

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
 Data File : VF060791.D
 Acq On : 19 Nov 2018 22:24
 Operator : VA/AP
 Sample : J5950-08MS
 Misc : 6.38g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MS

Manual Integrations
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 11/21/2018 10:39:15 AM

Quant Time: Nov 20 03:15:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	168446	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	283193	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.78	117	251105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	114284	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.85	65	90188	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
35) Dibromofluoromethane	4.12	113	102838	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	7.56	98	293231	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
62) 4-Bromofluorobenzene	11.42	95	134146	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	138501	45.944	ug/l	98
3) Chloromethane	1.10	50	97741	52.280	ug/l	94
4) Vinyl Chloride	1.14	62	90376	54.038	ug/l	94
5) Bromomethane	1.32	94	57079	53.728	ug/l	96
6) Chloroethane	1.37	64	39081	59.725	ug/l	96
7) Trichlorofluoromethane	1.49	101	192692	52.102	ug/l	95
8) Diethyl Ether	1.63	74	24330	51.345	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	1.82	101	92094	52.842	ug/l	99
10) Methyl Iodide	1.89	142	149726	53.545	ug/l	96
11) Tert butyl alcohol	2.57	59	21973	251.289	ug/l	97
12) 1,1-Dichloroethene	1.78	96	78079	56.816	ug/l	98
13) Acrolein	2.00	56	14517	181.572	ug/l	99
14) Allyl chloride	2.10	41	130924	54.382	ug/l	91
15) Acrylonitrile	2.95	53	48321	259.338	ug/l	97
16) Acetone	2.24	43	107239	261.132	ug/l	93
17) Carbon Disulfide	1.83	76	227192	54.699	ug/l	99
18) Methyl Acetate	2.34	43	37907	56.214	ug/l	94
19) Methyl tert-butyl Ether	2.43	73	169605	51.445	ug/l	93
20) Methylene Chloride	2.19	84	75686m	55.784	ug/l	
21) trans-1,2-Dichloroethene	2.32	96	82909	57.745	ug/l	94
22) Diisopropyl ether	2.81	45	243761	52.444	ug/l	98
23) Vinyl Acetate	3.19	43	509133	232.614	ug/l	98
24) 1,1-Dichloroethane	2.88	63	157656	56.026	ug/l	100
25) 2-Butanone	4.34	43	173425	256.742	ug/l	99
26) 2,2-Dichloropropane	3.61	77	101358	45.772	ug/l	98
27) cis-1,2-Dichloroethene	3.48	96	130976	53.625	ug/l	98
28) Bromochloromethane	3.73	49	74838	51.174	ug/l	98
29) Tetrahydrofuran	4.08	42	66680	239.318	ug/l	95
30) Chloroform	3.86	83	226997	50.277	ug/l	99
31) Cyclohexane	3.71	56	152754	44.726	ug/l	95
32) 1,1,1-Trichloroethane	4.10	97	179912	50.602	ug/l	99
36) 1,1-Dichloropropene	4.29	75	174504	53.132	ug/l	98
37) Ethyl Acetate	4.11	43	59688	48.882	ug/l	96
38) Carbon Tetrachloride	4.00	117	163535m	51.315	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	135254	35.497	ug/l	94
40) Benzene	4.64	78	395601	54.035	ug/l	97
41) Methacrylonitrile	4.75	41	41244	64.619	ug/l #	90
42) 1,2-Dichloroethane	4.95	62	129760	51.288	ug/l	100
43) Isopropyl Acetate	6.96	43	79768	49.271	ug/l #	95
44) Trichloroethene	5.51	130	118209	51.175	ug/l	94
45) 1,2-Dichloropropane	6.24	63	100887	52.955	ug/l	96
46) Dibromomethane	6.09	93	65554	52.126	ug/l	90
47) Bromodichloromethane	6.39	83	161591	50.318	ug/l	95
48) Methyl methacrylate	6.72	41	52069	48.596	ug/l	99
49) 1,4-Dioxane	6.71	88	9883	986.257	ug/l	95
51) 4-Methyl-2-Pentanone	8.26	43	302767	258.573	ug/l	99
52) Toluene	7.63	92	251622	51.287	ug/l	97
53) t-1,3-Dichloropropene	8.28	75	121974	47.421	ug/l	97
54) cis-1,3-Dichloropropene	7.31	75	156667	46.891	ug/l	99
55) 1,1,2-Trichloroethane	8.50	97	67943	48.469	ug/l	96
56) Ethyl methacrylate	8.63	69	111425	69.990	ug/l	94
57) 1,3-Dichloropropane	8.86	76	119621	49.239	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.63	63	39553	271.975	ug/l	100
59) 2-Hexanone	9.50	43	202624	246.237	ug/l	97
60) Dibromochloromethane	8.72	129	97930	49.019	ug/l	94
61) 1,2-Dibromoethane	8.99	107	73855	50.097	ug/l	97
64) Tetrachloroethene	8.15	164	106237	53.426	ug/l	96
65) Chlorobenzene	9.80	112	260516	51.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.94	131	110679	50.079	ug/l	97
67) Ethyl Benzene	9.91	91	610282	63.896	ug/l	99
68) m/p-Xylenes	10.14	106	545326	159.763	ug/l	99
69) o-Xylene	10.72	106	275699	71.842	ug/l	99
70) Styrene	10.80	104	248542	47.722	ug/l	96
71) Bromoform	10.78	173	47953	48.250	ug/l	93
73) Isopropylbenzene	11.13	105	512148	55.674	ug/l	99
74) N-amyl acetate	11.38	43	135145	64.534	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.71	83	92949	61.115	ug/l	92
76) 1,2,3-Trichloropropane	11.80	75	66568	58.934	ug/l	86
77) Bromobenzene	11.50	156	105348	55.017	ug/l	94
78) n-propylbenzene	11.60	91	665955	62.072	ug/l	96
79) 2-Chlorotoluene	11.73	91	390105	62.561	ug/l	88
80) 1,3,5-Trimethylbenzene	11.83	105	1022703	140.034	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.87	75	26353m	47.490	ug/l	
82) 4-Chlorotoluene	11.90	91	332162	51.997	ug/l	97
83) tert-Butylbenzene	12.14	119	387535	49.976	ug/l	98
84) 1,2,4-Trimethylbenzene	12.21	105	1653284	218.886	ug/l	99
85) sec-Butylbenzene	12.31	105	470725	44.750	ug/l	99
86) p-Isopropyltoluene	12.47	119	416689m	47.430	ug/l	
87) 1,3-Dichlorobenzene	12.49	146	198625	52.124	ug/l	98
88) 1,4-Dichlorobenzene	12.57	146	194393	53.079	ug/l	96
89) n-Butylbenzene	12.85	91	489270	54.572	ug/l #	80
90) Hexachloroethane	12.92	117	84494	39.321	ug/l	91
91) 1,2-Dichlorobenzene	12.95	146	187262	52.192	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.65	75	15330	53.629	ug/l	90

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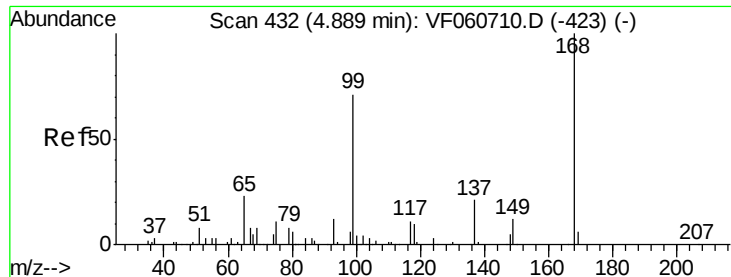
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	105182	40.786	ug/l	94
94) Hexachlorobutadiene	14.19	225	26483	15.715	ug/l	98
95) Naphthalene	14.46	128	620805	131.930	ug/l	100
96) 1,2,3-Trichlorobenzene	14.61	180	93558	39.261	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.02 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

Tot Ion:168 Resp: 168446

Ion Ratio Lower Upper

168 100

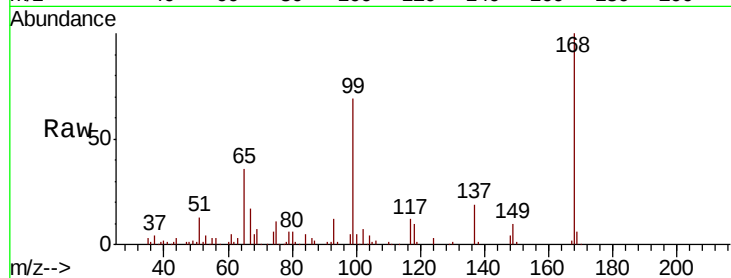
99 69.2 57.2 85.8

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Abundance Ion 168.00 (167.70 to 168.70): VF060791.D (-168) (-)

Ion 99.00 (98.70 to 99.70): VF060791.D (-99) (-)

4.87

60000

50000

40000

30000

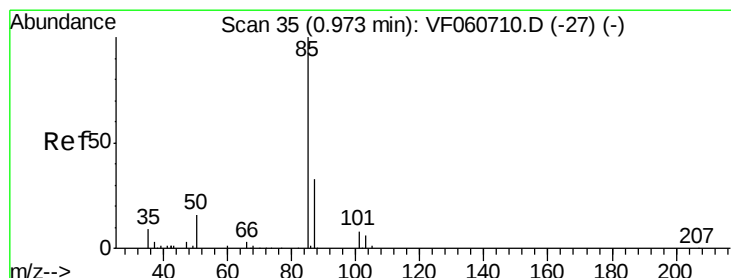
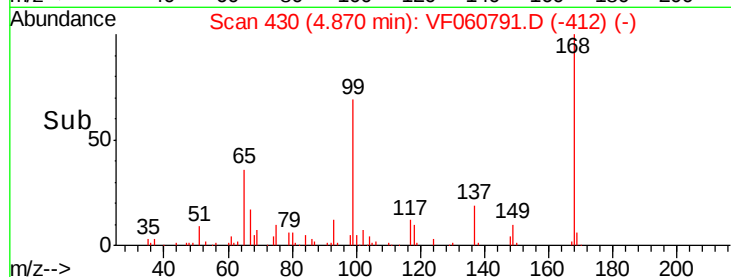
20000

10000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 45.944 ug/l

RT: 0.96 min Scan# 34

Delta R.T. -0.01 min

Lab File: VF060791.D

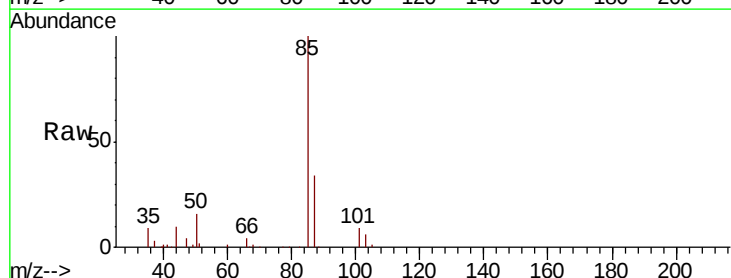
Acq: 19 Nov 2018 22:24

Tgt Ion: 85 Resp: 138501

Ion Ratio Lower Upper

85 100

87 33.6 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VF060791.D (-85) (-)

Ion 87.00 (86.70 to 87.70): VF060791.D (-87) (-)

0.96

50000

40000

30000

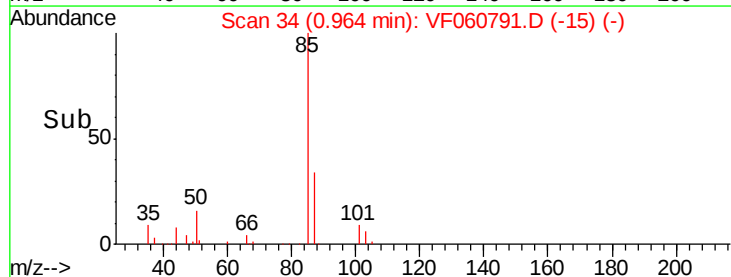
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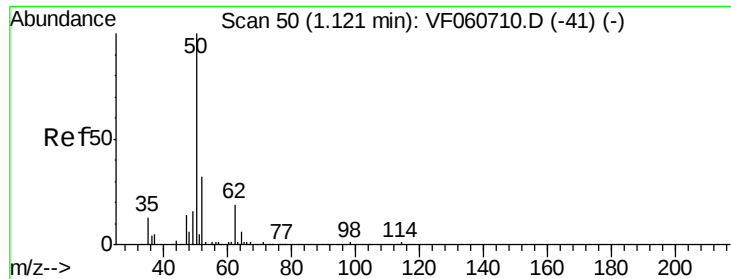
10000

0

0.80 0.90 1.00 1.10 1.20

Time-->





#3

Chloromethane

Concen: 52.280 ug/l

RT: 1.10 min Scan# 48

Delta R.T. -0.02 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

Tot Ion: 50 Resp: 97741

Ion Ratio Lower Upper

50 100

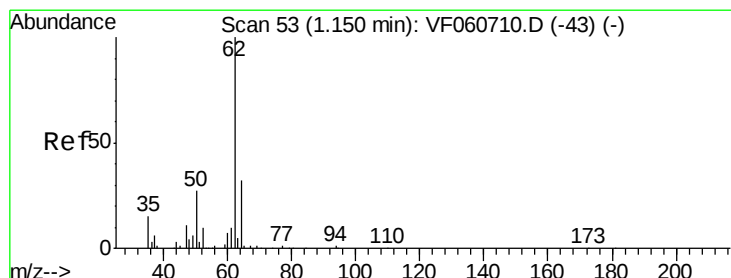
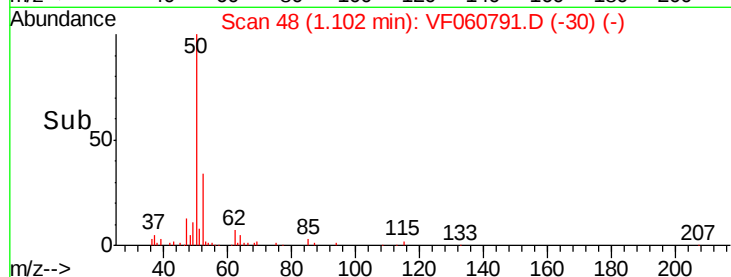
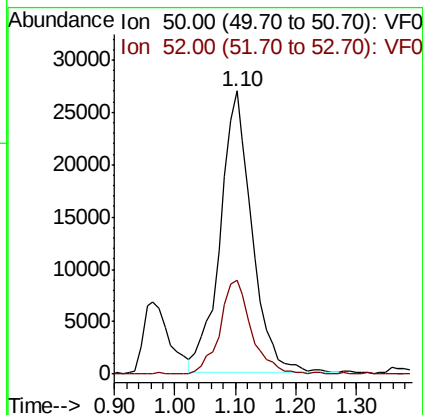
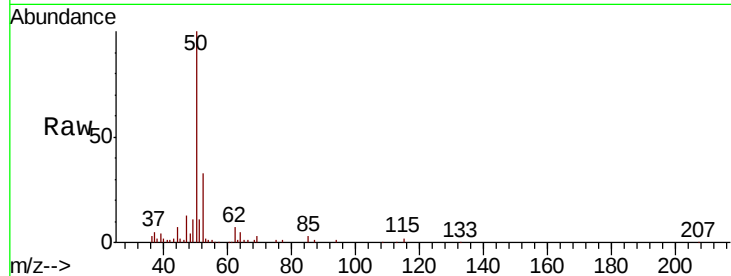
52 33.4 24.2 36.2

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#4

Vinyl Chloride

Concen: 54.038 ug/l

RT: 1.14 min Scan# 52

Delta R.T. -0.01 min

Lab File: VF060791.D

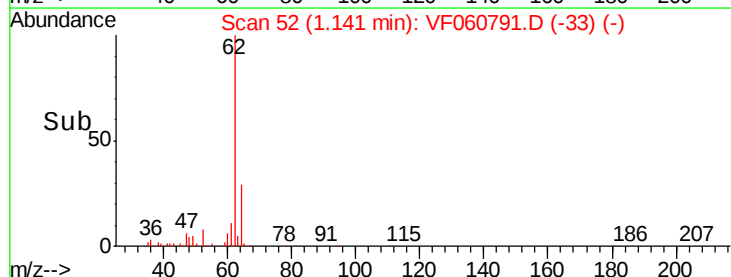
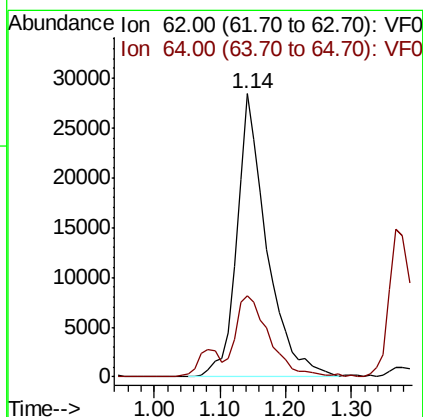
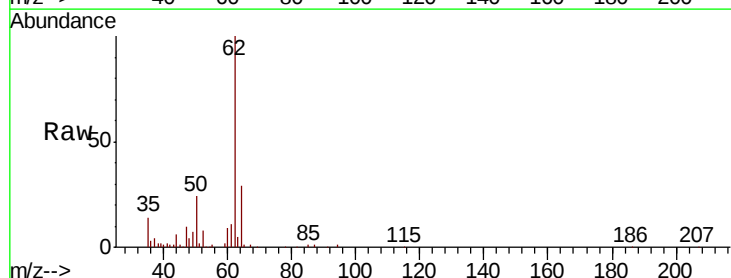
Acq: 19 Nov 2018 22:24

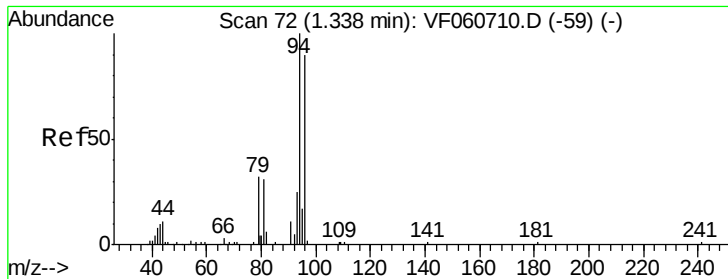
Tgt Ion: 62 Resp: 90376

Ion Ratio Lower Upper

62 100

64 28.8 25.8 38.8





#5

Bromomethane

Concen: 53.728 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.02 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

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ClientSampleId :

SSI-21-TW-2MS

Tot Ion: 94 Resp: 57079

Ion Ratio Lower Upper

94 100

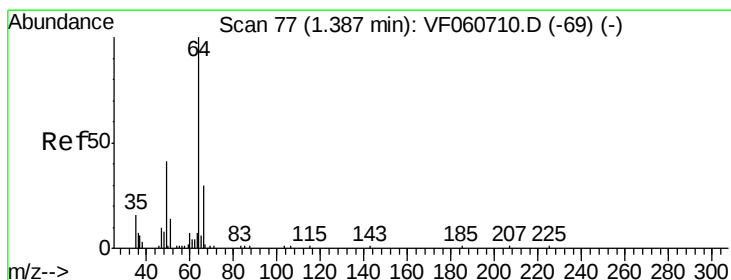
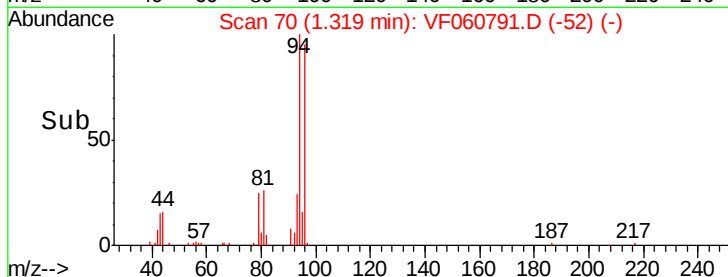
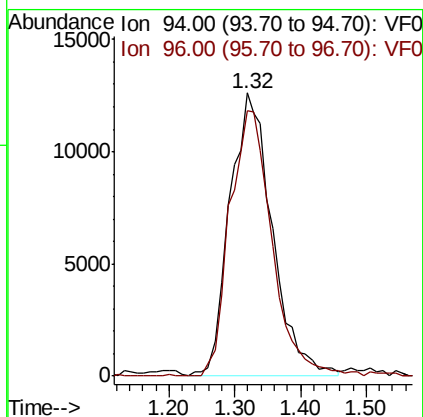
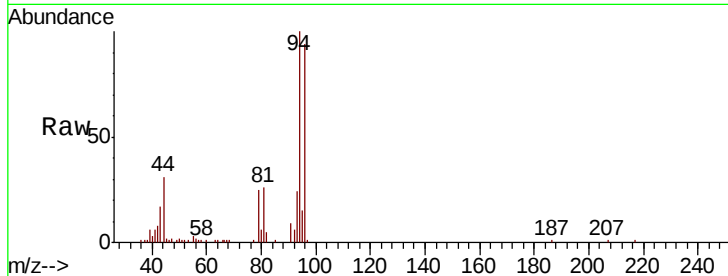
96 93.9 71.9 107.9

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#6

Chloroethane

Concen: 59.725 ug/l

RT: 1.37 min Scan# 75

Delta R.T. -0.02 min

Lab File: VF060791.D

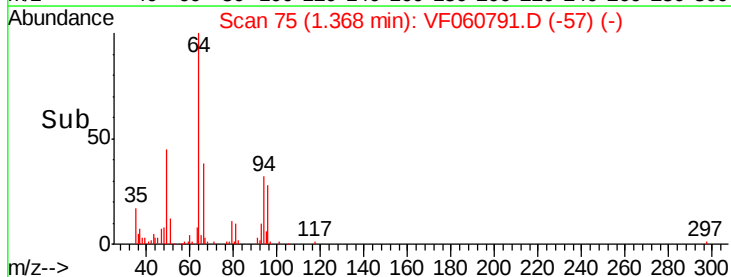
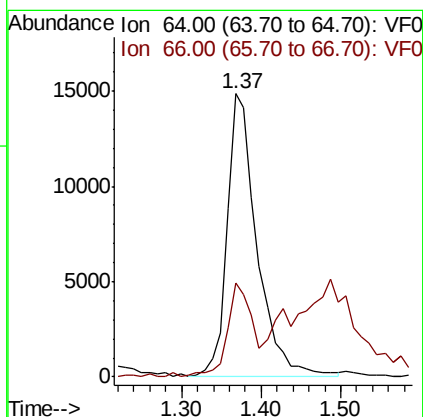
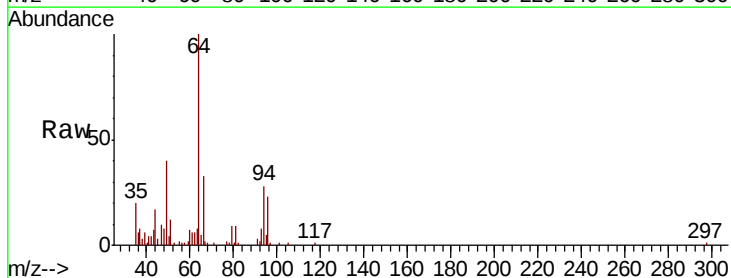
Acq: 19 Nov 2018 22:24

Tgt Ion: 64 Resp: 39081

Ion Ratio Lower Upper

64 100

66 33.3 24.8 37.2





#7

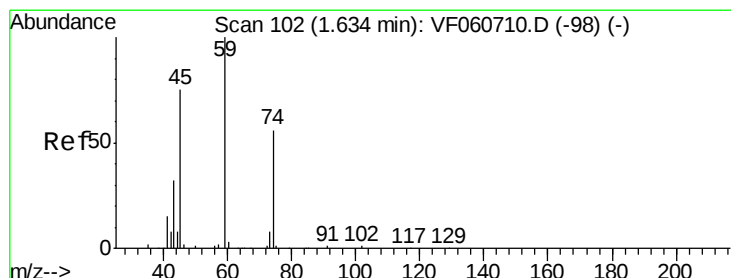
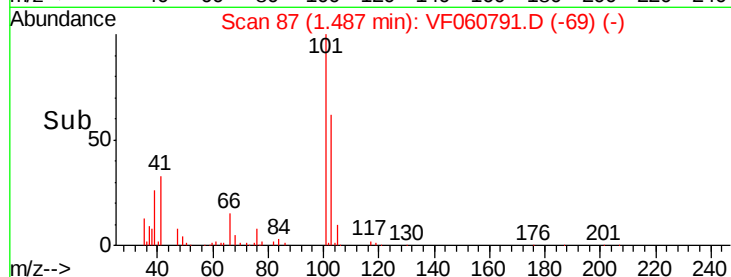
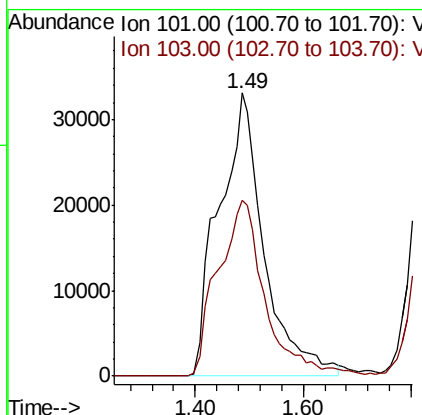
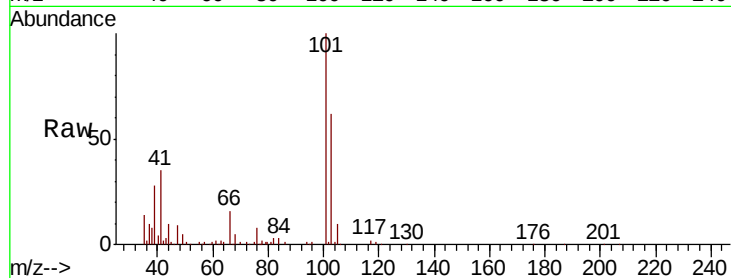
Trichlorofluoromethane
 Concen: 52.102 ug/l
 RT: 1.49 min Scan# 87
 Delta R.T. -0.02 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

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 SSI-21-TW-2MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	53.1	79.7

