

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100118\
 Data File : VF060394.D
 Acq On : 1 Oct 2018 21:00
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICSVVF100118

Manual Integrations
 APPROVED

apatel
 10/2/2018 12:29:50 PM

Quant Time: Oct 02 12:06:05 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	5.02	168	295490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	475520	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	419497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	223983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	215052	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
35) Dibromofluoromethane	4.27	113	225439	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	7.69	98	567239	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.49	95	239650	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	0.99	85	303578	47.523	ug/l	96
3) Chloromethane	1.12	50	210988	52.583	ug/l	95
4) Vinyl Chloride	1.17	62	211673	50.712	ug/l	99
5) Bromomethane	1.35	94	157122	48.598	ug/l	97
6) Chloroethane	1.43	64	108013	51.855	ug/l	95
7) Trichlorofluoromethane	1.53	101	443761	45.823	ug/l	97
8) Diethyl Ether	1.69	74	67600	50.935	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	1.90	101	224257	48.344	ug/l	99
10) Methyl Iodide	1.97	142	363298m	51.356	ug/l	
11) Tert butyl alcohol	2.67	59	63388	226.647	ug/l #	82
12) 1,1-Dichloroethene	1.85	96	184857	51.575	ug/l	92
13) Acrolein	2.08	56	57244	254.510	ug/l	98
14) Allyl chloride	2.18	41	307466	53.536	ug/l	87
15) Acrylonitrile	3.05	53	150465	313.975	ug/l #	89
16) Acetone	2.33	43	206258	213.067	ug/l #	88
17) Carbon Disulfide	1.89	76	575202	52.997	ug/l	96
18) Methyl Acetate	2.43	43	83582	48.028	ug/l	99
19) Methyl tert-butyl Ether	2.52	73	439817	50.380	ug/l	98
20) Methylene Chloride	2.27	84	173726m	51.664	ug/l	
21) trans-1,2-Dichloroethene	2.39	96	188181	52.569	ug/l	100
22) Diisopropyl ether	2.91	45	536186	51.435	ug/l	93
23) Vinyl Acetate	3.31	43	1096395	264.766	ug/l #	95
24) 1,1-Dichloroethane	2.99	63	353083	50.086	ug/l	99
25) 2-Butanone	4.48	43	292564	244.366	ug/l	94
26) 2,2-Dichloropropane	3.73	77	181759	45.523	ug/l	97
27) cis-1,2-Dichloroethene	3.61	96	209126	52.250	ug/l	95
28) Bromochloromethane	3.85	49	127722	49.159	ug/l	89
29) Tetrahydrofuran	4.22	42	128116	284.707	ug/l	99
30) Chloroform	4.01	83	409908	47.123	ug/l	99
31) Cyclohexane	3.83	56	283820m	56.068	ug/l	
32) 1,1,1-Trichloroethane	4.25	97	336056	46.426	ug/l	93
36) 1,1-Dichloropropene	4.43	75	308461	52.614	ug/l	97
37) Ethyl Acetate	4.26	43	117195	52.200	ug/l #	95
38) Carbon Tetrachloride	4.14	117	291203	40.805	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.60	83	314585	54.734	ug/l	88
40) Benzene	4.78	78	639752	54.967	ug/l	98
41) Methacrylonitrile	4.89	41	63411	53.269	ug/l	92
42) 1,2-Dichloroethane	5.09	62	255705	46.052	ug/l	99
43) Isopropyl Acetate	7.09	43	146775	54.098	ug/l #	91
44) Trichloroethene	5.65	130	192278	51.488	ug/l	100
45) 1,2-Dichloropropane	6.38	63	164841	53.183	ug/l #	87
46) Dibromomethane	6.23	93	125422	50.329	ug/l	92
47) Bromodichloromethane	6.52	83	289546	46.914	ug/l	97
48) Methyl methacrylate	6.85	41	92857	47.678	ug/l	96
49) 1,4-Dioxane	6.84	88	18109	1078.398	ug/l #	87
51) 4-Methyl-2-Pentanone	8.38	43	520839	269.678	ug/l	95
52) Toluene	7.76	92	405081	51.242	ug/l	97
53) t-1,3-Dichloropropene	8.40	75	227113	46.955	ug/l	99
54) cis-1,3-Dichloropropene	7.43	75	288120	50.968	ug/l	95
55) 1,1,2-Trichloroethane	8.61	97	116737	46.588	ug/l	86
56) Ethyl methacrylate	8.73	69	150674	52.917	ug/l	98
57) 1,3-Dichloropropane	8.98	76	203223	47.940	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.76	63	70002	240.686	ug/l	100
59) 2-Hexanone	9.61	43	355699	251.092	ug/l	97
60) Dibromochloromethane	8.84	129	184226	48.830	ug/l	98
61) 1,2-Dibromoethane	9.11	107	134611	49.095	ug/l	100
64) Tetrachloroethene	8.28	164	171745	51.502	ug/l	96
65) Chlorobenzene	9.92	112	437678	50.791	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.04	131	188126	49.999	ug/l	100
67) Ethyl Benzene	10.01	91	812222	49.572	ug/l	98
68) m/p-Xylenes	10.25	106	578254	102.663	ug/l	91
69) o-Xylene	10.81	106	317806	51.764	ug/l	94
70) Styrene	10.88	104	425766	48.754	ug/l	99
71) Bromoform	10.87	173	100123	49.981	ug/l #	97
73) Isopropylbenzene	11.21	105	931311	52.808	ug/l	100
74) N-amyl acetate	11.44	43	233487	57.686	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.77	83	164339	51.112	ug/l	98
76) 1,2,3-Trichloropropane	11.87	75	117752	49.746	ug/l	93
77) Bromobenzene	11.58	156	201201	51.037	ug/l	84
78) n-propylbenzene	11.67	91	1070336	50.063	ug/l	100
79) 2-Chlorotoluene	11.80	91	629442	50.330	ug/l	91
80) 1,3,5-Trimethylbenzene	11.90	105	770016	51.391	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.94	75	50697m	48.316	ug/l	
82) 4-Chlorotoluene	11.98	91	632114	49.399	ug/l	100
83) tert-Butylbenzene	12.20	119	764363	51.721	ug/l	95
84) 1,2,4-Trimethylbenzene	12.27	105	756271	50.894	ug/l	99
85) sec-Butylbenzene	12.37	105	1062879	52.104	ug/l	98
86) p-Isopropyltoluene	12.53	119	865904	51.958	ug/l	96
87) 1,3-Dichlorobenzene	12.55	146	369945	49.869	ug/l	96
88) 1,4-Dichlorobenzene	12.64	146	369076	50.455	ug/l	97
89) n-Butylbenzene	12.90	91	872106	49.453	ug/l	96
90) Hexachloroethane	12.98	117	219833	51.037	ug/l	86
91) 1,2-Dichlorobenzene	13.00	146	337630	47.501	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.70	75	31598	50.693	ug/l	86

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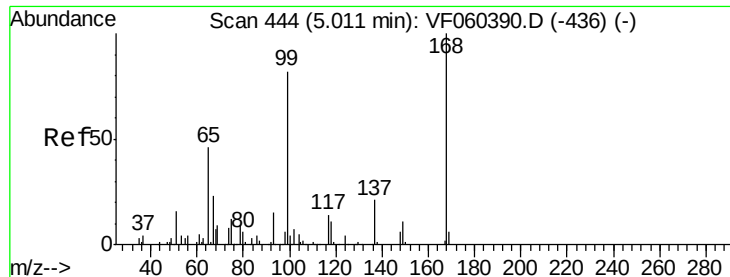
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	260451	49.025	ug/l	95
94) Hexachlorobutadiene	14.24	225	180003	48.546	ug/l	97
95) Naphthalene	14.51	128	536479	56.479	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	264939	53.200	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

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Instrument :

MSVOA_F

ClientSampleId :

ICVVF100118

Tot Ion:168 Resp: 295490

Ion Ratio Lower Upper

168 100

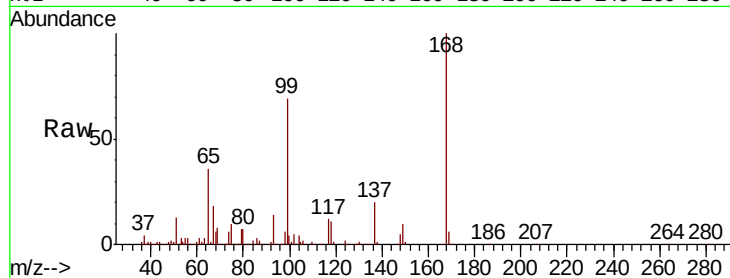
99 68.9 65.3 97.9

Manual Integrations

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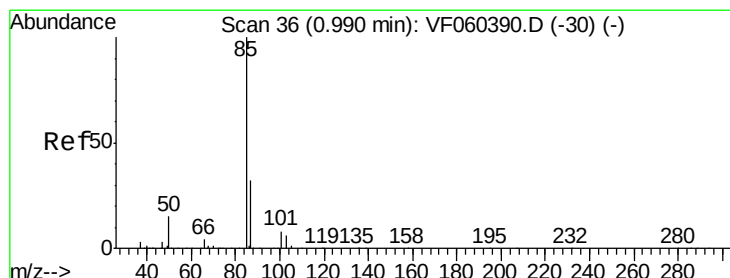
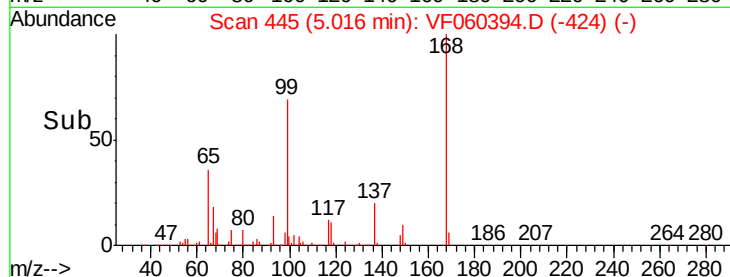
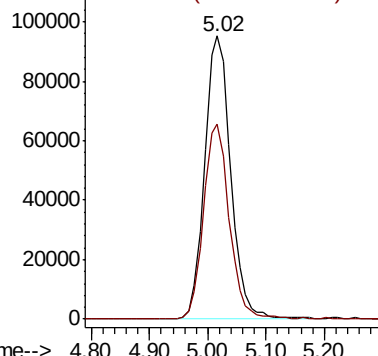
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 47.523 ug/l

RT: 0.99 min Scan# 37

Delta R.T. 0.01 min

Lab File: VF060394.D

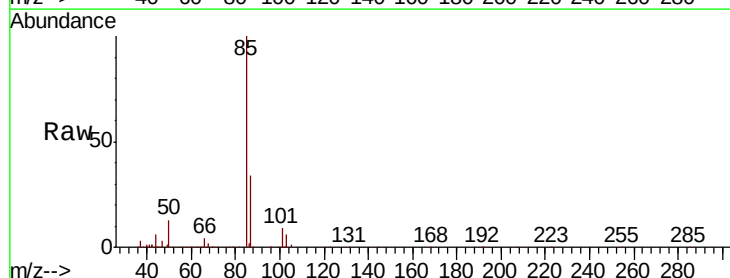
Acq: 1 Oct 2018 21:00

Tgt Ion: 85 Resp: 303578

Ion Ratio Lower Upper

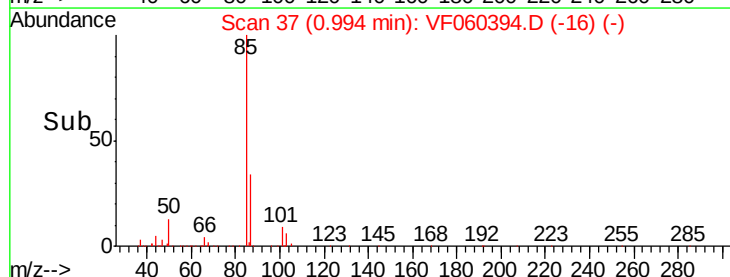
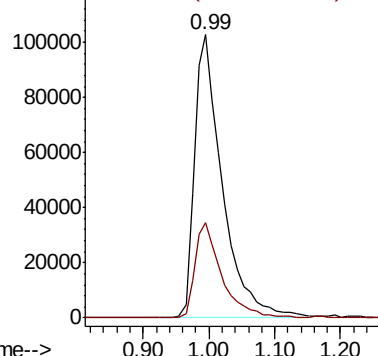
85 100

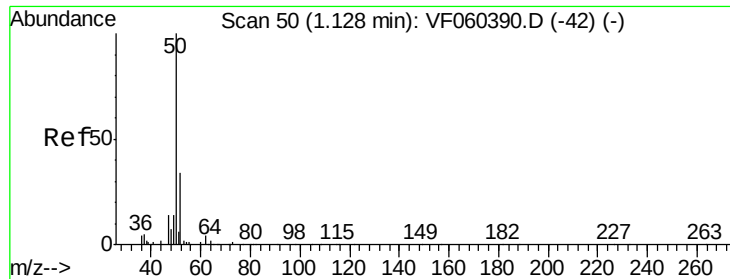
87 33.7 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 52.583 ug/l

RT: 1.12 min Scan# 50

Delta R.T. -0.01 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

ClientSampleId :

ICVVF100118

Tot Ion: 50 Resp: 210988

Ion Ratio Lower Upper

50 100

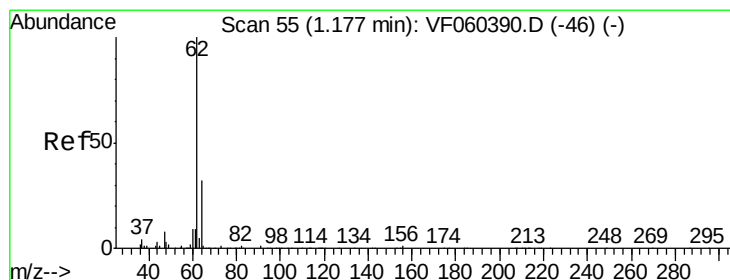
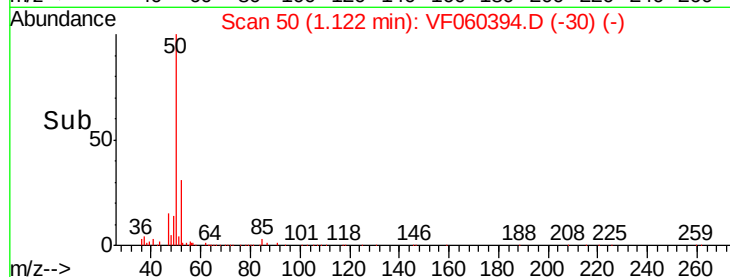
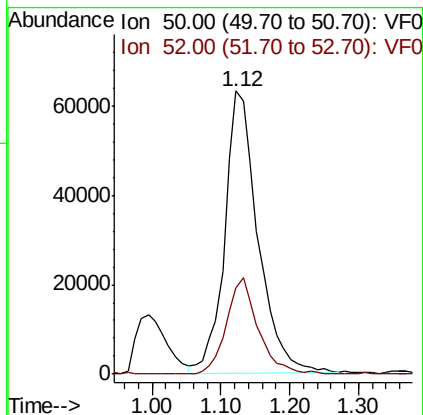
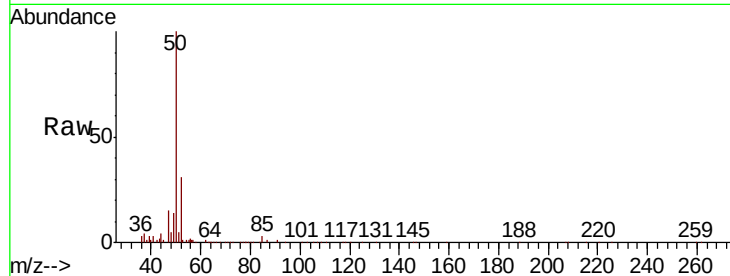
52 30.7 26.9 40.3

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#4

Vinyl Chloride

Concen: 50.712 ug/l

RT: 1.17 min Scan# 55

Delta R.T. -0.01 min

Lab File: VF060394.D

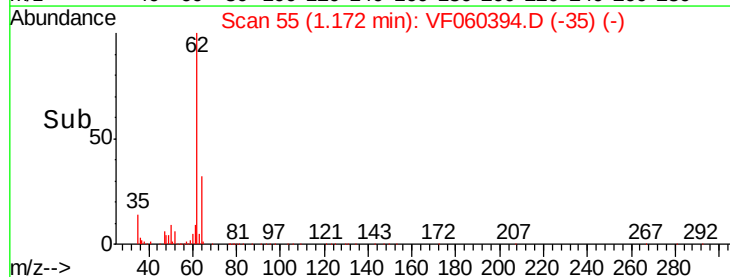
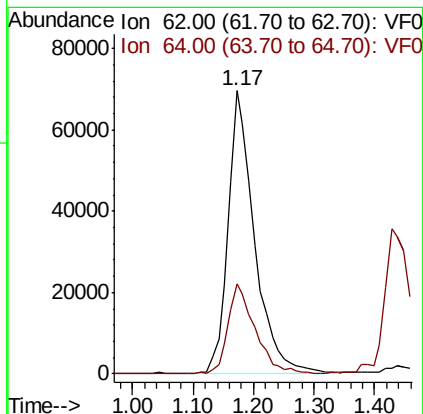
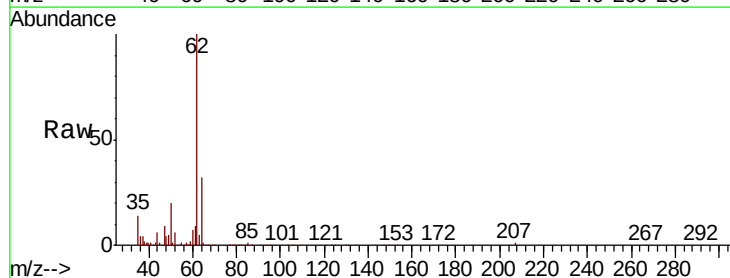
Acq: 1 Oct 2018 21:00

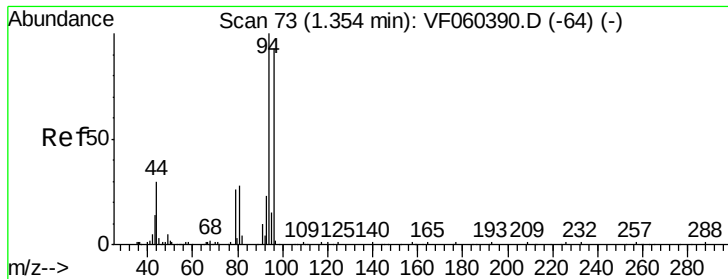
Tgt Ion: 62 Resp: 211673

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.6





#5

Bromomethane

Concen: 48.598 ug/l

RT: 1.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Tot Ion: 94 Resp: 157122

Ion Ratio Lower Upper

94 100

96 95.3 74.3 111.5

Instrument :

MSVOA_F

ClientSampleId :

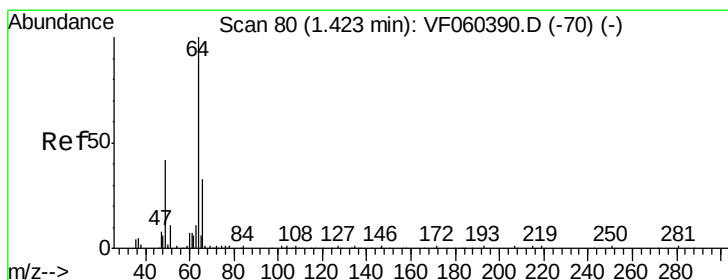
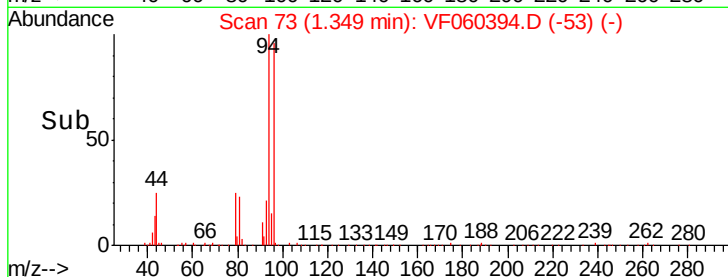
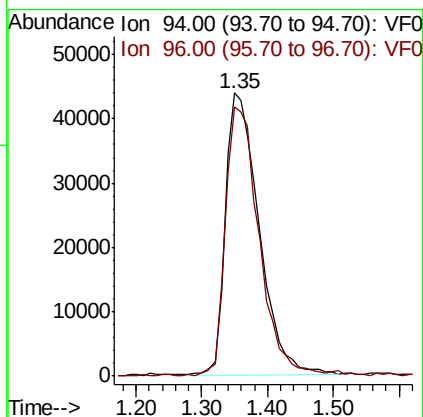
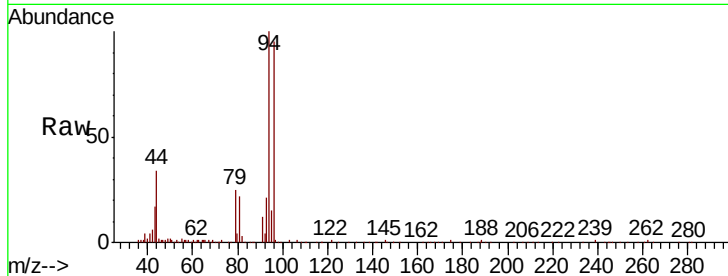
ICVVF100118

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#6

Chloroethane

Concen: 51.855 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.00 min

Lab File: VF060394.D

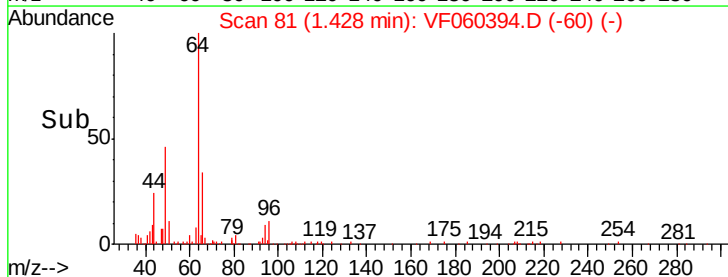
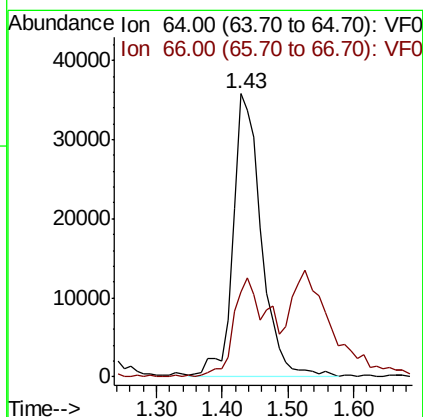
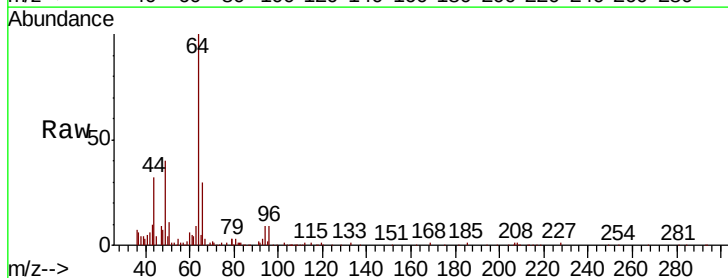
Acq: 1 Oct 2018 21:00

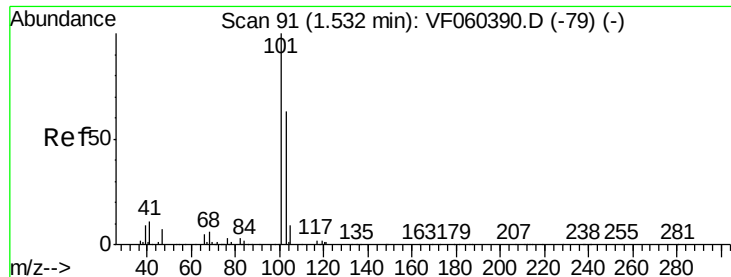
Tgt Ion: 64 Resp: 108013

Ion Ratio Lower Upper

64 100

66 29.9 26.3 39.5





#7

Trichlorofluoromethane

Concen: 45.823 ug/l

RT: 1.53 min Scan# 91

Delta R.T. -0.01 min

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Acq: 1 Oct 2018 21:00

Instrument :

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Tot Ion:101 Resp: 443761

Ion Ratio Lower Upper

101 100

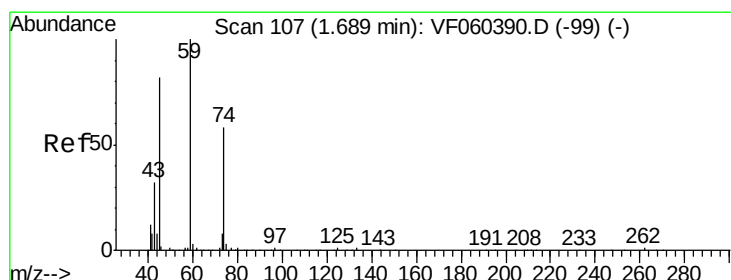
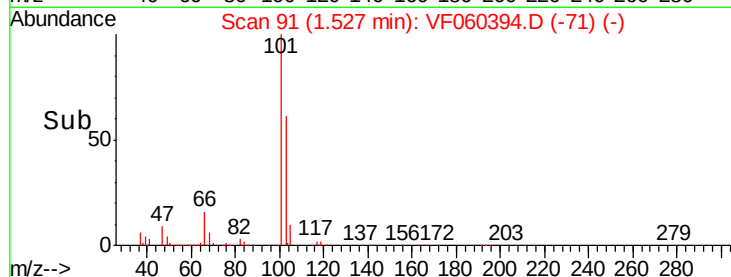
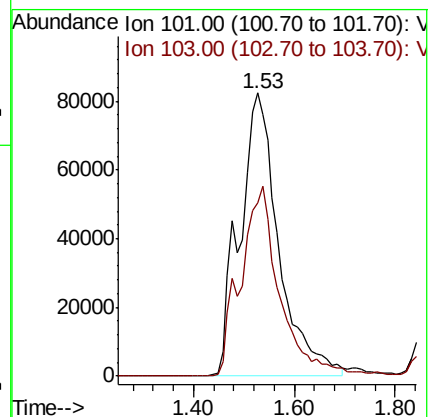
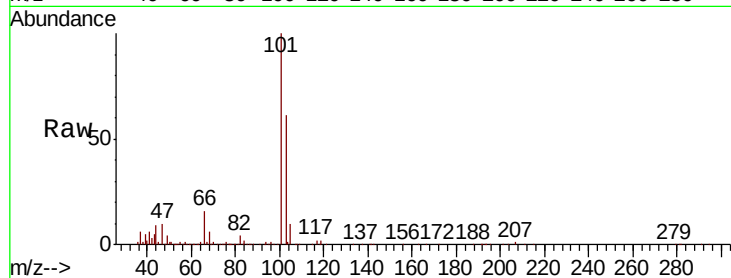
103 61.1 51.0 76.4

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#8

Diethyl Ether

Concen: 50.935 ug/l

RT: 1.69 min Scan# 108

Delta R.T. 0.00 min

Lab File: VF060394.D

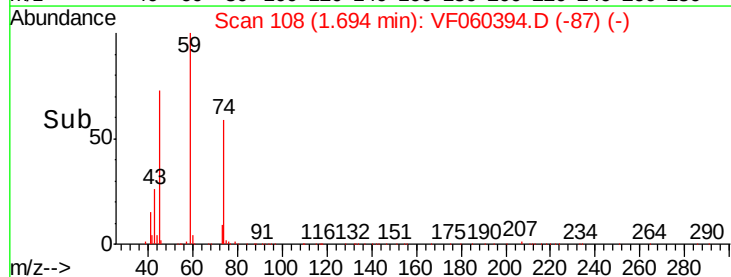
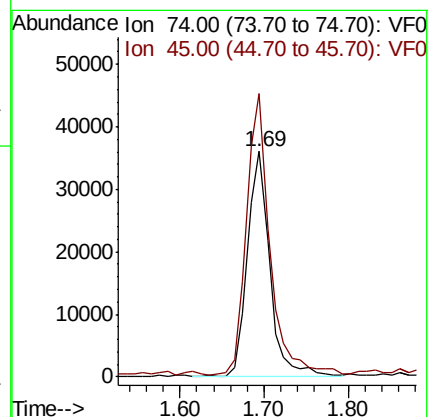
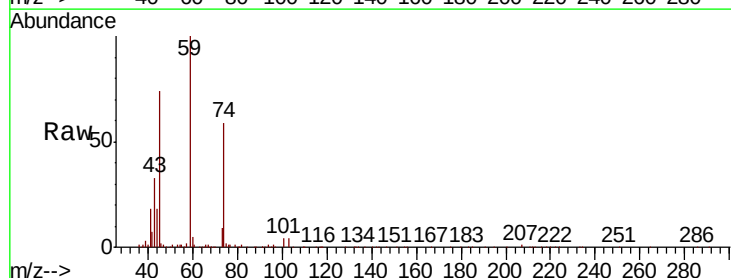
Acq: 1 Oct 2018 21:00

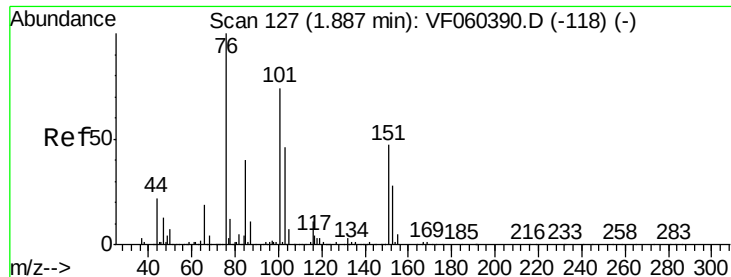
Tgt Ion: 74 Resp: 67600

Ion Ratio Lower Upper

74 100

45 125.6 71.3 213.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.344 ug/l

RT: 1.90 min Scan# 129

Delta R.T. 0.01 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

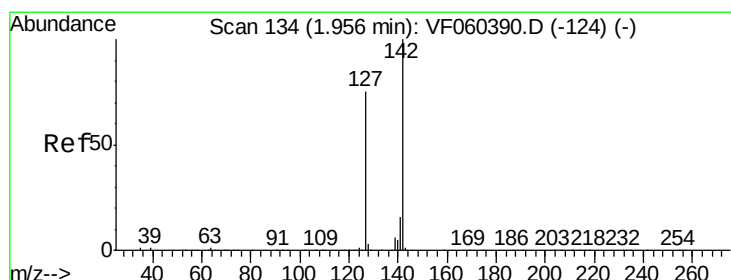
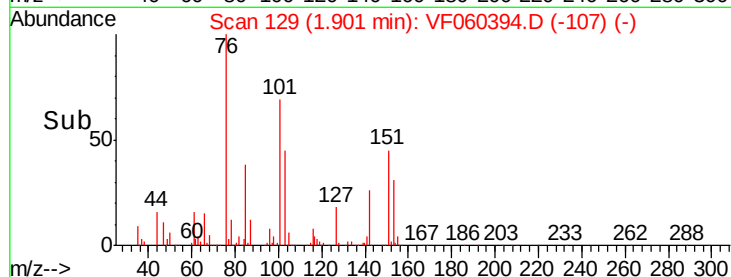
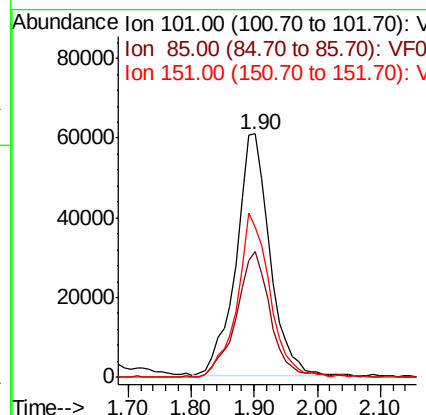
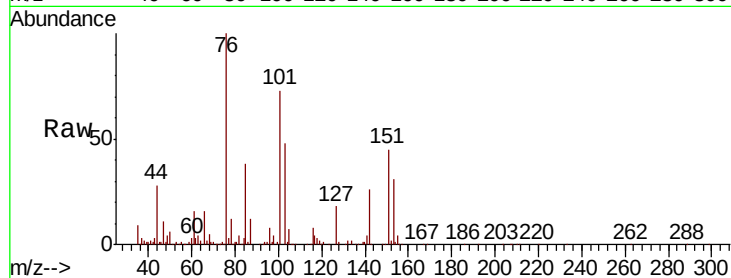
ClientSampleId :

ICVVF100118

Tot Ion:	101	Resp:	224257
Ion Ratio	Lower	Upper	
101	100		
85	51.8	42.5	63.7
151	61.9	49.8	74.8

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#10

Methyl Iodide

Concen: 51.356 ug/l m

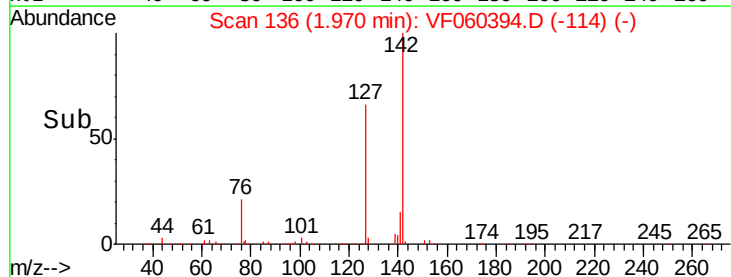
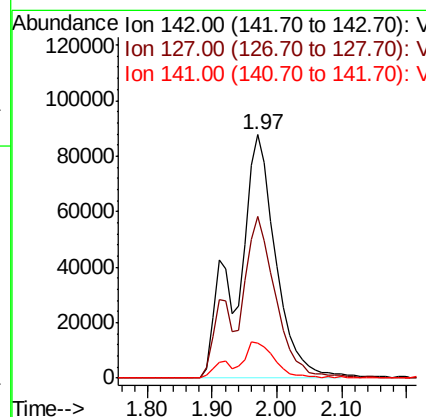
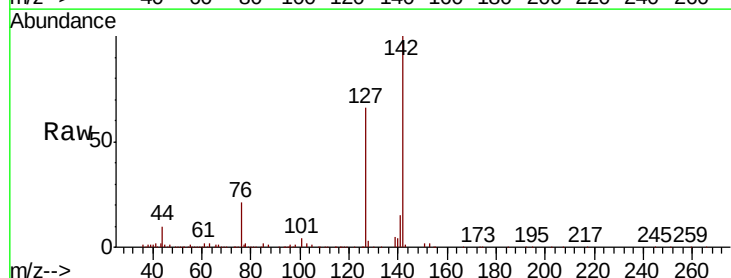
RT: 1.97 min Scan# 136

