

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
 Data File : VF060480.D
 Acq On : 8 Oct 2018 12:29
 Operator : VA/AP
 Sample : VF1008SBS01
 Misc : 5.00/5mL/MSVOA_F/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1008SBS01

Manual Integrations
 APPROVED

apatel
 10/9/2018 8:53:23 AM

Quant Time: Oct 09 01:47:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.00	168	249267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.72	114	411429	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.88	117	366398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	191293	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.97	65	193942	49.72	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	4.25	113	197571	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	7.67	98	479775	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.48	95	210937	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.99	85	139905	23.067	ug/l	98
3) Chloromethane	1.13	50	79189	23.395	ug/l	97
4) Vinyl Chloride	1.17	62	79827	22.671	ug/l	96
5) Bromomethane	1.35	94	61007	22.368	ug/l	86
6) Chloroethane	1.42	64	39871	22.691	ug/l	98
7) Trichlorofluoromethane	1.53	101	176179	21.566	ug/l	90
8) Diethyl Ether	1.69	74	23868	21.319	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	1.89	101	86611	22.133	ug/l	97
10) Methyl Iodide	1.96	142	133998	22.454	ug/l	95
11) Tert butyl alcohol	2.68	59	22850	96.852	ug/l #	86
12) 1,1-Dichloroethene	1.85	96	66735	22.072	ug/l	97
13) Acrolein	2.07	56	18385	96.898	ug/l #	81
14) Allyl chloride	2.16	41	108020	22.296	ug/l	95
15) Acrylonitrile	3.04	53	45669	112.969	ug/l	94
16) Acetone	2.32	43	115275	132.326	ug/l	97
17) Carbon Disulfide	1.88	76	206118	22.513	ug/l	95
18) Methyl Acetate	2.43	43	29633	19.117	ug/l	96
19) Methyl tert-butyl Ether	2.51	73	162671	22.089	ug/l	91
20) Methylene Chloride	2.31	84	68469m	20.799	ug/l	
21) trans-1,2-Dichloroethene	2.39	96	68233	22.596	ug/l	95
22) Diisopropyl ether	2.90	45	211944	24.101	ug/l #	95
23) Vinyl Acetate	3.30	43	376503	107.781	ug/l	99
24) 1,1-Dichloroethane	2.97	63	143692	24.163	ug/l	99
25) 2-Butanone	4.47	43	112125	111.020	ug/l #	90
26) 2,2-Dichloropropane	3.73	77	76616	22.747	ug/l	90
27) cis-1,2-Dichloroethene	3.59	96	74775	22.147	ug/l	92
28) Bromochloromethane	3.85	49	46359	21.152	ug/l	98
29) Tetrahydrofuran	4.21	42	41507	106.468	ug/l	96
30) Chloroform	4.00	83	163007	22.214	ug/l	95
31) Cyclohexane	3.82	56	99819	23.376	ug/l	90
32) 1,1,1-Trichloroethane	4.23	97	136419	22.341	ug/l	96
36) 1,1-Dichloropropene	4.42	75	113972	22.468	ug/l	95
37) Ethyl Acetate	4.25	43	39951	20.567	ug/l	80
38) Carbon Tetrachloride	4.12	117	124850	20.220	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.58	83	118640	23.857	ug/l	86
40) Benzene	4.76	78	238198	23.654	ug/l	98
41) Methacrylonitrile	4.88	41	22851	22.186	ug/l #	82
42) 1,2-Dichloroethane	5.08	62	99176	20.644	ug/l	97
43) Isopropyl Acetate	7.07	43	44034	18.758	ug/l #	96
44) Trichloroethene	5.63	130	74841	23.163	ug/l	99
45) 1,2-Dichloropropane	6.36	63	59231	22.087	ug/l	96
46) Dibromomethane	6.21	93	43943	20.380	ug/l	86
47) Bromodichloromethane	6.51	83	112873	21.137	ug/l	96
48) Methyl methacrylate	6.84	41	33367	19.801	ug/l	96
49) 1,4-Dioxane	6.83	88	5457	375.589	ug/l #	68
51) 4-Methyl-2-Pentanone	8.36	43	165693	99.156	ug/l	97
52) Toluene	7.74	92	144818	21.173	ug/l	98
53) t-1,3-Dichloropropene	8.38	75	92110	22.010	ug/l	99
54) cis-1,3-Dichloropropene	7.42	75	103662	21.194	ug/l	98
55) 1,1,2-Trichloroethane	8.60	97	42276	19.500	ug/l #	92
56) Ethyl methacrylate	8.72	69	45202	18.348	ug/l	93
57) 1,3-Dichloropropane	8.96	76	77848	21.225	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.74	63	27792	110.442	ug/l	100
59) 2-Hexanone	9.60	43	131051	106.921	ug/l	96
60) Dibromochloromethane	8.83	129	68398	20.953	ug/l	95
61) 1,2-Dibromoethane	9.10	107	52208	22.007	ug/l	92
64) Tetrachloroethene	8.26	164	66478	22.824	ug/l	94
65) Chlorobenzene	9.90	112	165332	21.967	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.04	131	76552	23.294	ug/l	98
67) Ethyl Benzene	10.00	91	314130	21.950	ug/l	95
68) m/p-Xylenes	10.24	106	221295	44.983	ug/l	98
69) o-Xylene	10.80	106	114227	21.301	ug/l	85
70) Styrene	10.87	104	167326	21.937	ug/l	98
71) Bromoform	10.86	173	32963	18.840	ug/l	89
73) Isopropylbenzene	11.20	105	345388	22.931	ug/l	96
74) N-amyl acetate	11.44	43	67257	19.456	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.76	83	58407	21.270	ug/l	97
76) 1,2,3-Trichloropropane	11.86	75	42351	20.949	ug/l	96
77) Bromobenzene	11.57	156	75462	22.413	ug/l	97
78) n-propylbenzene	11.67	91	436679	23.915	ug/l	100
79) 2-Chlorotoluene	11.78	91	245250	22.961	ug/l	97
80) 1,3,5-Trimethylbenzene	11.88	105	304300	23.779	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.93	75	18475m	20.616	ug/l	
82) 4-Chlorotoluene	11.96	91	248959	22.780	ug/l	94
83) tert-Butylbenzene	12.19	119	304415	24.118	ug/l	98
84) 1,2,4-Trimethylbenzene	12.26	105	226189	17.823	ug/l	90
85) sec-Butylbenzene	12.36	105	415736	23.863	ug/l	98
86) p-Isopropyltoluene	12.51	119	333211	23.411	ug/l	98
87) 1,3-Dichlorobenzene	12.53	146	145546	22.973	ug/l	98
88) 1,4-Dichlorobenzene	12.62	146	141861	22.707	ug/l	98
89) n-Butylbenzene	12.90	91	368500	24.467	ug/l	94
90) Hexachloroethane	12.98	117	87088	23.674	ug/l	74
91) 1,2-Dichlorobenzene	13.00	146	137826	22.704	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.70	75	10524	19.769	ug/l	78

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	110166	24.280	ug/l	98
94) Hexachlorobutadiene	14.24	225	73701	23.274	ug/l	95
95) Naphthalene	14.50	128	166716	20.551	ug/l	98
96) 1,2,3-Trichlorobenzene	14.64	180	100338	23.591	ug/l	99

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

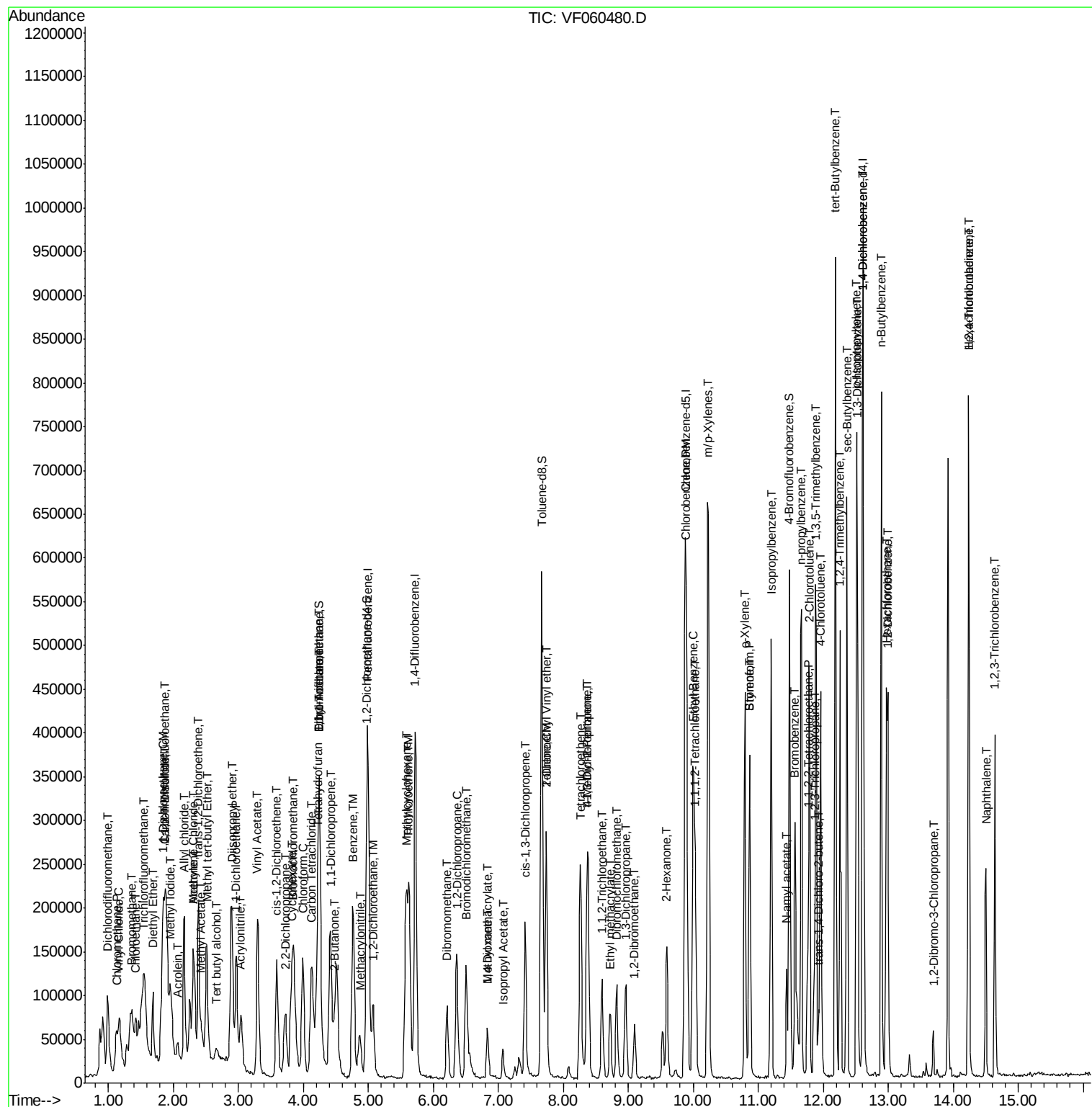
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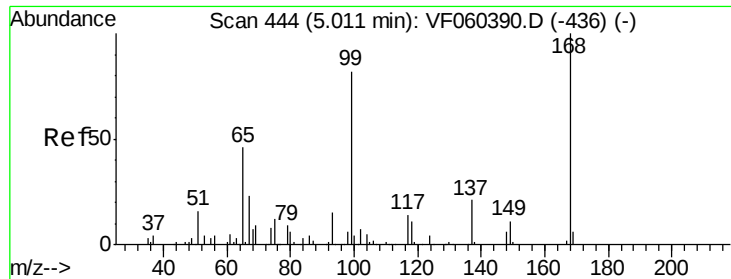
Instrument :
MSVOA_F
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

ClientSampleId :

VF1008SBS01

Tgt Ion:168 Resp: 249267

Ion Ratio Lower Upper

168 100

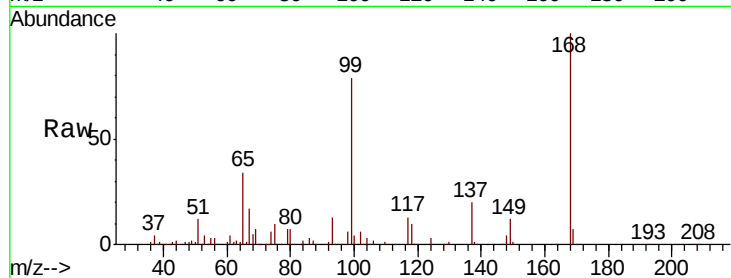
99 79.3 65.3 97.9

Manual Integrations

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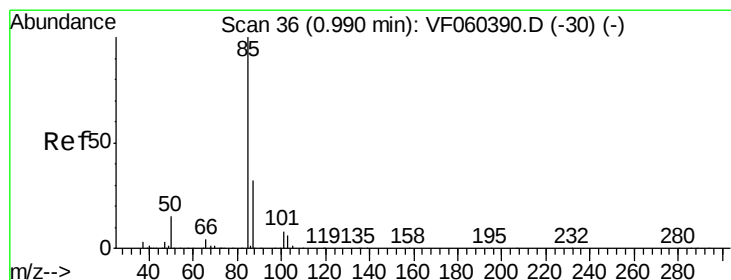
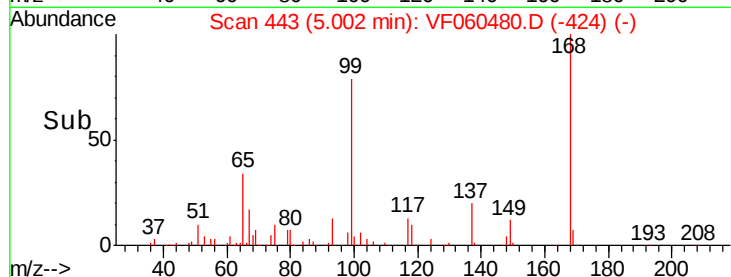
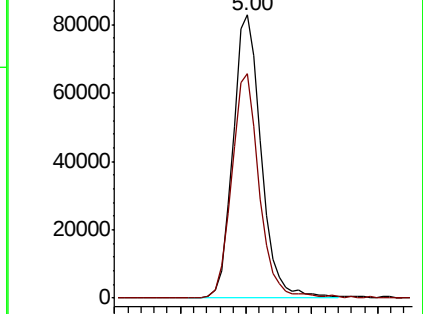
apatel

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 23.067 ug/l

RT: 0.99 min Scan# 36

Delta R.T. 0.00 min

Lab File: VF060480.D

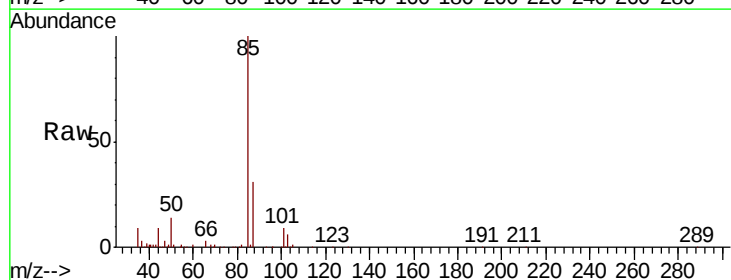
Acq: 8 Oct 2018 12:29

Tgt Ion: 85 Resp: 139905

Ion Ratio Lower Upper

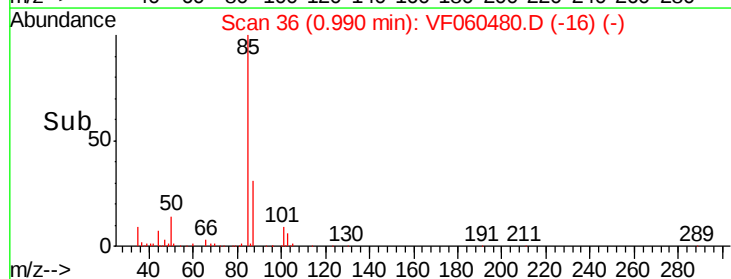
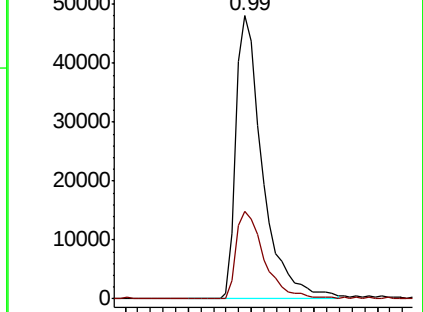
85 100

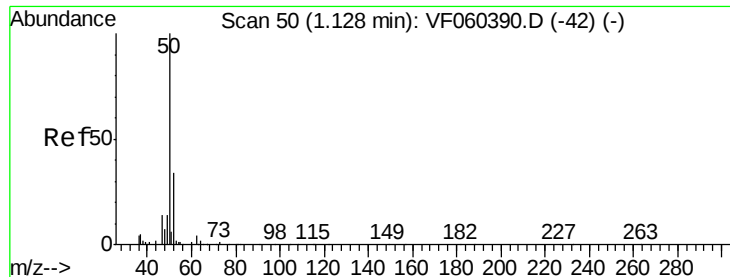
87 30.7 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 23.395 ug/l

RT: 1.13 min Scan# 50

Delta R.T. 0.00 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

ClientSampleId :

VF1008SBS01

Tgt Ion: 50 Resp: 79189

Ion Ratio Lower Upper

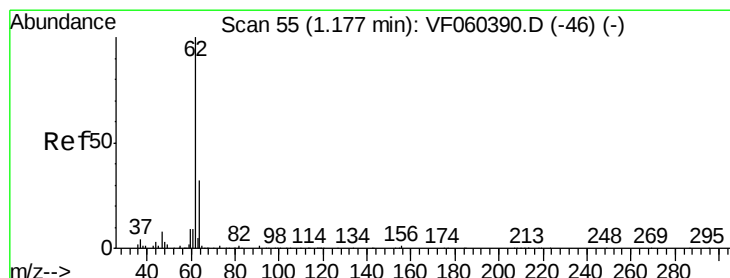
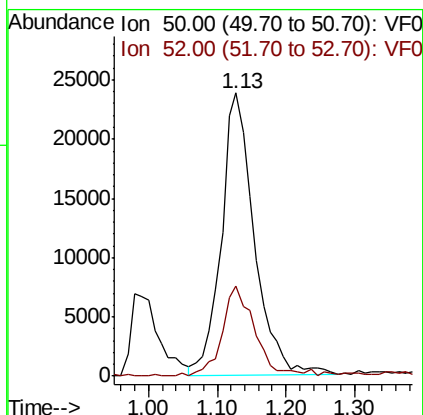
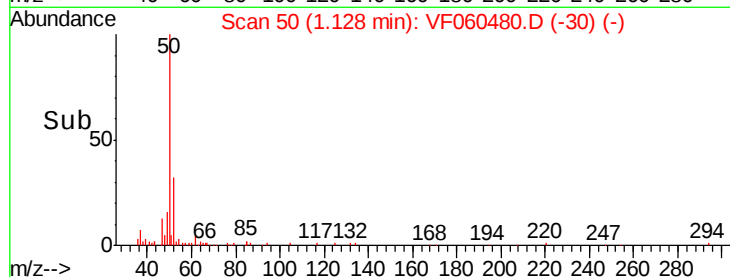
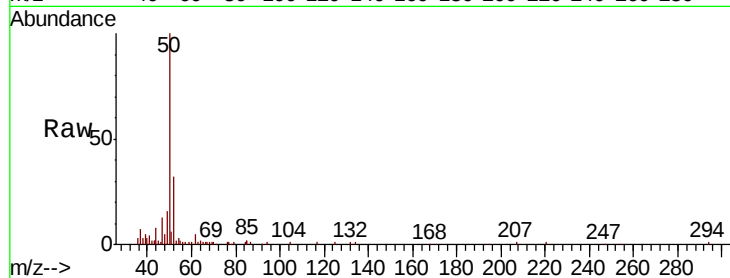
50 100

52 31.9 26.9 40.3

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#4

Vinyl Chloride

Concen: 22.671 ug/l

RT: 1.17 min Scan# 54

Delta R.T. -0.01 min

Lab File: VF060480.D

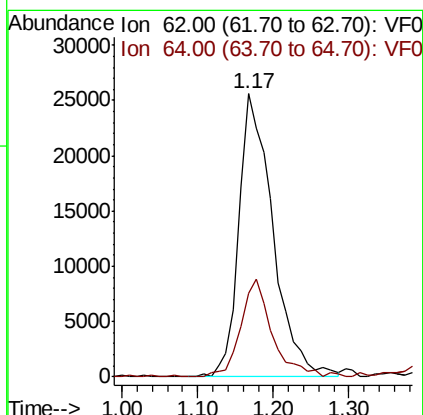
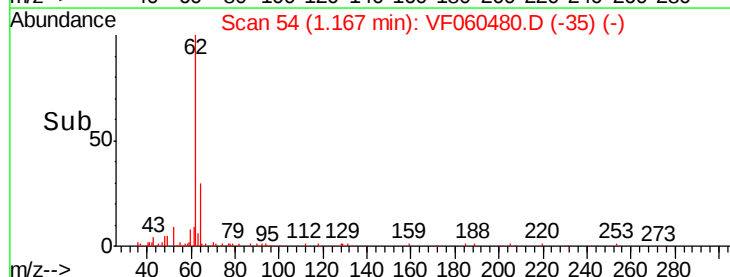
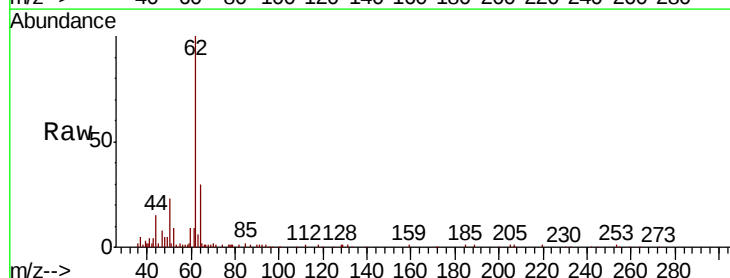
Acq: 8 Oct 2018 12:29

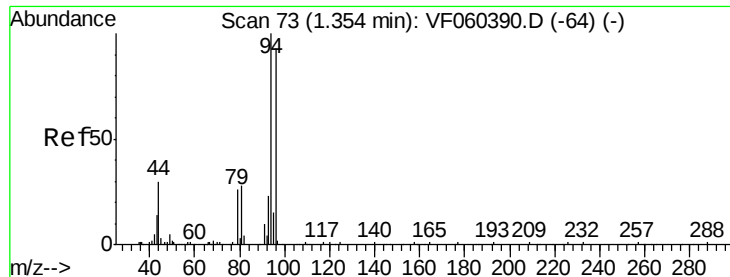
Tgt Ion: 62 Resp: 79827

Ion Ratio Lower Upper

62 100

64 29.7 25.8 38.6





#5

Bromomethane

Concen: 22.368 ug/l

RT: 1.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

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Tgt Ion: 94 Resp: 61007

Ion Ratio Lower Upper

94 100

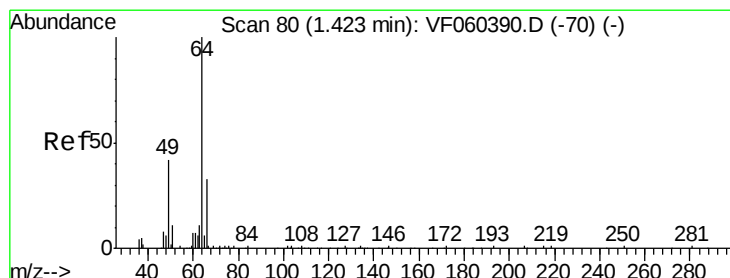
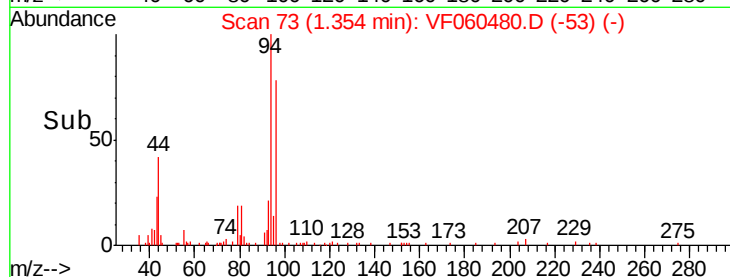
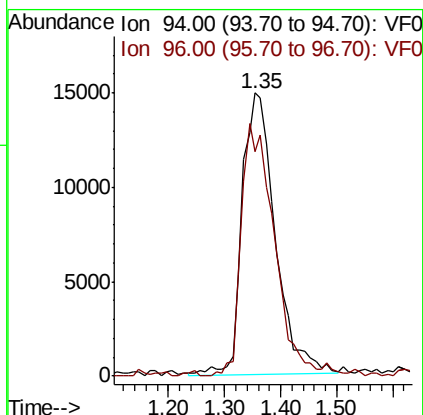
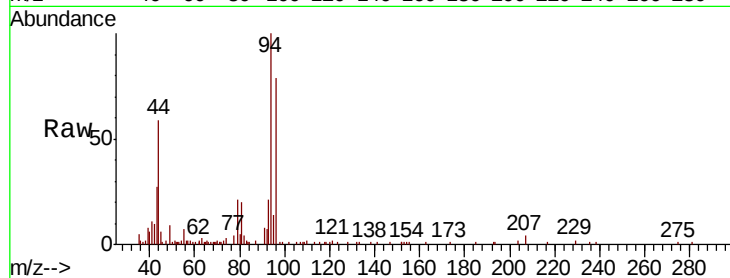
96 79.5 74.3 111.5

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#6

Chloroethane

Concen: 22.691 ug/l

RT: 1.42 min Scan# 80

Delta R.T. 0.00 min

Lab File: VF060480.D

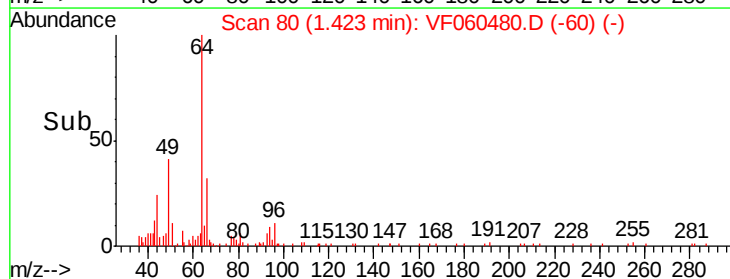
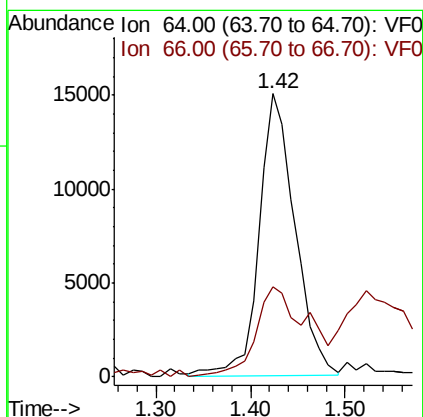
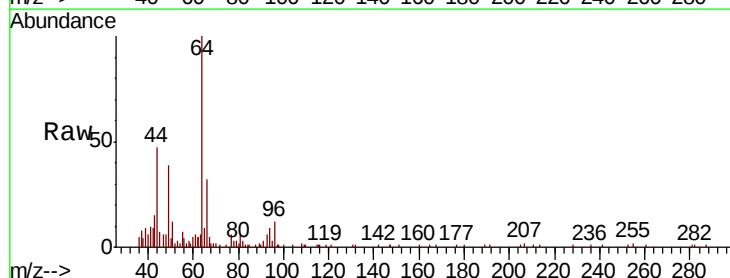
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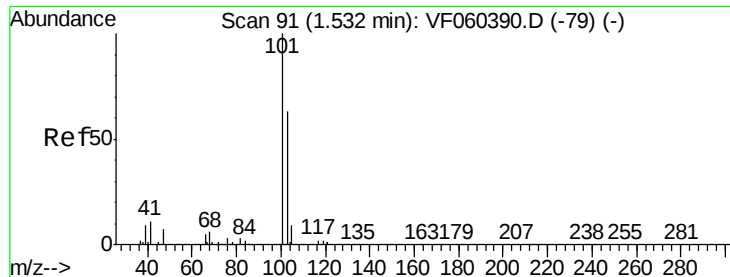
Tgt Ion: 64 Resp: 39871

Ion Ratio Lower Upper

64 100

66 31.8 26.3 39.5





#7

Trichlorofluoromethane

Concen: 21.566 ug/l

RT: 1.53 min Scan# 91

Delta R.T. 0.00 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

ClientSampleId :

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Tgt Ion: 101 Resp: 176179

Ion Ratio Lower Upper

101 100

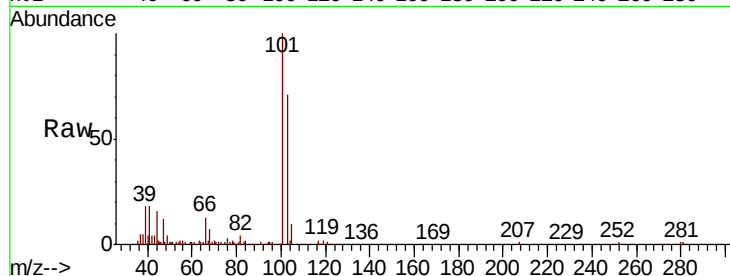
103 71.5 51.0 76.4

Manual Integrations

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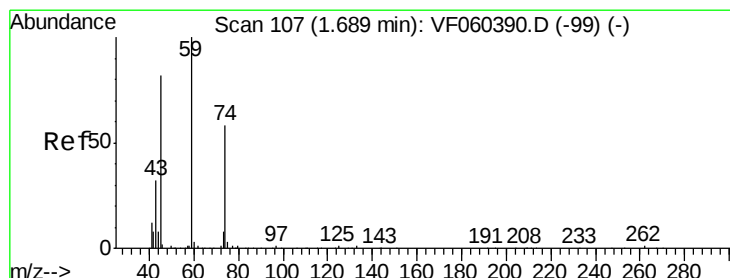
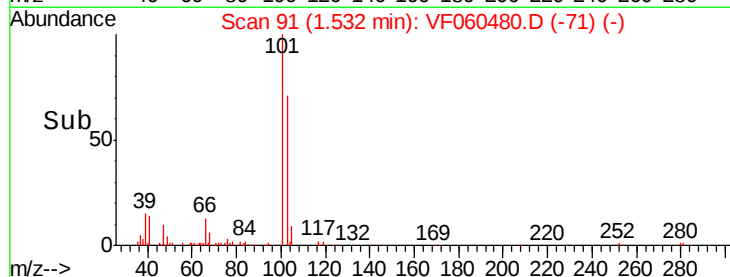
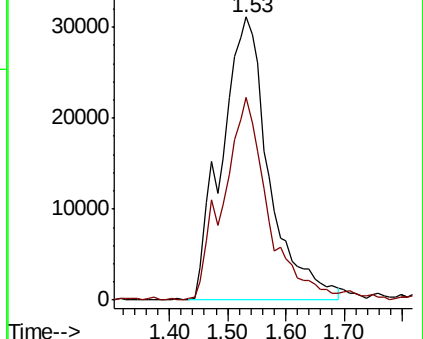
apatel

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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 21.319 ug/l

RT: 1.69 min Scan# 107

Delta R.T. 0.00 min

Lab File: VF060480.D

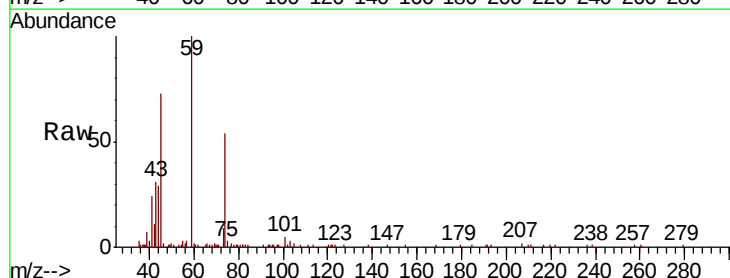
Acq: 8 Oct 2018 12:29

Tgt Ion: 74 Resp: 23868

Ion Ratio Lower Upper

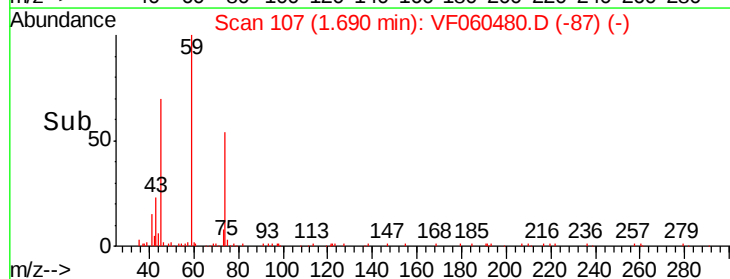
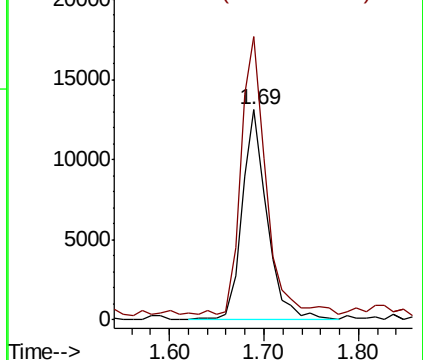
74 100