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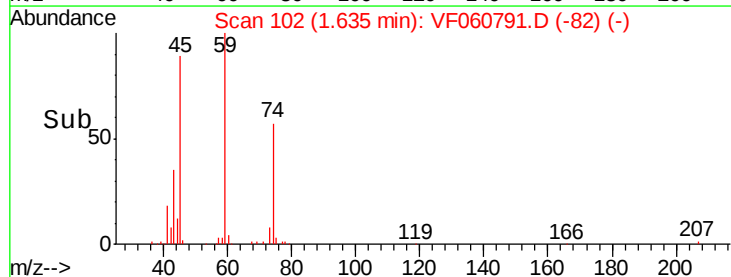
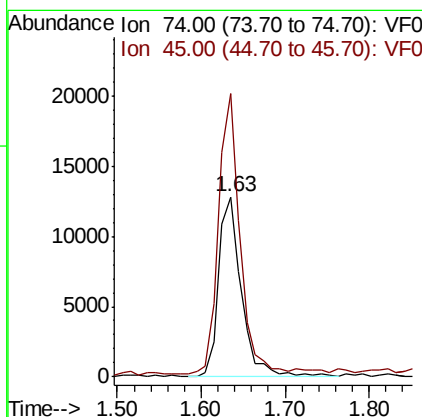
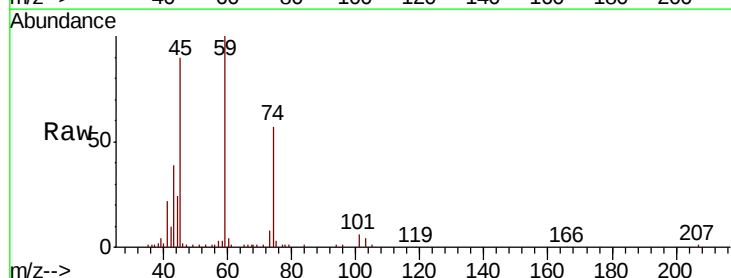
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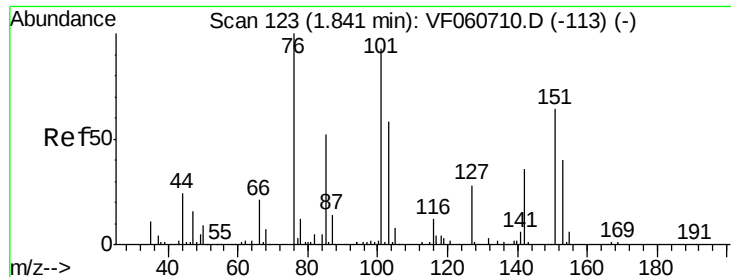


#8

Diethyl Ether
 Concen: 51.345 ug/l
 RT: 1.63 min Scan# 102
 Delta R.T. 0.00 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	157.0	67.7	203.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.842 ug/l

RT: 1.82 min Scan# 121

Delta R.T. -0.02 min

Lab File: VF060791.D

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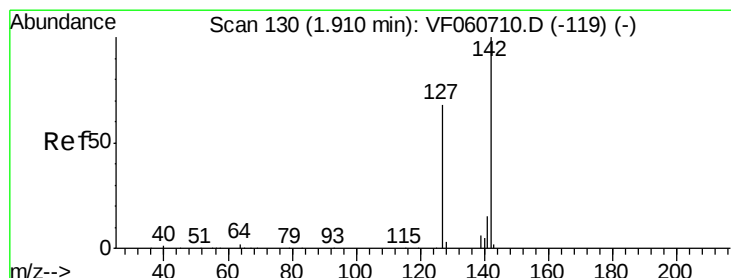
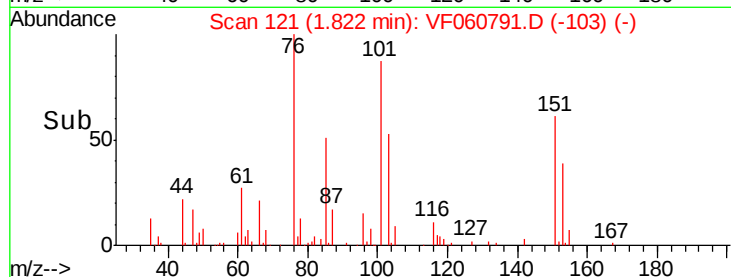
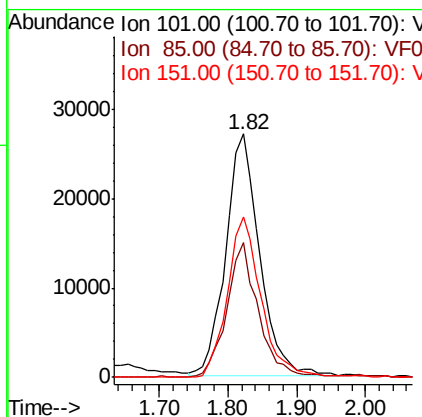
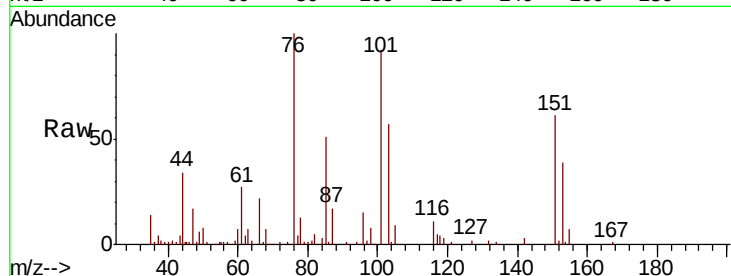
ClientSampleId :

SSI-21-TW-2MS

Tot Ion:	101	Resp:	92094
Ion Ratio	Lower	Upper	
101	100		
85	55.1	43.6	65.4
151	65.9	53.1	79.7

Manual Integrations
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#10

Methyl Iodide

Concen: 53.545 ug/l

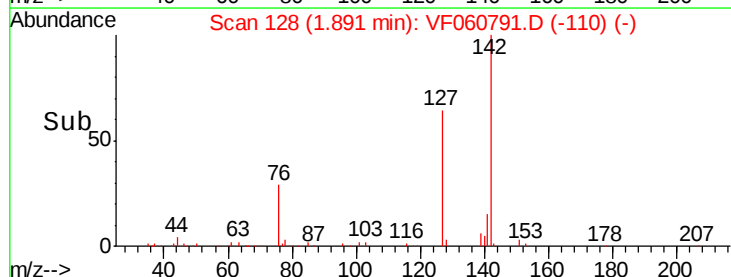
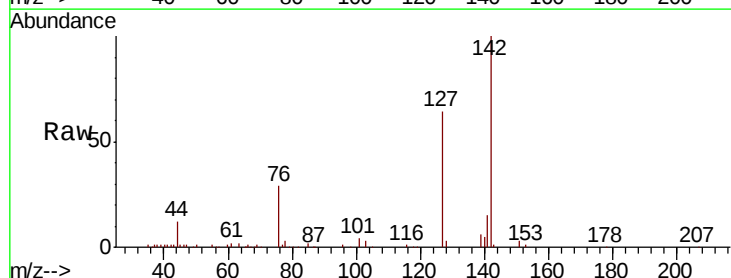
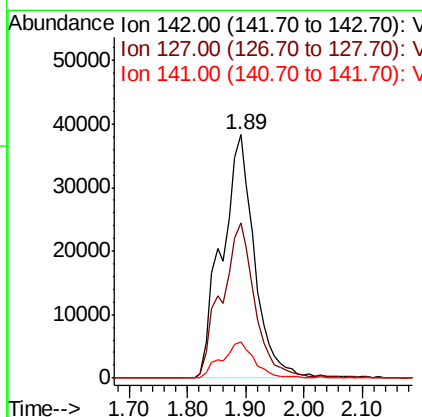
RT: 1.89 min Scan# 128

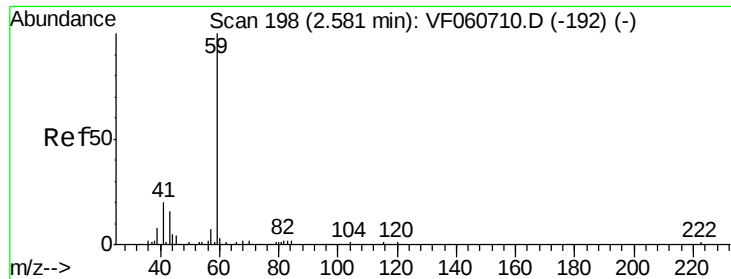
Delta R.T. -0.02 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Tgt Ion:	142	Resp:	149726
Ion Ratio	Lower	Upper	
142	100		
127	63.8	54.0	81.0
141	14.8	12.3	18.5





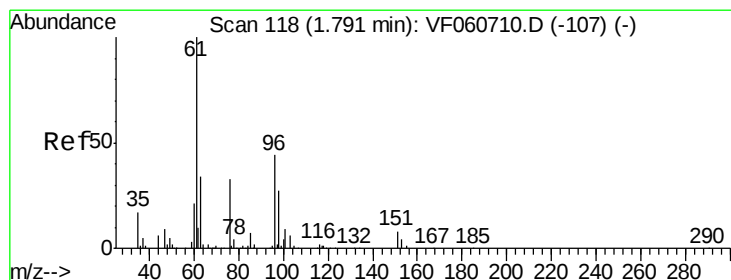
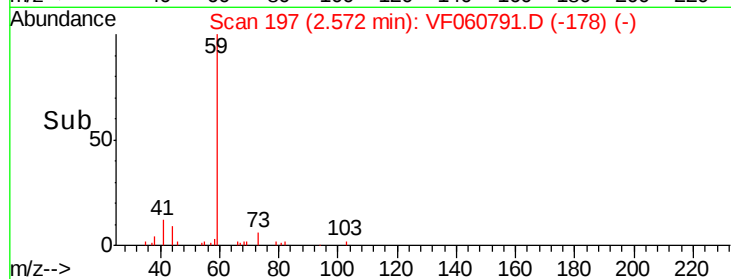
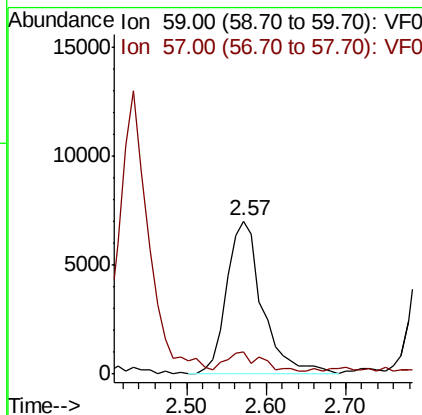
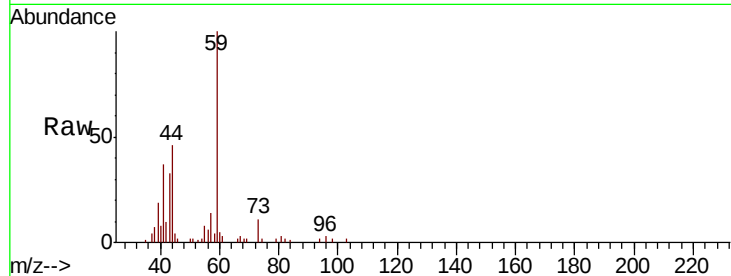
#11
Tert butyl alcohol
Concen: 251.289 ug/l
RT: 2.57 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion: 59 Resp: 21973
Ion Ratio Lower Upper
59 100
57 14.3 10.5 15.7

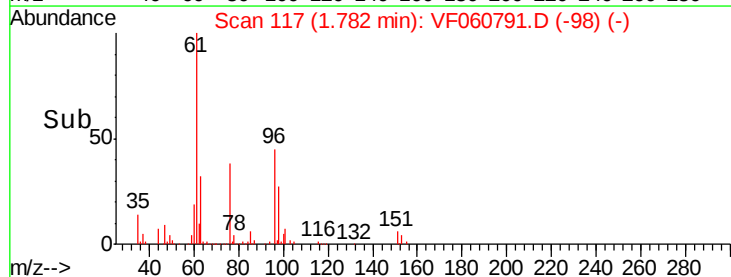
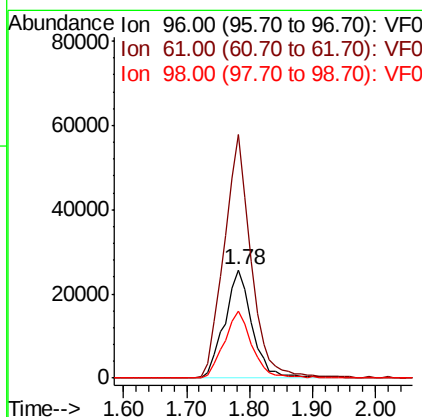
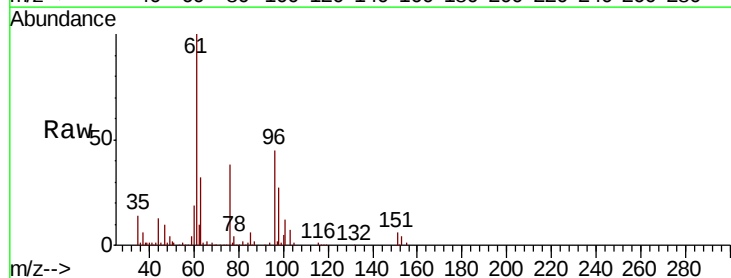
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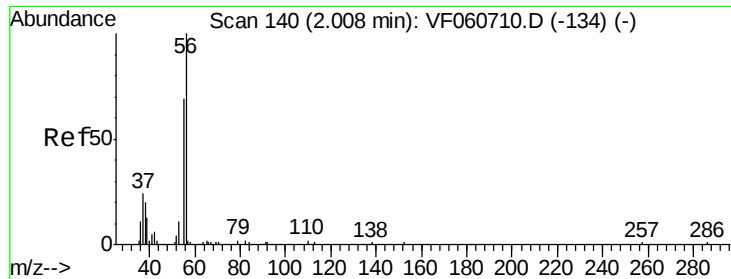
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#12
1,1-Dichloroethene
Concen: 56.816 ug/l
RT: 1.78 min Scan# 117
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion: 96 Resp: 78079
Ion Ratio Lower Upper
96 100
61 224.7 182.2 273.2
98 61.2 49.2 73.8





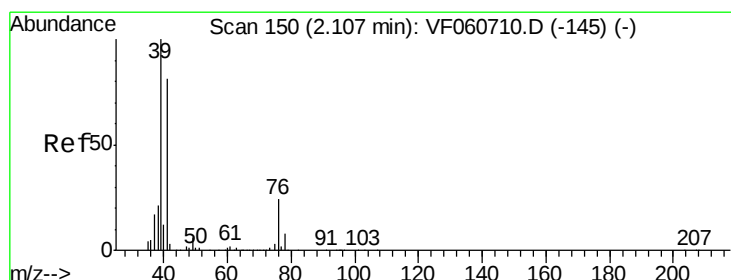
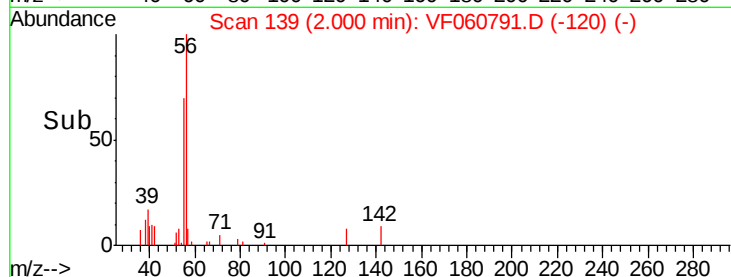
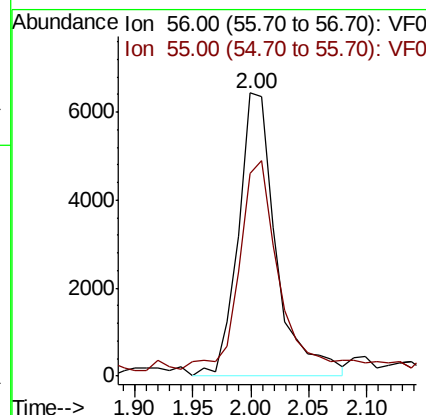
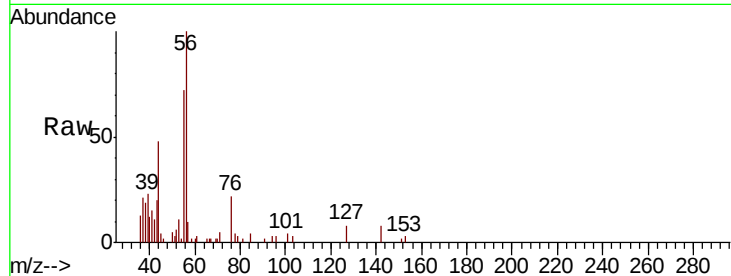
#13
Acrolein
Concen: 181.572 ug/l
RT: 2.00 min Scan# 139
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion	56	Resp	14517
Ion Ratio	100	Lower	Upper
56	100		
55	71.6	56.6	85.0

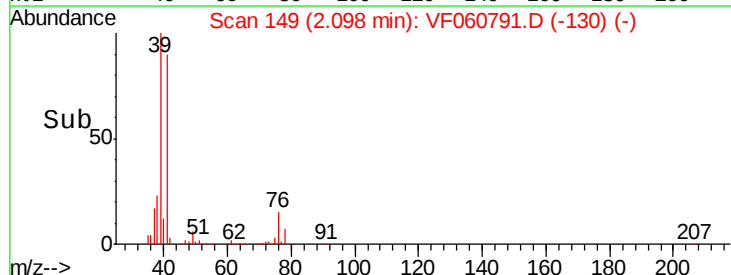
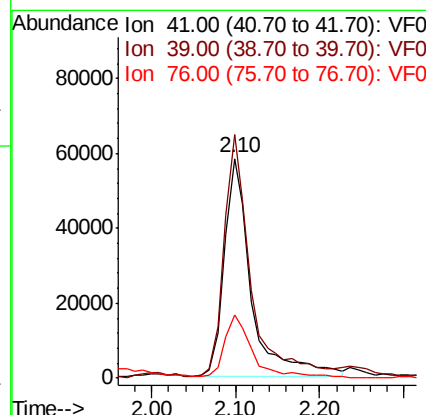
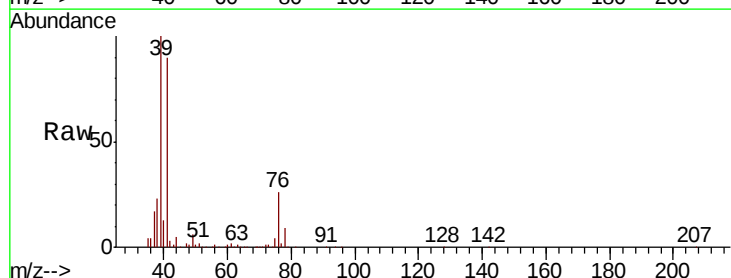
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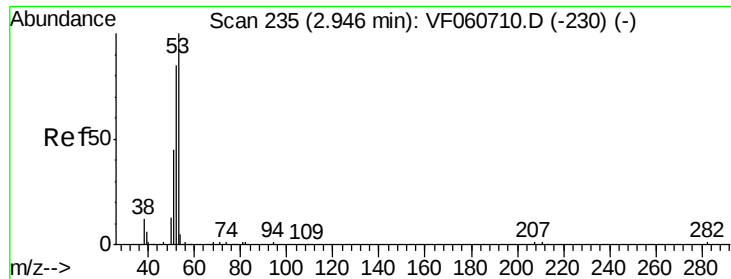
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#14
Allyl chloride
Concen: 54.382 ug/l
RT: 2.10 min Scan# 149
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	41	Resp	130924
Ion Ratio	100	Lower	Upper
41	100		
39	110.9	98.5	147.7
76	28.7	24.5	36.7





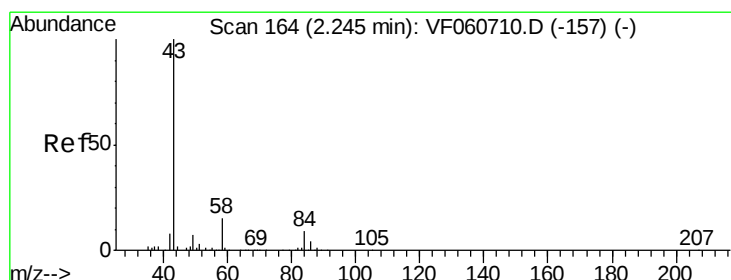
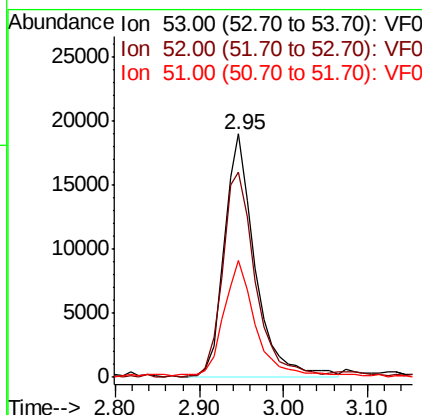
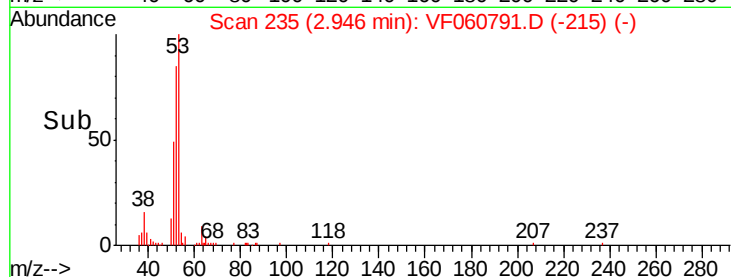
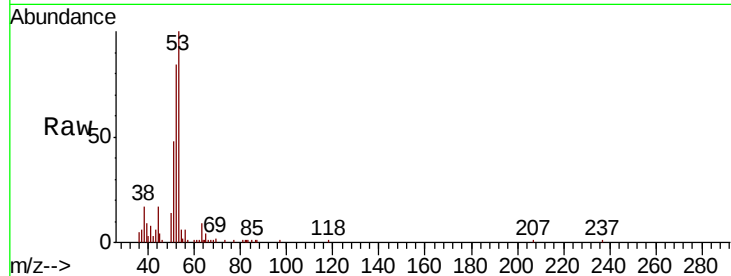
#15
 Acrylonitrile
 Concen: 259.338 ug/l
 RT: 2.95 min Scan# 235
 Delta R.T. 0.00 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MS

Tot Ion:	53	Resp:	48321
Ion	Ratio	Lower	Upper
53	100		
52	84.1	68.8	103.2
51	48.2	36.7	55.1

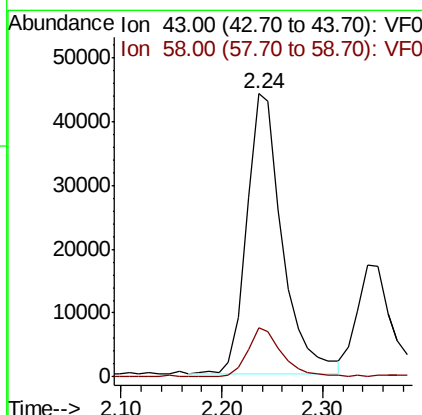
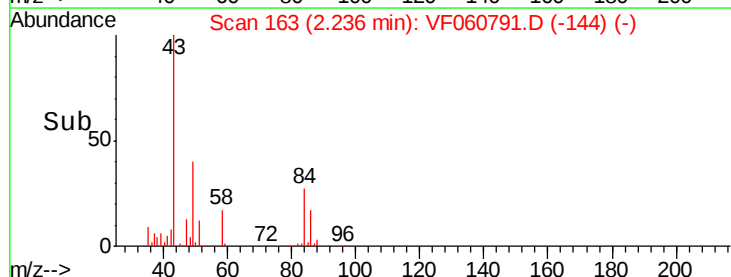
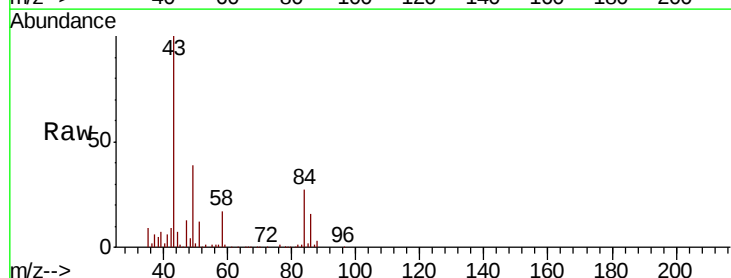
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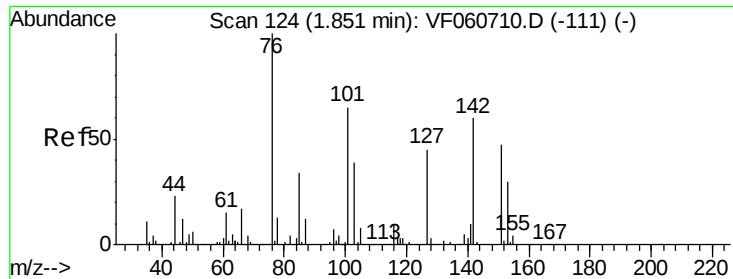
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#16
 Acetone
 Concen: 261.132 ug/l
 RT: 2.24 min Scan# 163
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion:	43	Resp:	107239
Ion	Ratio	Lower	Upper
43	100		
58	17.3	11.6	17.4





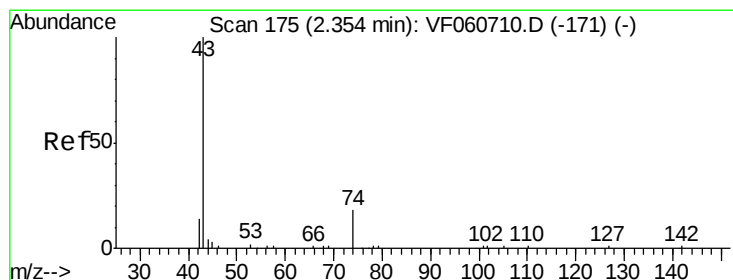
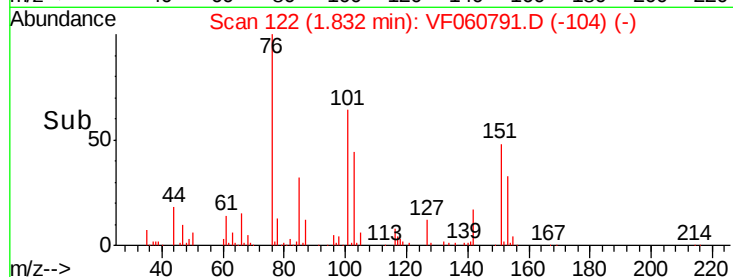
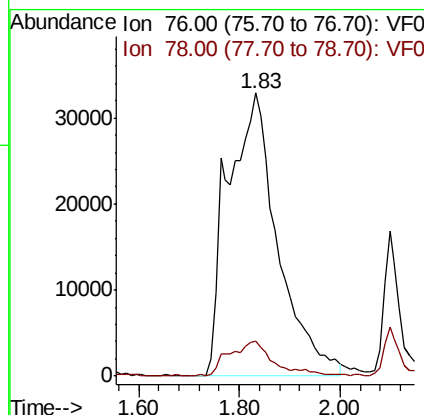
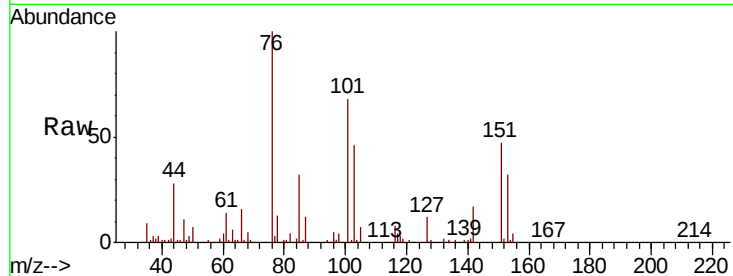
#17
Carbon Disulfide
Concen: 54.699 ug/l
RT: 1.83 min Scan# 122
Delta R.T. -0.02 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion: 76 Resp: 227192
Ion Ratio Lower Upper
76 100
78 12.6 10.5 15.7