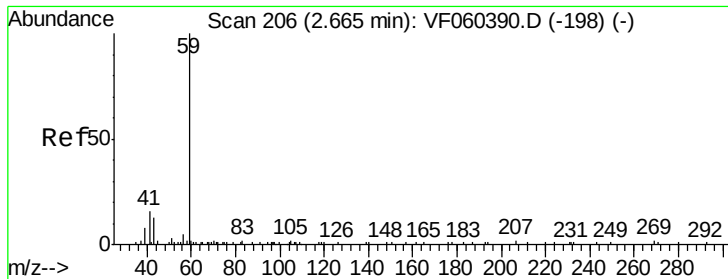
Delta R.T. 0.01 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Tgt Ion:	142	Resp:	363298
Ion Ratio	Lower	Upper	
142	100		
127	66.5	60.2	90.2
141	14.5	13.1	19.7





#11

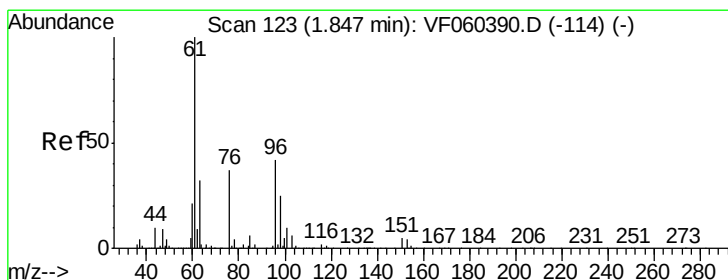
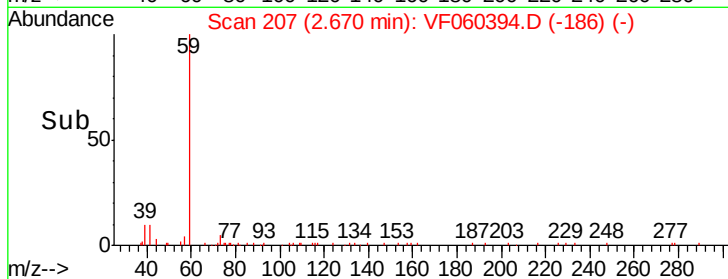
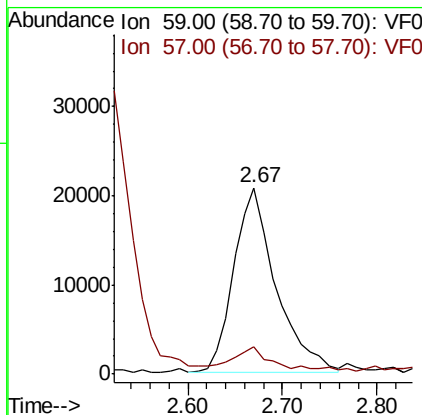
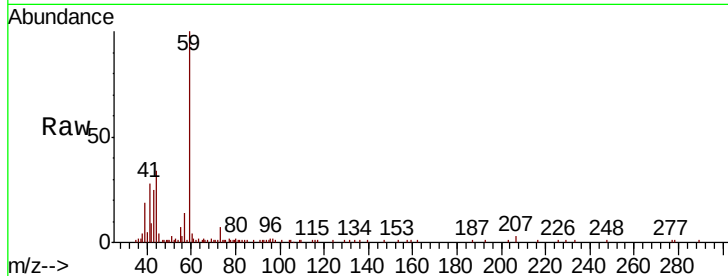
Tert butyl alcohol
Concen: 226.647 ug/l
RT: 2.67 min Scan# 207
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion	Ratio	Lower	Upper
59	100		
57	14.4	6.5	9.7#

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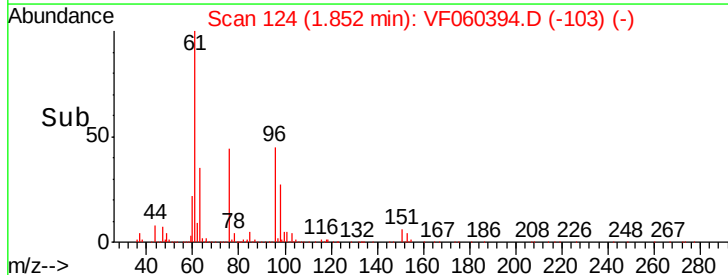
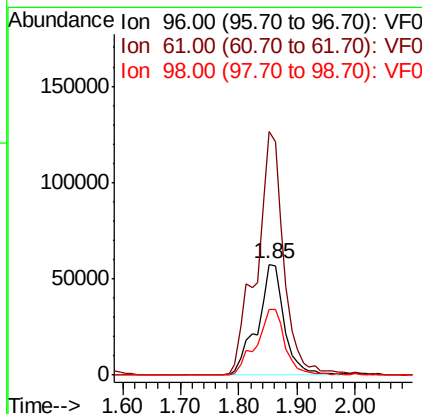
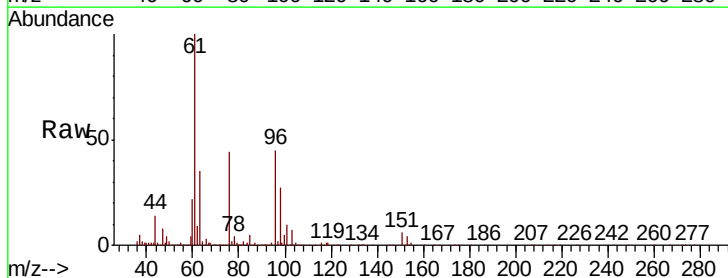
apatel
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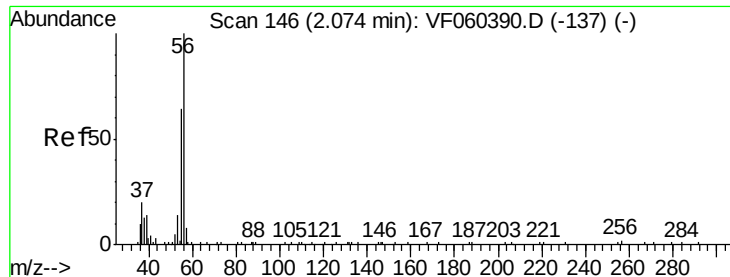


#12

1,1-Dichloroethene
Concen: 51.575 ug/l
RT: 1.85 min Scan# 124
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	219.9	189.4	284.0
98	59.7	47.8	71.6





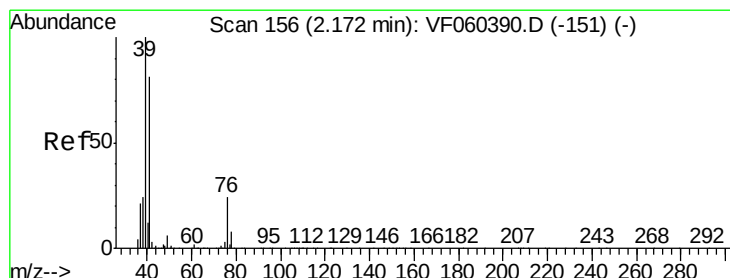
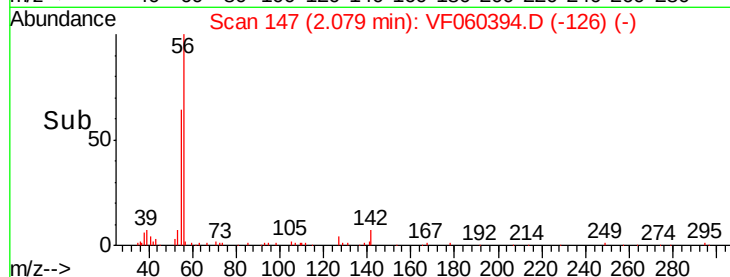
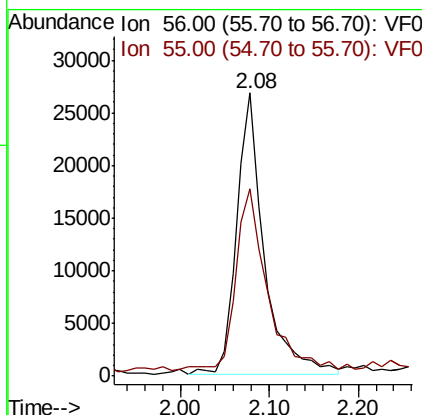
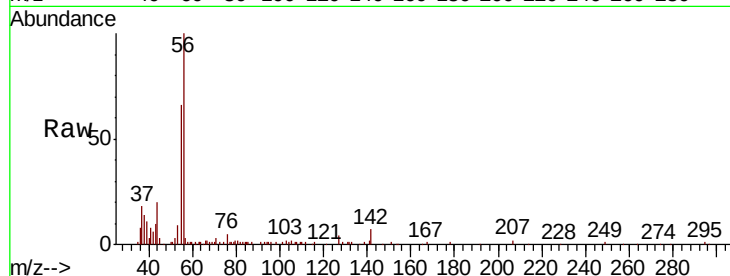
#13
Acrolein
Concen: 254.510 ug/l
RT: 2.08 min Scan# 147
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion	Ratio	Lower	Upper
56	100		
55	66.2	53.9	80.9

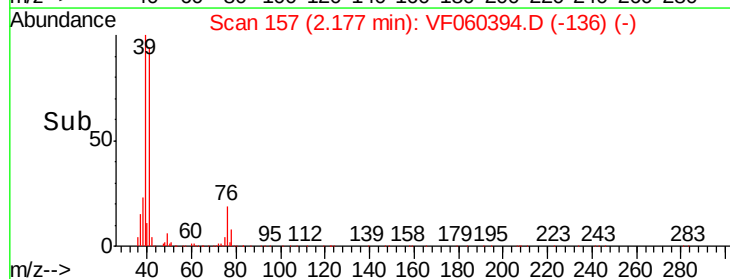
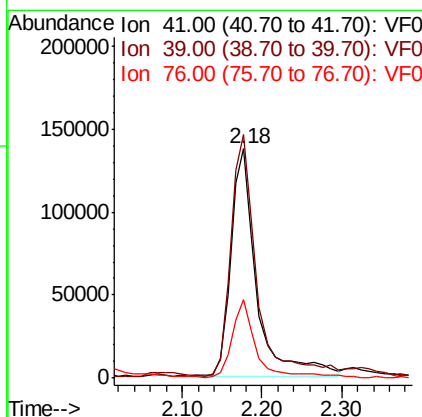
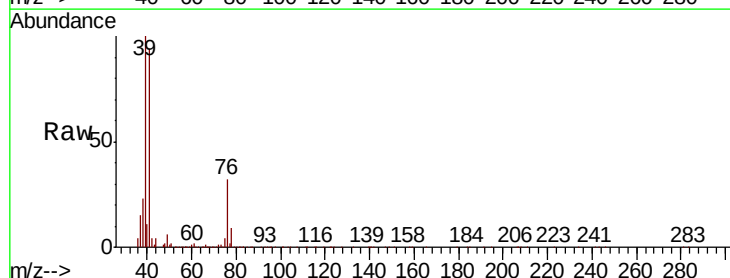
Manual Integrations
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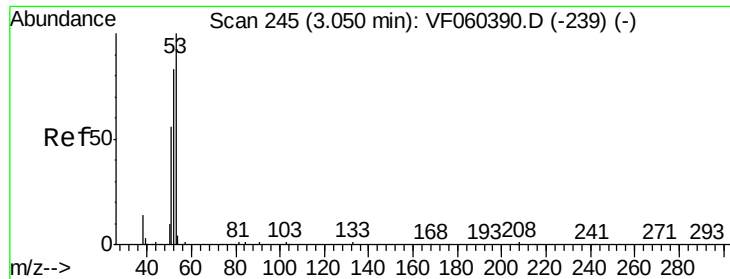
apatel
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#14
Allyl chloride
Concen: 53.536 ug/l
RT: 2.18 min Scan# 157
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
41	100		
39	106.3	98.3	147.5
76	34.0	23.9	35.9





#15

Acrylonitrile

Concen: 313.975 ug/l

RT: 3.05 min Scan# 246

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

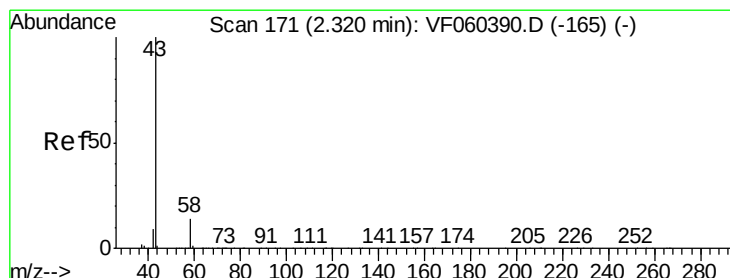
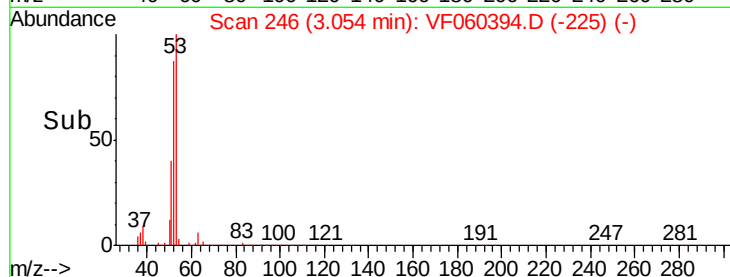
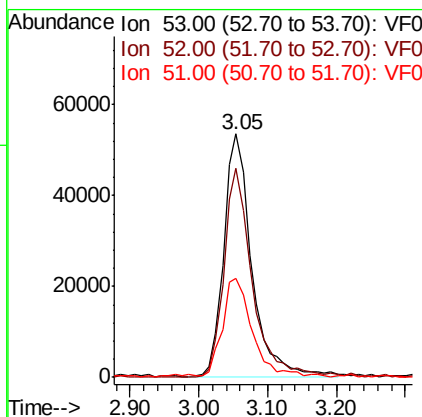
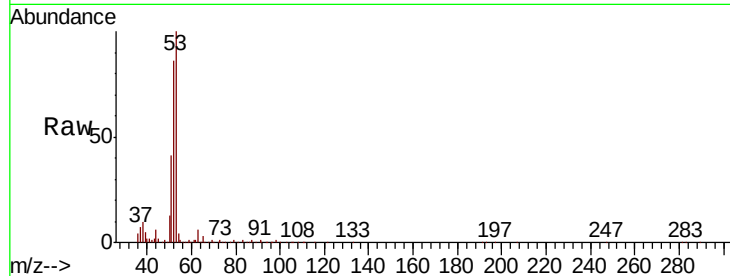
ClientSampleId :

ICVVF100118

Tot Ion:	53	Resp:	150465
Ion Ratio		Lower	Upper
53	100		
52	85.8	66.0	99.0
51	40.5	45.6	68.4#

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#16

Acetone

Concen: 213.067 ug/l

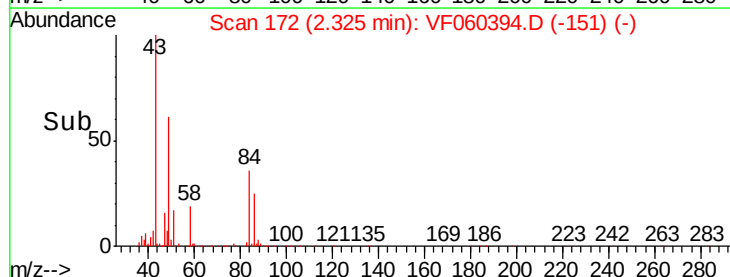
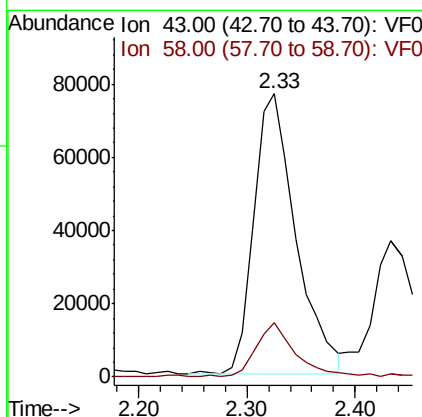
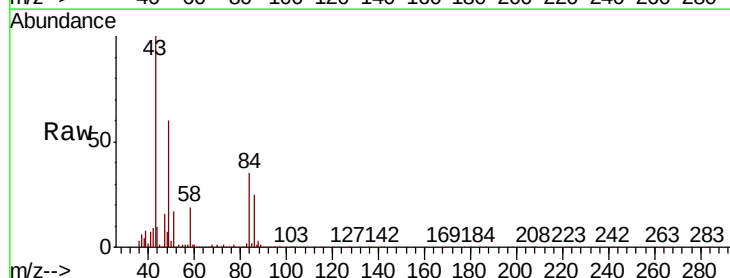
RT: 2.33 min Scan# 172

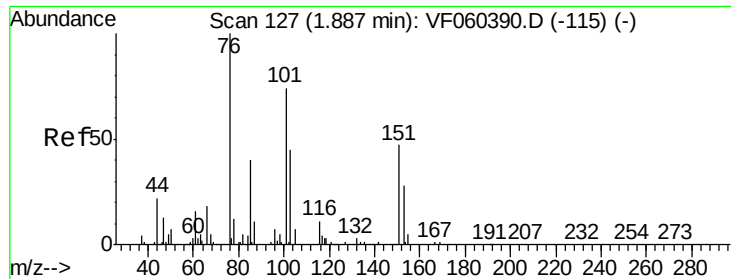
Delta R.T. 0.01 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Tgt Ion:	43	Resp:	206258
Ion Ratio		Lower	Upper
43	100		
58	19.0	11.2	16.8#





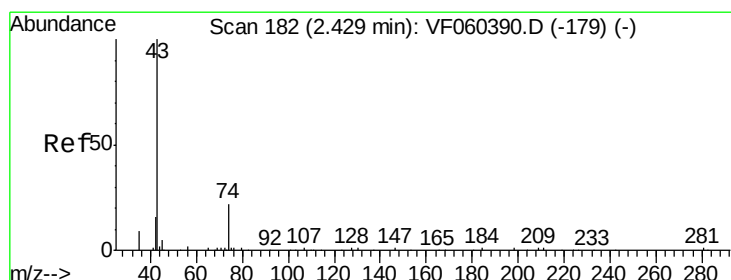
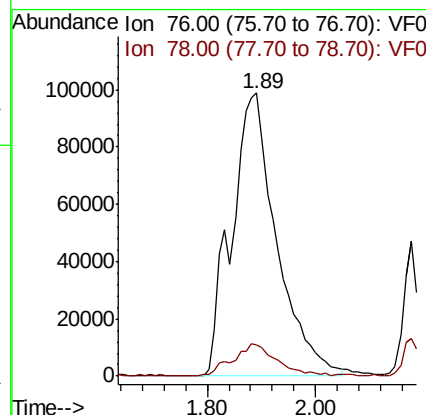
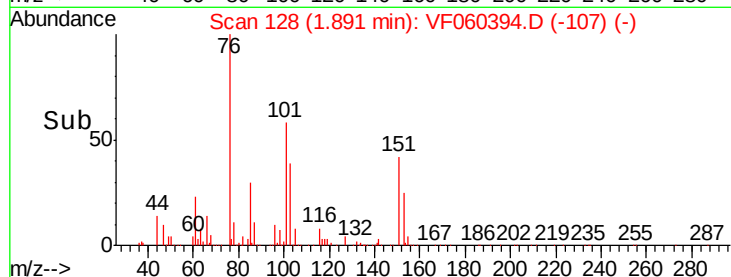
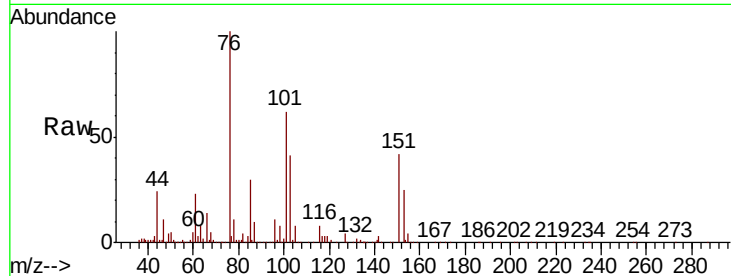
#17
Carbon Disulfide
Concen: 52.997 ug/l
RT: 1.89 min Scan# 128
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion: 76 Resp: 575202
Ion Ratio Lower Upper
76 100
78 10.8 10.1 15.1

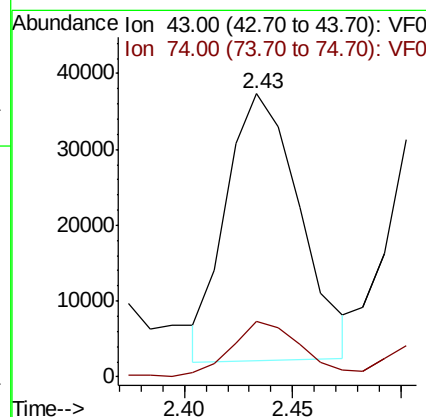
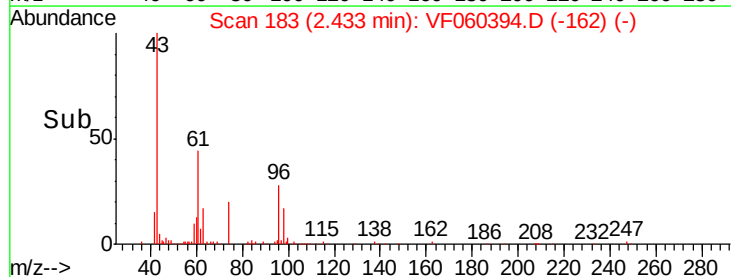
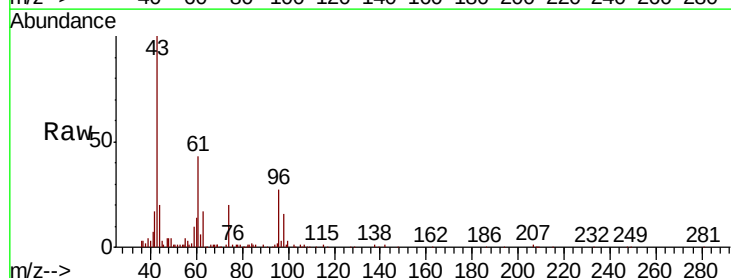
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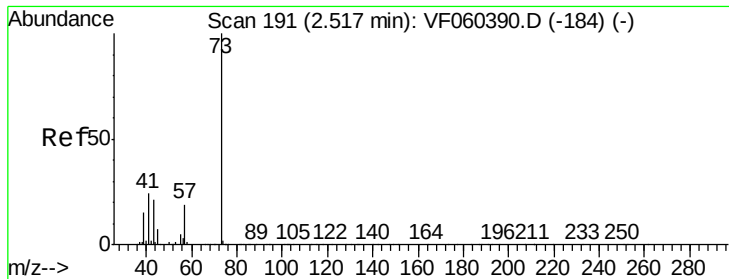
apatel
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#18
Methyl Acetate
Concen: 48.028 ug/l
RT: 2.43 min Scan# 183
Delta R.T. 0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion: 43 Resp: 83582
Ion Ratio Lower Upper
43 100
74 19.5 15.8 23.8





#19

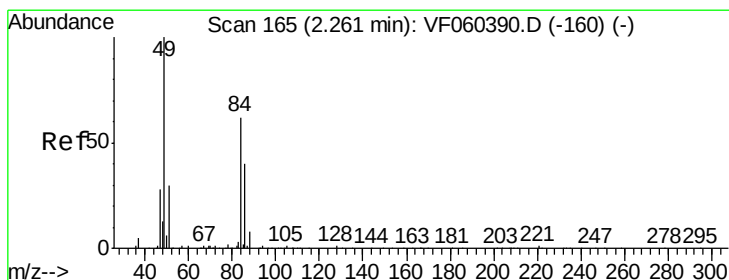
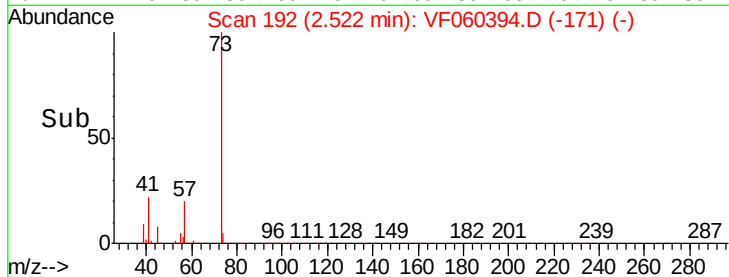
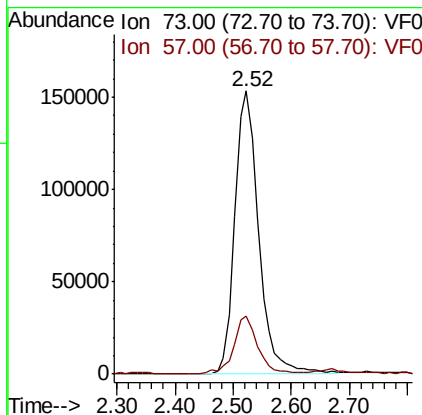
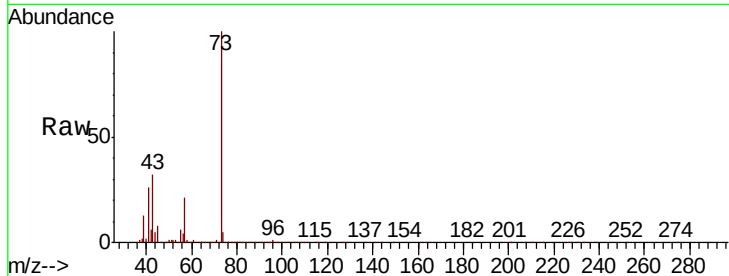
Methyl tert-butyl Ether
 Concen: 50.380 ug/l
 RT: 2.52 min Scan# 192
 Delta R.T. 0.00 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF100118

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	15.9	23.9

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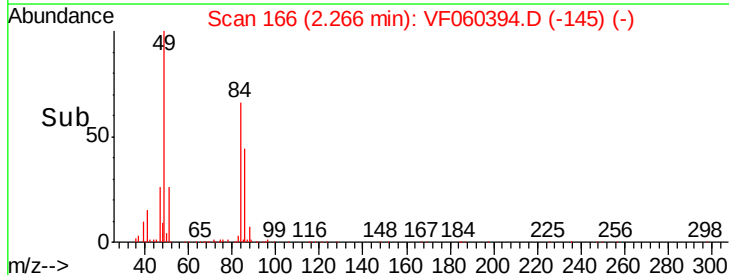
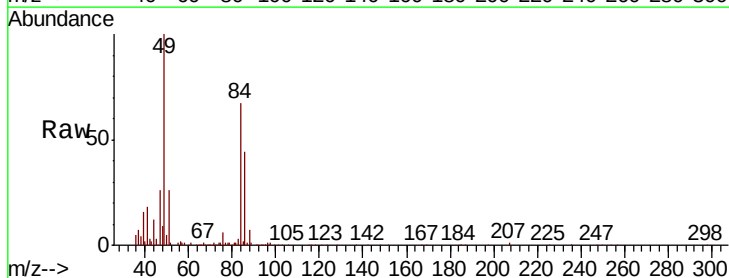
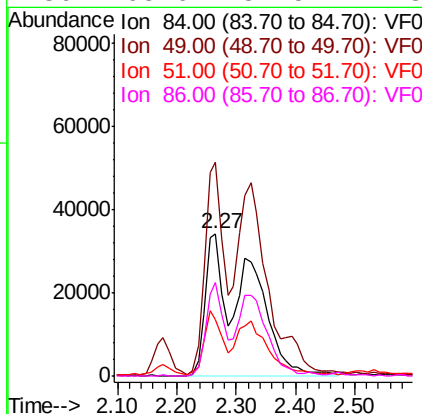
apatel
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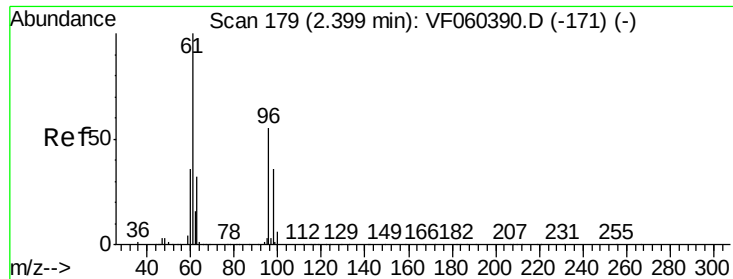


#20

Methylene Chloride
 Concen: 51.664 ug/l m
 RT: 2.27 min Scan# 166
 Delta R.T. 0.00 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	150.3	130.2	195.2
51	39.5	41.0	61.6#
86	65.6	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 52.569 ug/l

RT: 2.39 min Scan# 179

Delta R.T. -0.01 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

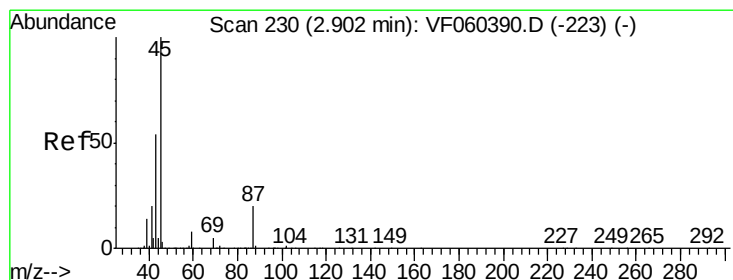
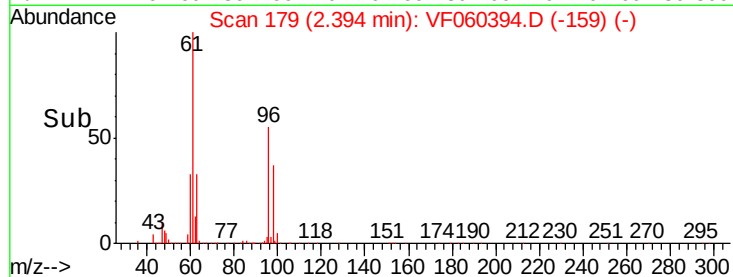
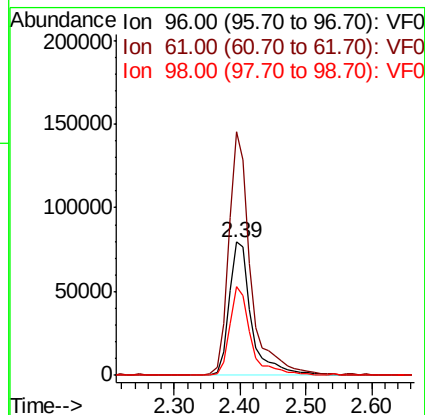
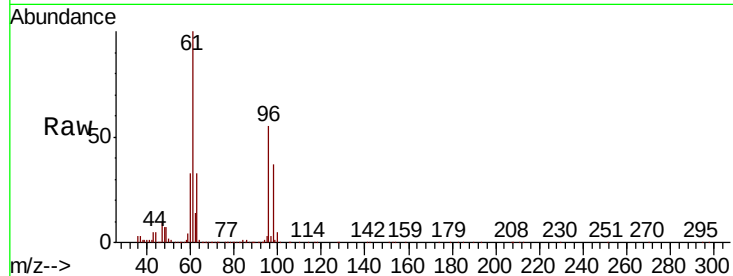
ClientSampleId :

ICVVF100118

Tot Ion:	96	Resp:	188181
Ion Ratio	Lower	Upper	
96	100		
61	182.5	146.2	219.2
98	66.6	52.6	78.8

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#22

Diisopropyl ether

Concen: 51.435 ug/l

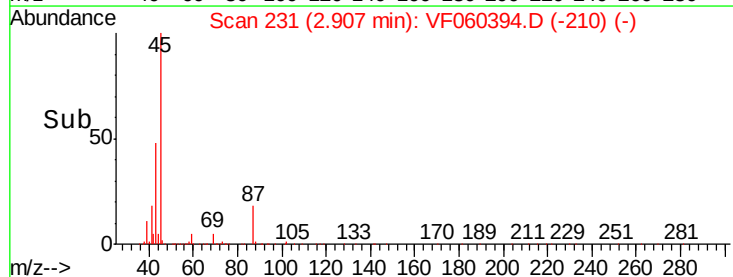
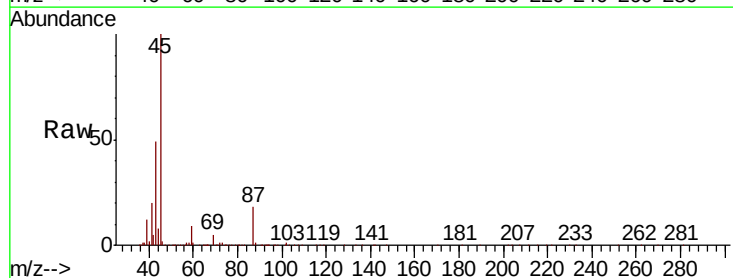
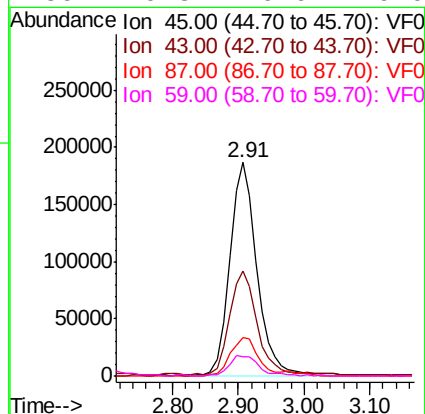
RT: 2.91 min Scan# 231