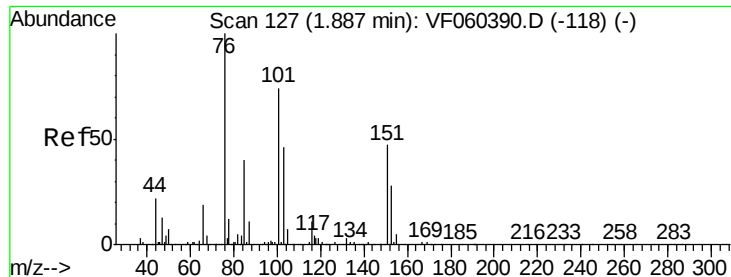
45 134.6 71.3 213.8



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.133 ug/l

RT: 1.89 min Scan# 127

Delta R.T. 0.00 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

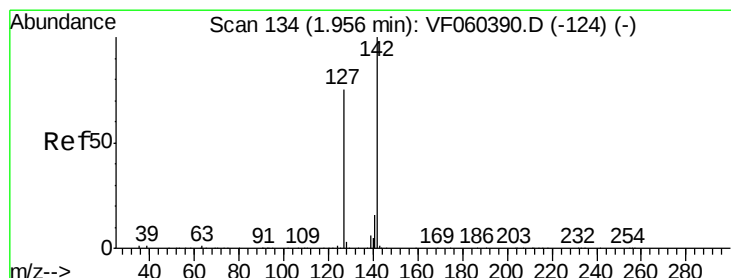
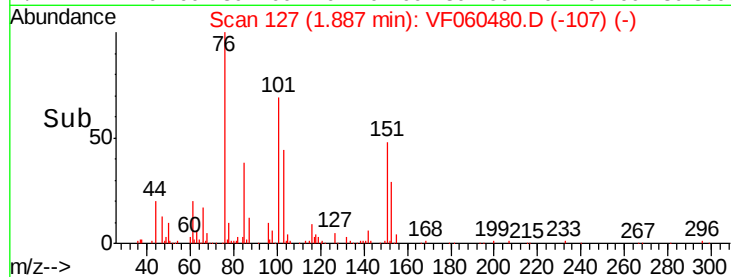
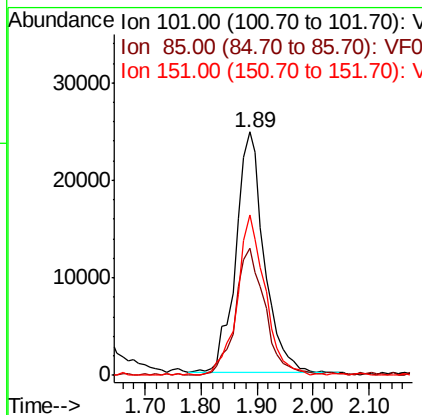
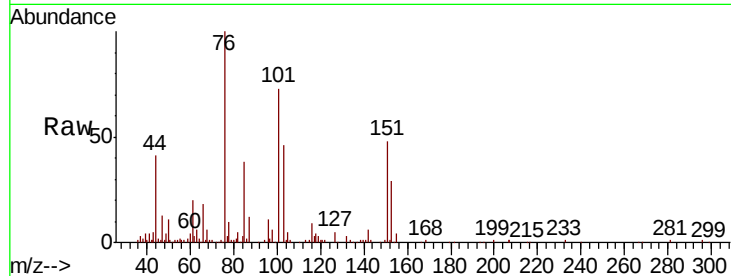
ClientSampleId :

VF1008SBS01

Tgt Ion:	101	Resp:	86611
Ion Ratio	Lower	Upper	
101	100		
85	52.4	42.5	63.7
151	66.0	49.8	74.8

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#10

Methyl Iodide

Concen: 22.454 ug/l

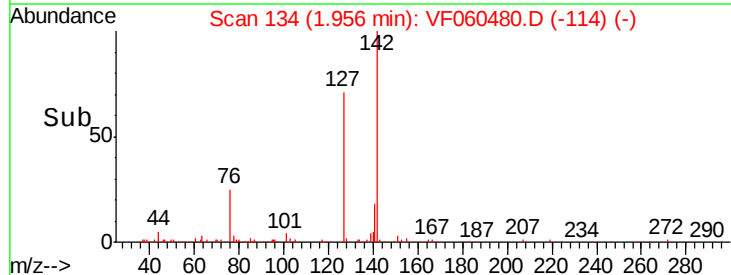
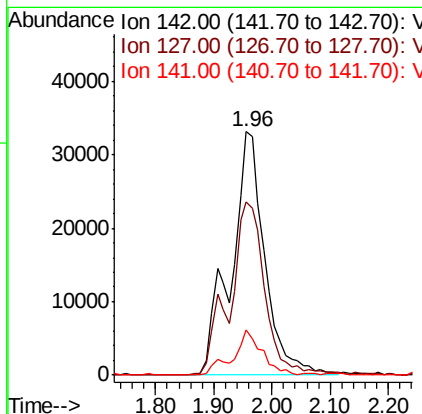
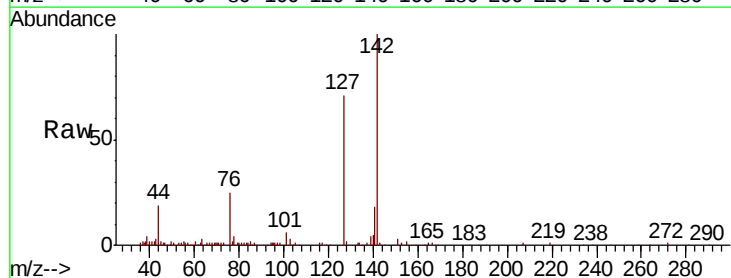
RT: 1.96 min Scan# 134

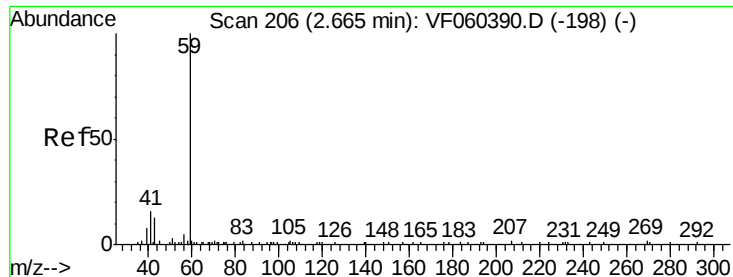
Delta R.T. 0.00 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt Ion:	142	Resp:	133998
Ion Ratio	Lower	Upper	
142	100		
127	71.3	60.2	90.2
141	18.4	13.1	19.7





#11

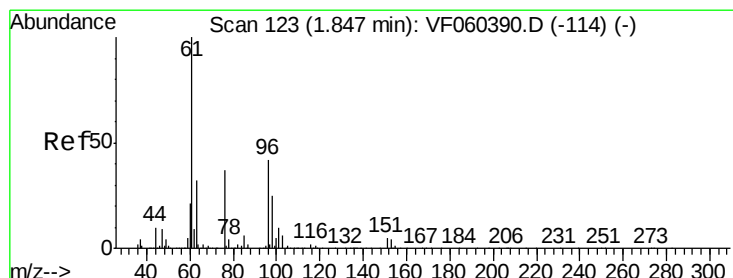
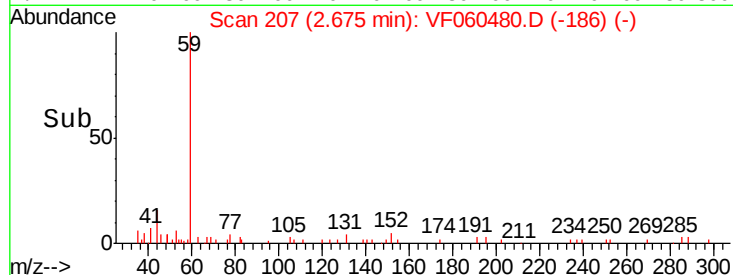
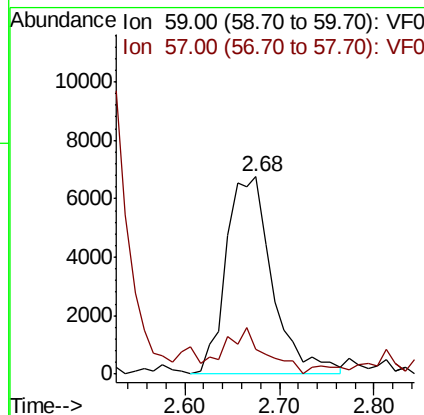
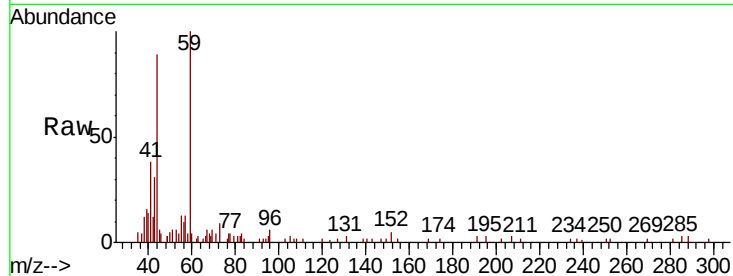
Tert butyl alcohol
Concen: 96.852 ug/l
RT: 2.68 min Scan# 207
Delta R.T. 0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	12.9	6.5	9.7#

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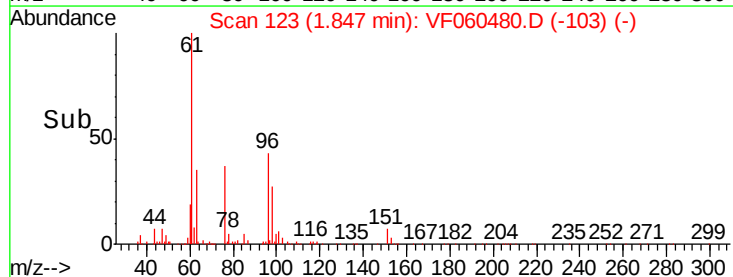
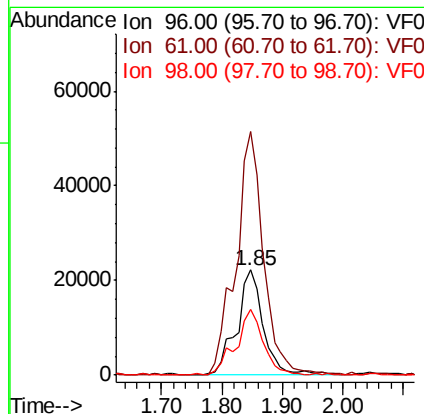
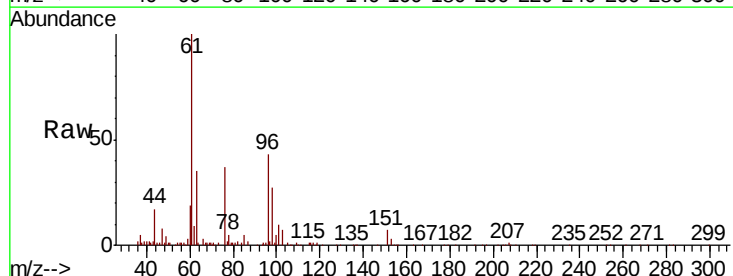
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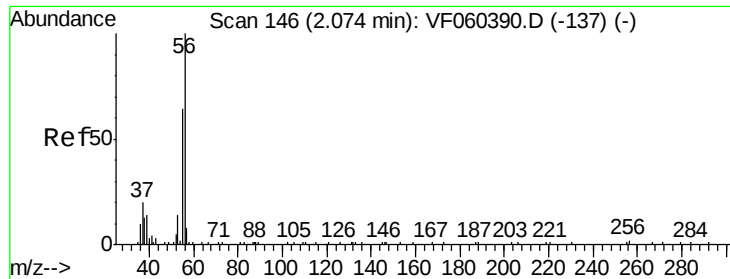


#12

1,1-Dichloroethene
Concen: 22.072 ug/l
RT: 1.85 min Scan# 123
Delta R.T. 0.00 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	231.9	189.4	284.0
98	63.1	47.8	71.6





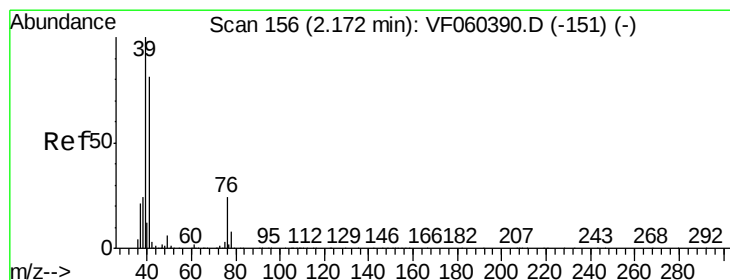
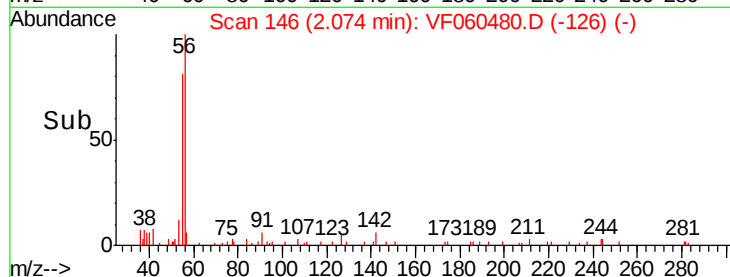
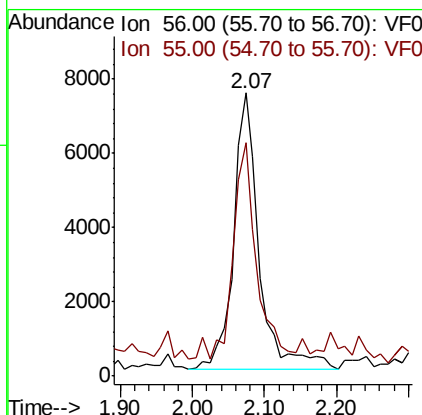
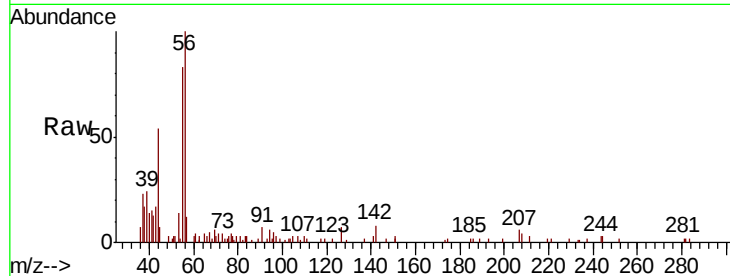
#13
Acrolein
Concen: 96.898 ug/l
RT: 2.07 min Scan# 146
Delta R.T. 0.00 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	82.7	53.9	80.9#

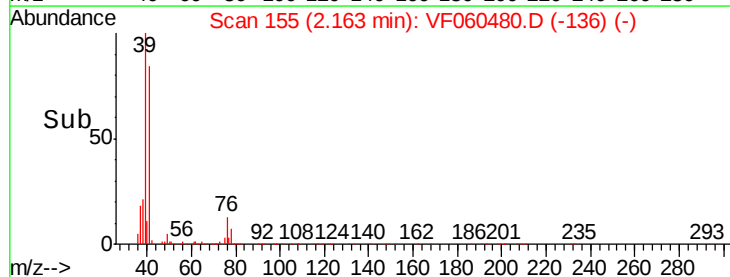
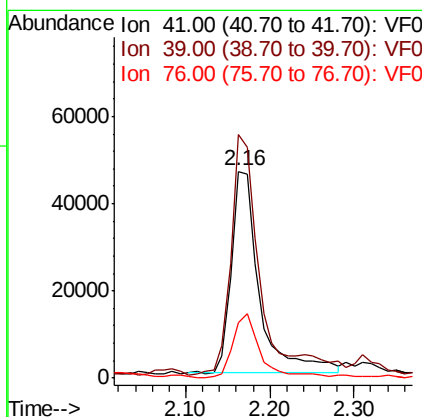
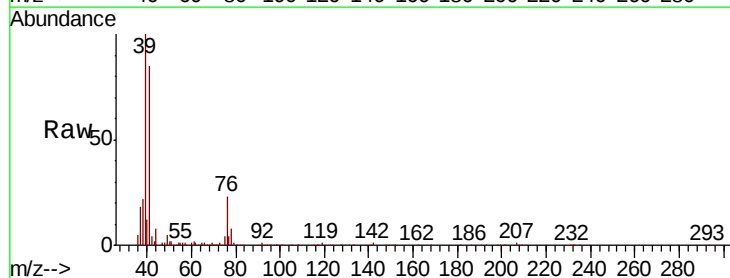
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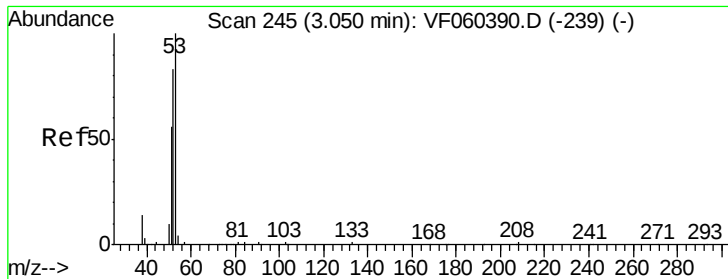
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#14
Allyl chloride
Concen: 22.296 ug/l
RT: 2.16 min Scan# 155
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Lower	Upper
41	100		
39	117.7	98.3	147.5
76	26.8	23.9	35.9





#15

Acrylonitrile

Concen: 112.969 ug/l

RT: 3.04 min Scan# 244

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

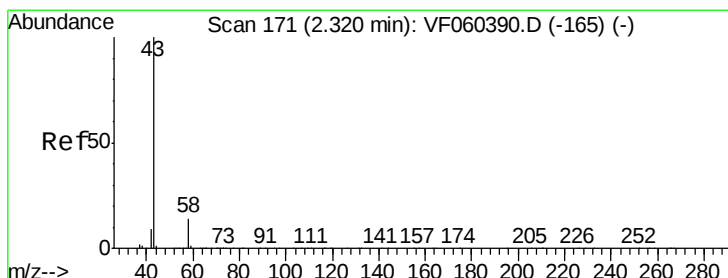
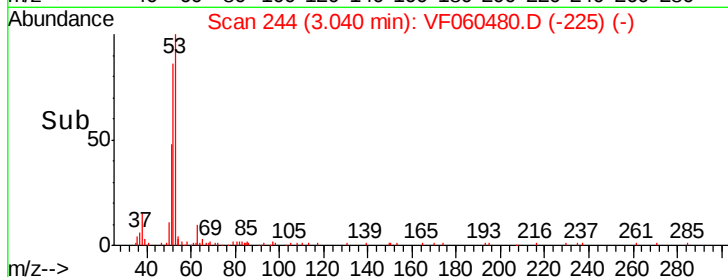
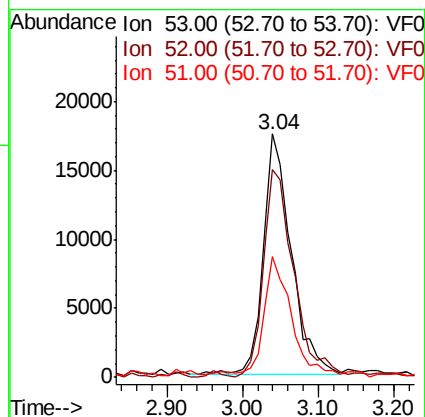
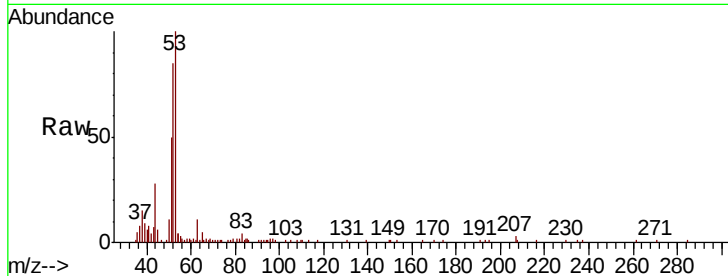
ClientSampleId :

VF1008SBS01

Tgt Ion:	53	Resp:	45669
Ion	Ratio	Lower	Upper
53	100		
52	85.3	66.0	99.0
51	49.8	45.6	68.4

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#16

Acetone

Concen: 132.326 ug/l

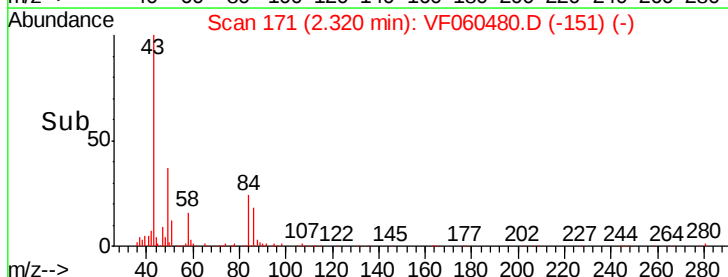
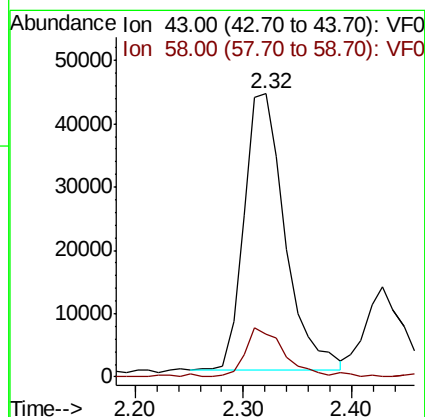
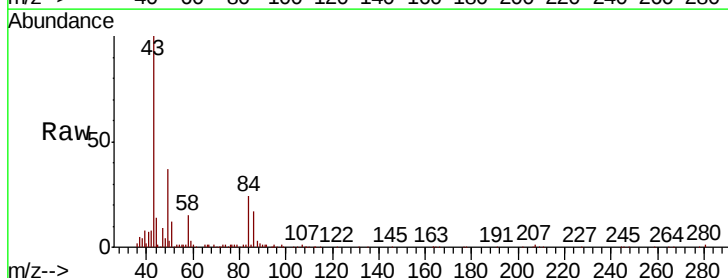
RT: 2.32 min Scan# 171

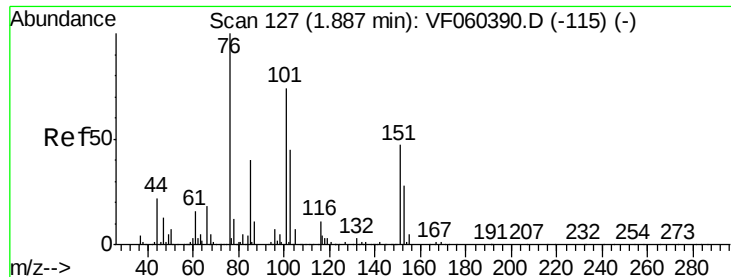
Delta R.T. 0.00 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt Ion:	43	Resp:	115275
Ion	Ratio	Lower	Upper
43	100		
58	15.2	11.2	16.8





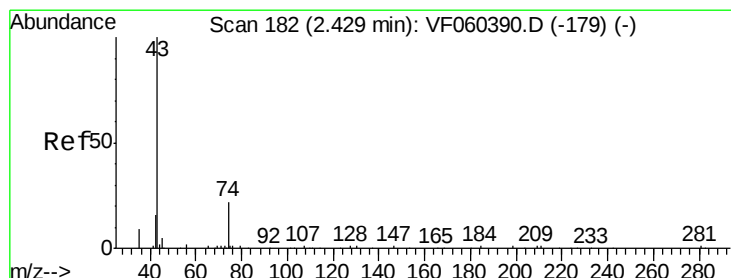
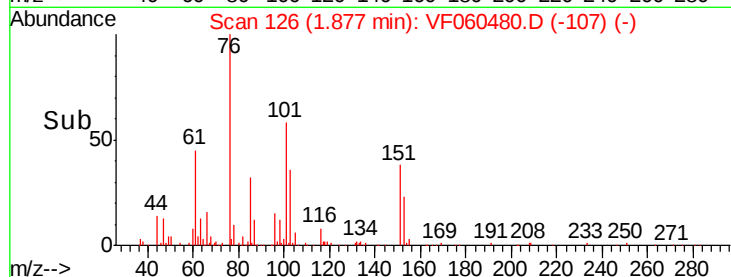
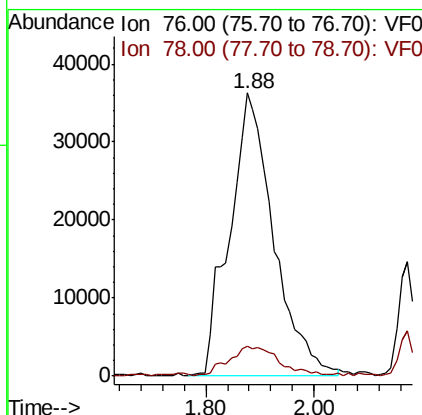
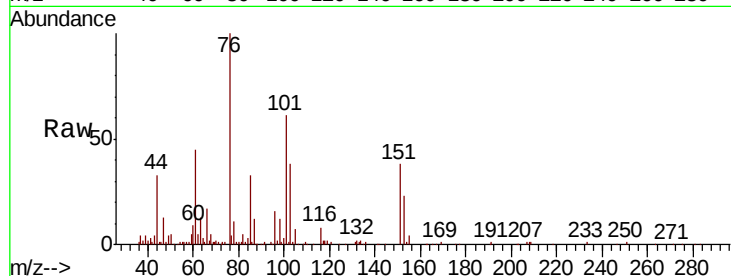
#17
Carbon Disulfide
Concen: 22.513 ug/l
RT: 1.88 min Scan# 126
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Tgt Ion: 76 Resp: 206118
Ion Ratio Lower Upper
76 100
78 10.6 10.1 15.1

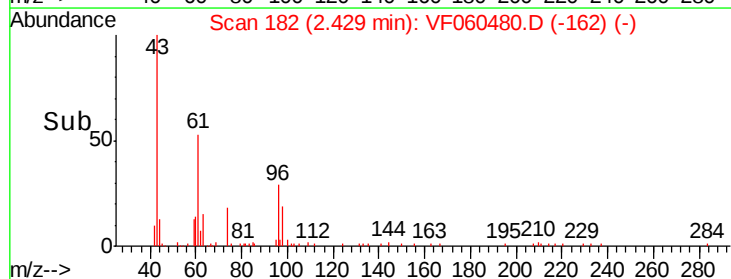
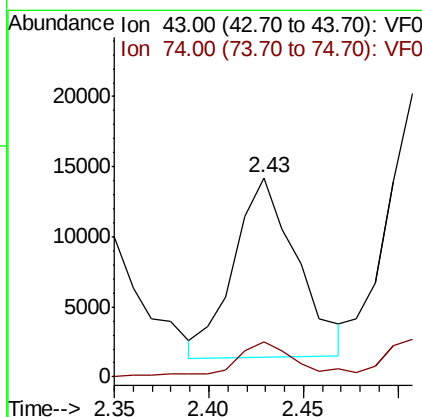
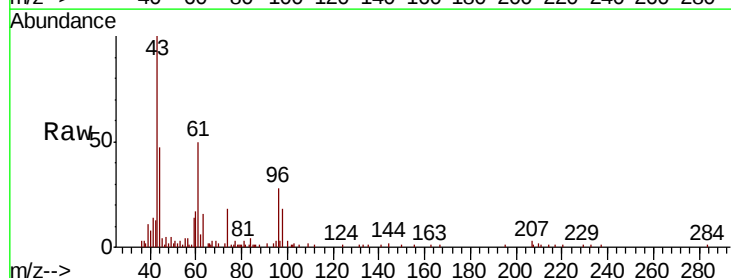
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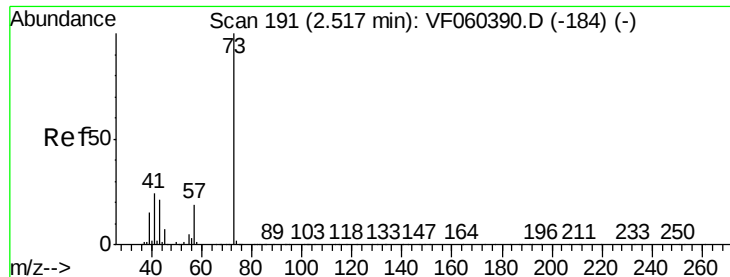
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#18
Methyl Acetate
Concen: 19.117 ug/l
RT: 2.43 min Scan# 182
Delta R.T. 0.00 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Tgt Ion: 43 Resp: 29633
Ion Ratio Lower Upper
43 100
74 17.8 15.8 23.8





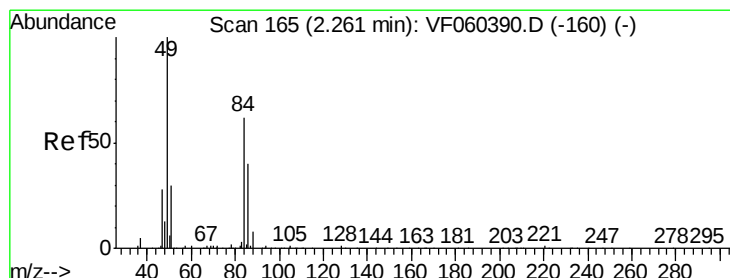
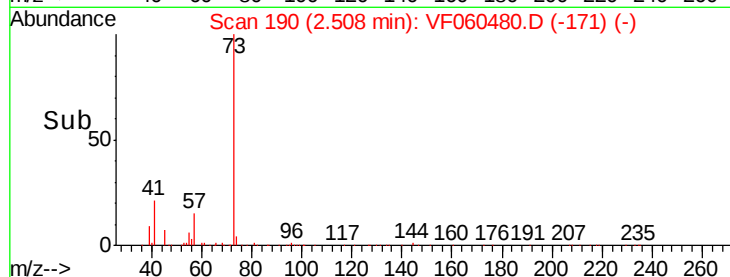
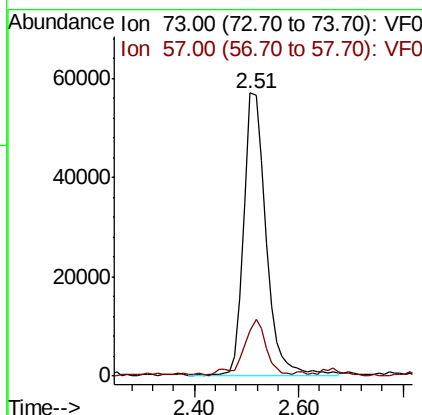
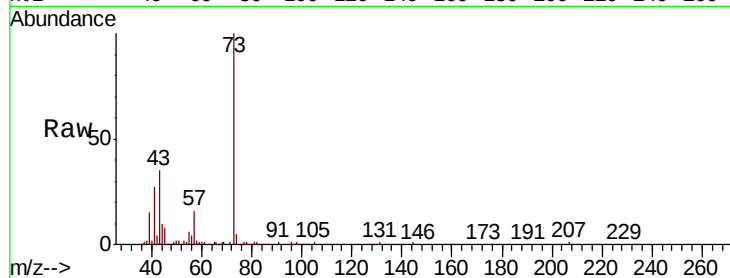
#19
Methyl tert-butyl Ether
Concen: 22.089 ug/l
RT: 2.51 min Scan# 190
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Tgt Ion: 73 Resp: 162671
Ion Ratio Lower Upper
73 100
57 16.0 15.9 23.9

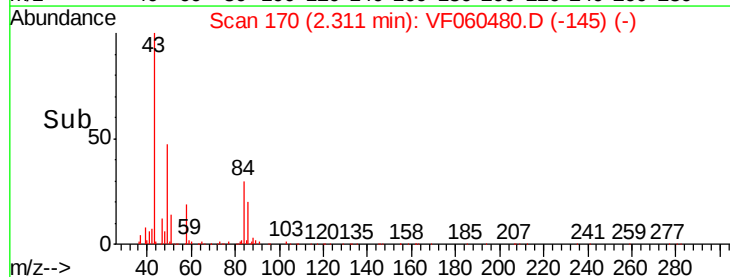
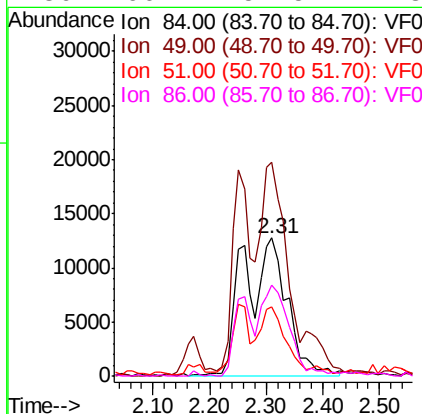
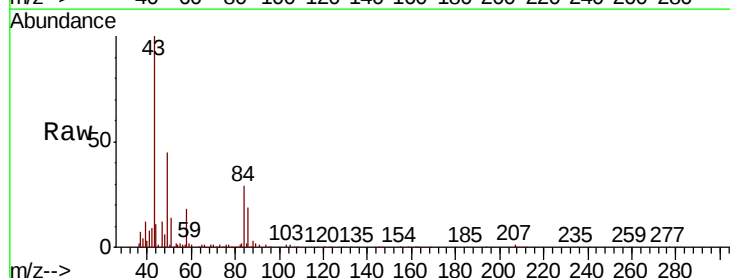
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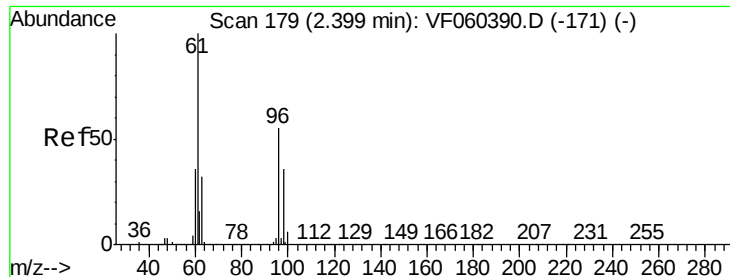
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#20
Methylene Chloride
Concen: 20.799 ug/l m
RT: 2.31 min Scan# 170
Delta R.T. 0.05 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Tgt Ion: 84 Resp: 68469
Ion Ratio Lower Upper
84 100
49 154.6 130.2 195.2
51 49.7 41.0 61.6
86 66.1 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 22.596 ug/l

