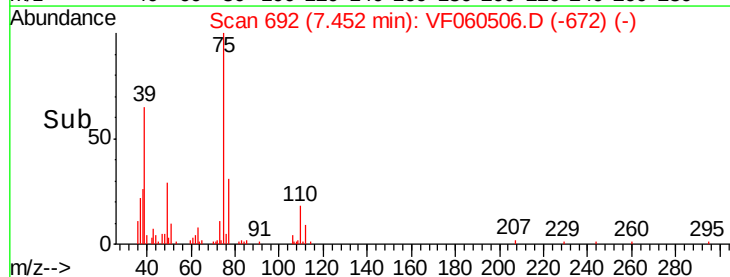
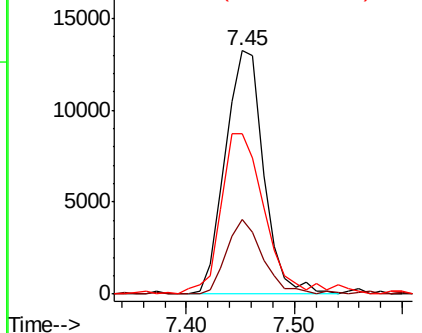
39 66.0 61.6 92.4

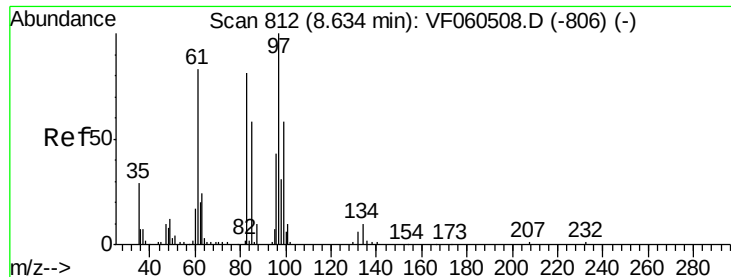


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 11.349 ug/l

RT: 8.62 min Scan# 811

Delta R.T. -0.01 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

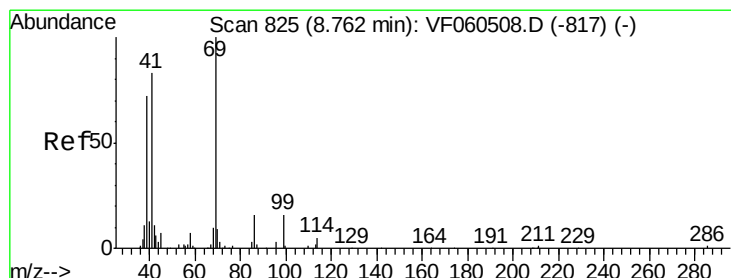
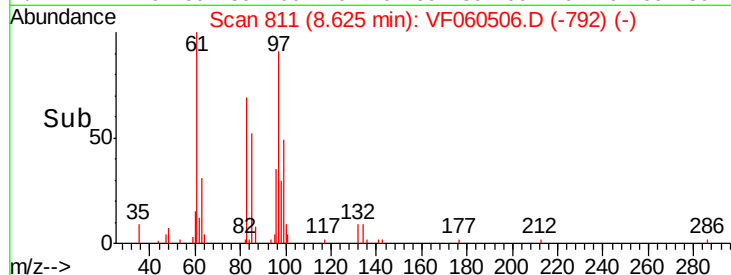
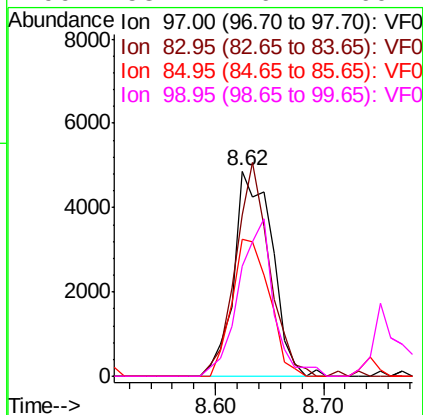
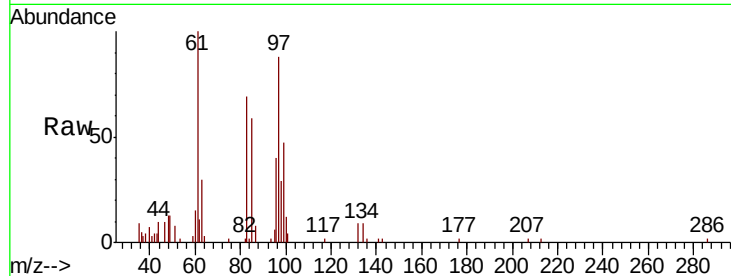
ClientSampleId :

VSTDIC010

Tot Ion:	97	Resp:	12054
Ion Ratio	Lower	Upper	
97	100		
83	78.8	65.0	97.4
85	67.0	47.0	70.6
99	53.4	46.2	69.4

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#56

Ethyl methacrylate

Concen: 11.986 ug/l

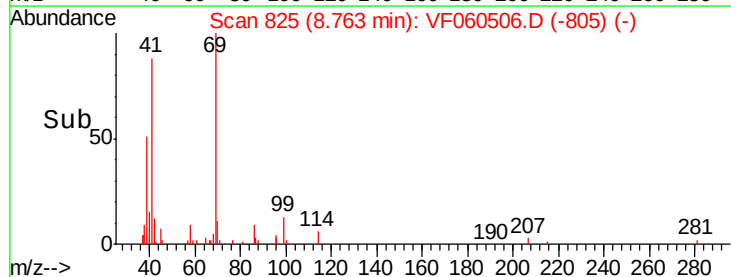
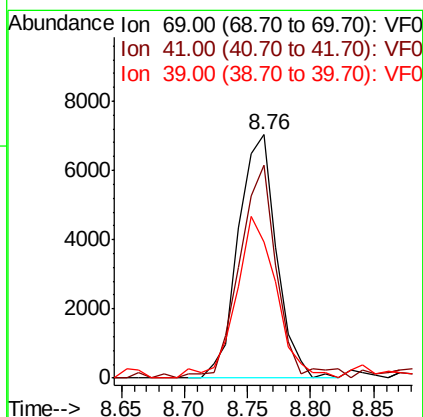
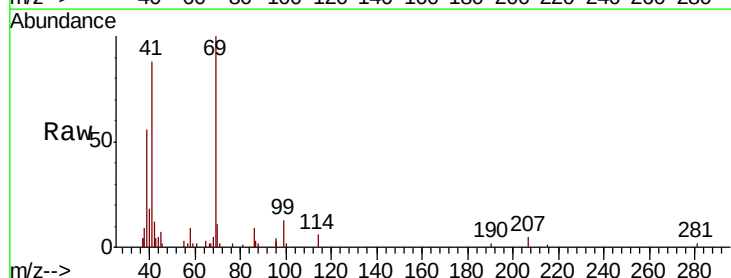
RT: 8.76 min Scan# 825

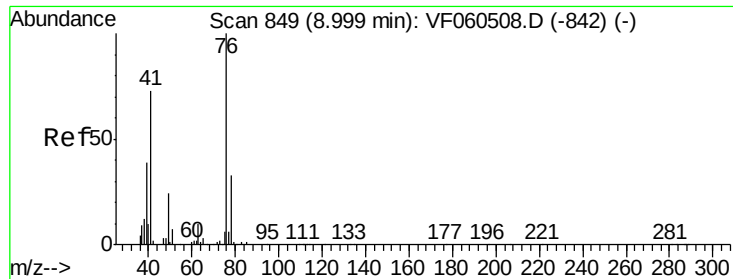
Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Tgt Ion:	69	Resp:	14730
Ion Ratio	Lower	Upper	
69	100		
41	87.5	67.2	100.8
39	55.7	58.4	87.6#





#57

1,3-Dichloropropane

Concen: 13.239 ug/l

RT: 9.00 min Scan# 849

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 24214

Ion Ratio Lower Upper

76 100

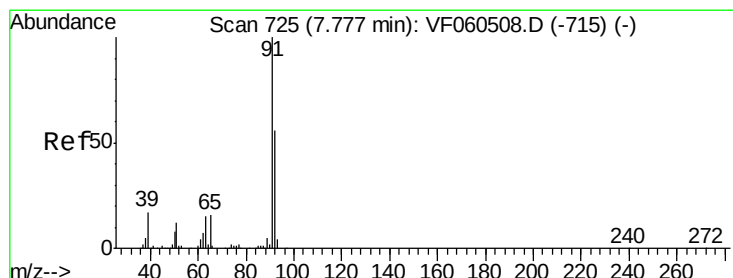
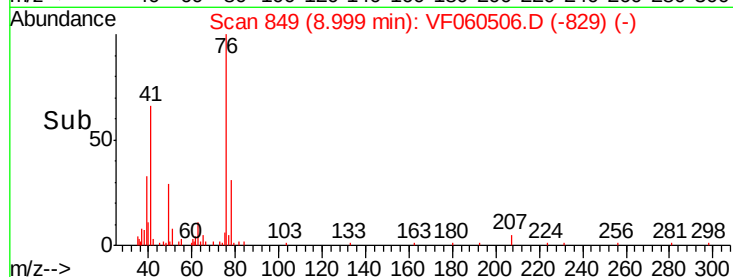
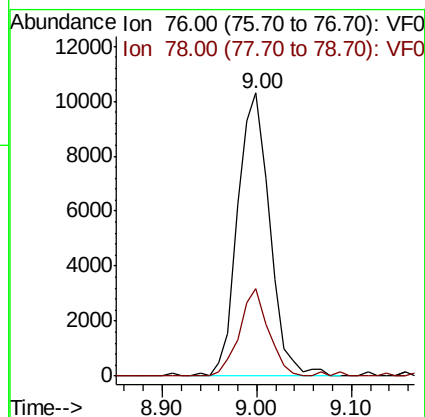
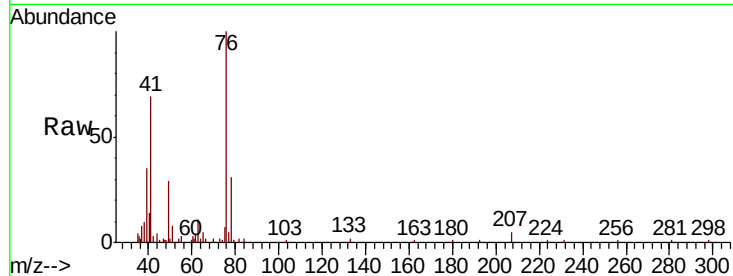
78 31.0 26.6 40.0

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#58

2-Chloroethyl Vinyl ether

Concen: 75.783 ug/l

RT: 7.78 min Scan# 725

Delta R.T. 0.00 min

Lab File: VF060506.D

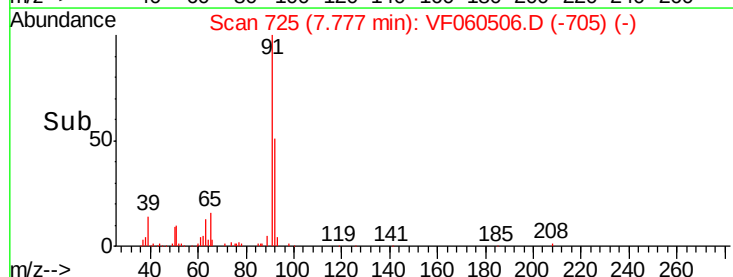
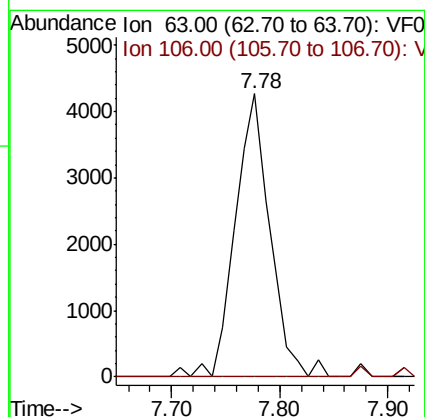
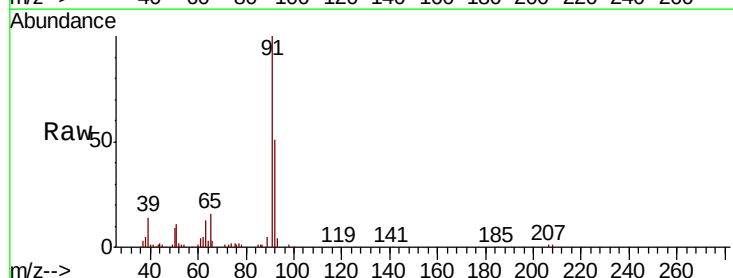
Acq: 25 Oct 2018 14:36

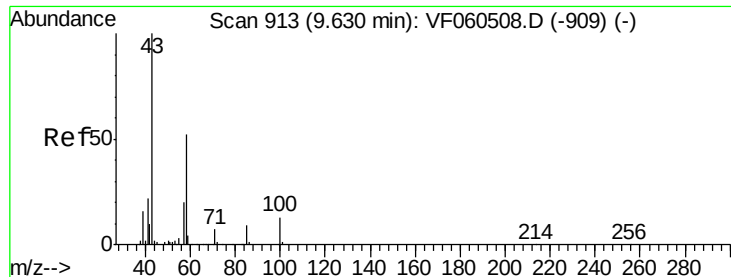
Tgt Ion: 63 Resp: 9464

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





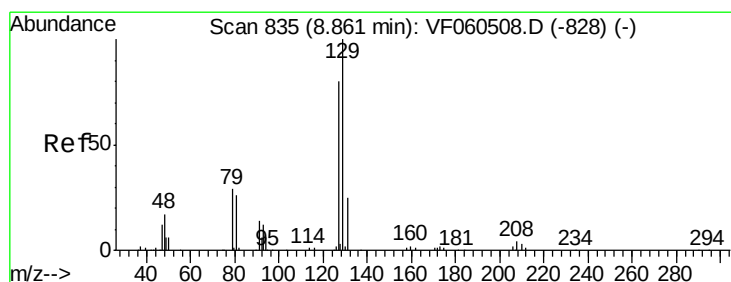
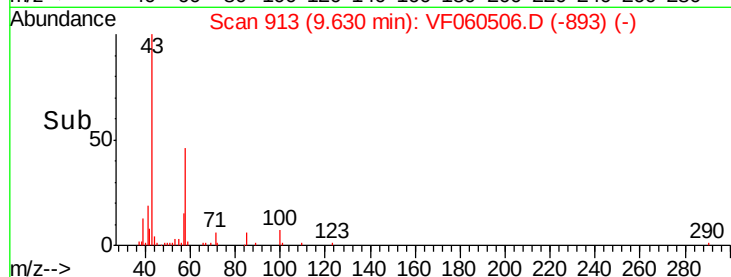
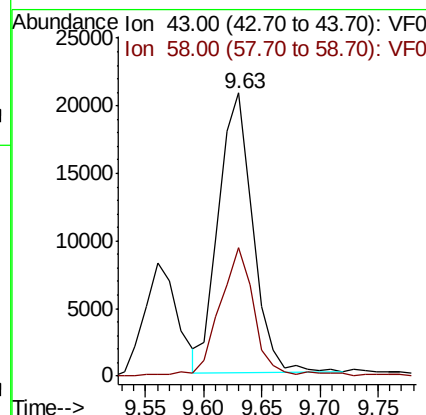
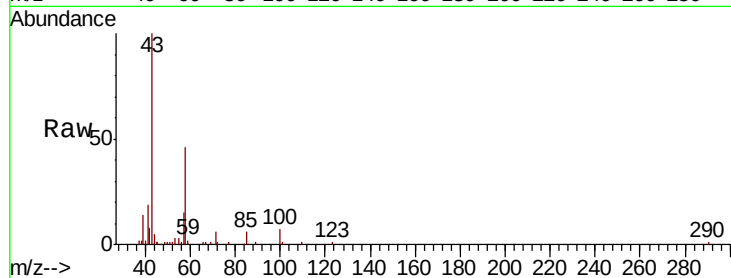
#59
2-Hexanone
Concen: 71.411 ug/l
RT: 9.63 min Scan# 913
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	45.6	23.5	70.5