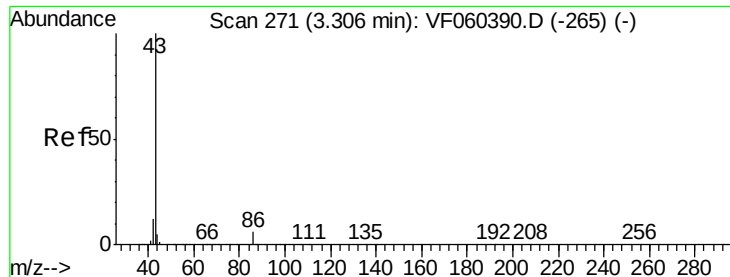
Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Tgt Ion:	45	Resp:	536186
Ion Ratio	Lower	Upper	
45	100		
43	48.9	43.8	65.8
87	18.1	16.3	24.5
59	9.3	6.6	10.0





#23

Vinyl Acetate

Concen: 264.766 ug/l

RT: 3.31 min Scan# 272

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

ClientSampleId :

ICVVF100118

Tot Ion: 43 Resp: 1096395

Ion Ratio Lower Upper

43 100

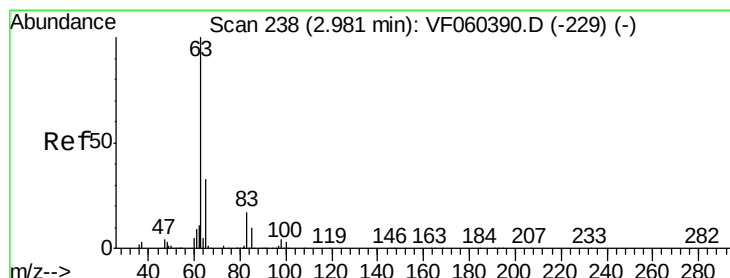
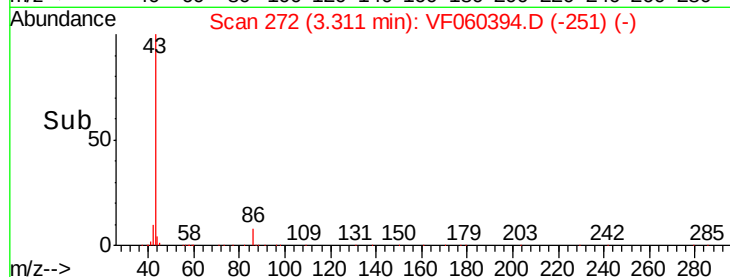
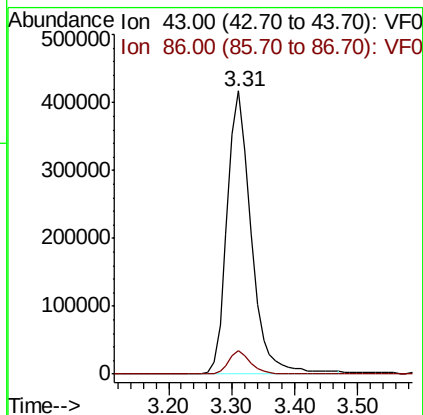
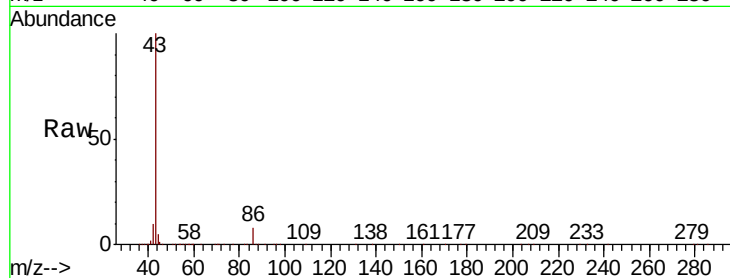
86 8.2 5.1 7.7#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.086 ug/l

RT: 2.99 min Scan# 239

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

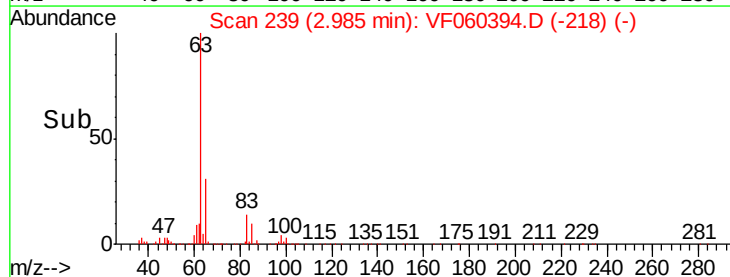
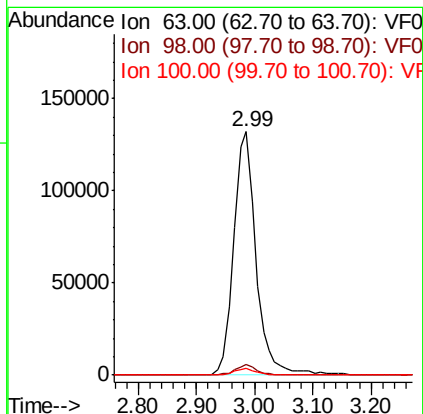
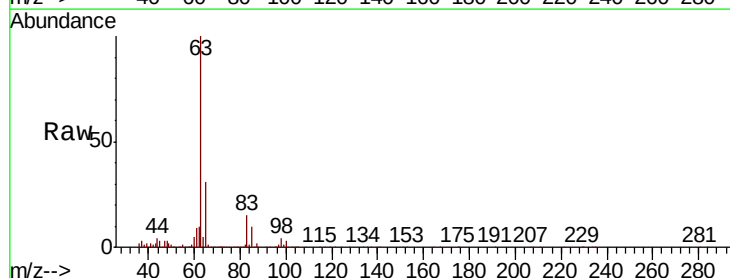
Tgt Ion: 63 Resp: 353083

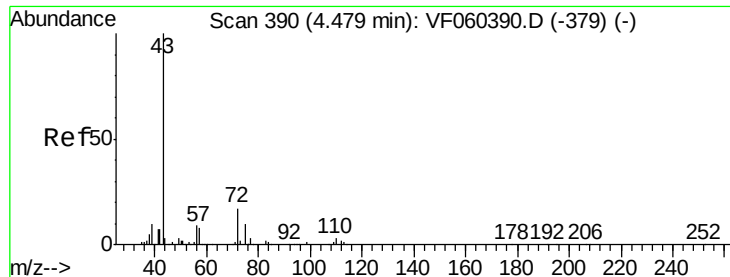
Ion Ratio Lower Upper

63 100

98 4.5 2.0 5.8

100 2.9 1.4 4.2





#25

2-Butanone

Concen: 244.366 ug/l

RT: 4.48 min Scan# 391

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

ClientSampleId :

ICVVF100118

Tot Ion: 43 Resp: 292564

Ion Ratio Lower Upper

43 100

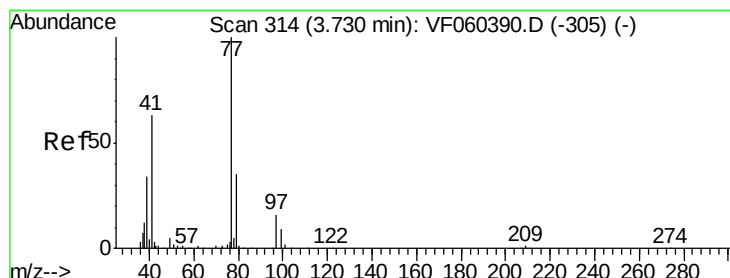
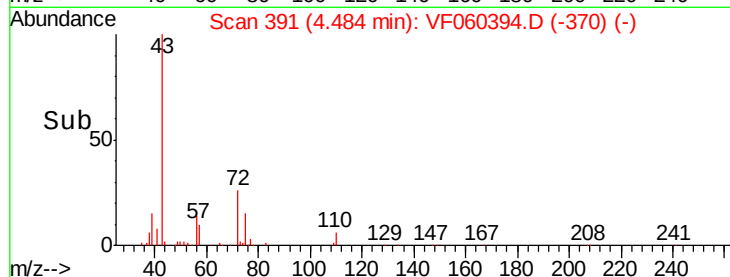
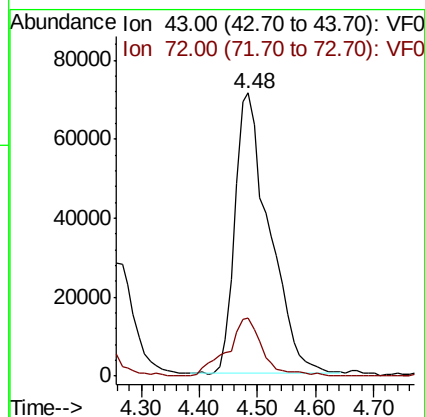
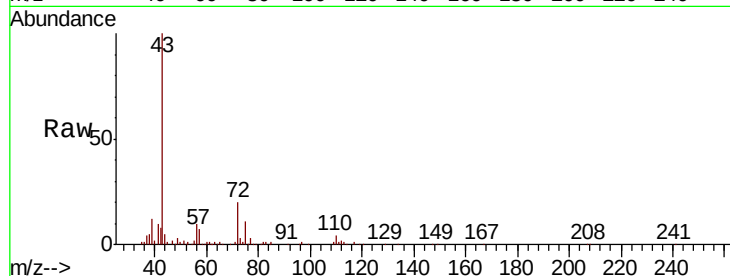
72 20.4 14.1 21.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.523 ug/l

RT: 3.73 min Scan# 315

Delta R.T. 0.00 min

Lab File: VF060394.D

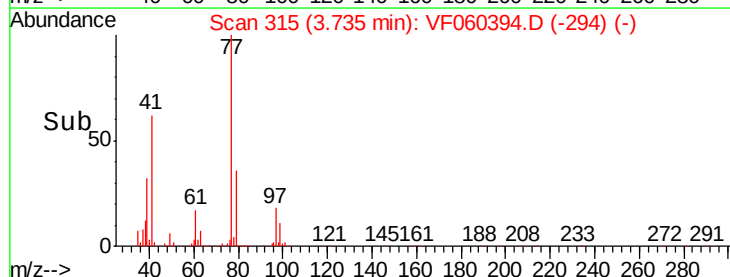
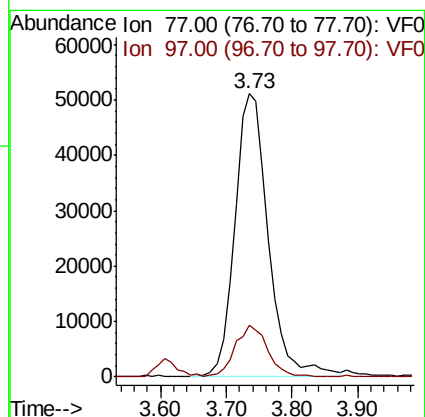
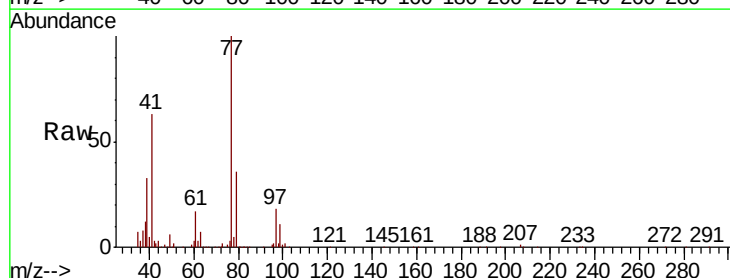
Acq: 1 Oct 2018 21:00

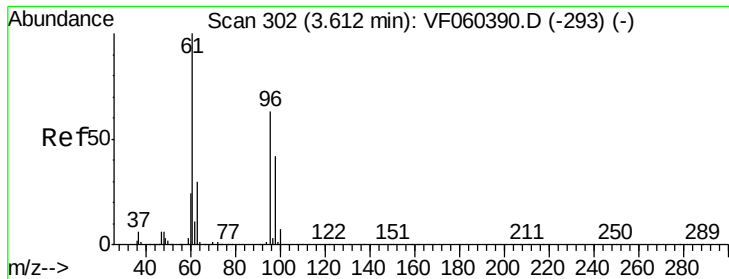
Tgt Ion: 77 Resp: 181759

Ion Ratio Lower Upper

77 100

97 18.1 8.3 25.1





#27

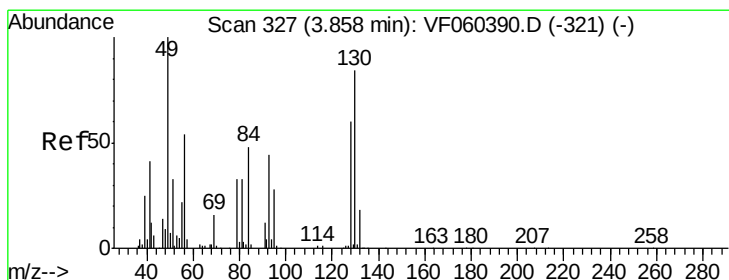
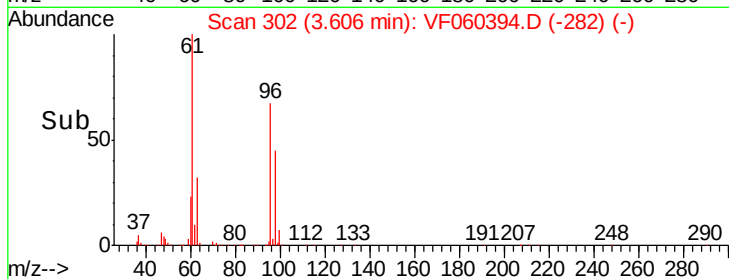
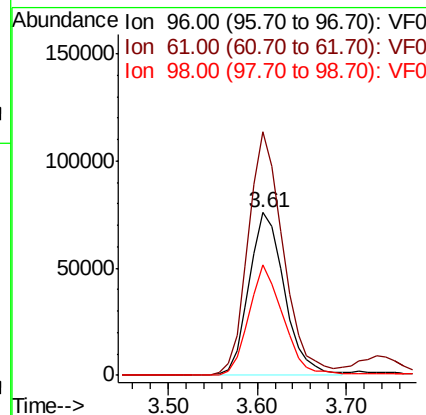
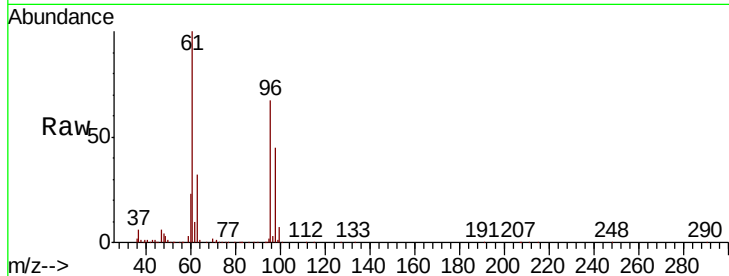
cis-1,2-Dichloroethene
Concen: 52.250 ug/l
RT: 3.61 min Scan# 302
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion	Ratio	Resp	Lower	Upper
96	100	209126		
61	149.9		0.0	318.2
98	68.1		0.0	134.0

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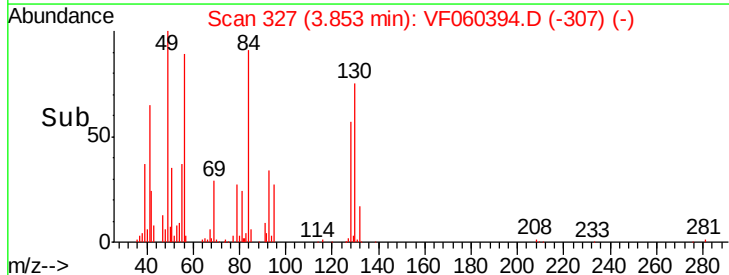
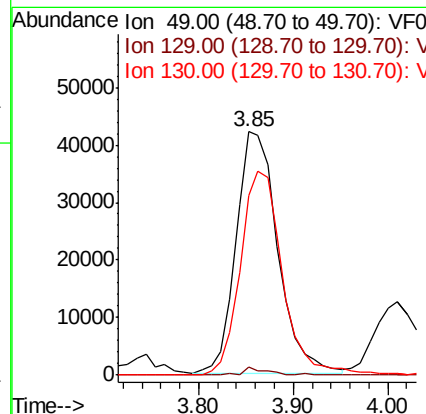
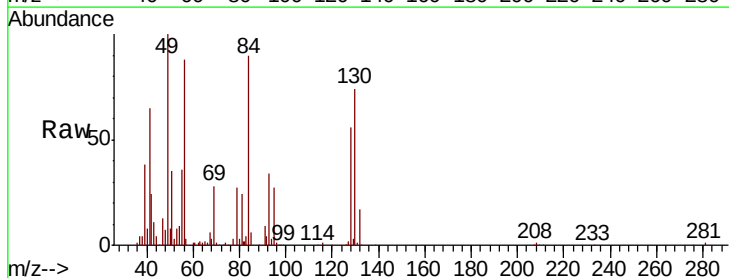
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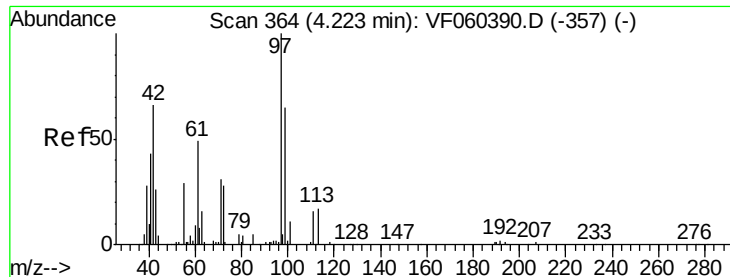


#28

Bromochloromethane
Concen: 49.159 ug/l
RT: 3.85 min Scan# 327
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	127722		
129	3.2		0.0	4.6
130	73.9		67.3	100.9





#29

Tetrahydrofuran

Concen: 284.707 ug/l

RT: 4.22 min Scan# 364

Delta R.T. -0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

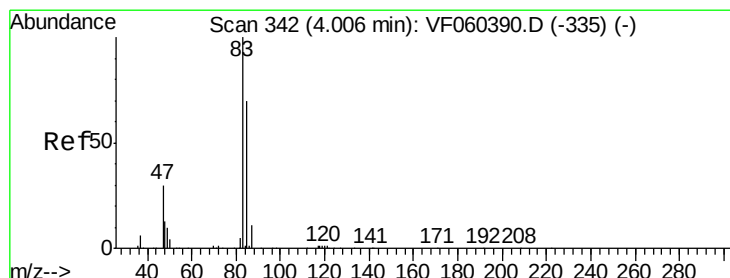
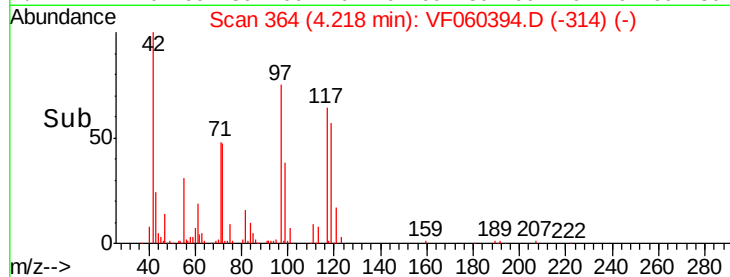
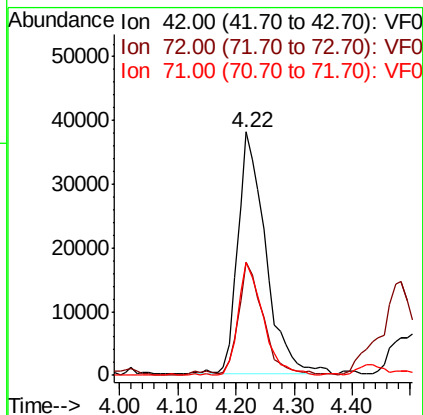
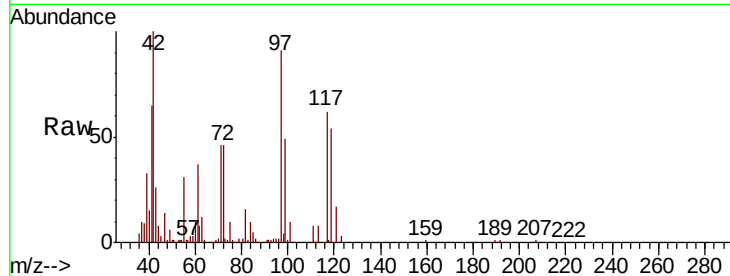
ClientSampleId :

ICVVF100118

Tot Ion:	42	Resp:	128116
Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.6	50.4
71	41.4	32.7	49.1

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#30

Chloroform

Concen: 47.123 ug/l

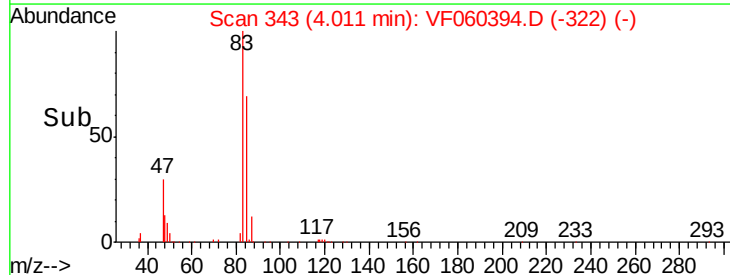
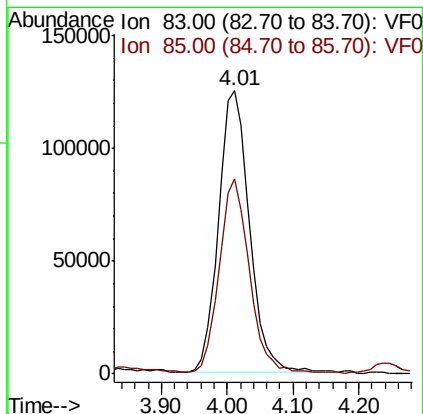
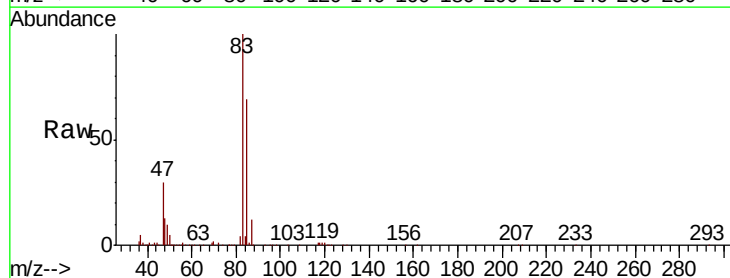
RT: 4.01 min Scan# 343

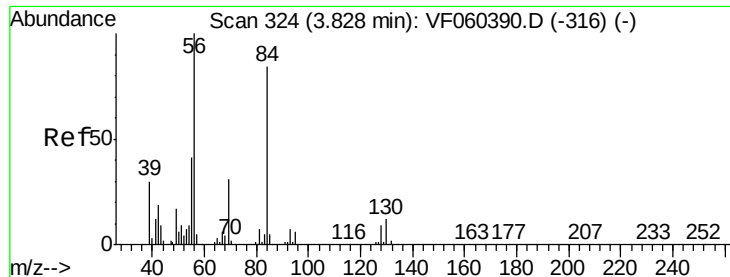
Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Tgt Ion:	83	Resp:	409908
Ion	Ratio	Lower	Upper
83	100		
85	69.0	55.9	83.9





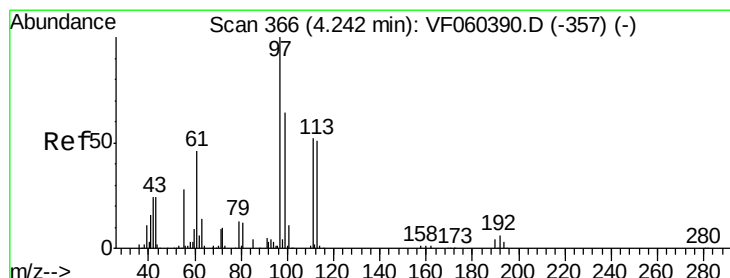
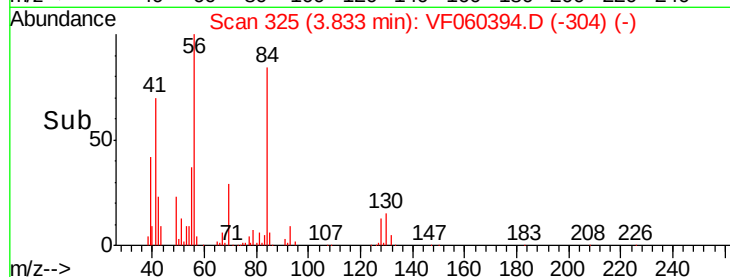
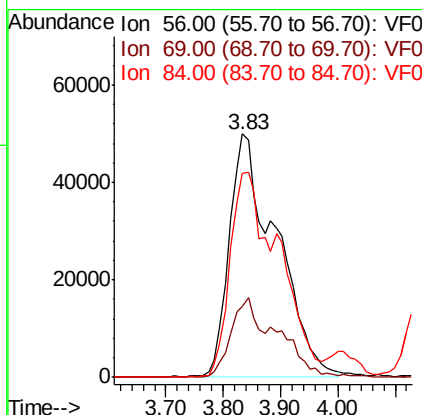
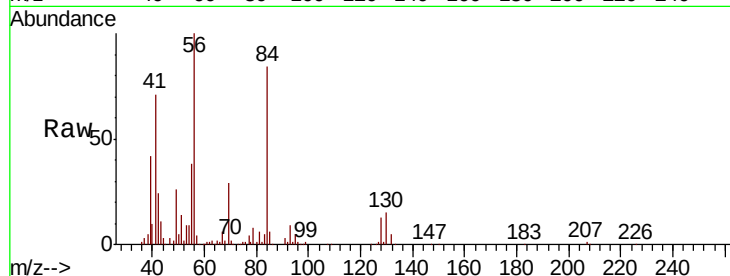
#31
Cyclohexane
Concen: 56.068 ug/l m
RT: 3.83 min Scan# 325
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	25.5	38.3
84	83.9	67.4	101.0

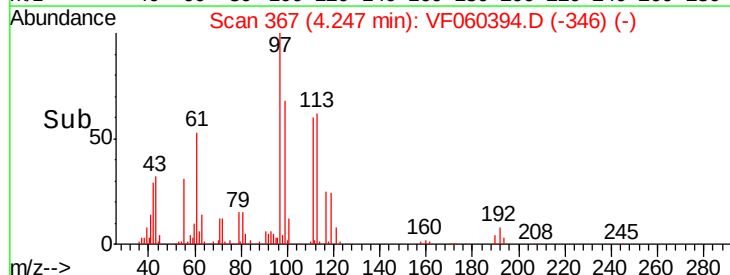
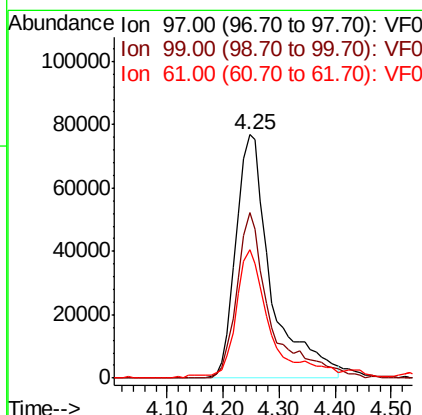
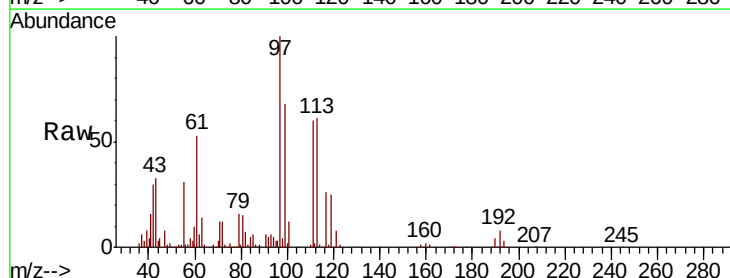
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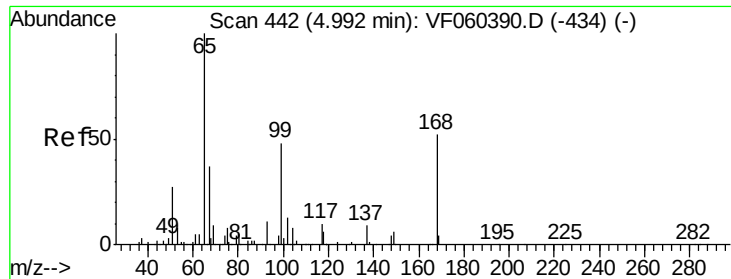
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#32
1,1,1-Trichloroethane
Concen: 46.426 ug/l
RT: 4.25 min Scan# 367
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.0	51.0	76.4
61	52.9	37.5	56.3





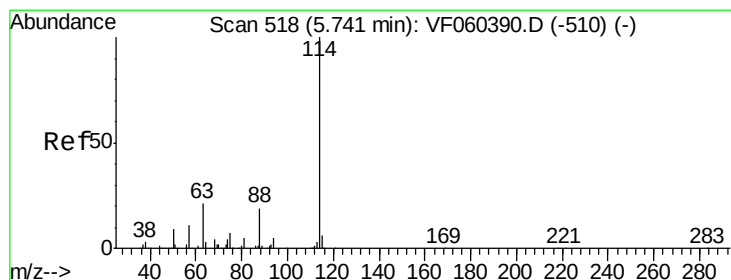
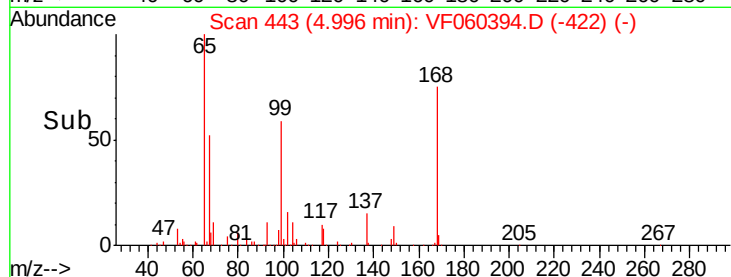
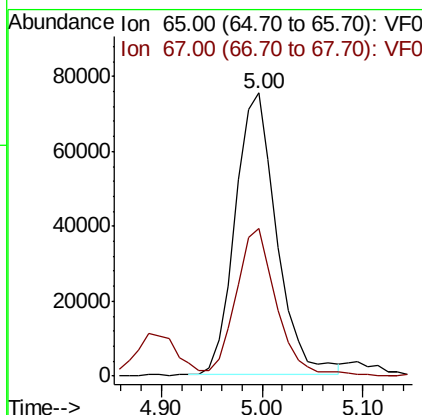
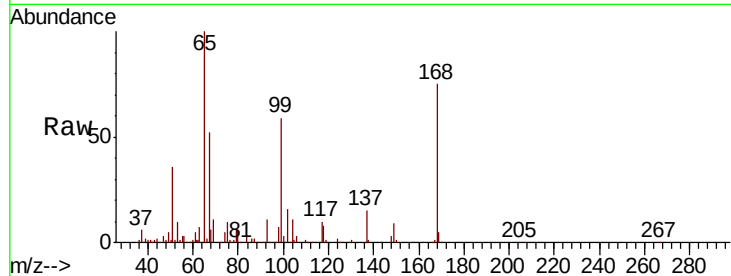
#33
 1,2-Dichloroethane-d4
 Concen: 46.510 ug/l
 RT: 5.00 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF100118

Tot Ion	Ratio	Resp	Lower	Upper
65	100	215052		
67	52.2	0.0	89.4	

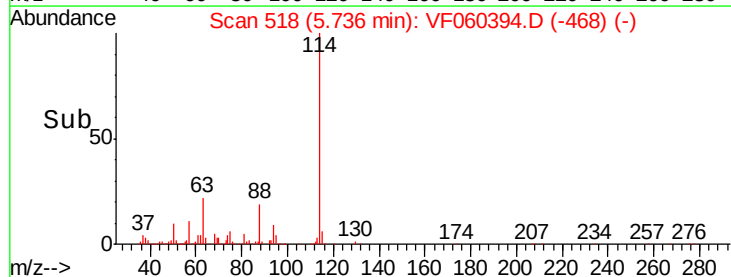
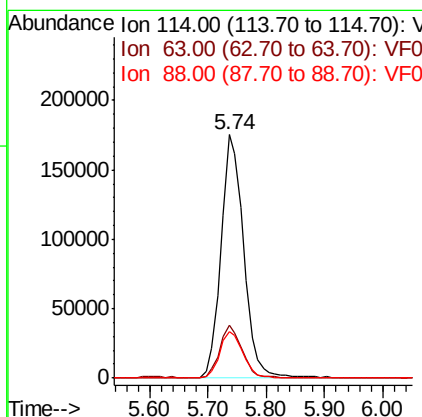
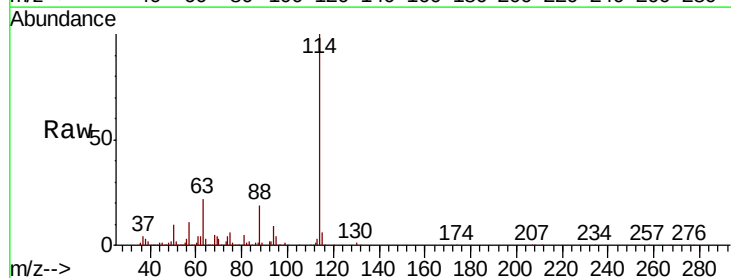
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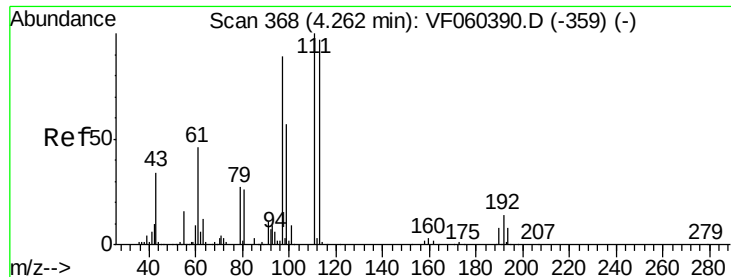
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.74 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	475520		
63	21.9	0.0	42.2	
88	19.2	0.0	38.8	