RT: 2.39 min Scan# 178

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

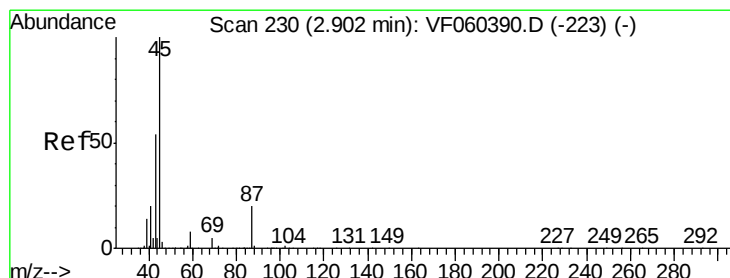
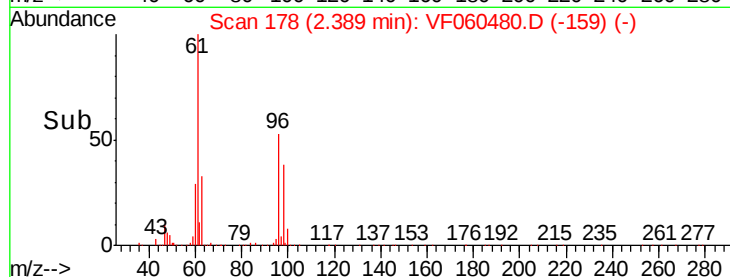
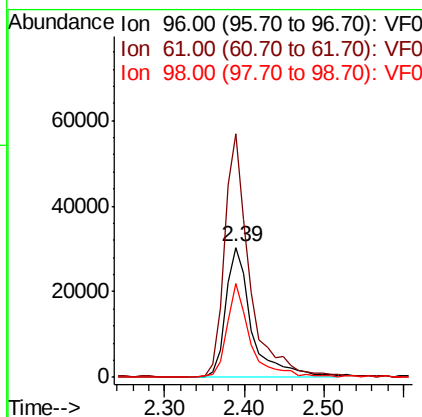
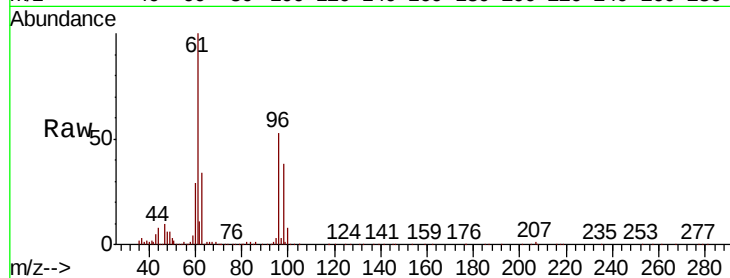
ClientSampleId :

VF1008SBS01

Tgt Ion:	96	Resp:	68233
Ion	Ratio	Lower	Upper
96	100		
61	187.1	146.2	219.2
98	73.6	52.6	78.8

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#22

Diisopropyl ether

Concen: 24.101 ug/l

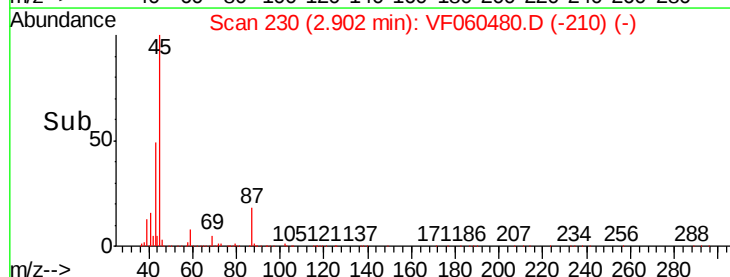
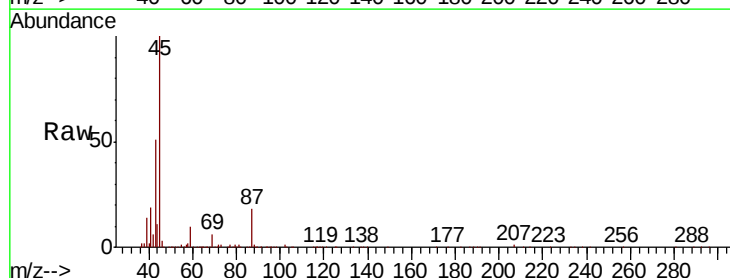
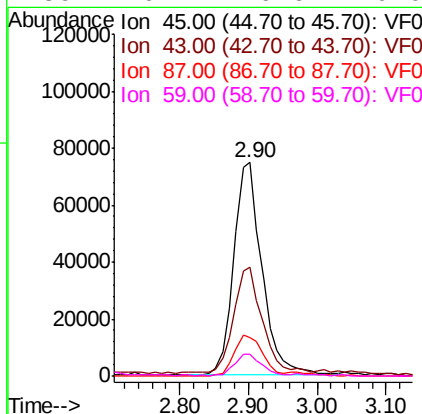
RT: 2.90 min Scan# 230

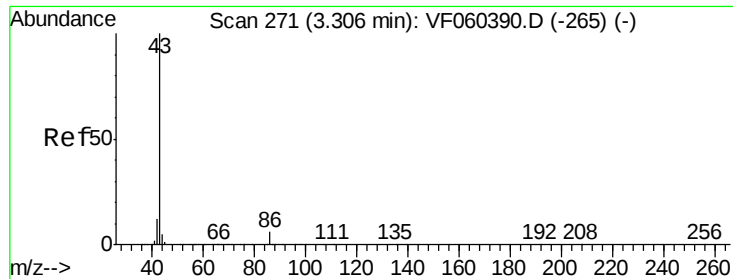
Delta R.T. 0.00 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt Ion:	45	Resp:	211944
Ion	Ratio	Lower	Upper
45	100		
43	51.0	43.8	65.8
87	17.9	16.3	24.5
59	10.1	6.6	10.0#





#23

Vinyl Acetate

Concen: 107.781 ug/l

RT: 3.30 min Scan# 270

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

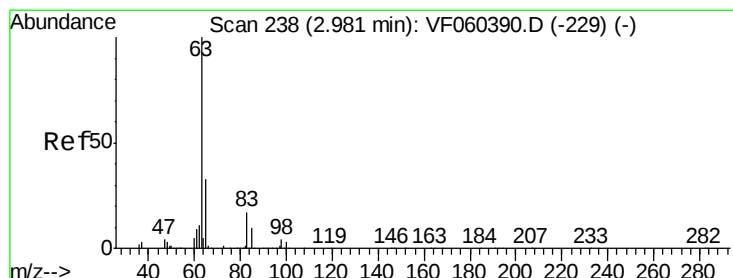
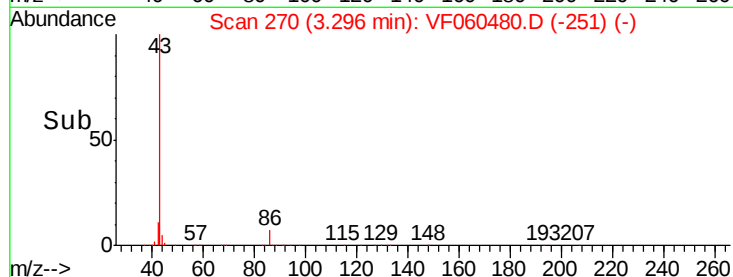
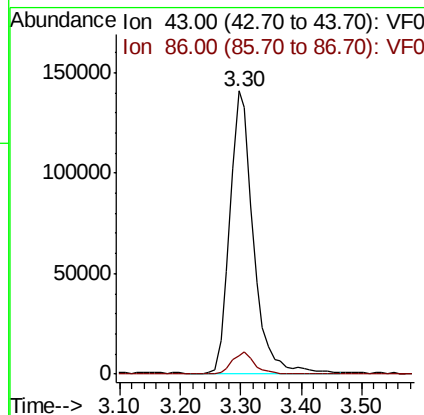
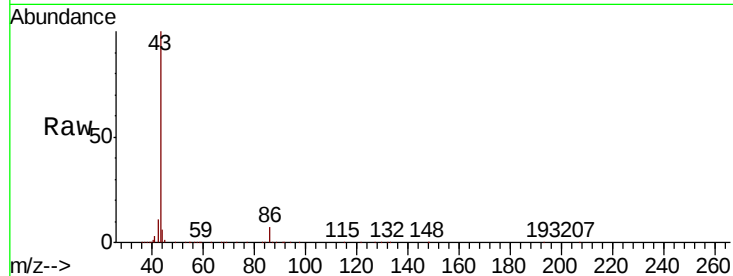
ClientSampleId :

VF1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	376503		
86	6.6	5.1	7.7	

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#24

1,1-Dichloroethane

Concen: 24.163 ug/l

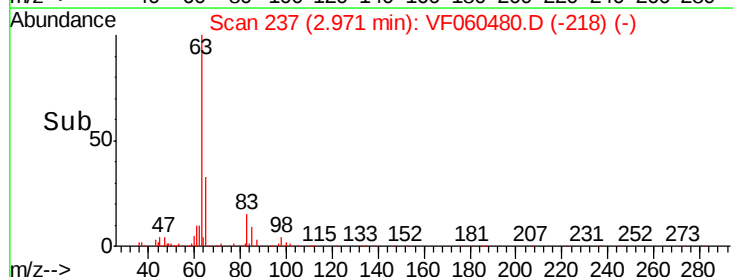
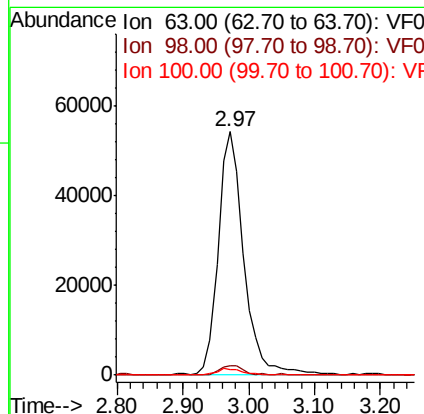
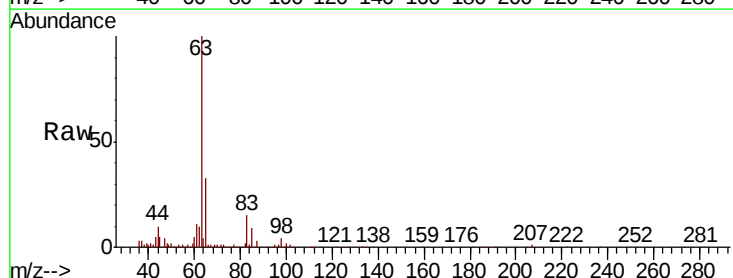
RT: 2.97 min Scan# 237

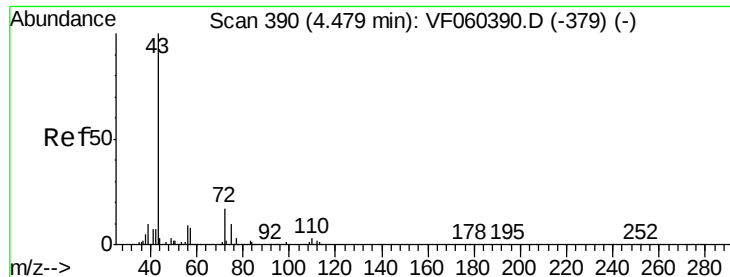
Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	143692		
98	3.9	2.0	5.8	
100	2.3	1.4	4.2	





#25

2-Butanone

Concen: 111.020 ug/l

RT: 4.47 min Scan# 389

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

ClientSampleId :

VF1008SBS01

Tgt Ion: 43 Resp: 112125

Ion Ratio Lower Upper

43 100

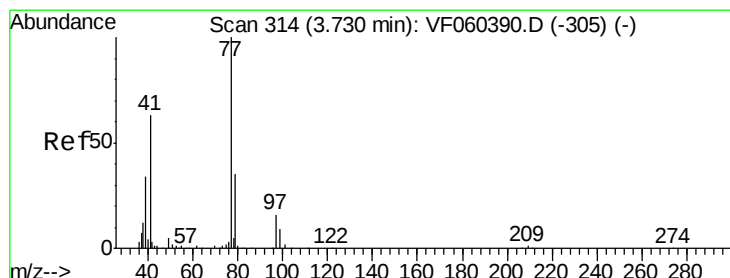
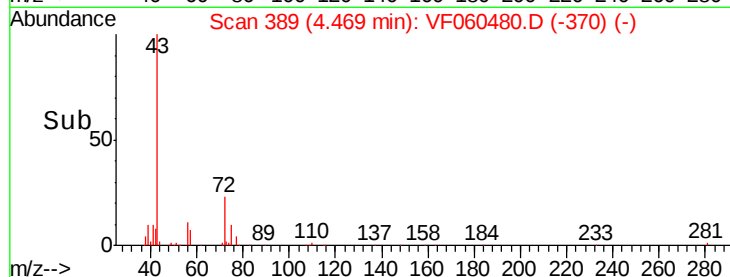
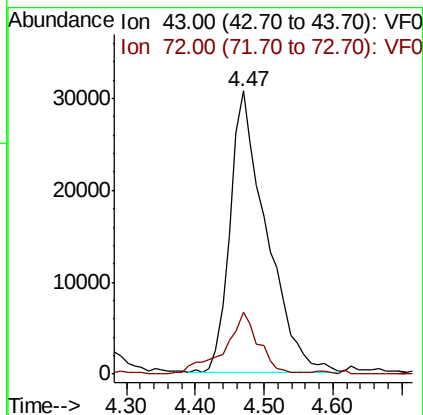
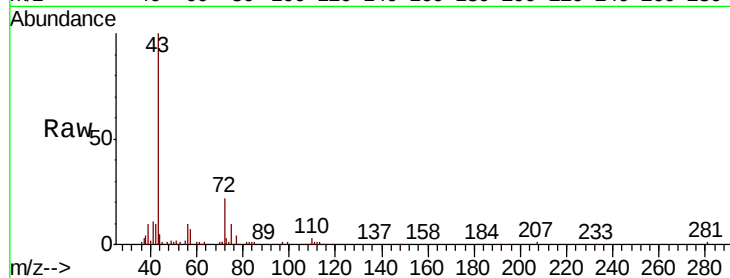
72 22.1 14.1 21.1#

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#26

2,2-Dichloropropane

Concen: 22.747 ug/l

RT: 3.73 min Scan# 314

Delta R.T. 0.00 min

Lab File: VF060480.D

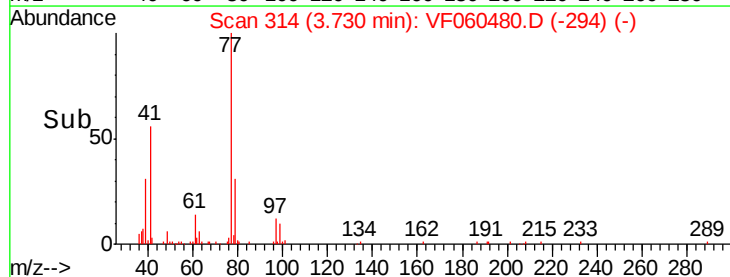
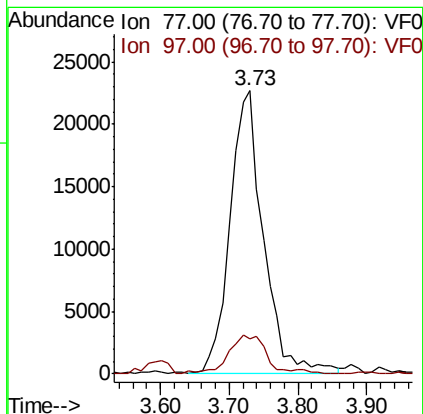
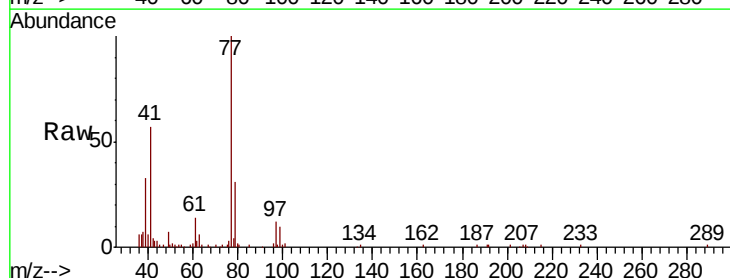
Acq: 8 Oct 2018 12:29

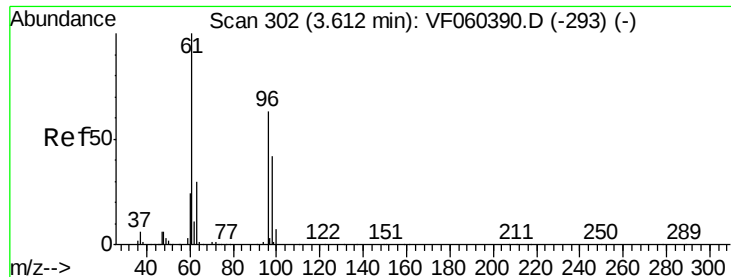
Tgt Ion: 77 Resp: 76616

Ion Ratio Lower Upper

77 100

97 12.3 8.3 25.1





#27

cis-1,2-Dichloroethene

Concen: 22.147 ug/l

RT: 3.59 min Scan# 300

Delta R.T. -0.02 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

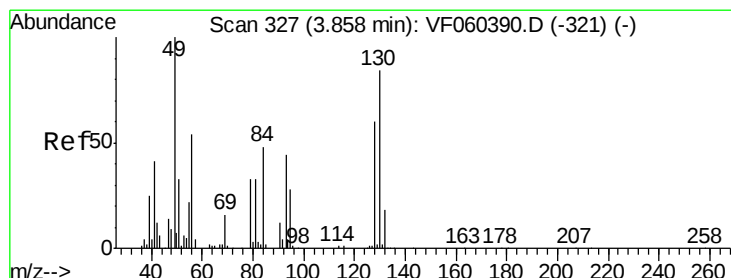
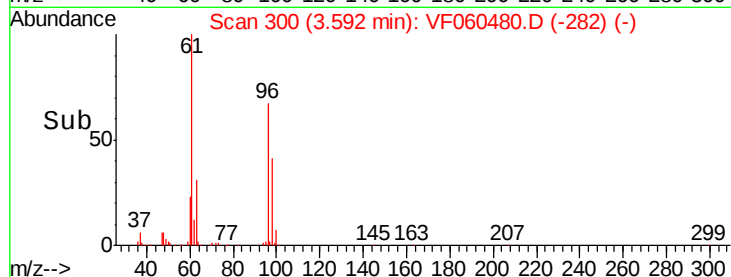
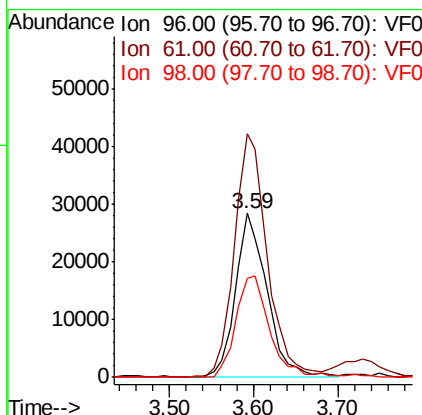
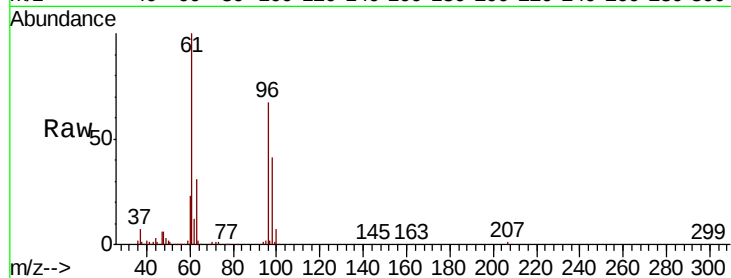
ClientSampleId :

VF1008SBS01

Tgt Ion:	96	Resp:	74775
Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	318.2
98	60.7	0.0	134.0

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#28

Bromochloromethane

Concen: 21.152 ug/l

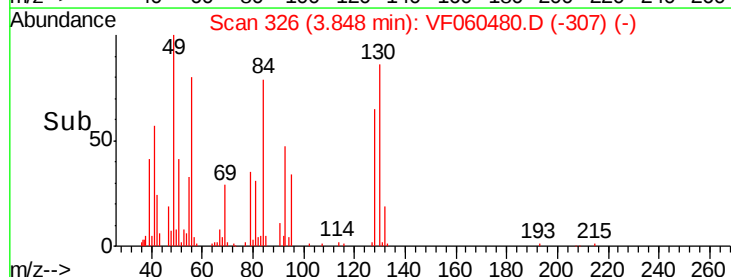
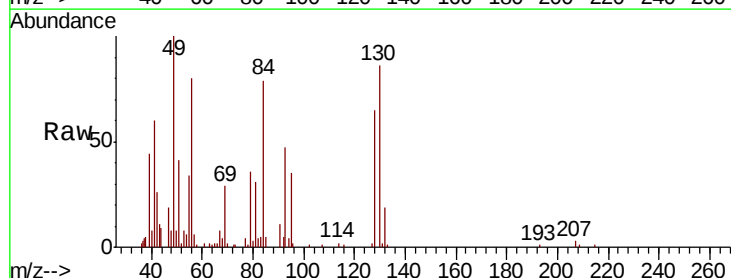
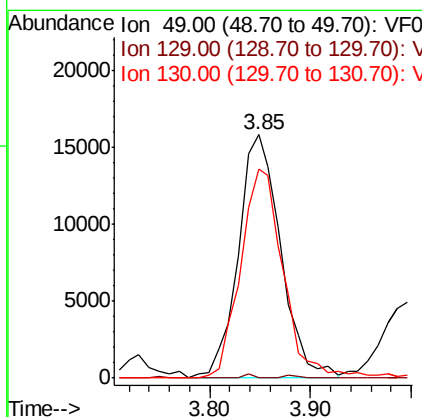
RT: 3.85 min Scan# 326

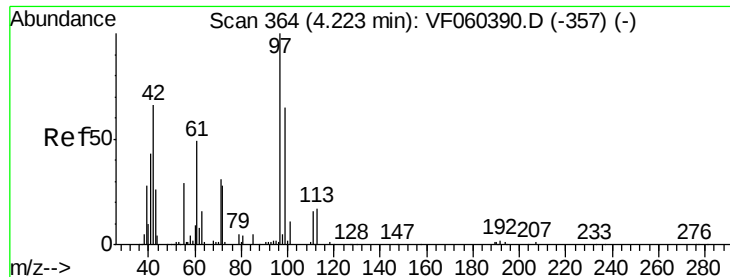
Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt Ion:	49	Resp:	46359
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	86.1	67.3	100.9





#29

Tetrahydrofuran

Concen: 106.468 ug/l

RT: 4.21 min Scan# 363

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

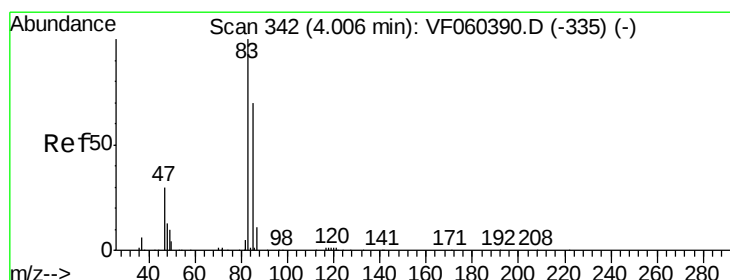
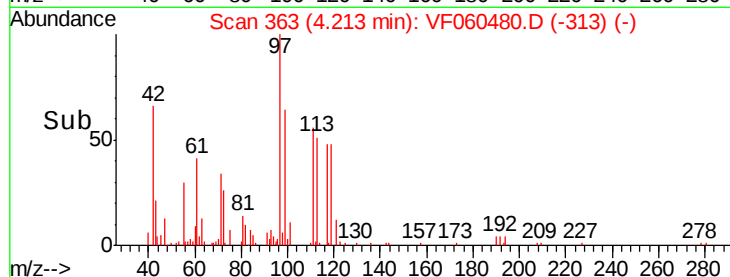
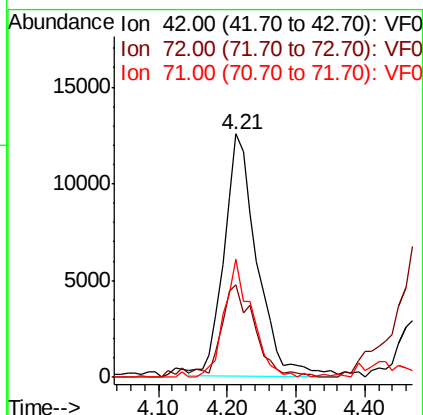
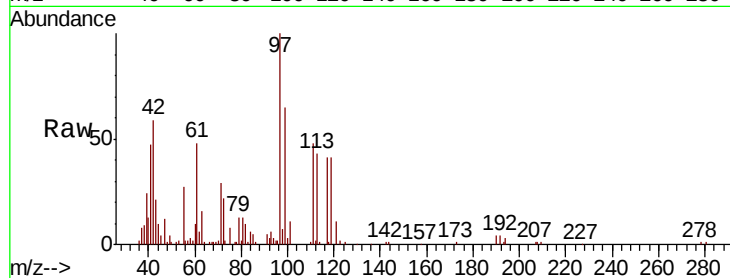
ClientSampleId :

VF1008SBS01

Tgt Ion:	42	Resp:	41507
Ion Ratio	Lower	Upper	
42	100		
72	37.7	33.6	50.4
71	40.7	32.7	49.1

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#30

Chloroform

Concen: 22.214 ug/l

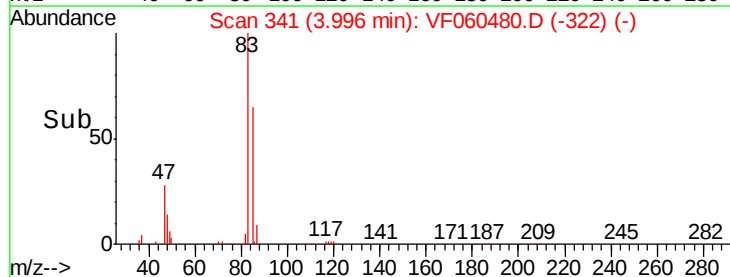
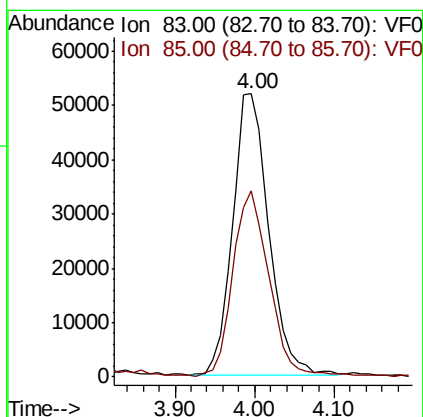
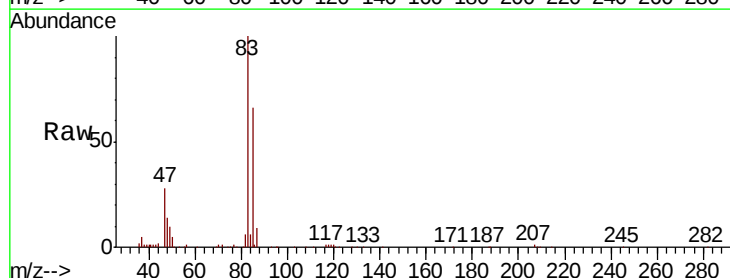
RT: 4.00 min Scan# 341

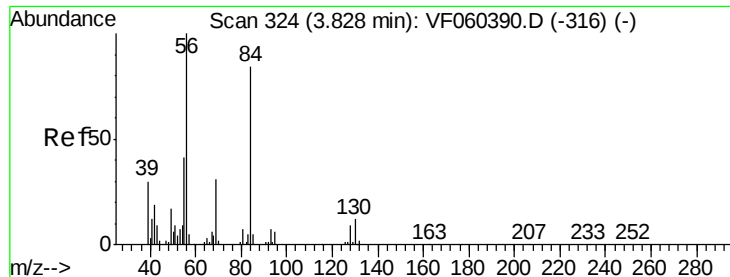
Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt Ion:	83	Resp:	163007
Ion Ratio	Lower	Upper	
83	100		
85	65.7	55.9	83.9





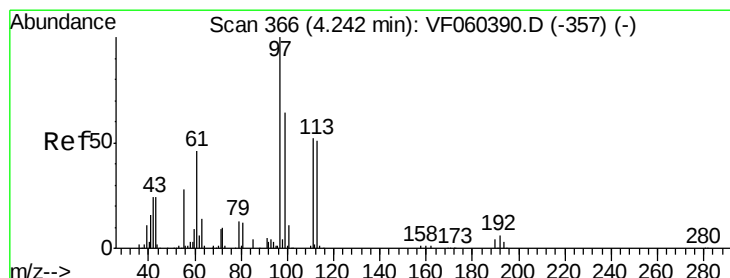
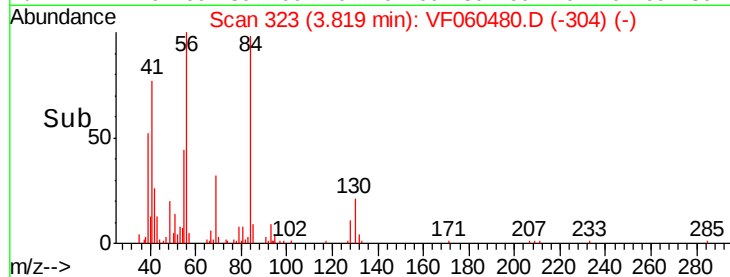
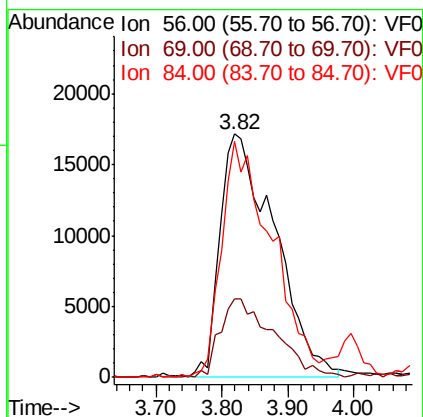
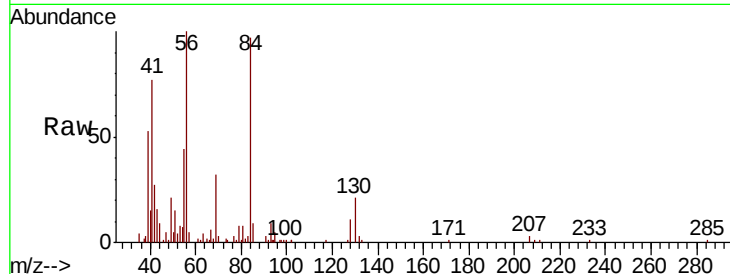
#31
Cyclohexane
Concen: 23.376 ug/l
RT: 3.82 min Scan# 323
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.5	38.3
84	96.8	67.4	101.0

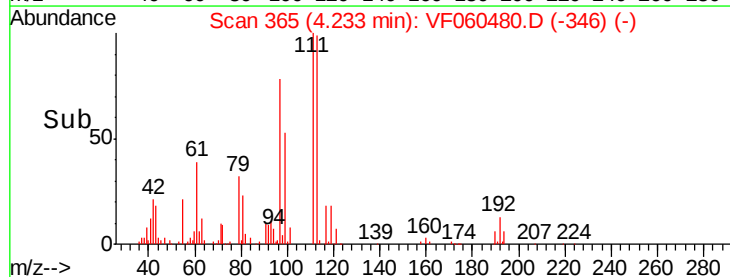
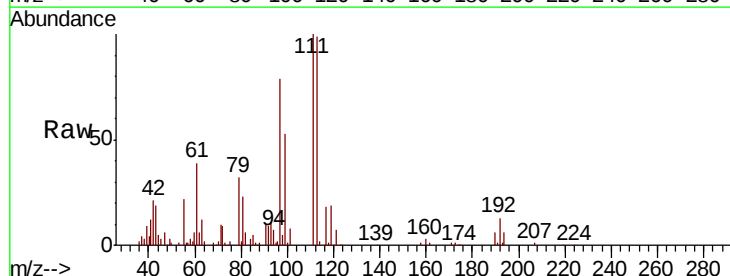
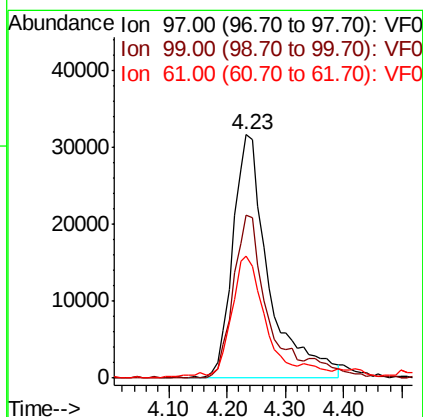
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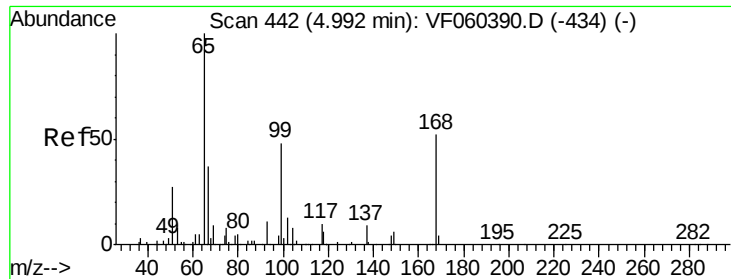
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#32
1,1,1-Trichloroethane
Concen: 22.341 ug/l
RT: 4.23 min Scan# 365
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.7	51.0	76.4
61	49.9	37.5	56.3





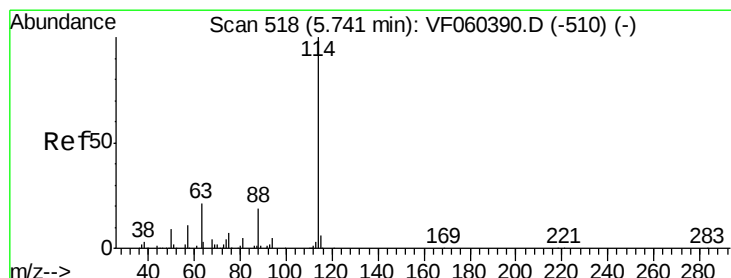
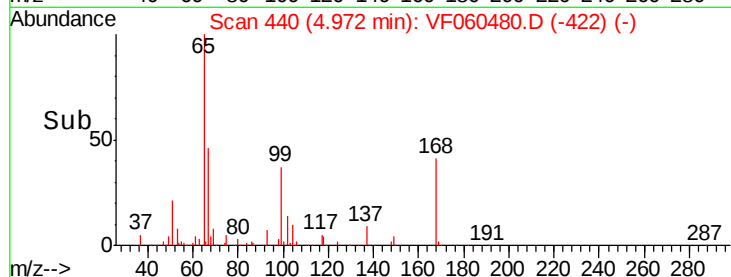
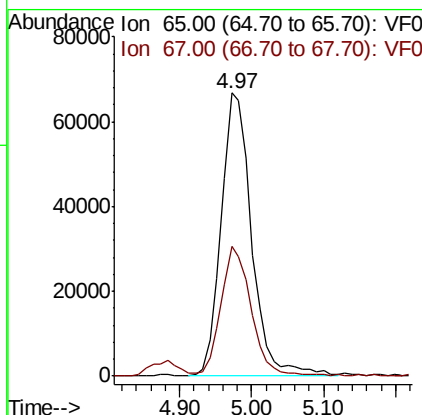
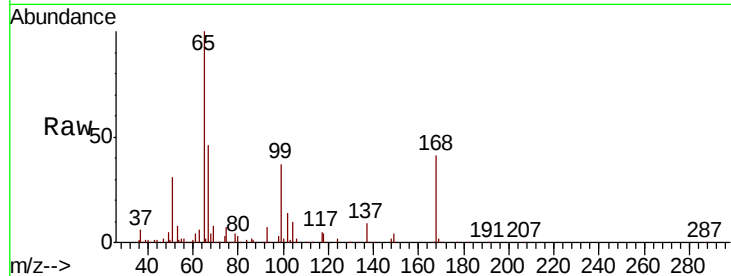
#33
 1,2-Dichloroethane-d4
 Concen: 49.723 ug/l
 RT: 4.97 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	193942		
67	45.8	0.0	89.4	