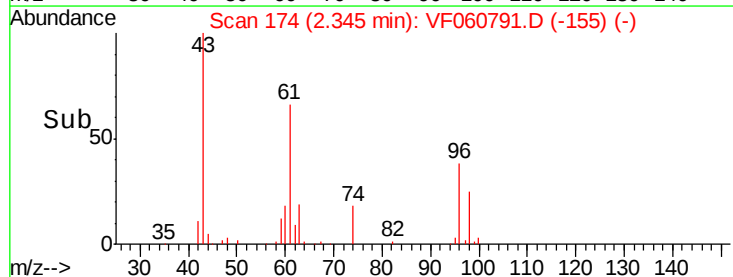
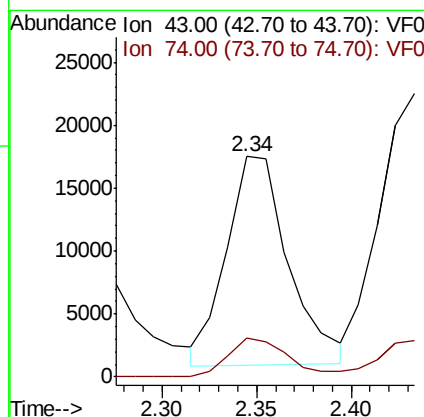
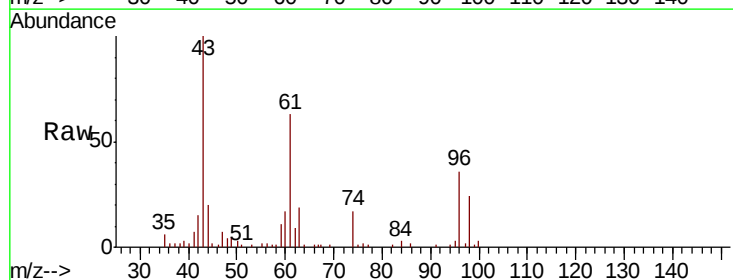
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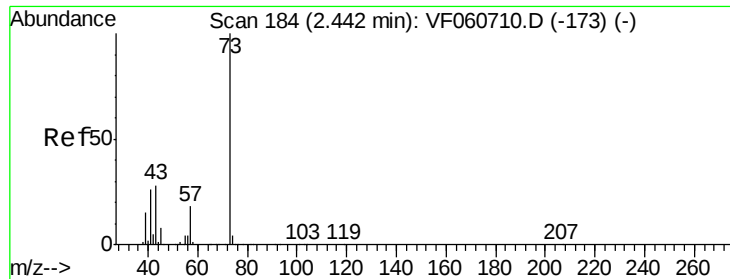
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#18
Methyl Acetate
Concen: 56.214 ug/l
RT: 2.34 min Scan# 174
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion: 43 Resp: 37907
Ion Ratio Lower Upper
43 100
74 17.5 11.8 17.8





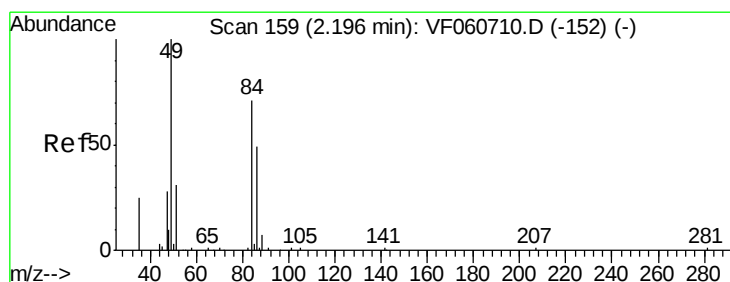
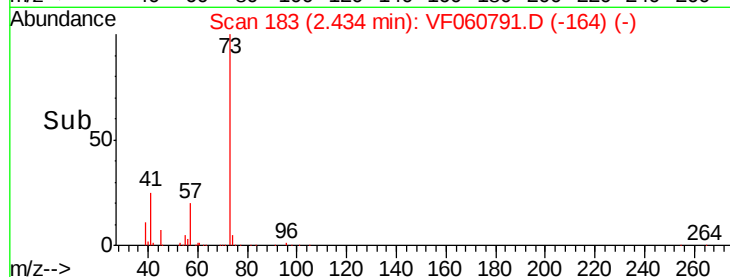
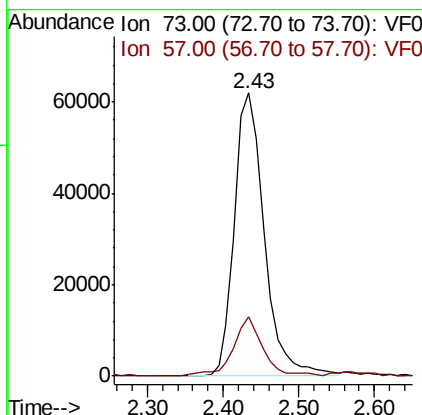
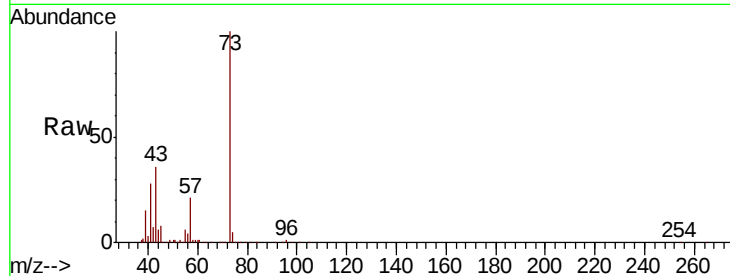
#19
Methvl tert-butvl Ether
Concen: 51.445 ug/l
RT: 2.43 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	14.3	21.5

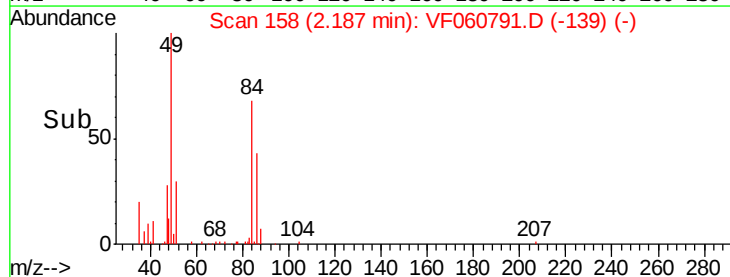
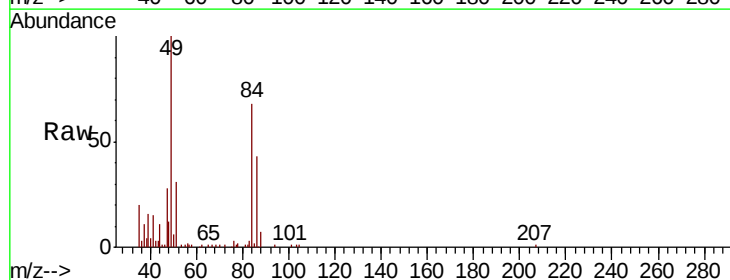
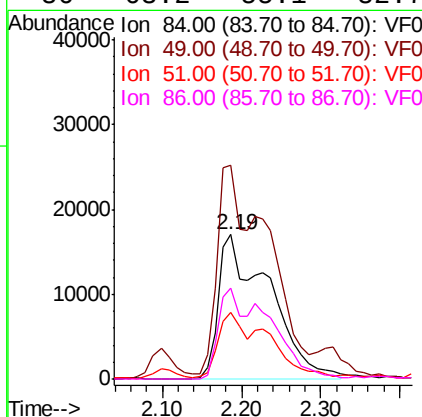
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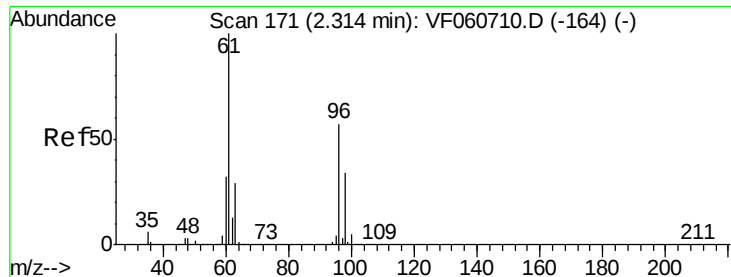
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#20
Methylene Chloride
Concen: 55.784 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	147.9	120.2	180.4
51	45.9	37.2	55.8
86	63.2	55.1	82.7





#21

trans-1,2-Dichloroethene

Concen: 57.745 ug/l

RT: 2.32 min Scan# 171

Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

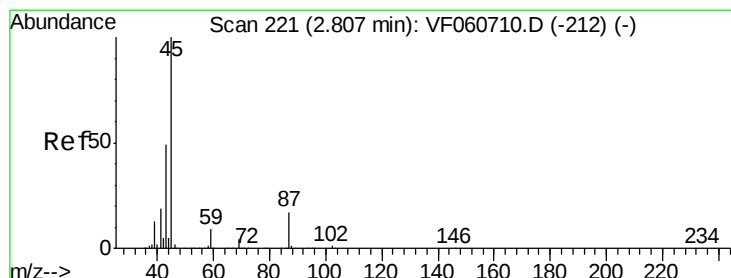
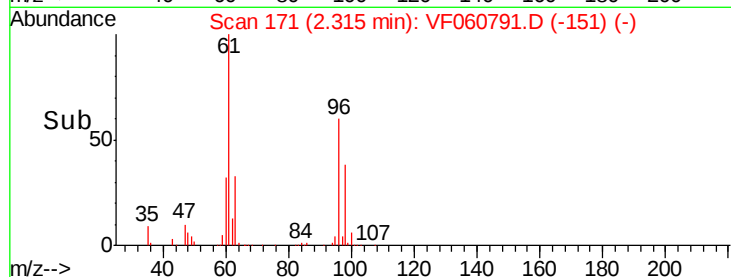
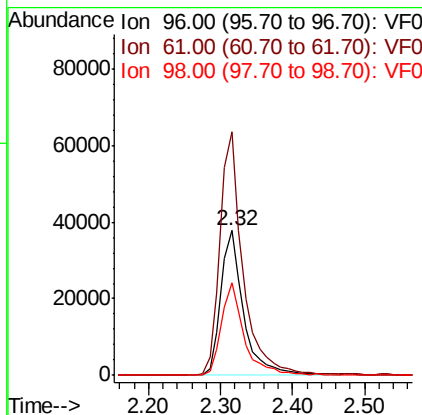
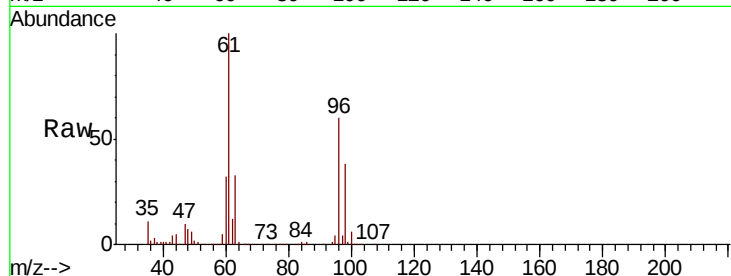
ClientSampleId :

SSI-21-TW-2MS

Tot Ion:	96	Resp:	82909
Ion	Ratio	Lower	Upper
96	100		
61	168.0	141.6	212.4
98	63.5	47.4	71.0

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#22

Diisopropyl ether

Concen: 52.444 ug/l

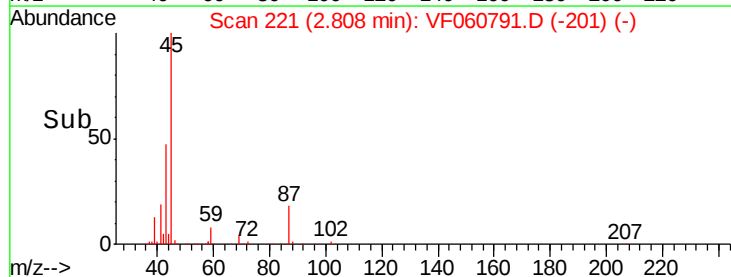
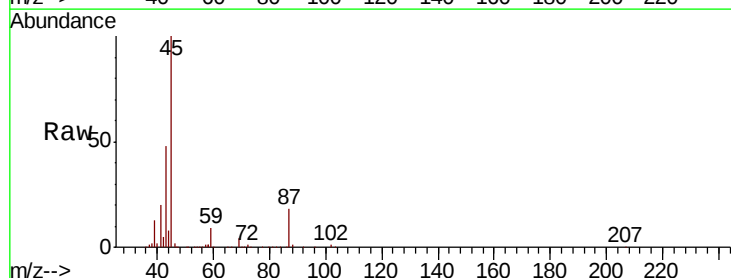
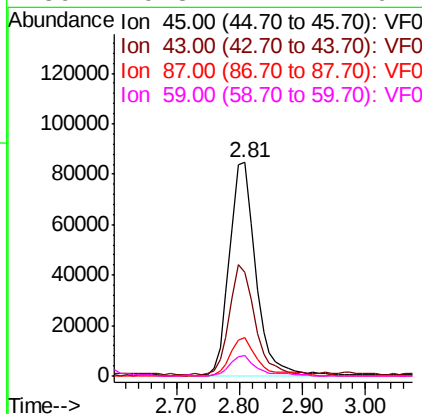
RT: 2.81 min Scan# 221

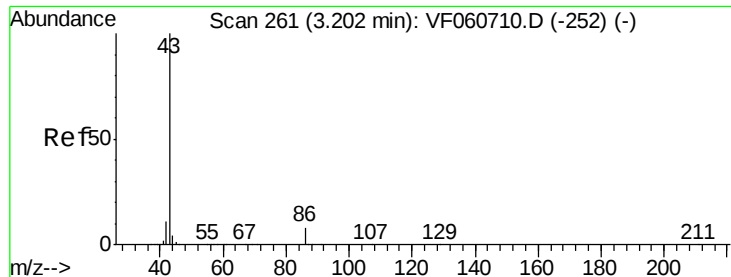
Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Tgt Ion:	45	Resp:	243761
Ion	Ratio	Lower	Upper
45	100		
43	48.3	39.9	59.9
87	17.8	13.9	20.9
59	9.3	7.1	10.7





#23

Vinyl Acetate

Concen: 232.614 ug/l

RT: 3.19 min Scan# 260

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleID :

SSI-21-TW-2MS

Tot Ion: 43 Resp: 509133

Ion Ratio Lower Upper

43 100

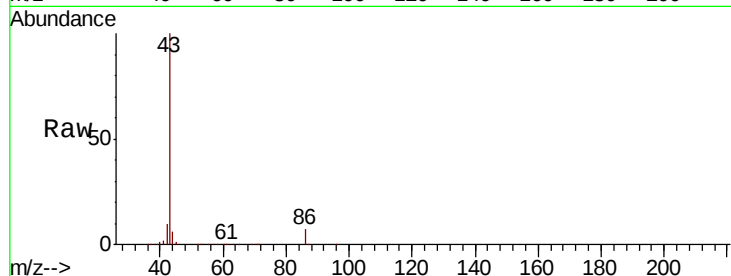
86 7.2 6.4 9.6

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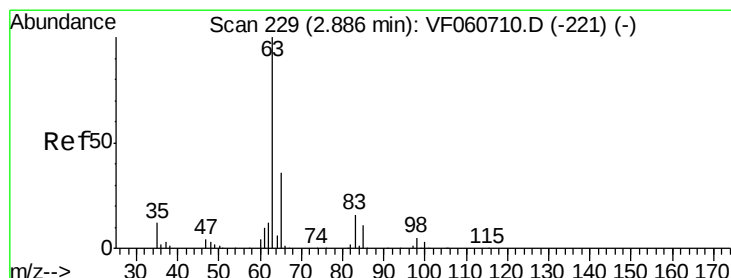
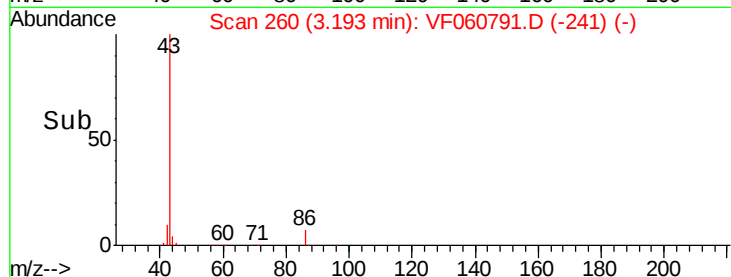
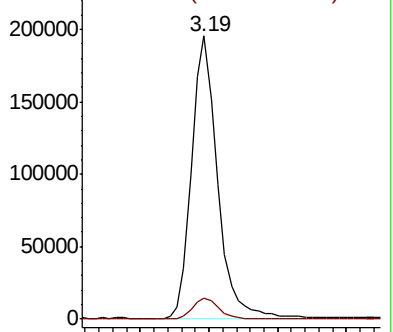
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 56.026 ug/l

RT: 2.88 min Scan# 228

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

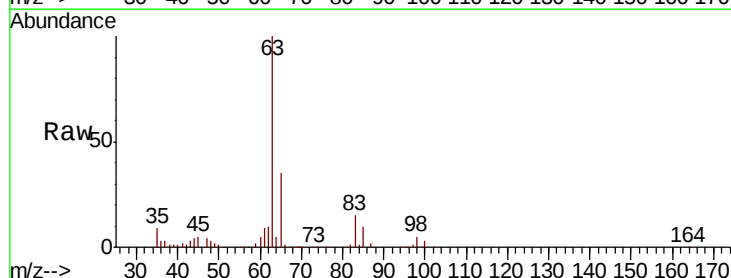
Tgt Ion: 63 Resp: 157656

Ion Ratio Lower Upper

63 100

98 4.7 2.4 7.1

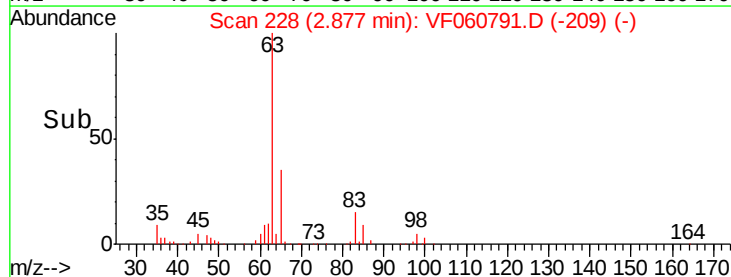
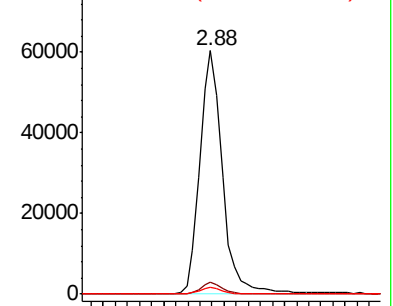
100 3.0 1.4 4.2

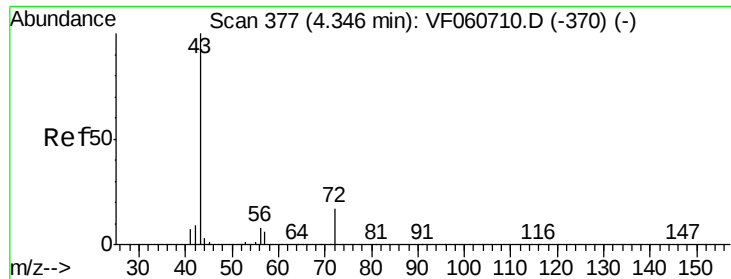


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 256.742 ug/l

RT: 4.34 min Scan# 376

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

Tot Ion: 43 Resp: 173425

Ion Ratio Lower Upper

43 100

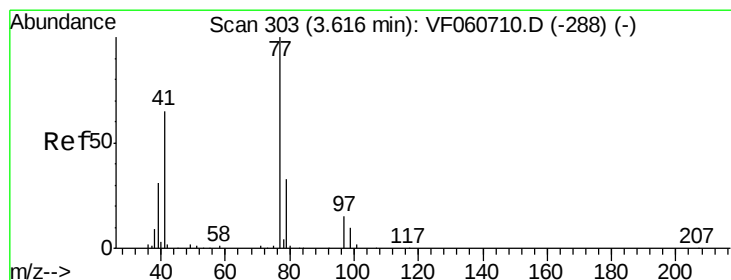
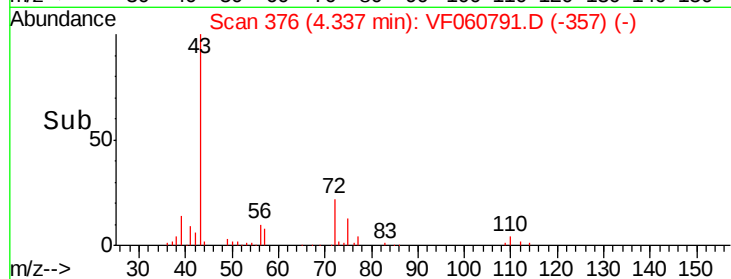
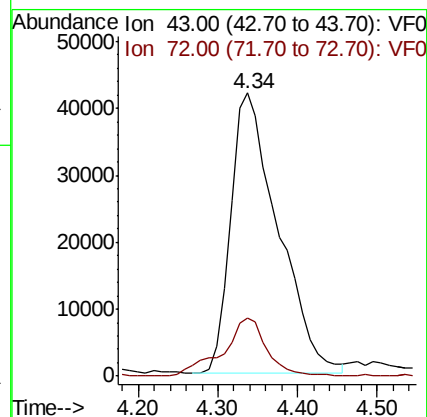
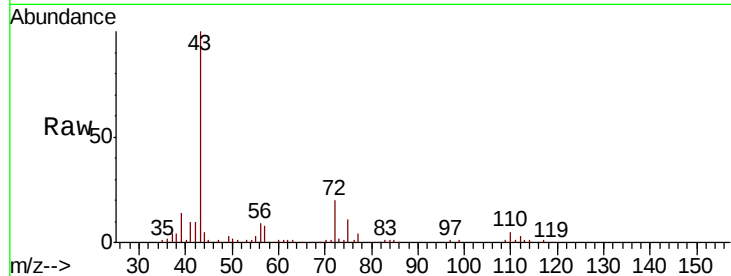
72 20.4 16.1 24.1

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#26

2,2-Dichloropropane

Concen: 45.772 ug/l

RT: 3.61 min Scan# 302

Delta R.T. -0.01 min

Lab File: VF060791.D

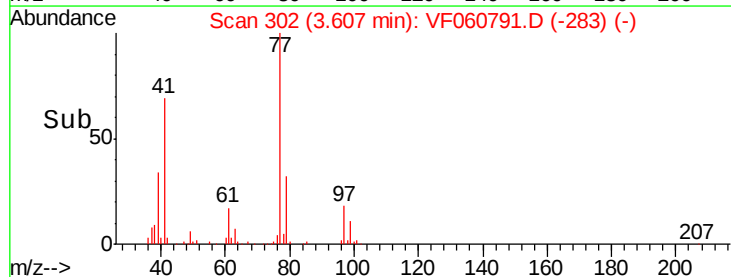
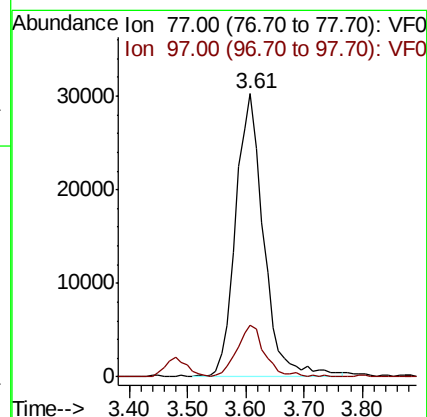
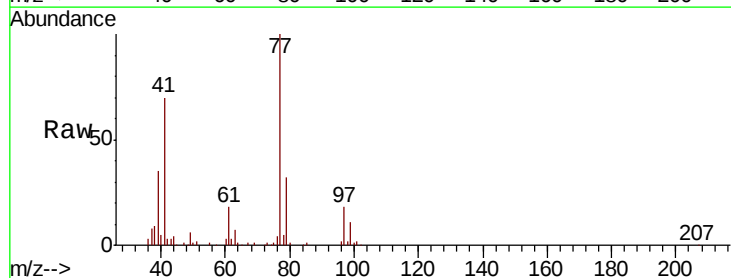
Acq: 19 Nov 2018 22:24