#35

Dibromofluoromethane

Concen: 50.465 ug/l

RT: 4.27 min Scan# 369

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

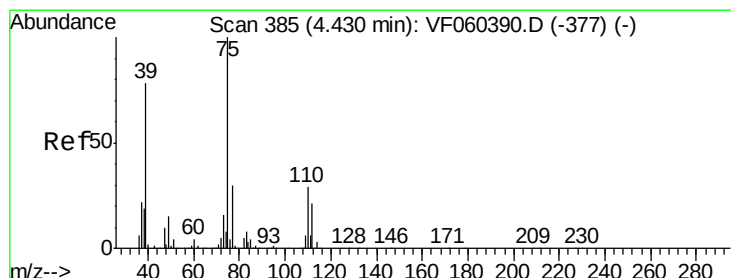
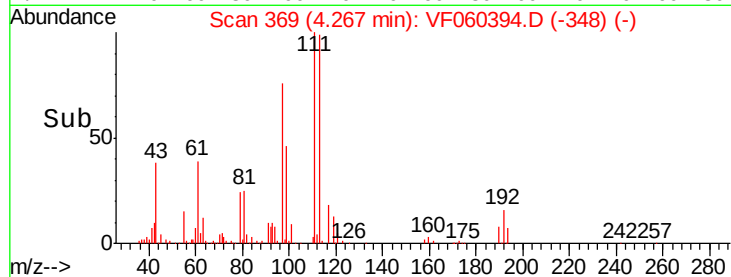
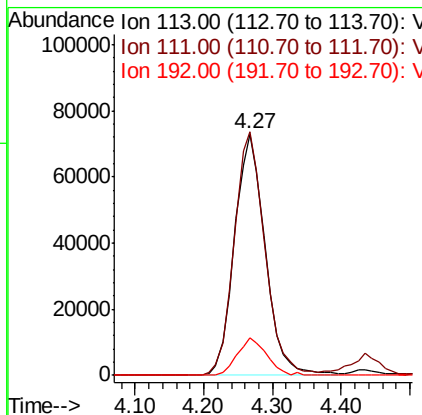
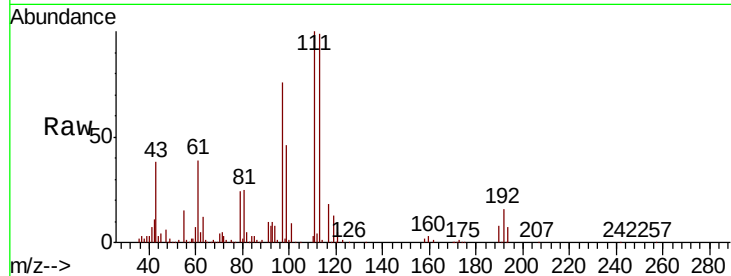
ClientSampleId :

ICVVF100118

Tot Ion:	113	Resp:	225439
Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.3	123.5
192	15.7	11.8	17.6

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#36

1,1-Dichloropropene

Concen: 52.614 ug/l

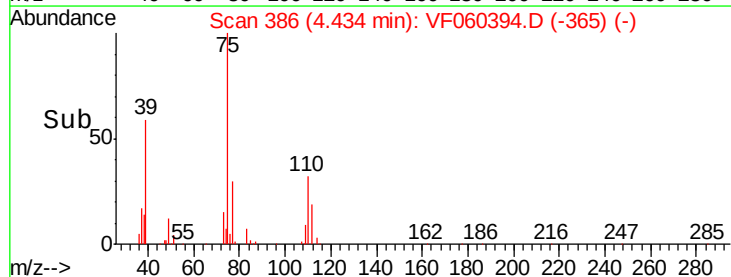
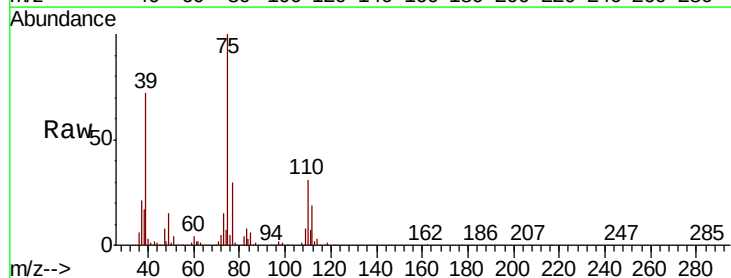
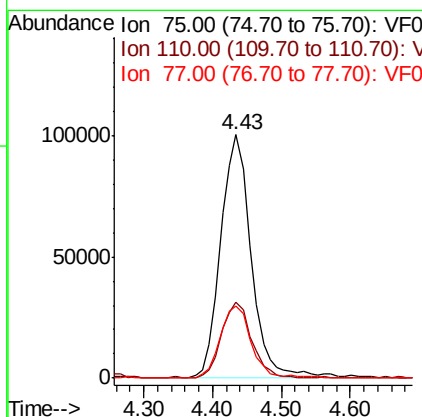
RT: 4.43 min Scan# 386

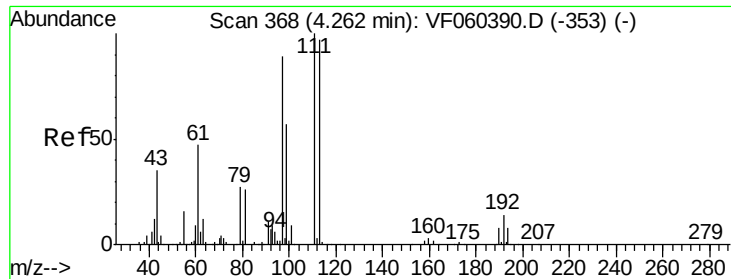
Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Tgt Ion:	75	Resp:	308461
Ion	Ratio	Lower	Upper
75	100		
110	31.1	14.5	43.6
77	29.5	24.3	36.5





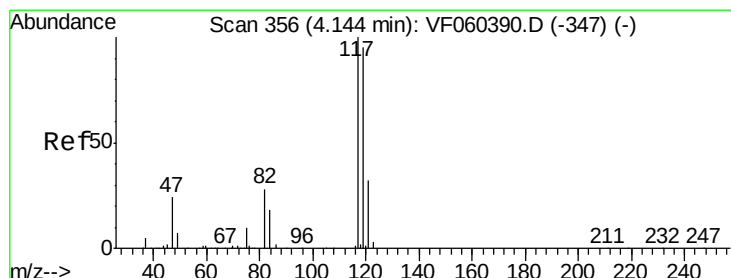
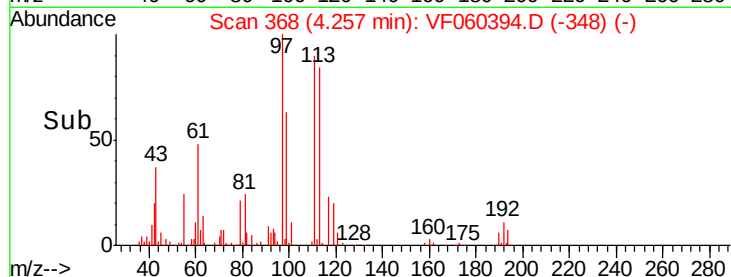
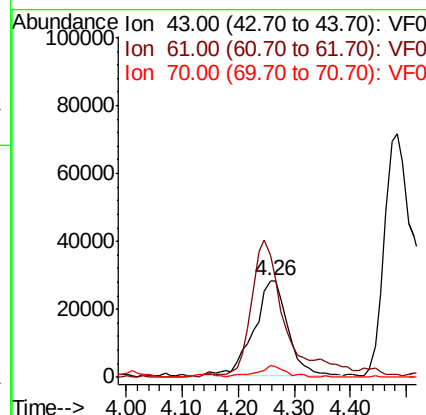
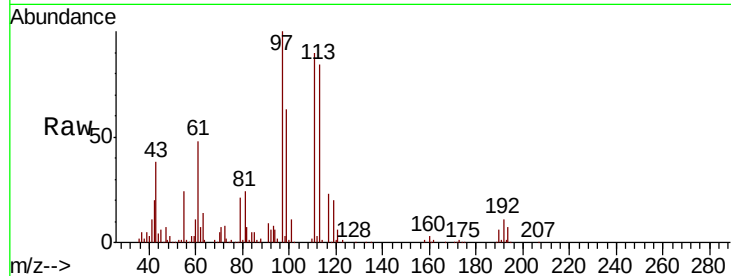
#37
Ethyl Acetate
Concen: 52.200 ug/l
RT: 4.26 min Scan# 368
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion	43	61	70	Ratio	Lower	Upper
117195	100	126.2	12.4			
		105.1	8.0			
		157.7	12.0			

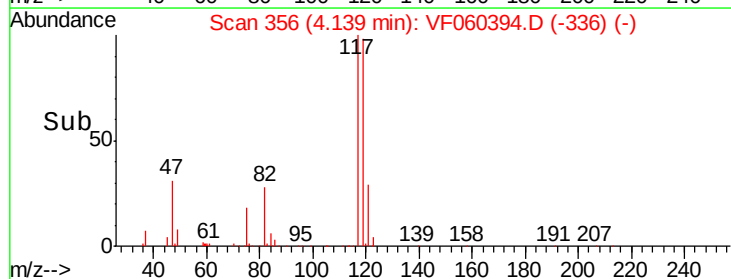
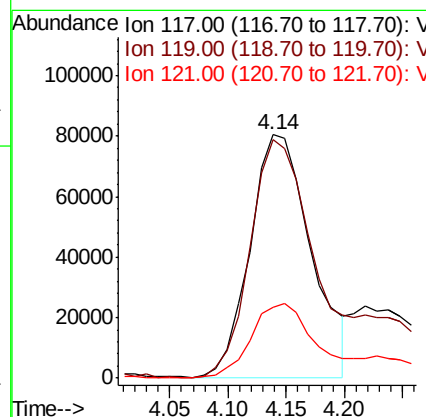
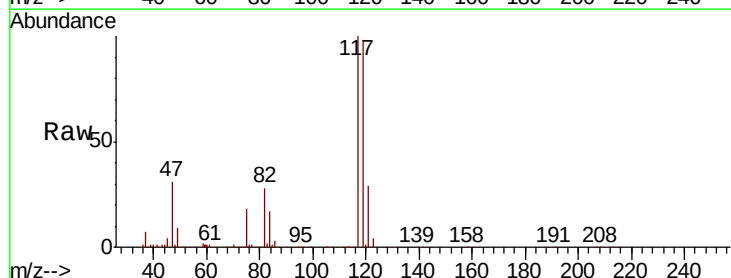
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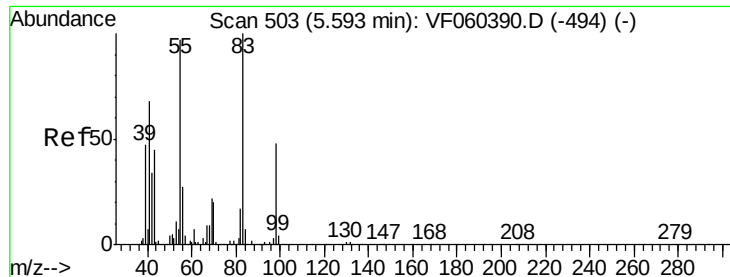
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#38
Carbon Tetrachloride
Concen: 40.805 ug/l
RT: 4.14 min Scan# 356
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion	117	119	121	Ratio	Lower	Upper
291203	100	97.8	29.0			
		75.5	25.4			
		113.3	38.0			





#39

Methylcyclohexane

Concen: 54.734 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

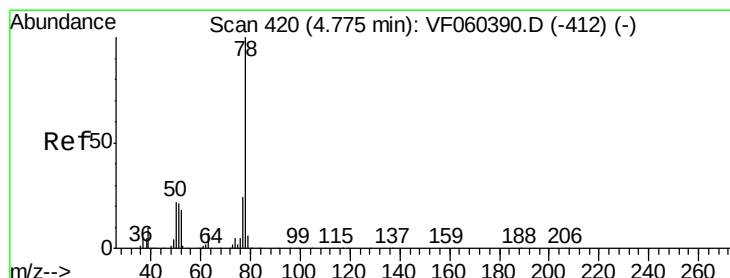
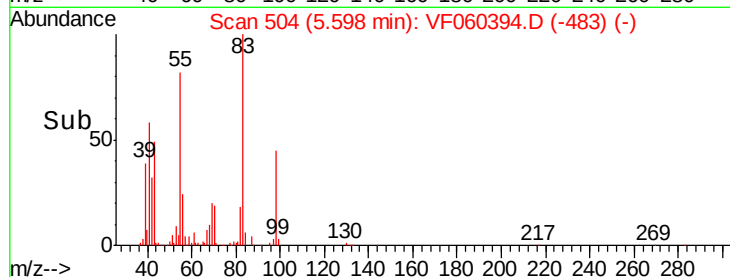
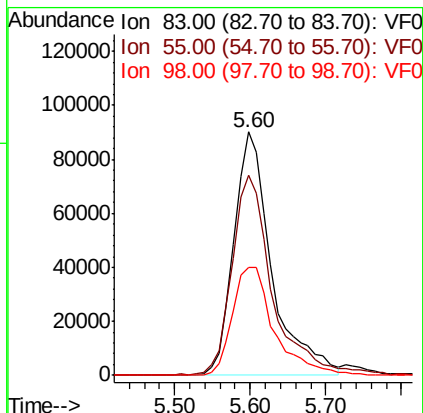
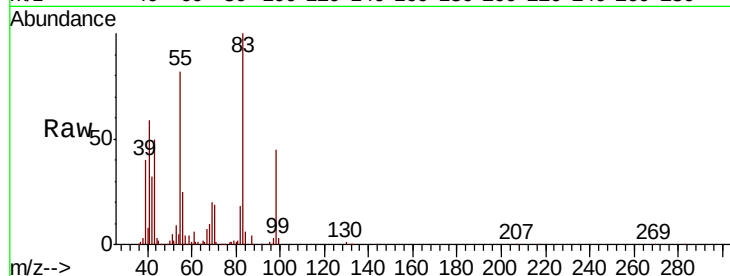
ClientSampleId :

ICVVF100118

Tot Ion:	83	Resp:	314585
Ion	Ratio	Lower	Upper
83	100		
55	82.2	77.5	116.3
98	44.5	38.7	58.1

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#40

Benzene

Concen: 54.967 ug/l

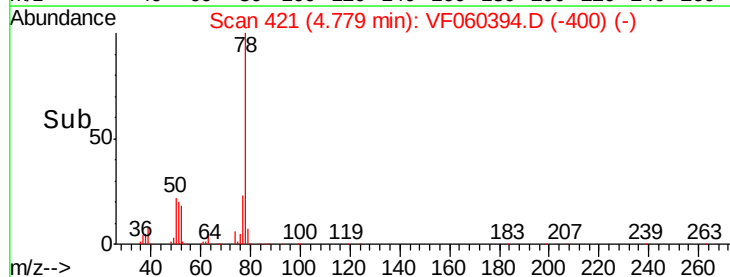
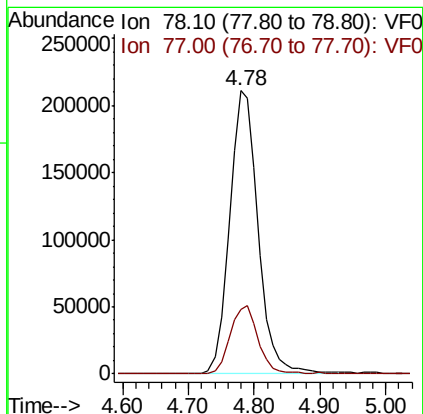
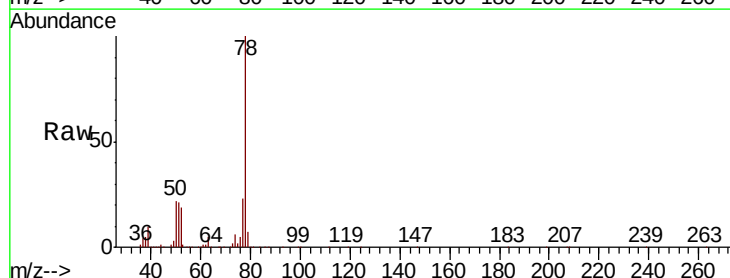
RT: 4.78 min Scan# 421

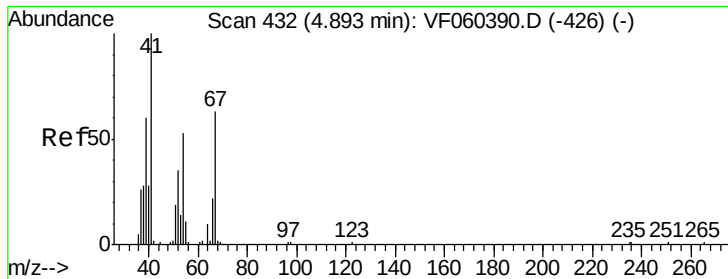
Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Tgt Ion:	78	Resp:	639752
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





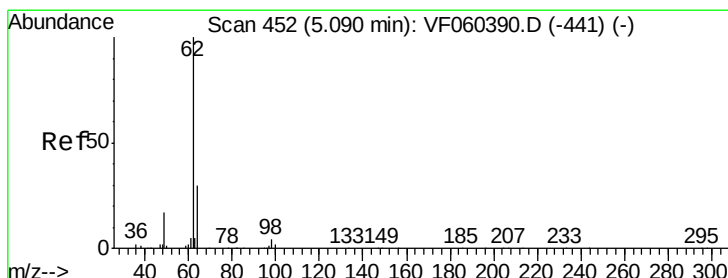
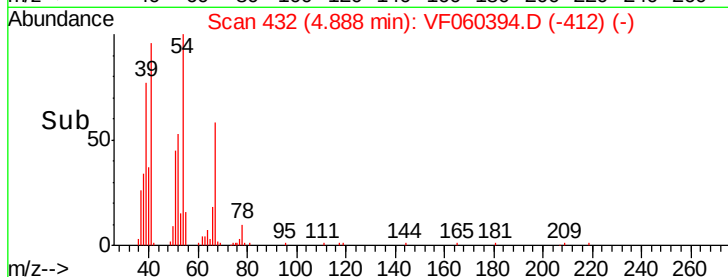
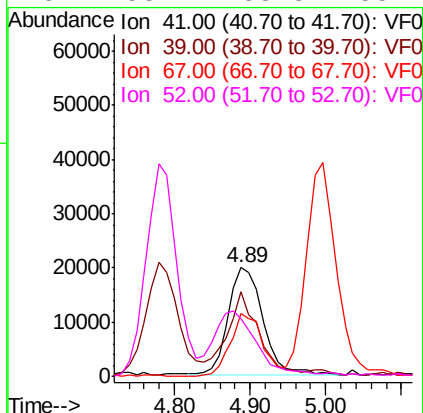
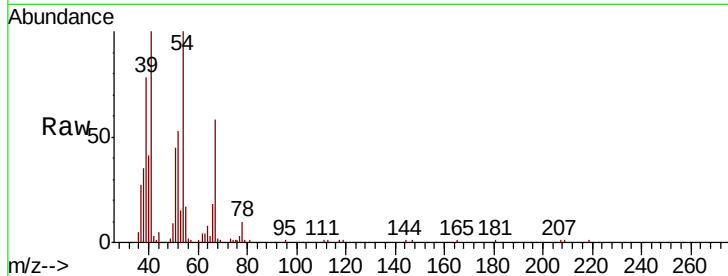
#41
Methacrylonitrile
Concen: 53.269 ug/l
RT: 4.89 min Scan# 432
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	78.2	55.0	82.4	
67	58.0	49.6	74.4	
52	53.2	38.8	58.2	

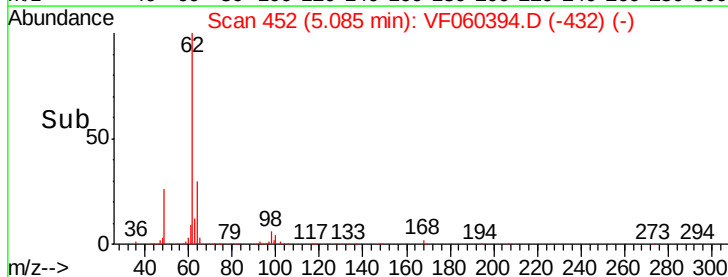
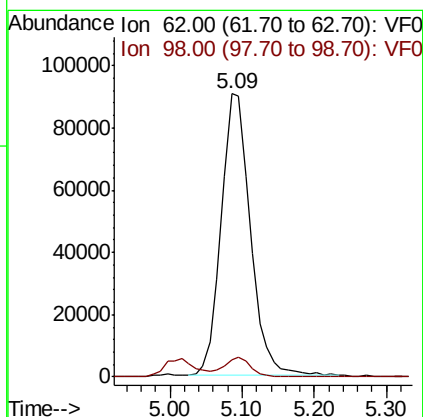
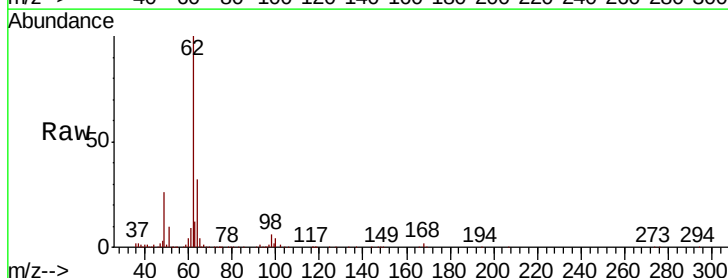
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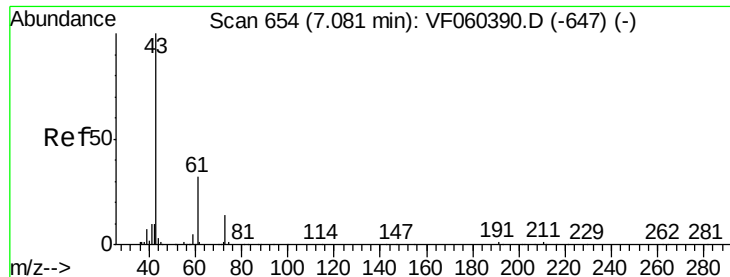
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#42
1,2-Dichloroethane
Concen: 46.052 ug/l
RT: 5.09 min Scan# 452
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	6.1	0.0	11.2	





#43

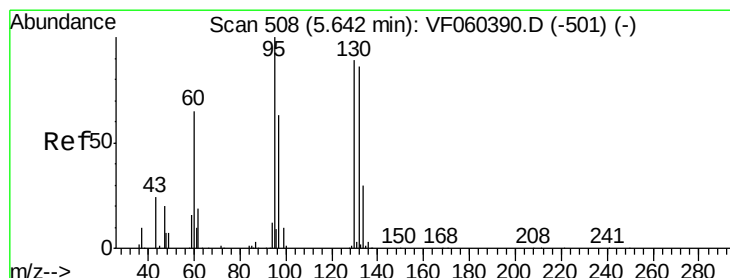
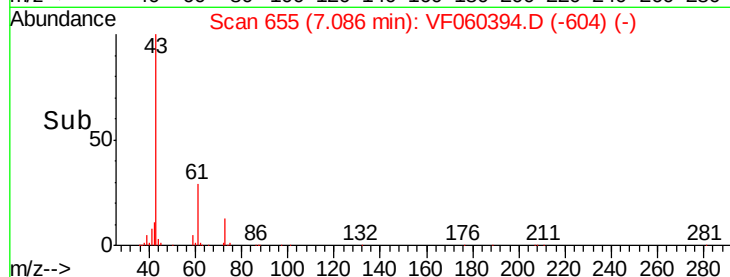
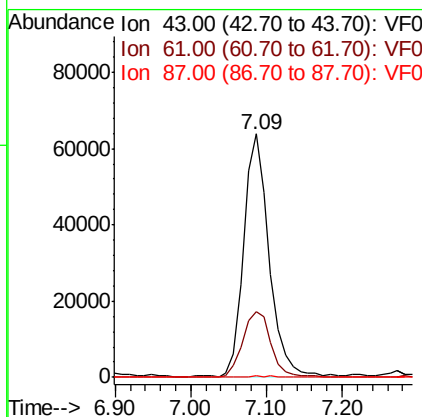
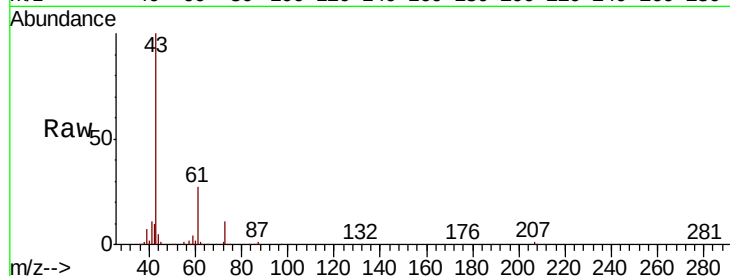
Isopropyl Acetate
 Concen: 54.098 ug/l
 RT: 7.09 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF100118

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.9	25.4	38.2
87	0.8	0.3	0.5

Manual Integrations
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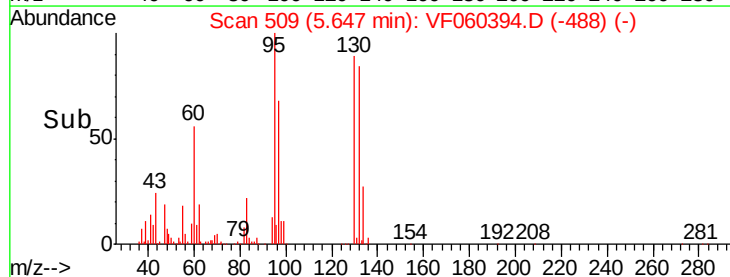
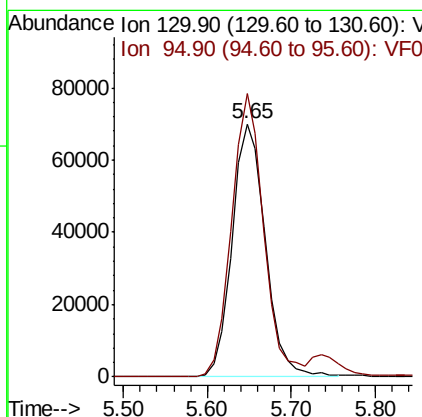
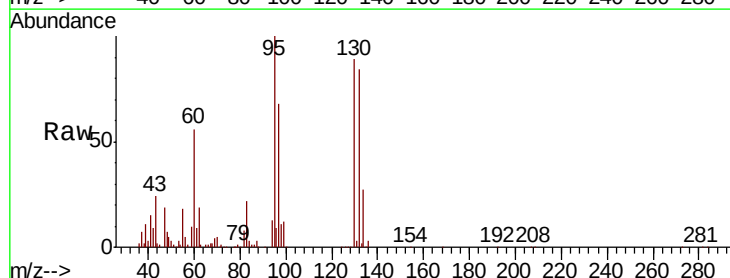
apatel
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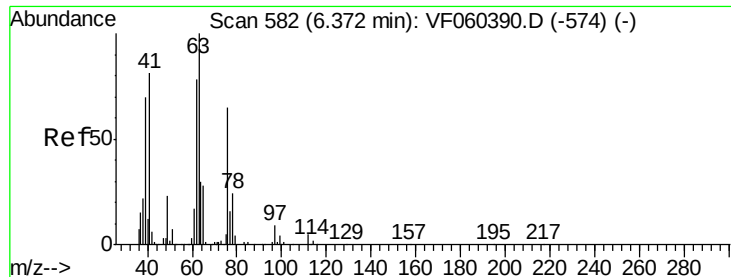


#44

Trichloroethene
 Concen: 51.488 ug/l
 RT: 5.65 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	112.0	0.0	224.4





#45

1,2-Dichloropropane

Concen: 53.183 ug/l

RT: 6.38 min Scan# 583

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

ClientSampleId :

ICVVF100118

Tot Ion: 63 Resp: 164841

Ion Ratio Lower Upper

63 100

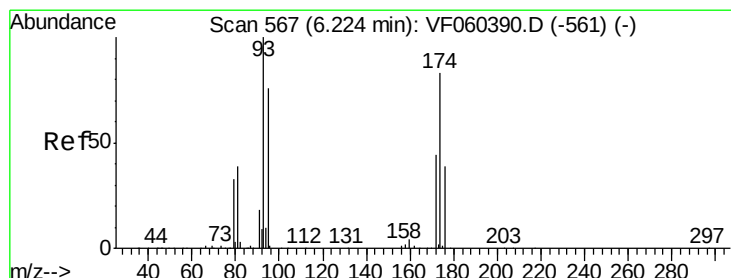
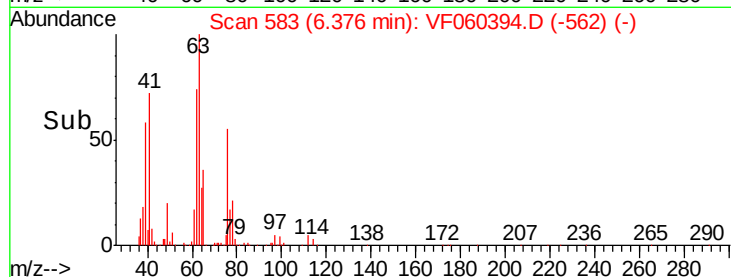
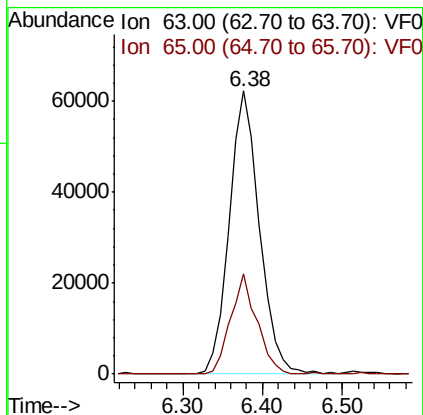
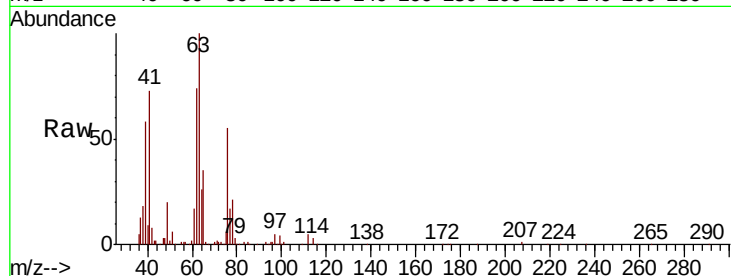
65 35.4 22.7 34.1#

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#46

Dibromomethane

Concen: 50.329 ug/l

RT: 6.23 min Scan# 568

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

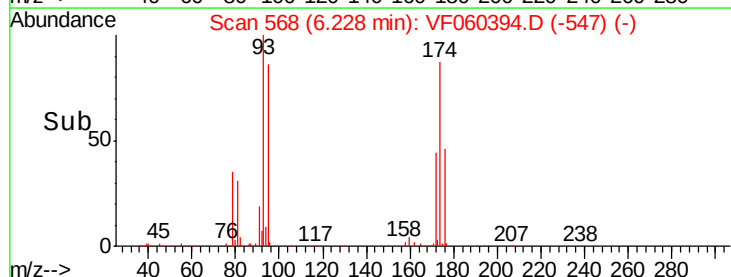
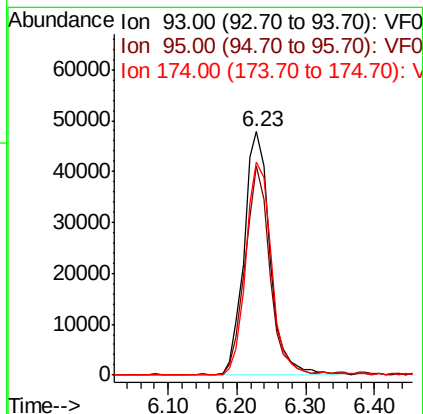
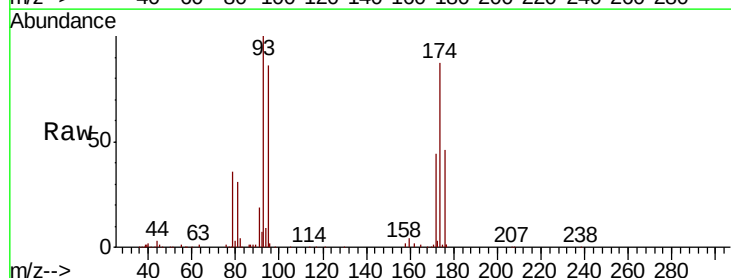
Tgt Ion: 93 Resp: 125422