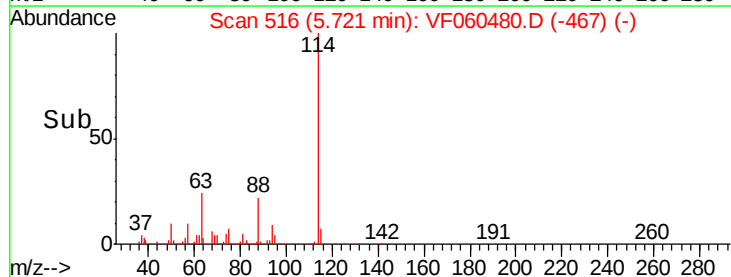
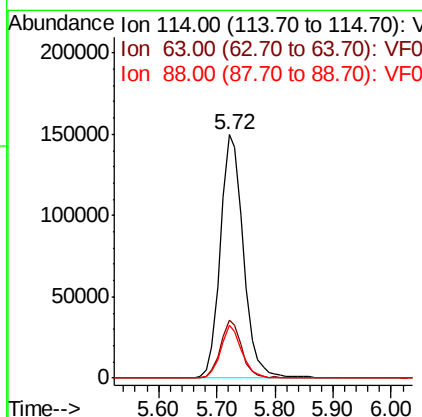
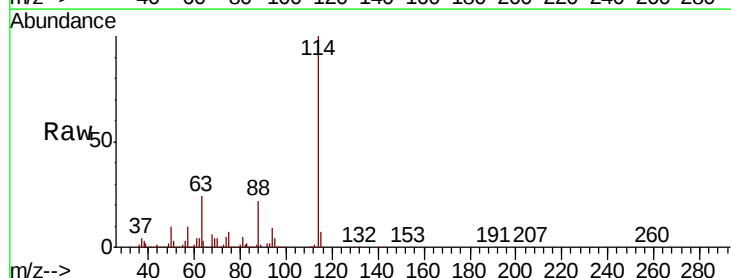
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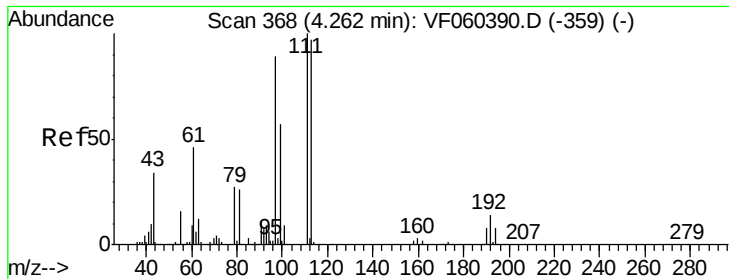
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.72 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	411429		
63	24.0	0.0	42.2	
88	21.7	0.0	38.8	





#35

Dibromofluoromethane

Concen: 51.116 ug/l

RT: 4.25 min Scan# 367

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

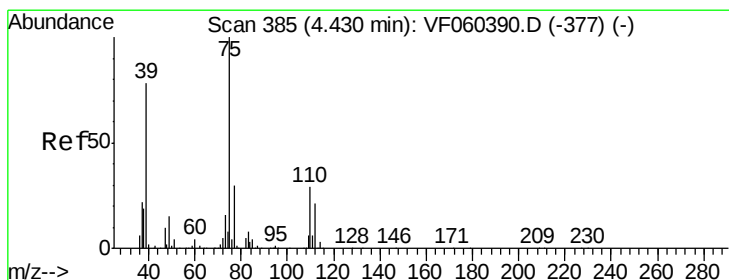
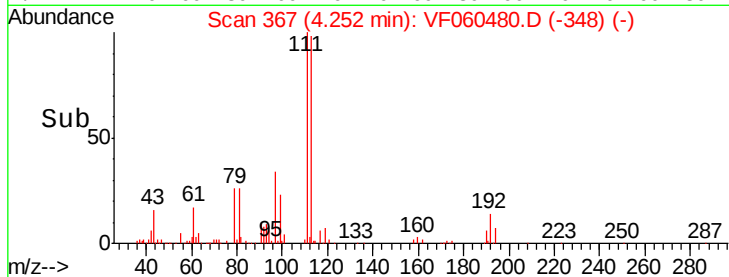
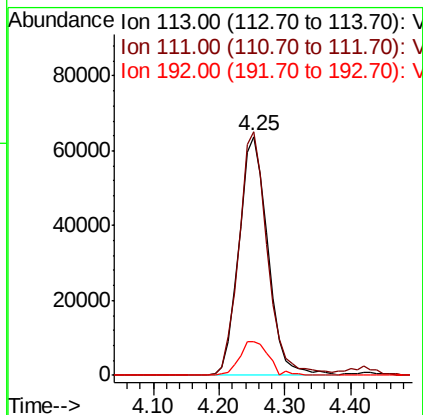
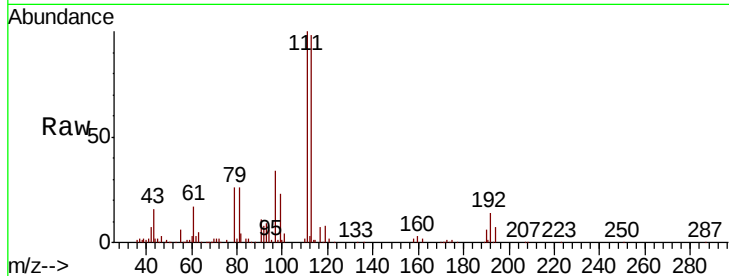
ClientSampleId :

VF1008SBS01

Tgt Ion:	113	Resp:	197571
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.3	123.5
192	14.3	11.8	17.6

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#36

1,1-Dichloropropene

Concen: 22.468 ug/l

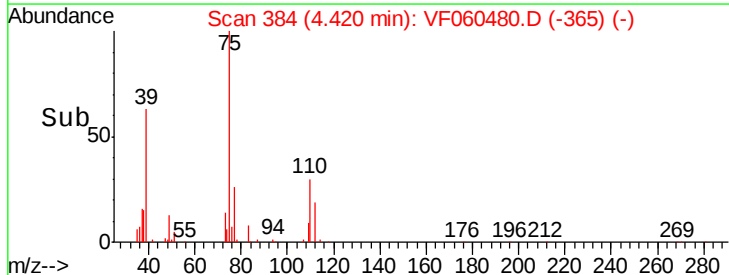
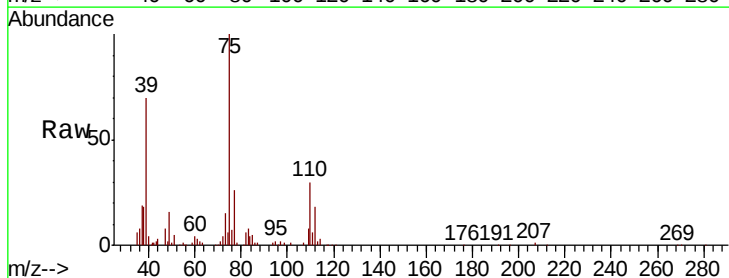
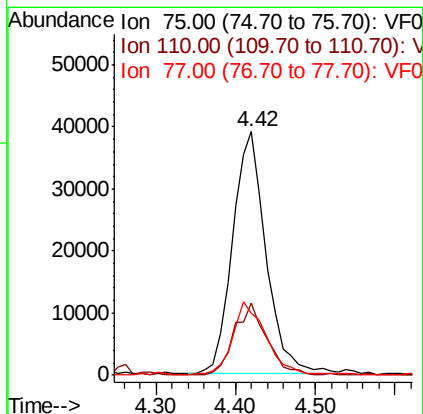
RT: 4.42 min Scan# 384

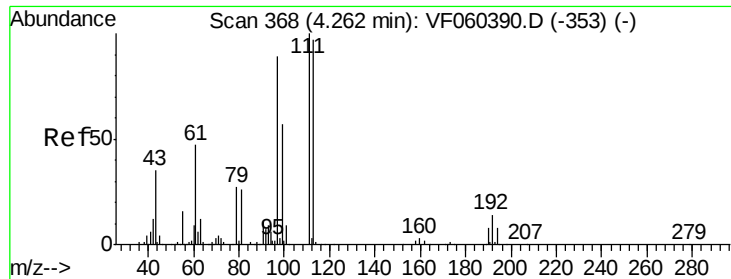
Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt Ion:	75	Resp:	113972
Ion Ratio	Lower	Upper	
75	100		
110	29.8	14.5	43.6
77	25.6	24.3	36.5





#37

Ethyl Acetate

Concen: 20.567 ug/l

RT: 4.25 min Scan# 367

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

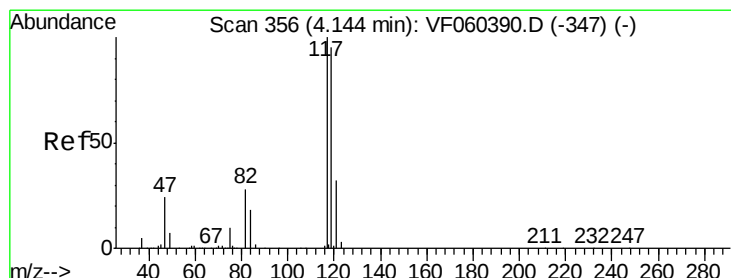
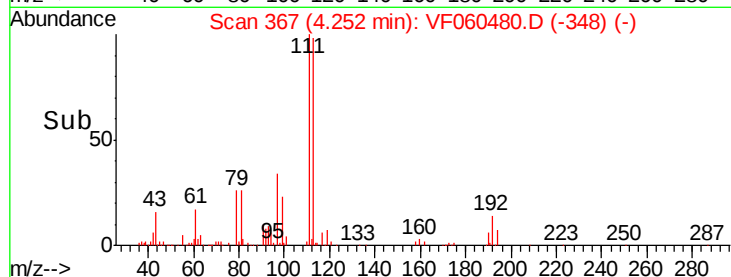
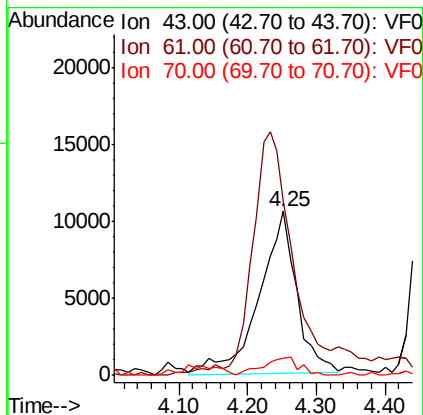
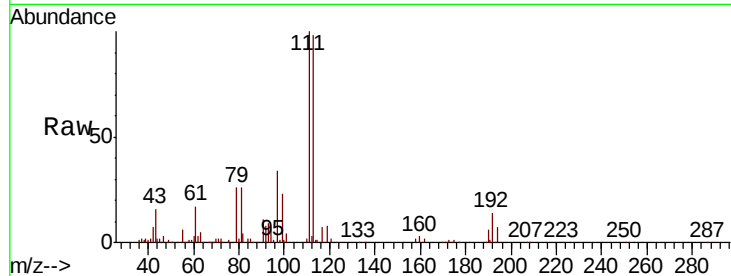
ClientSampleId :

VF1008SBS01

Tgt Ion:	43	Resp:	39951
Ion Ratio	Lower	Upper	
43	100		
61	106.8	105.1	157.7
70	10.7	8.0	12.0

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#38

Carbon Tetrachloride

Concen: 20.220 ug/l

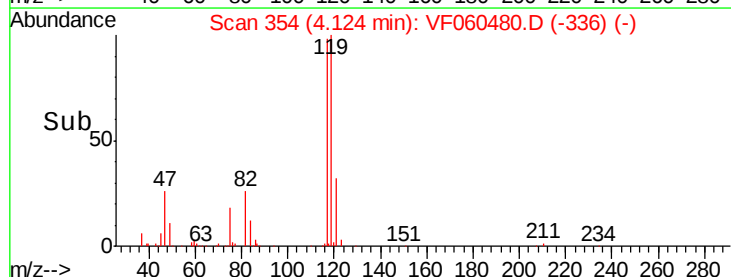
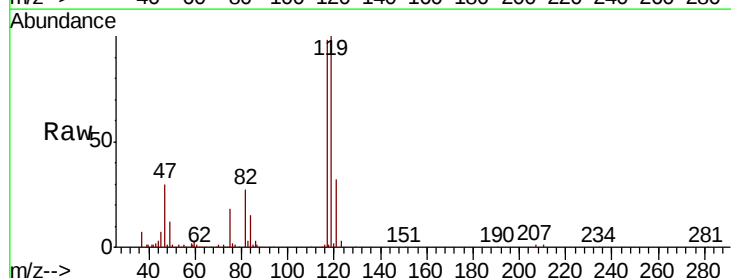
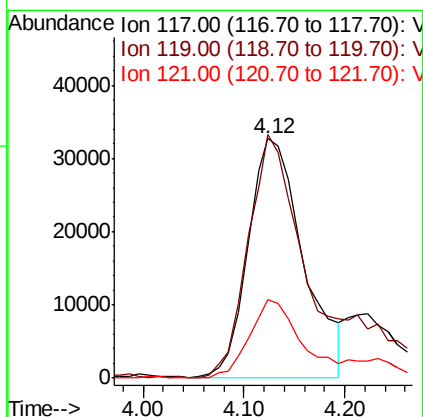
RT: 4.12 min Scan# 354

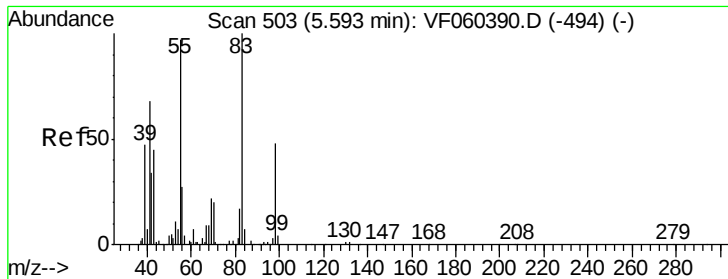
Delta R.T. -0.02 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt Ion:	117	Resp:	124850
Ion Ratio	Lower	Upper	
117	100		
119	101.6	75.5	113.3
121	32.8	25.4	38.0





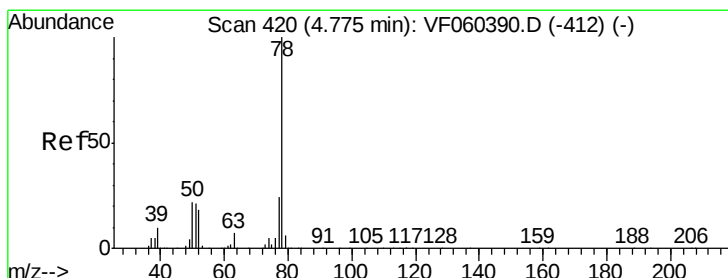
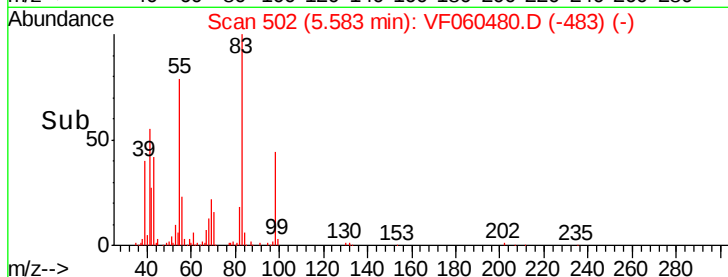
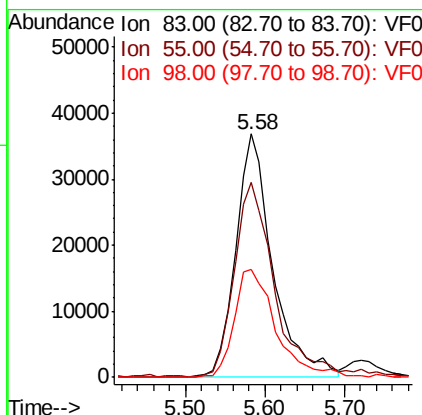
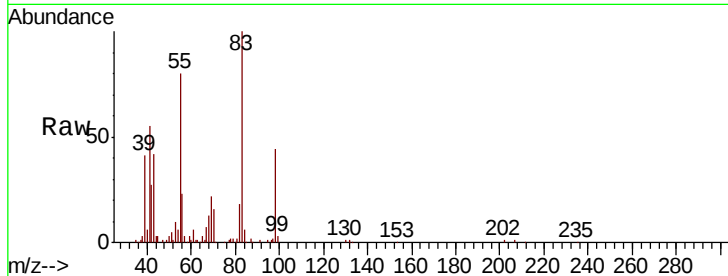
#39
Methylcyclohexane
Concen: 23.857 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	118640		
55	79.9	77.5	116.3	
98	44.3	38.7	58.1	

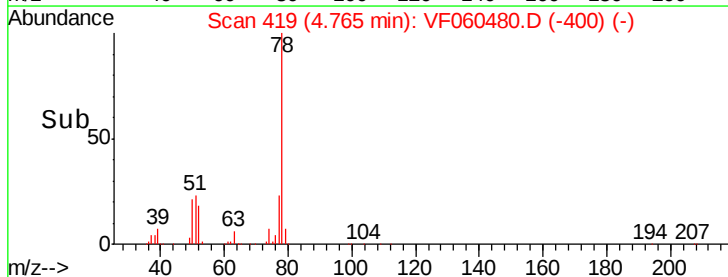
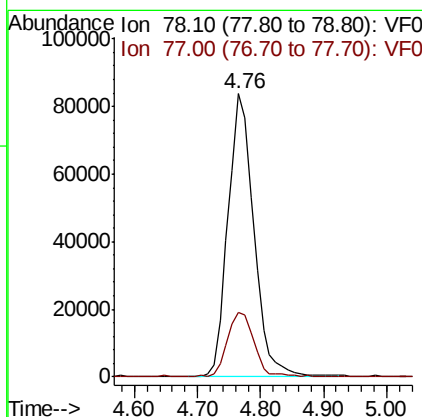
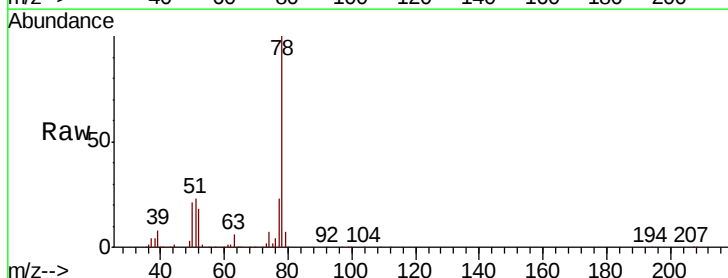
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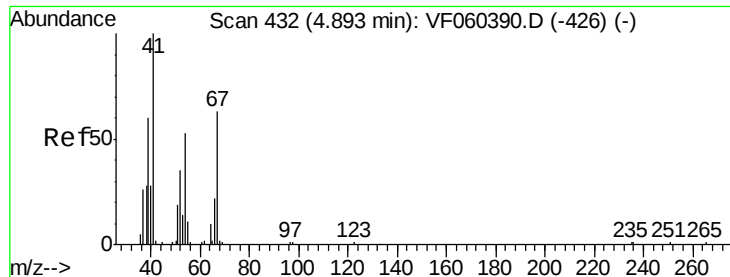
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#40
Benzene
Concen: 23.654 ug/l
RT: 4.76 min Scan# 419
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	238198		
77	23.0	19.2	28.8	





#41

Methacrylonitrile

Concen: 22.186 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

ClientSampleId :

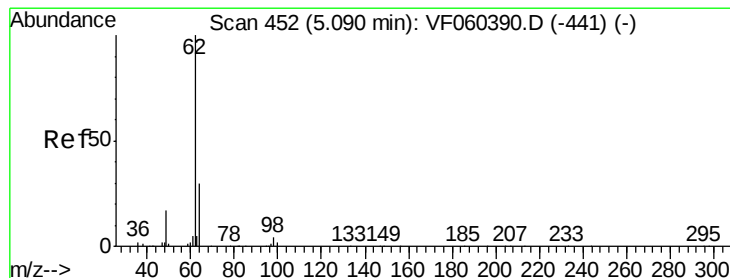
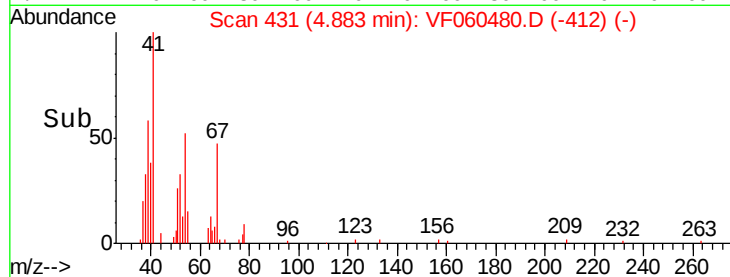
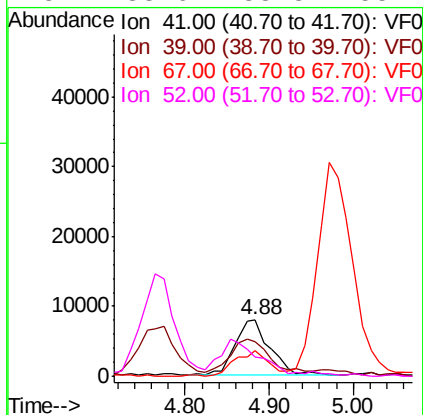
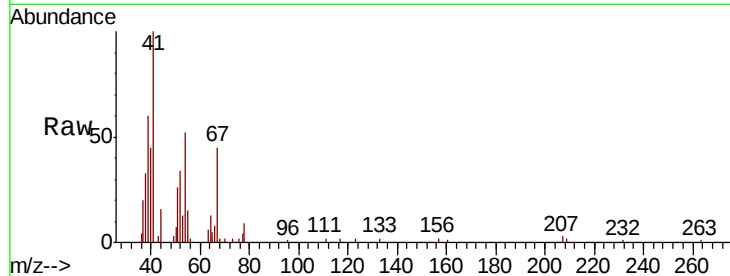
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Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.3	55.0	82.4
67	44.8	49.6	74.4#
52	33.6	38.8	58.2#



#42

1,2-Dichloroethane

Concen: 20.644 ug/l

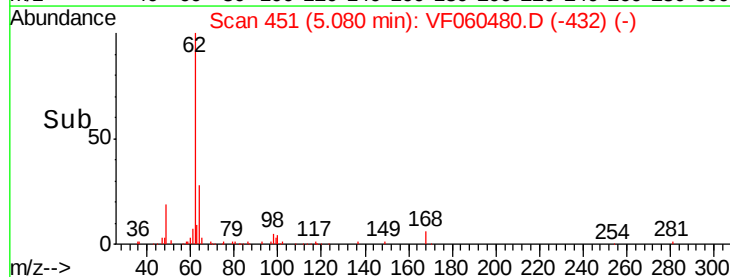
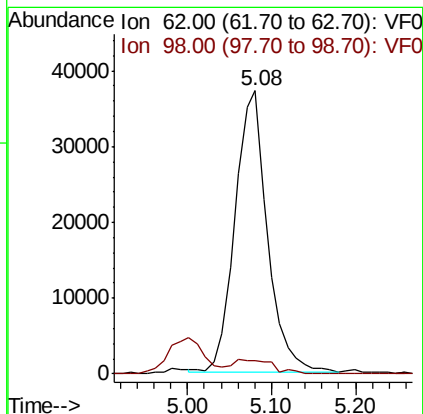
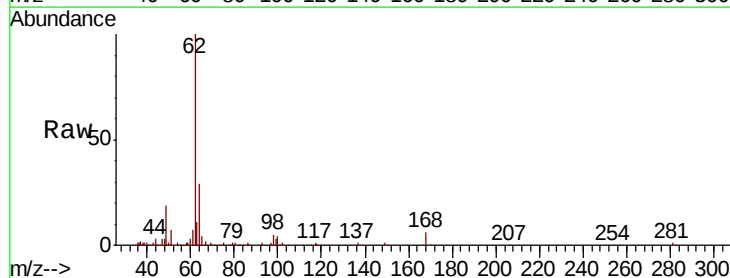
RT: 5.08 min Scan# 451

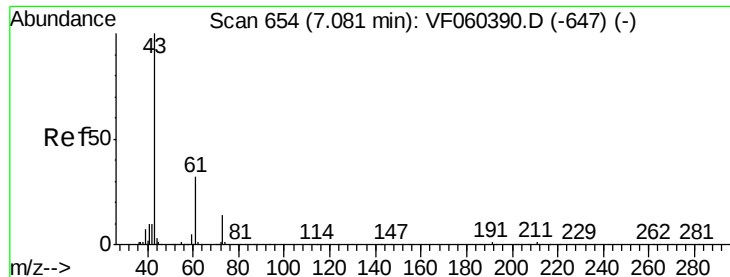
Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.5	0.0	11.2





#43

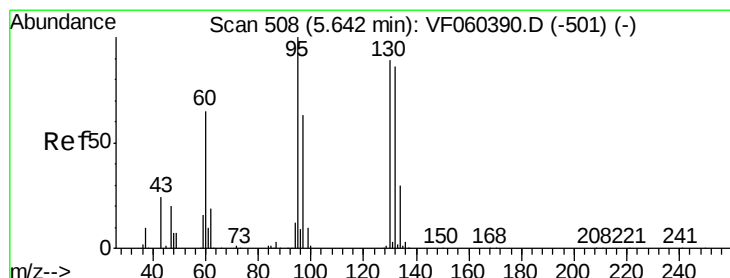
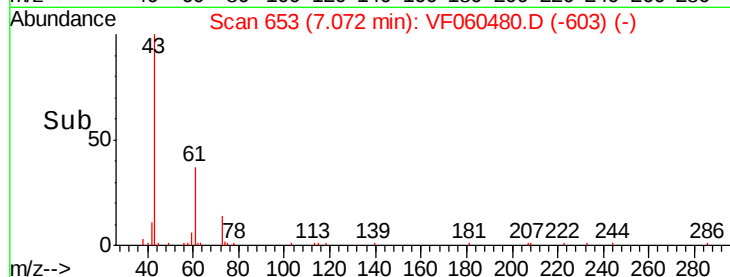
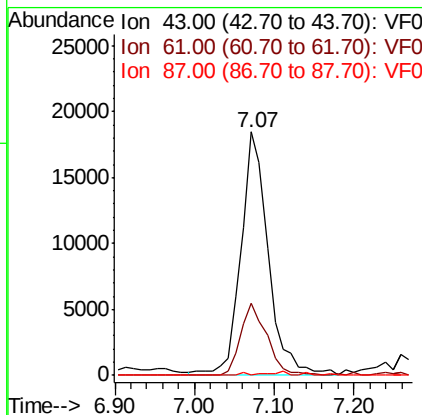
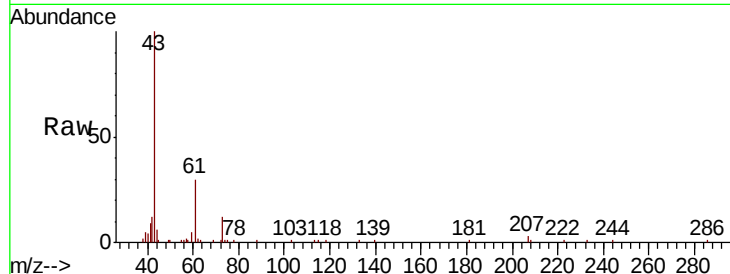
Isopropyl Acetate
 Concen: 18.758 ug/l
 RT: 7.07 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1008SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.7	25.4	38.2
87	0.0	0.3	0.5

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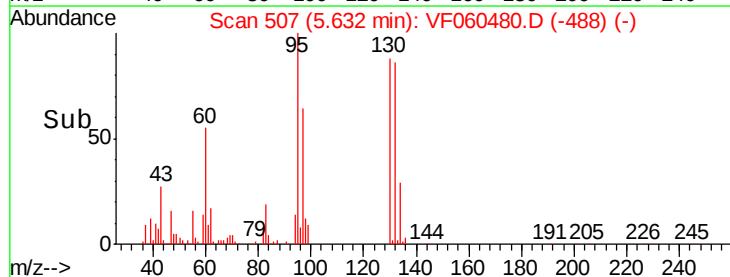
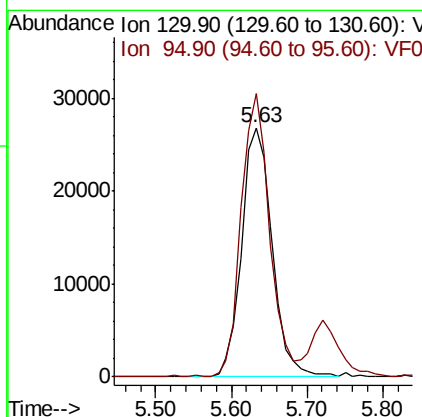
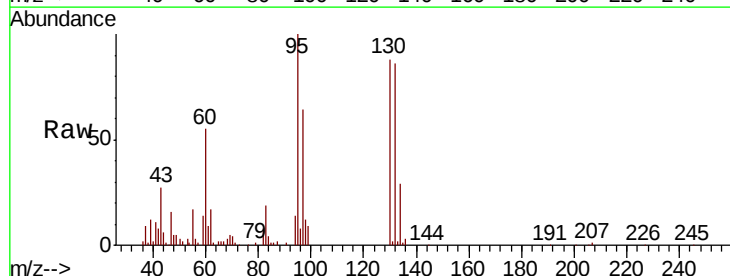
apatel
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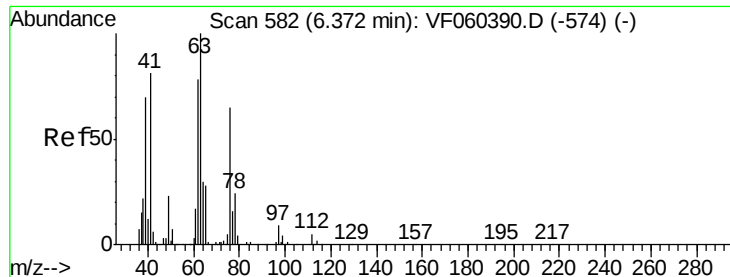


#44

Trichloroethene
 Concen: 23.163 ug/l
 RT: 5.63 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	113.8	0.0	224.4





#45

1,2-Dichloropropane

Concen: 22.087 ug/l

RT: 6.36 min Scan# 581

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

ClientSampleId :

VF1008SBS01

Tgt Ion: 63 Resp: 59231

Ion Ratio Lower Upper

63 100

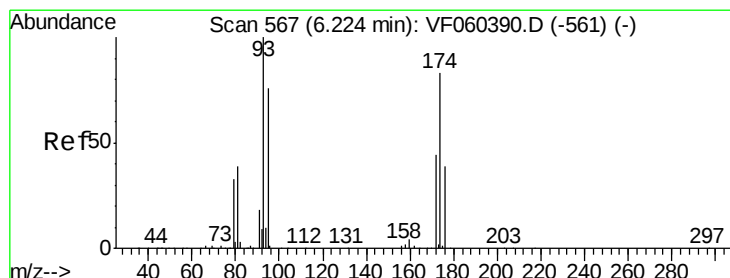
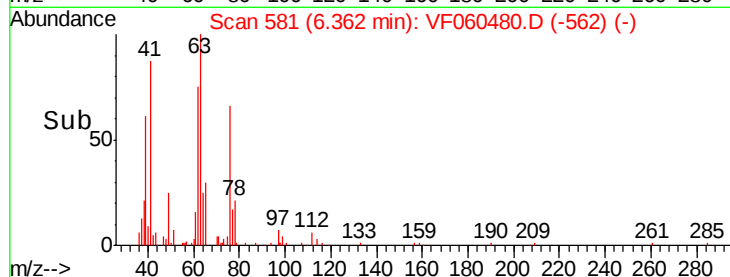
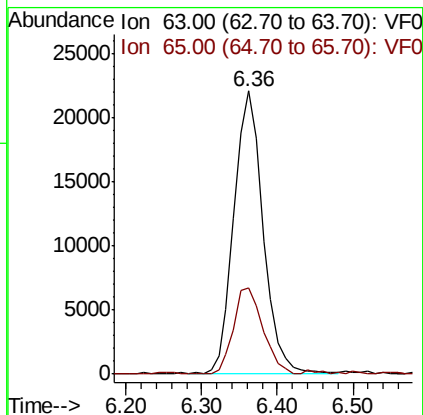
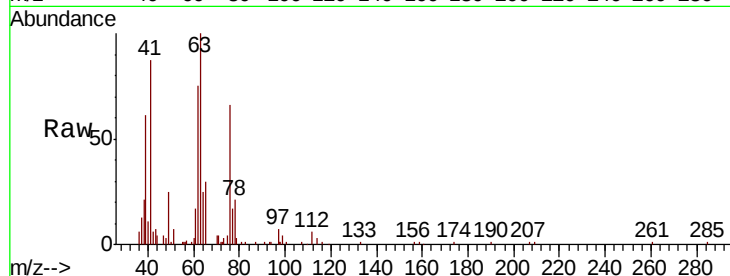
65 30.3 22.7 34.1