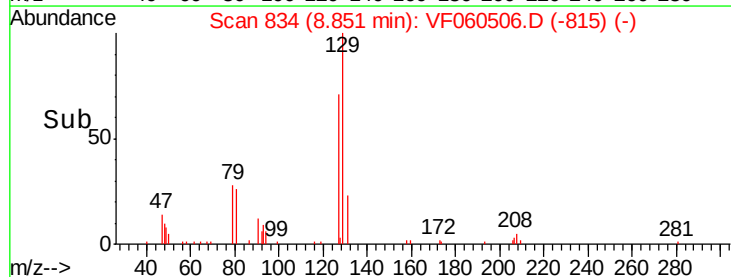
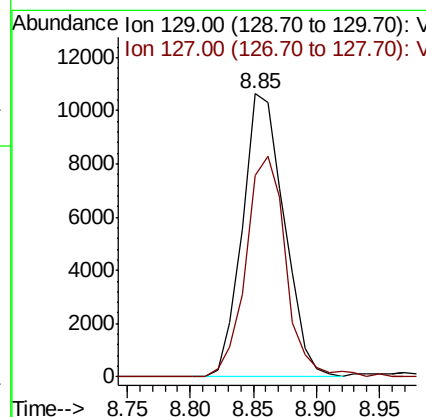
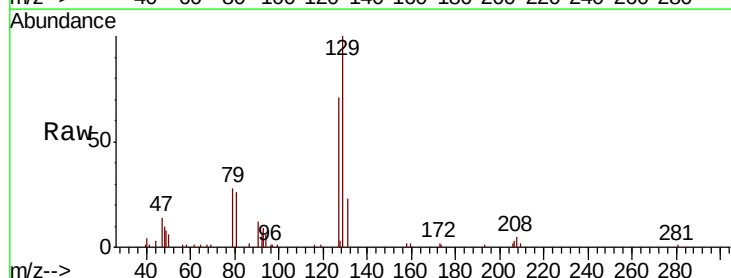
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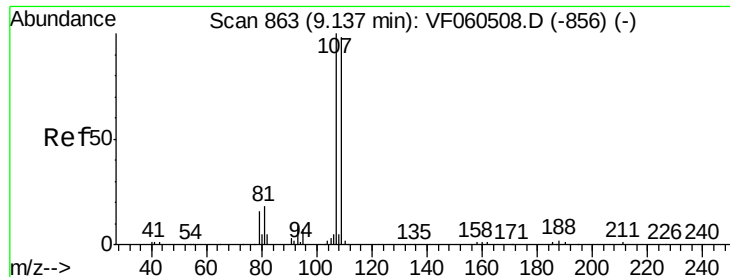
apatel
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#60
Dibromochloromethane
Concen: 14.617 ug/l
RT: 8.85 min Scan# 834
Delta R.T. -0.01 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
129	100		
127	74.1	40.2	120.5





#61

1,2-Dibromoethane

Concen: 13.418 ug/l

RT: 9.13 min Scan# 862

Delta R.T. -0.01 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

Tot Ion: 107 Resp: 16103

Ion Ratio Lower Upper

107 100

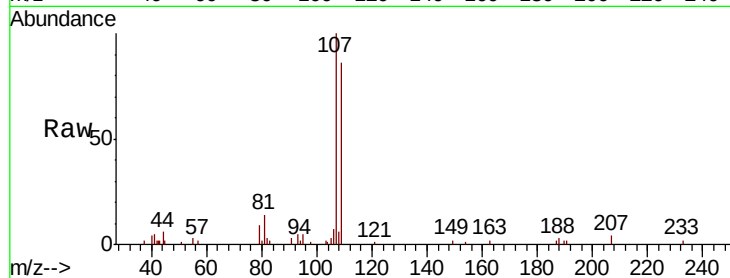
109 86.1 78.6 118.0

Manual Integrations

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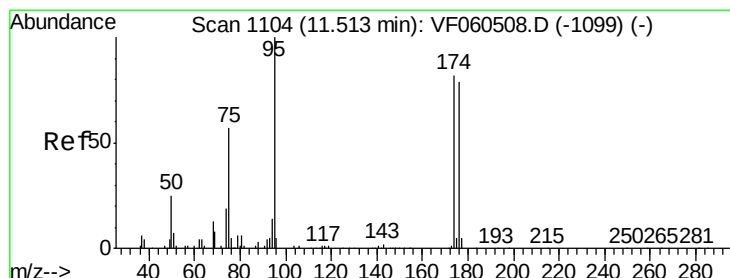
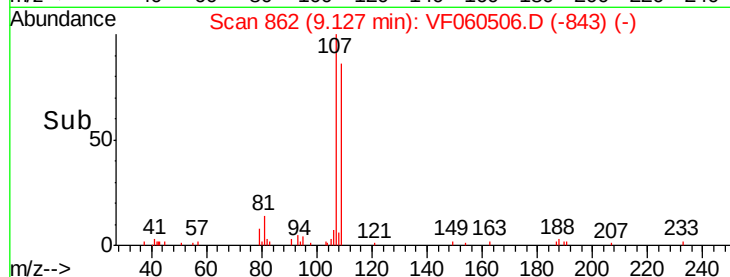
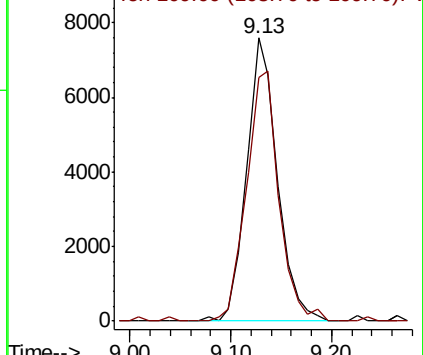
apatel

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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 14.611 ug/l

RT: 11.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

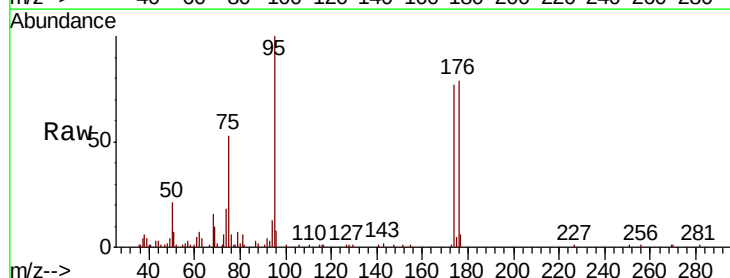
Tgt Ion: 95 Resp: 32590

Ion Ratio Lower Upper

95 100

174 77.3 0.0 164.2

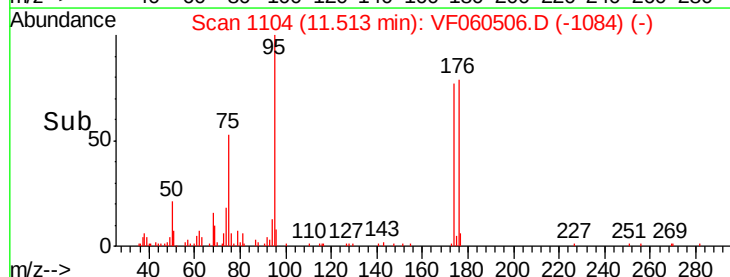
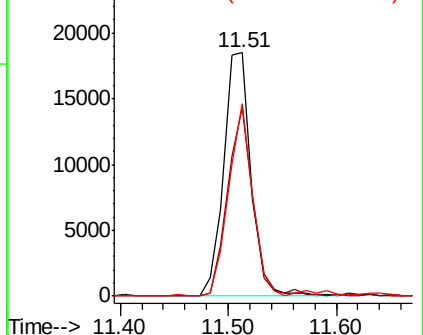
176 78.9 0.0 158.4

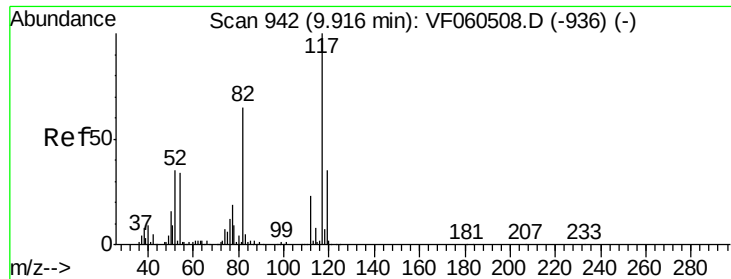


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





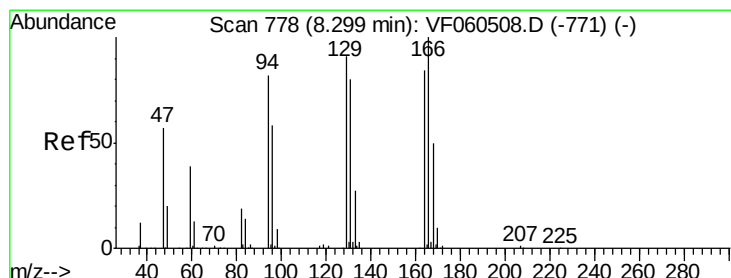
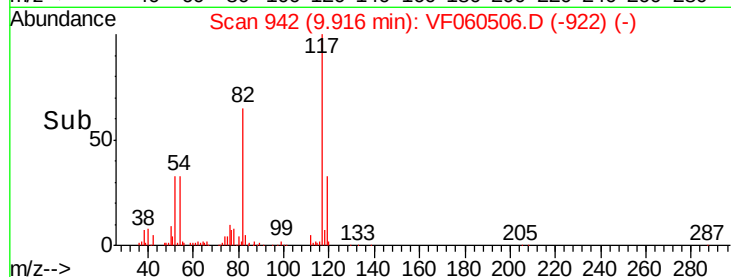
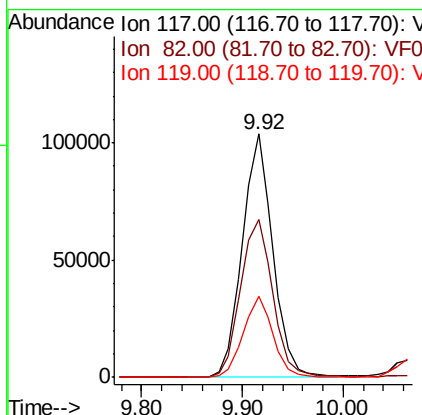
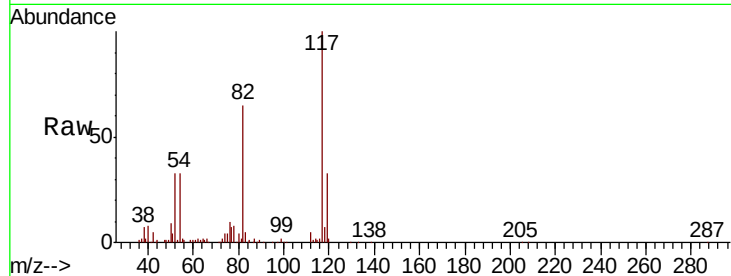
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.8	51.7	77.5
119	33.2	28.3	42.5

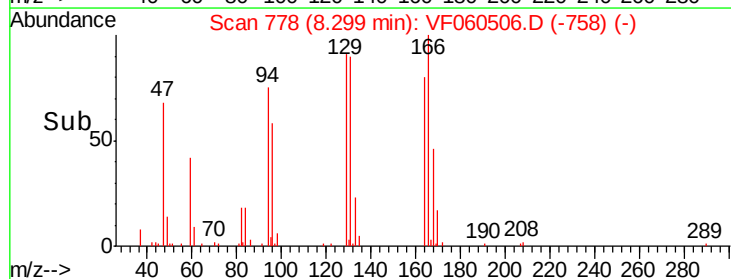
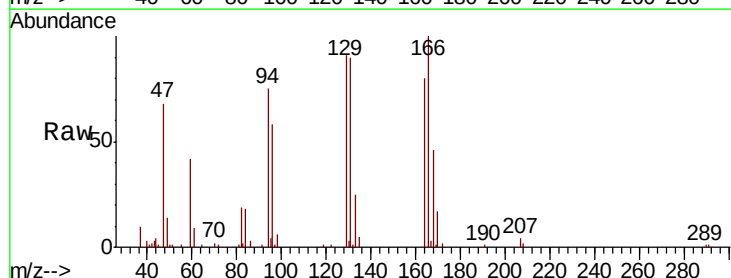
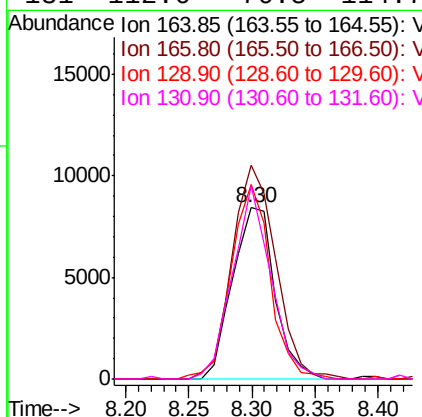
Manual Integrations
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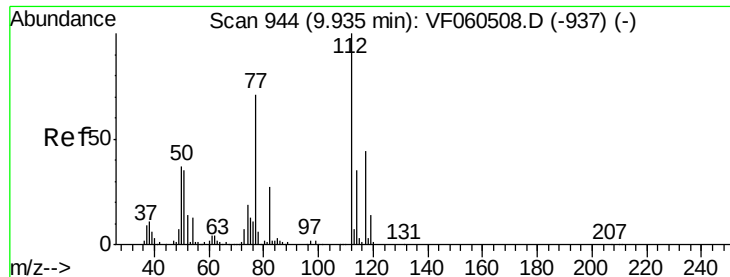
apatel
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#64
Tetrachloroethene
Concen: 11.278 ug/l
RT: 8.30 min Scan# 778
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	95.1	142.7
129	113.6	86.3	129.5
131	112.6	76.5	114.7