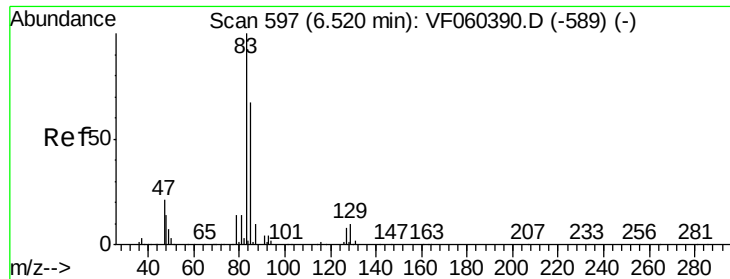
Ion Ratio Lower Upper

93 100

95 85.7 61.1 91.7

174 88.7 66.7 100.1





#47

Bromodichloromethane

Concen: 46.914 ug/l

RT: 6.52 min Scan# 598

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

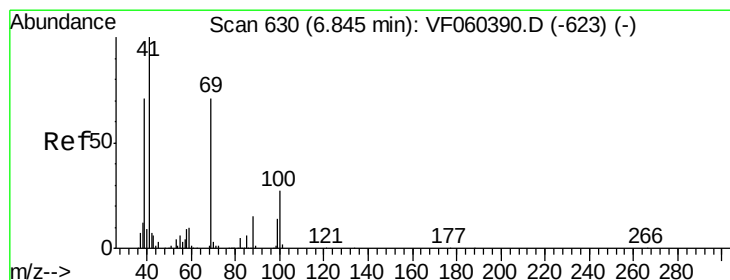
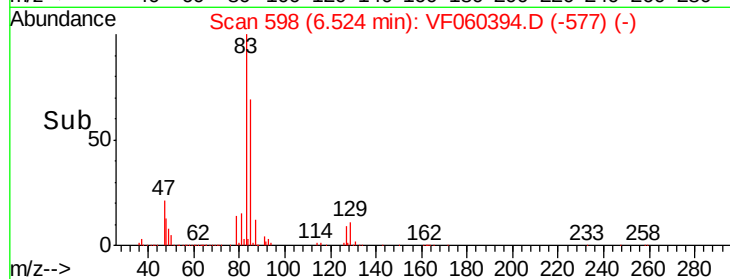
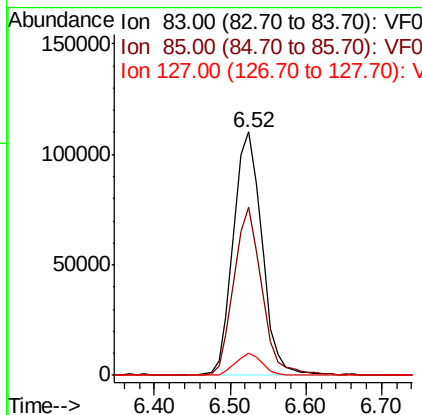
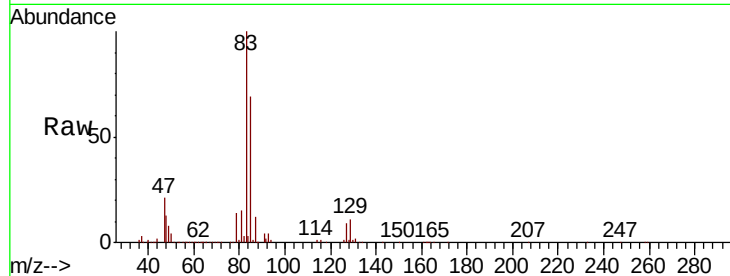
ClientSampleId :

ICVVF100118

Tot Ion:	83	Resp:	289546
Ion Ratio	Lower	Upper	
83	100		
85	69.1	53.2	79.8
127	9.0	6.6	9.8

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#48

Methyl methacrylate

Concen: 47.678 ug/l

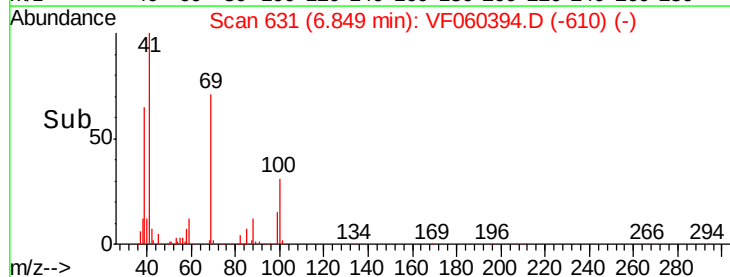
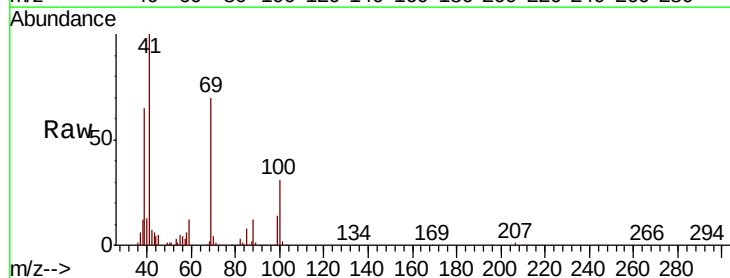
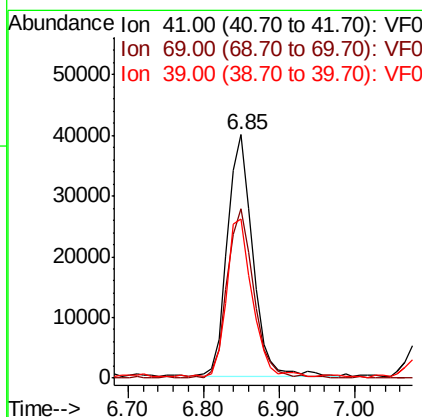
RT: 6.85 min Scan# 631

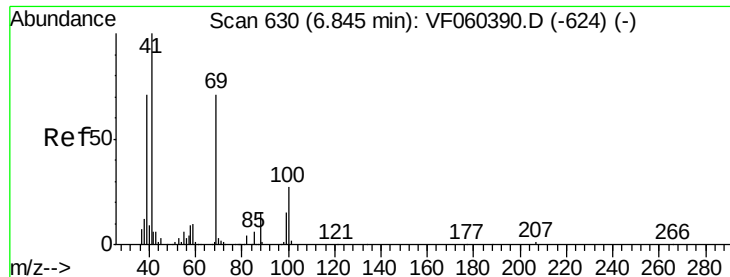
Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Tgt Ion:	41	Resp:	92857
Ion Ratio	Lower	Upper	
41	100		
69	69.8	56.3	84.5
39	65.3	56.9	85.3





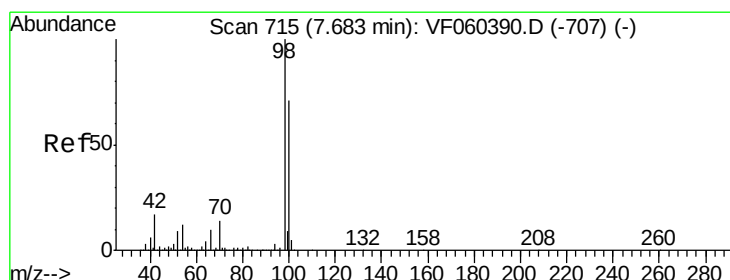
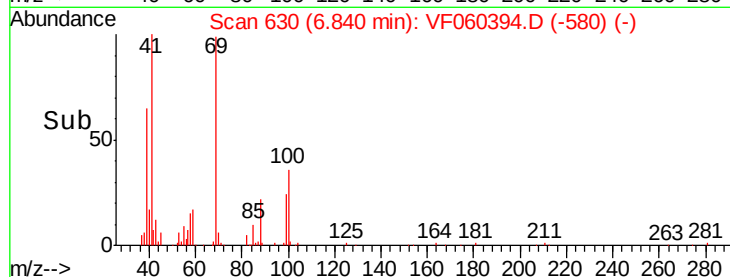
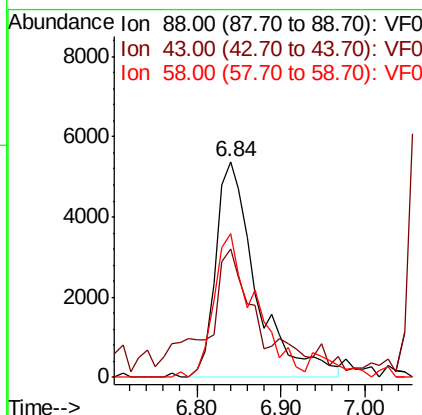
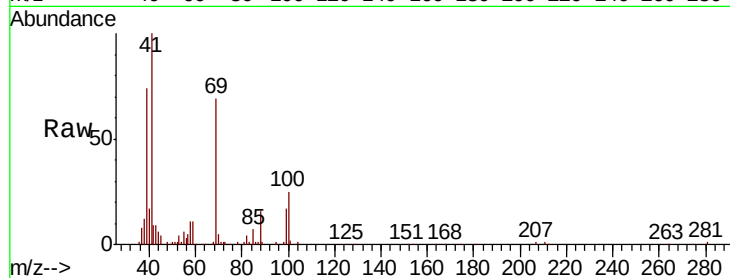
#49
1,4-Dioxane
Concen: 1078.398 ug/l
RT: 6.84 min Scan# 630
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion	88	Resp	18109
Ion Ratio	Lower	Upper	
88	100		
43	59.7	38.3	57.5#
58	66.9	47.4	71.2

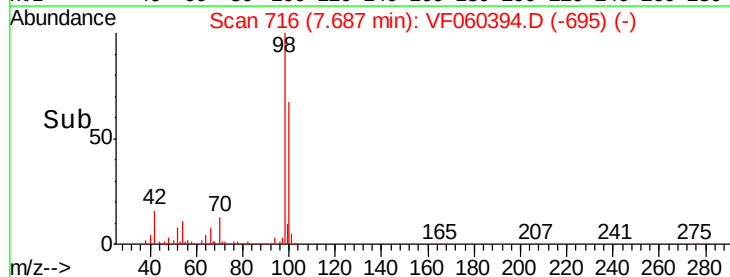
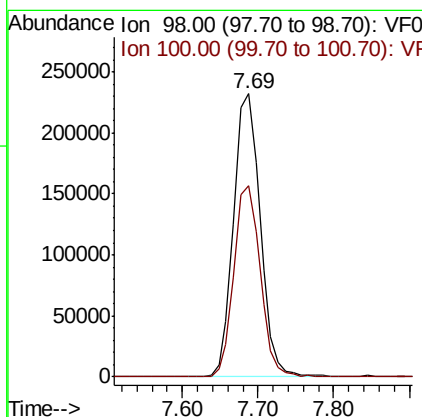
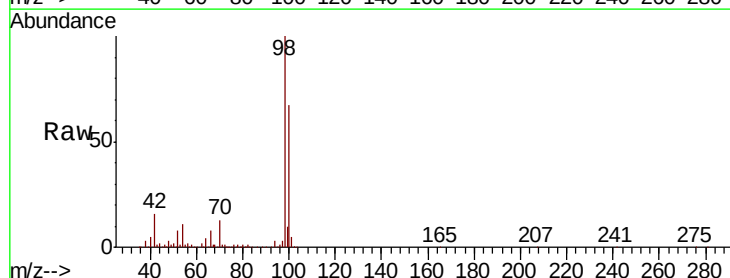
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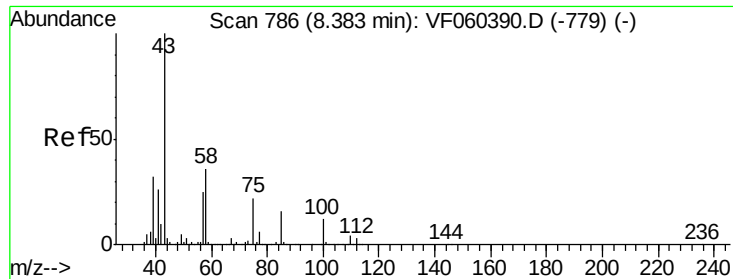
apatel
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#50
Toluene-d8
Concen: 51.558 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion	98	Resp	567239
Ion Ratio	Lower	Upper	
98	100		
100	67.4	56.5	84.7





#51

4-Methyl-2-Pentanone

Concen: 269.678 ug/l

RT: 8.38 min Scan# 786

Delta R.T. -0.01 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

ClientSampleId :

ICVVF100118

Tot Ion: 43 Resp: 520839

Ion Ratio Lower Upper

43 100

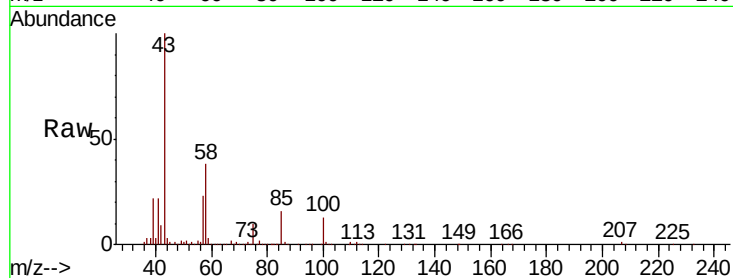
58 38.4 28.5 42.7

Manual Integrations

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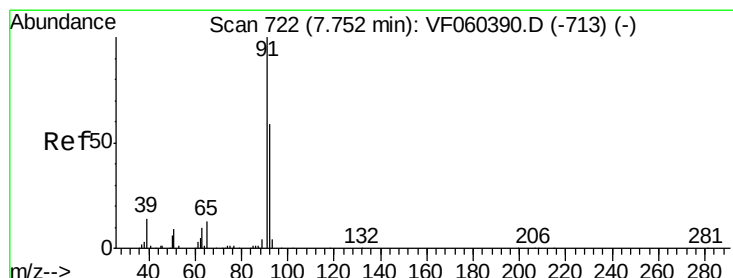
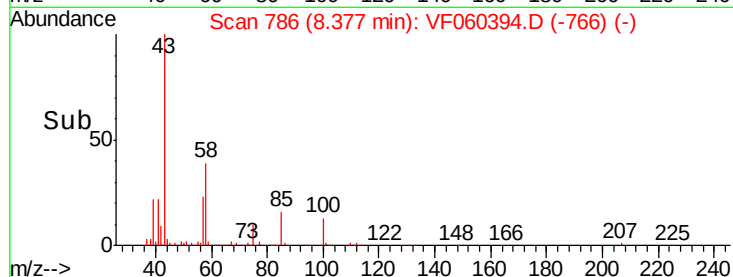
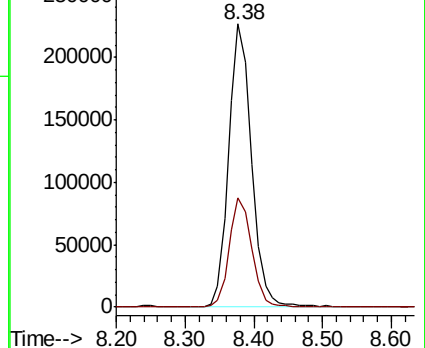
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 51.242 ug/l

RT: 7.76 min Scan# 723

Delta R.T. 0.00 min

Lab File: VF060394.D

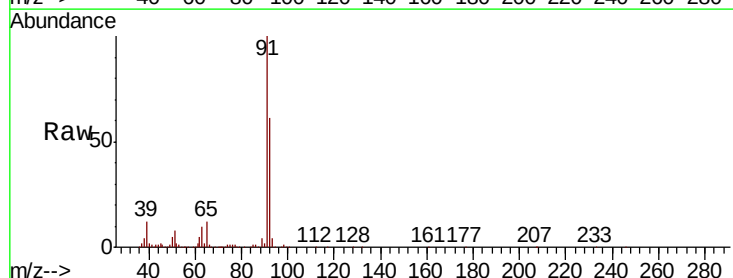
Acq: 1 Oct 2018 21:00

Tgt Ion: 92 Resp: 405081

Ion Ratio Lower Upper

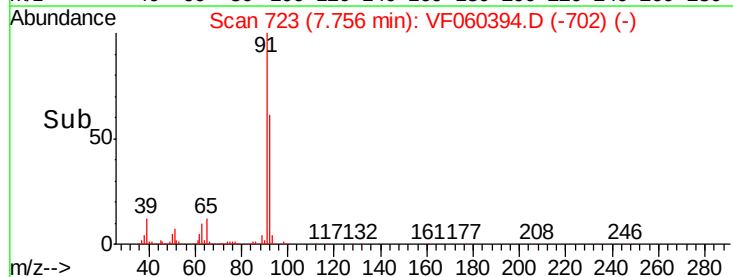
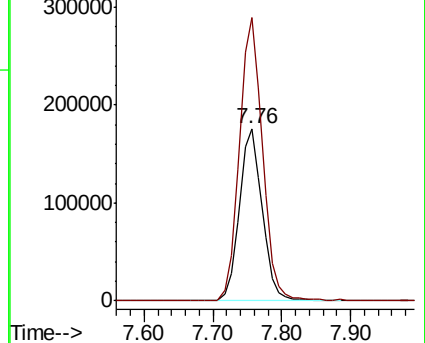
92 100

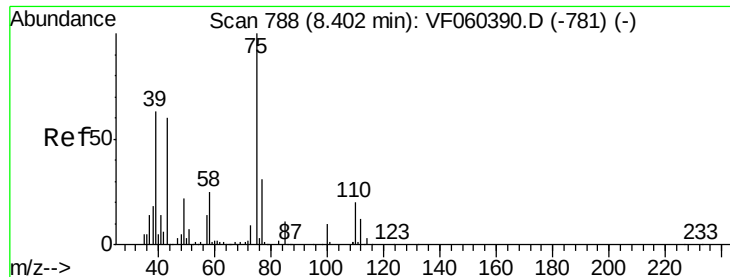
91 164.4 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 46.955 ug/l

RT: 8.40 min Scan# 788

Delta R.T. -0.01 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

ClientSampleId :

ICVVF100118

Tot Ion: 75 Resp: 227113

Ion Ratio Lower Upper

75 100

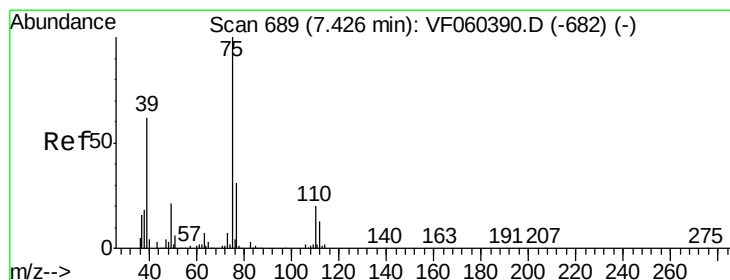
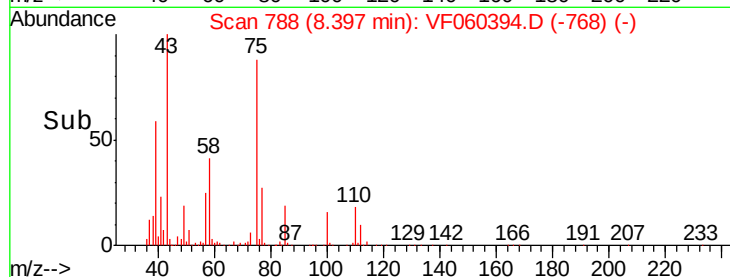
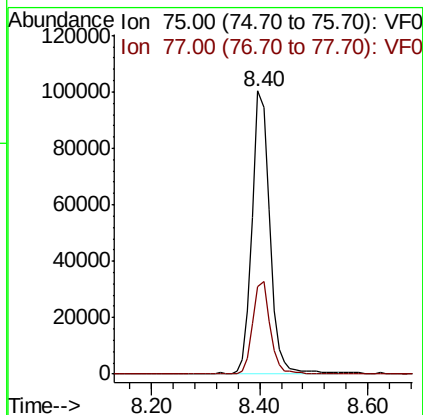
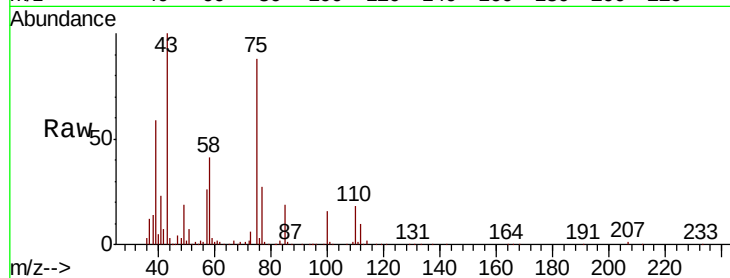
77 31.1 24.6 36.8

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#54

cis-1,3-Dichloropropene

Concen: 50.968 ug/l

RT: 7.43 min Scan# 690

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

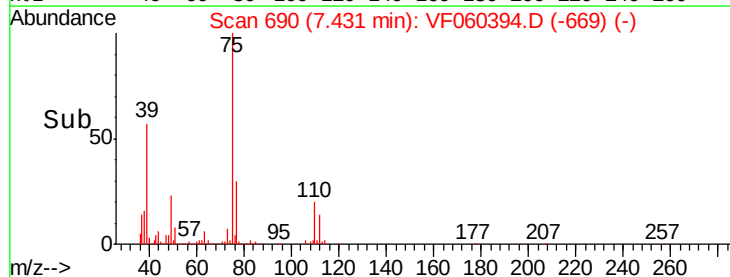
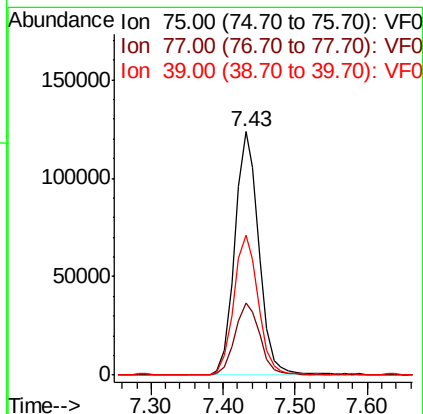
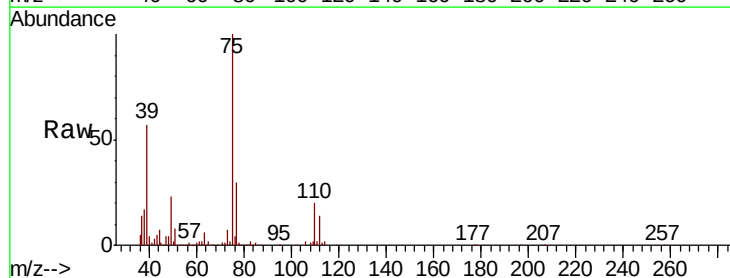
Tgt Ion: 75 Resp: 288120

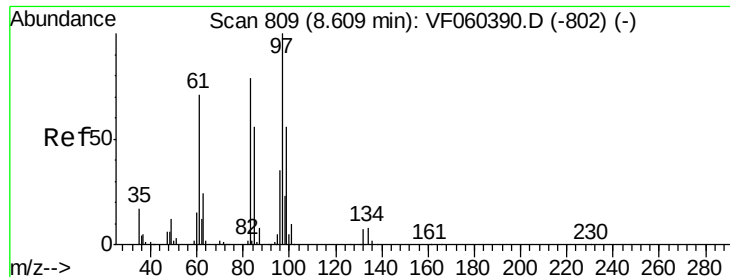
Ion Ratio Lower Upper

75 100

77 29.7 25.2 37.8

39 57.5 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 46.588 ug/l

RT: 8.61 min Scan# 810

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

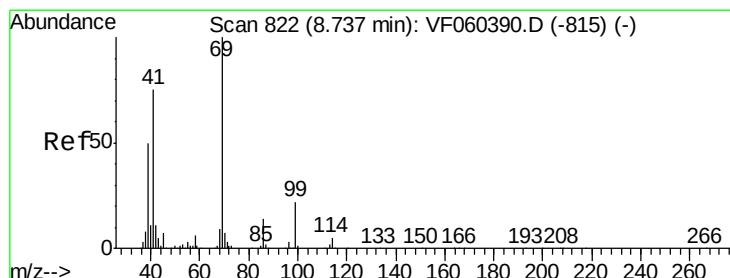
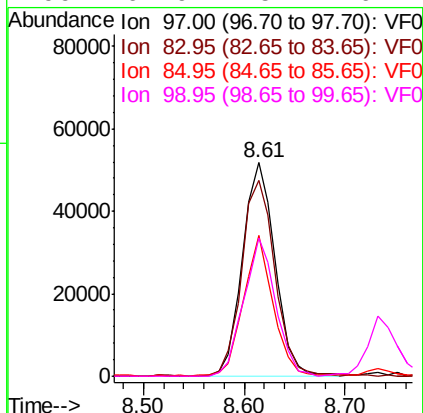
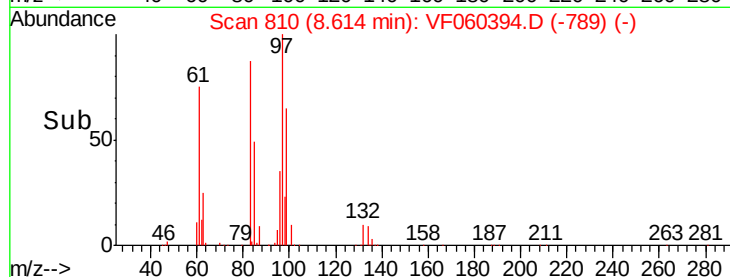
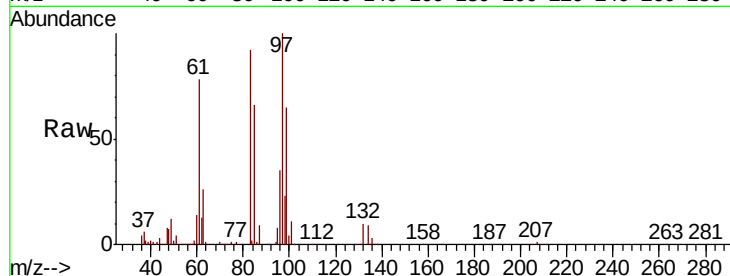
ClientSampleId :

ICVVF100118

Tot Ion:	97	Resp:	116737
Ion Ratio	Lower	Upper	
97	100		
83	91.7	63.4	95.0
85	66.1	44.5	66.7
99	64.9	45.1	67.7

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#56

Ethyl methacrylate

Concen: 52.917 ug/l

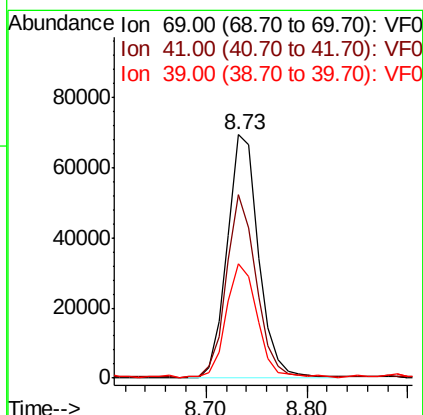
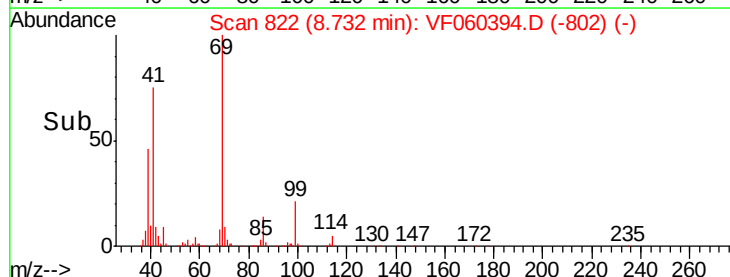
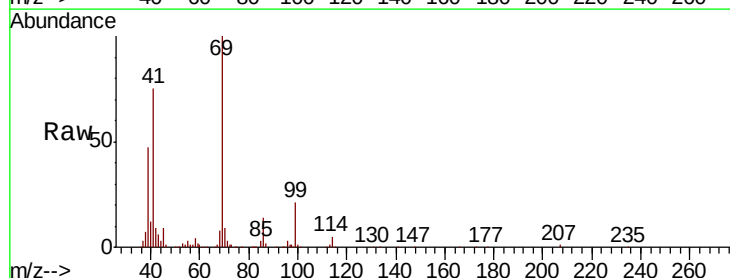
RT: 8.73 min Scan# 822

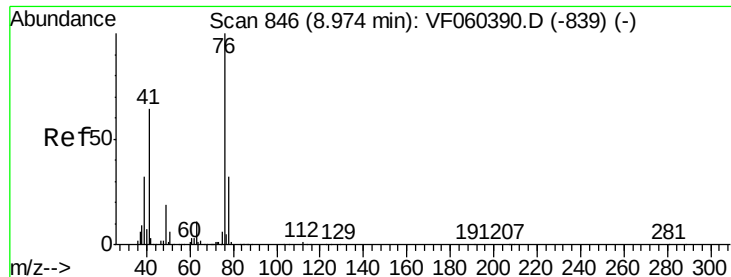
Delta R.T. -0.01 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Tgt Ion:	69	Resp:	150674
Ion Ratio	Lower	Upper	
69	100		
41	75.2	60.2	90.4
39	47.0	40.2	60.2





#57

1,3-Dichloropropane

Concen: 47.940 ug/l

RT: 8.98 min Scan# 847

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

ClientSampleId :

ICVVF100118

Tot Ion: 76 Resp: 203223

Ion Ratio Lower Upper

76 100

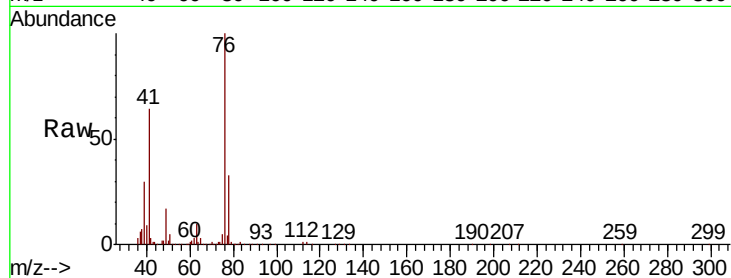
78 32.7 25.3 37.9

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Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

8.98

100000

80000

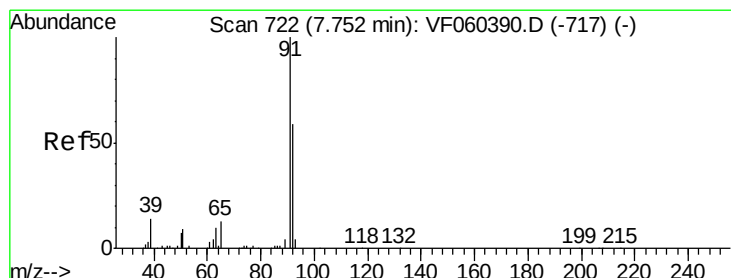
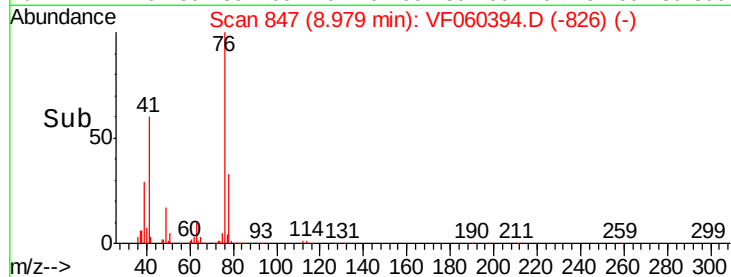
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 240.686 ug/l

RT: 7.76 min Scan# 723

Delta R.T. 0.00 min

Lab File: VF060394.D

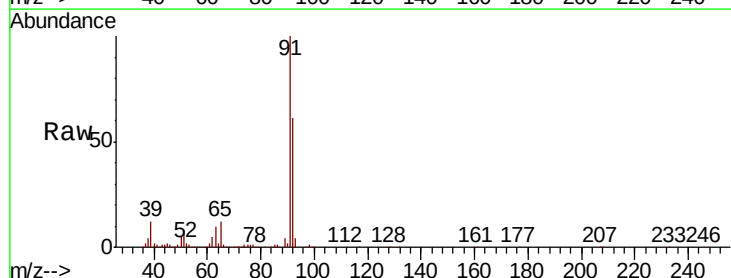
Acq: 1 Oct 2018 21:00

Tgt Ion: 63 Resp: 70002

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

7.76

30000

25000

20000

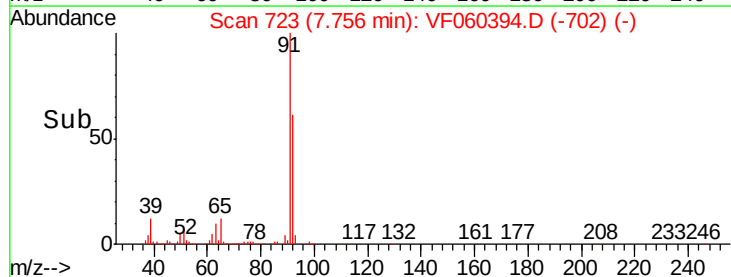
15000

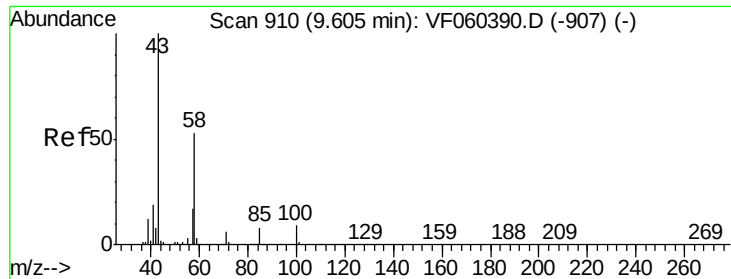
10000

5000

0

Time-->





#59

2-Hexanone

Concen: 251.092 ug/l

RT: 9.61 min Scan# 911

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

ClientSampleId :