Manual Integrations

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#46

Dibromomethane

Concen: 20.380 ug/l

RT: 6.21 min Scan# 566

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

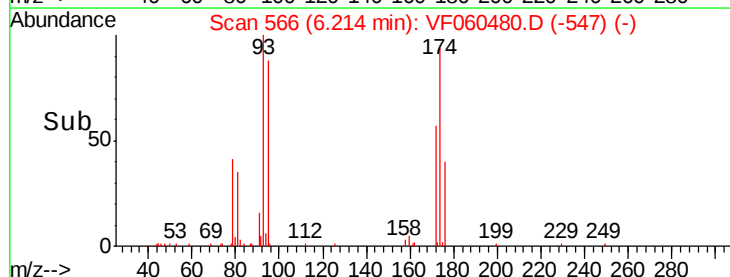
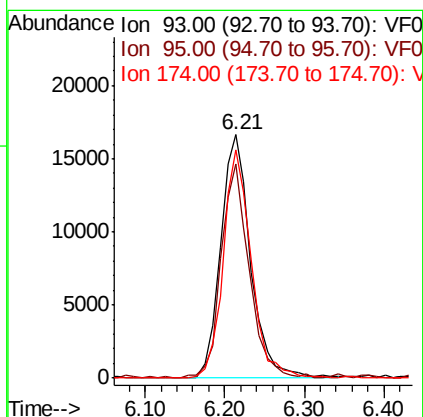
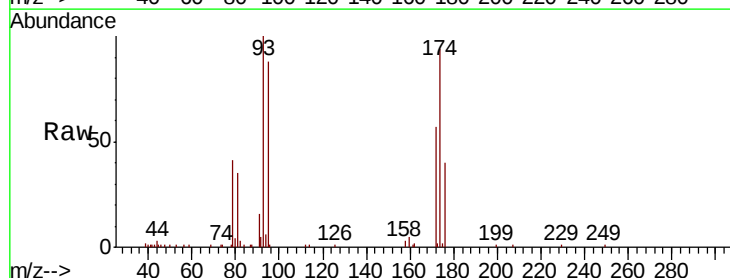
Tgt Ion: 93 Resp: 43943

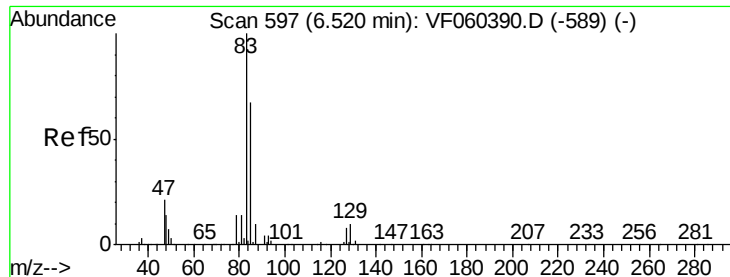
Ion Ratio Lower Upper

93 100

95 88.1 61.1 91.7

174 95.9 66.7 100.1





#47

Bromodichloromethane

Concen: 21.137 ug/l

RT: 6.51 min Scan# 596

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

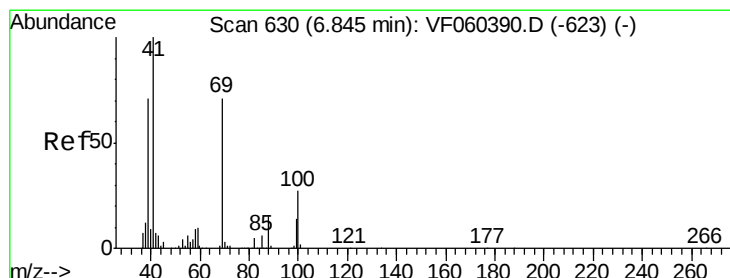
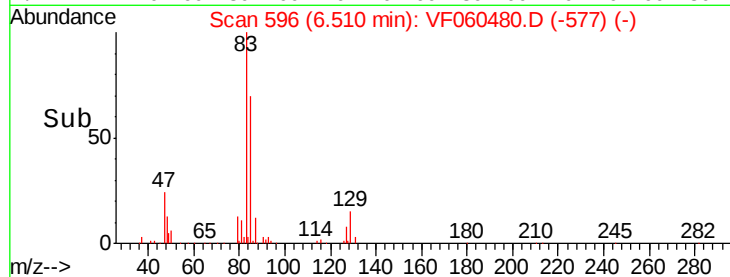
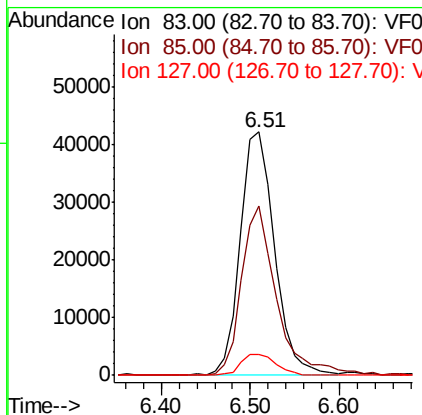
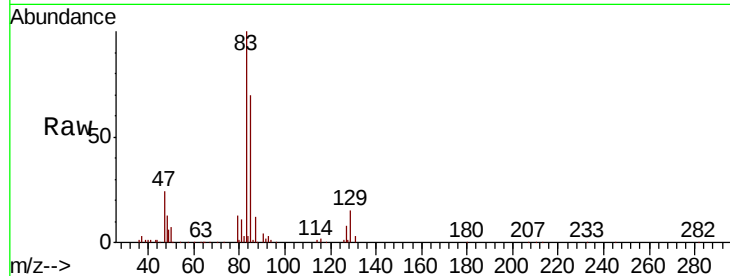
ClientSampleId :

VF1008SBS01

Tgt Ion:	83	Resp:	112873
Ion Ratio	Lower	Upper	
83	100		
85	69.6	53.2	79.8
127	9.4	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.801 ug/l

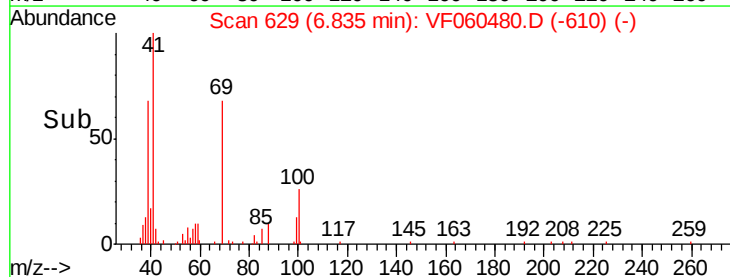
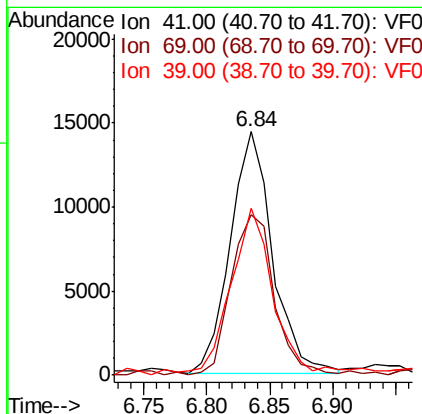
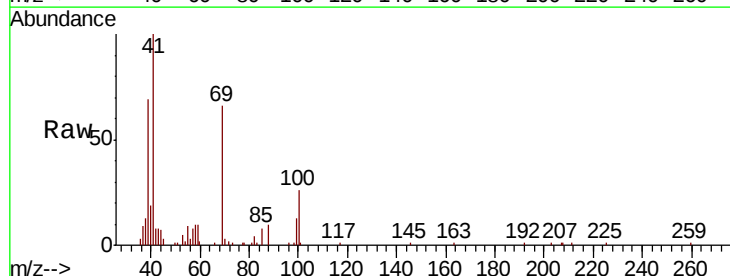
RT: 6.84 min Scan# 629

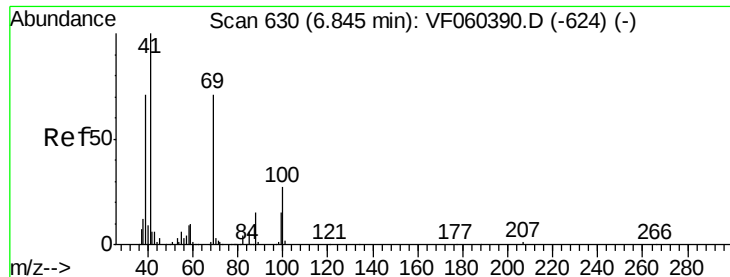
Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt Ion:	41	Resp:	33367
Ion Ratio	Lower	Upper	
41	100		
69	66.0	56.3	84.5
39	68.5	56.9	85.3





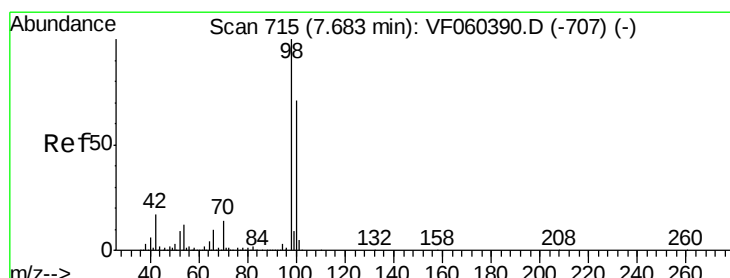
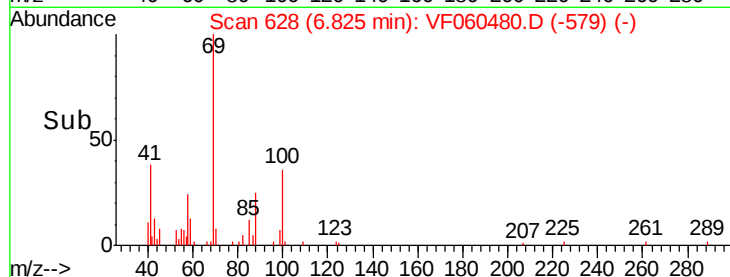
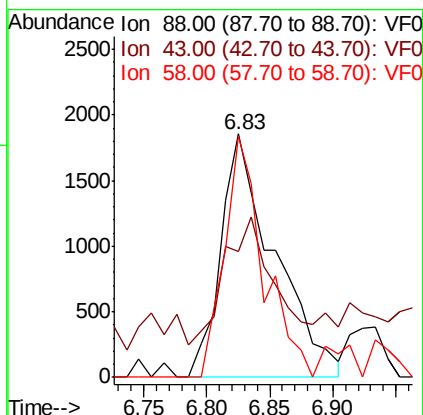
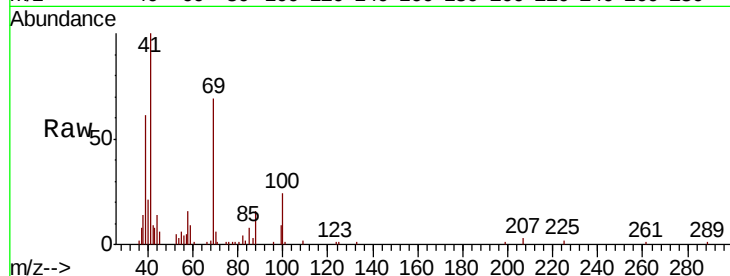
#49
1,4-Dioxane
Concen: 375.589 ug/l
RT: 6.83 min Scan# 628
Delta R.T. -0.02 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	51.7	38.3	57.5
58	98.9	47.4	71.2#

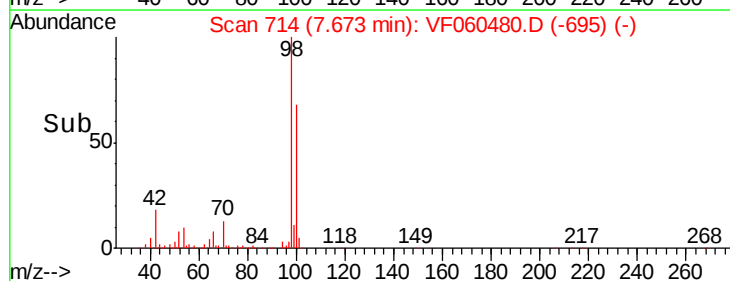
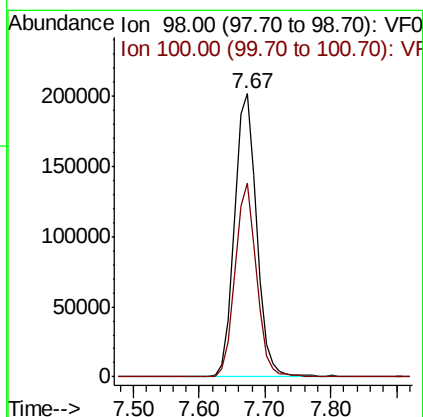
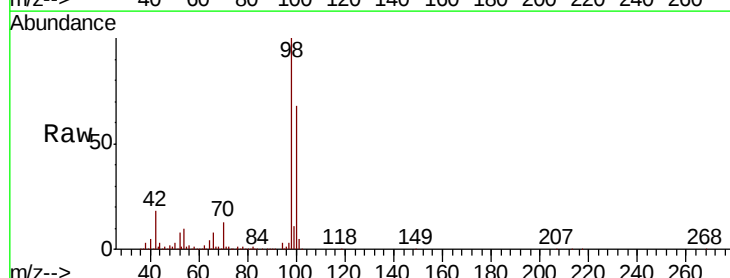
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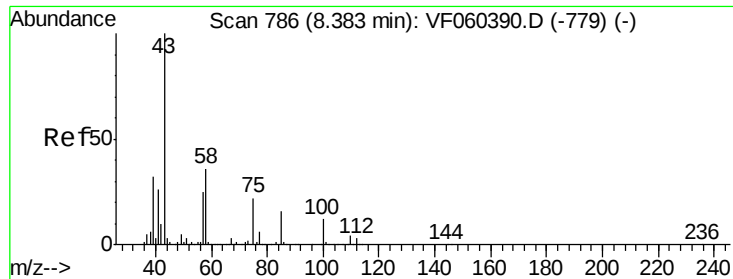
apatel
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#50
Toluene-d8
Concen: 50.402 ug/l
RT: 7.67 min Scan# 714
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.3	56.5	84.7





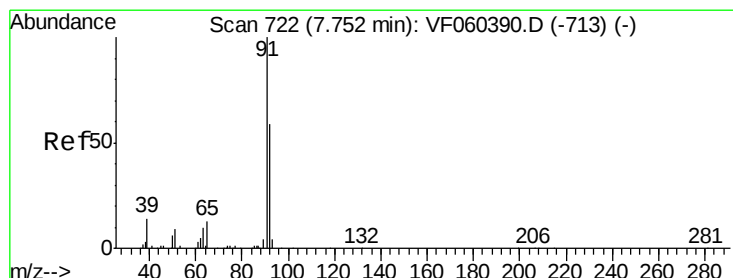
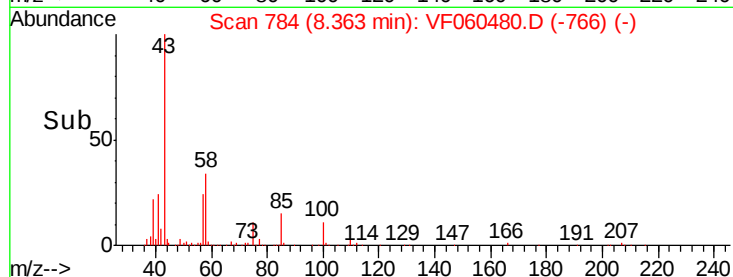
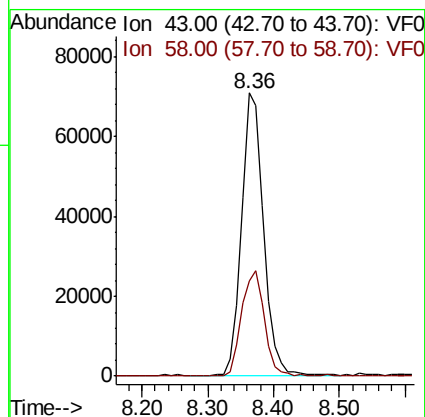
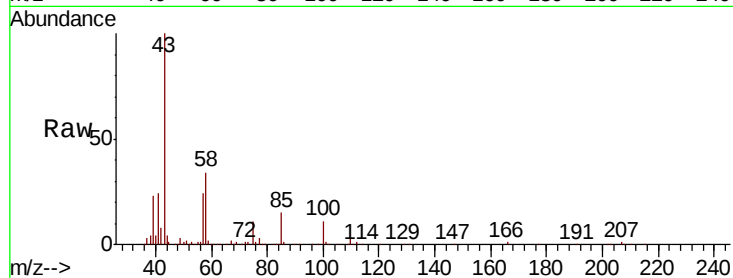
#51
4-Methyl-2-Pentanone
Concen: 99.156 ug/l
RT: 8.36 min Scan# 784
Delta R.T. -0.02 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Tgt Ion: 43 Resp: 165693
Ion Ratio Lower Upper
43 100
58 33.8 28.5 42.7

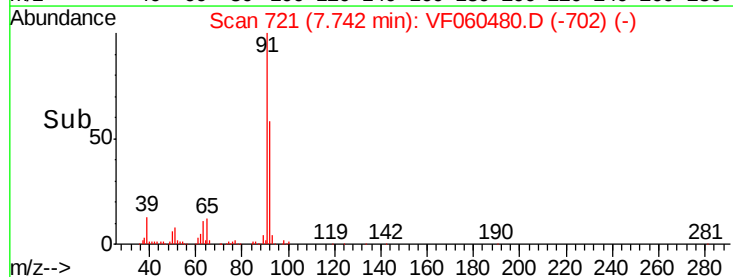
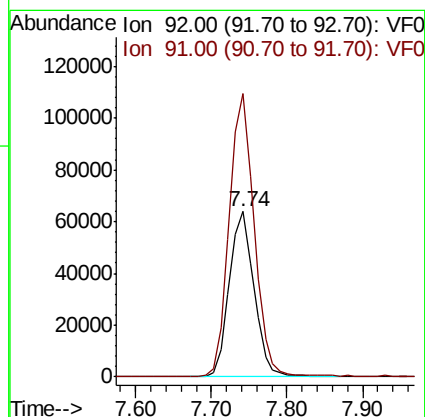
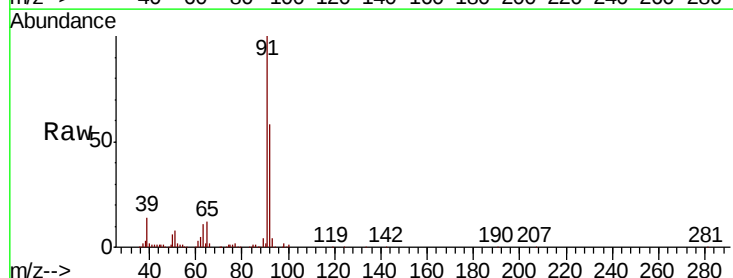
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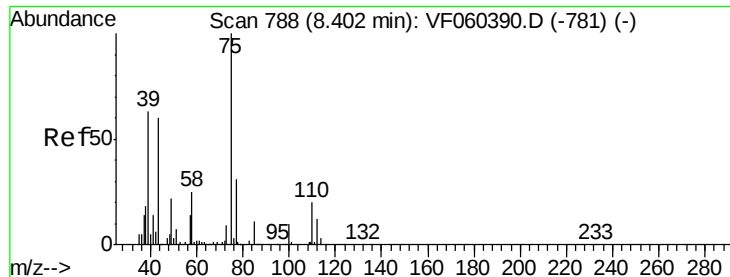
apatel
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#52
Toluene
Concen: 21.173 ug/l
RT: 7.74 min Scan# 721
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Tgt Ion: 92 Resp: 144818
Ion Ratio Lower Upper
92 100
91 171.5 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 22.010 ug/l

RT: 8.38 min Scan# 786

Delta R.T. -0.02 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

ClientSampleId :

VF1008SBS01

Tgt Ion: 75 Resp: 92110

Ion Ratio Lower Upper

75 100

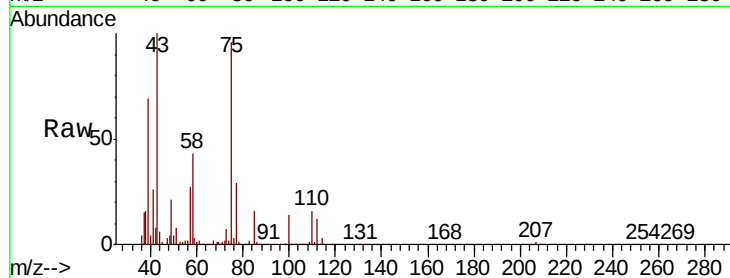
77 30.1 24.6 36.8

Manual Integrations

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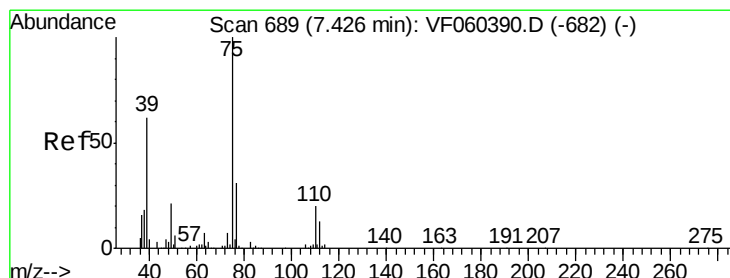
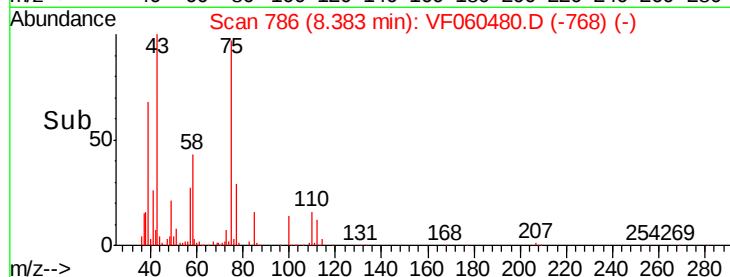
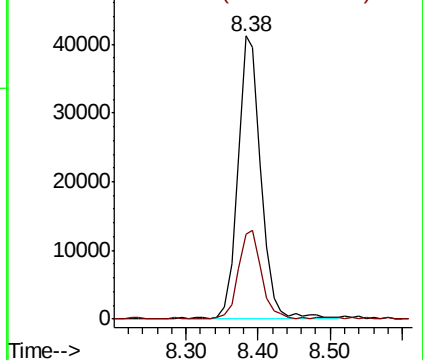
apatel

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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: 21.194 ug/l

RT: 7.42 min Scan# 688

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

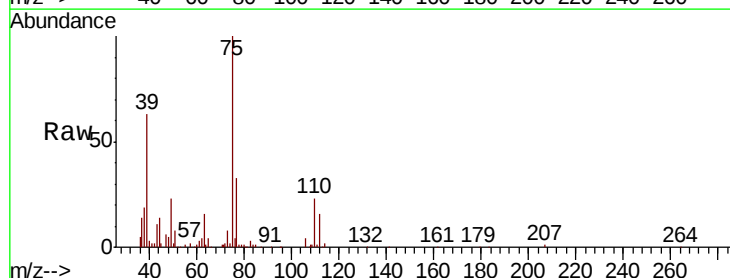
Tgt Ion: 75 Resp: 103662

Ion Ratio Lower Upper

75 100

77 33.3 25.2 37.8

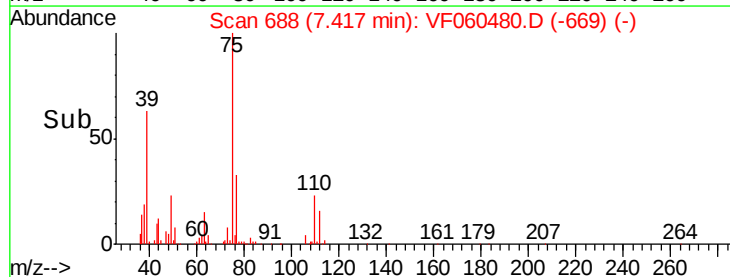
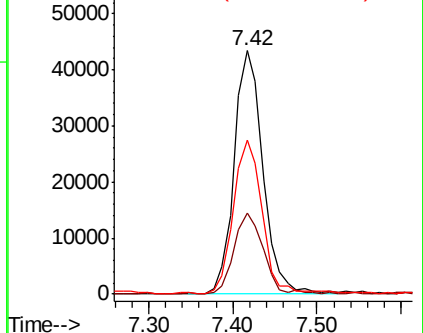
39 63.3 49.7 74.5

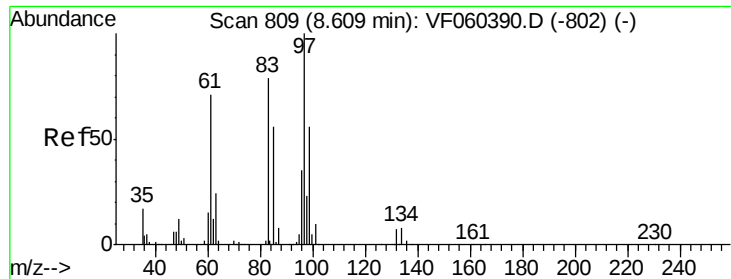


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





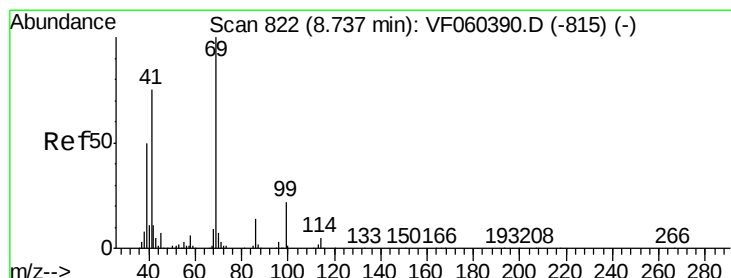
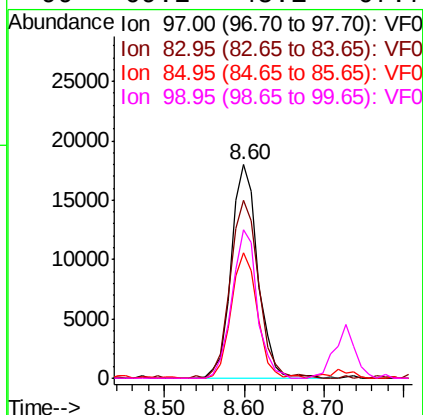
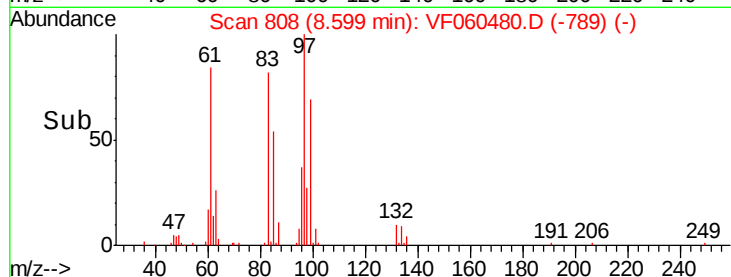
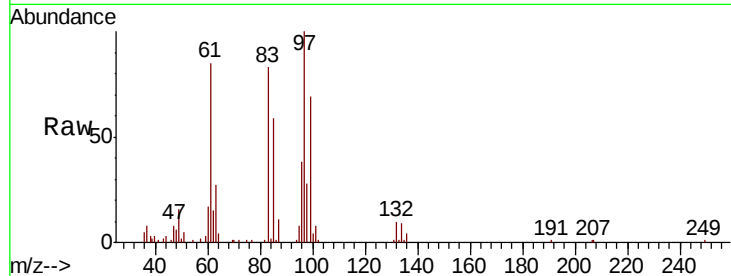
#55
 1,1,2-Trichloroethane
 Concen: 19.500 ug/l
 RT: 8.60 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1008SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	63.4	95.0
85	58.7	44.5	66.7
99	69.2	45.1	67.7

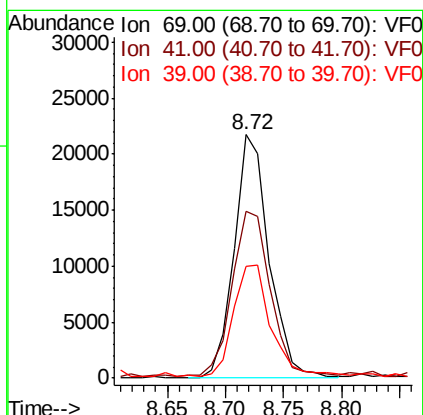
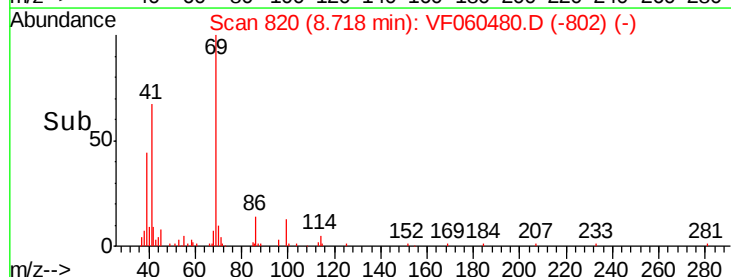
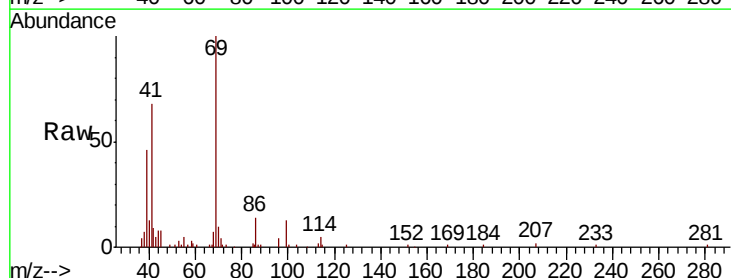
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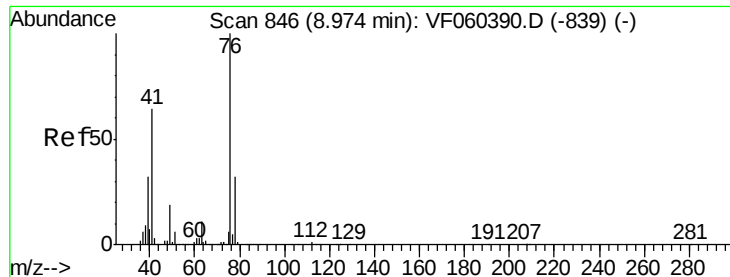
apatel
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#56
 Ethyl methacrylate
 Concen: 18.348 ug/l
 RT: 8.72 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	60.2	90.4
39	46.0	40.2	60.2





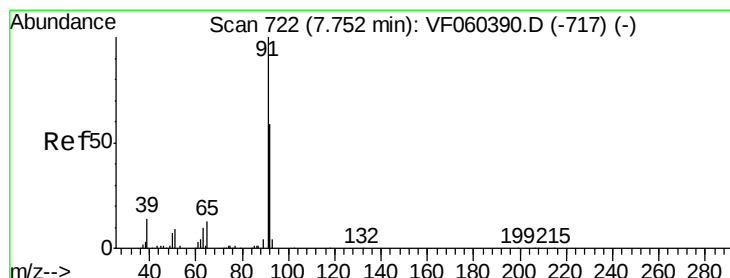
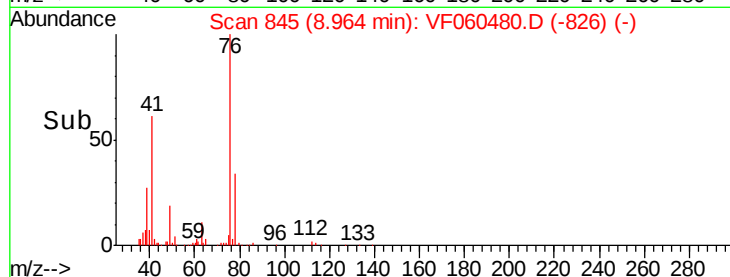
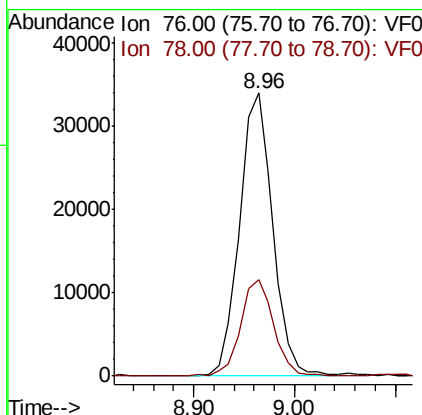
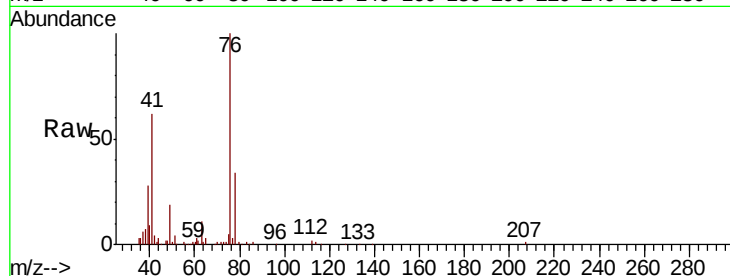
#57
 1,3-Dichloropropane
 Concen: 21.225 ug/l
 RT: 8.96 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1008SBS01

Tgt Ion: 76 Resp: 77848
 Ion Ratio Lower Upper
 76 100
 78 34.2 25.3 37.9

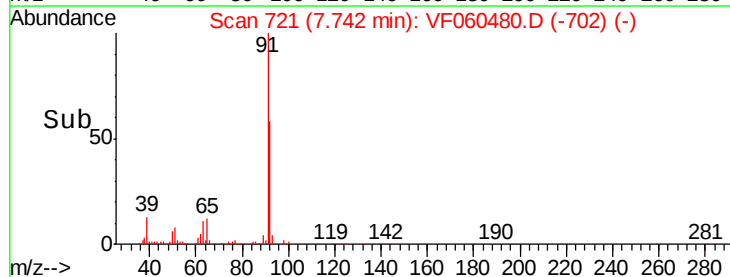
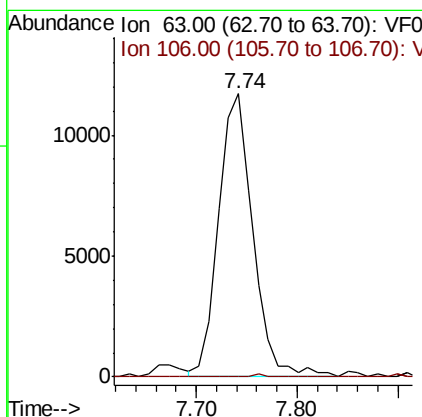
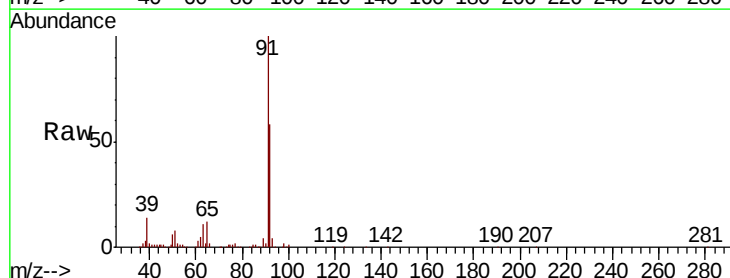
Manual Integrations
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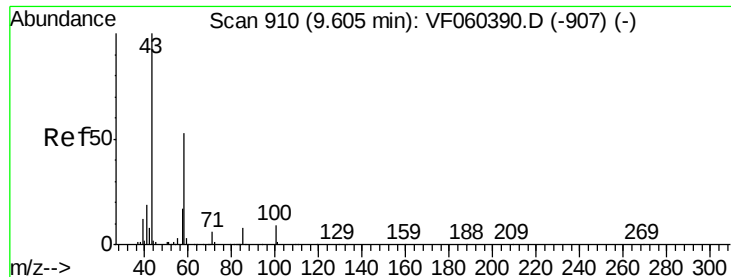
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#58
 2-Chloroethyl Vinyl ether
 Concen: 110.442 ug/l
 RT: 7.74 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Tgt Ion: 63 Resp: 27792
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0