#65

Chlorobenzene

Concen: 11.753 ug/l

RT: 9.94 min Scan# 944

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

Tot Ion:112 Resp: 50128

Ion Ratio Lower Upper

112 100

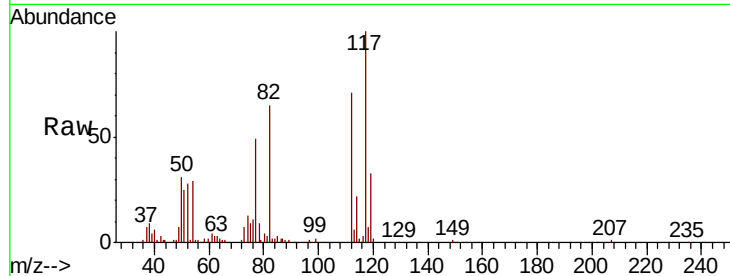
114 31.5 27.7 41.5

Manual Integrations

APPROVED

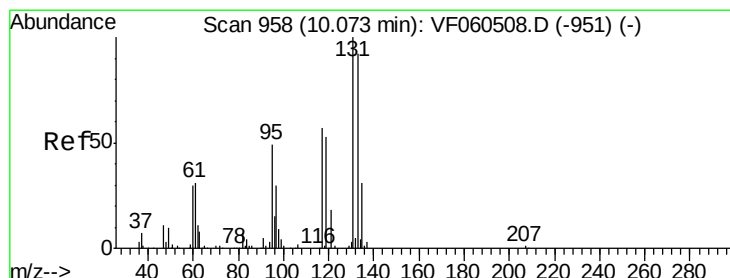
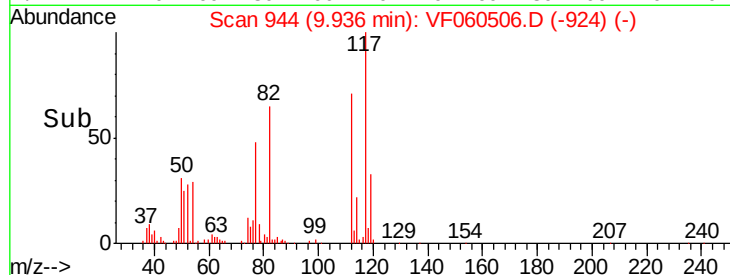
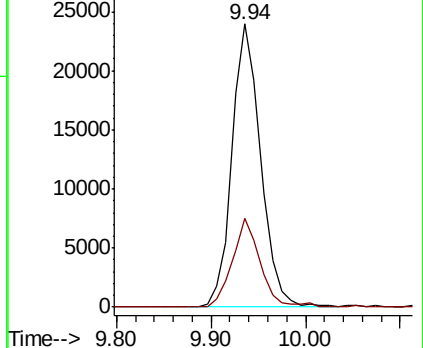
apatel

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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 13.946 ug/l

RT: 10.06 min Scan# 957

Delta R.T. -0.01 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

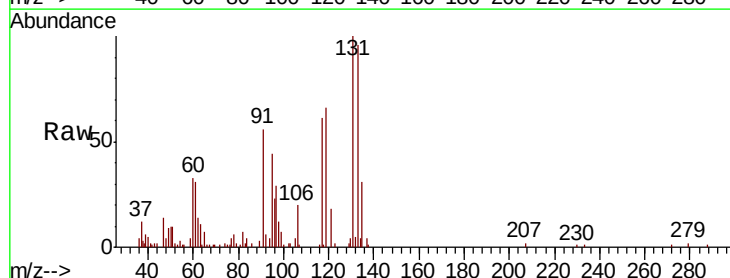
Tgt Ion:131 Resp: 26794

Ion Ratio Lower Upper

131 100

133 96.1 46.1 138.2

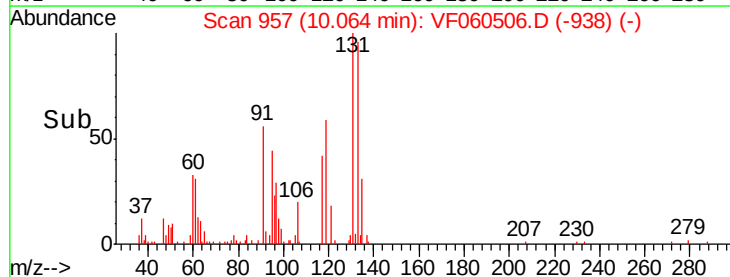
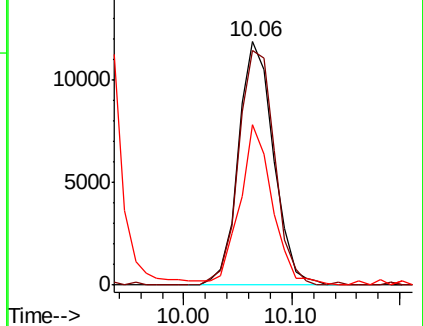
119 65.8 27.0 80.8

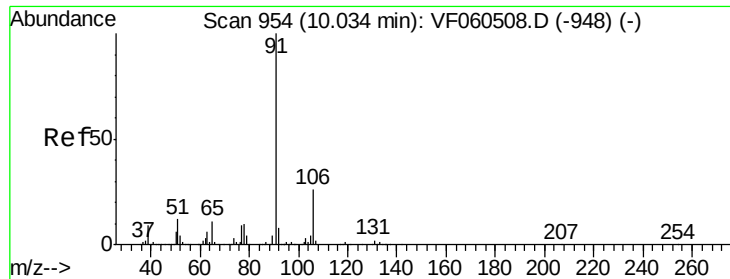


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





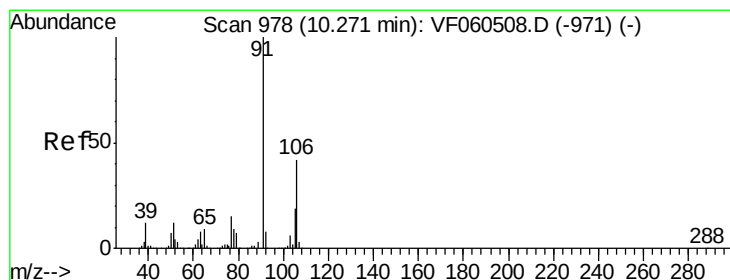
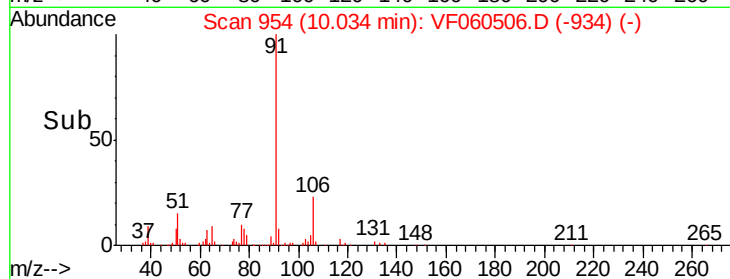
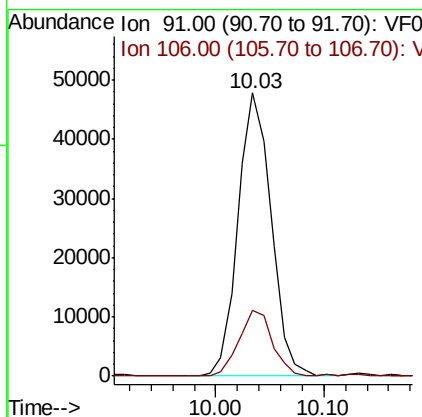
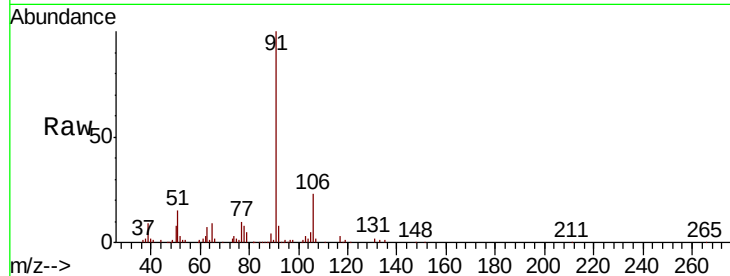
#67
Ethyl Benzene
Concen: 12.741 ug/l
RT: 10.03 min Scan# 954
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
106	23.1	20.7	31.1

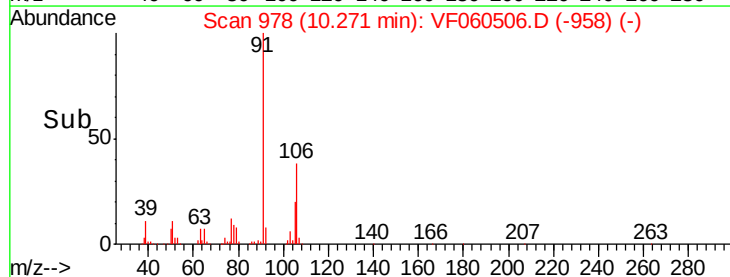
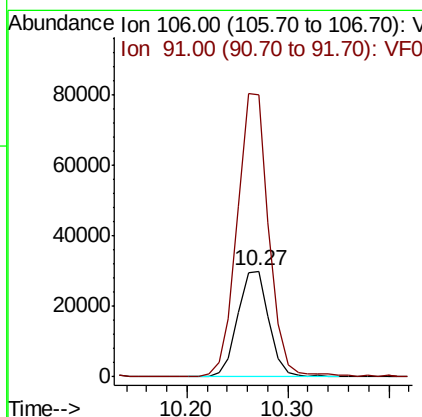
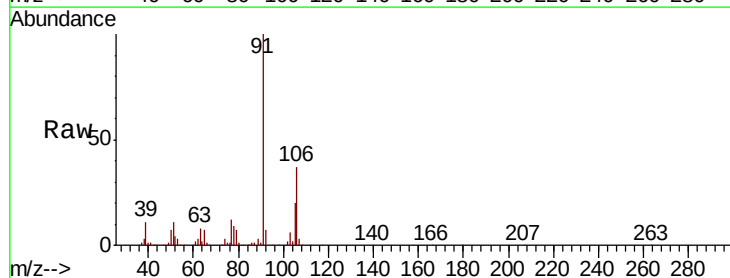
Manual Integrations
APPROVED

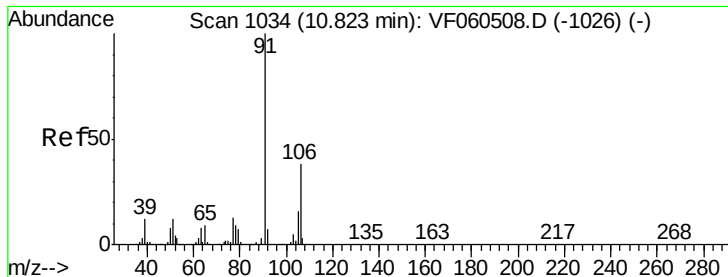
apatel
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#68
m/p-Xylenes
Concen: 23.615 ug/l
RT: 10.27 min Scan# 978
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
106	100		
91	267.7	192.5	288.7





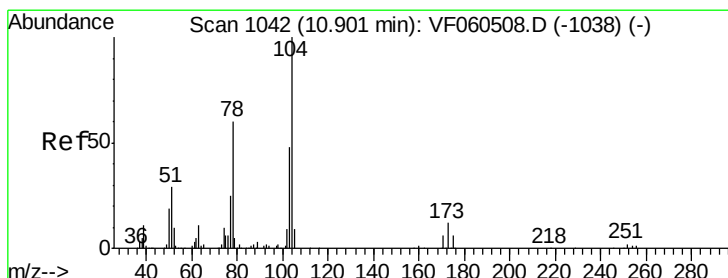
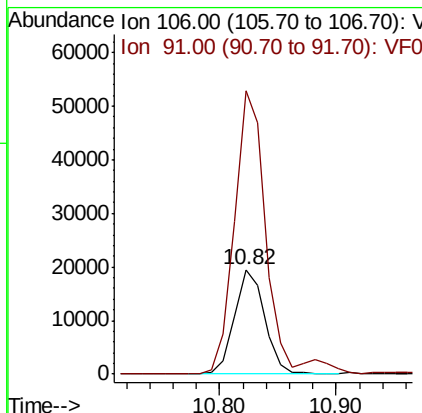
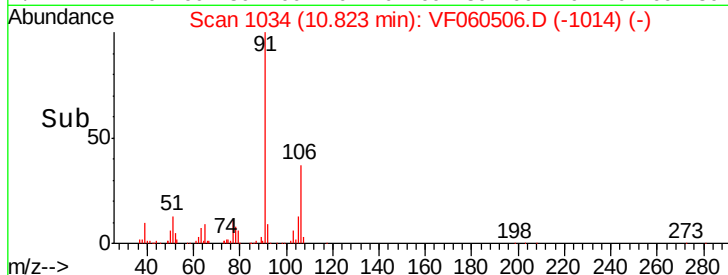
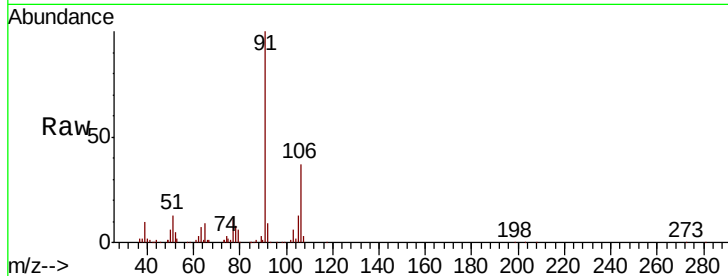
#69
o-Xylene
Concen: 11.824 ug/l
RT: 10.82 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 35323
Ion Ratio Lower Upper
106 100
91 271.3 130.9 392.7