ICVVF100118

Tot Ion: 43 Resp: 355699

Ion Ratio Lower Upper

43 100

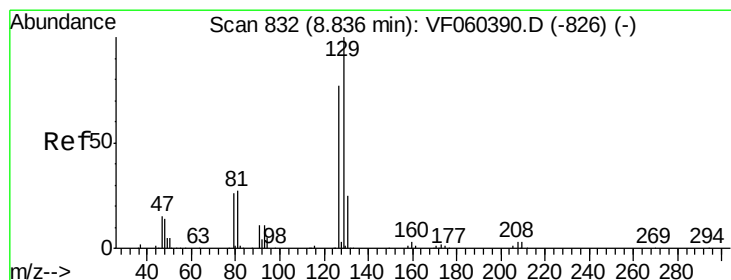
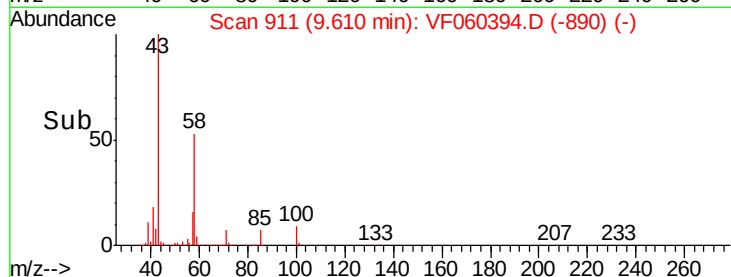
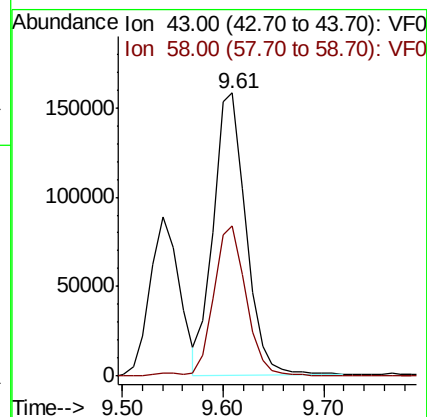
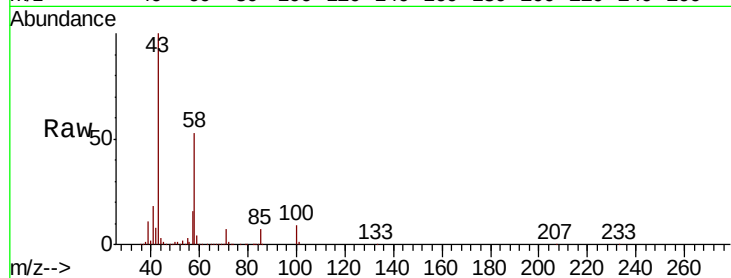
58 53.3 25.6 76.6

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#60

Dibromochloromethane

Concen: 48.830 ug/l

RT: 8.84 min Scan# 833

Delta R.T. 0.00 min

Lab File: VF060394.D

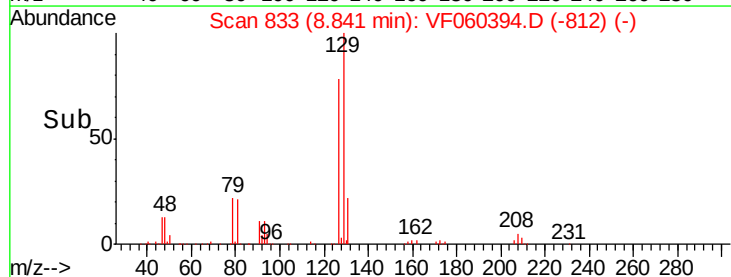
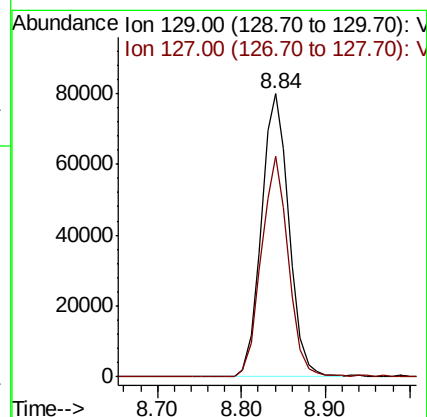
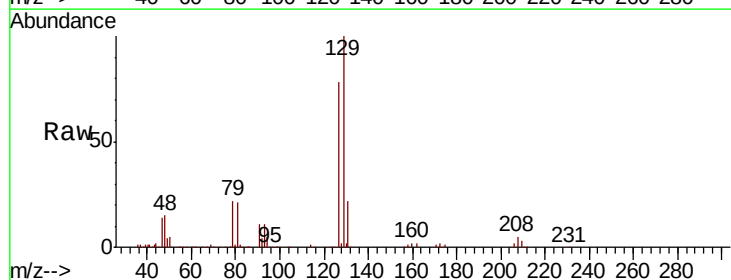
Acq: 1 Oct 2018 21:00

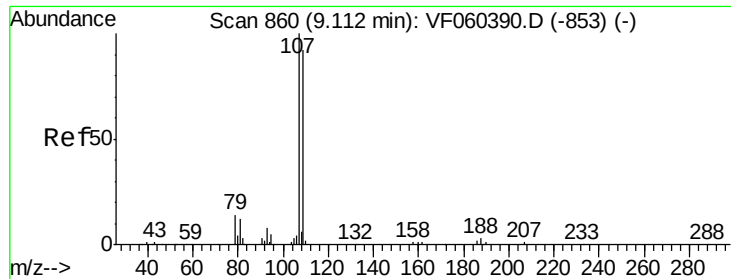
Tgt Ion: 129 Resp: 184226

Ion Ratio Lower Upper

129 100

127 78.2 38.3 114.8





#61

1,2-Dibromoethane

Concen: 49.095 ug/l

RT: 9.11 min Scan# 860

Delta R.T. -0.01 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

ClientSampleId :

ICVVF100118

Tot Ion: 107 Resp: 134611

Ion Ratio Lower Upper

107 100

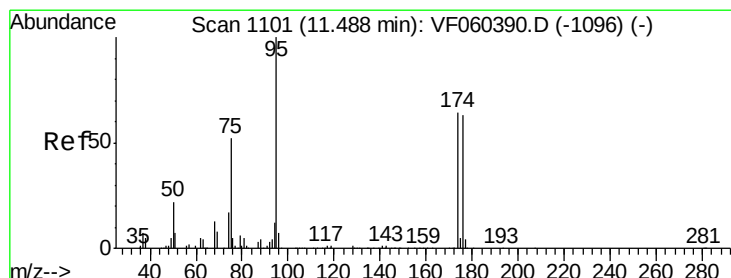
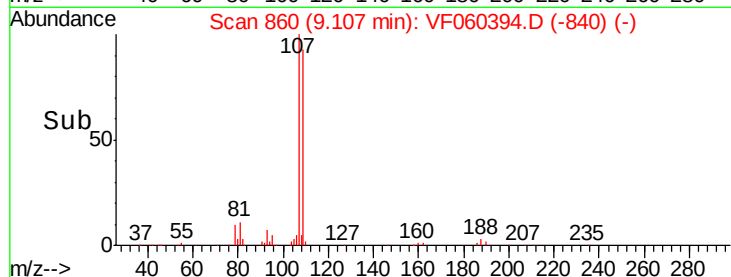
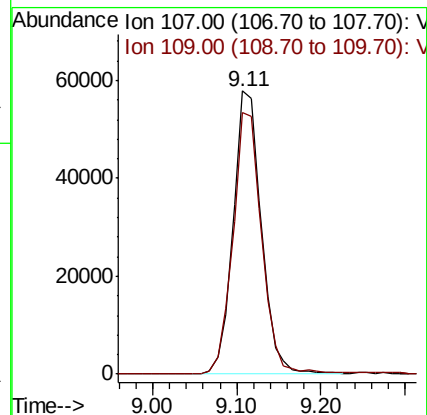
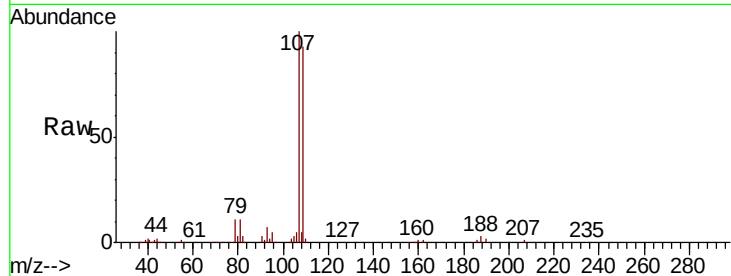
109 92.5 73.7 110.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 47.707 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

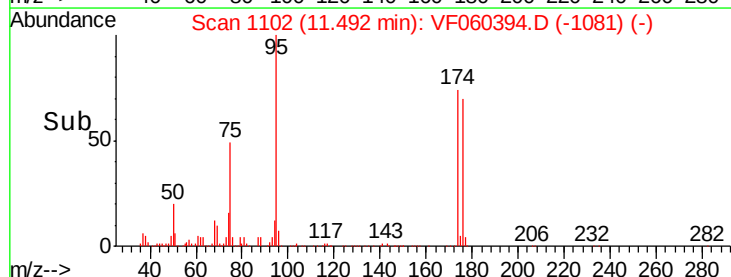
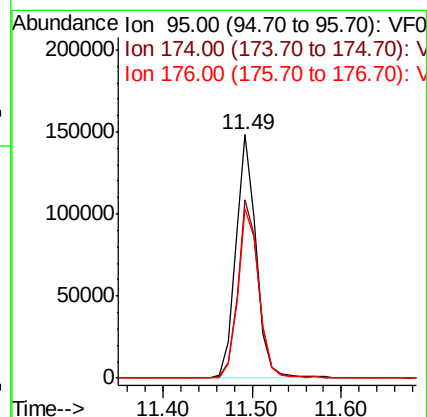
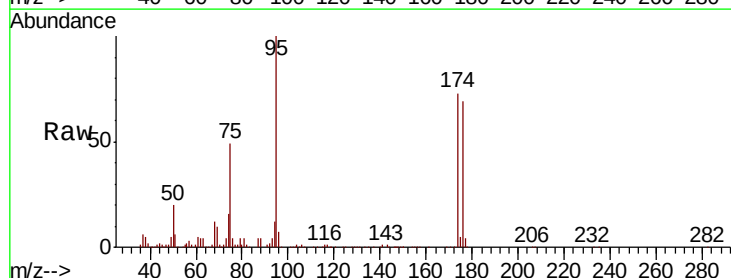
Tgt Ion: 95 Resp: 239650

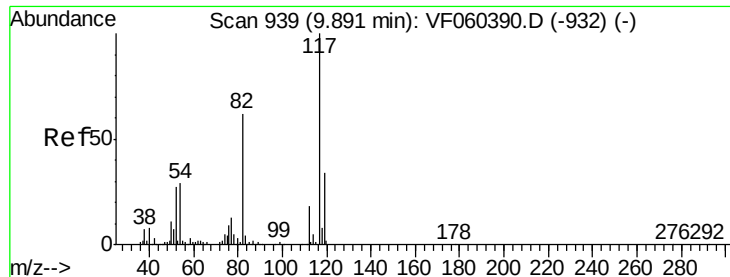
Ion Ratio Lower Upper

95 100

174 73.5 0.0 129.0

176 69.5 0.0 125.6





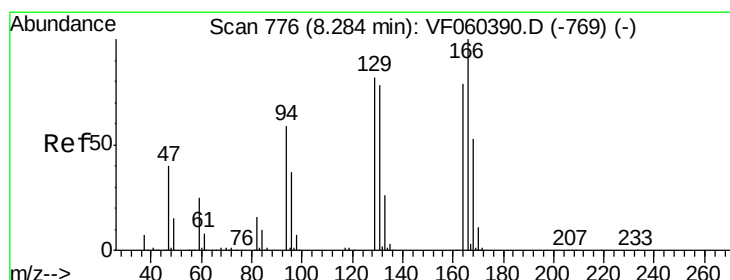
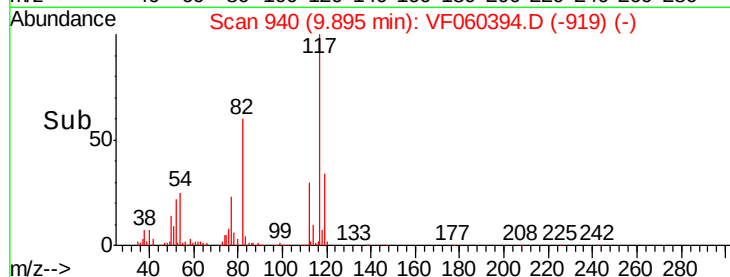
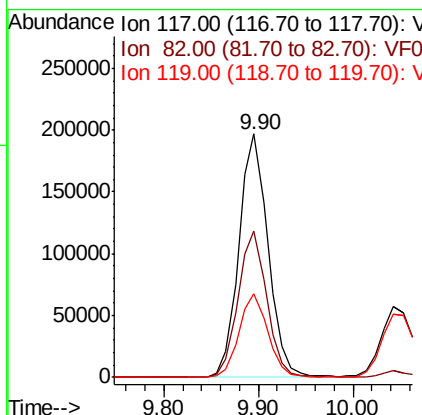
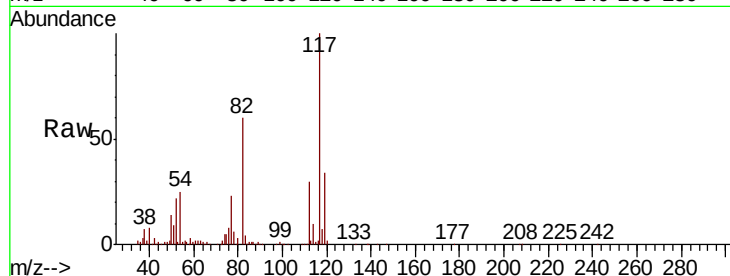
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	49.5	74.3
119	34.1	27.0	40.6

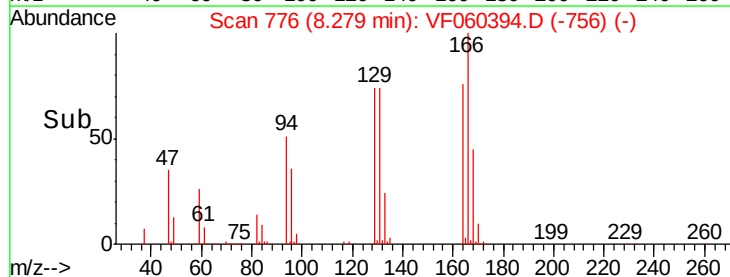
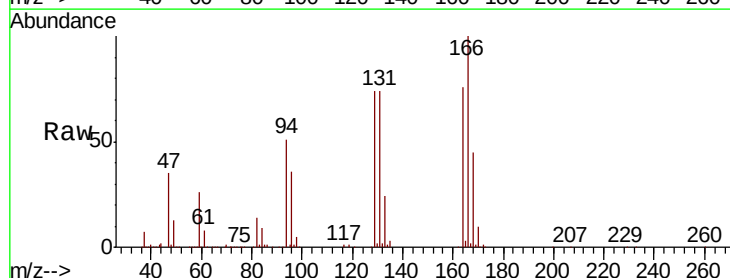
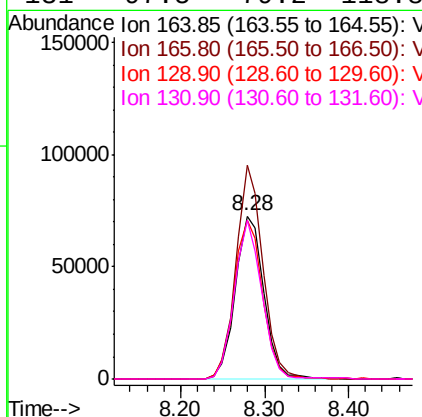
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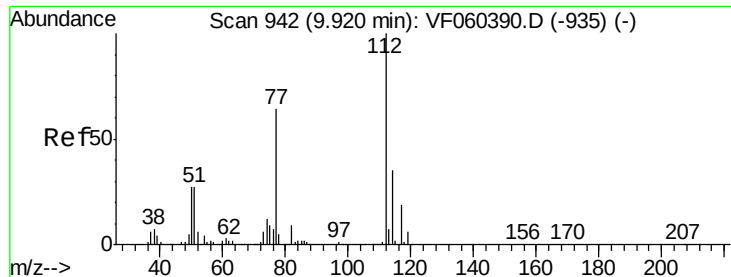
apatel
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#64
Tetrachloroethene
Concen: 51.502 ug/l
RT: 8.28 min Scan# 776
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	101.0	151.6
129	97.2	82.5	123.7
131	97.5	79.2	118.8





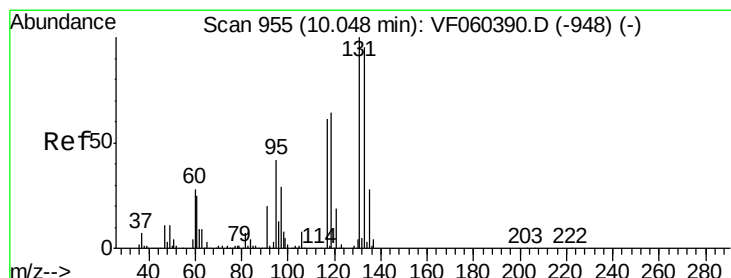
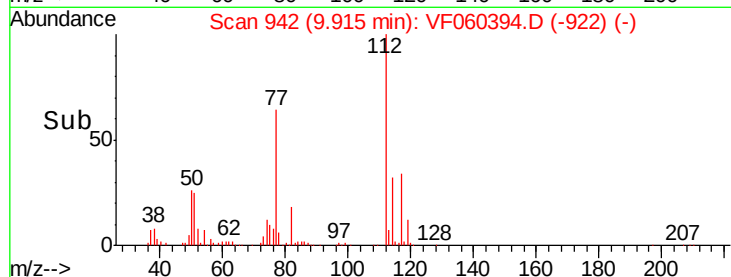
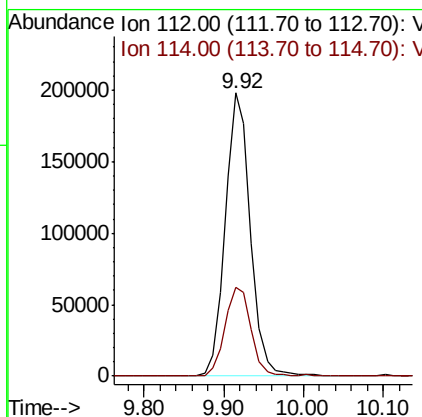
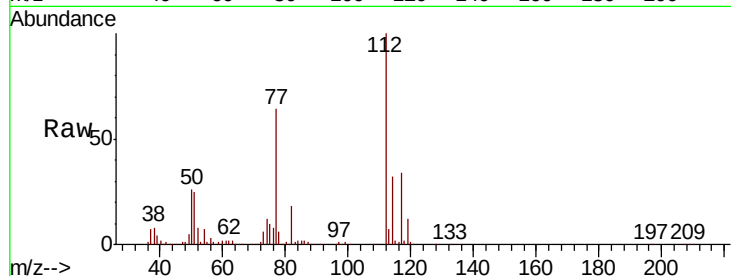
#65
Chlorobenzene
Concen: 50.791 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion:112 Resp: 437678
Ion Ratio Lower Upper
112 100
114 31.6 27.7 41.5

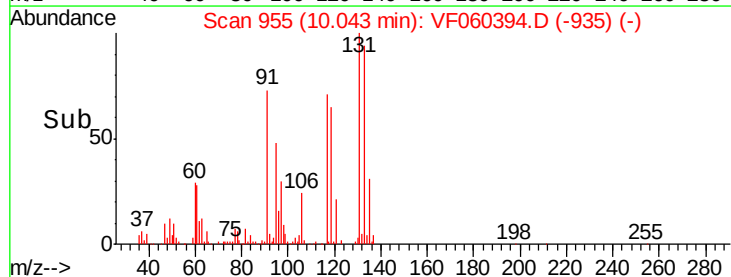
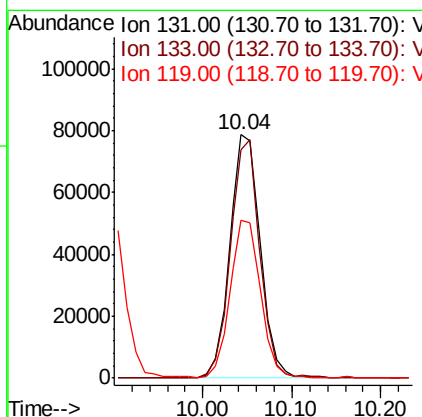
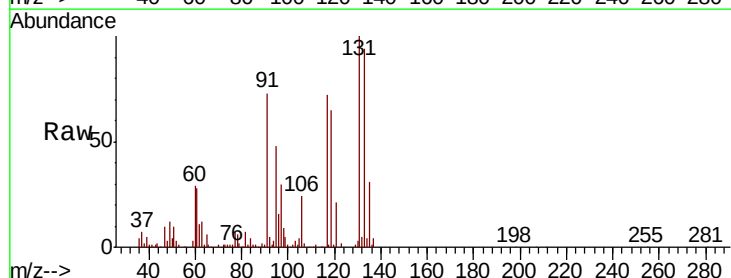
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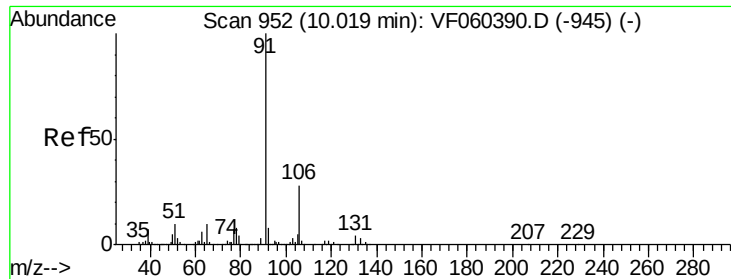
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.999 ug/l
RT: 10.04 min Scan# 955
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion:131 Resp: 188126
Ion Ratio Lower Upper
131 100
133 94.0 47.3 141.8
119 64.6 32.3 96.9





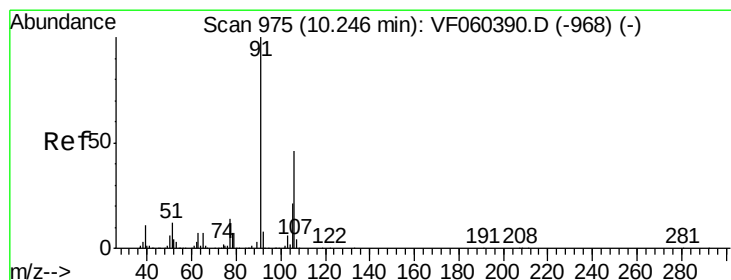
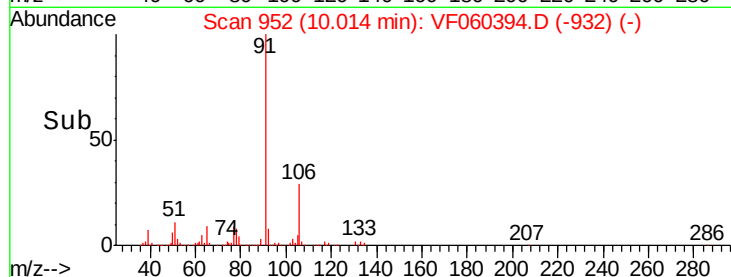
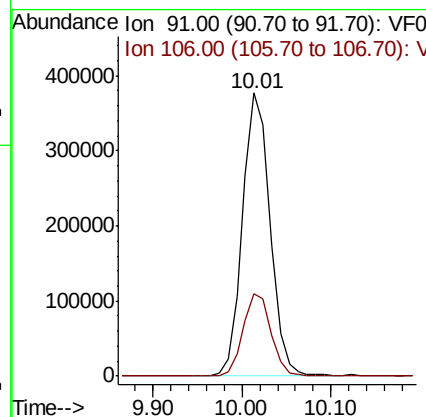
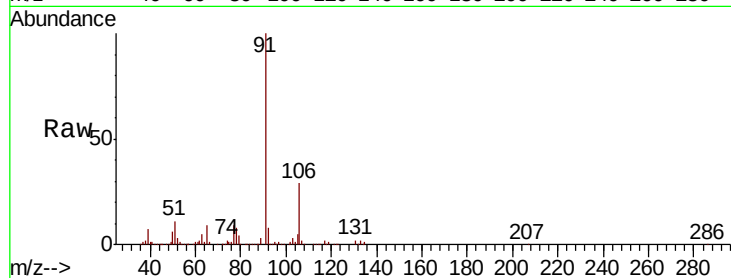
#67
Ethyl Benzene
Concen: 49.572 ug/l
RT: 10.01 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion: 91 Resp: 812222
Ion Ratio Lower Upper
91 100
106 29.0 22.5 33.7

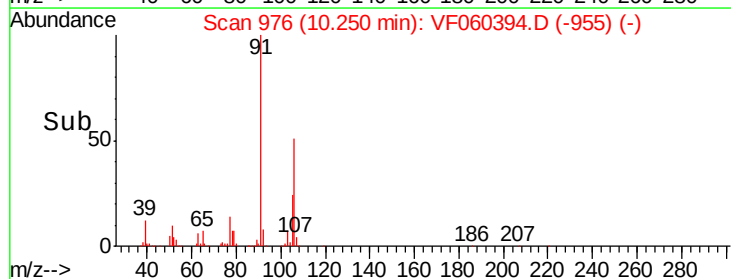
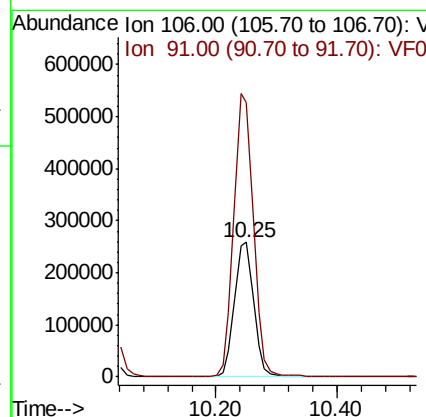
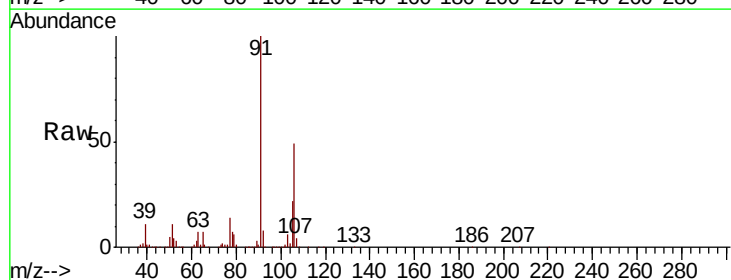
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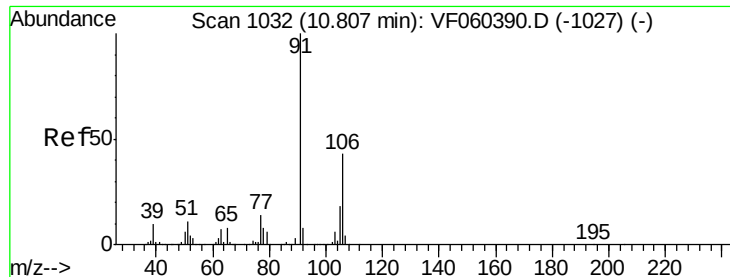
apatel
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#68
m/p-Xylenes
Concen: 102.663 ug/l
RT: 10.25 min Scan# 976
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion: 106 Resp: 578254
Ion Ratio Lower Upper
106 100
91 204.4 175.0 262.6





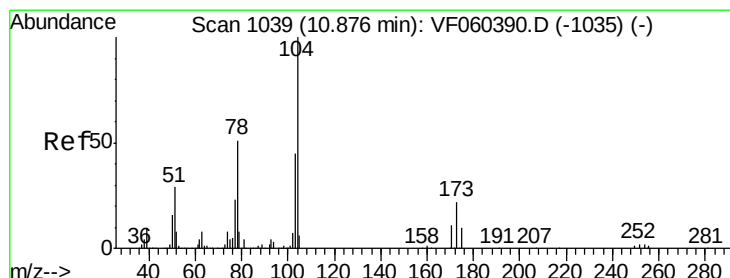
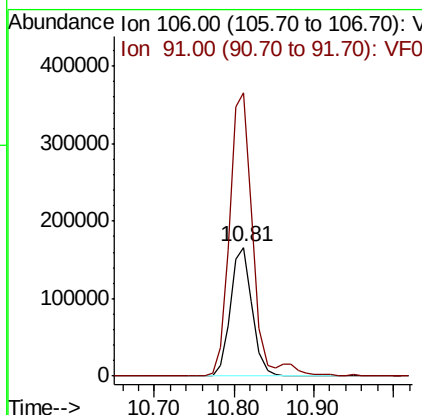
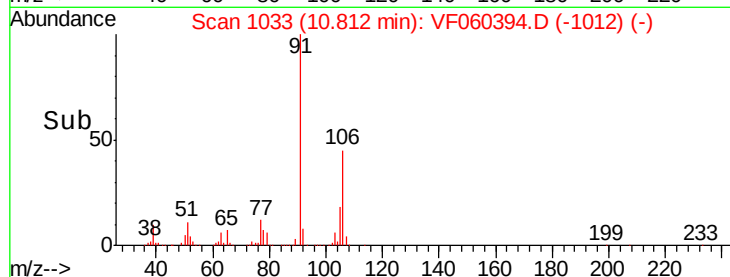
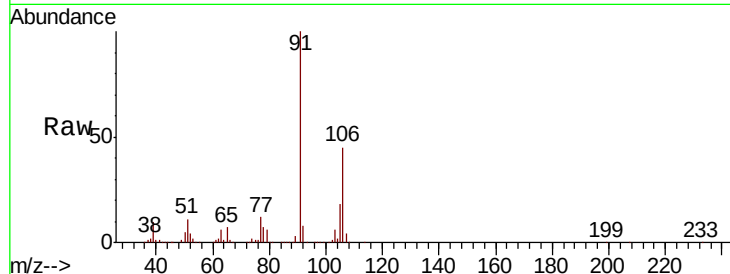
#69
o-Xylene
Concen: 51.764 ug/l
RT: 10.81 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion:106 Resp: 317806
Ion Ratio Lower Upper
106 100
91 220.1 115.1 345.2

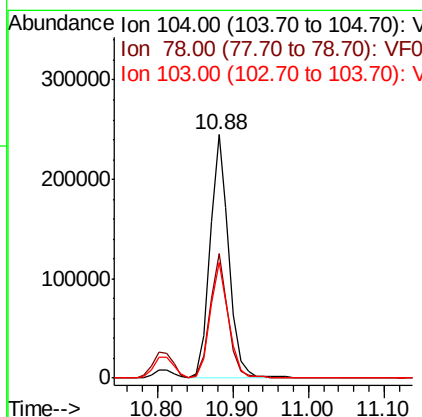
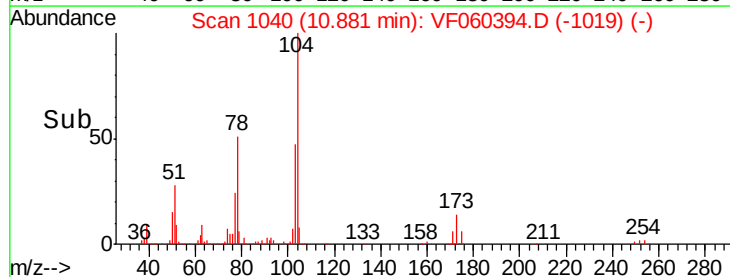
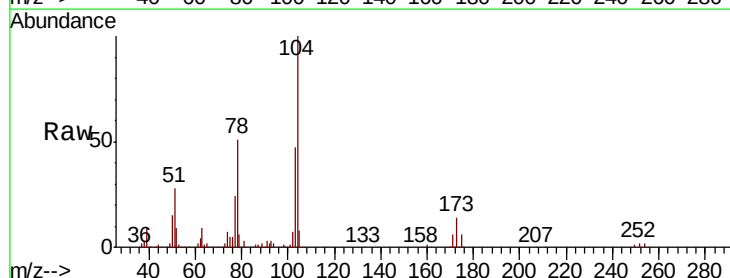
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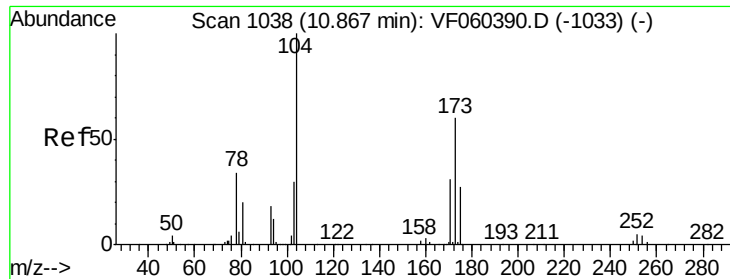
apatel
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#70
Styrene
Concen: 48.754 ug/l
RT: 10.88 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion:104 Resp: 425766
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.4
103 47.4 36.4 54.6





#71

Bromoform

Concen: 49.981 ug/l

RT: 10.87 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

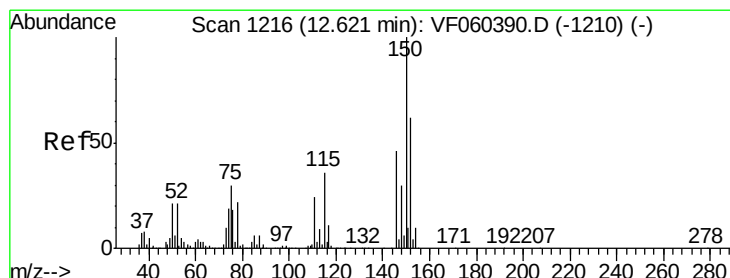
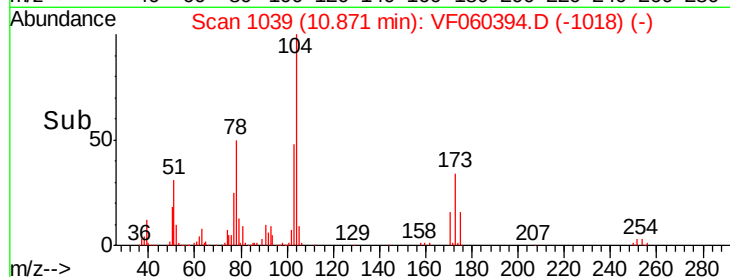
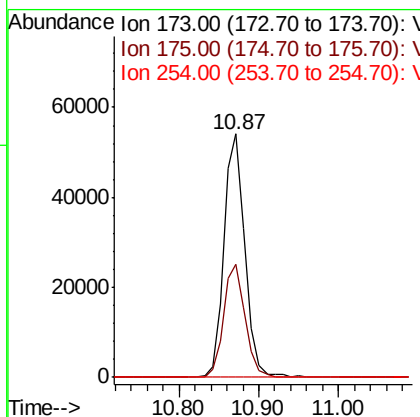
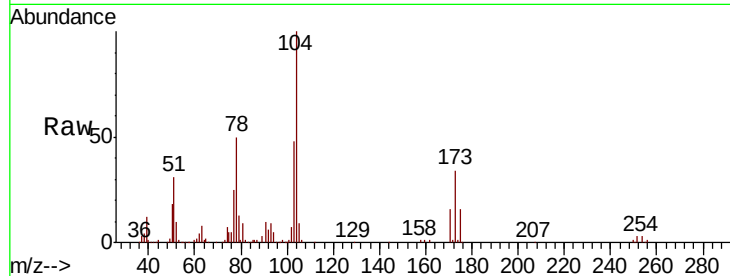
ClientSampleId :