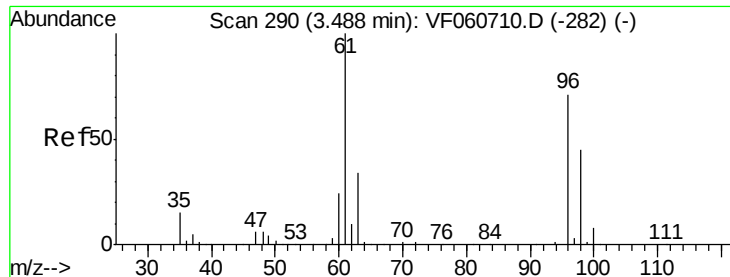
Tgt Ion: 77 Resp: 101358

Ion Ratio Lower Upper

77 100

97 18.4 8.8 26.5





#27

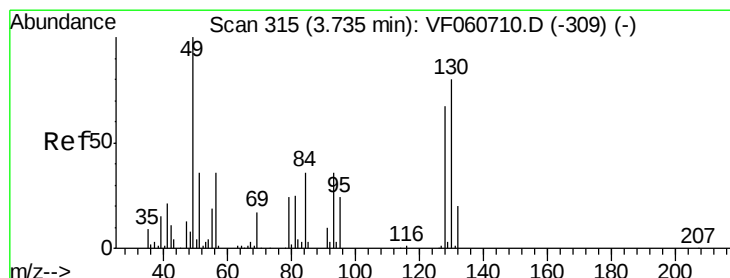
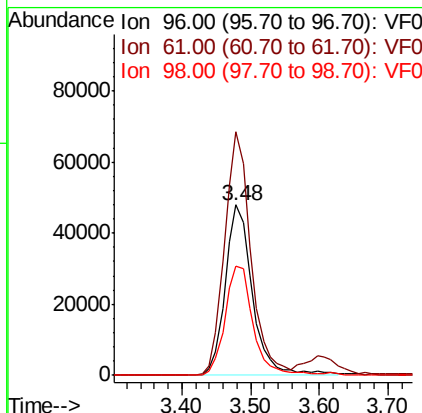
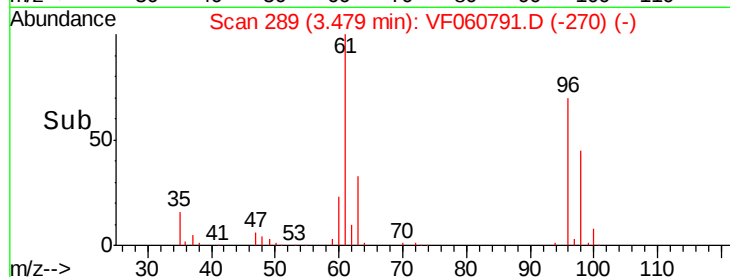
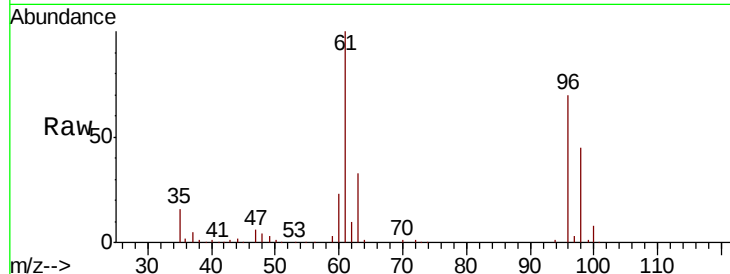
cis-1,2-Dichloroethene
Concen: 53.625 ug/l
RT: 3.48 min Scan# 289
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	130976		
61	143.0		0.0	280.6
98	63.9		0.0	127.6

Manual Integrations
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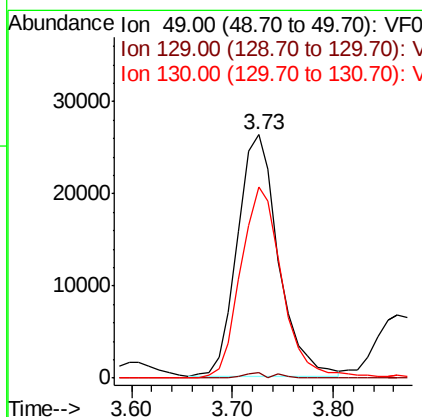
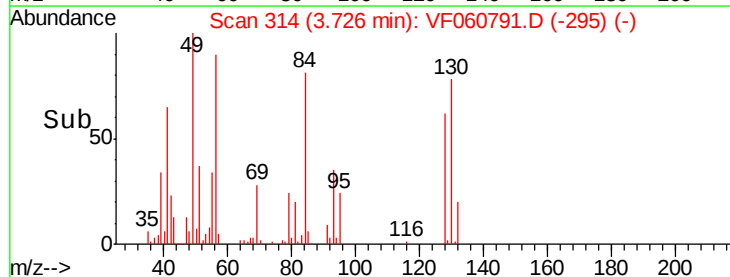
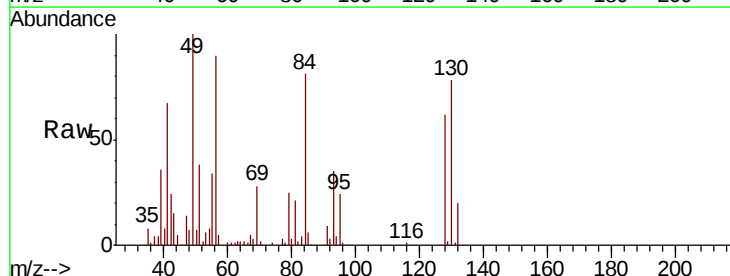
apatel
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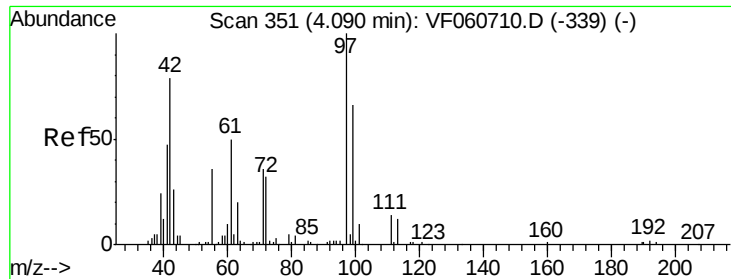


#28

Bromochloromethane
Concen: 51.174 ug/l
RT: 3.73 min Scan# 314
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	74838		
129	2.1		0.0	5.2
130	78.5		63.9	95.9





#29

Tetrahydrofuran

Concen: 239.318 ug/l

RT: 4.08 min Scan# 350

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

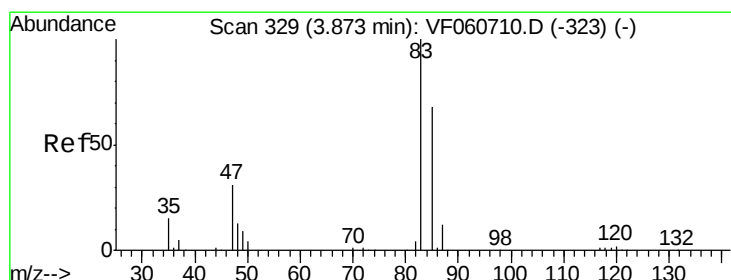
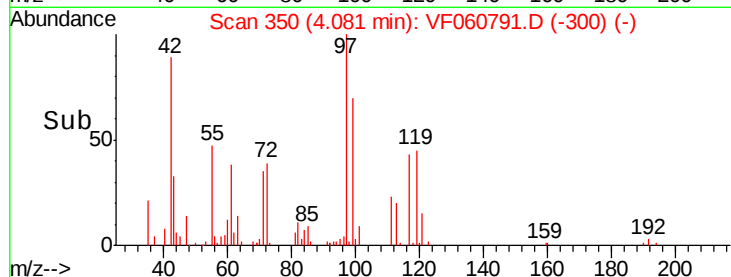
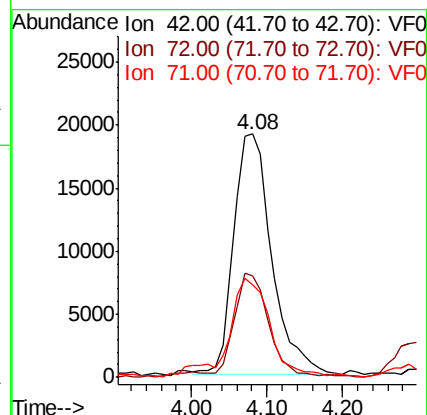
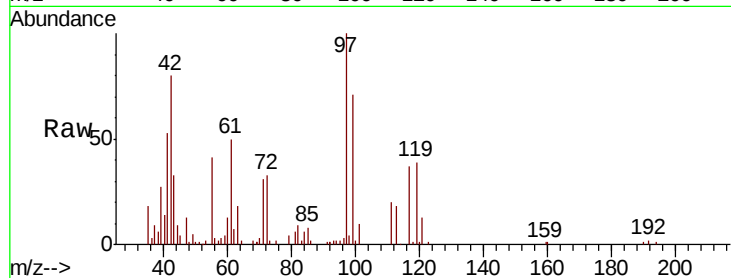
ClientSampleId :

SSI-21-TW-2MS

Tot Ion:	42	Resp:	66680
Ion	Ratio	Lower	Upper
42	100		
72	39.6	30.3	45.5
71	44.9	32.2	48.2

Manual Integrations
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#30

Chloroform

Concen: 50.277 ug/l

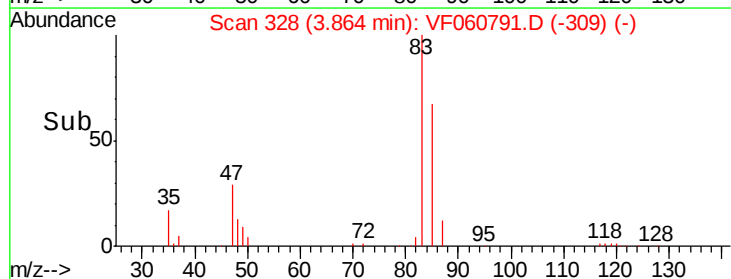
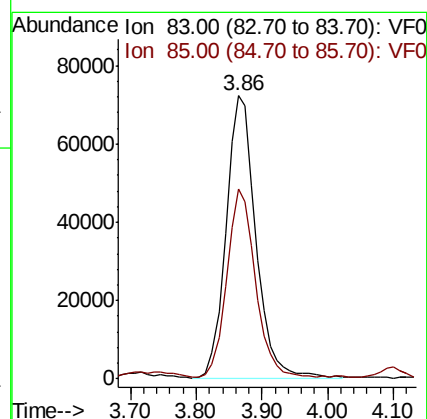
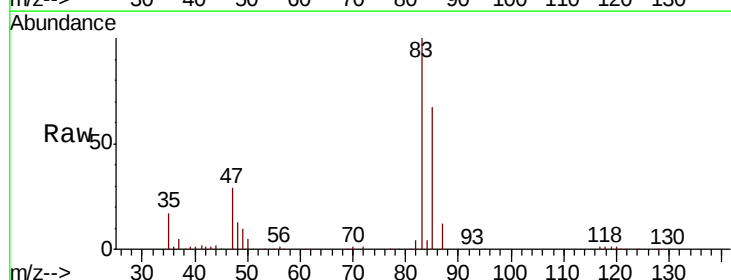
RT: 3.86 min Scan# 328

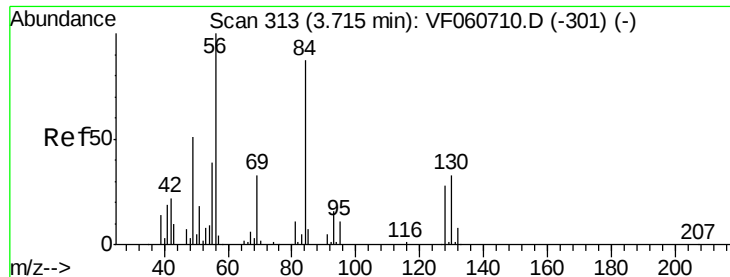
Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Tgt Ion:	83	Resp:	226997
Ion	Ratio	Lower	Upper
83	100		
85	67.1	54.6	82.0





#31

Cyclohexane

Concen: 44.726 ug/l

RT: 3.71 min Scan# 312

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

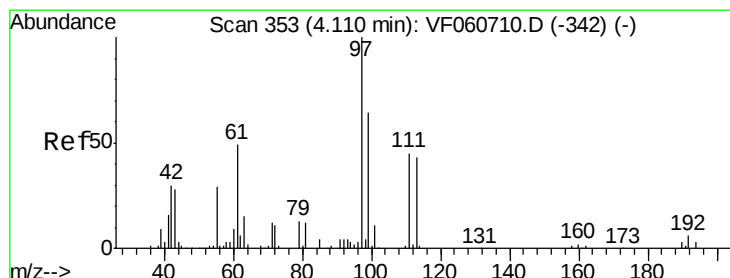
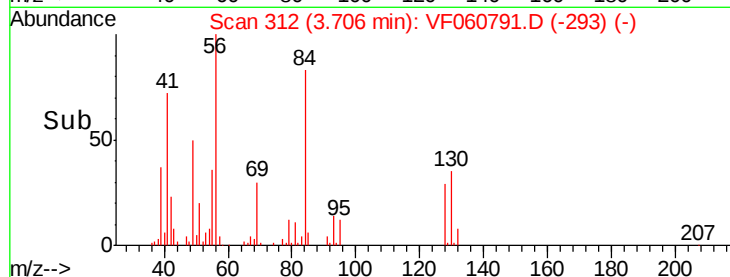
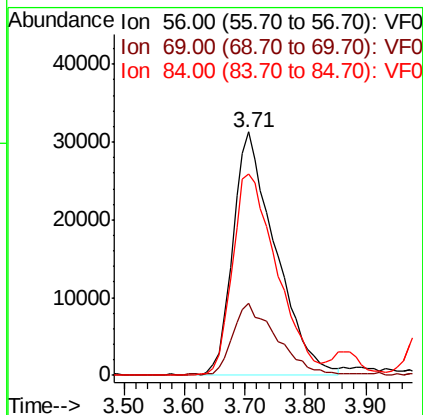
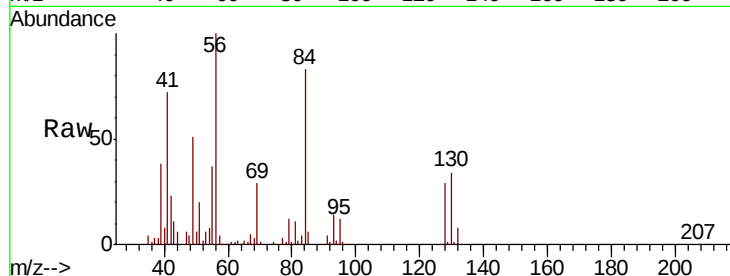
ClientSampleId :

SSI-21-TW-2MS

Tot Ion:	56	Resp:	152754
Ion	Ratio	Lower	Upper
56	100		
69	29.5	26.0	39.0
84	82.7	69.4	104.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.602 ug/l

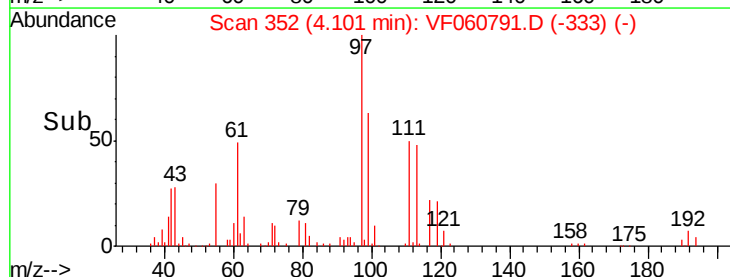
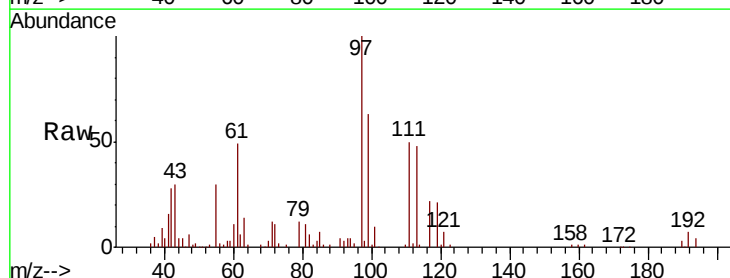
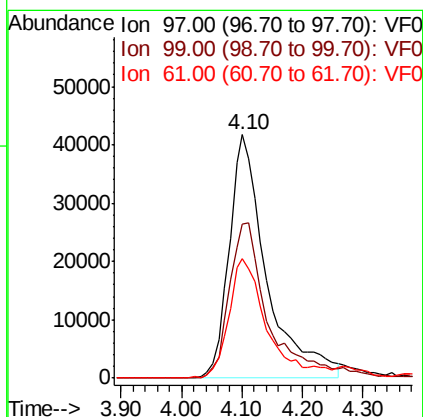
RT: 4.10 min Scan# 352

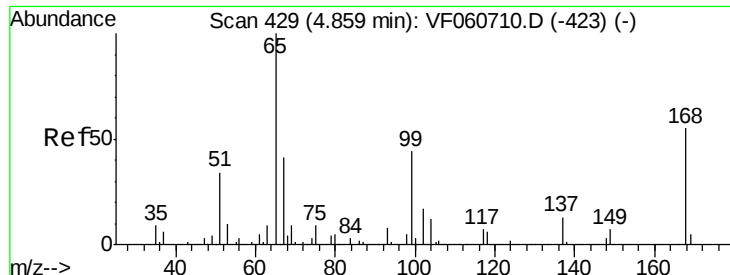
Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Tgt Ion:	97	Resp:	179912
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.1	76.7
61	49.3	40.1	60.1





#33

1,2-Dichloroethane-d4

Concen: 46.941 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

Tot Ion: 65 Resp: 90188

Ion Ratio Lower Upper

65 100

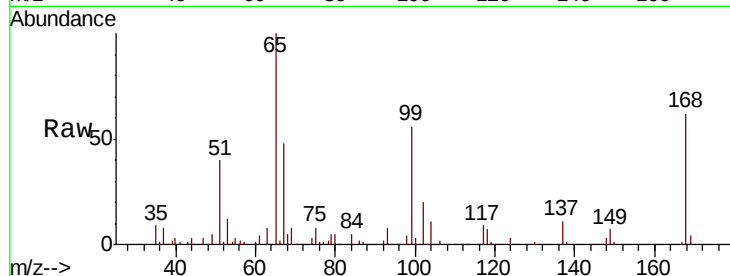
67 48.0 0.0 90.2

Manual Integrations

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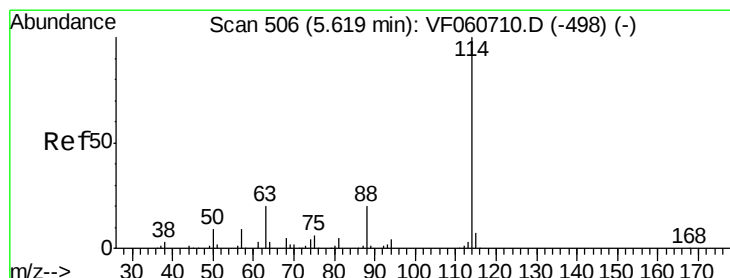
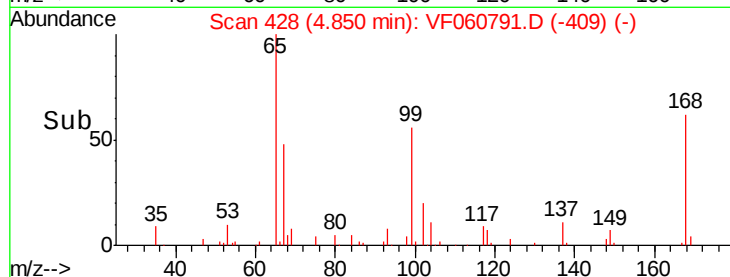
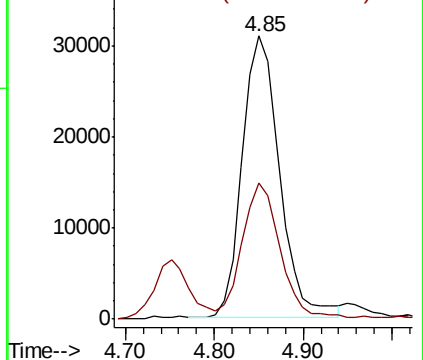
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.02 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

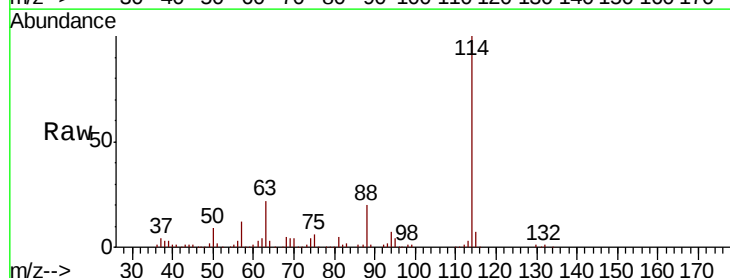
Tgt Ion: 114 Resp: 283193

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.8

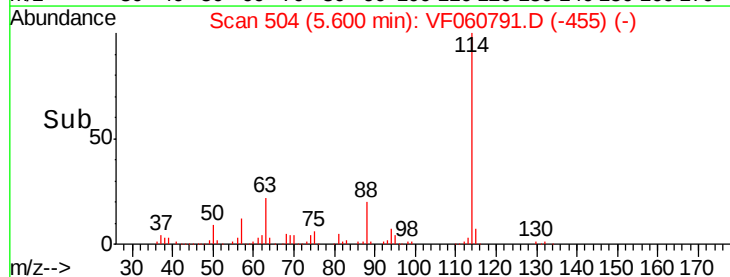
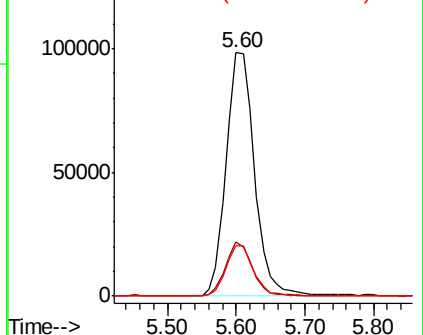
88 20.5 0.0 39.6

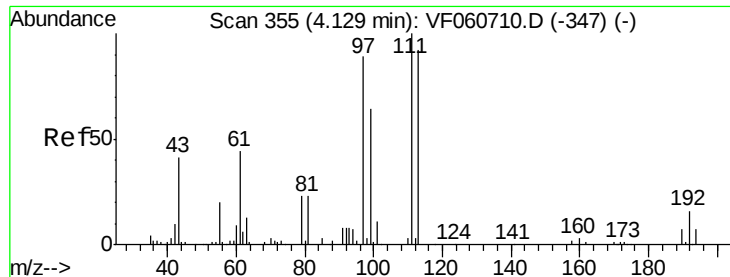


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





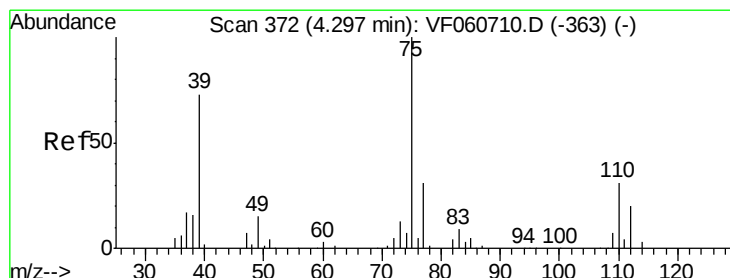
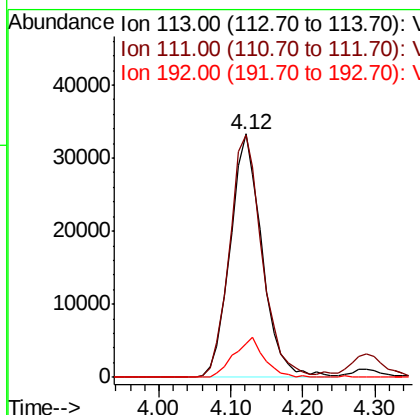
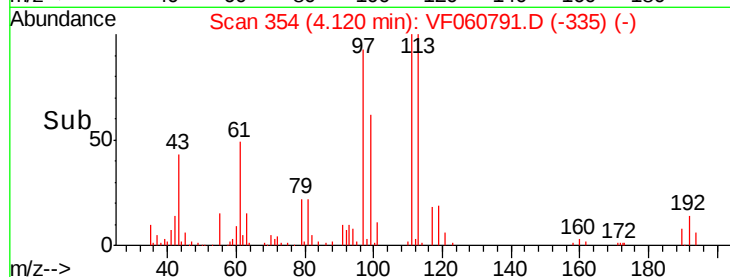
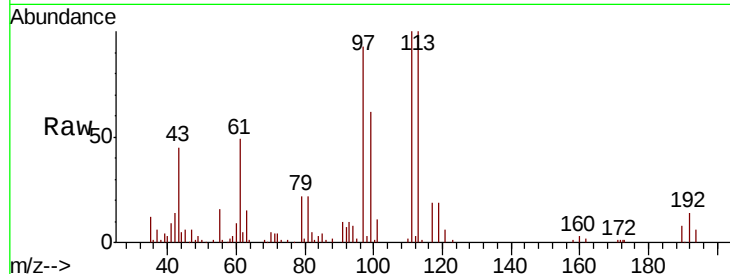
#35
Dibromofluoromethane
Concen: 48.309 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	102838		
111	99.5	87.1	130.7	
192	13.9	13.8	20.6	

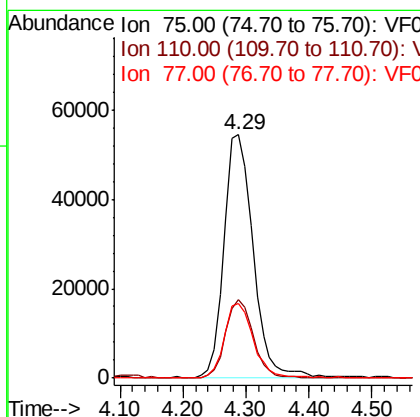
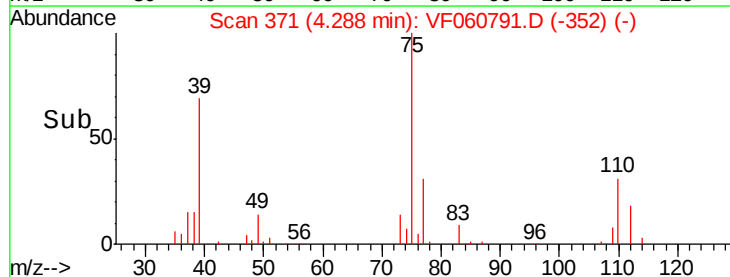
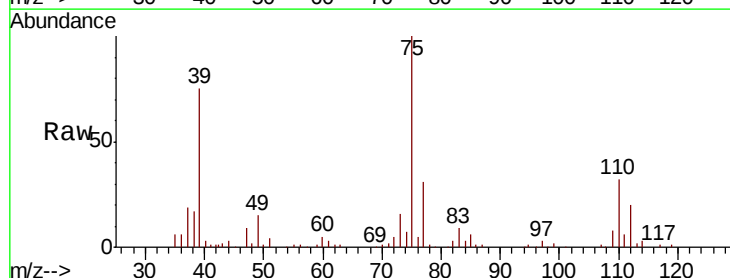
Manual Integrations
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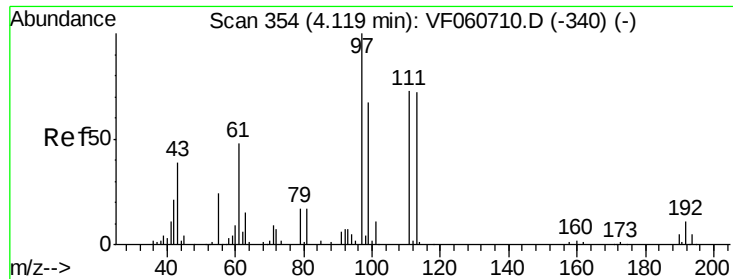
apatel
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#36
1,1-Dichloropropene
Concen: 53.132 ug/l
RT: 4.29 min Scan# 371
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	174504		
110	32.4	15.6	46.8	
77	30.6	25.0	37.6	