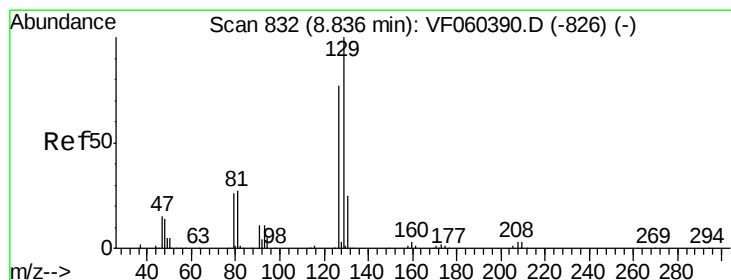
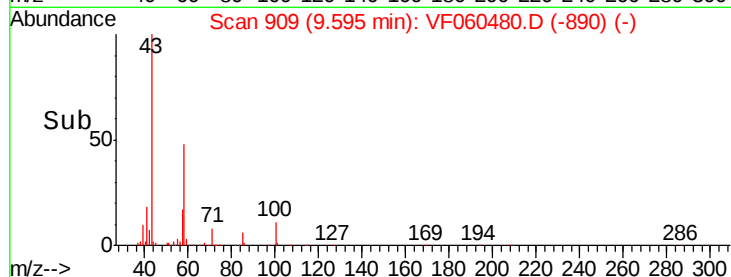
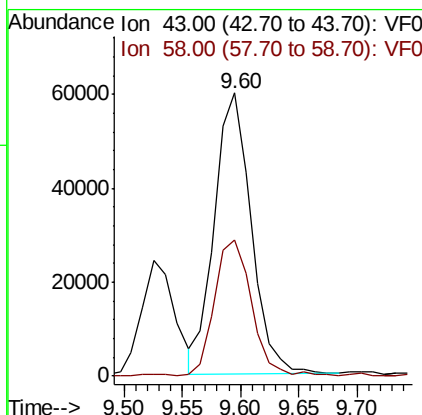
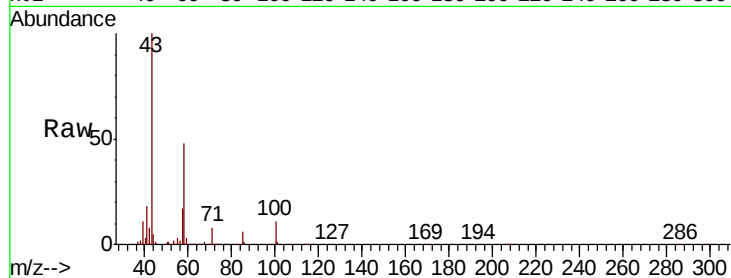
#59
2-Hexanone
Concen: 106.921 ug/l
RT: 9.60 min Scan# 909
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	48.3	25.6	76.6

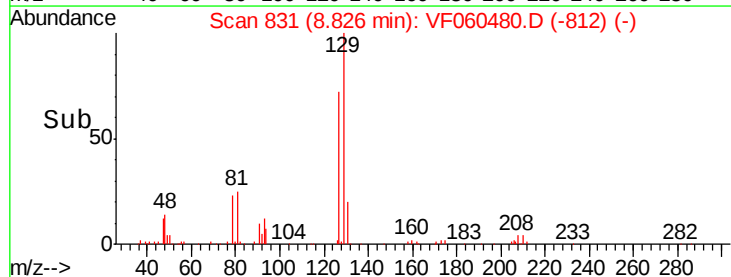
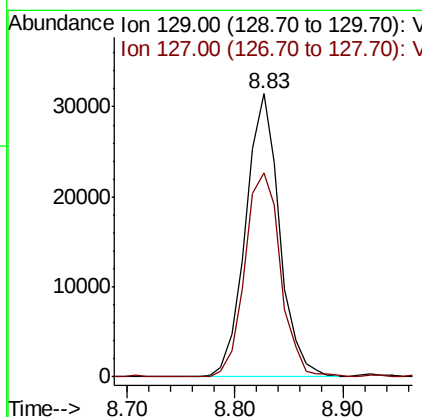
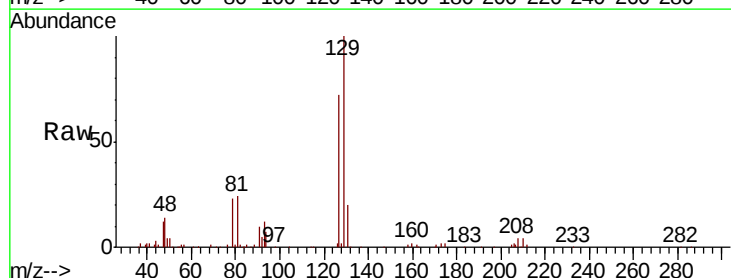
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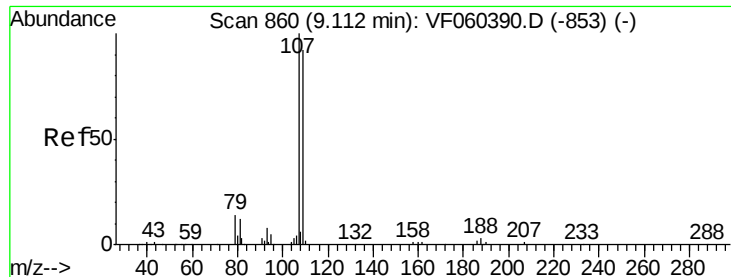
apatel
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#60
Dibromochloromethane
Concen: 20.953 ug/l
RT: 8.83 min Scan# 831
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Lower	Upper
129	100		
127	72.1	38.3	114.8





#61

1,2-Dibromoethane

Concen: 22.007 ug/l

RT: 9.10 min Scan# 859

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

ClientSampleId :

VF1008SBS01

Tgt Ion: 107 Resp: 52208

Ion Ratio Lower Upper

107 100

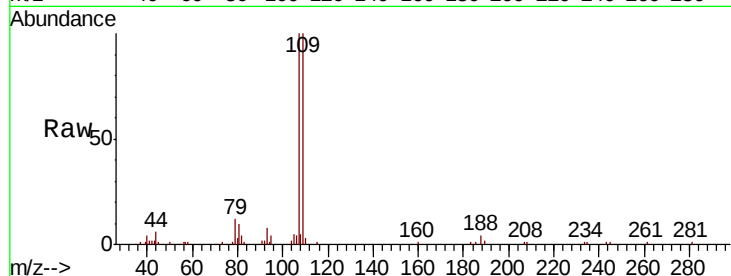
109 100.0 73.7 110.5

Manual Integrations

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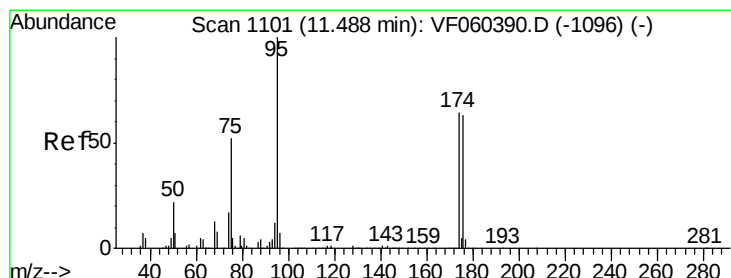
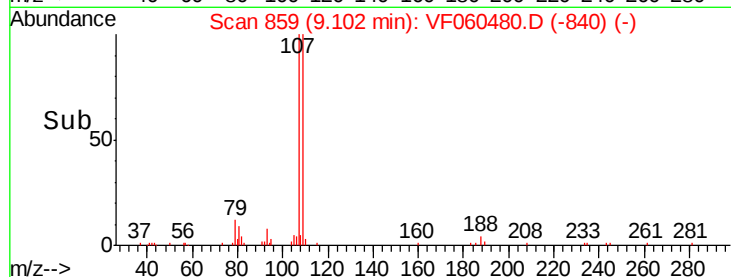
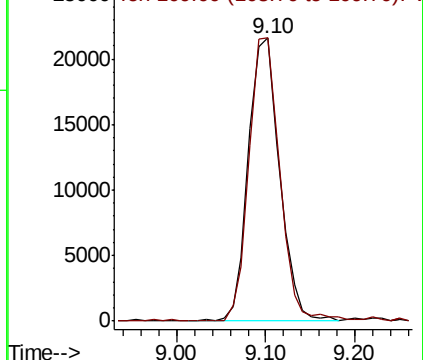
apatel

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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: 48.532 ug/l

RT: 11.48 min Scan# 1100

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

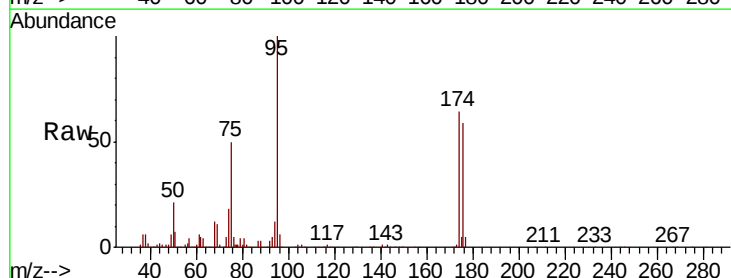
Tgt Ion: 95 Resp: 210937

Ion Ratio Lower Upper

95 100

174 64.3 0.0 129.0

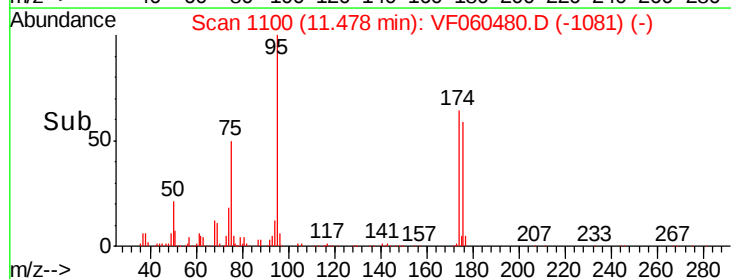
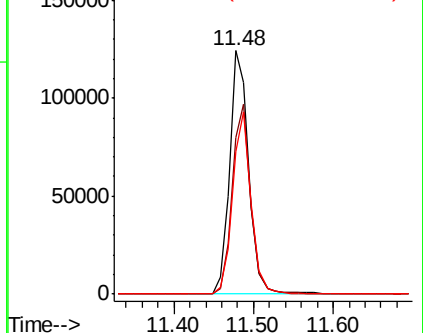
176 58.7 0.0 125.6

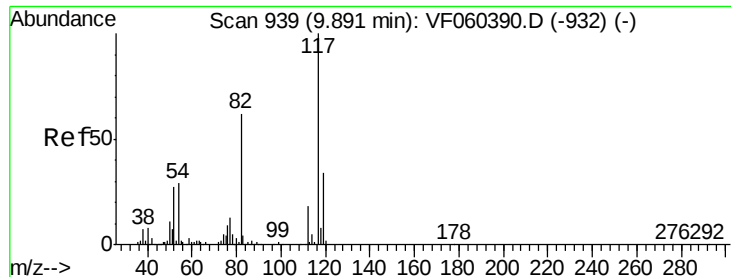


Abundance Ion 95.00 (94.70 to 95.70): VF0

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: 9.88 min Scan# 938

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

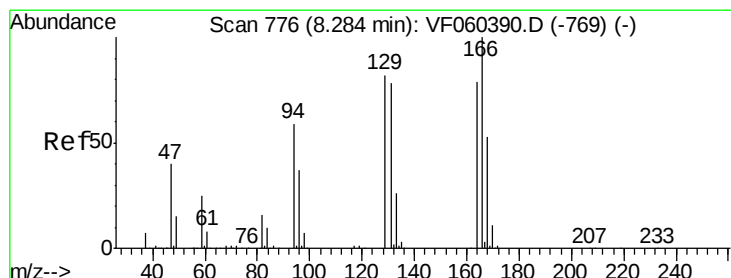
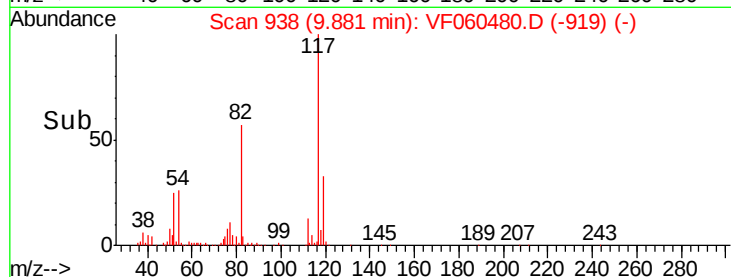
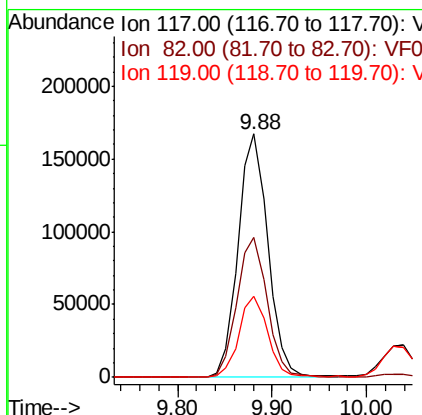
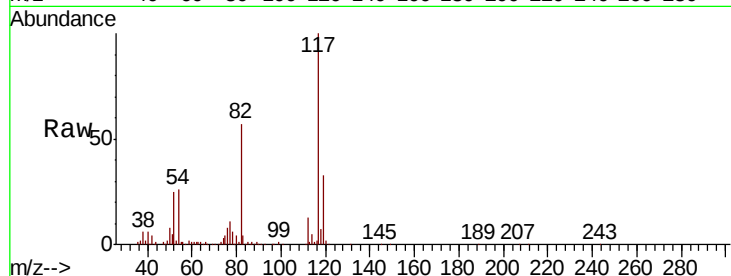
ClientSampleId :

VF1008SBS01

Tgt	Ion	117	Resp:	366398
	Ratio	100	Lower	Upper
	82	57.4	49.5	74.3
	119	33.2	27.0	40.6

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#64

Tetrachloroethene

Concen: 22.824 ug/l

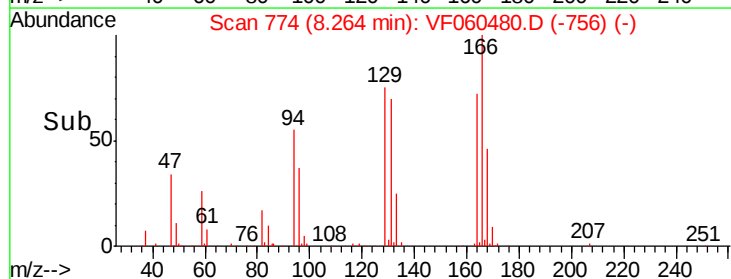
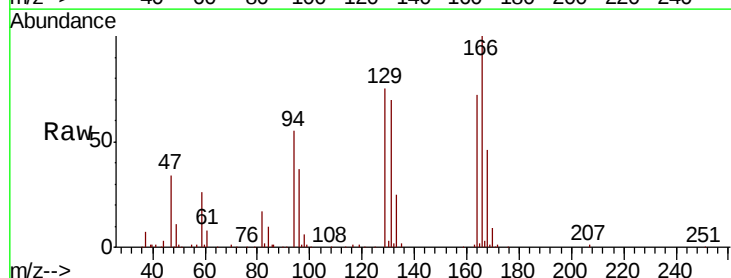
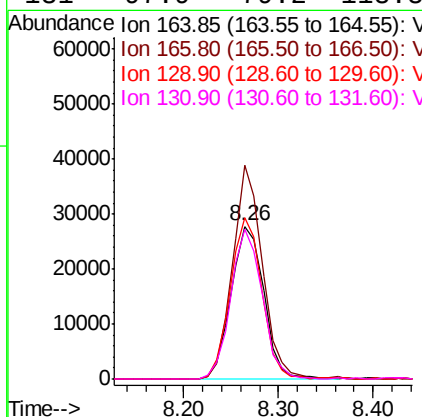
RT: 8.26 min Scan# 774

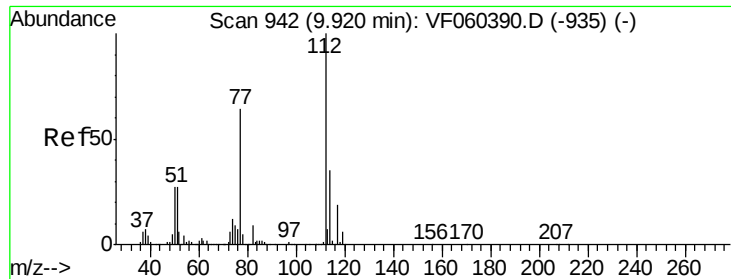
Delta R.T. -0.02 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt	Ion	164	Resp:	66478
	Ratio	100	Lower	Upper
	166	139.6	101.0	151.6
	129	105.4	82.5	123.7
	131	97.9	79.2	118.8





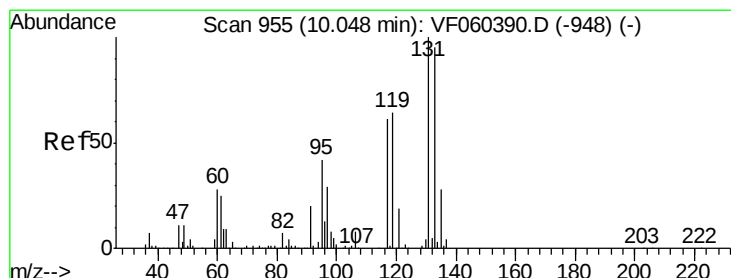
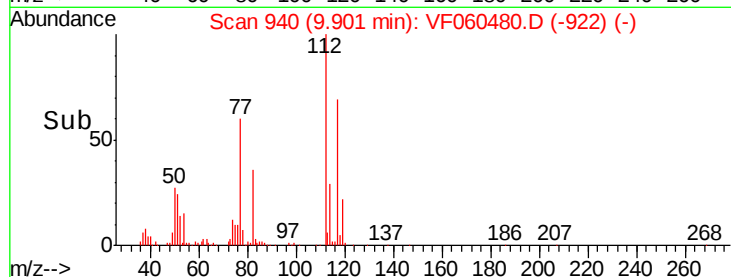
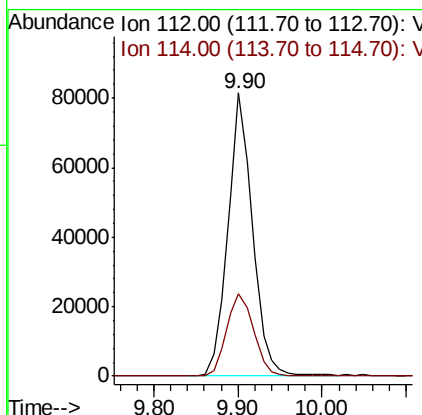
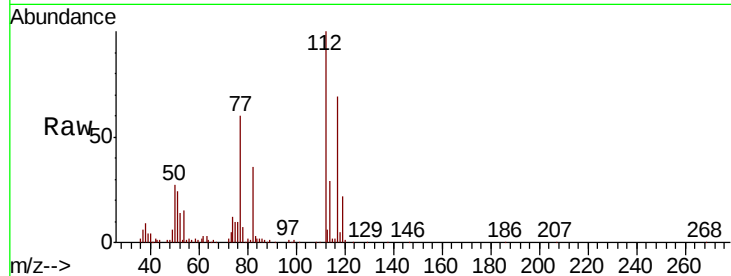
#65
Chlorobenzene
Concen: 21.967 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.02 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Tgt Ion:112 Resp: 165332
Ion Ratio Lower Upper
112 100
114 29.1 27.7 41.5

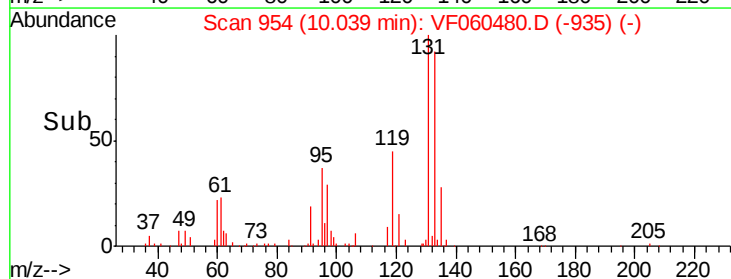
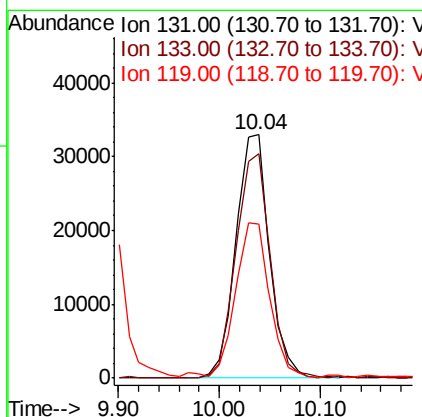
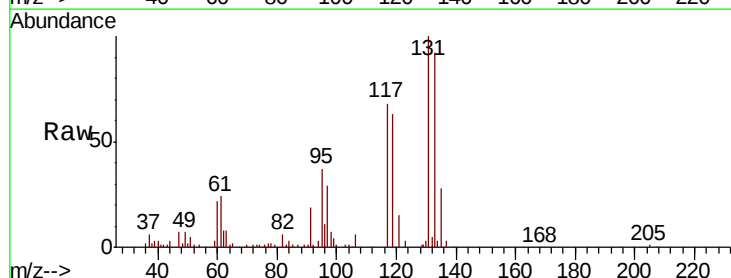
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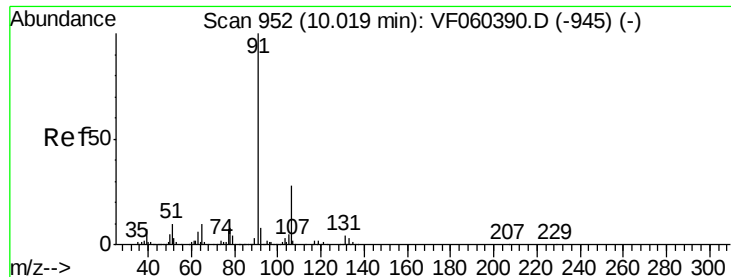
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#66
1,1,1,2-Tetrachloroethane
Concen: 23.294 ug/l
RT: 10.04 min Scan# 954
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Tgt Ion:131 Resp: 76552
Ion Ratio Lower Upper
131 100
133 92.0 47.3 141.8
119 63.3 32.3 96.9





#67

Ethyl Benzene

Concen: 21.950 ug/l

RT: 10.00 min Scan# 950

Delta R.T. -0.02 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

ClientSampleId :

VF1008SBS01

Tgt Ion: 91 Resp: 314130

Ion Ratio Lower Upper

91 100

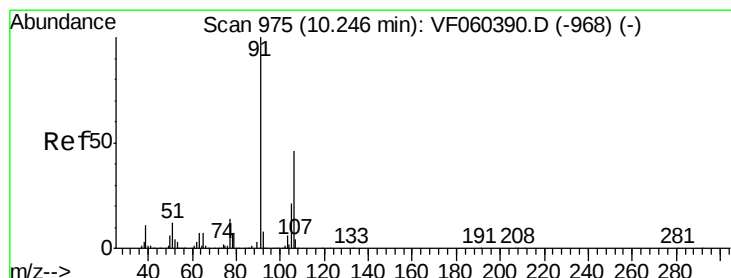
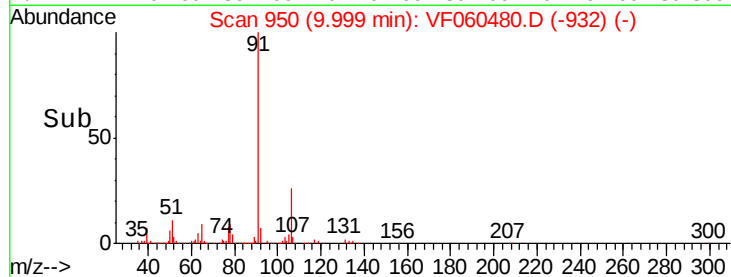
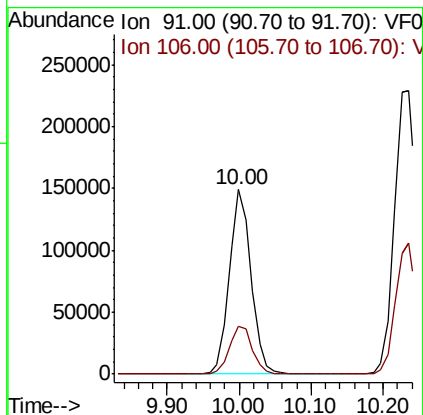
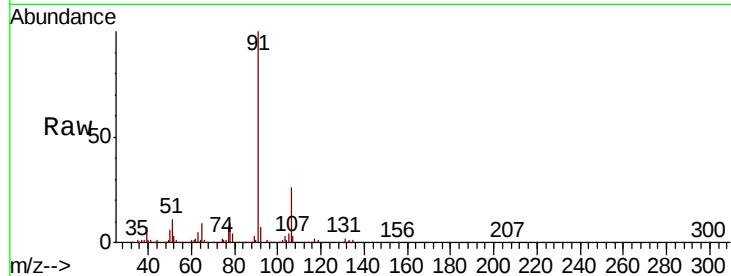
106 25.7 22.5 33.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 44.983 ug/l

RT: 10.24 min Scan# 974

Delta R.T. -0.01 min

Lab File: VF060480.D

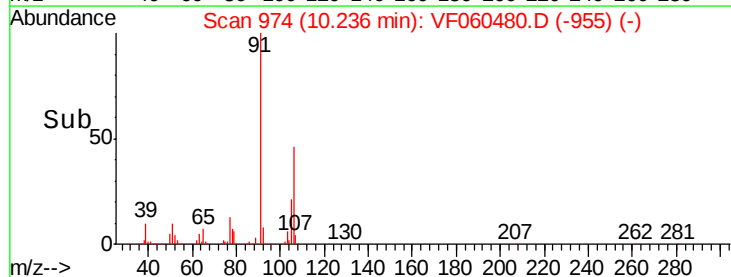
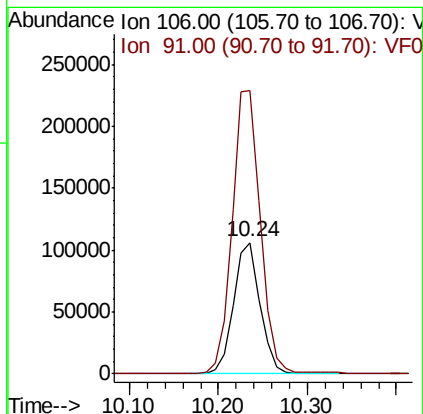
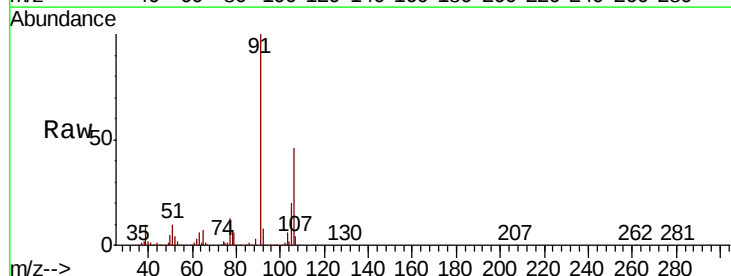
Acq: 8 Oct 2018 12:29

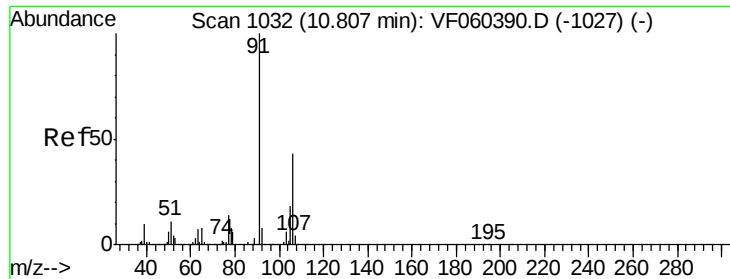
Tgt Ion: 106 Resp: 221295

Ion Ratio Lower Upper

106 100

91 215.8 175.0 262.6





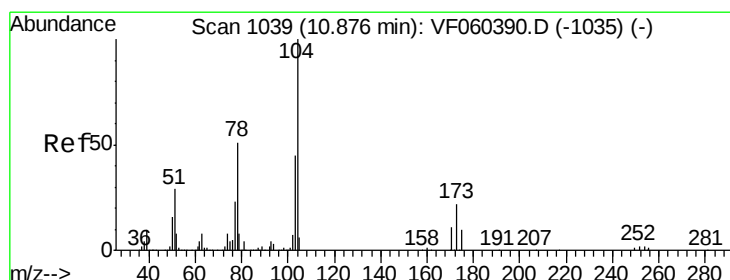
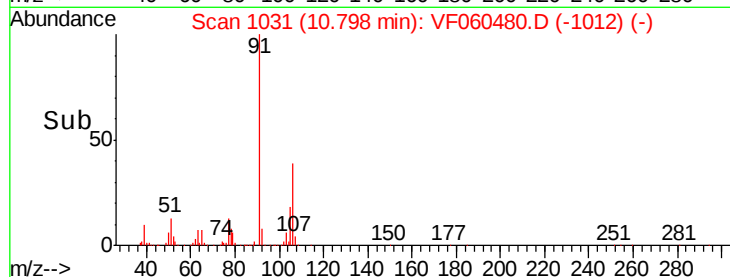
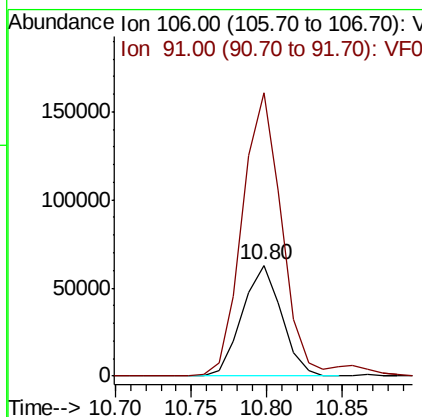
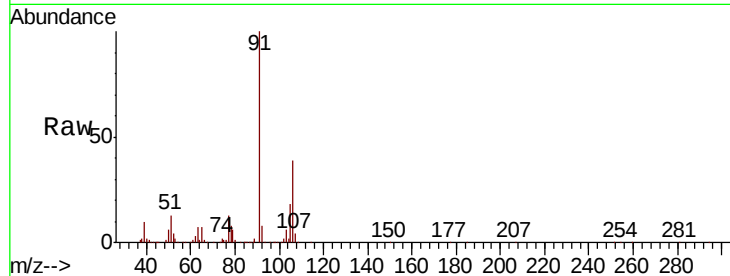
#69
o-Xylene
Concen: 21.301 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Tgt Ion:106 Resp: 114227
Ion Ratio Lower Upper
106 100
91 255.1 115.1 345.2

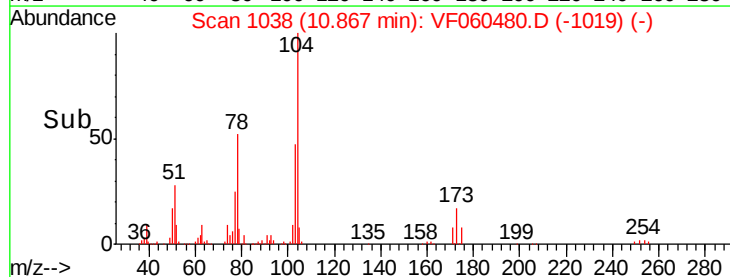
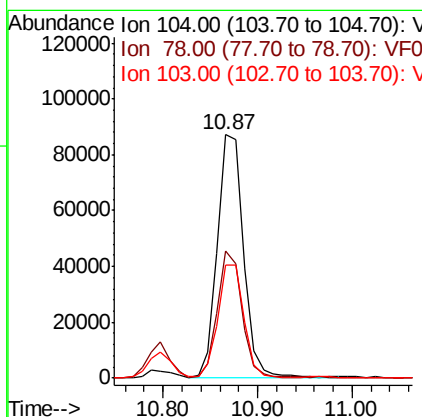
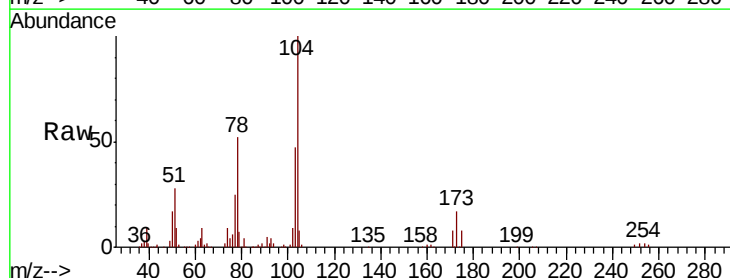
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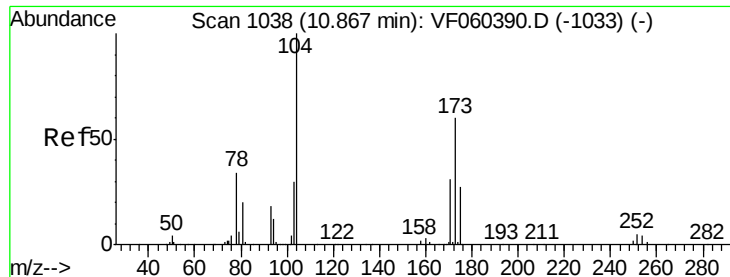
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#70
Styrene
Concen: 21.937 ug/l
RT: 10.87 min Scan# 1038
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Tgt Ion:104 Resp: 167326
Ion Ratio Lower Upper
104 100
78 52.3 41.0 61.4
103 46.5 36.4 54.6