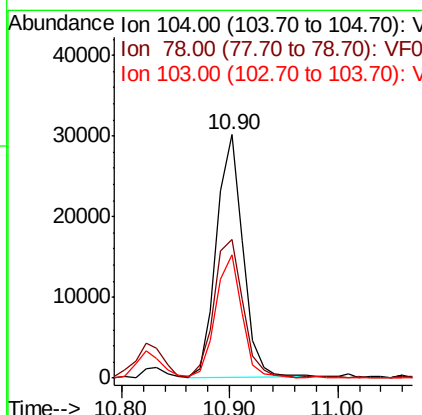
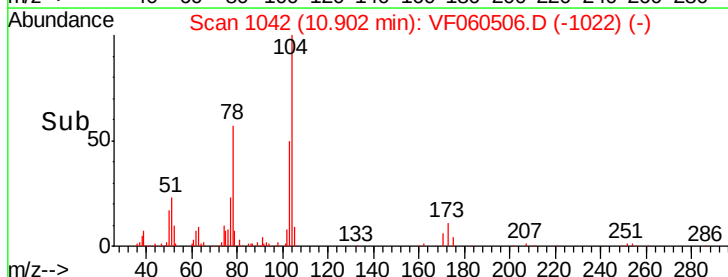
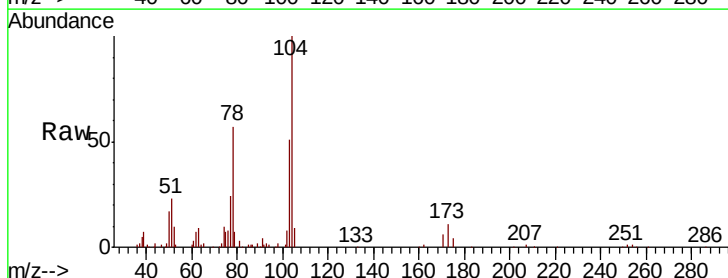
Manual Integrations
APPROVED

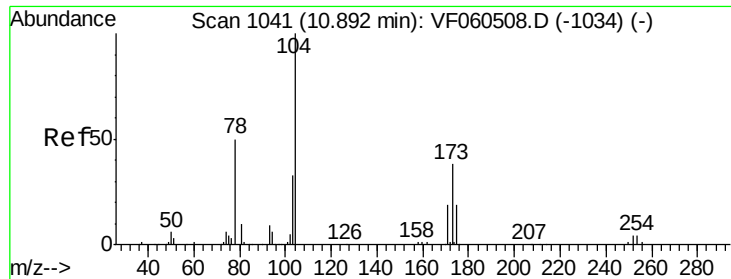
apatel
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#70
Styrene
Concen: 11.930 ug/l
RT: 10.90 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion:104 Resp: 51298
Ion Ratio Lower Upper
104 100
78 56.8 48.7 73.1
103 50.8 38.8 58.2





#71

Bromoform

Concen: 14.364 ug/l

RT: 10.88 min Scan# 1040

Delta R.T. -0.01 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

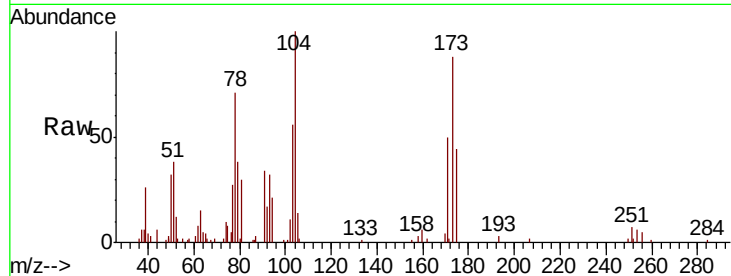
ClientSampleId :

VSTDIC010

Tot Ion:	173	Resp:	13991
Ion Ratio	Lower	Upper	
173	100		
175	50.3	25.5	76.5
254	0.0	0.0	0.0

Manual Integrations
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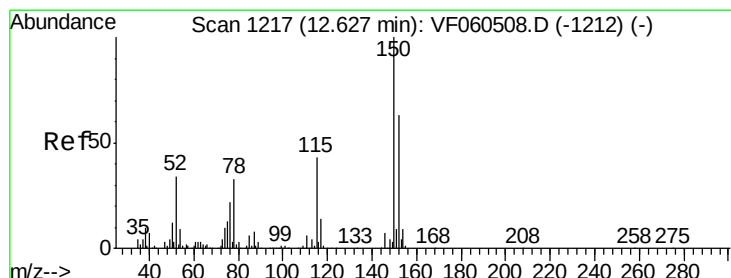
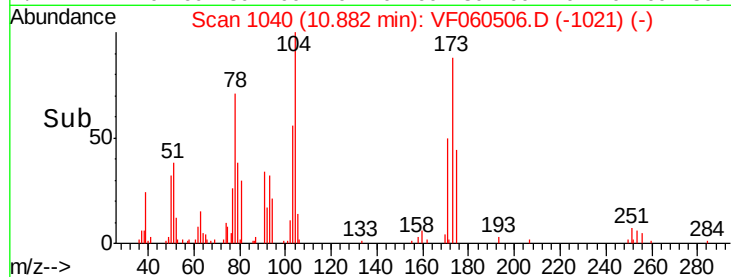
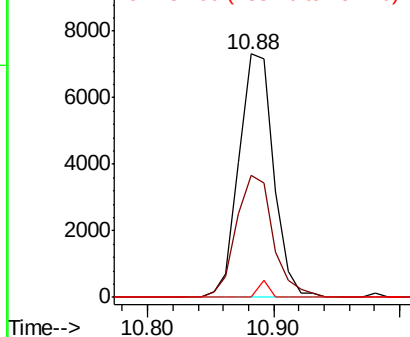


Abundance

Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

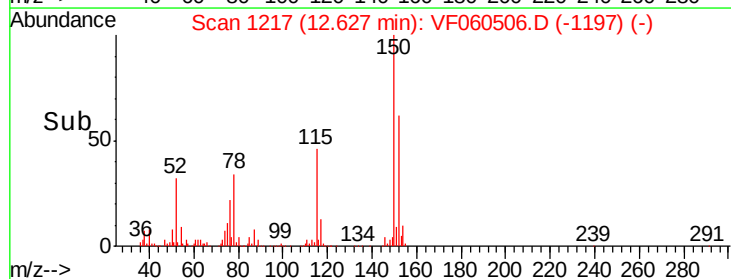
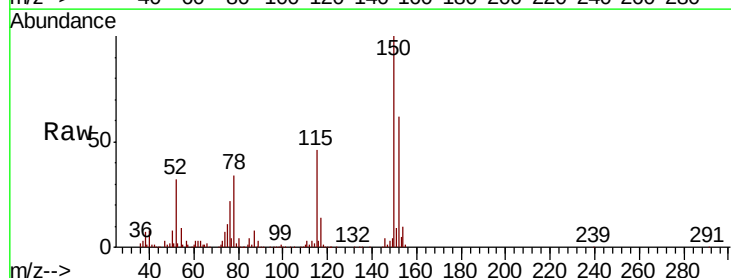
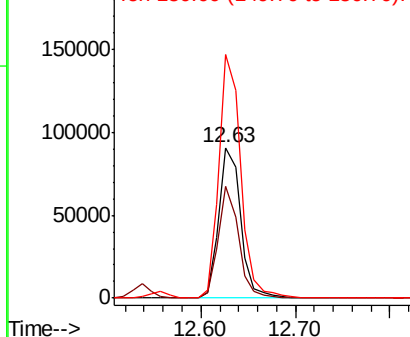
Tgt Ion:	152	Resp:	146791
Ion Ratio	Lower	Upper	
152	100		
115	74.3	34.6	103.9
150	161.7	0.0	319.8

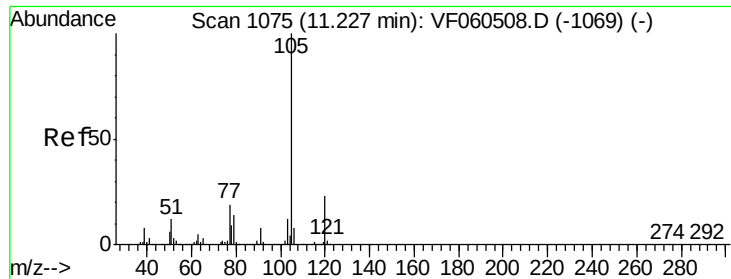
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 12.238 ug/l

RT: 11.23 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 133531

Ion Ratio Lower Upper

105 100

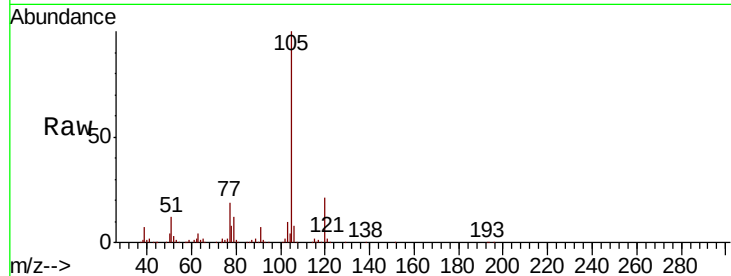
120 21.5 11.6 34.7

Manual Integrations

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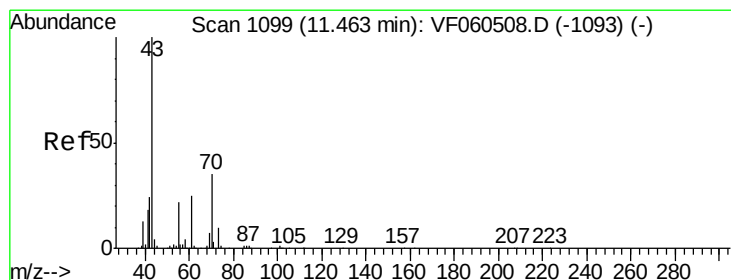
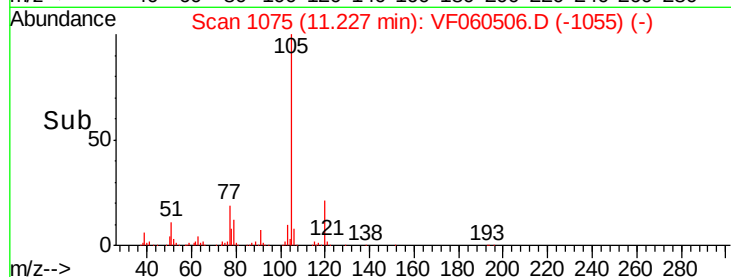
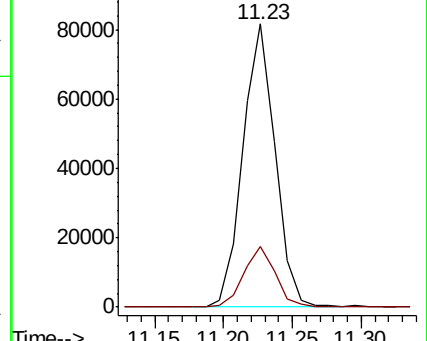
apatel

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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: 9.742 ug/l

RT: 11.46 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Tgt Ion: 43 Resp: 23138

Ion Ratio Lower Upper

43 100

70 35.6 28.2 42.2

55 22.6 17.9 26.9

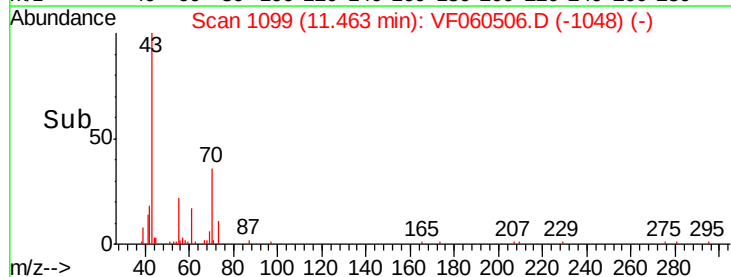
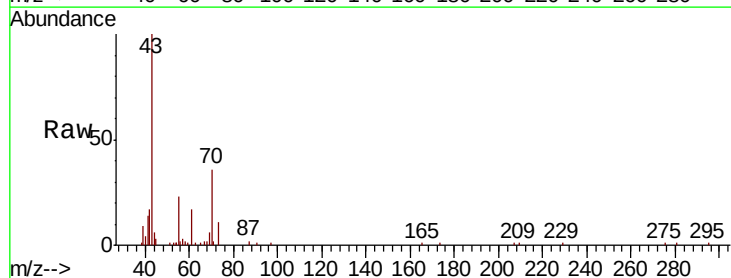
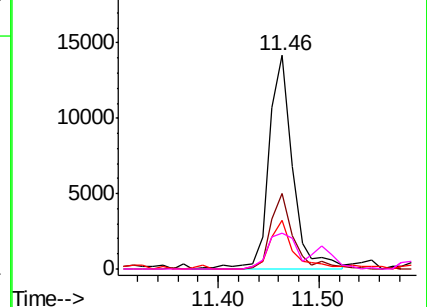
61 16.9 19.9 29.9#

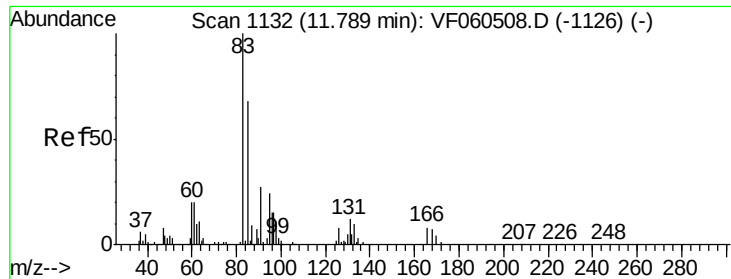
Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 9.233 ug/l