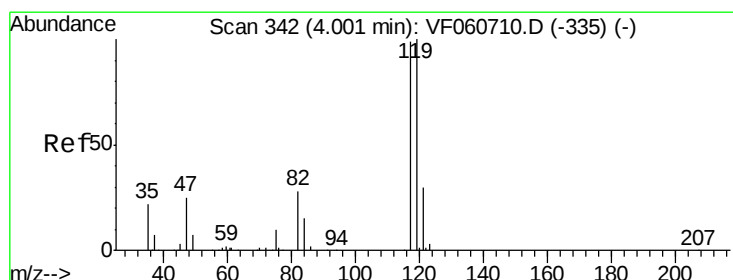
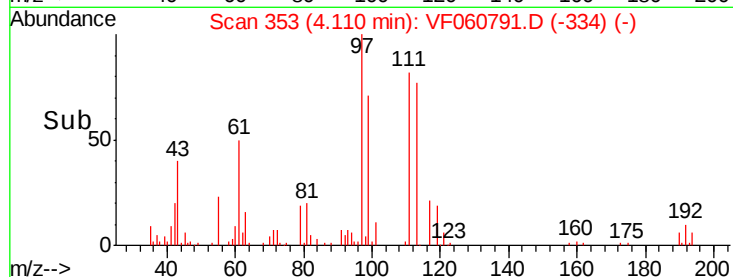
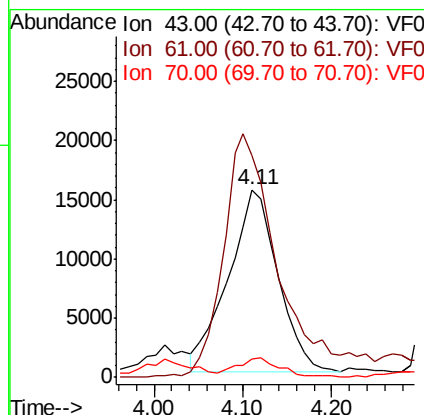
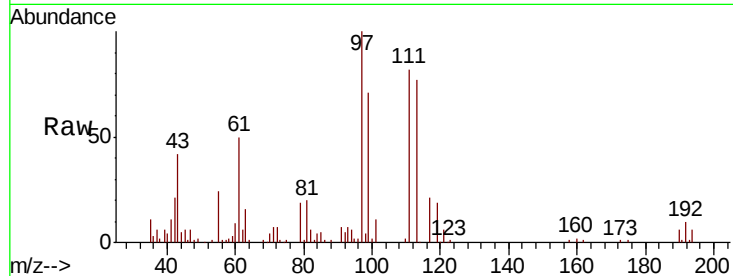
#37
Ethyl Acetate
Concen: 48.882 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion	43	61	70
Resp	59688	118.5	10.0
Ratio	100	118.5	10.0
Lower		98.5	7.4
Upper		147.7	11.0

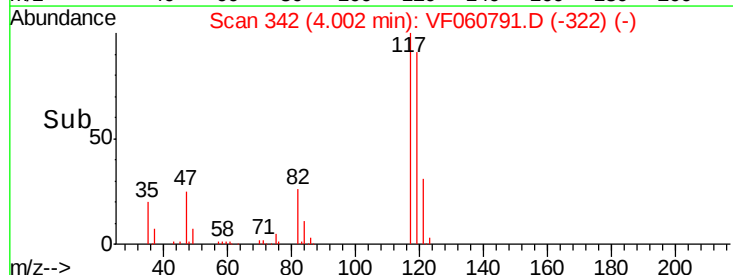
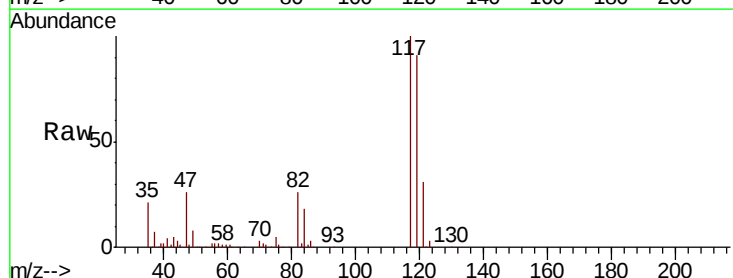
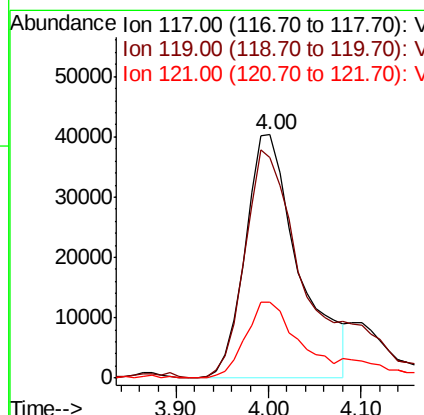
Manual Integrations
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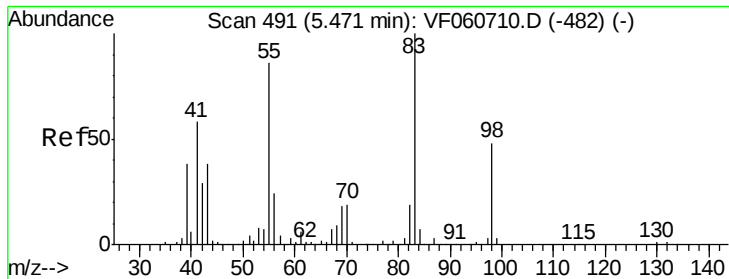
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#38
Carbon Tetrachloride
Concen: 51.315 ug/l m
RT: 4.00 min Scan# 342
Delta R.T. 0.00 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	117	119	121
Resp	163535	90.5	31.1
Ratio	100	90.5	31.1
Lower		80.7	24.3
Upper		121.1	36.5





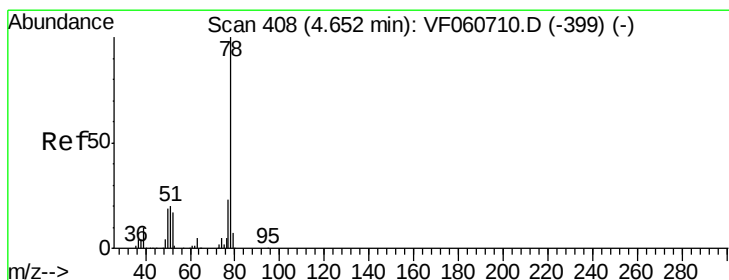
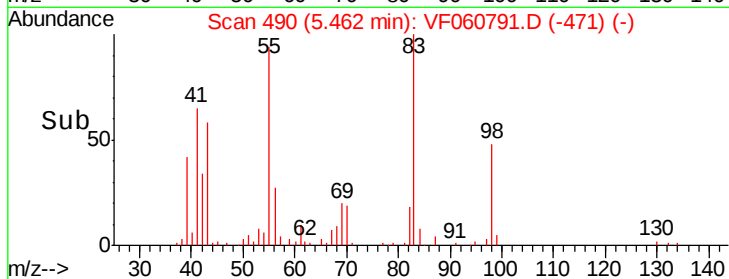
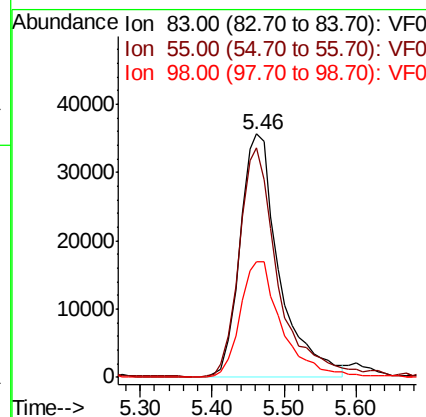
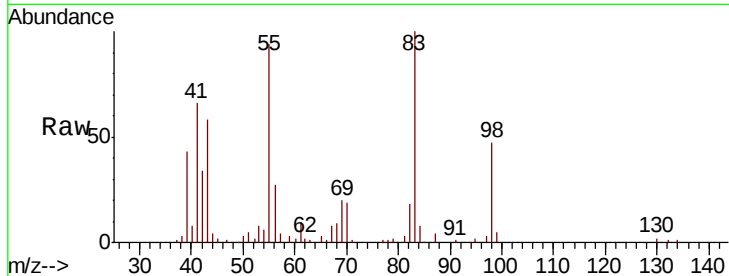
#39
Methvlcvclohexane
Concen: 35.497 ug/l
RT: 5.46 min Scan# 490
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	94.4	69.0	103.4
98	47.5	38.5	57.7

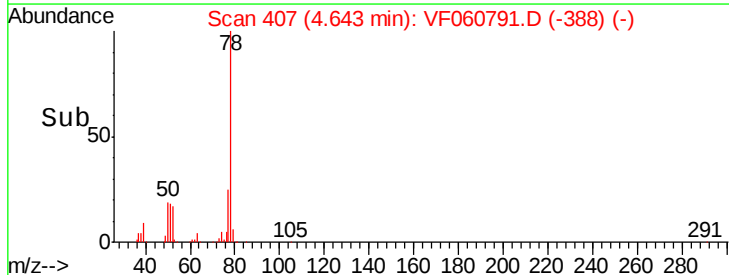
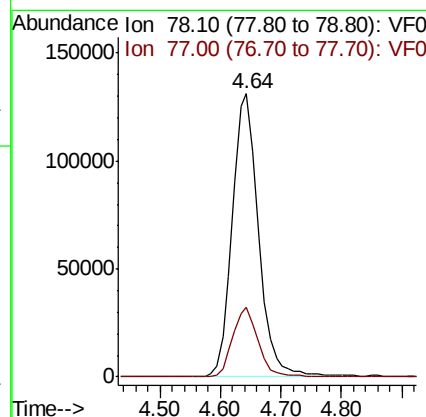
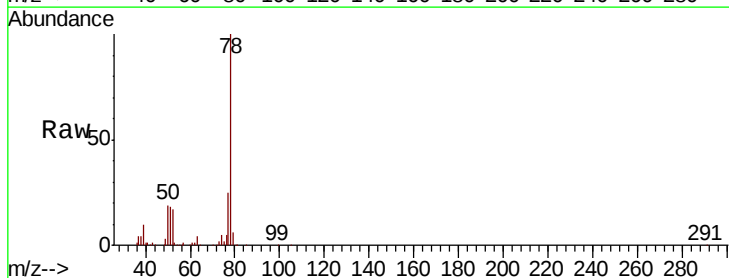
Manual Integrations
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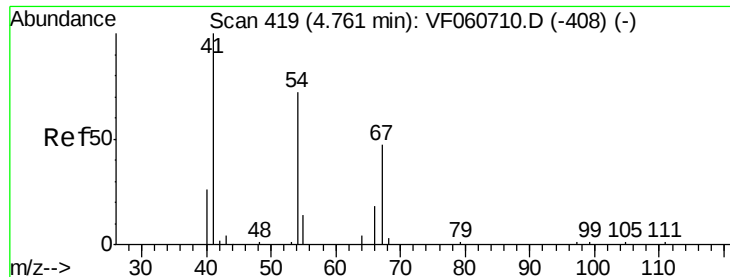
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#40
Benzene
Concen: 54.035 ug/l
RT: 4.64 min Scan# 407
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.6	28.0





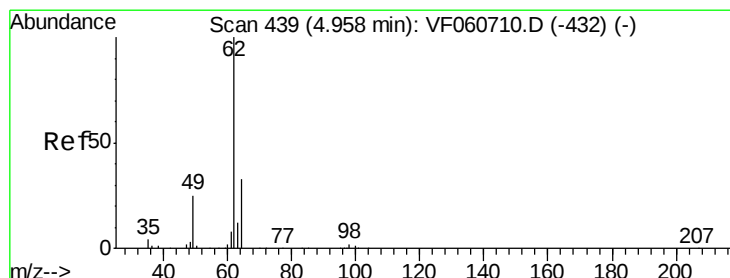
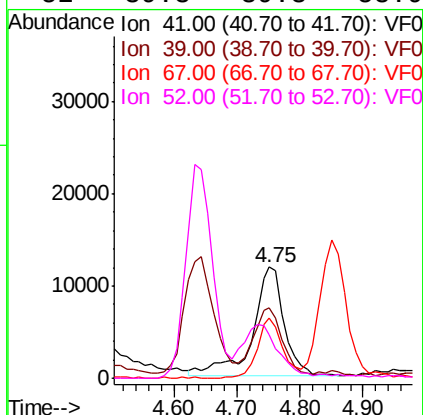
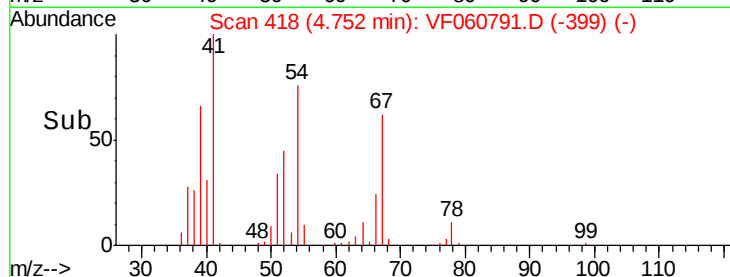
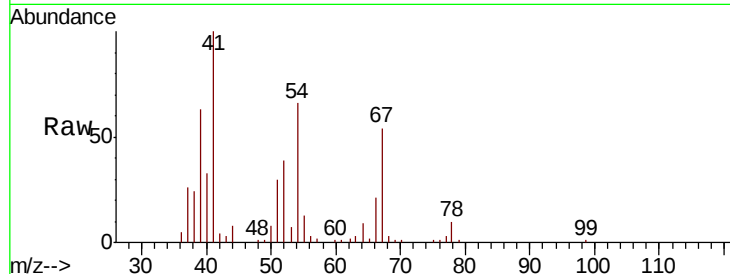
#41
Methacrylonitrile
Concen: 64.619 ug/l
RT: 4.75 min Scan# 418
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	63.1	47.1	70.7
67	67	54.3	37.1	55.7
52	52	39.3	39.3	58.9

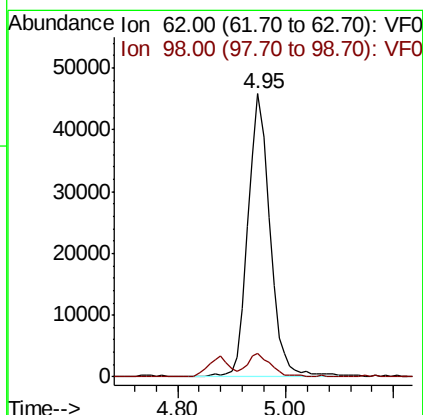
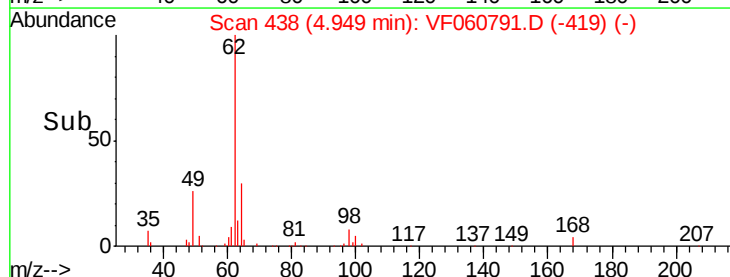
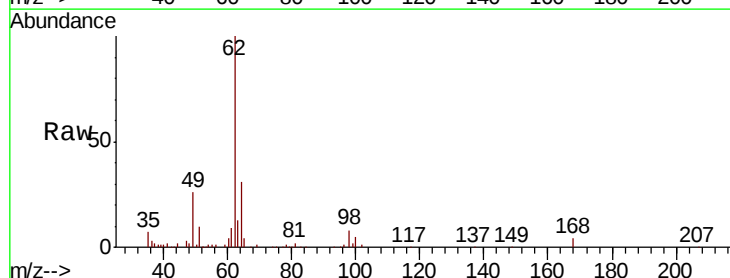
Manual Integrations
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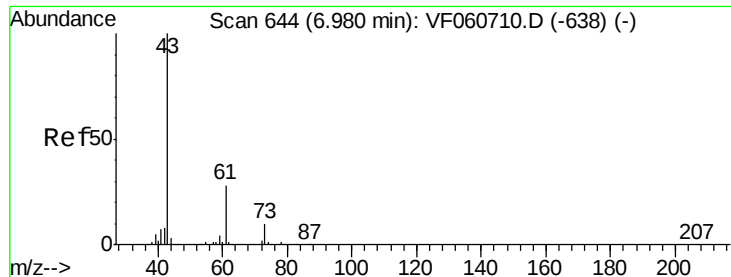
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#42
1,2-Dichloroethane
Concen: 51.288 ug/l
RT: 4.95 min Scan# 438
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	8.2	0.0	16.6





#43

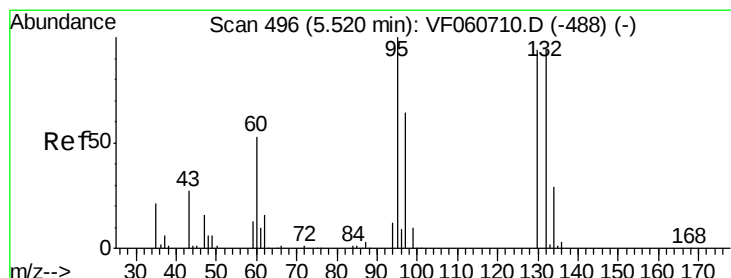
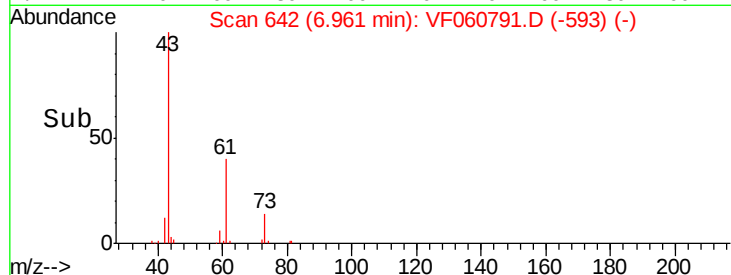
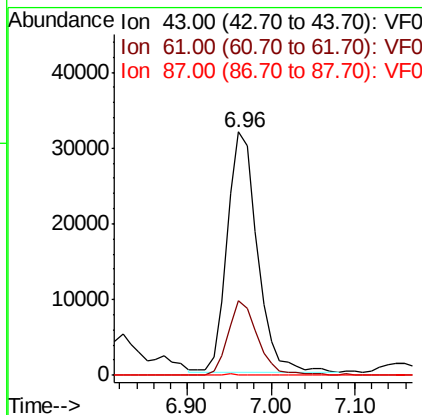
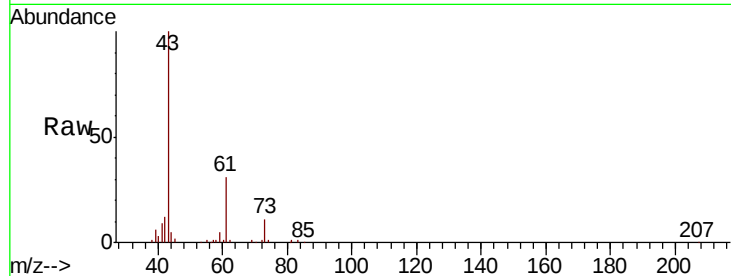
Isopropyl Acetate
 Concen: 49.271 ug/l
 RT: 6.96 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.6	22.2	33.4
87	0.0	0.4	0.6

Manual Integrations
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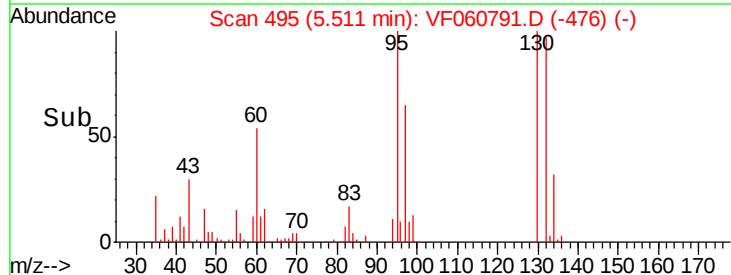
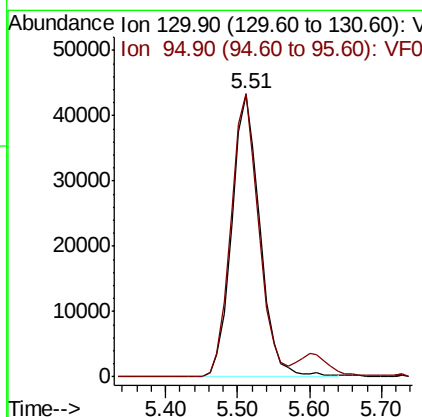
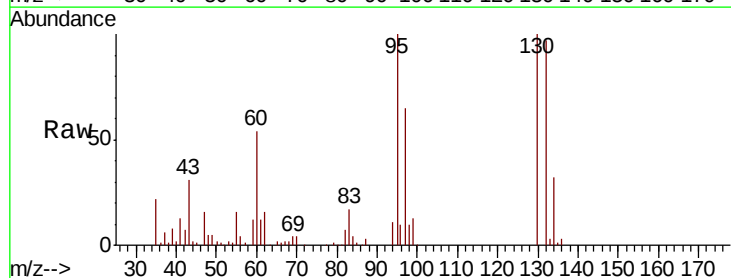
apatel
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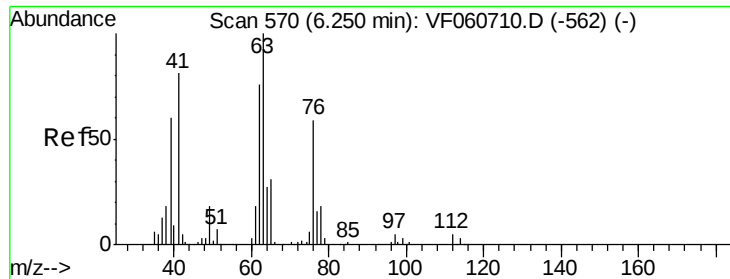


#44

Trichloroethene
 Concen: 51.175 ug/l
 RT: 5.51 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	212.6





#45

1,2-Dichloropropane

Concen: 52.955 ug/l

RT: 6.24 min Scan# 569

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

Tot Ion: 63 Resp: 100887

Ion Ratio Lower Upper

63 100

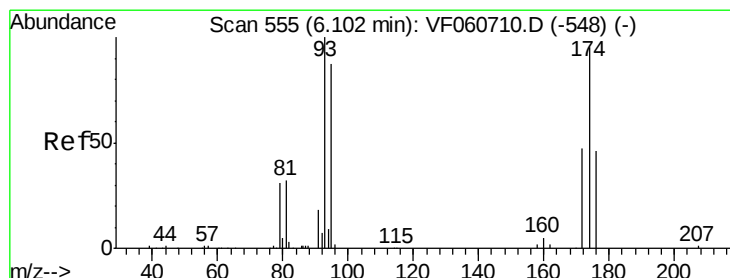
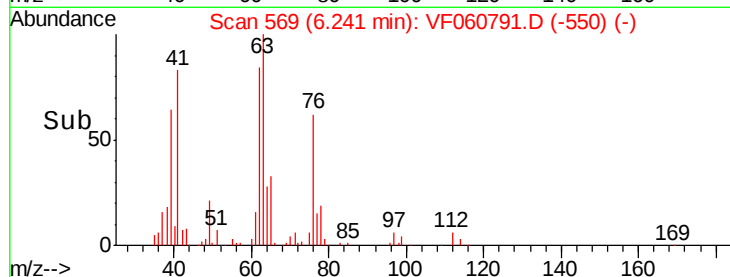
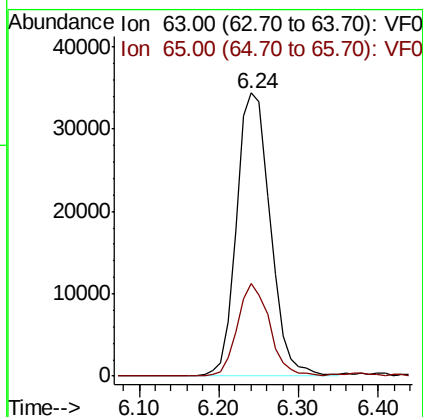
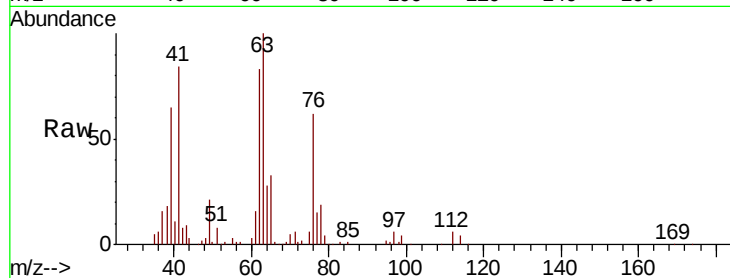
65 32.9 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 52.126 ug/l

RT: 6.09 min Scan# 554

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

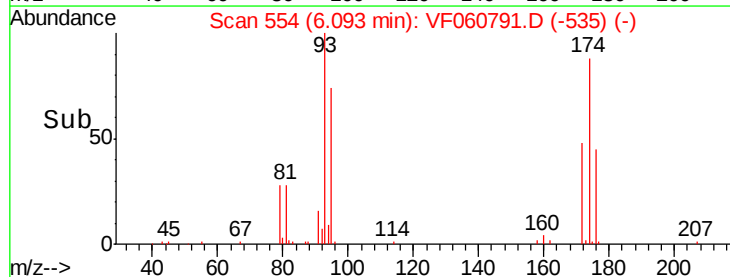
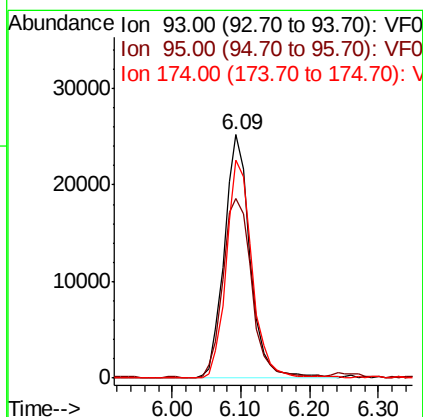
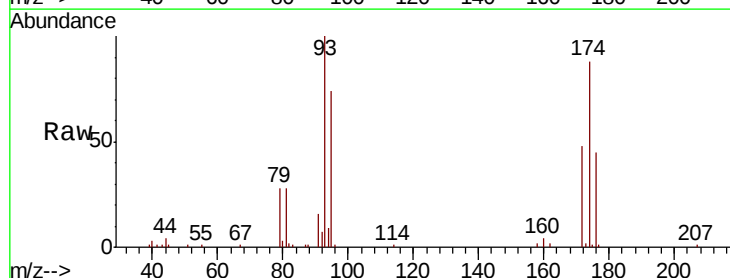
Tgt Ion: 93 Resp: 65554