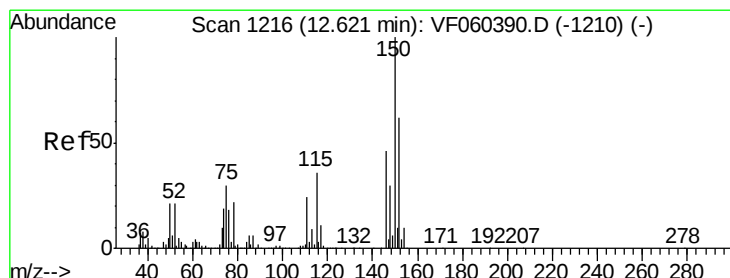
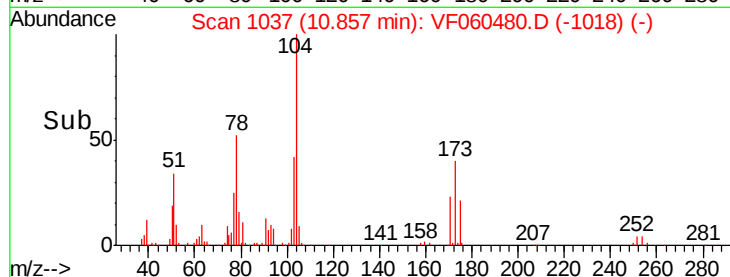
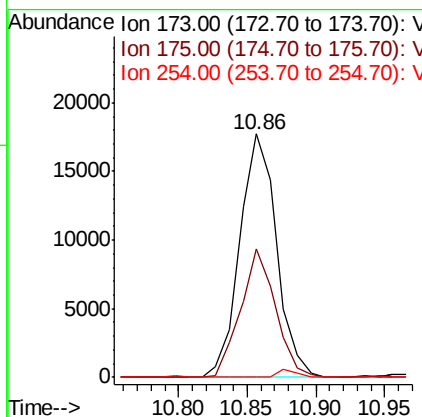
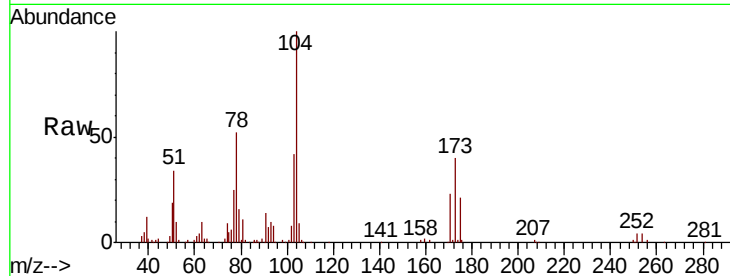
#71
Bromoform
Concen: 18.840 ug/l
RT: 10.86 min Scan# 1037
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	32963		
175	51.3	22.1	66.1	
254	0.0	0.0	0.0	

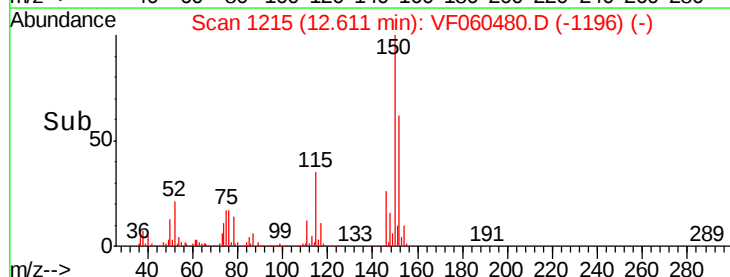
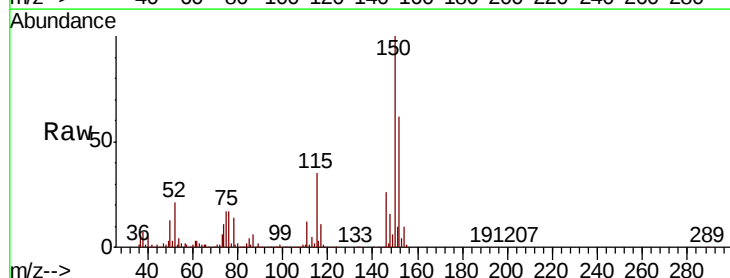
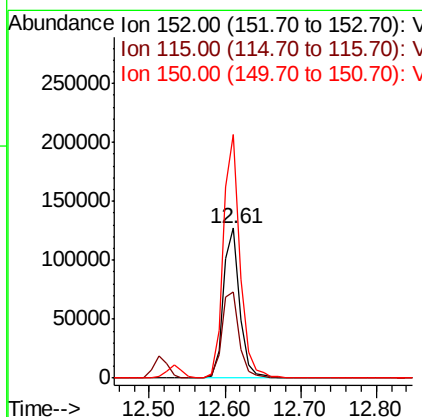
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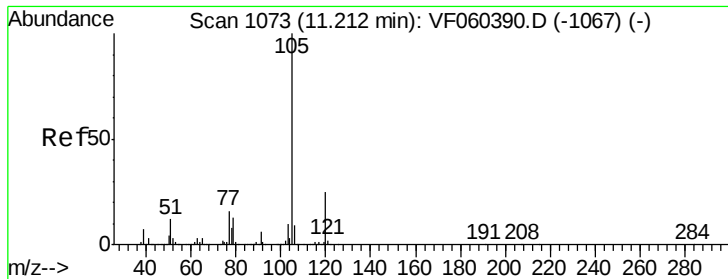
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1215
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	191293		
115	57.0	28.6	85.8	
150	162.3	0.0	324.6	





#73

Isopropylbenzene

Concen: 22.931 ug/l

RT: 11.20 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

ClientSampleId :

VF1008SBS01

Tgt Ion: 105 Resp: 345388

Ion Ratio Lower Upper

105 100

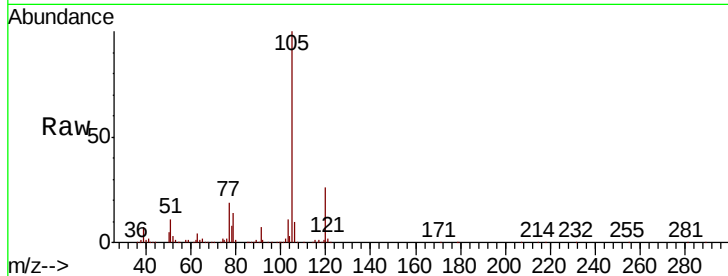
120 26.4 12.3 36.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

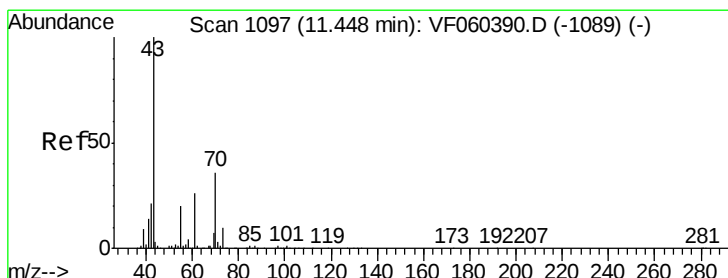
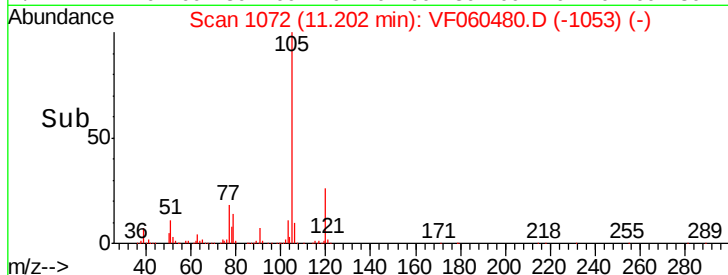
100000

50000

0

11.10 11.20 11.30

Time-->



#74

N-ethyl acetate

Concen: 19.456 ug/l

RT: 11.44 min Scan# 1096

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt Ion: 43 Resp: 67257

Ion Ratio Lower Upper

43 100

70 37.8 29.1 43.7

55 23.7 16.3 24.5

61 25.6 21.0 31.4

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

60000

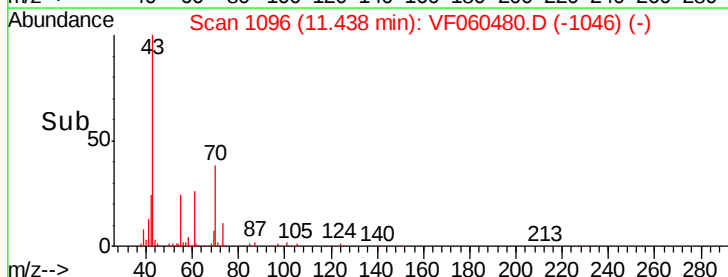
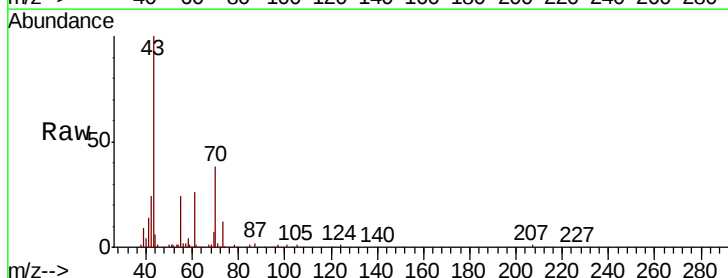
40000

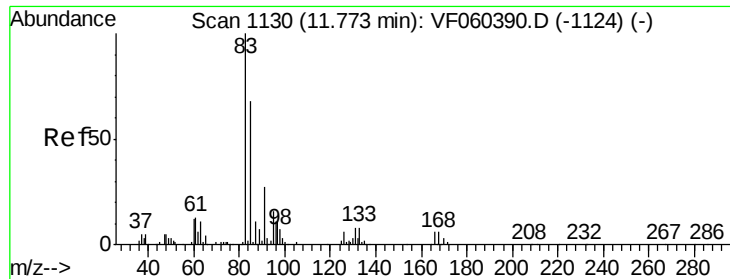
20000

0

11.30 11.40 11.50

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.270 ug/l

RT: 11.76 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

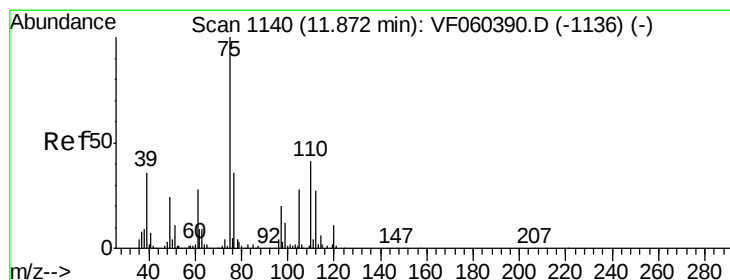
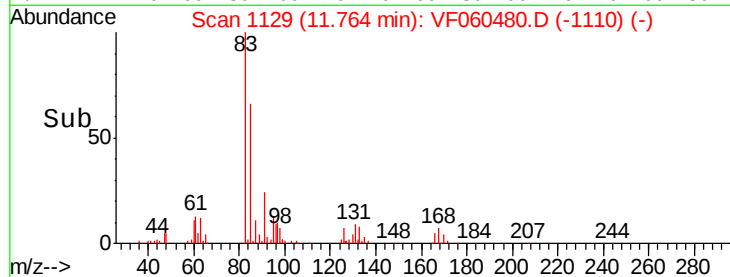
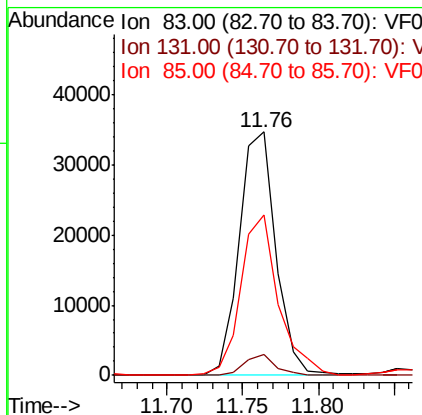
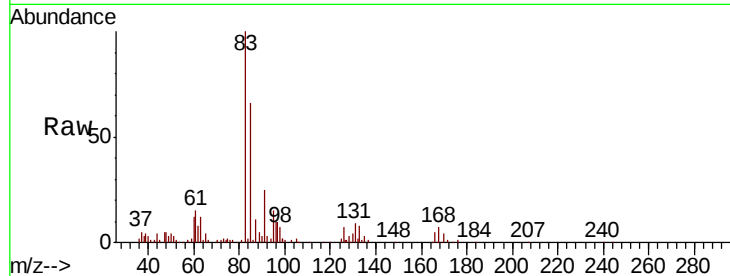
ClientSampleId :

VF1008SBS01

Tgt Ion:	83	Resp:	58407
Ion Ratio	Lower	Upper	
83	100		
131	8.6	4.0	12.0
85	65.9	34.0	102.0

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#76

1,2,3-Trichloropropane

Concen: 20.949 ug/l

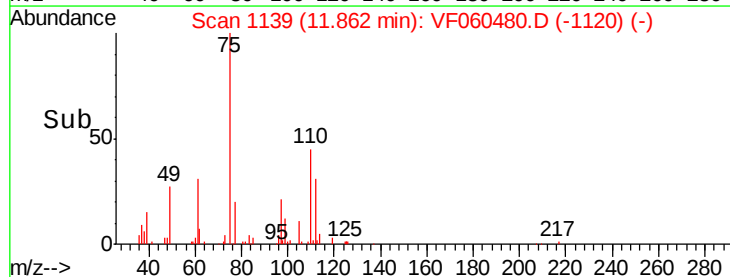
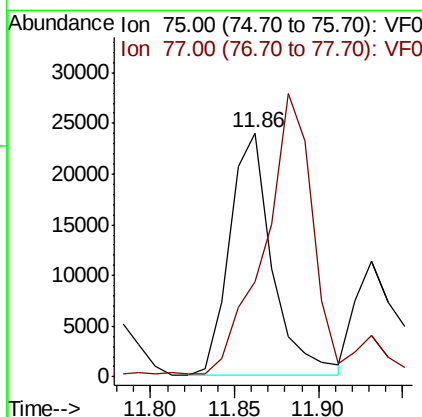
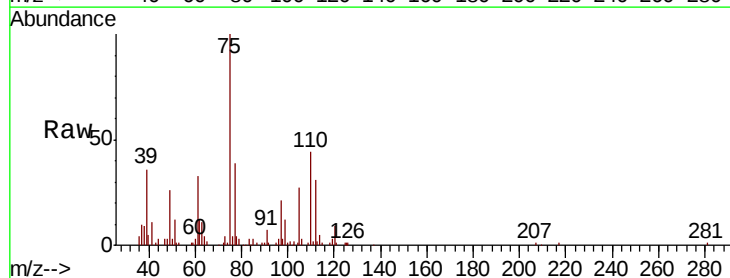
RT: 11.86 min Scan# 1139

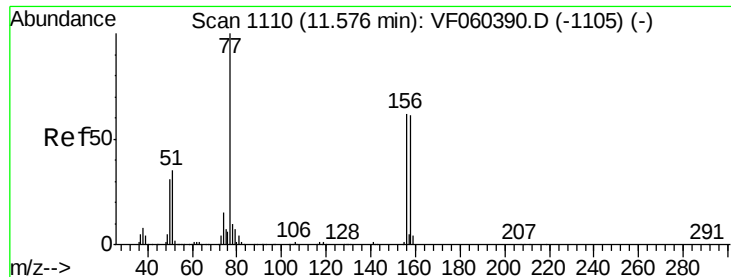
Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt Ion:	75	Resp:	42351
Ion Ratio	Lower	Upper	
75	100		
77	38.9	18.1	54.4





#77

Bromobenzene

Concen: 22.413 ug/l

RT: 11.57 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

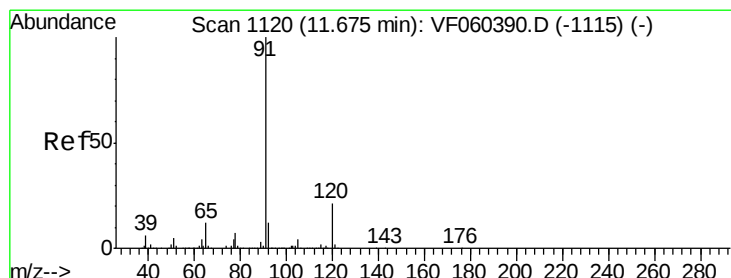
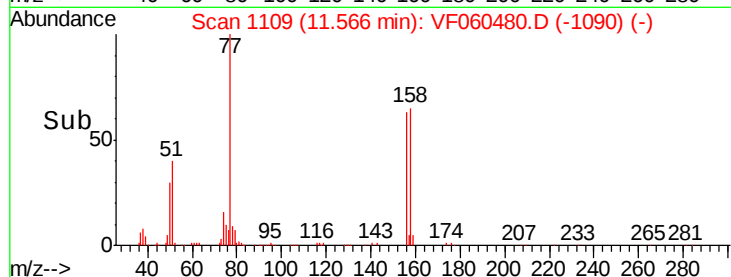
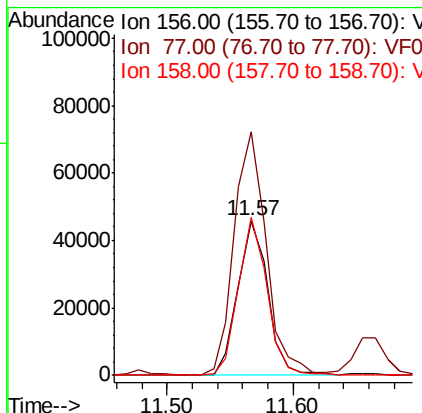
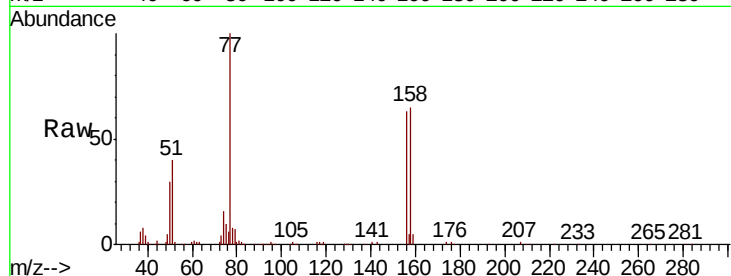
ClientSampleId :

VF1008SBS01

Tgt Ion:	156	Resp:	75462
Ion Ratio	Lower	Upper	
156	100		
77	158.0	81.3	243.9
158	102.1	49.6	149.0

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#78

n-propylbenzene

Concen: 23.915 ug/l

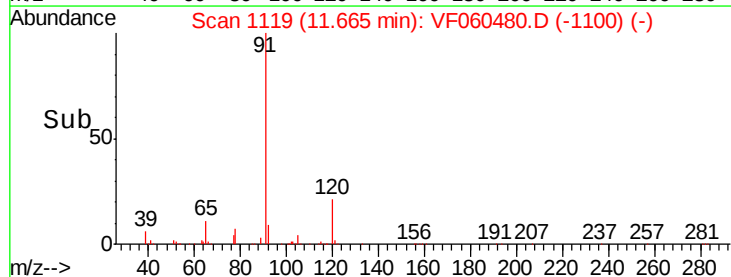
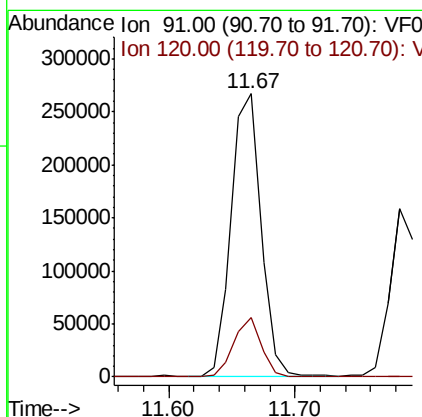
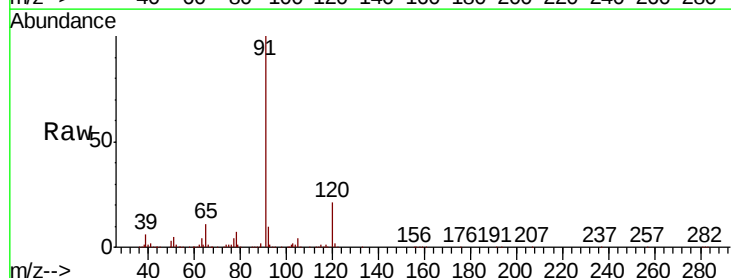
RT: 11.67 min Scan# 1119

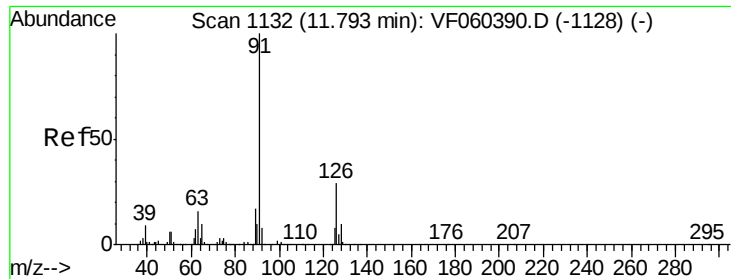
Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt Ion:	91	Resp:	436679
Ion Ratio	Lower	Upper	
91	100		
120	20.9	10.5	31.6





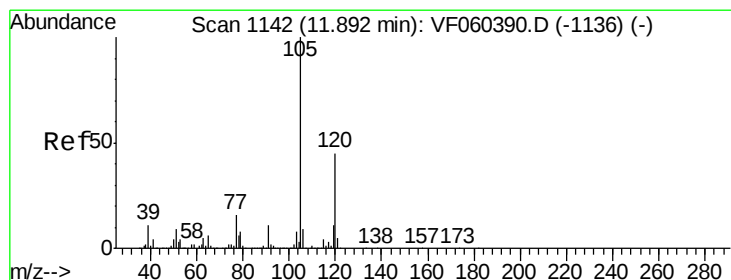
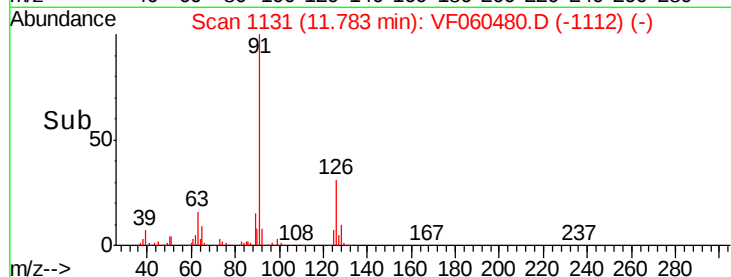
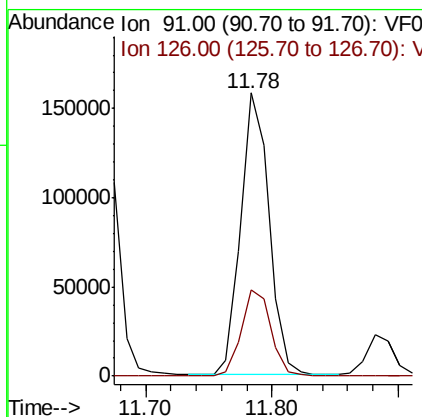
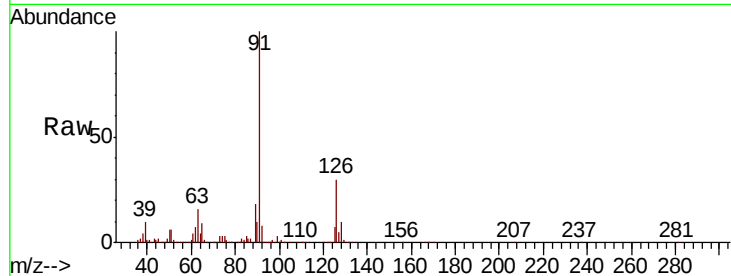
#79
 2-Chlorotoluene
 Concen: 22.961 ug/l
 RT: 11.78 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1008SBS01

Tgt Ion: 91 Resp: 245250
 Ion Ratio Lower Upper
 91 100
 126 30.4 14.4 43.4

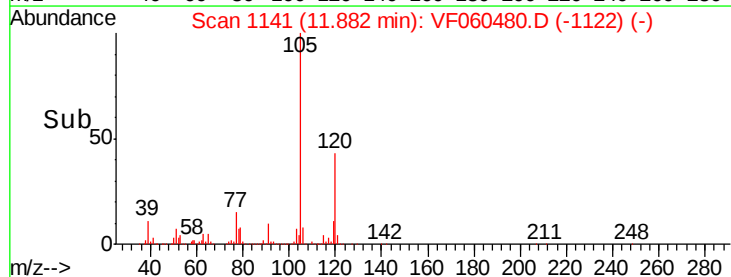
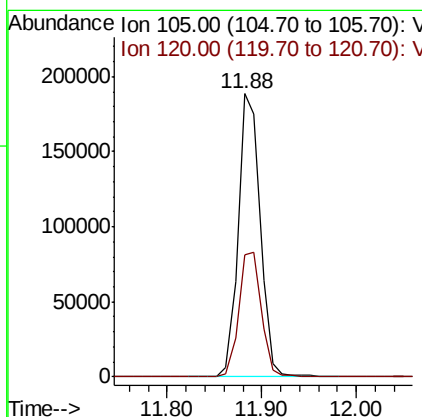
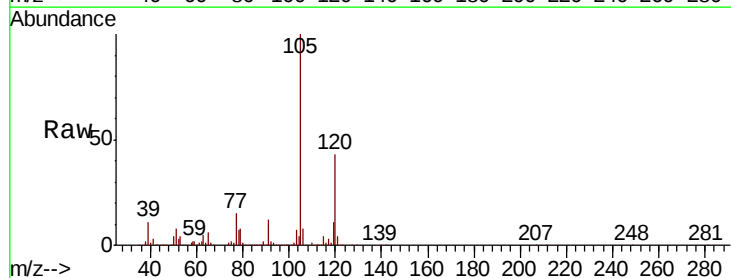
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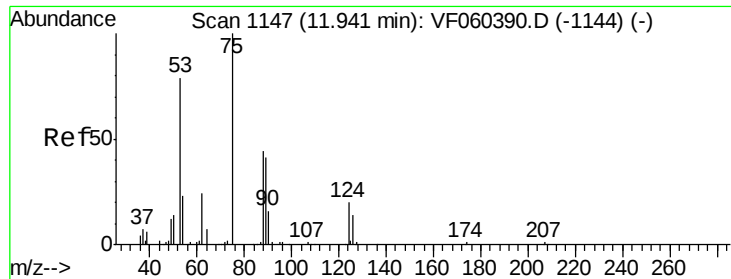
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#80
 1,3,5-Trimethylbenzene
 Concen: 23.779 ug/l
 RT: 11.88 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Tgt Ion: 105 Resp: 304300
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.3 66.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.616 ug/l m

RT: 11.93 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Instrument :

MSVOA_F

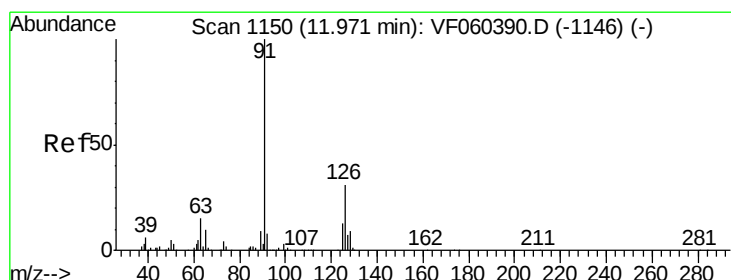
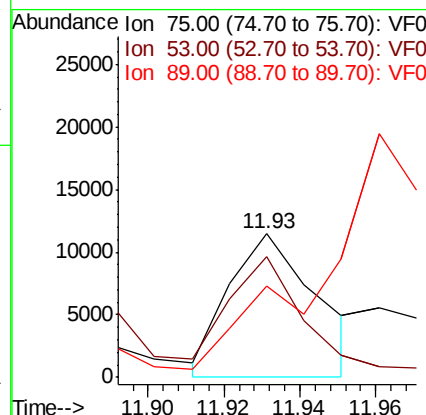
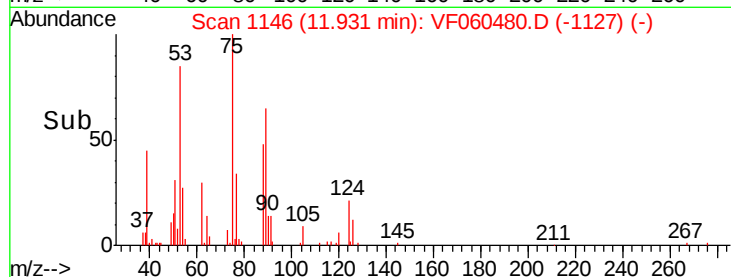
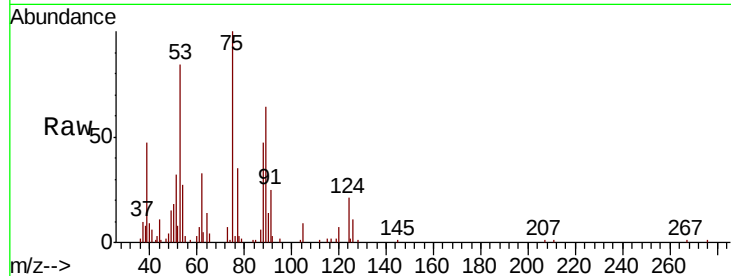
ClientSampleId :

VF1008SBS01

Tgt Ion:	75	Resp:	18475
Ion Ratio	Lower	Upper	
75	100		
53	83.6	67.8	101.8
89	63.7	36.7	55.1#

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#82

4-Chlorotoluene

Concen: 22.780 ug/l

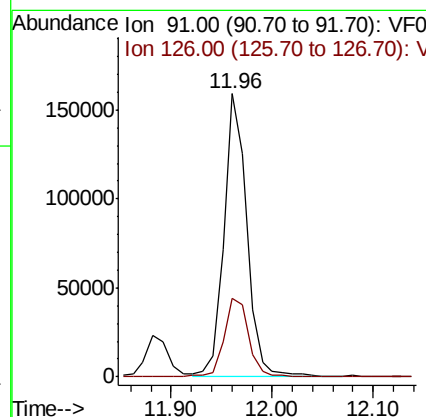
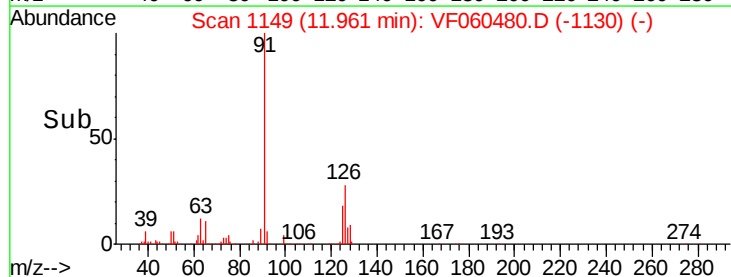
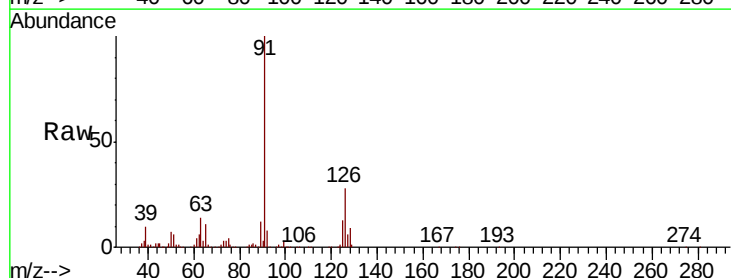
RT: 11.96 min Scan# 1149

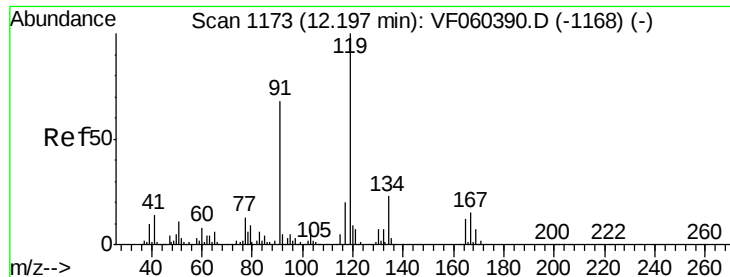
Delta R.T. -0.01 min

Lab File: VF060480.D

Acq: 8 Oct 2018 12:29

Tgt Ion:	91	Resp:	248959
Ion Ratio	Lower	Upper	
91	100		
126	27.7	15.7	47.0





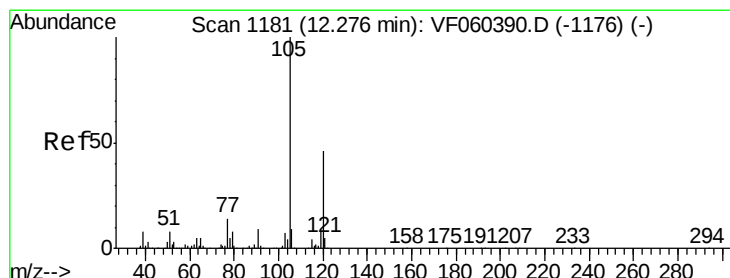
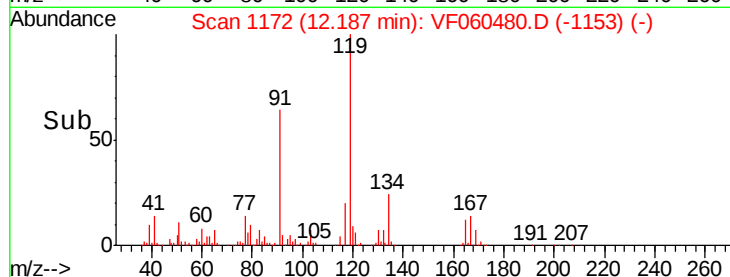
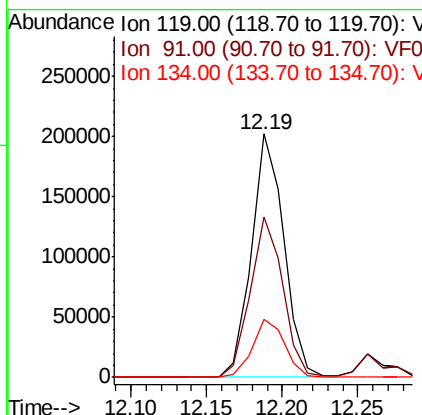
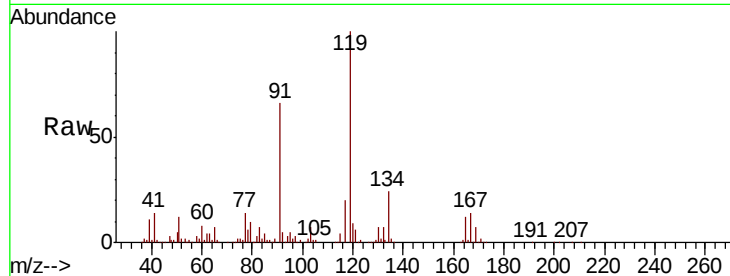
#83
 tert-Butylbenzene
 Concen: 24.118 ug/l
 RT: 12.19 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	304415		
91	65.8	34.0	102.0	
134	23.7	11.7	35.0	