ICVVF100118

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.3	22.1	66.1
254	0.3	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

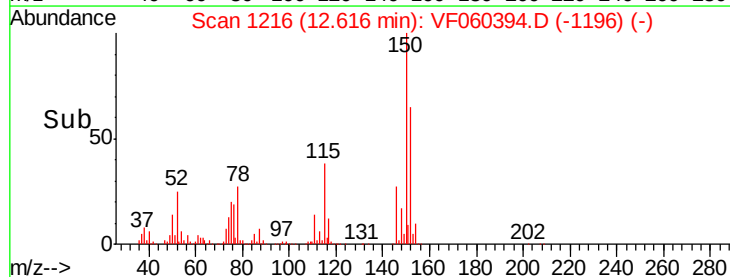
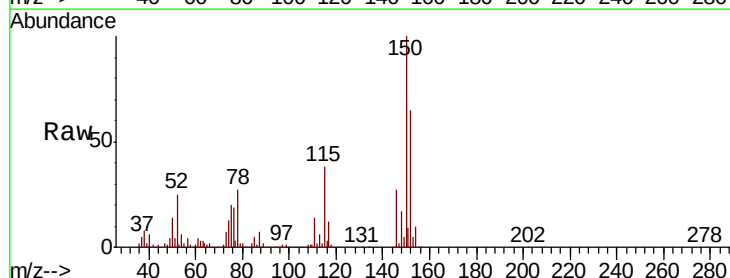
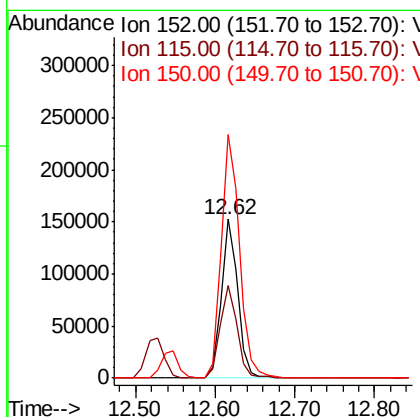
RT: 12.62 min Scan# 1216

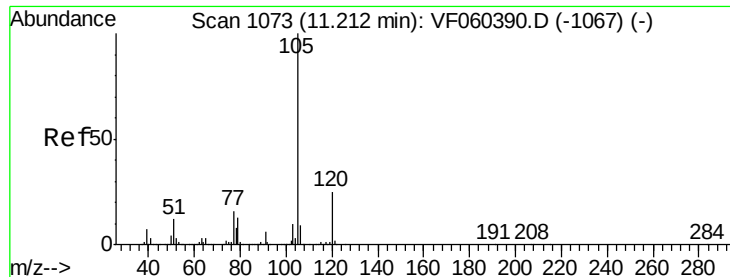
Delta R.T. -0.01 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.6	85.8
150	153.4	0.0	324.6





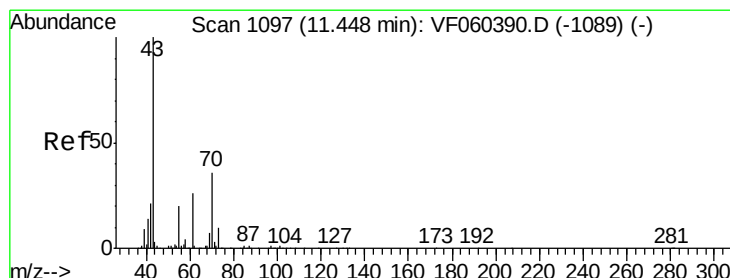
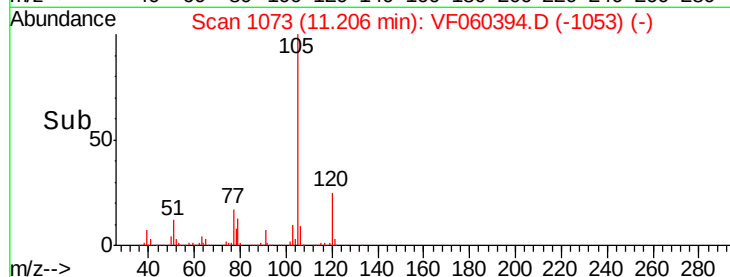
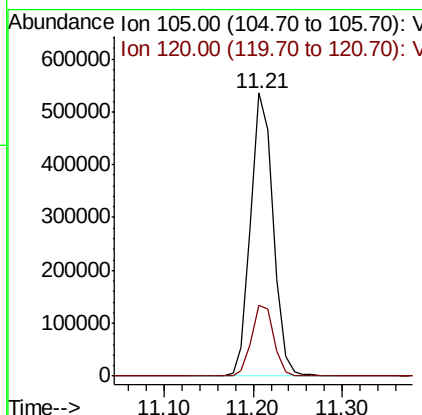
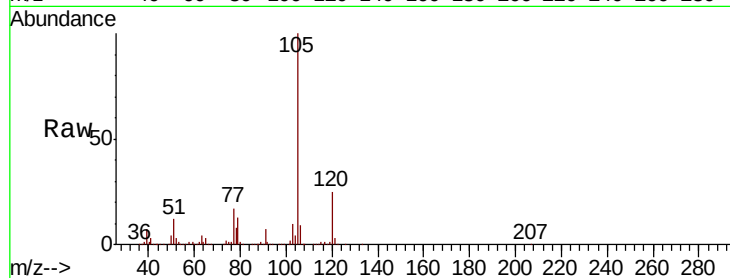
#73
Isopropylbenzene
Concen: 52.808 ug/l
RT: 11.21 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion	Ratio	Lower	Upper
105	100		
120	24.8	12.3	36.9

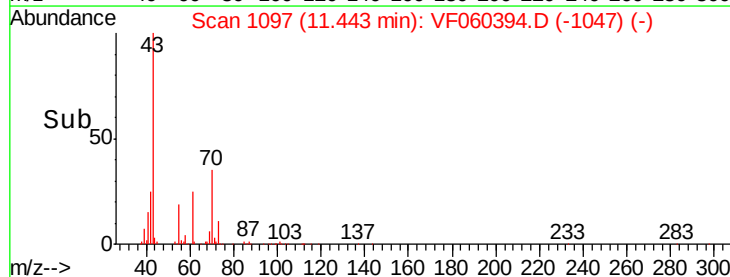
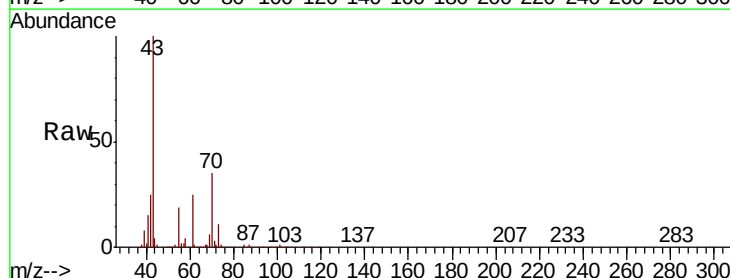
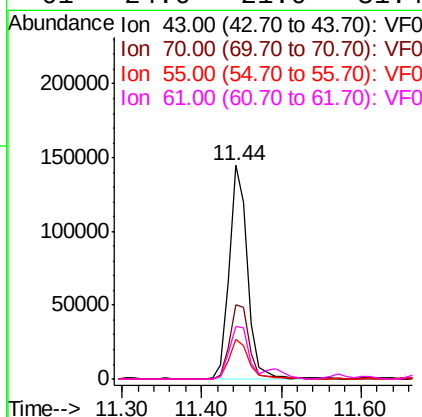
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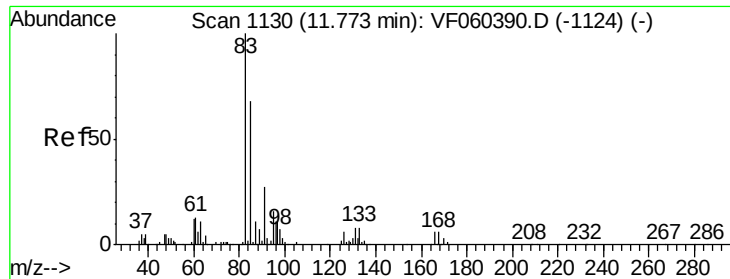
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#74
N-ethyl acetate
Concen: 57.686 ug/l
RT: 11.44 min Scan# 1097
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
43	100		
70	34.8	29.1	43.7
55	18.6	16.3	24.5
61	24.6	21.0	31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.112 ug/l

RT: 11.77 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

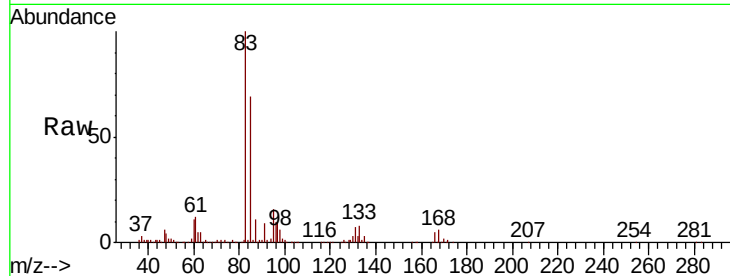
ClientSampleId :

ICVVF100118

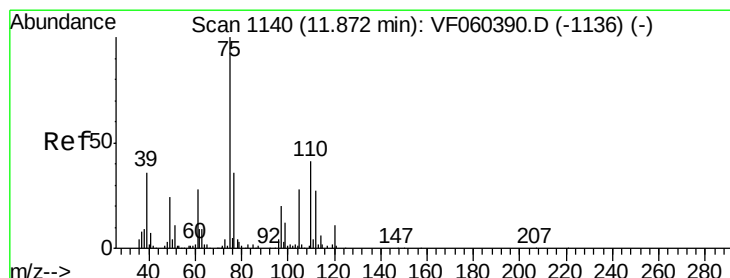
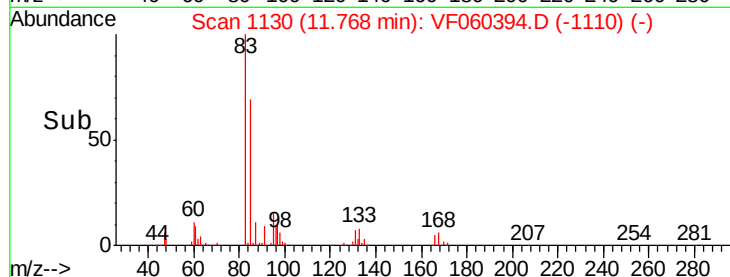
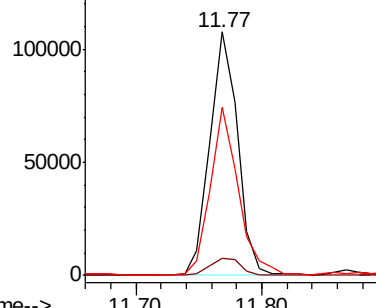
Tot Ion:	83	Resp:	164339
Ion Ratio	Lower	Upper	
83	100		
131	7.1	4.0	12.0
85	69.2	34.0	102.0

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Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 49.746 ug/l

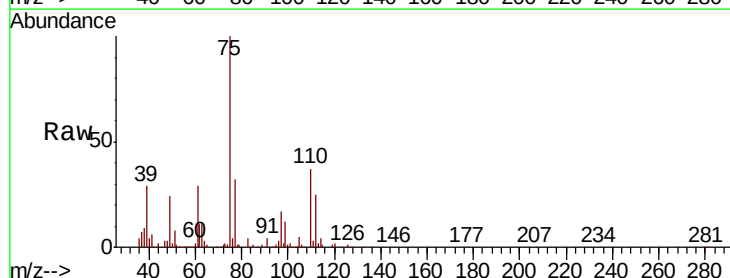
RT: 11.87 min Scan# 1140

Delta R.T. -0.01 min

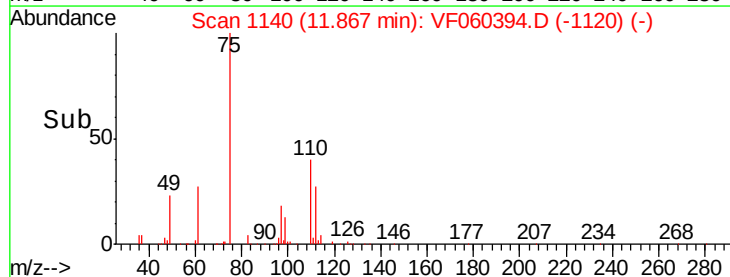
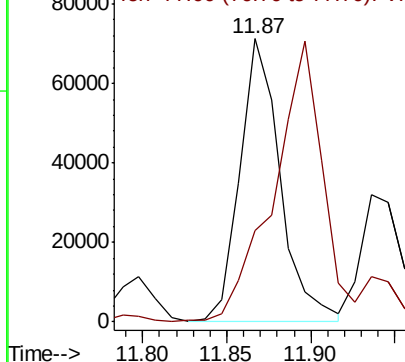
Lab File: VF060394.D

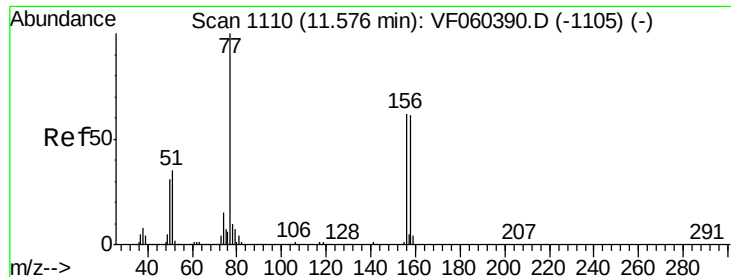
Acq: 1 Oct 2018 21:00

Tgt Ion:	75	Resp:	117752
Ion Ratio	Lower	Upper	
75	100		
77	32.3	18.1	54.4



Abundance Ion 75.00 (74.70 to 75.70): VF0
Ion 77.00 (76.70 to 77.70): VF0





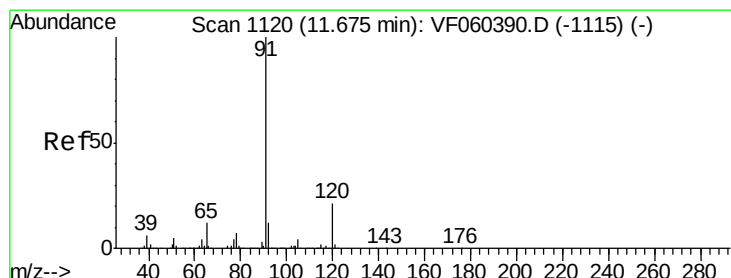
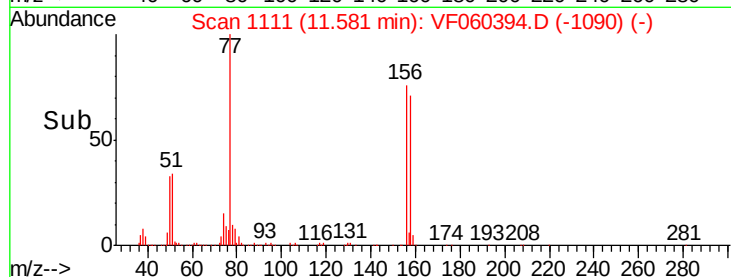
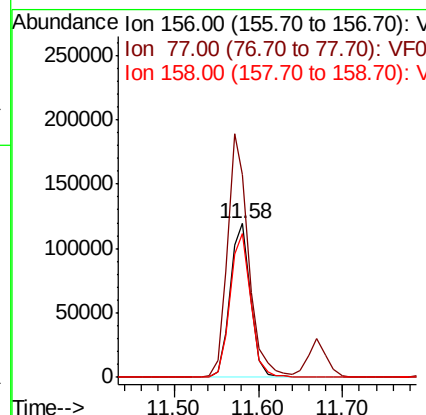
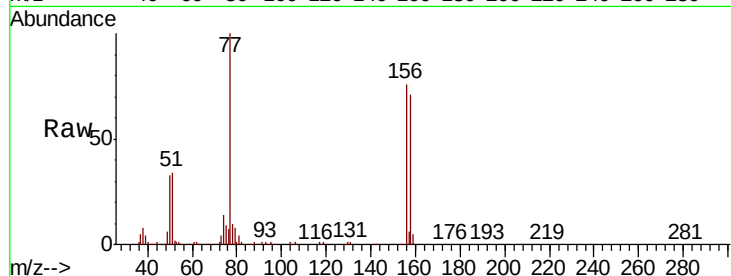
#77
Bromobenzene
Concen: 51.037 ug/l
RT: 11.58 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.3	81.3	243.9
158	93.5	49.6	149.0

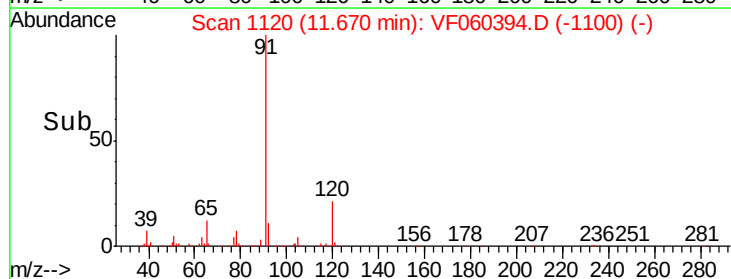
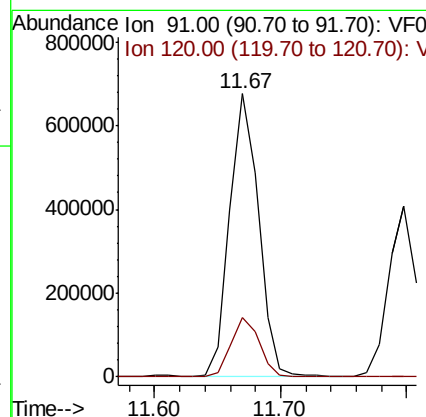
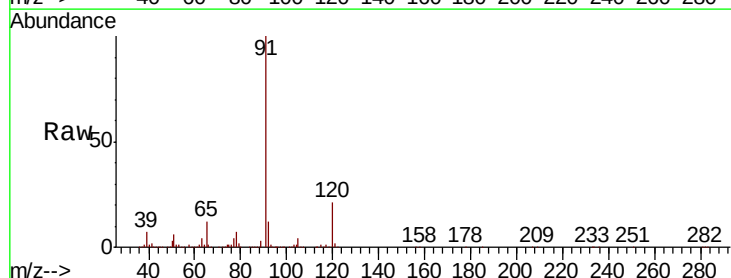
Manual Integrations
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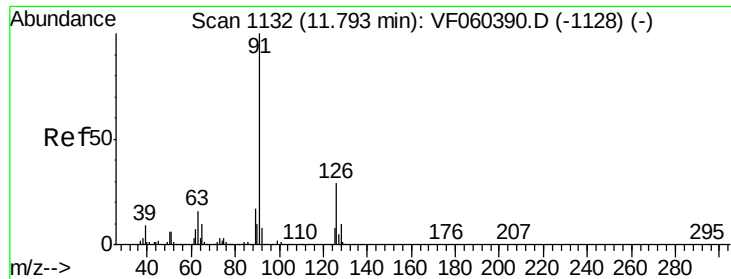
apatel
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#78
n-propylbenzene
Concen: 50.063 ug/l
RT: 11.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.0	10.5	31.6





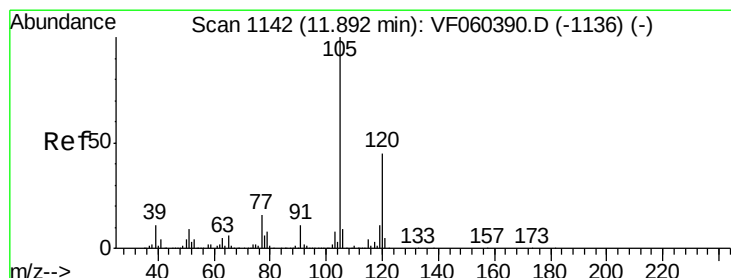
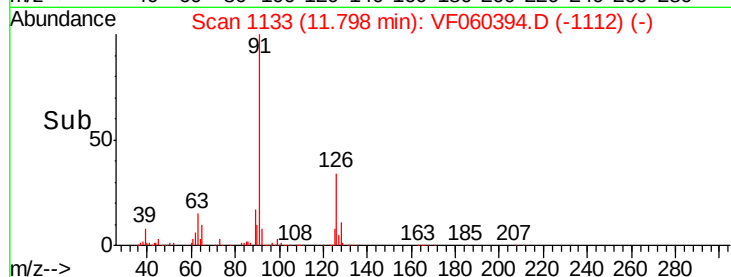
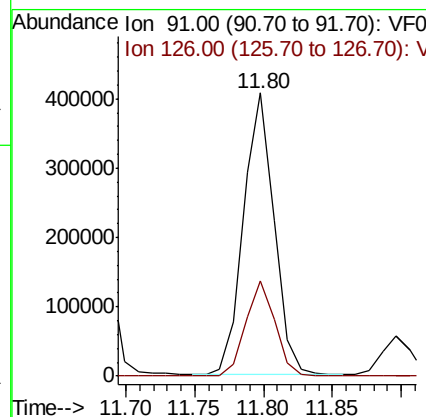
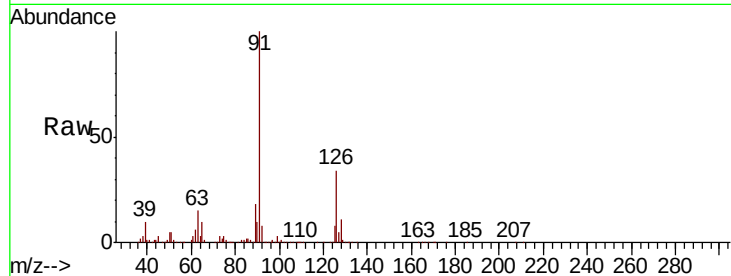
#79
 2-Chlorotoluene
 Concen: 50.330 ug/l
 RT: 11.80 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF100118

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.8	14.4	43.4

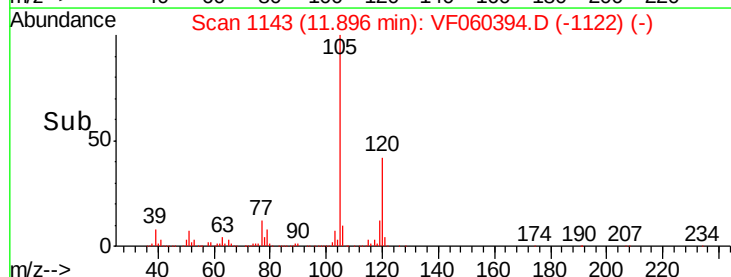
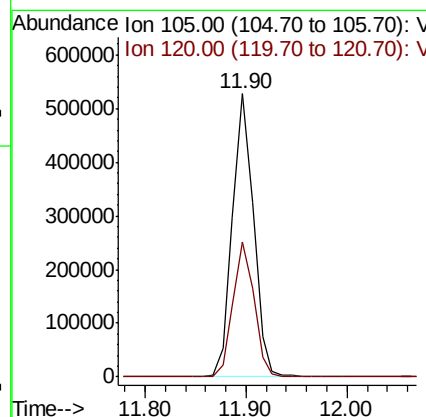
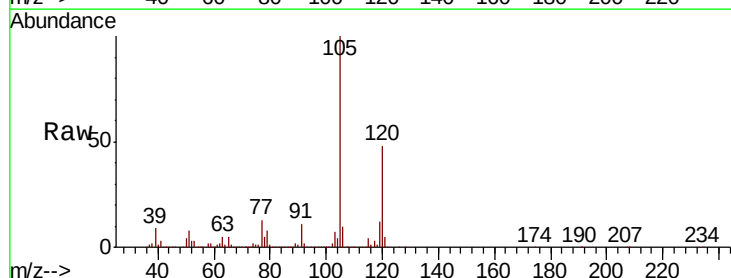
Manual Integrations
 APPROVED

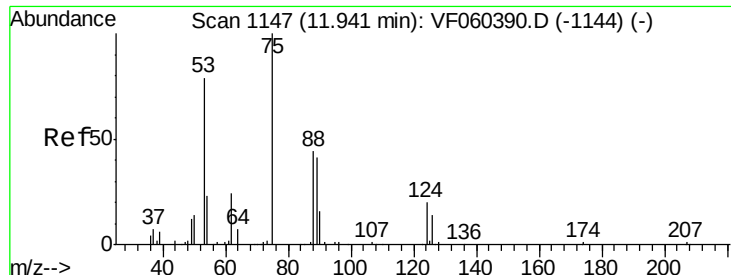
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.391 ug/l
 RT: 11.90 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.3	66.9





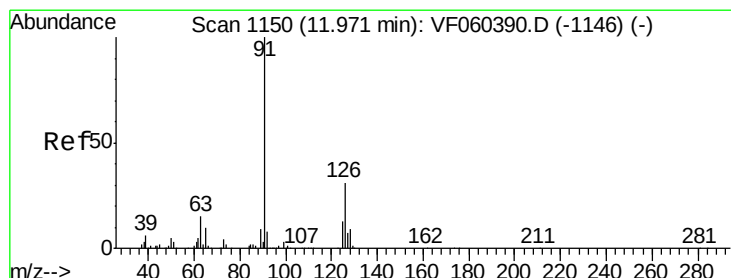
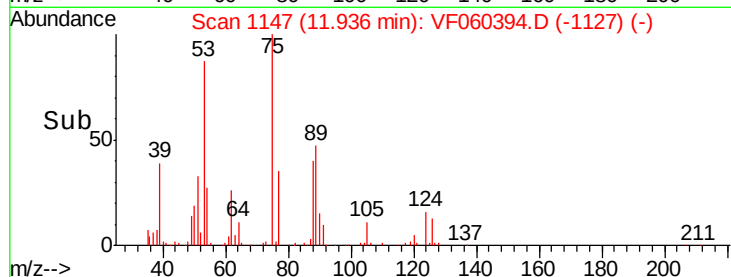
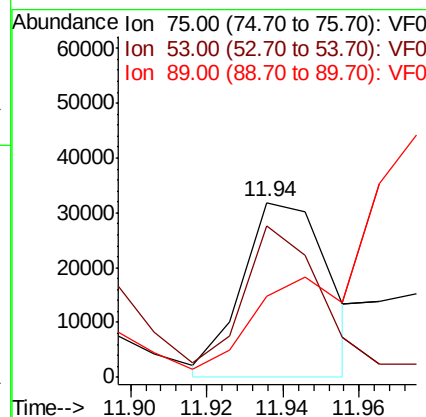
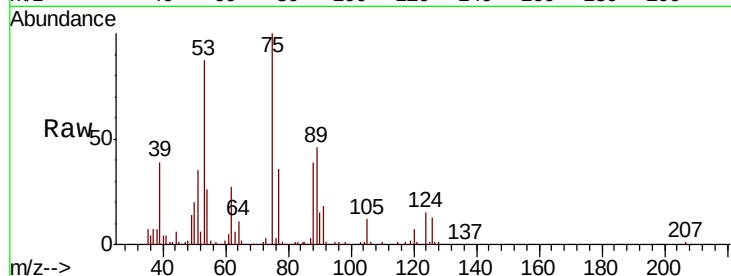
#81
trans-1,4-Dichloro-2-butene
Concen: 48.316 ug/l m
RT: 11.94 min Scan# 1147
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.5	67.8	101.8
89	46.4	36.7	55.1

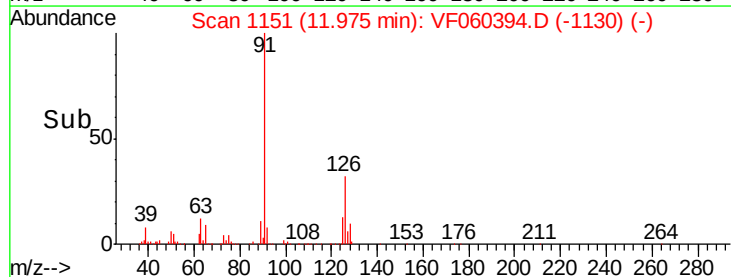
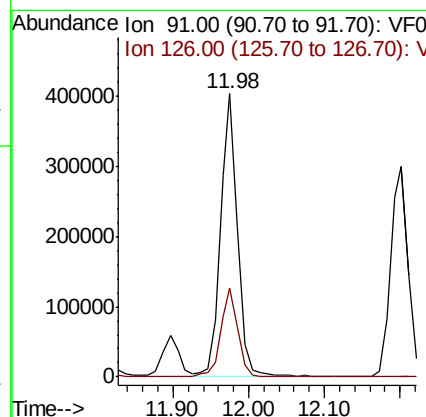
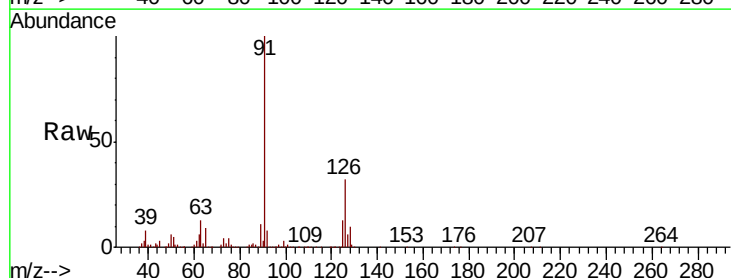
Manual Integrations
APPROVED

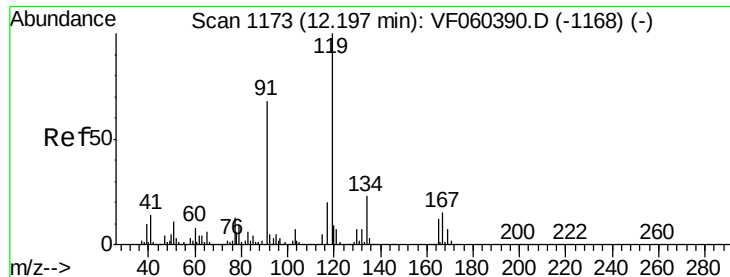
apatel
10/2/2018 12:29:50 PM



#82
4-Chlorotoluene
Concen: 49.399 ug/l
RT: 11.98 min Scan# 1151
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.7	47.0





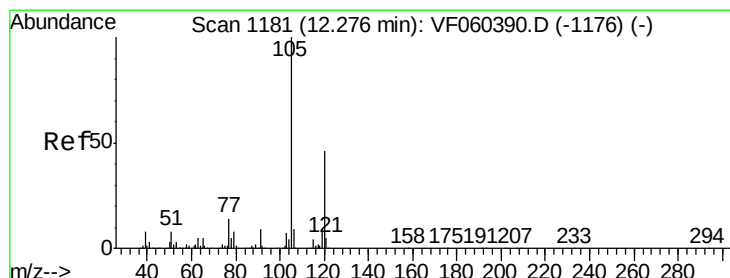
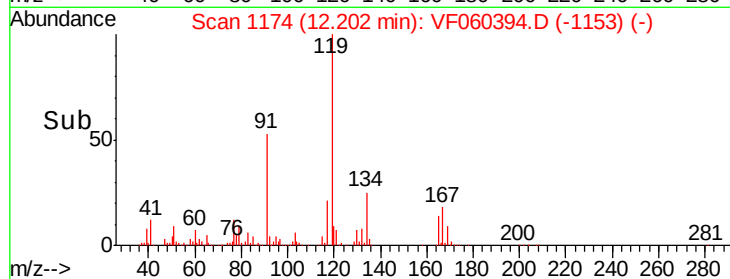
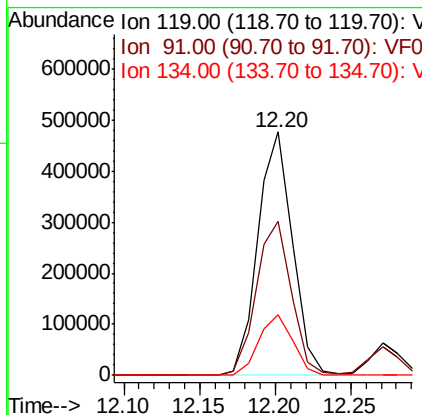
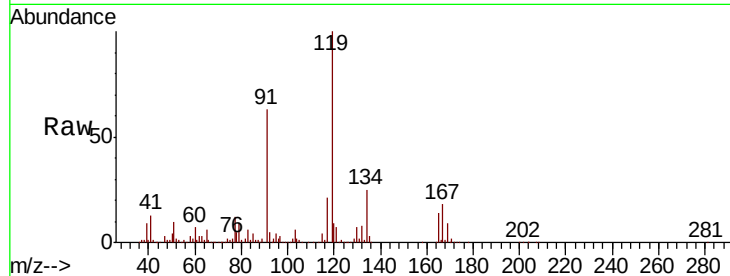
#83
 tert-Butylbenzene
 Concen: 51.721 ug/l
 RT: 12.20 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF100118