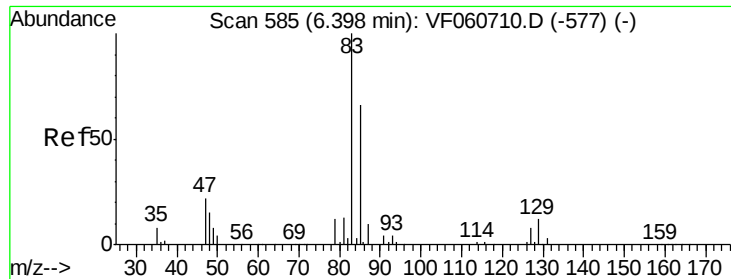
Ion Ratio Lower Upper

93 100

95 73.9 69.5 104.3

174 89.4 76.2 114.2





#47

Bromodichloromethane

Concen: 50.318 ug/l

RT: 6.39 min Scan# 584

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

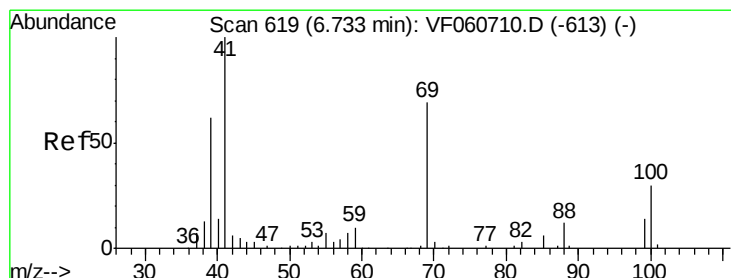
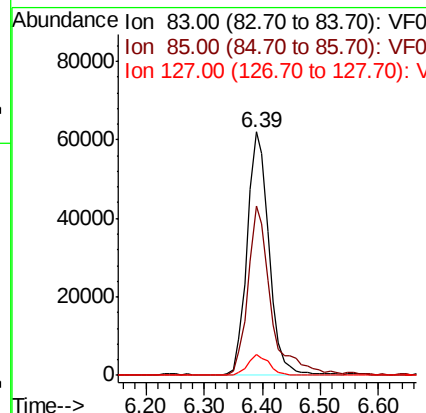
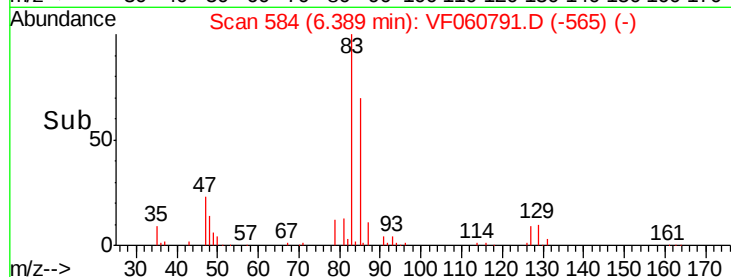
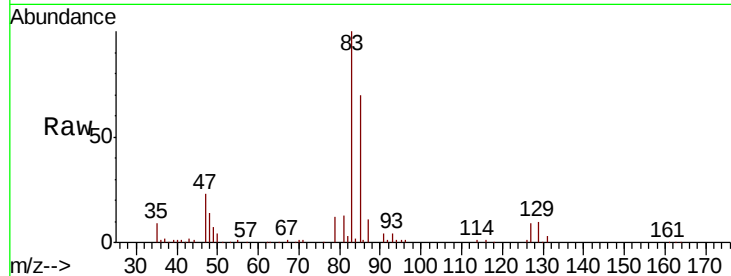
ClientSampleId :

SSI-21-TW-2MS

Tot Ion:	83	Resp:	161591
Ion Ratio	Lower	Upper	
83	100		
85	69.8	52.4	78.6
127	8.6	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.596 ug/l

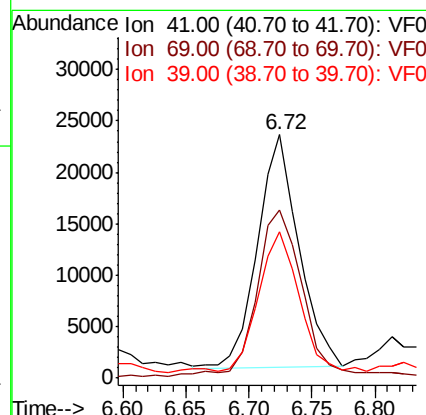
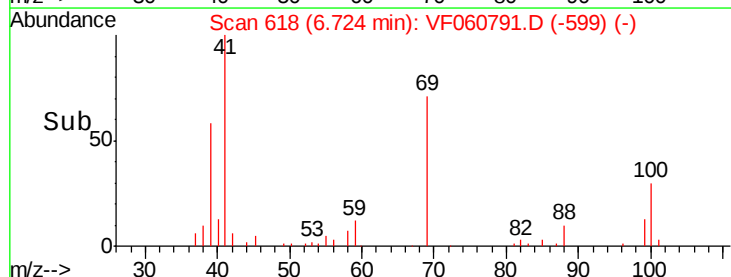
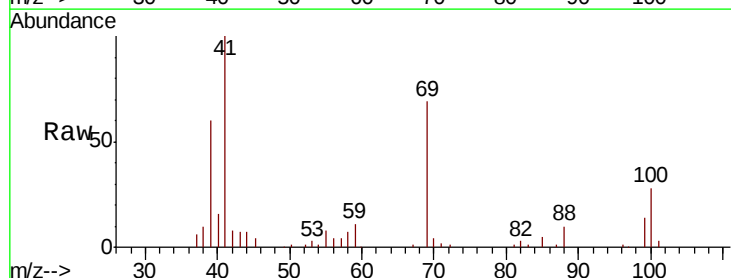
RT: 6.72 min Scan# 618

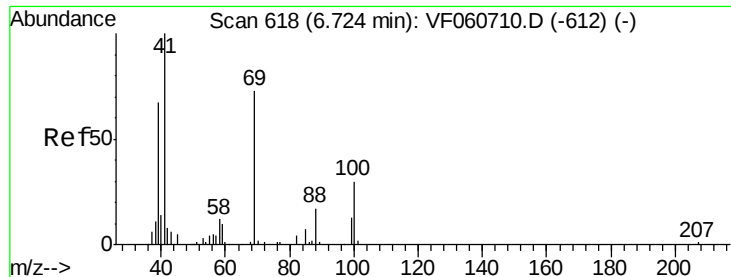
Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Tgt Ion:	41	Resp:	52069
Ion Ratio	Lower	Upper	
41	100		
69	69.0	54.9	82.3
39	60.0	49.6	74.4





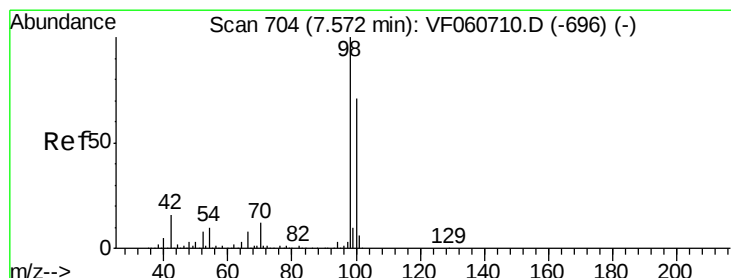
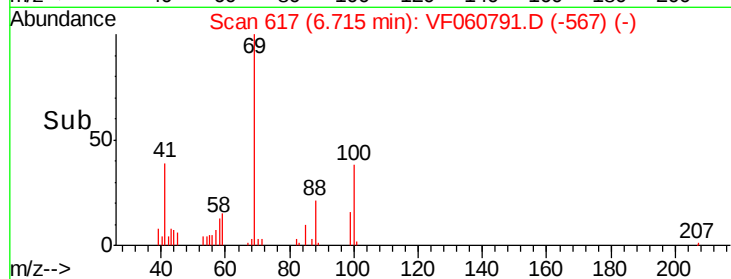
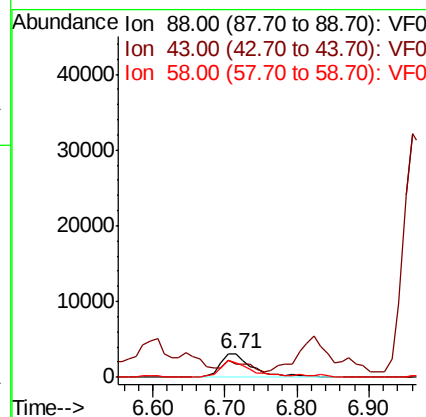
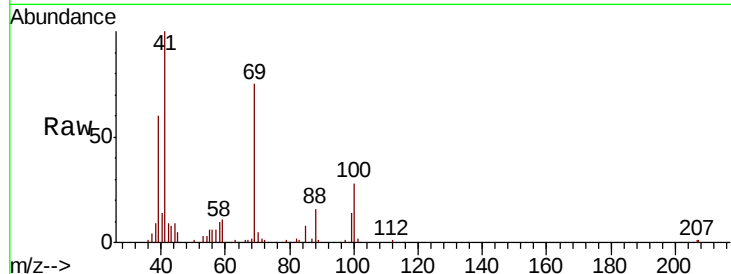
#49
1,4-Dioxane
Concen: 986.257 ug/l
RT: 6.71 min Scan# 617
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	53.8	44.6	66.8
58	62.1	54.5	81.7

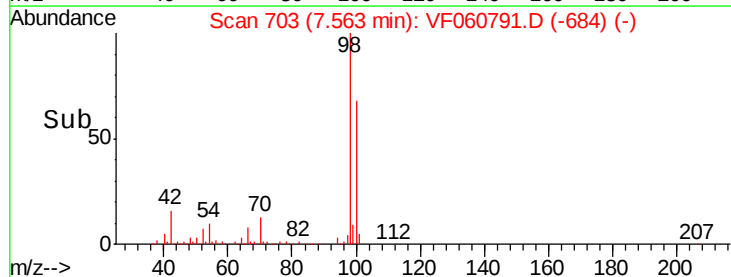
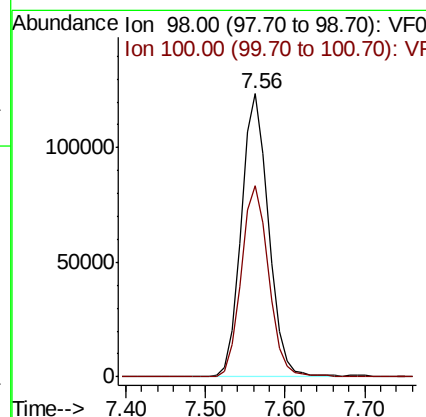
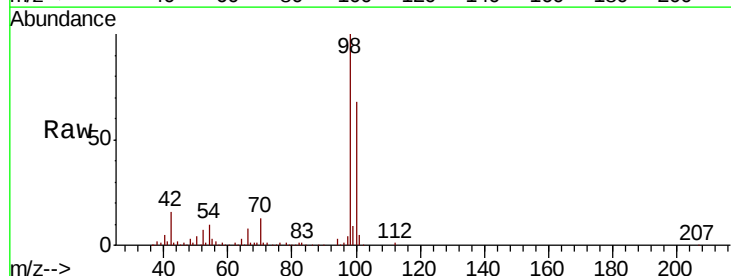
Manual Integrations
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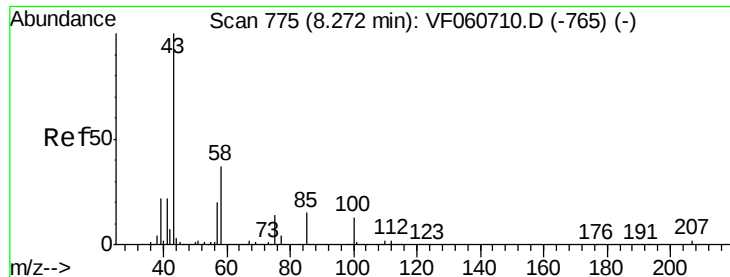
apatel
11/21/2018 10:39:15 AM



#50
Toluene-d8
Concen: 53.972 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.7	56.5	84.7





#51

4-Methyl-2-Pentanone

Concen: 258.573 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

Tot Ion: 43 Resp: 302767

Ion Ratio Lower Upper

43 100

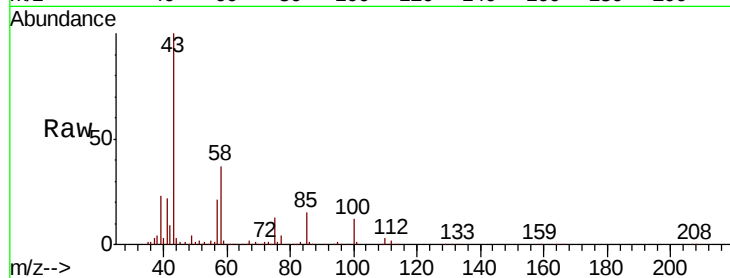
58 36.9 29.2 43.8

Manual Integrations

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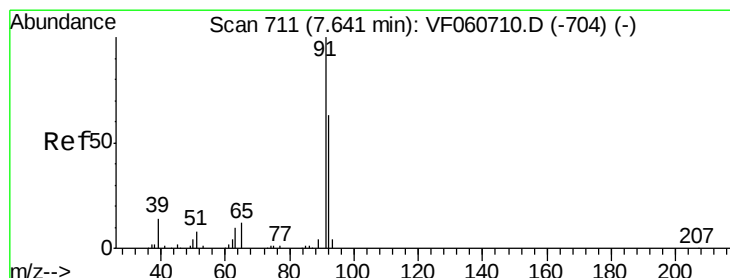
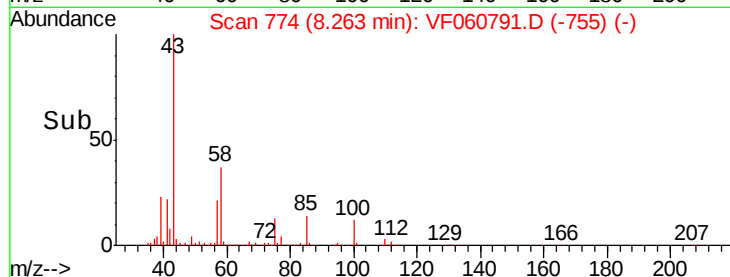
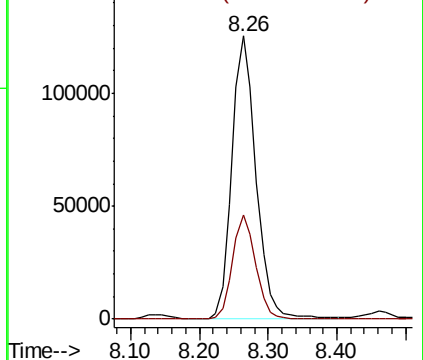
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 51.287 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.01 min

Lab File: VF060791.D

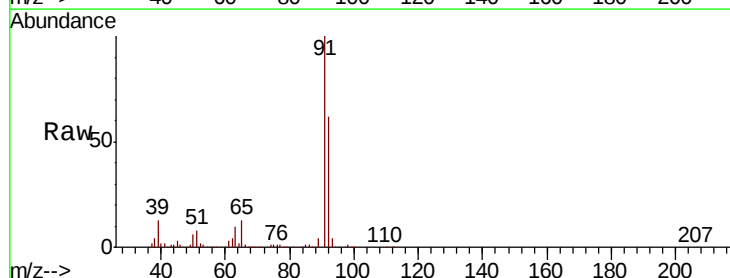
Acq: 19 Nov 2018 22:24

Tgt Ion: 92 Resp: 251622

Ion Ratio Lower Upper

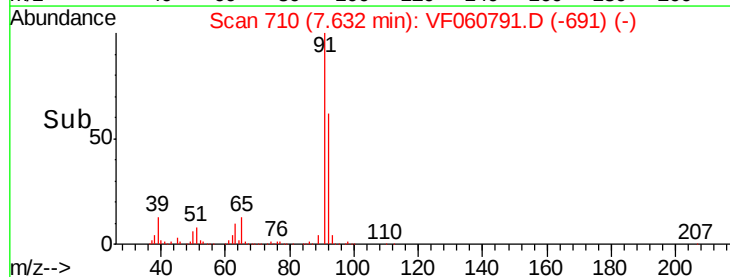
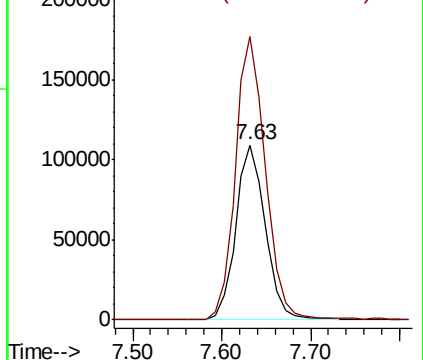
92 100

91 161.8 126.7 190.1



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: 47.421 ug/l

RT: 8.28 min Scan# 776

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

Tot Ion: 75 Resp: 121974

Ion Ratio Lower Upper

75 100

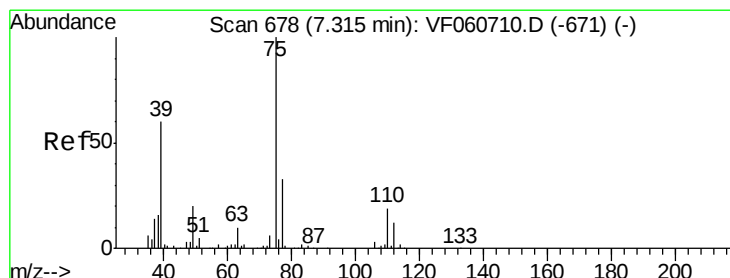
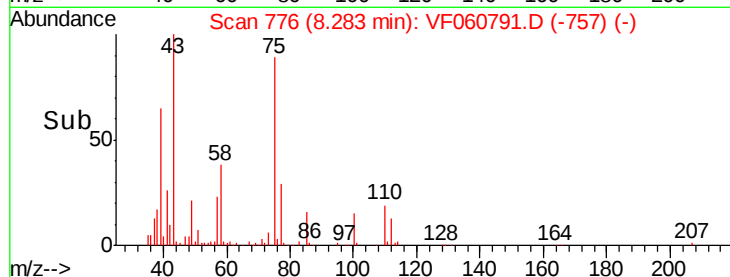
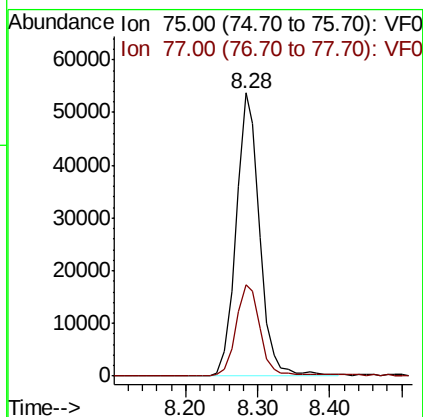
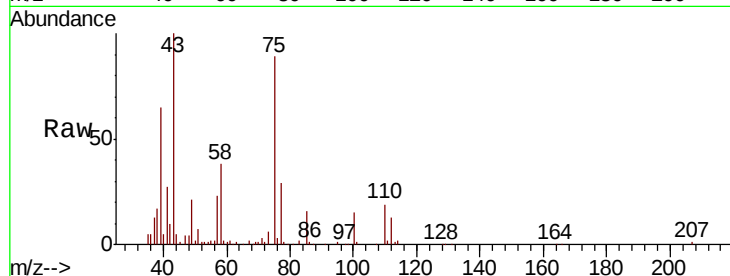
77 32.1 24.6 36.8

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#54

cis-1,3-Dichloropropene

Concen: 46.891 ug/l

RT: 7.31 min Scan# 677

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

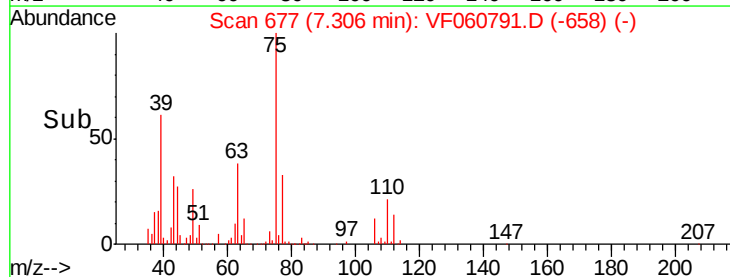
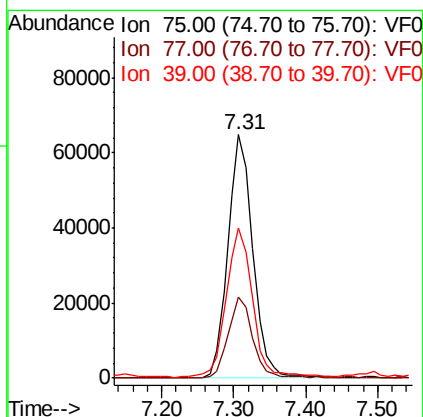
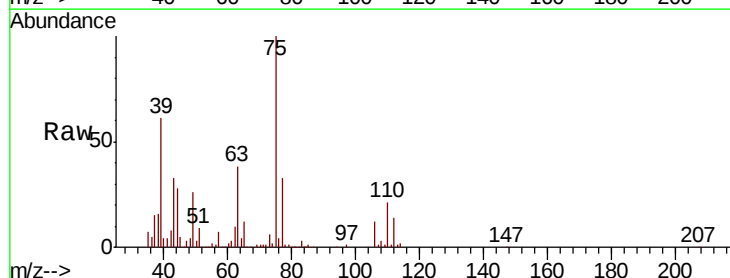
Tgt Ion: 75 Resp: 156667

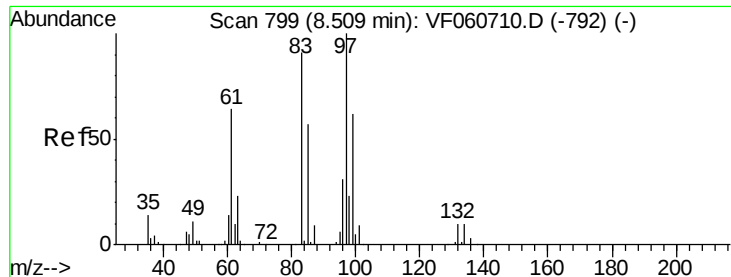
Ion Ratio Lower Upper

75 100

77 33.2 26.5 39.7

39 61.4 48.5 72.7





#55

1,1,2-Trichloroethane

Concen: 48.469 ug/l

RT: 8.50 min Scan# 798

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

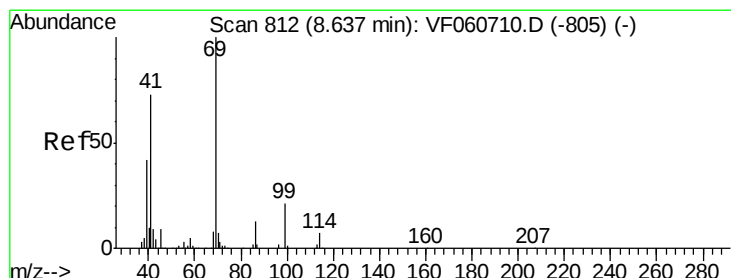
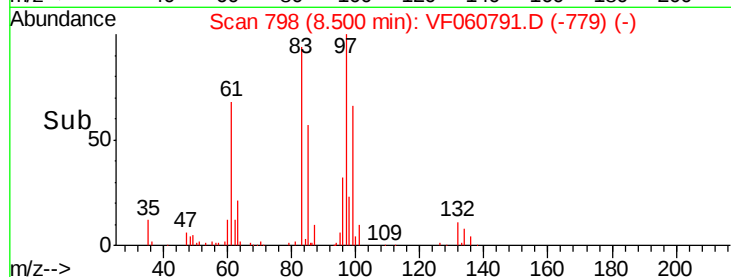
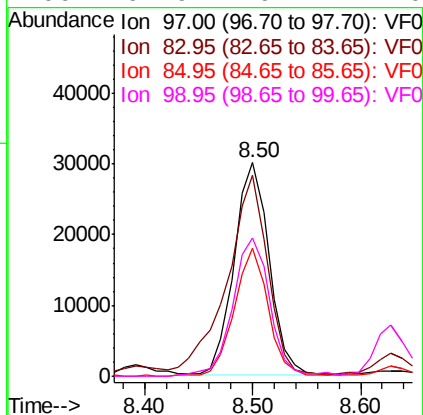
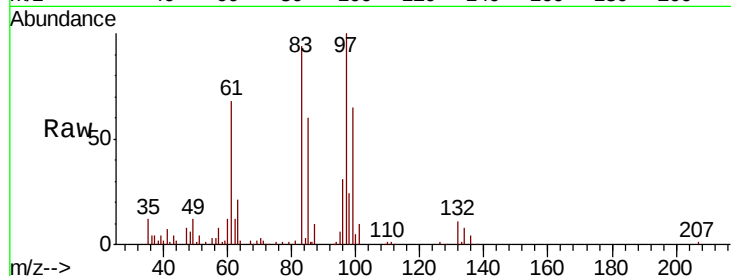
ClientSampleId :

SSI-21-TW-2MS

Tot Ion:	97	Resp:	67943
Ion	Ratio	Lower	Upper
97	100		
83	94.0	72.8	109.2
85	60.1	45.8	68.6
99	64.9	49.4	74.0