RT: 11.78 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

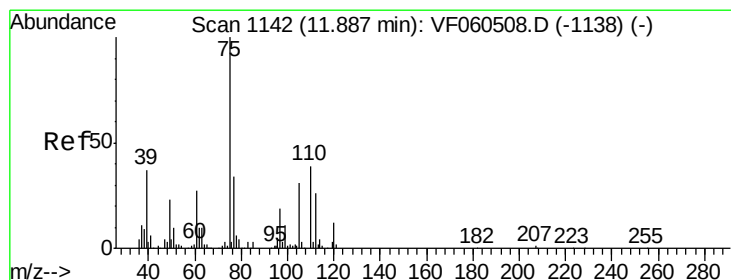
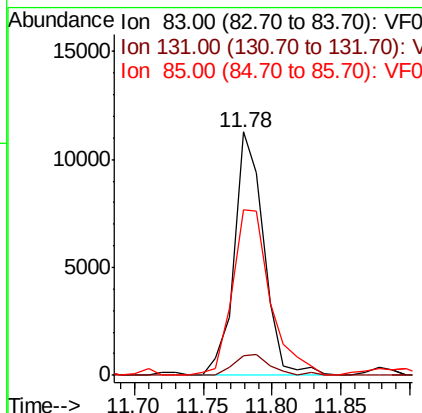
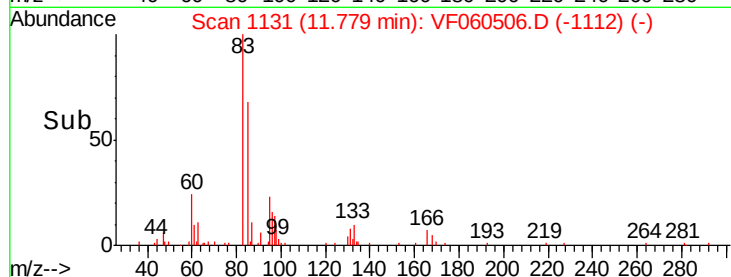
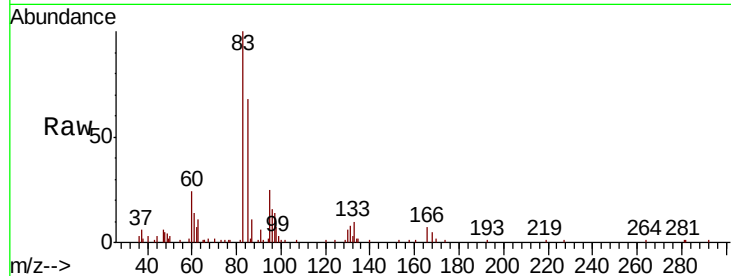
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	16933
Ion Ratio	Lower	Upper	
83	100		
131	8.3	5.8	17.4
85	68.0	34.2	102.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 11.373 ug/l

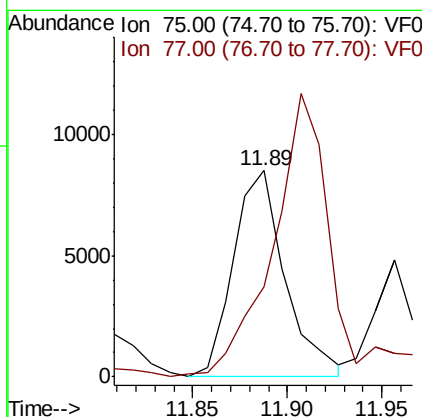
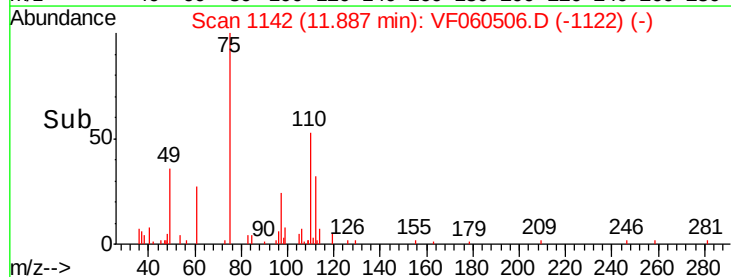
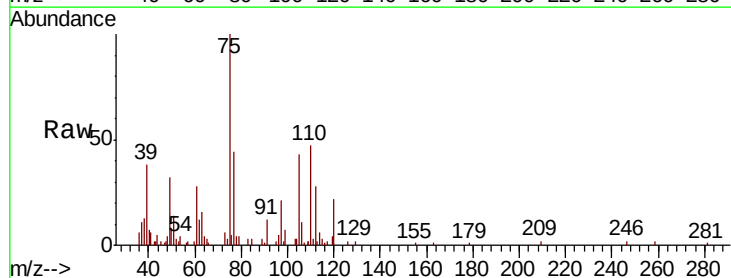
RT: 11.89 min Scan# 1142

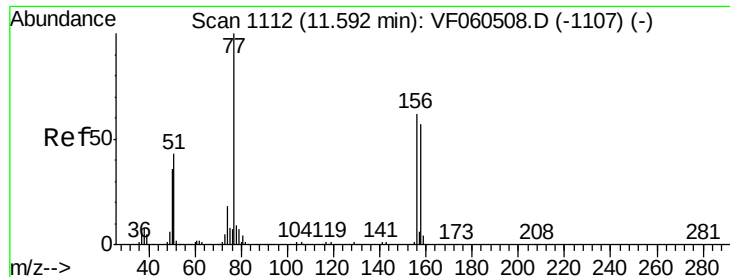
Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Tgt Ion:	75	Resp:	16124
Ion Ratio	Lower	Upper	
75	100		
77	43.9	17.2	51.5





#77

Bromobenzene

Concen: 10.844 ug/l

RT: 11.59 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

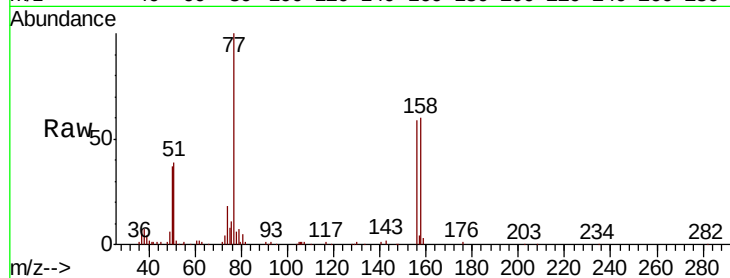
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	168.6	80.1	240.3
158	101.1	45.9	137.6

Manual Integrations
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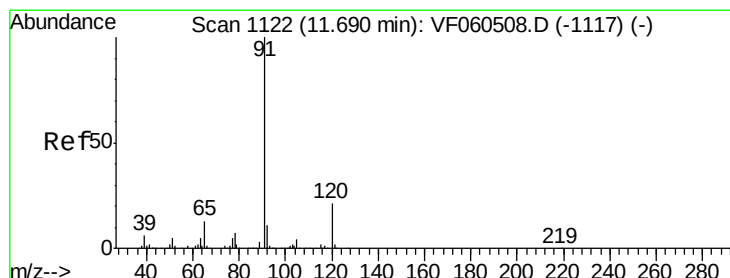
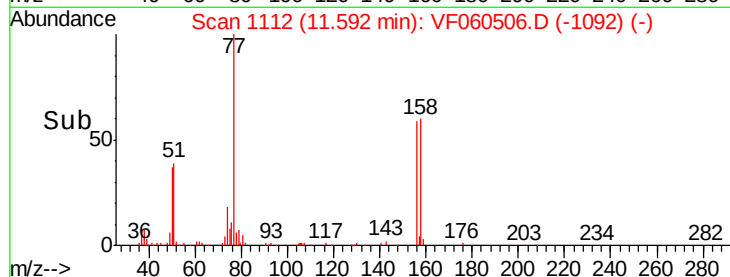
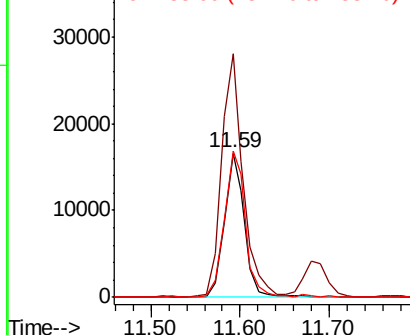


Abundance

Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 11.759 ug/l

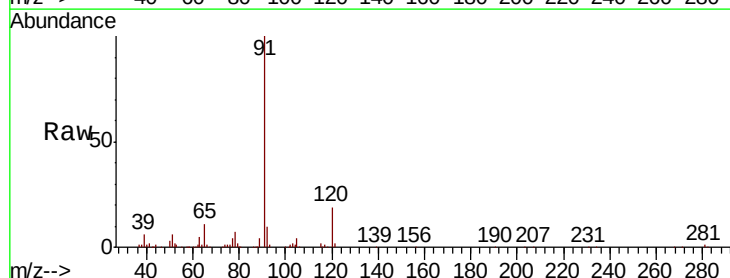
RT: 11.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

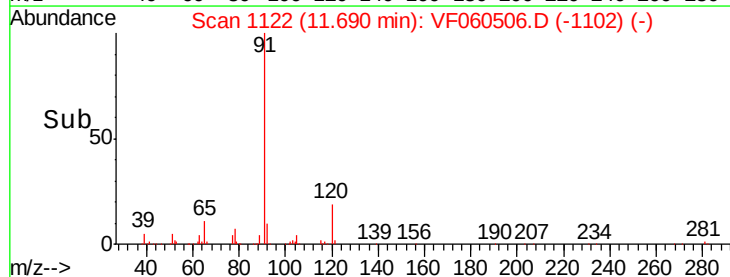
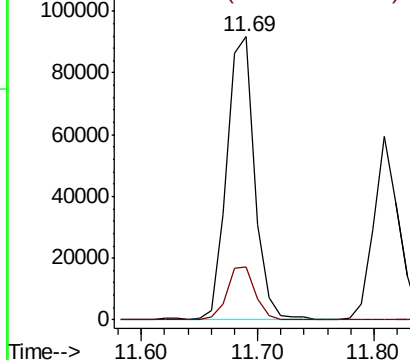
Tgt Ion	Ratio	Lower	Upper
91	100		
120	18.6	10.3	30.9

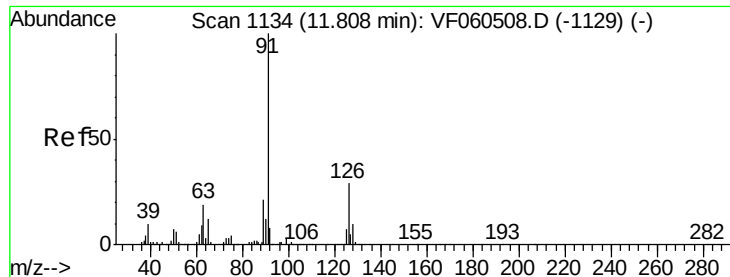


Abundance

Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





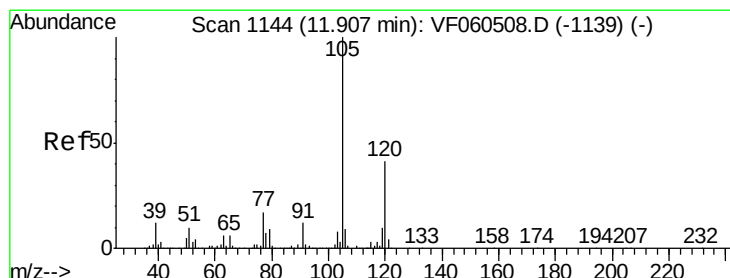
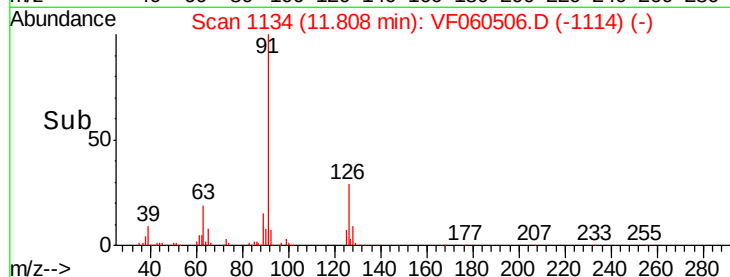
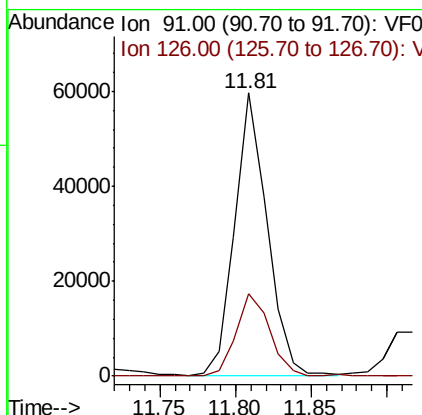
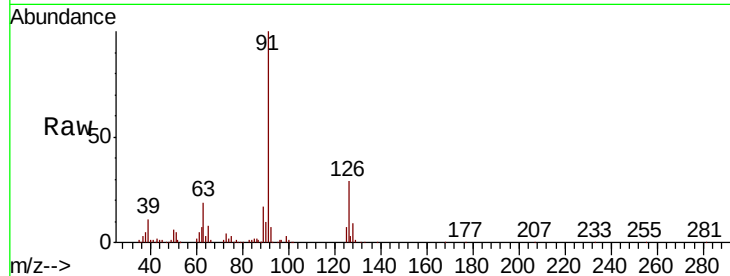
#79
2-Chlorotoluene
Concen: 11.600 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.4	43.2