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.0	34.0	102.0
134	24.7	11.7	35.0

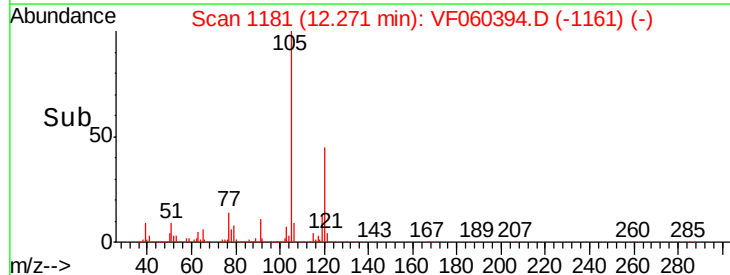
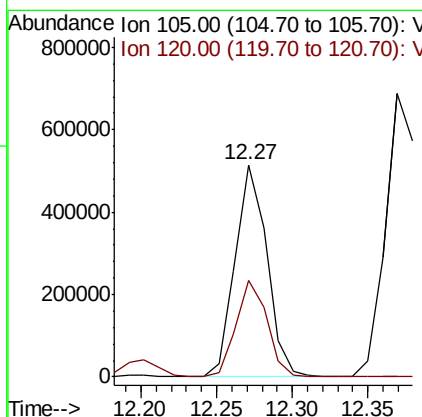
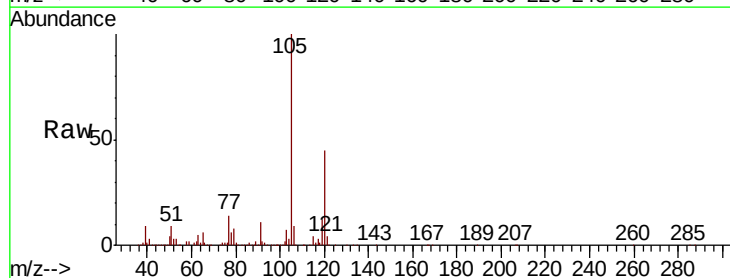
Manual Integrations
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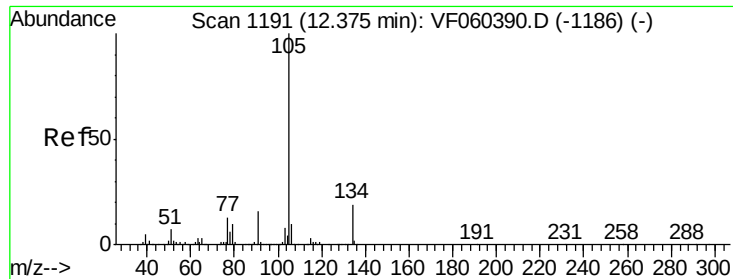
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.894 ug/l
 RT: 12.27 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.1	69.2





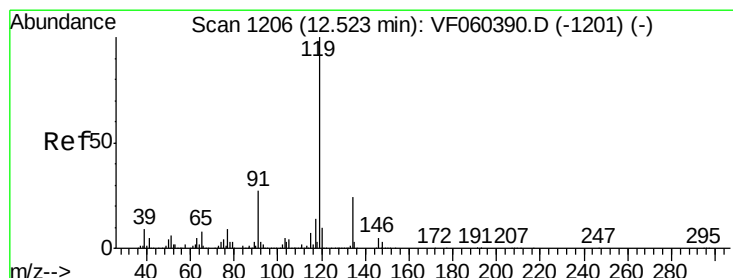
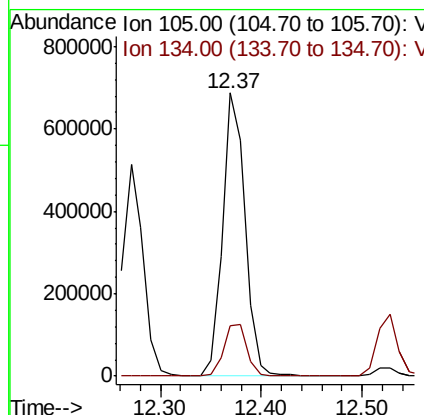
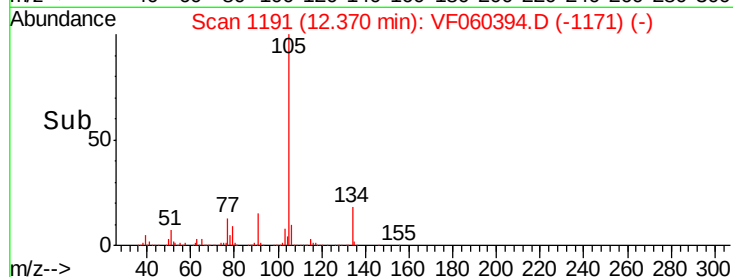
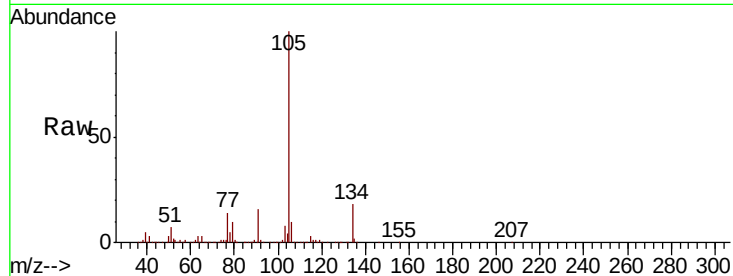
#85
 sec-Butylbenzene
 Concen: 52.104 ug/l
 RT: 12.37 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF100118

Tot Ion:105 Resp: 1062879
 Ion Ratio Lower Upper
 105 100
 134 17.9 9.4 28.3

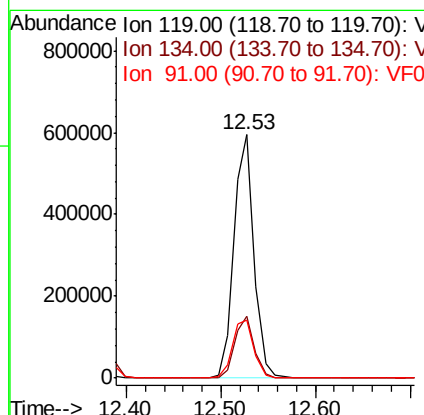
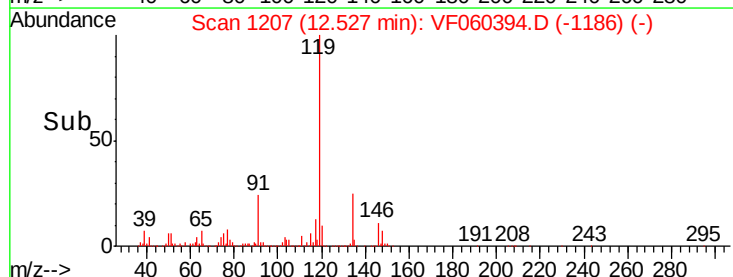
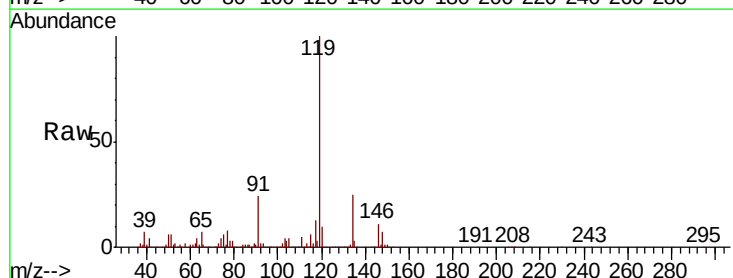
Manual Integrations
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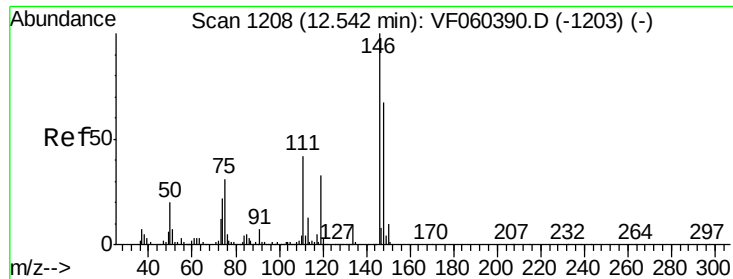
apatel
 10/2/2018 12:29:50 PM



#86
 p-Isopropyltoluene
 Concen: 51.958 ug/l
 RT: 12.53 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Tgt Ion:119 Resp: 865904
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.3 36.8
 91 23.7 13.5 40.4





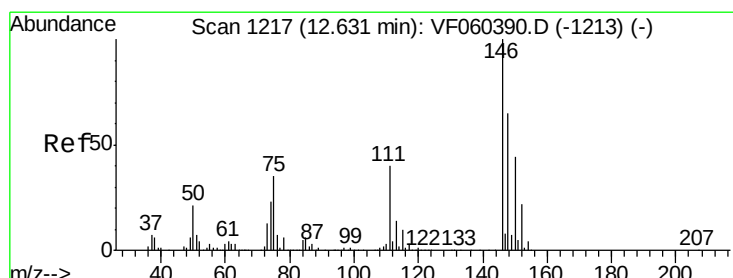
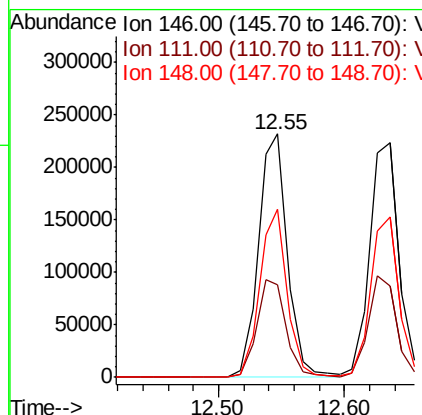
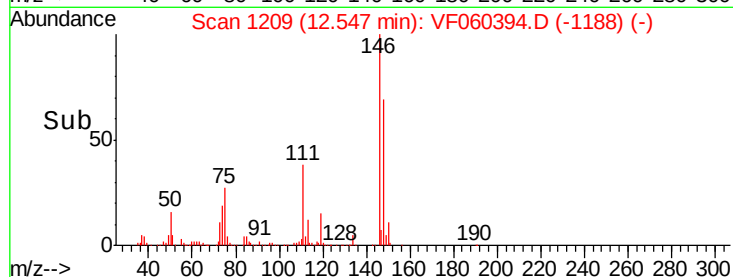
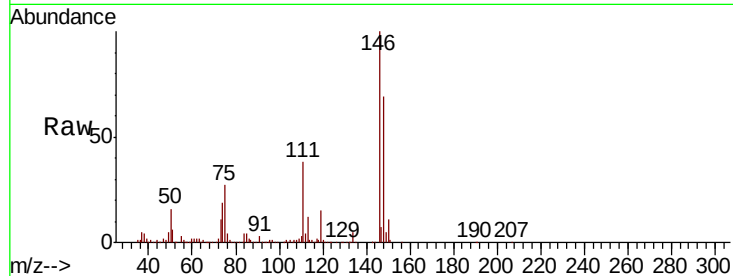
#87
 1,3-Dichlorobenzene
 Concen: 49.869 ug/l
 RT: 12.55 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF100118

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.9	62.7
148	68.9	33.6	100.8

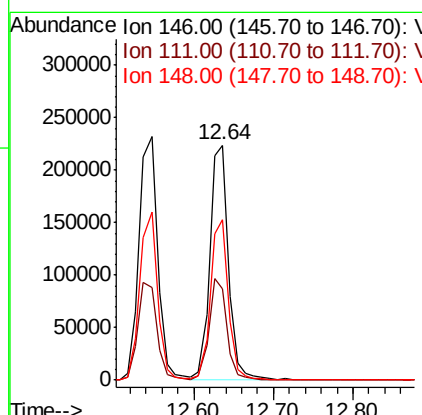
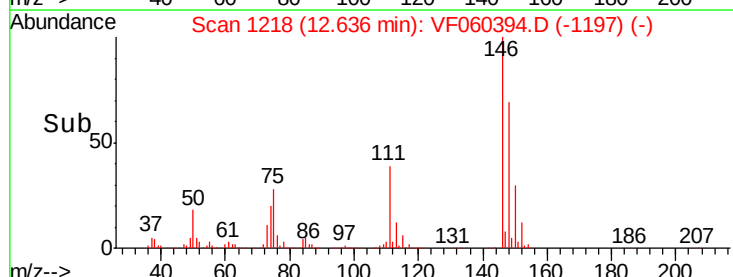
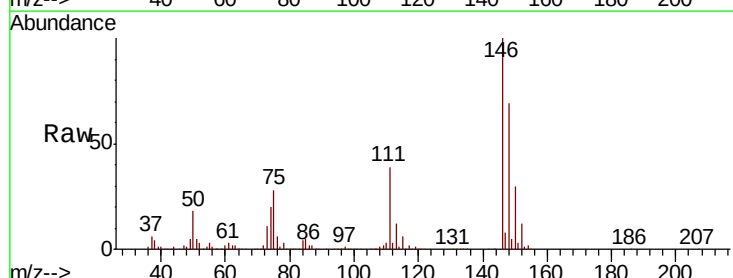
Manual Integrations
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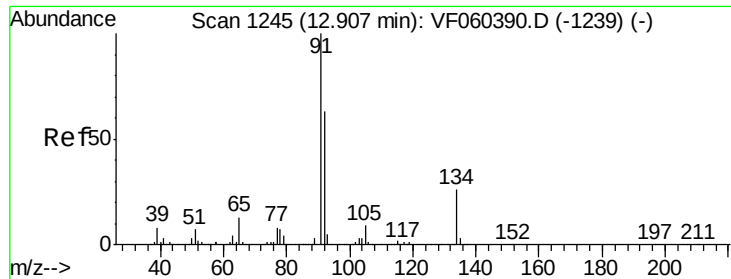
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 50.455 ug/l
 RT: 12.64 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.2	60.6
148	68.5	32.6	97.8





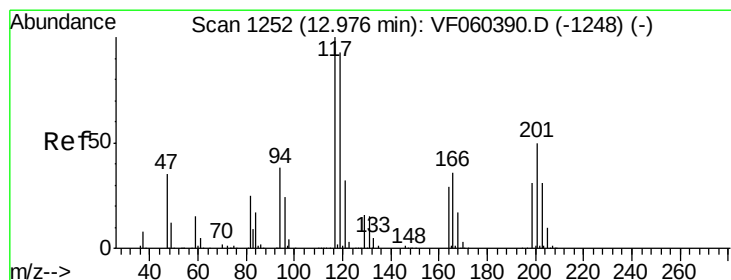
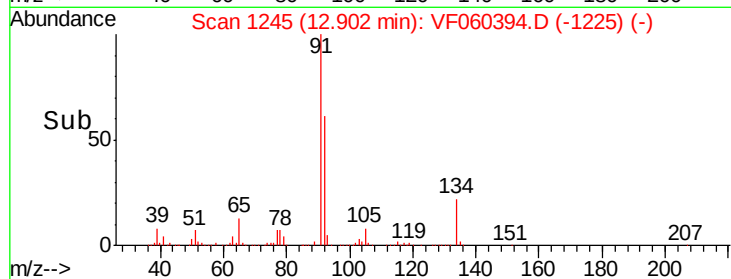
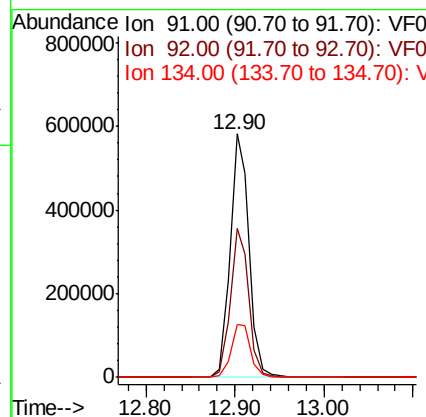
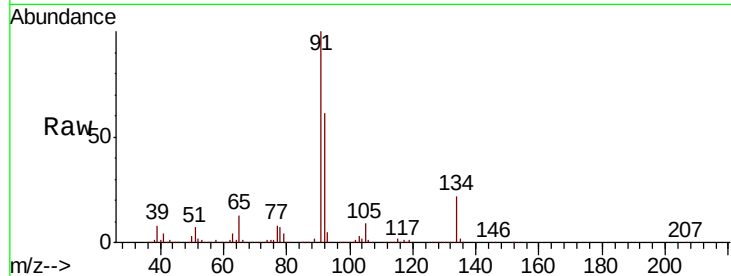
#89
n-Butylbenzene
Concen: 49.453 ug/l
RT: 12.90 min Scan# 1245
Delta R.T. -0.01 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Instrument :
MSVOA_F
ClientSampleId :
ICVVF100118

Tot Ion	Ratio	Lower	Upper
91	100		
92	61.4	31.3	93.9
134	21.7	13.0	38.9

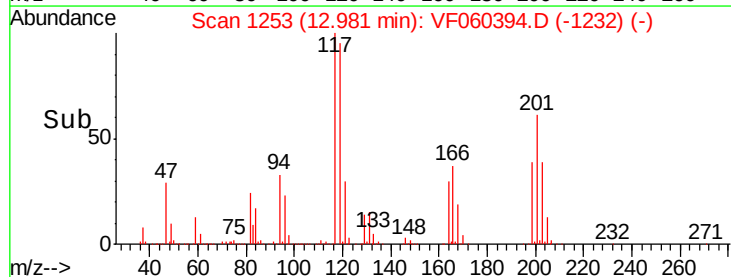
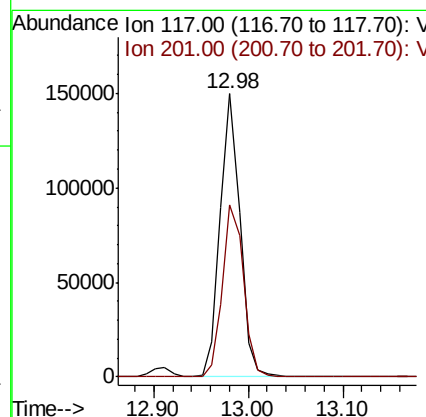
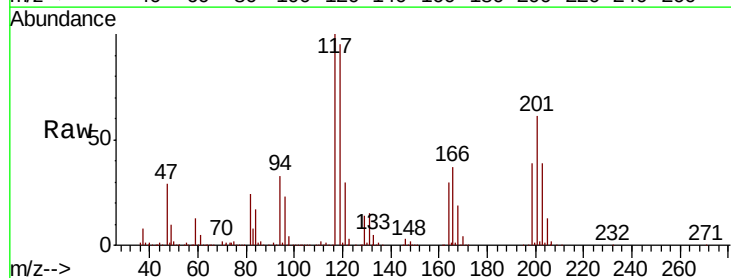
Manual Integrations
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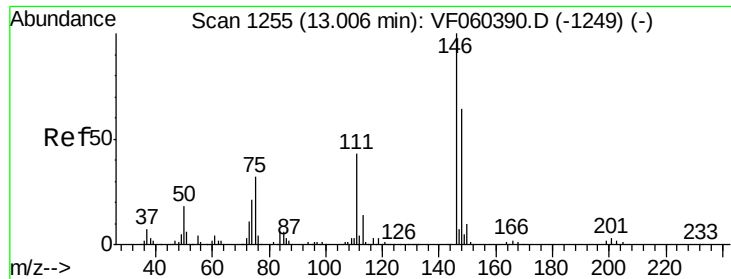
apatel
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#90
Hexachloroethane
Concen: 51.037 ug/l
RT: 12.98 min Scan# 1253
Delta R.T. 0.00 min
Lab File: VF060394.D
Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	60.6	25.5	76.5





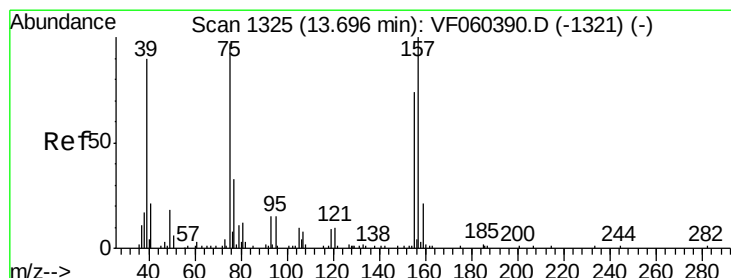
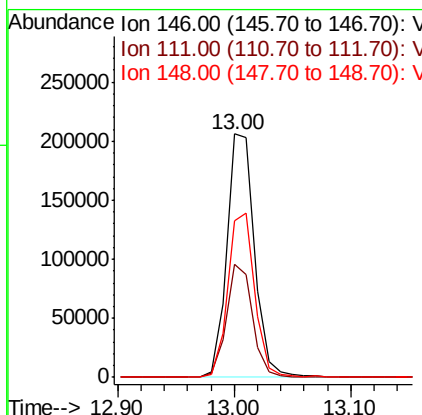
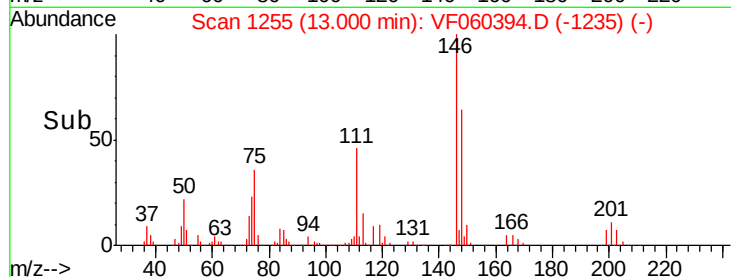
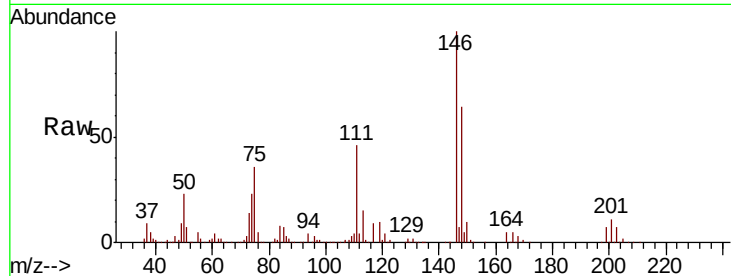
#91
 1,2-Dichlorobenzene
 Concen: 47.501 ug/l
 RT: 13.00 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF100118

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	21.3	64.0
148	64.3	32.2	96.6

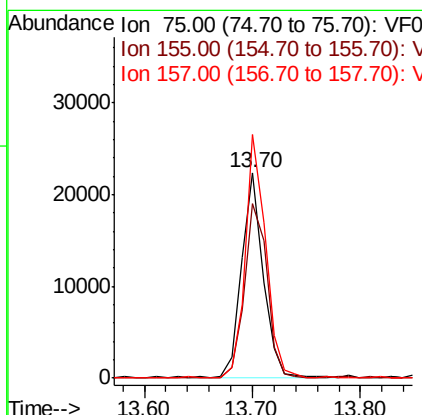
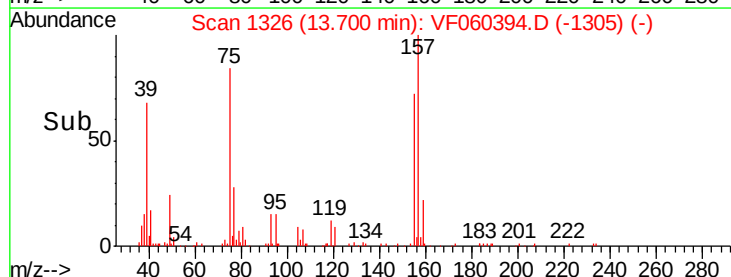
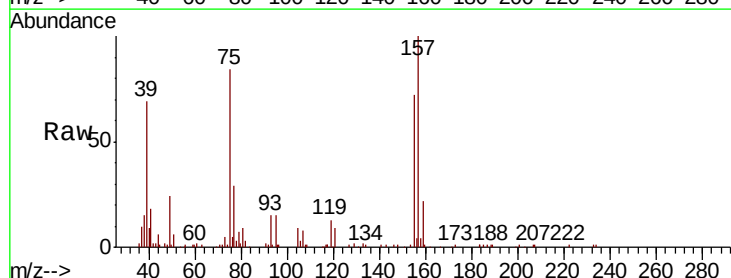
Manual Integrations
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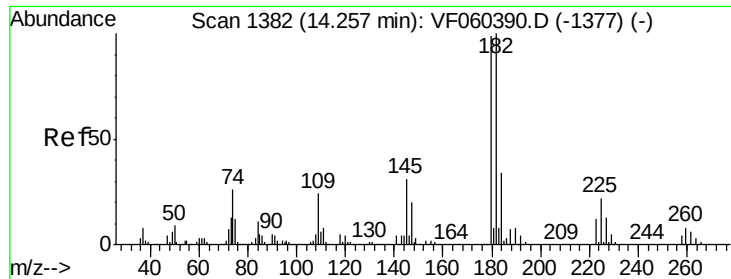
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.693 ug/l
 RT: 13.70 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	37.9	113.6
157	118.5	51.3	154.0





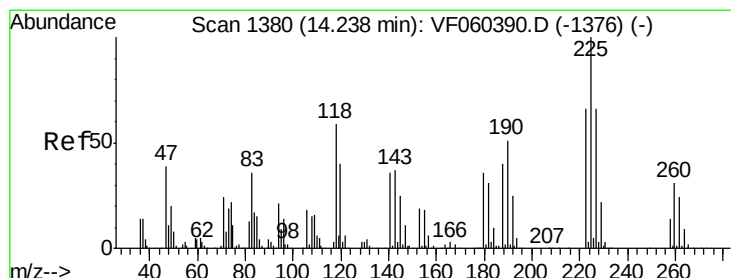
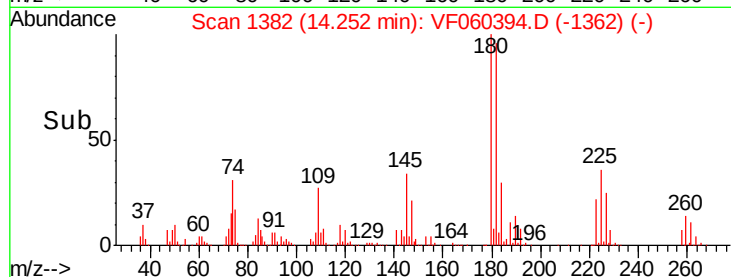
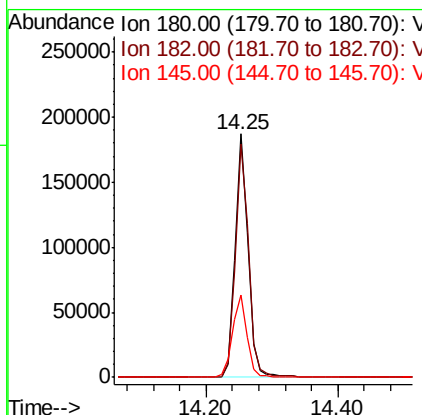
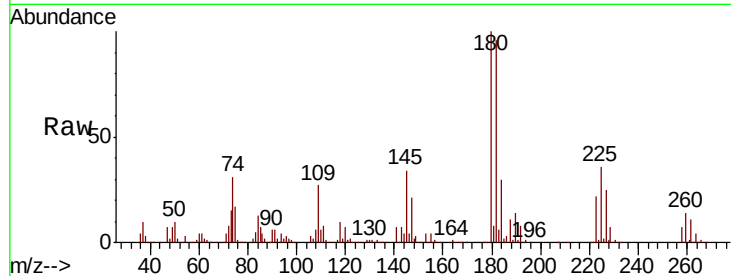
#93
 1,2,4-Trichlorobenzene
 Concen: 49.025 ug/l
 RT: 14.25 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF100118

Tot Ion	Ratio	Resp	Lower	Upper
180	100	260451		
182	95.7	50.3	150.9	
145	33.9	15.5	46.5	

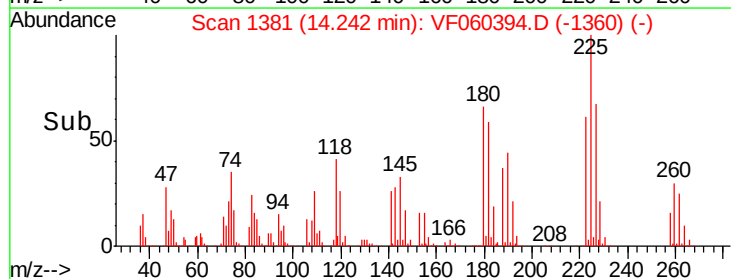
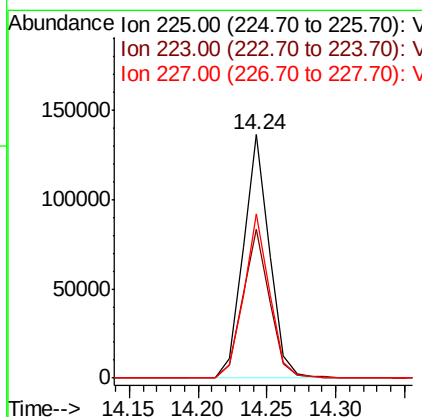
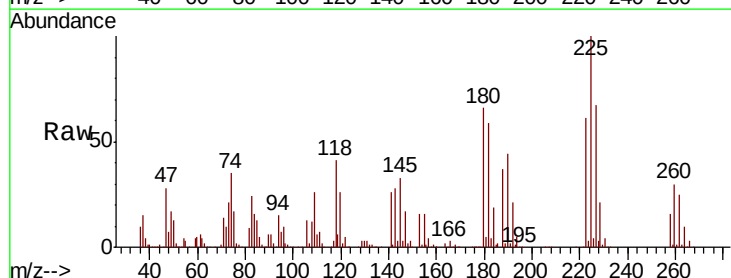
Manual Integrations
 APPROVED

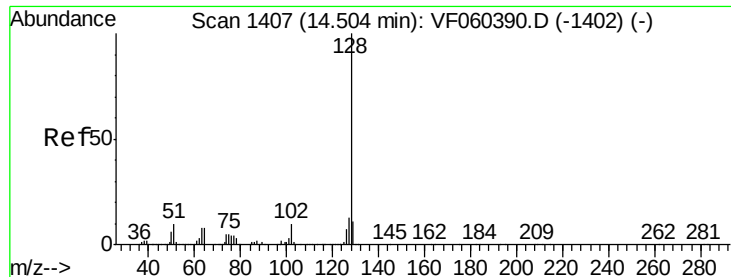
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 10/2/2018 12:29:50 PM



#94
 Hexachlorobutadiene
 Concen: 48.546 ug/l
 RT: 14.24 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VF060394.D
 Acq: 1 Oct 2018 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	180003		
223	61.4	32.8	98.4	
227	67.2	33.0	99.0	





#95

Naphthalene

Concen: 56.479 ug/l

RT: 14.51 min Scan# 1408

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Instrument :

MSVOA_F

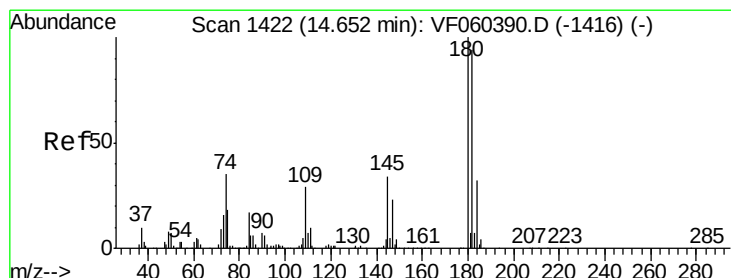
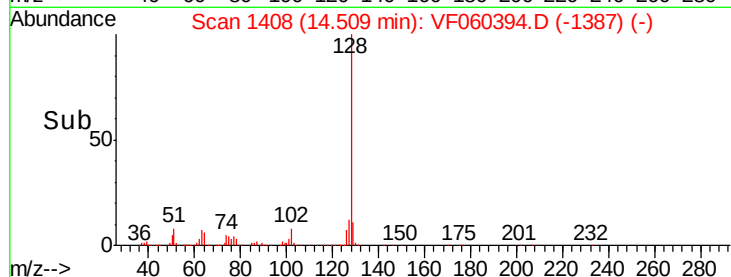
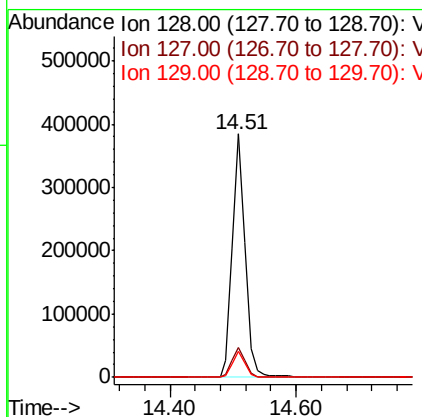
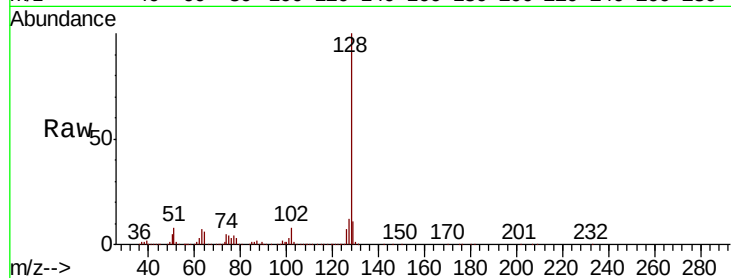
ClientSampleId :

ICVVF100118

Tot Ion:	128	Resp:	536479
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
10/2/2018 12:29:50 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.200 ug/l

RT: 14.66 min Scan# 1423

Delta R.T. 0.00 min

Lab File: VF060394.D

Acq: 1 Oct 2018 21:00

Tgt Ion:	180	Resp:	264939
Ion Ratio	Lower	Upper	
180	100		
182	99.6	46.8	140.3
145	30.9	16.9	50.6