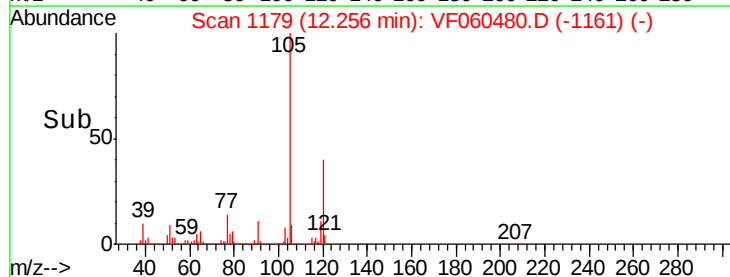
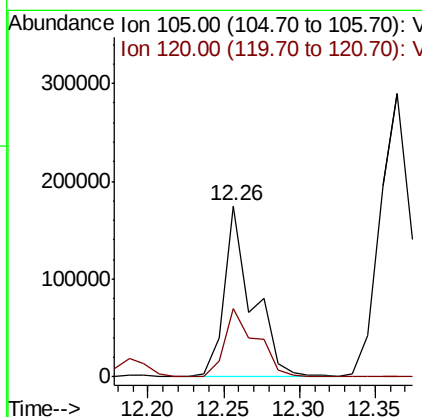
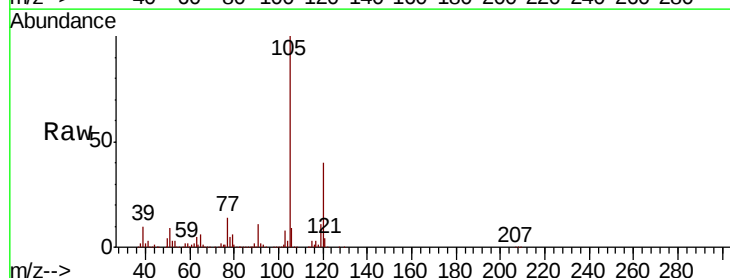
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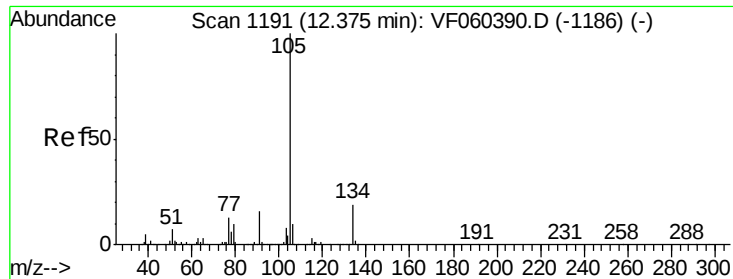
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.823 ug/l
 RT: 12.26 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	226189		
120	39.8	23.1	69.2	





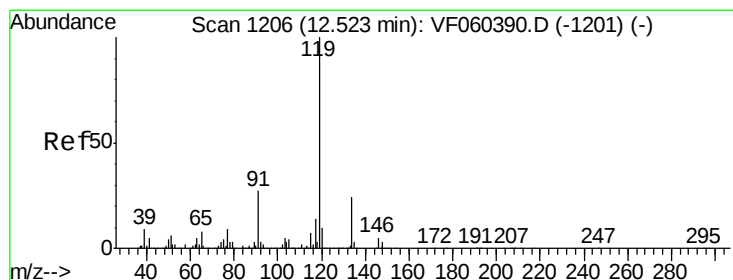
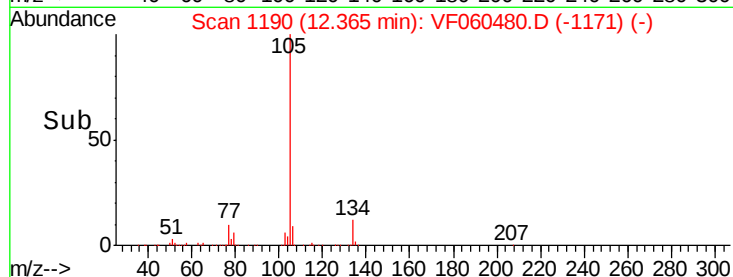
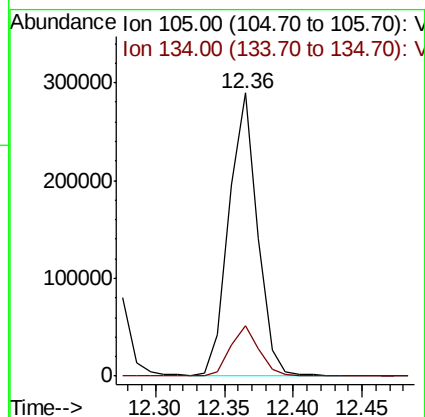
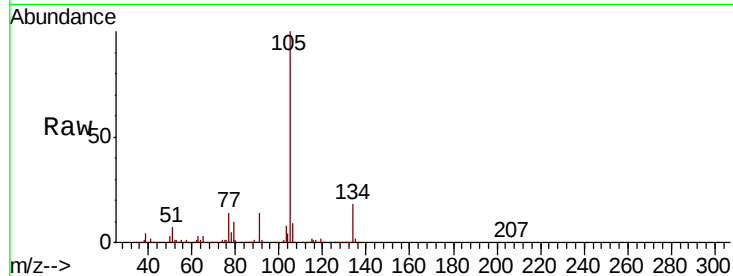
#85
 sec-Butylbenzene
 Concen: 23.863 ug/l
 RT: 12.36 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	415736		
134	17.9	9.4	28.3	

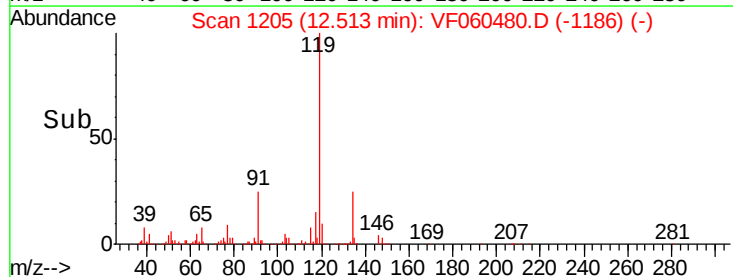
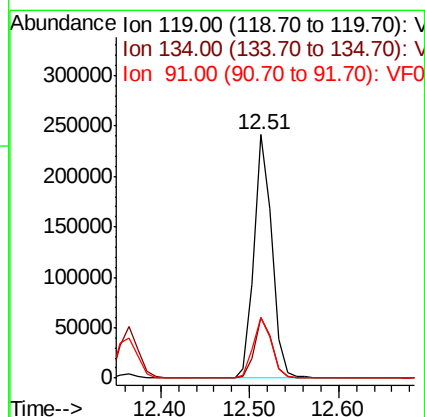
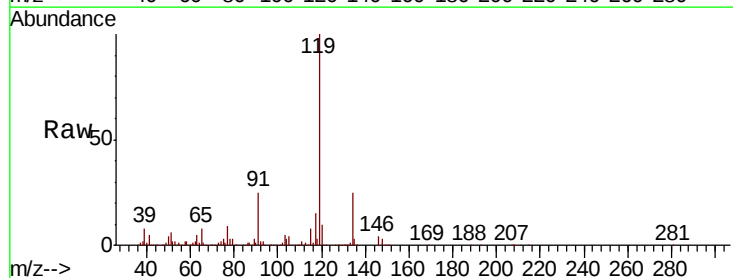
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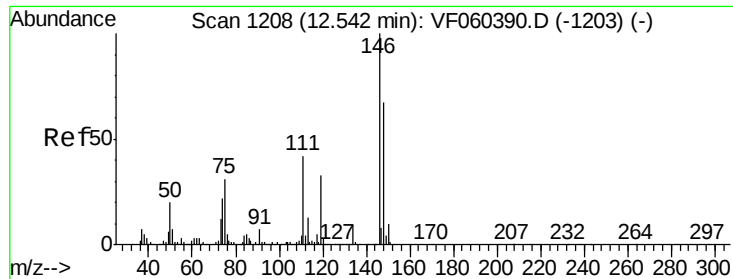
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#86
 p-Isopropyltoluene
 Concen: 23.411 ug/l
 RT: 12.51 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	333211		
134	24.8	12.3	36.8	
91	25.0	13.5	40.4	





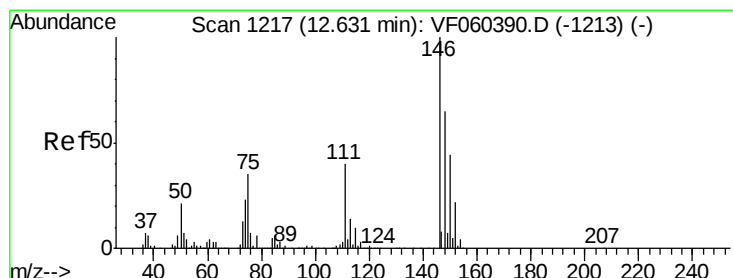
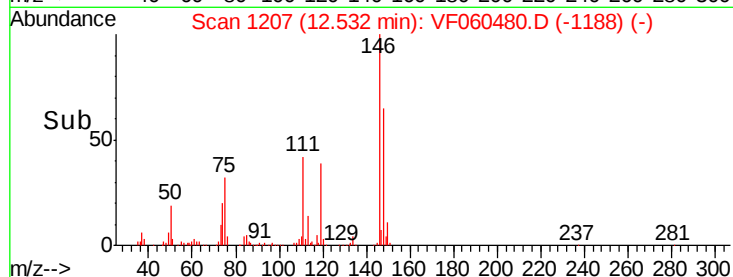
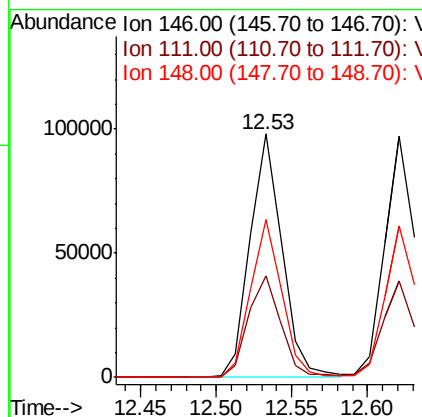
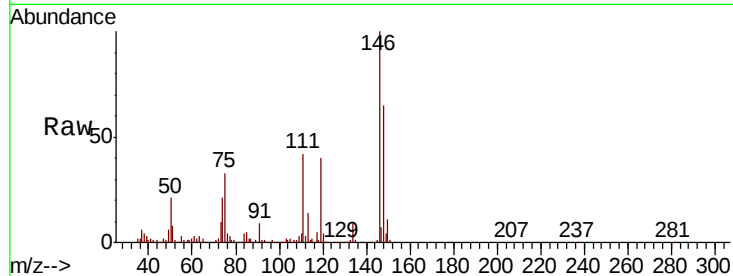
#87
 1,3-Dichlorobenzene
 Concen: 22.973 ug/l
 RT: 12.53 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	145546		
111	41.9	20.9	62.7	
148	65.0	33.6	100.8	

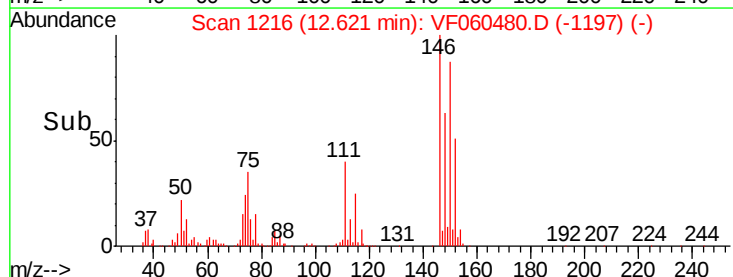
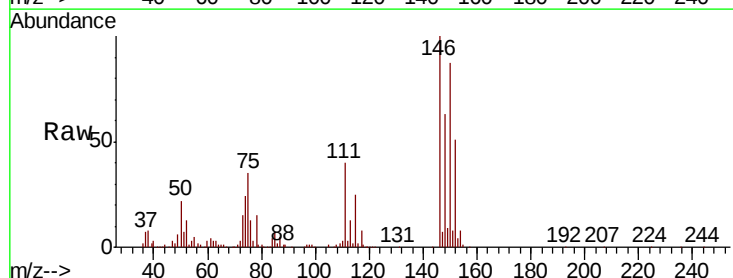
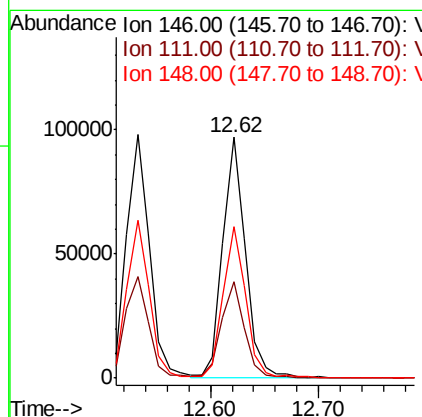
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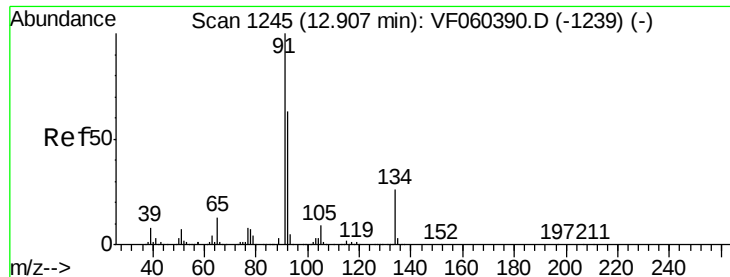
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#88
 1,4-Dichlorobenzene
 Concen: 22.707 ug/l
 RT: 12.62 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	141861		
111	39.9	20.2	60.6	
148	62.8	32.6	97.8	





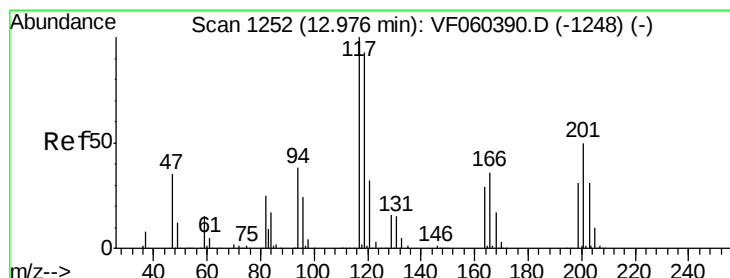
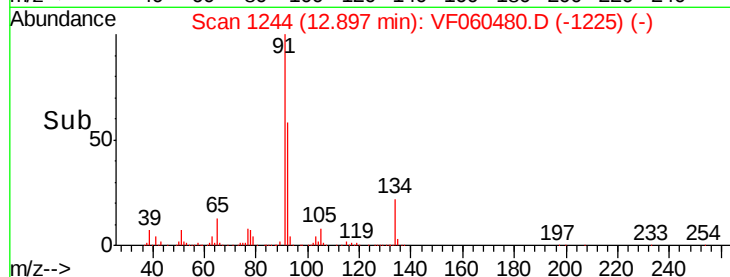
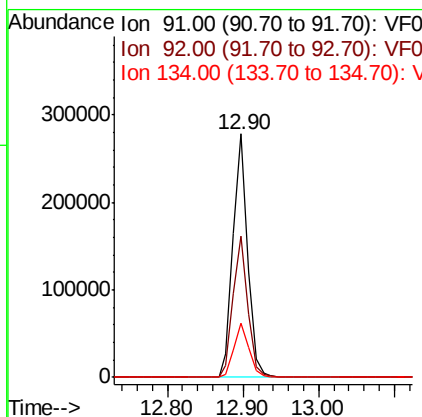
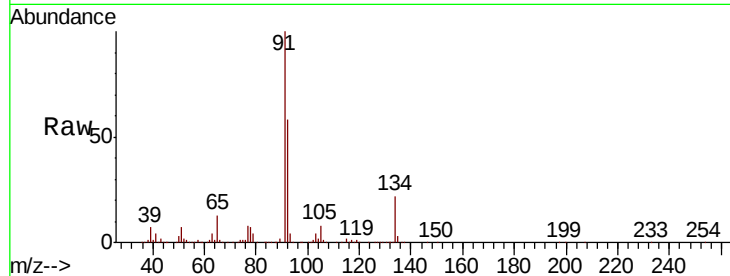
#89
n-Butylbenzene
Concen: 24.467 ug/l
RT: 12.90 min Scan# 1244
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	368500		
92	58.2	31.3	93.9	
134	22.4	13.0	38.9	

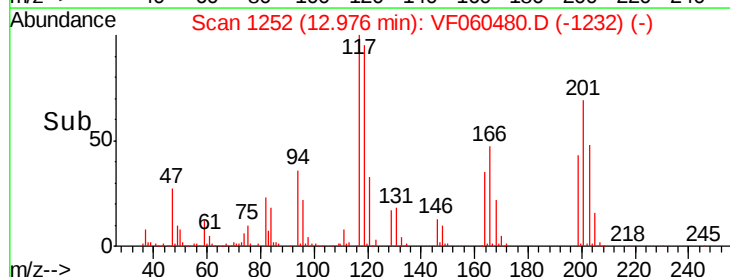
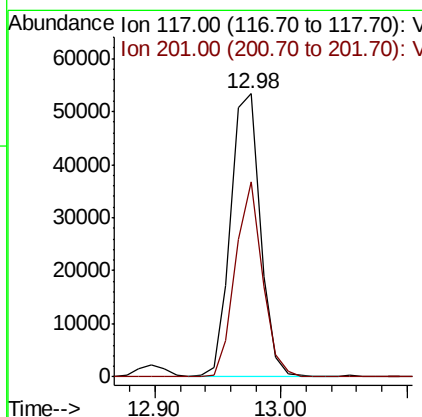
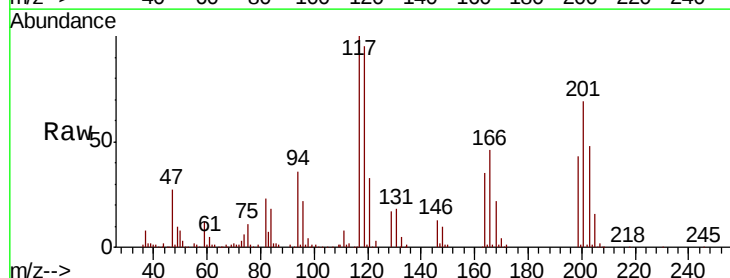
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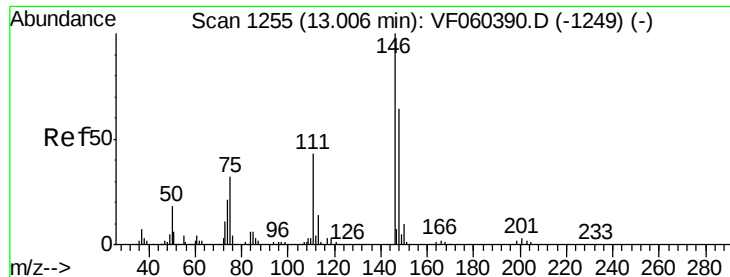
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#90
Hexachloroethane
Concen: 23.674 ug/l
RT: 12.98 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	87088		
201	68.9	25.5	76.5	





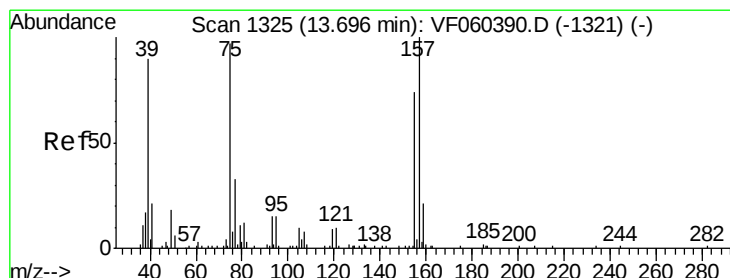
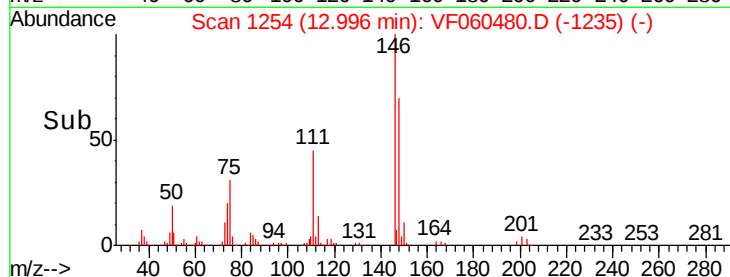
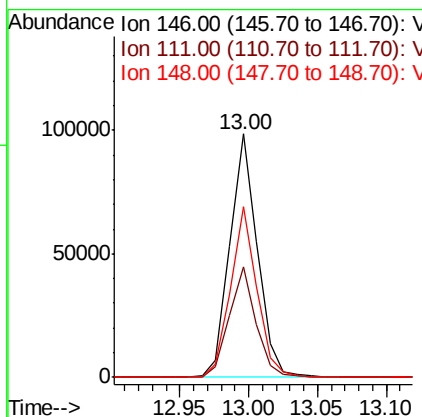
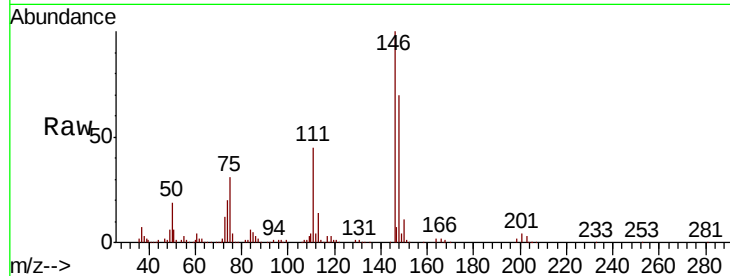
#91
 1,2-Dichlorobenzene
 Concen: 22.704 ug/l
 RT: 13.00 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	137826		
111	45.2	21.3	64.0	
148	70.2	32.2	96.6	

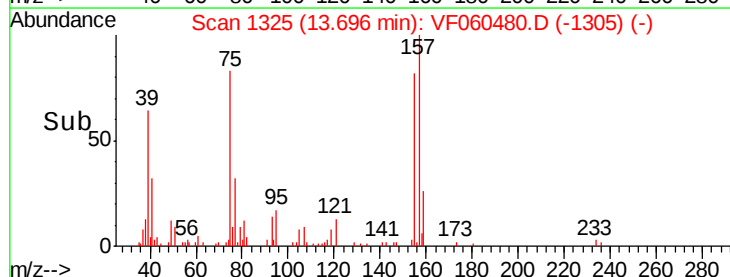
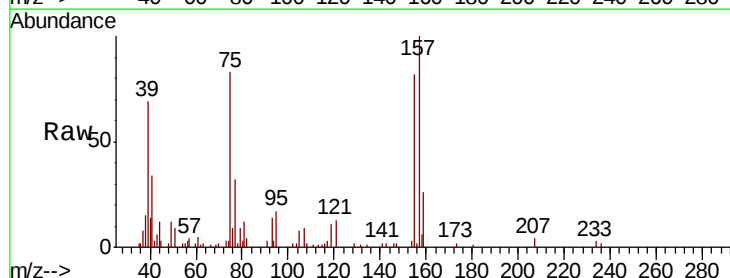
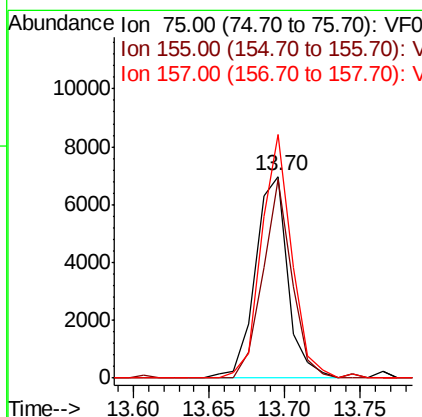
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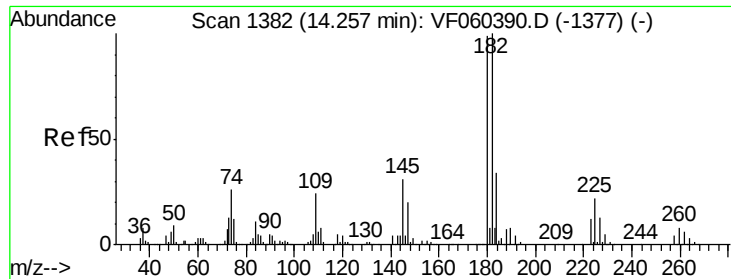
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.769 ug/l
 RT: 13.70 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10524		
155	98.6	37.9	113.6	
157	120.8	51.3	154.0	





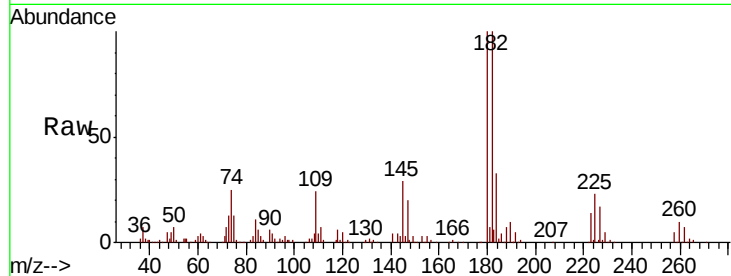
#93
 1,2,4-Trichlorobenzene
 Concen: 24.280 ug/l
 RT: 14.25 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	110166		
182	99.6	50.3	150.9	
145	28.9	15.5	46.5	

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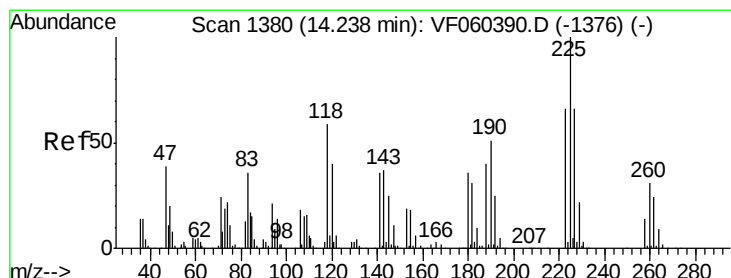
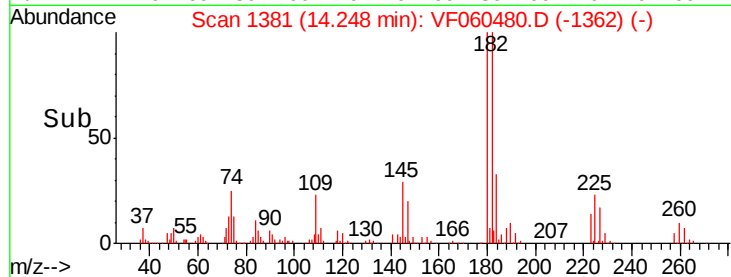
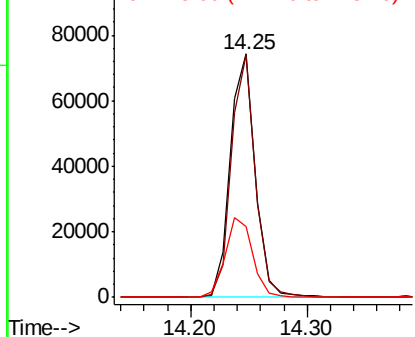


Abundance

Ion 180.00 (179.70 to 180.70): V

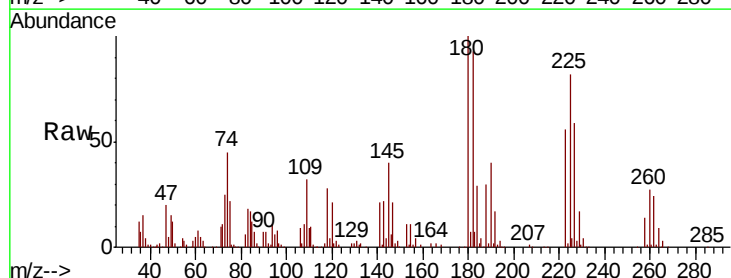
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94
 Hexachlorobutadiene
 Concen: 23.274 ug/l
 RT: 14.24 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: VF060480.D
 Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73701		
223	68.6	32.8	98.4	
227	71.6	33.0	99.0	

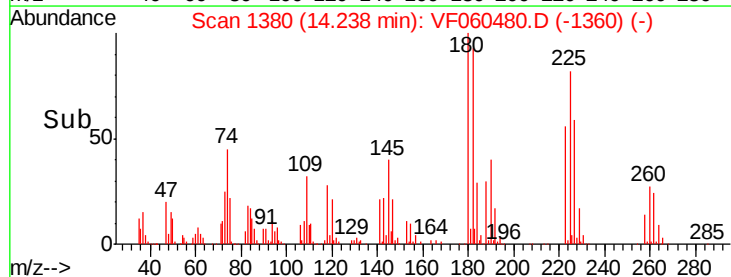
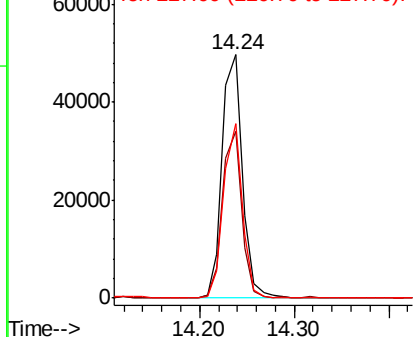


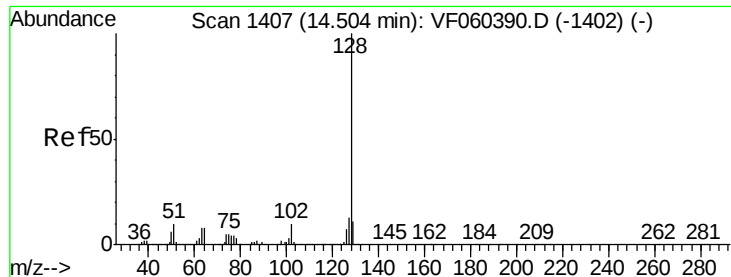
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





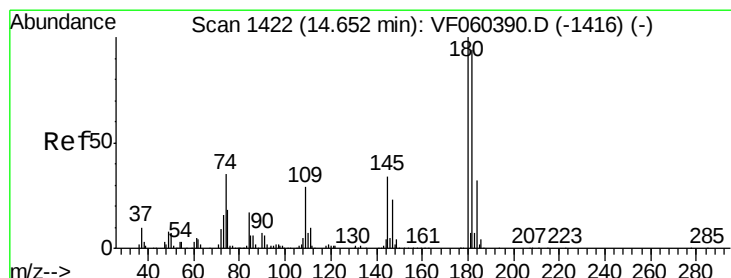
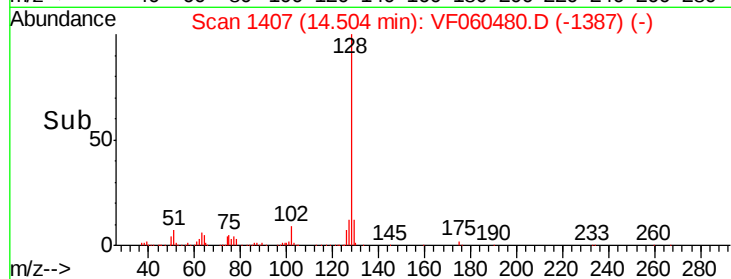
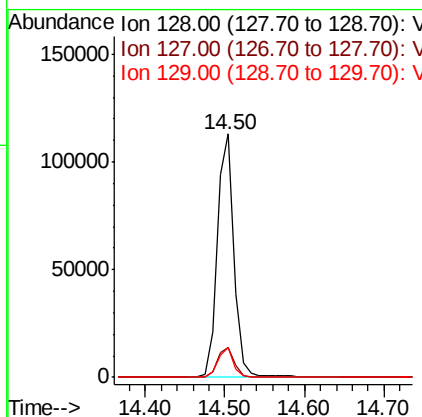
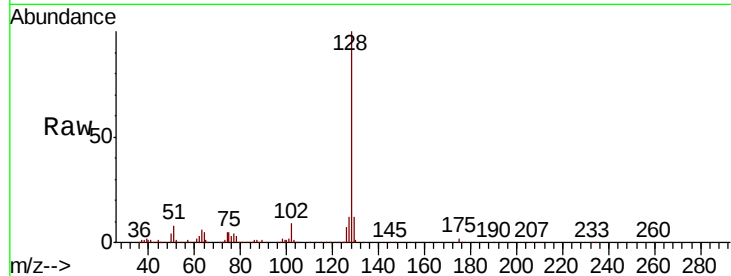
#95
Naphthalene
Concen: 20.551 ug/l
RT: 14.50 min Scan# 1407
Delta R.T. 0.00 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	166716		
127	12.1	10.0	15.0	
129	12.5	8.7	13.1	

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#96
1,2,3-Trichlorobenzene
Concen: 23.591 ug/l
RT: 14.64 min Scan# 1421
Delta R.T. -0.01 min
Lab File: VF060480.D
Acq: 8 Oct 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	100338		
182	92.5	46.8	140.3	
145	33.3	16.9	50.6	