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#56

Ethyl methacrylate

Concen: 69.990 ug/l

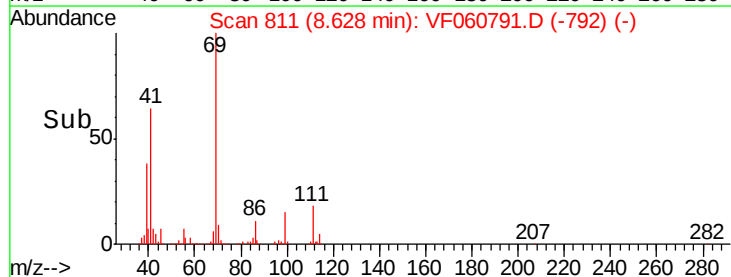
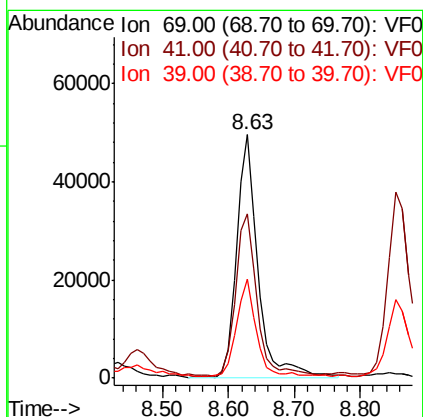
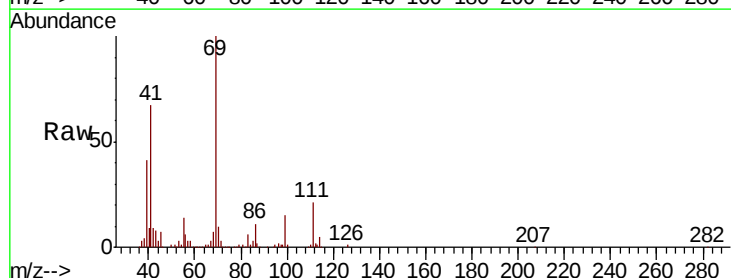
RT: 8.63 min Scan# 811

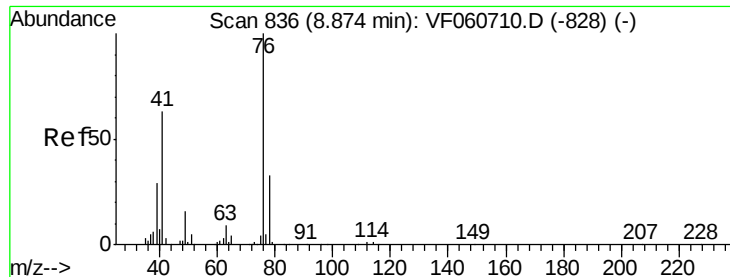
Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Tgt Ion:	69	Resp:	111425
Ion	Ratio	Lower	Upper
69	100		
41	67.3	59.0	88.6
39	40.7	34.0	51.0





#57

1,3-Dichloropropane

Concen: 49.239 ug/l

RT: 8.86 min Scan# 834

Delta R.T. -0.02 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

Tot Ion: 76 Resp: 119621

Ion Ratio Lower Upper

76 100

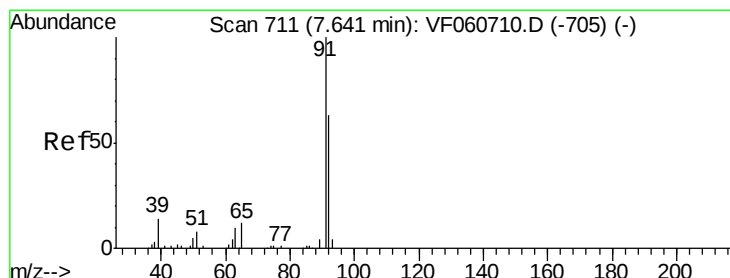
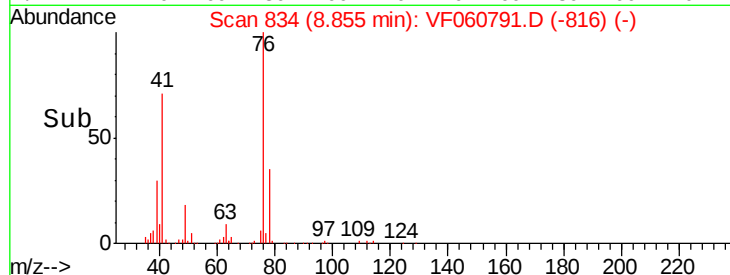
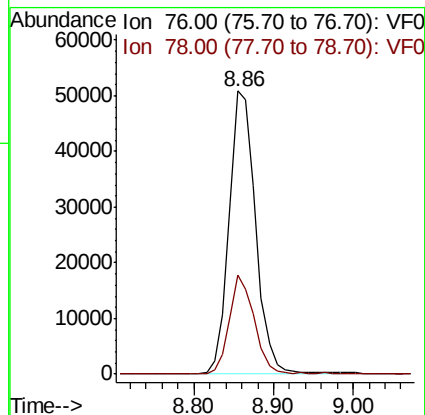
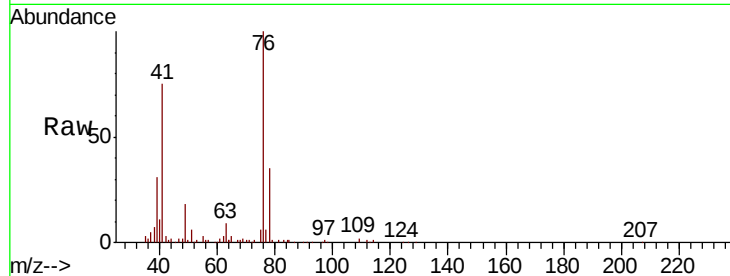
78 35.1 26.6 39.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 271.975 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.01 min

Lab File: VF060791.D

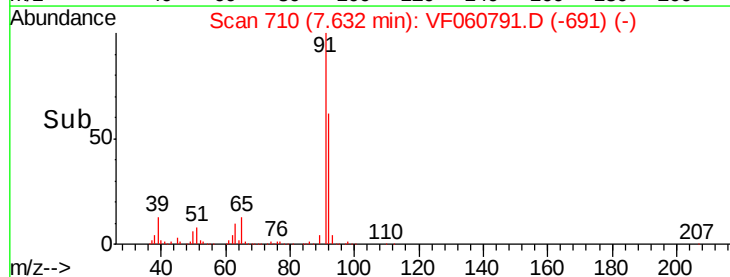
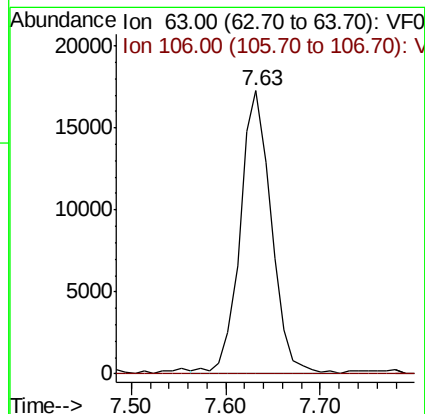
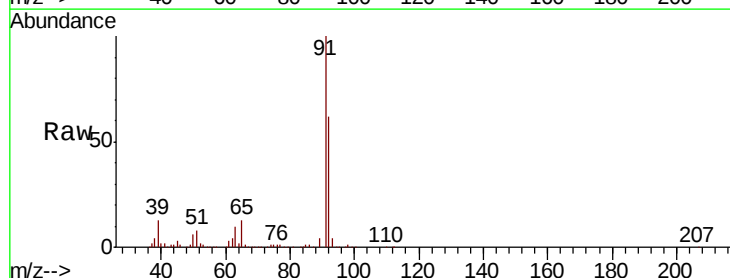
Acq: 19 Nov 2018 22:24

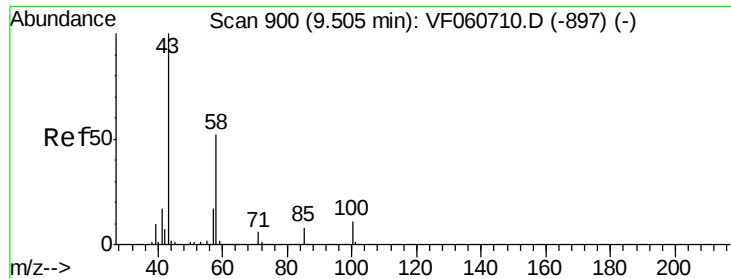
Tgt Ion: 63 Resp: 39553

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





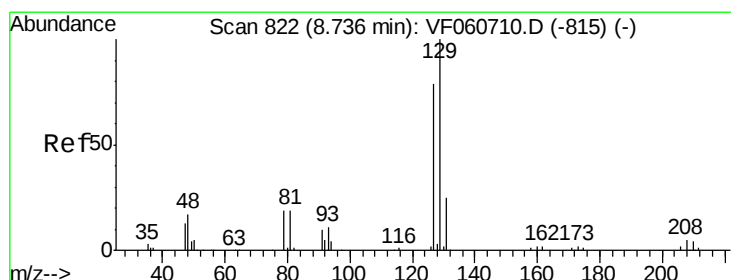
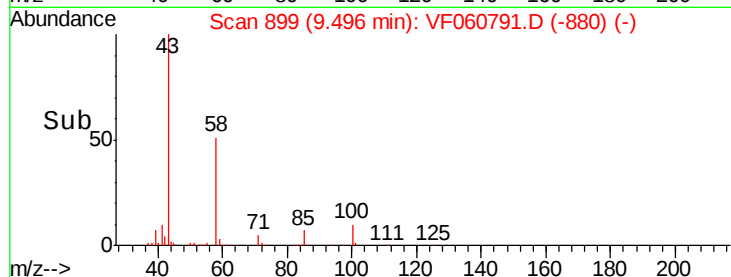
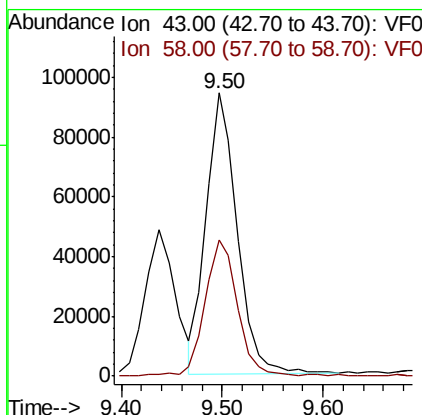
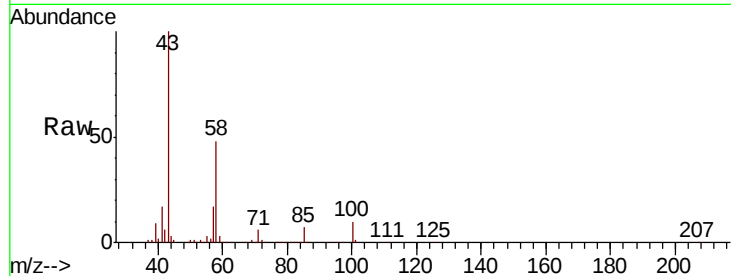
#59
2-Hexanone
Concen: 246.237 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.1	24.9	74.7

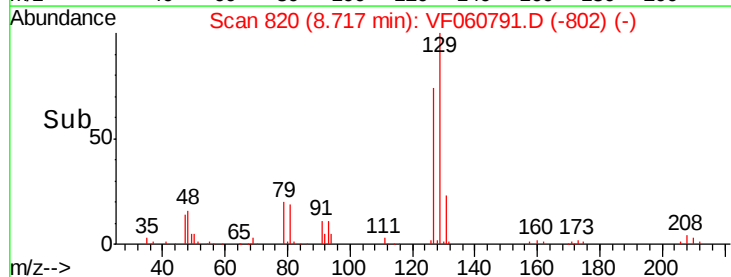
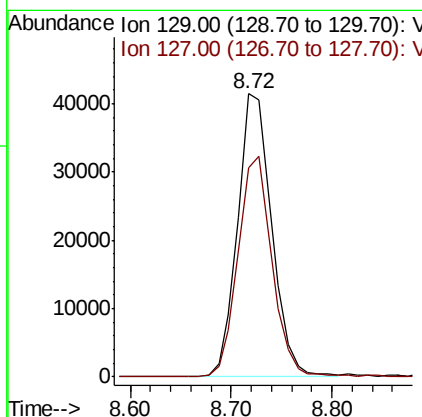
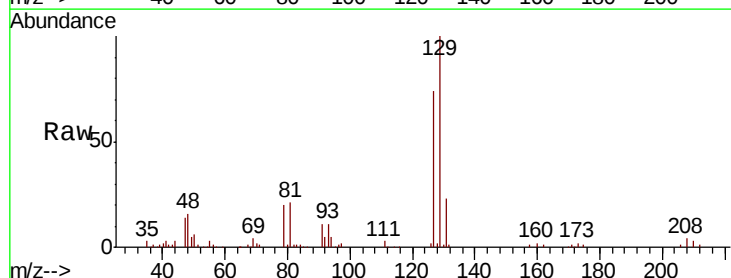
Manual Integrations
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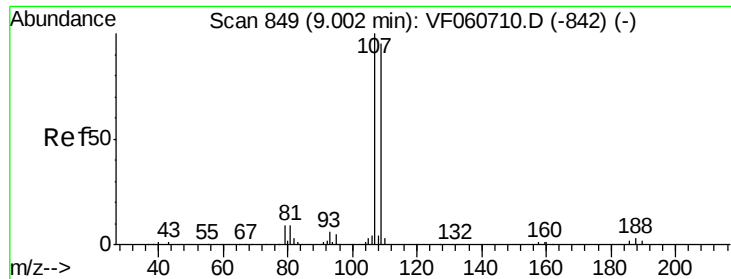
apatel
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#60
Dibromochloromethane
Concen: 49.019 ug/l
RT: 8.72 min Scan# 820
Delta R.T. -0.02 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
129	100		
127	73.8	39.7	119.1





#61

1,2-Dibromoethane

Concen: 50.097 ug/l

RT: 8.99 min Scan# 848

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

Tot Ion:107 Resp: 73855

Ion Ratio Lower Upper

107 100

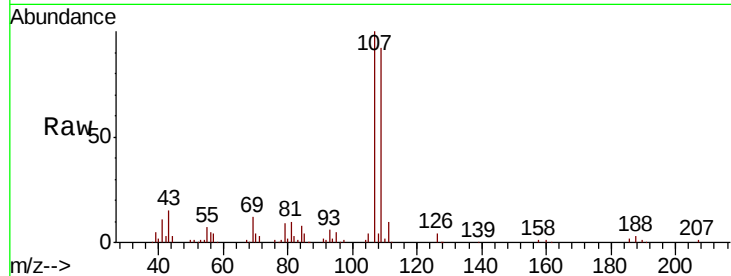
109 92.4 75.9 113.9

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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.99

30000

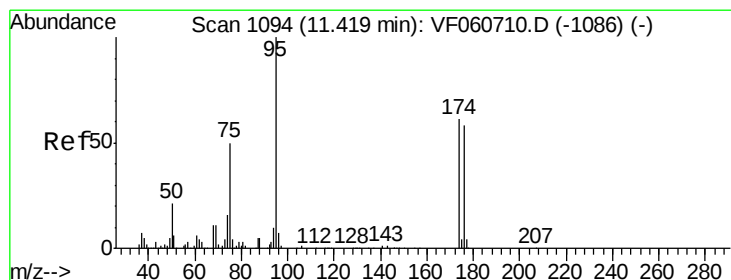
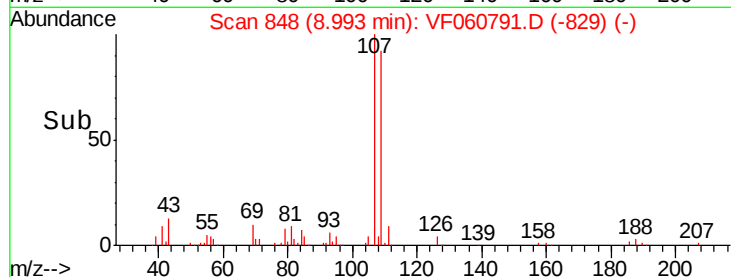
20000

10000

0

8.90 9.00 9.10

Time-->



#62

4-Bromofluorobenzene

Concen: 53.537 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

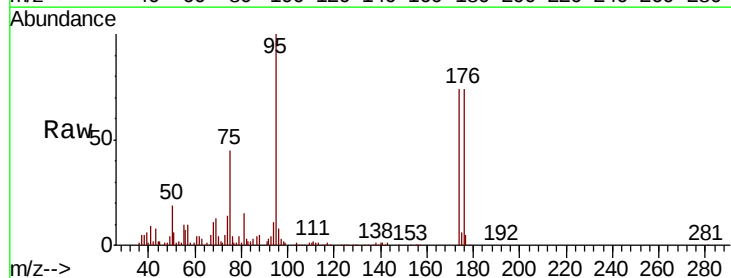
Tgt Ion: 95 Resp: 134146

Ion Ratio Lower Upper

95 100

174 74.5 0.0 121.6

176 73.7 0.0 115.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.42

100000

80000

60000

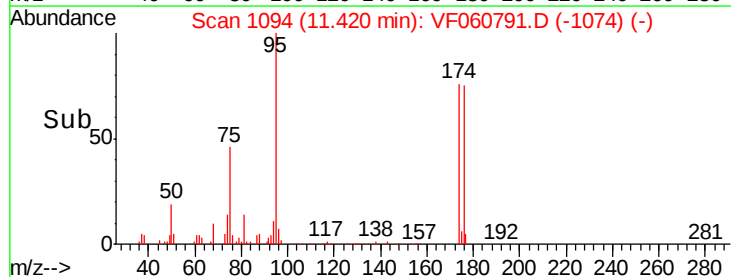
40000

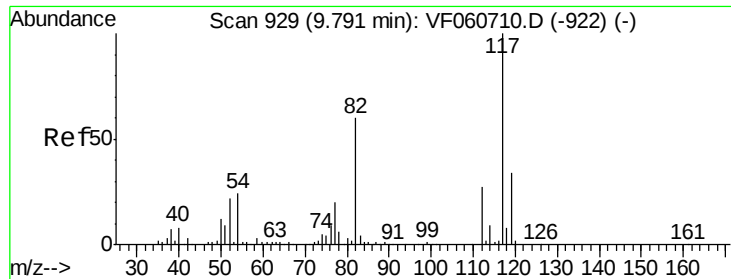
20000

0

11.30 11.40 11.50

Time-->





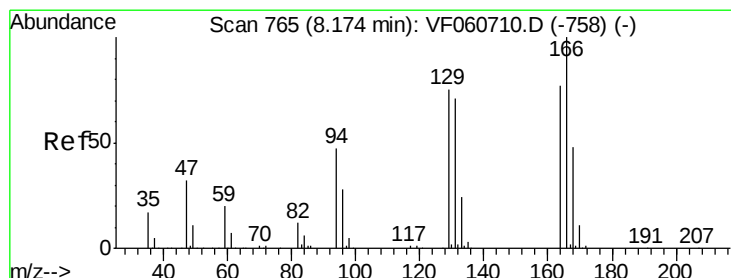
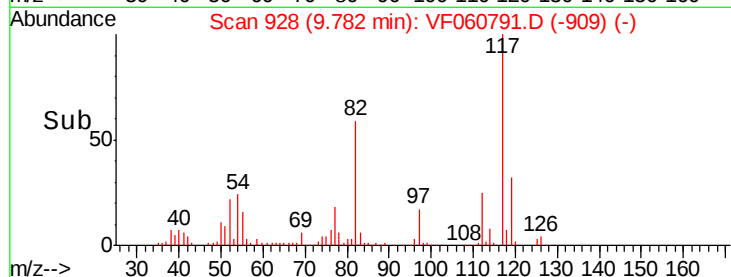
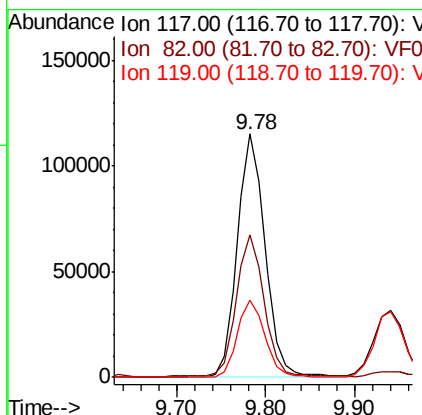
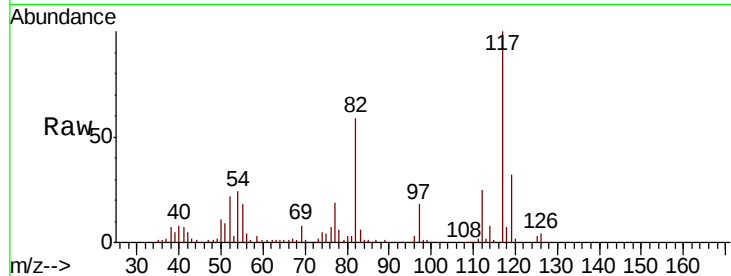
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	251105		
82	58.8	47.9	71.9	
119	31.9	26.8	40.2	

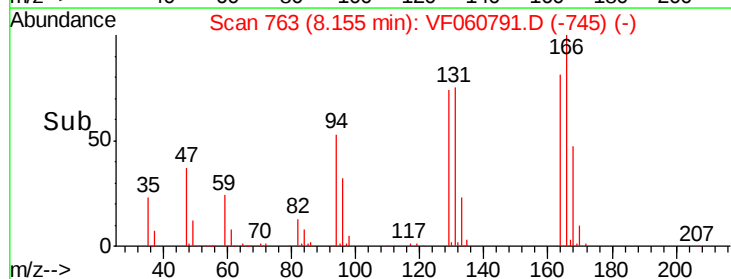
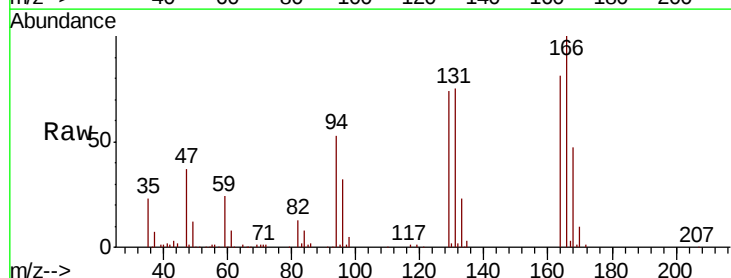
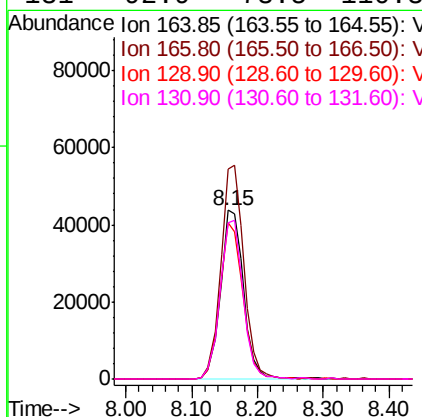
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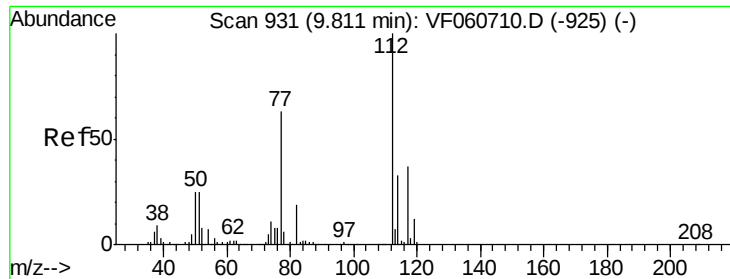
apatel
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#64
Tetrachloroethene
Concen: 53.426 ug/l
RT: 8.15 min Scan# 763
Delta R.T. -0.02 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	106237		
166	124.1	103.5	155.3	
129	92.4	77.4	116.2	
131	92.9	73.5	110.3	





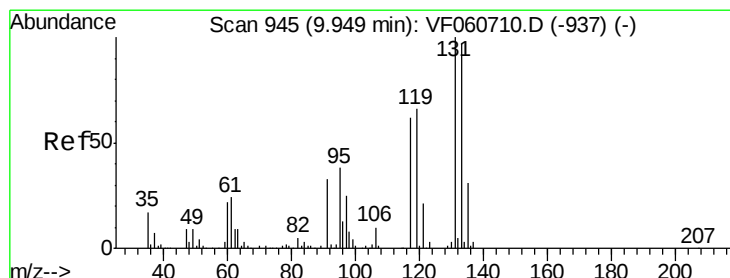
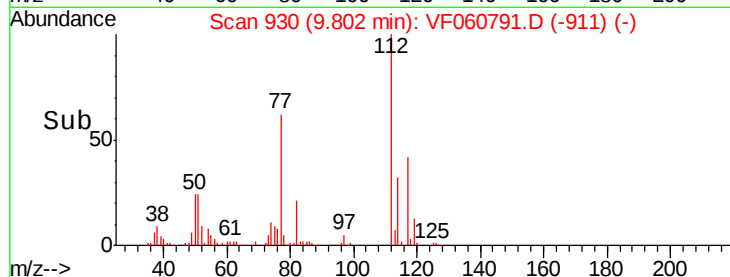
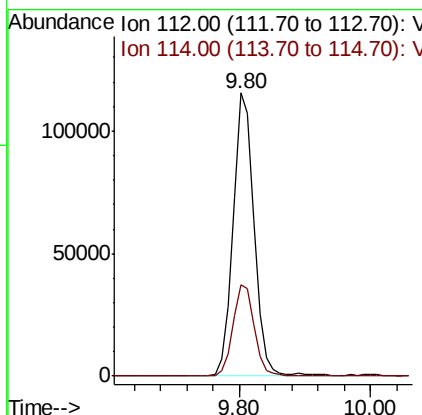
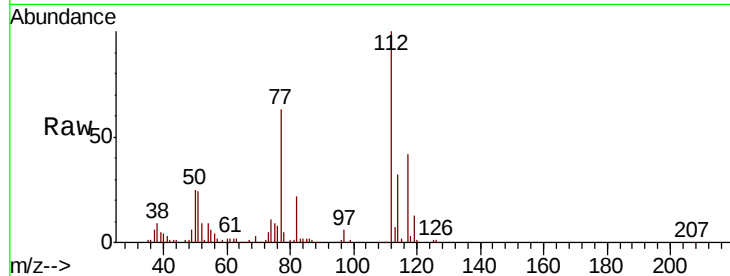
#65
Chlorobenzene
Concen: 51.413 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	260516		
114	32.3	26.1	39.1	