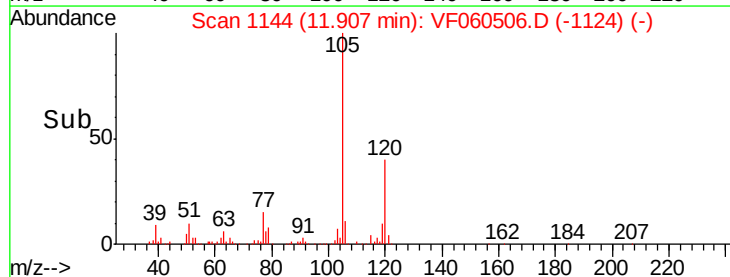
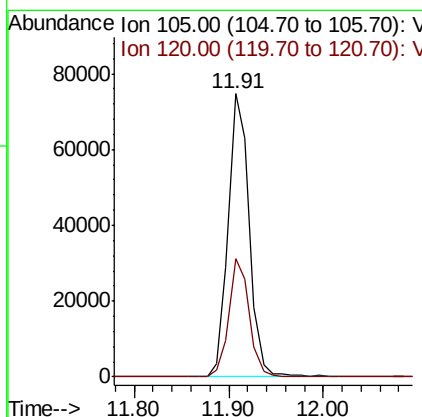
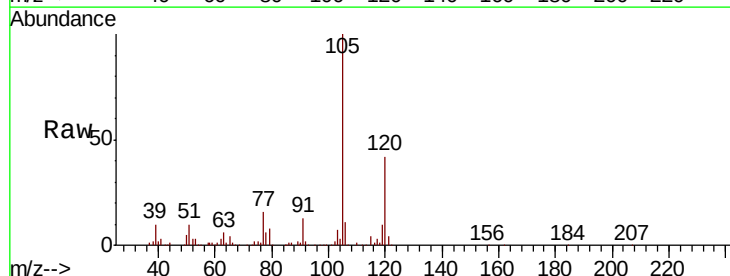
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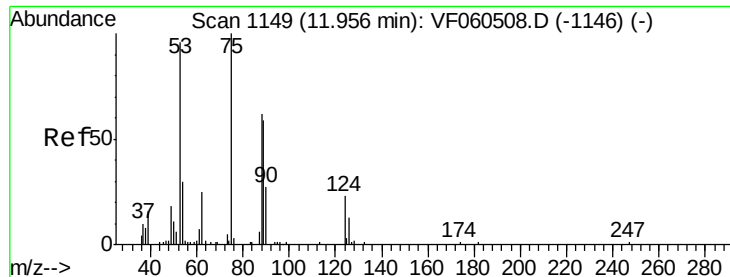
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#80
1,3,5-Trimethylbenzene
Concen: 12.591 ug/l
RT: 11.91 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.6	20.6	61.9





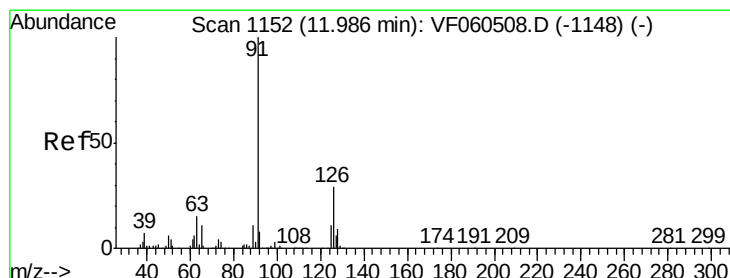
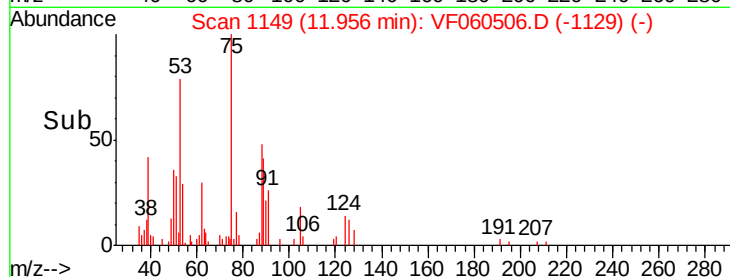
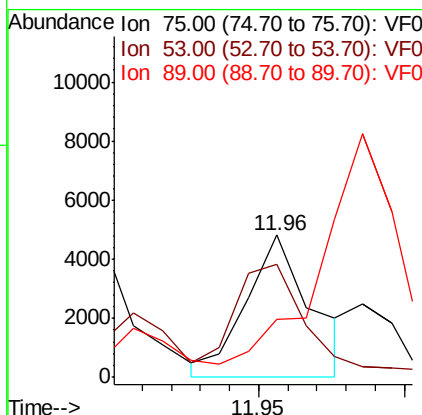
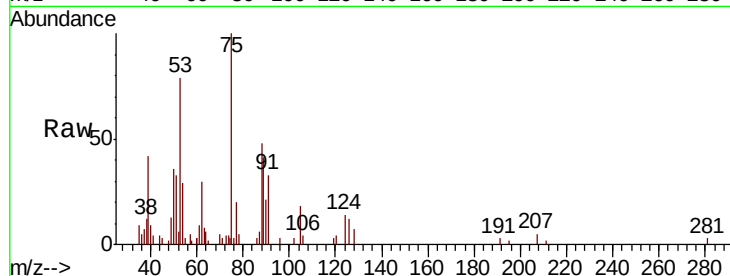
#81
trans-1,4-Dichloro-2-butene
Concen: 12.112 ug/l m
RT: 11.96 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	79.3	85.0	127.6#
89	40.6	50.2	75.4#

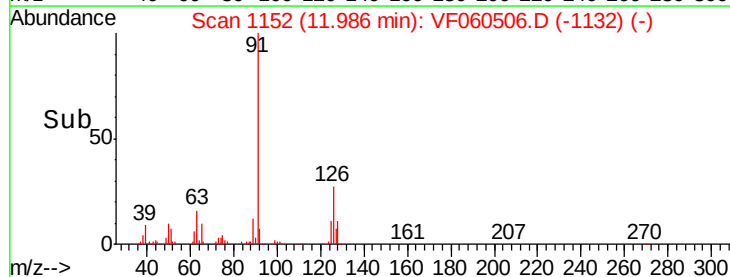
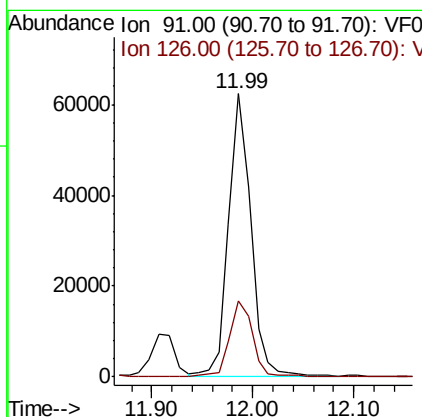
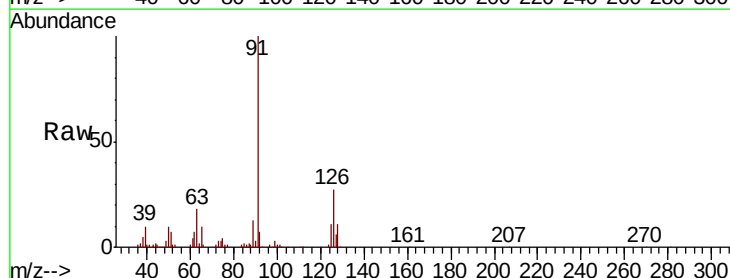
Manual Integrations
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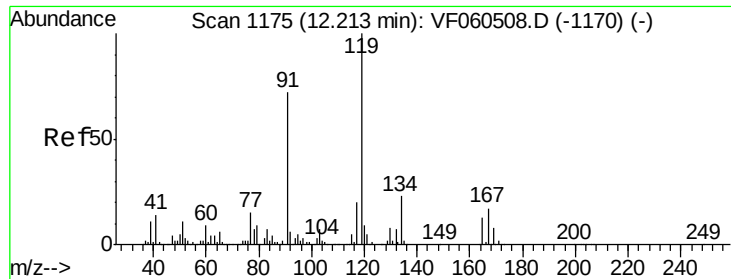
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#82
4-Chlorotoluene
Concen: 12.350 ug/l
RT: 11.99 min Scan# 1152
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.0	14.8	44.4





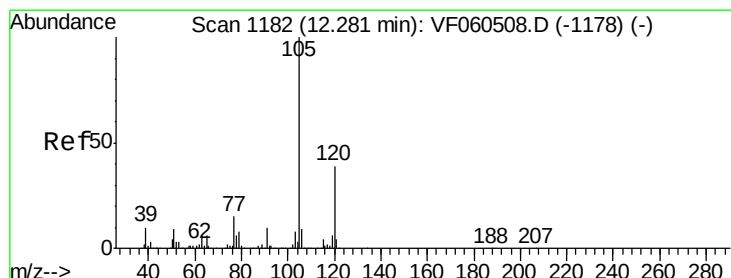
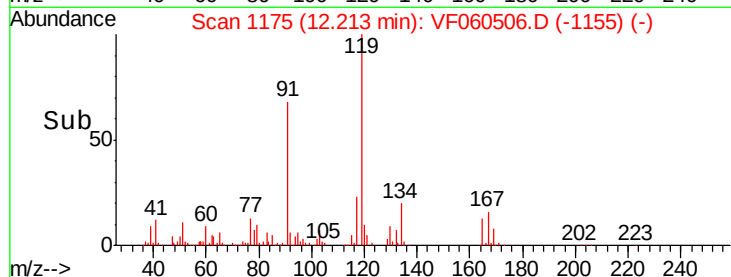
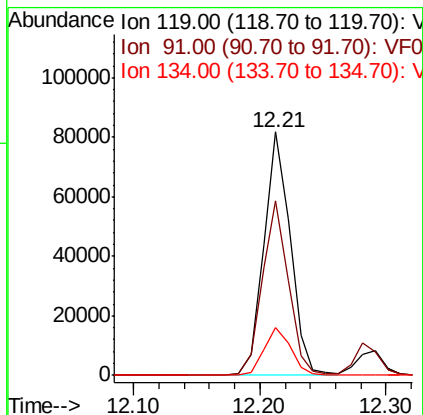
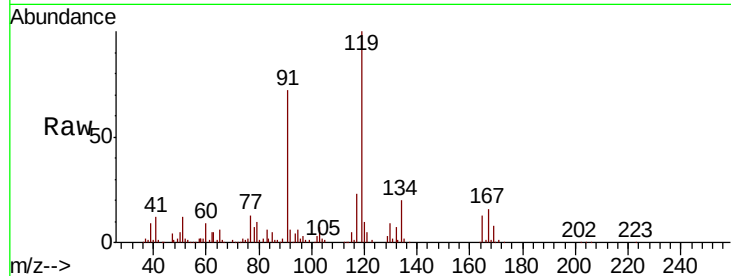
#83
 tert-Butylbenzene
 Concen: 13.044 ug/l
 RT: 12.21 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.6	36.3	108.9
134	19.5	11.4	34.2

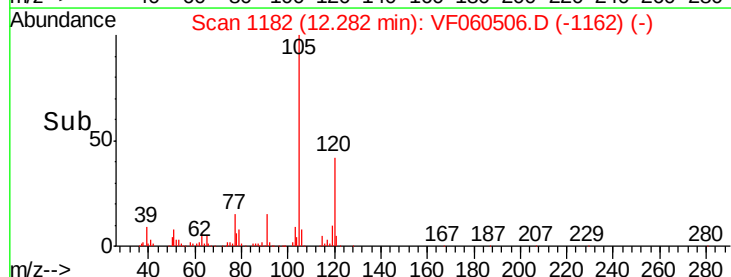
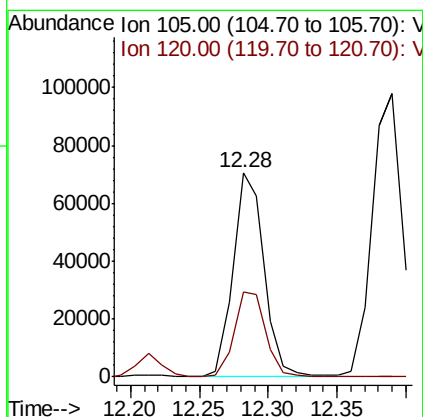
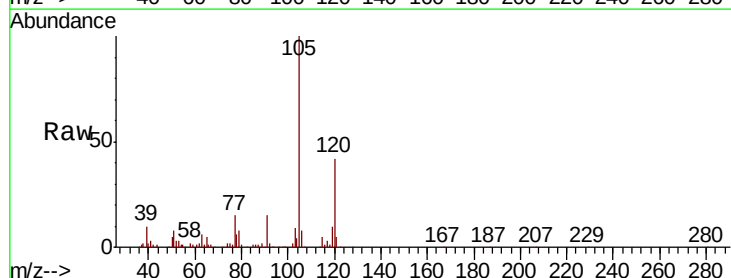
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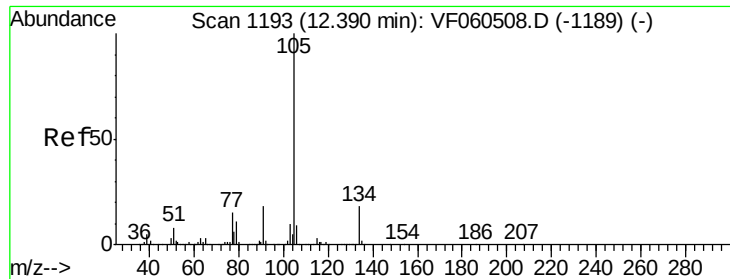
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#84
 1,2,4-Trimethylbenzene
 Concen: 11.915 ug/l
 RT: 12.28 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.5	19.4	58.1





#85

sec-Butylbenzene

Concen: 12.074 ug/l

RT: 12.39 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 150684

Ion Ratio Lower Upper

105 100

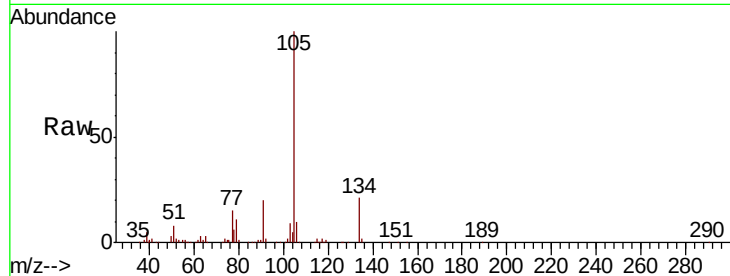
134 21.0 9.2 27.4

Manual Integrations

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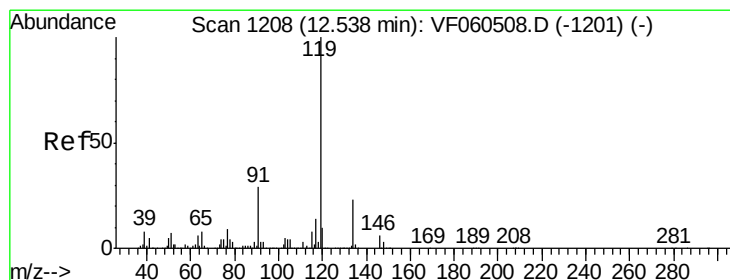
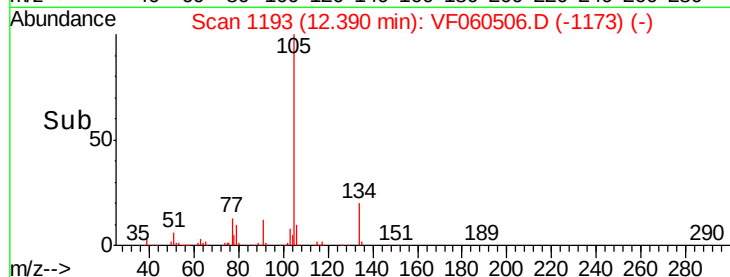
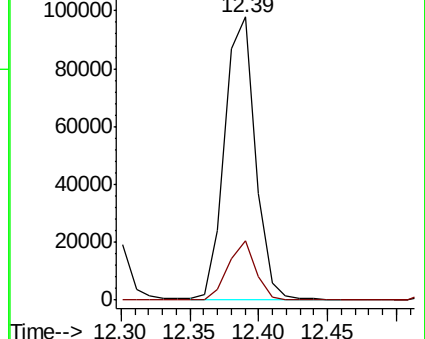
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 13.022 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VF060506.D

Acq: 25 Oct 2018 14:36

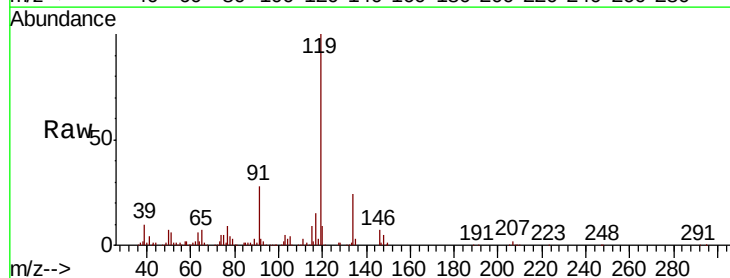
Tgt Ion:119 Resp: 133415

Ion Ratio Lower Upper

119 100

134 24.2 11.7 35.0

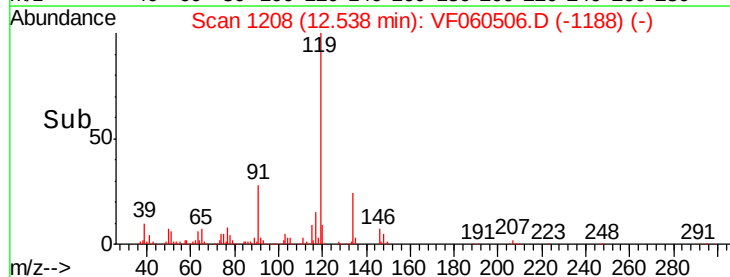
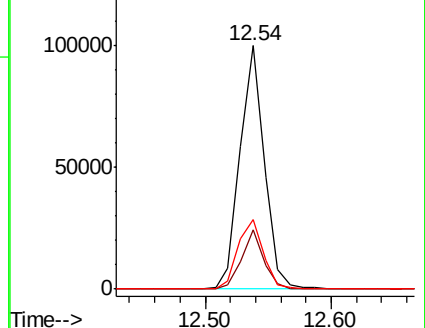
91 28.4 14.4 43.4

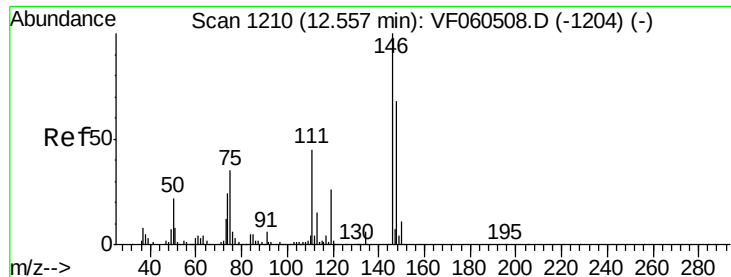


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





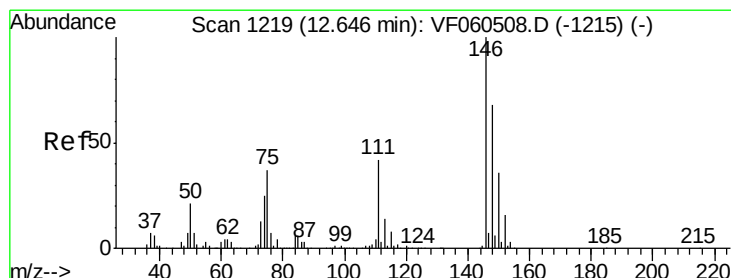
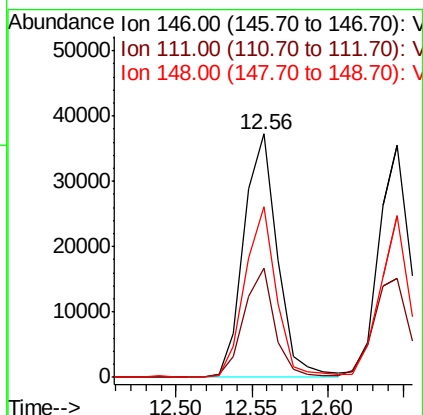
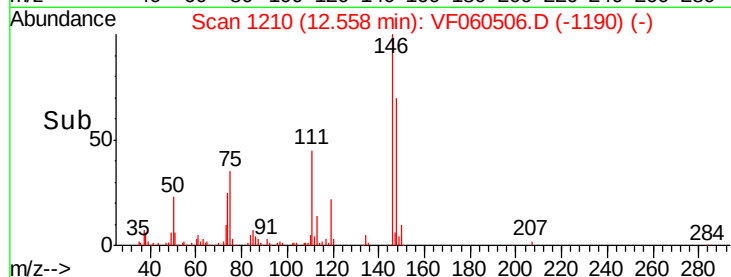
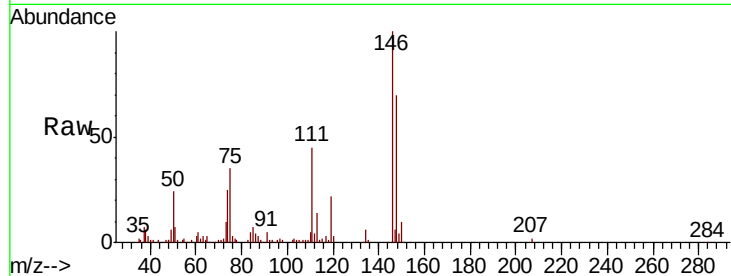
#87
 1,3-Dichlorobenzene
 Concen: 12.470 ug/l
 RT: 12.56 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.3	66.8
148	70.2	34.1	102.3

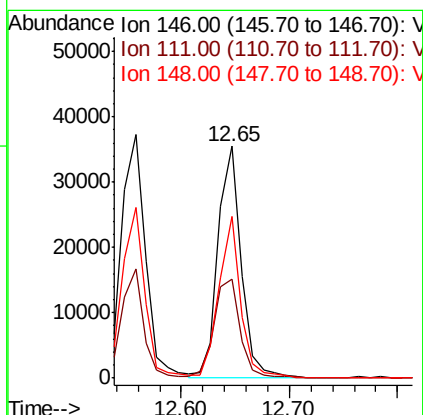
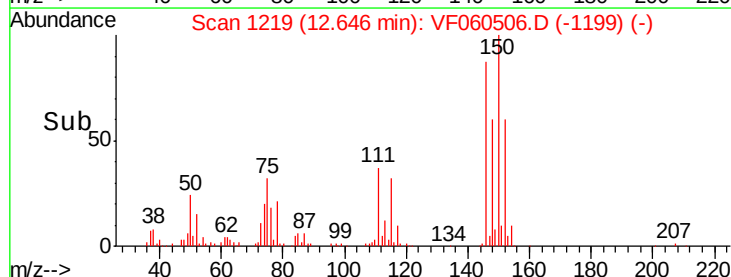
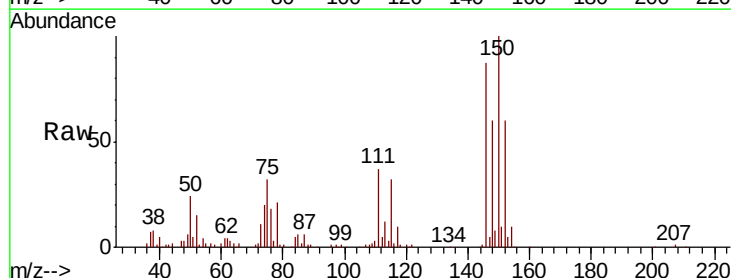
Manual Integrations
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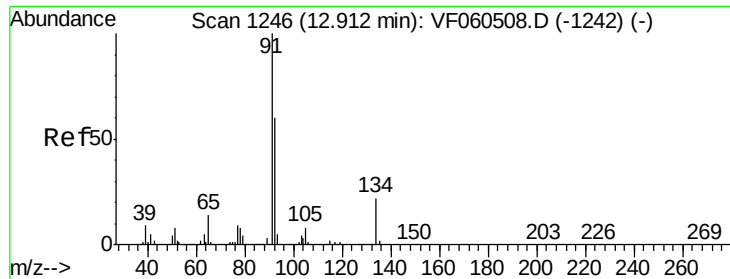
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#88
 1,4-Dichlorobenzene
 Concen: 11.842 ug/l
 RT: 12.65 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.3
148	69.6	33.9	101.7





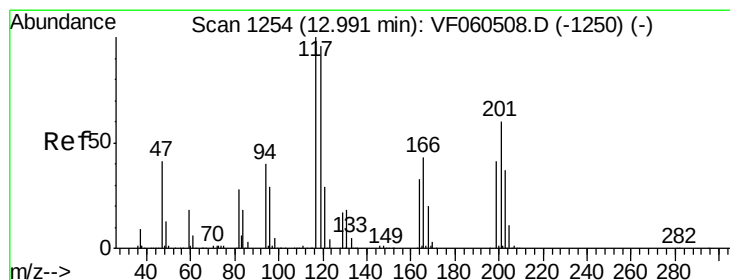
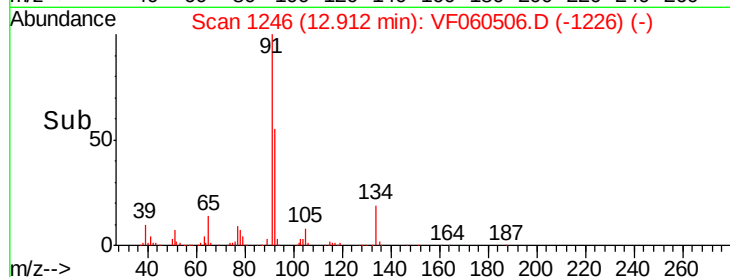
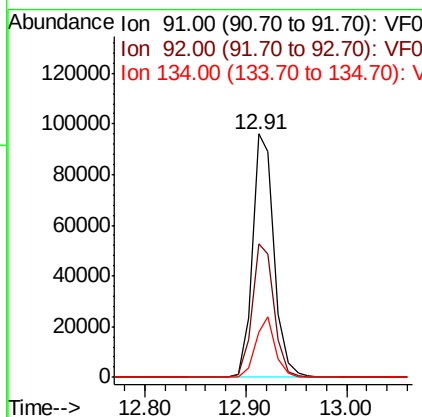
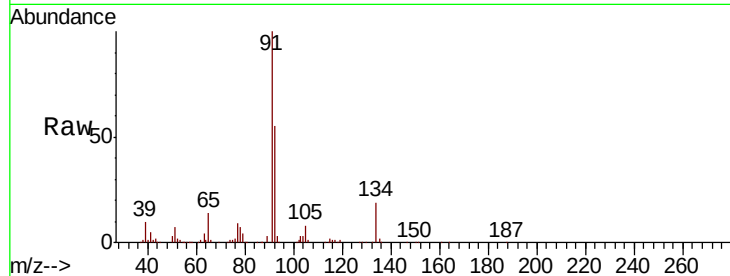
#89
n-Butylbenzene
Concen: 13.483 ug/l
RT: 12.91 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	29.8	89.3
134	18.8	10.9	32.7

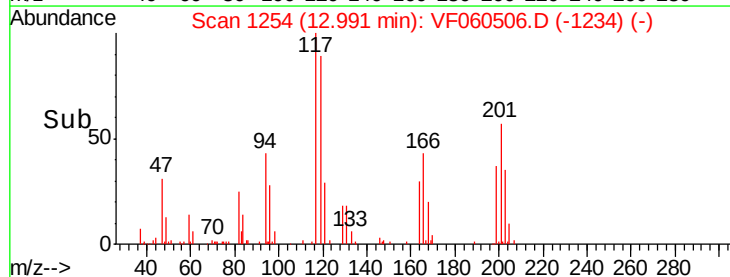
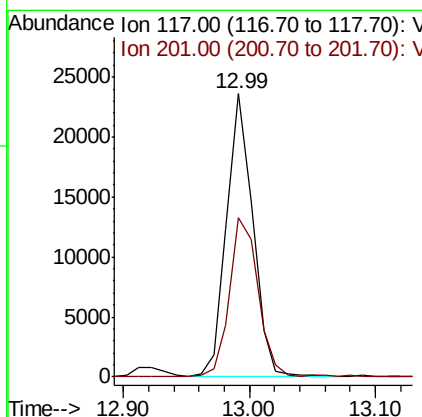
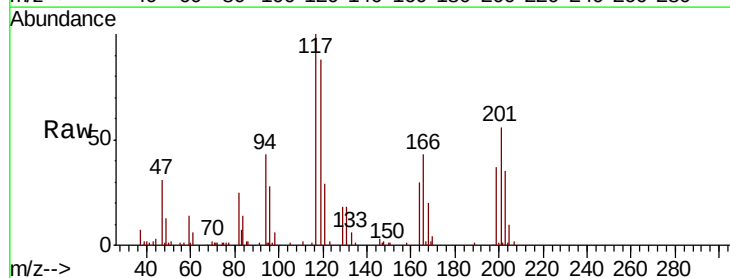
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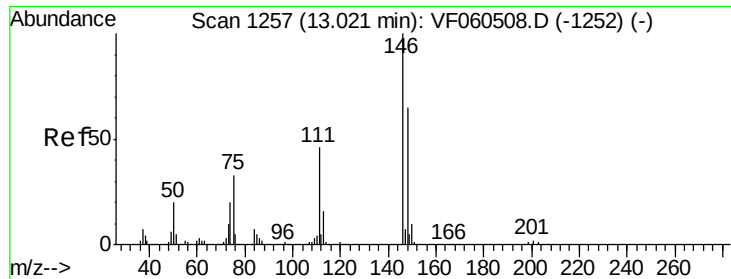
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#90
Hexachloroethane
Concen: 13.902 ug/l
RT: 12.99 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	57.3	30.1	90.5





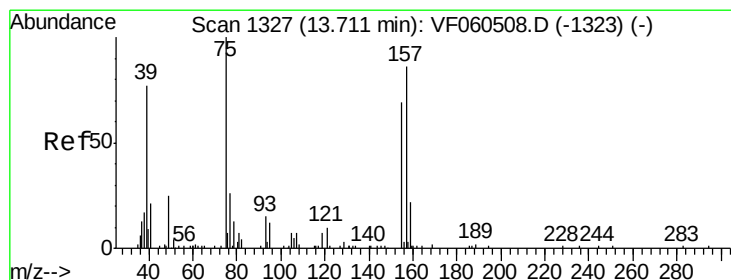
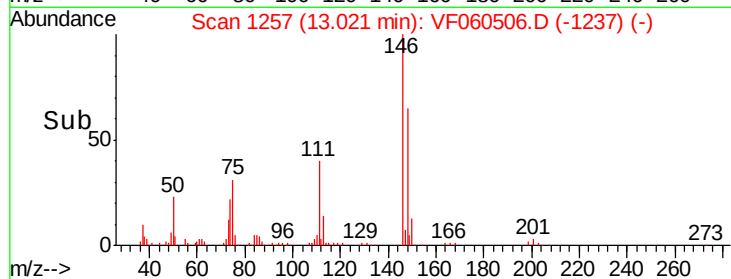
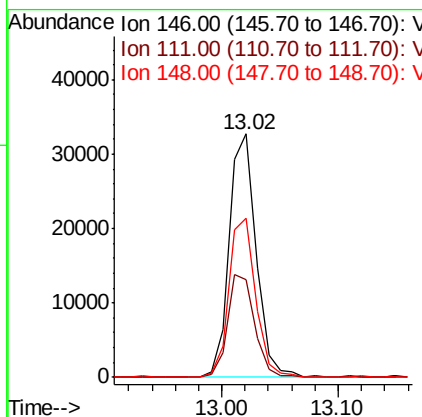
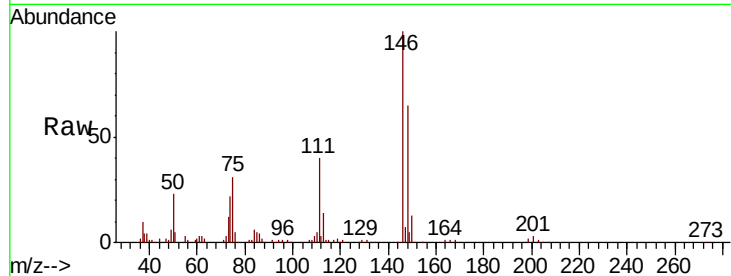
#91
 1,2-Dichlorobenzene
 Concen: 11.812 ug/l
 RT: 13.02 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	22.8	68.4
148	65.1	32.3	96.9

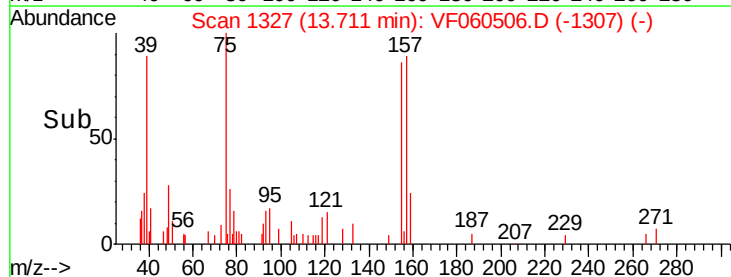
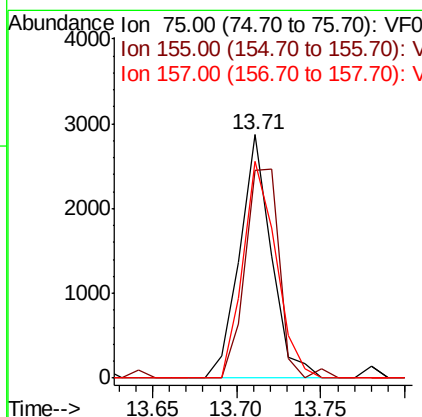
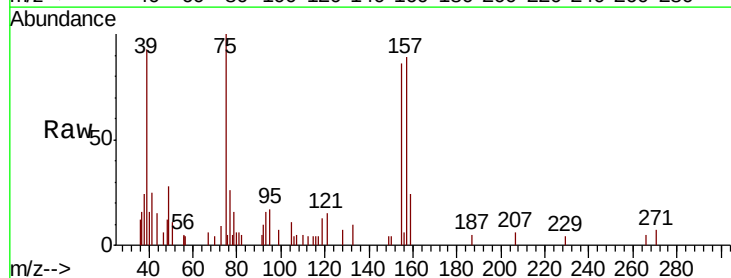
Manual Integrations
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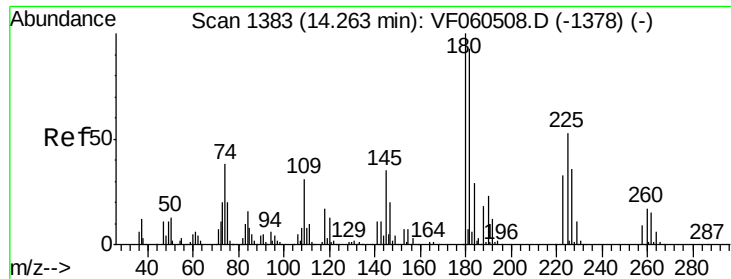
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.641 ug/l
 RT: 13.71 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.6	34.7	104.1
157	88.9	42.9	128.5





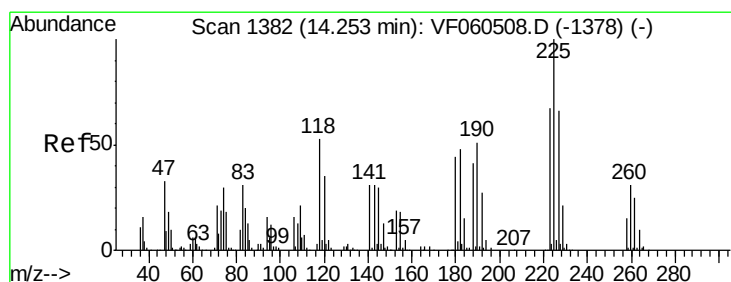
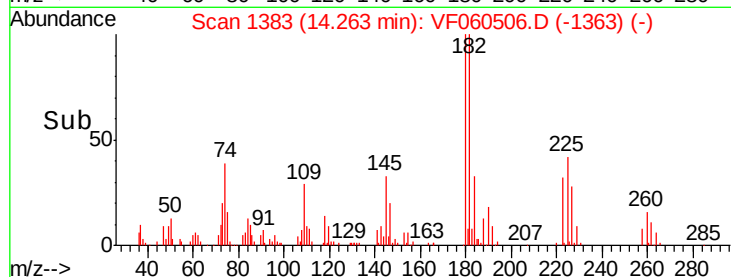
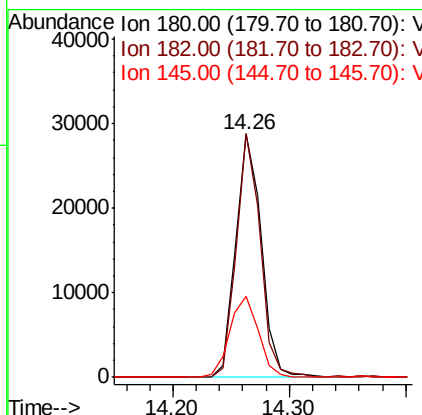
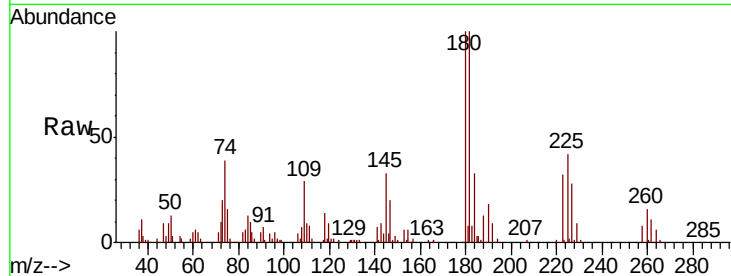
#93
 1,2,4-Trichlorobenzene
 Concen: 12.754 ug/l
 RT: 14.26 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.1	46.7	140.0
145	33.2	17.3	52.0

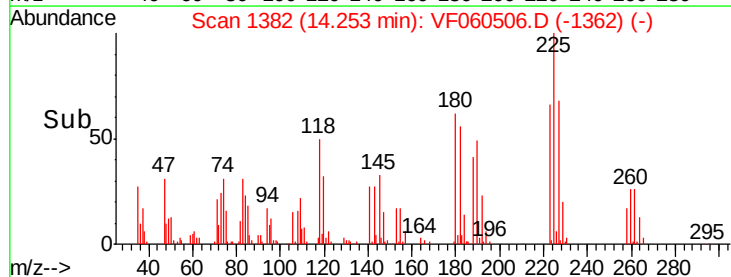
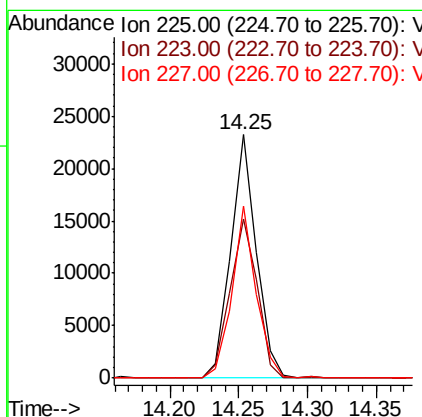
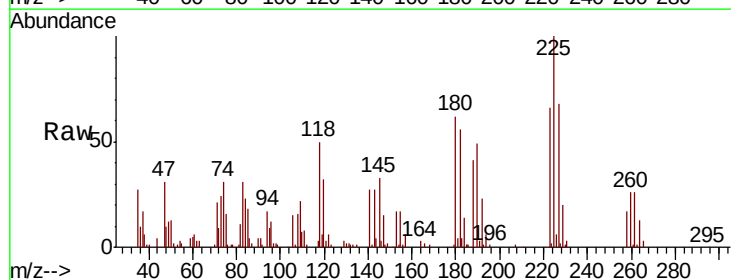
Manual Integrations
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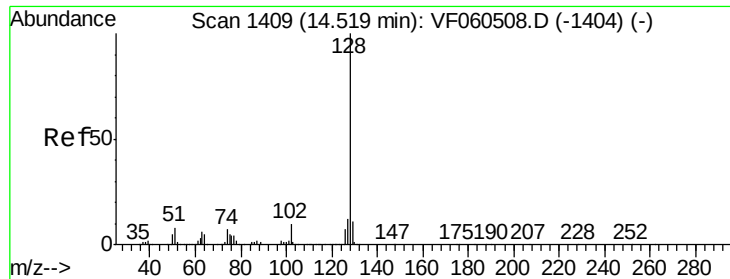
apatel
 10/26/2018 10:27:38 AM



#94
 Hexachlorobutadiene
 Concen: 12.871 ug/l
 RT: 14.25 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VF060506.D
 Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	33.4	100.2
227	70.4	32.9	98.6





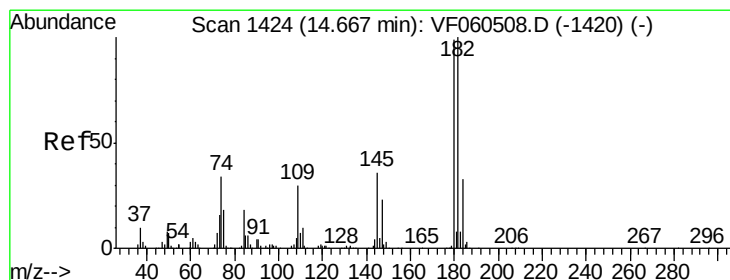
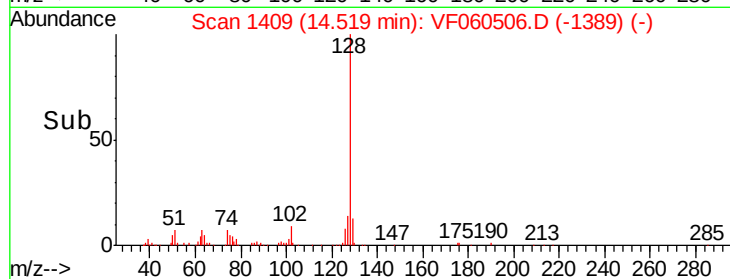
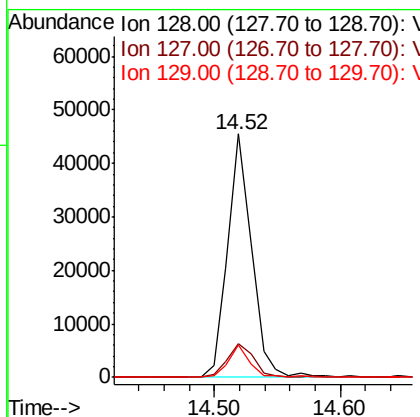
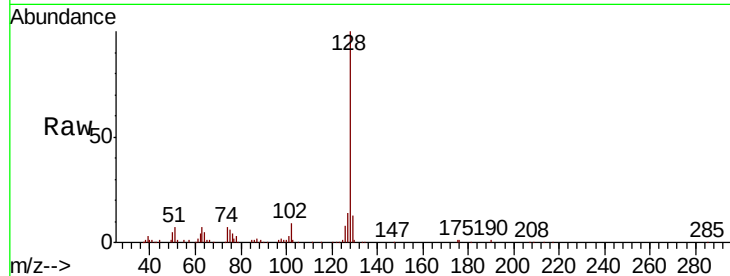
#95
Naphthalene
Concen: 10.161 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.0	15.0
129	13.5	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 12.029 ug/l
RT: 14.67 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VF060506.D
Acq: 25 Oct 2018 14:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	50.7	152.1
145	39.4	18.1	54.4