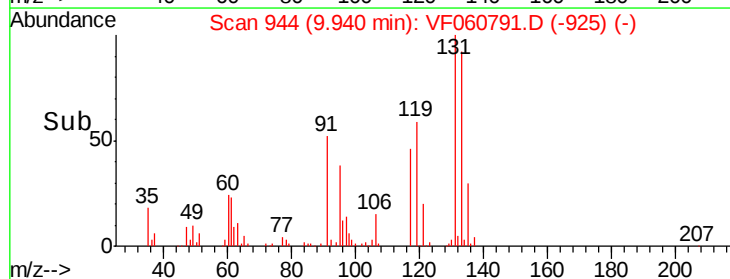
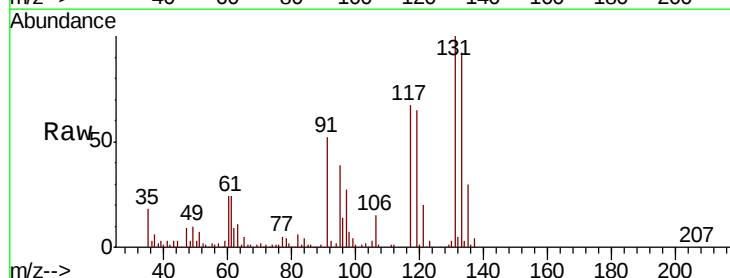
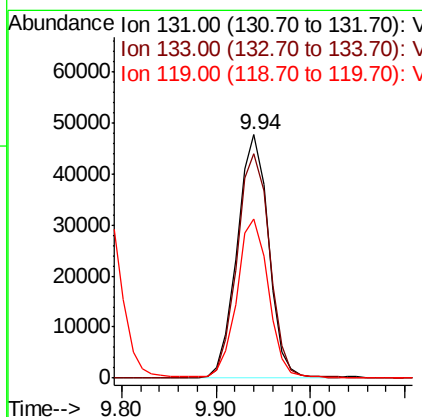
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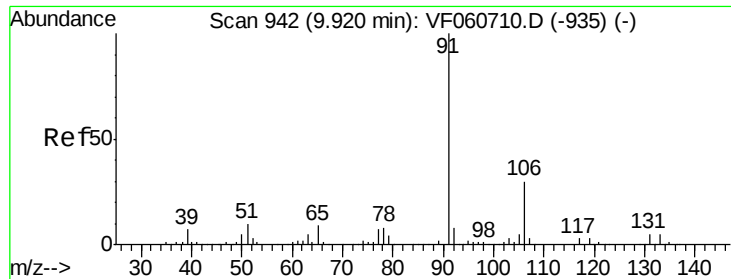
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.079 ug/l
RT: 9.94 min Scan# 944
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	110679		
133	92.2	48.3	144.8	
119	65.4	33.2	99.6	





#67

Ethyl Benzene

Concen: 63.896 ug/l

RT: 9.91 min Scan# 941

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

Tot Ion: 91 Resp: 610282

Ion Ratio Lower Upper

91 100

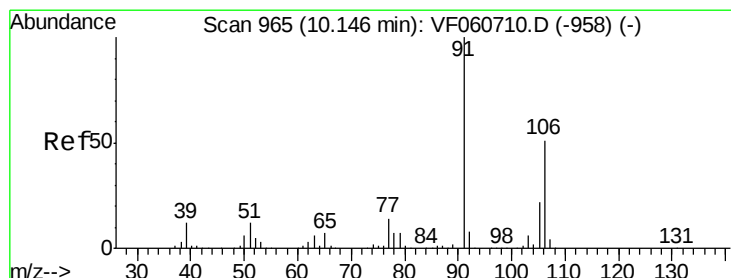
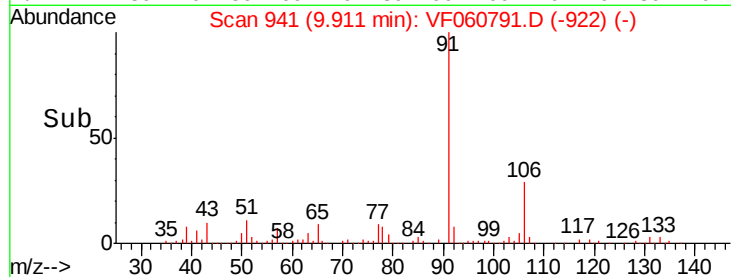
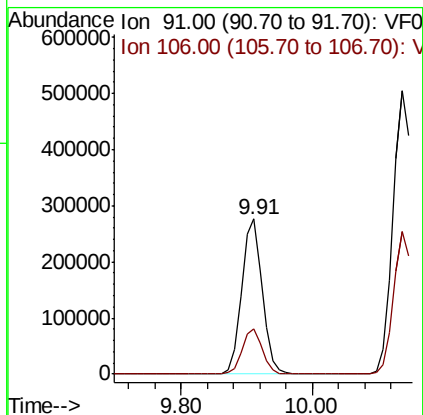
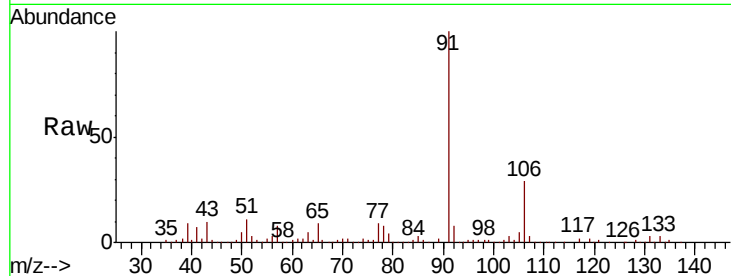
106 29.4 23.9 35.9

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#68

m/p-Xylenes

Concen: 159.763 ug/l

RT: 10.14 min Scan# 964

Delta R.T. -0.01 min

Lab File: VF060791.D

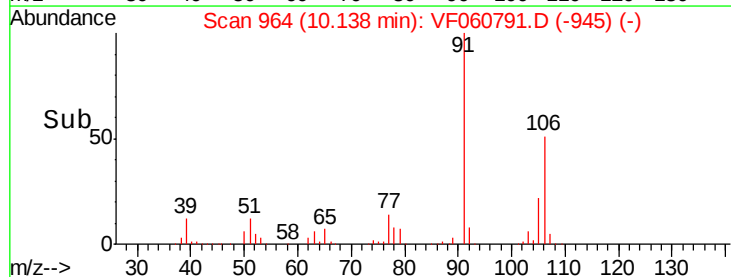
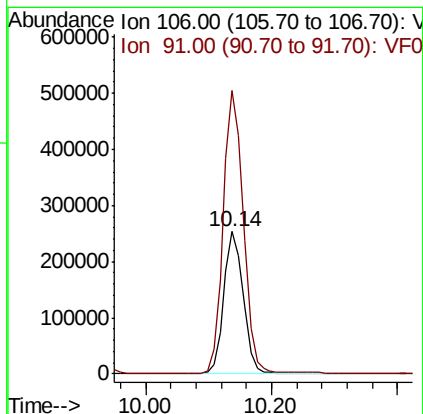
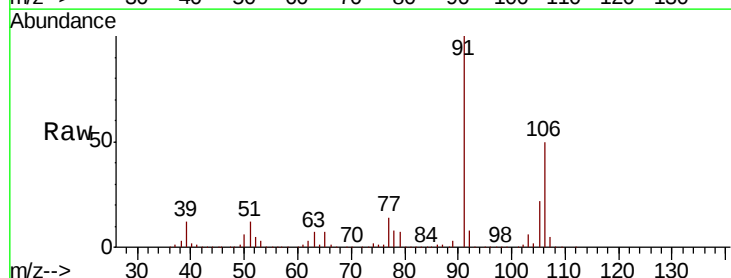
Acq: 19 Nov 2018 22:24

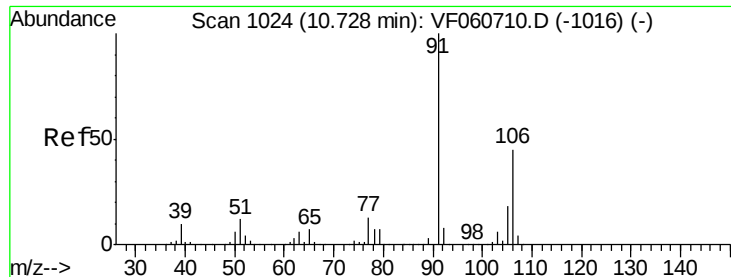
Tgt Ion: 106 Resp: 545326

Ion Ratio Lower Upper

106 100

91 199.4 158.2 237.2





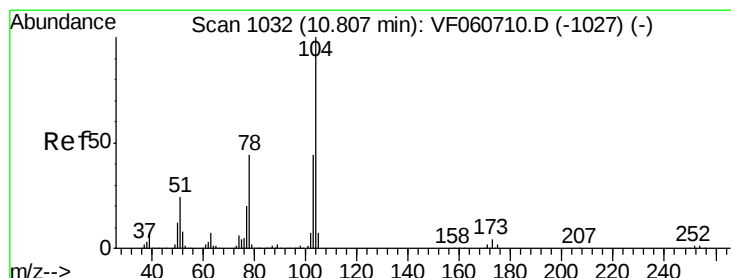
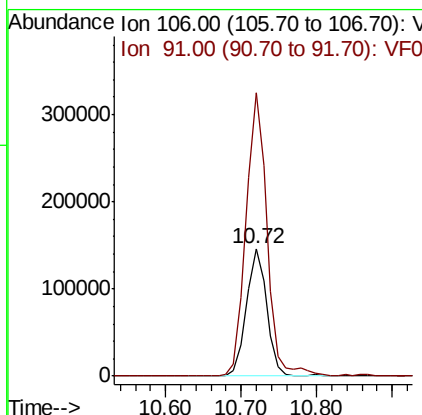
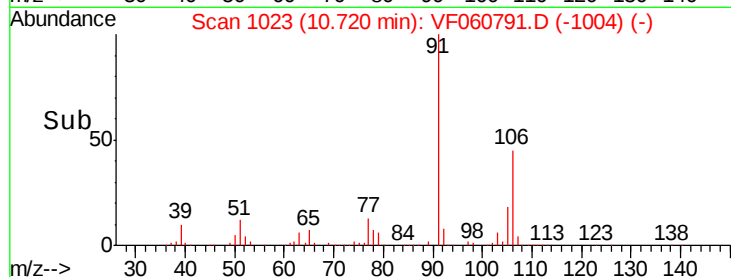
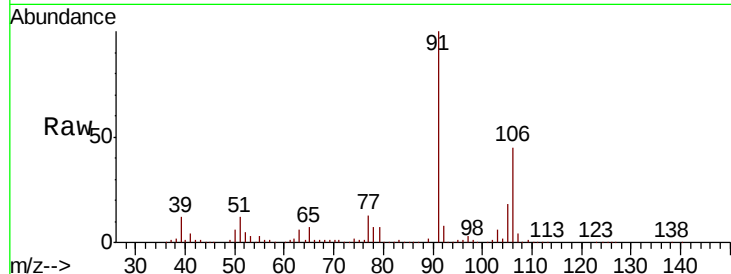
#69
o-Xylene
Concen: 71.842 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion:106 Resp: 275699
Ion Ratio Lower Upper
106 100
91 222.0 110.3 330.9

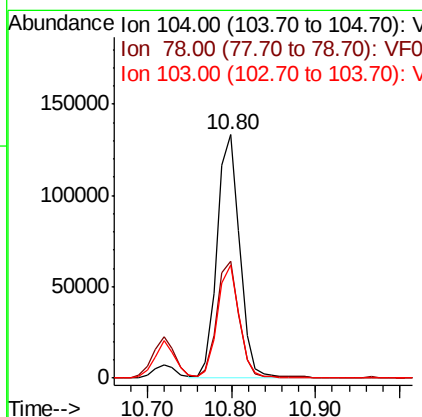
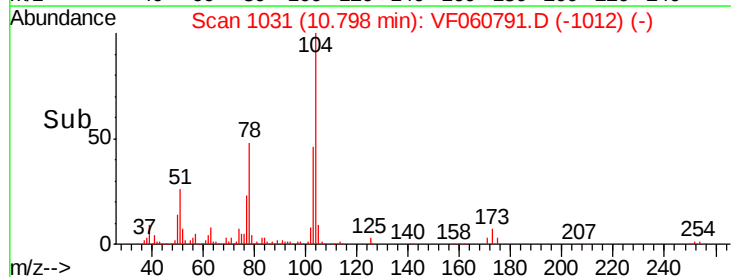
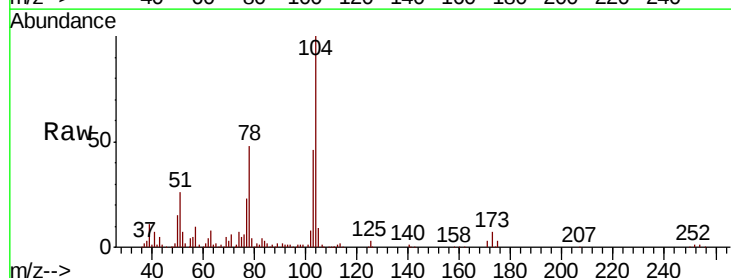
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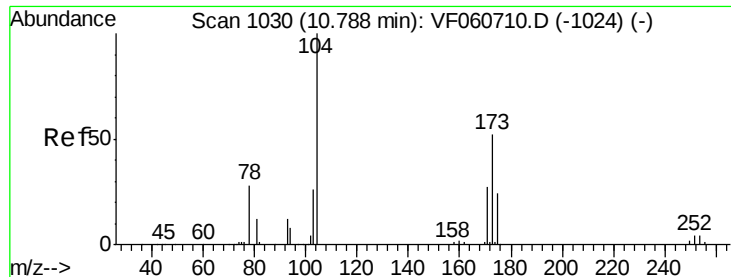
apatel
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#70
Styrene
Concen: 47.722 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion:104 Resp: 248542
Ion Ratio Lower Upper
104 100
78 47.9 35.4 53.2
103 46.4 35.8 53.6





#71

Bromoform

Concen: 48.250 ug/l

RT: 10.78 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

Tot Ion:173 Resp: 47953

Ion Ratio Lower Upper

173 100

175 52.0 23.4 70.0

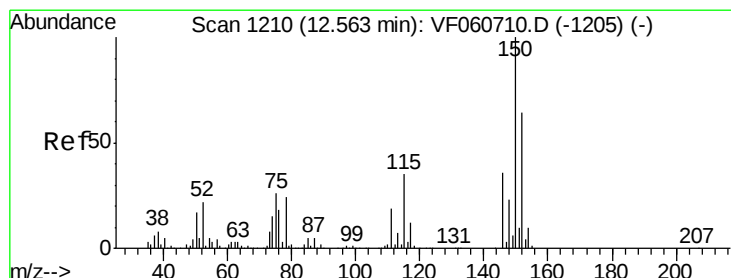
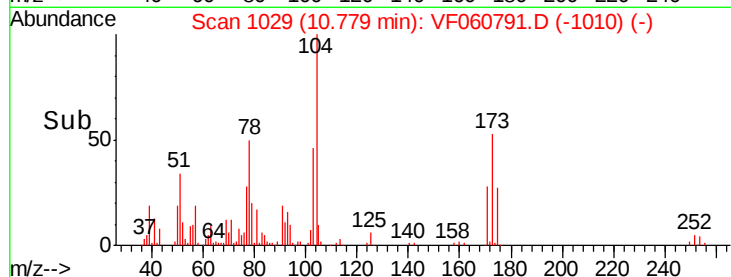
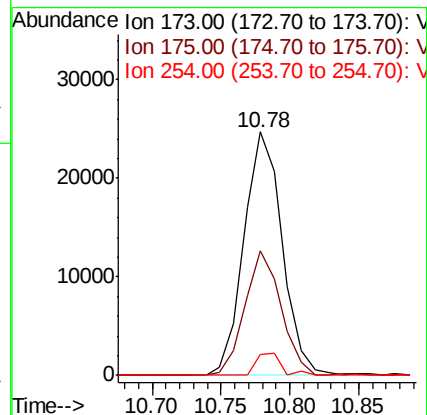
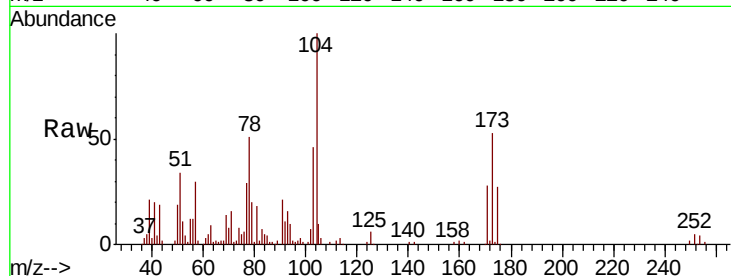
254 8.4 5.8 8.8

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

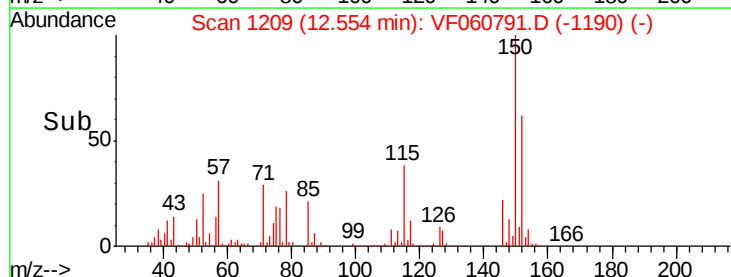
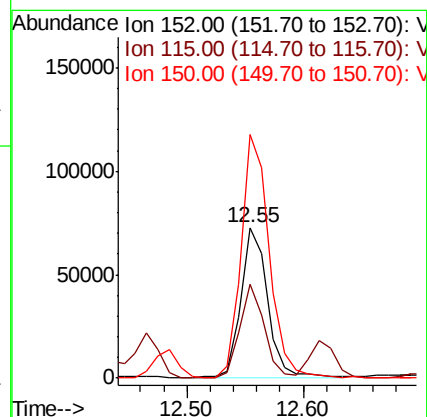
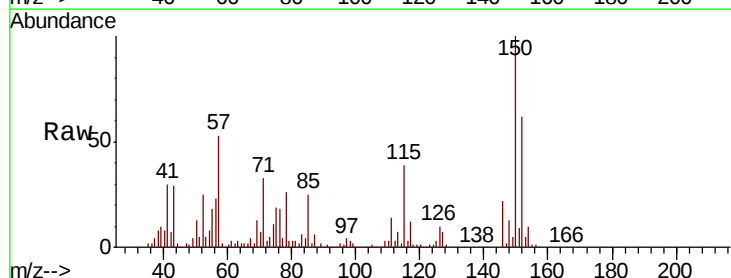
Tgt Ion:152 Resp: 114284

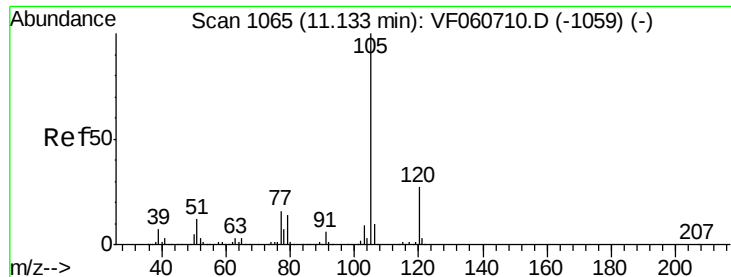
Ion Ratio Lower Upper

152 100

115 62.4 27.9 83.7

150 161.9 0.0 316.4





#73

Isopropylbenzene

Concen: 55.674 ug/l

RT: 11.13 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2MS

Tot Ion:105 Resp: 512148

Ion Ratio Lower Upper

105 100

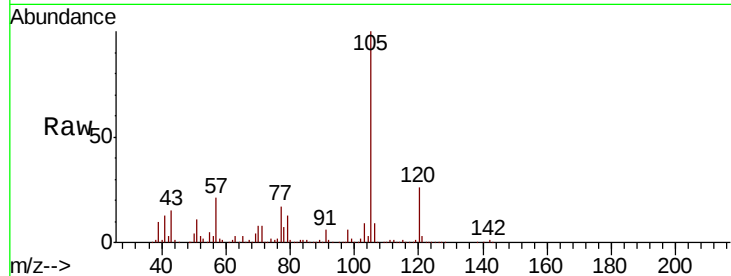
120 26.0 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.13

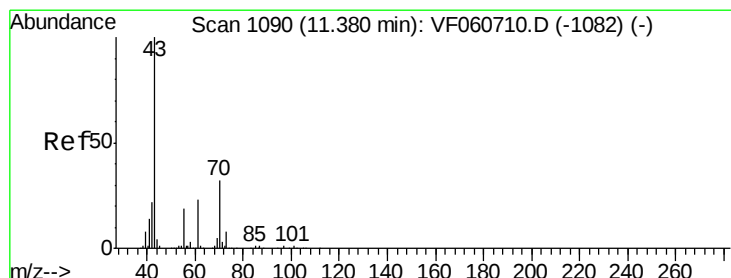
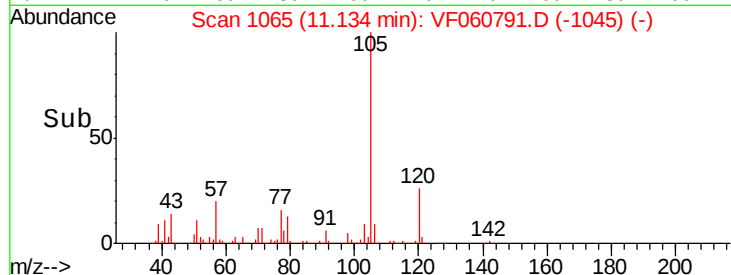
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 64.534 ug/l

RT: 11.38 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Tgt Ion: 43 Resp: 135145

Ion Ratio Lower Upper

43 100

70 37.2 25.5 38.3

55 25.8 14.9 22.3#

61 23.9 18.6 27.8

Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

120000

100000

80000

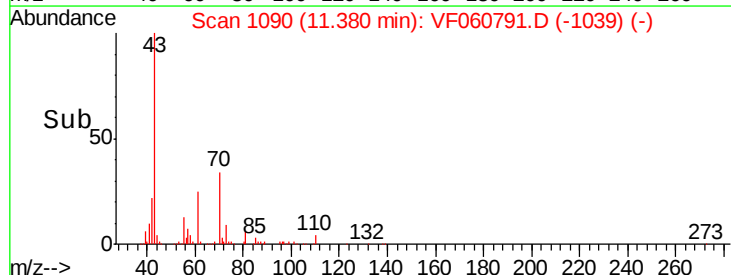
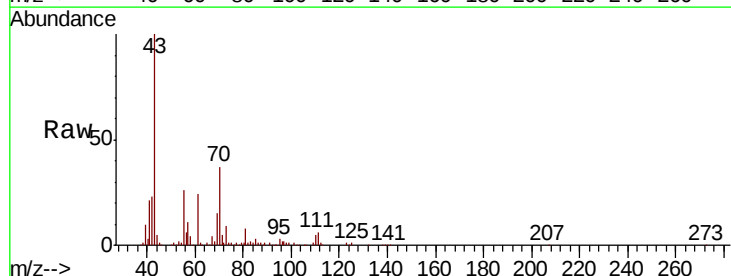
60000

40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 61.115 ug/l

RT: 11.71 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

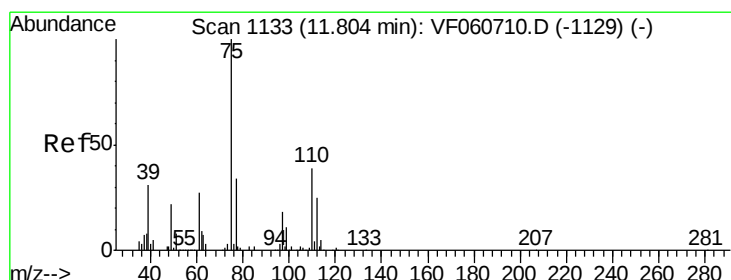
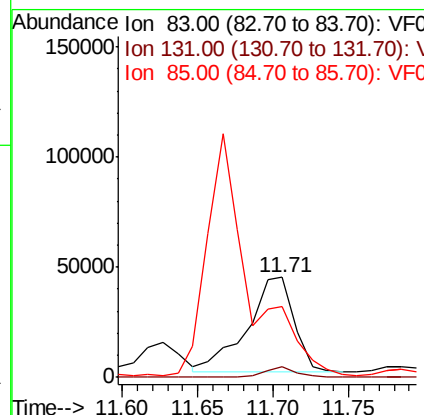
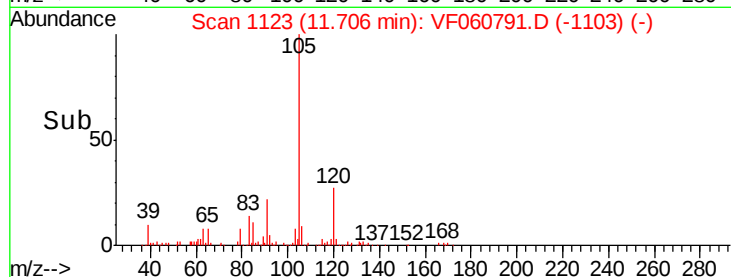
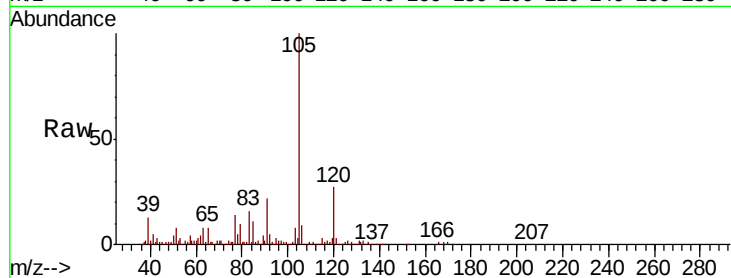
ClientSampleId :

SSI-21-TW-2MS

Tot Ion:	83	Resp:	92949
Ion Ratio	Lower	Upper	
83	100		
131	10.7	4.2	12.4
85	70.5	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 58.934 ug/l

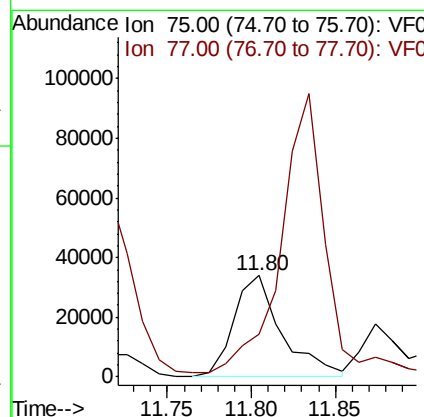
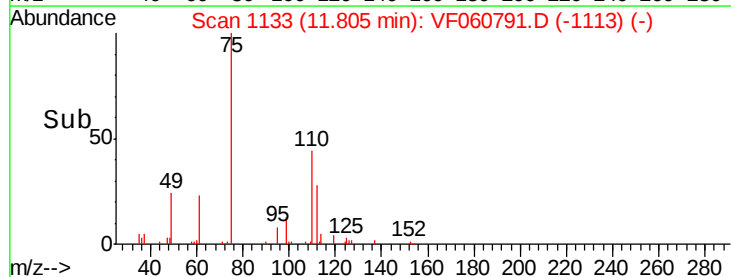
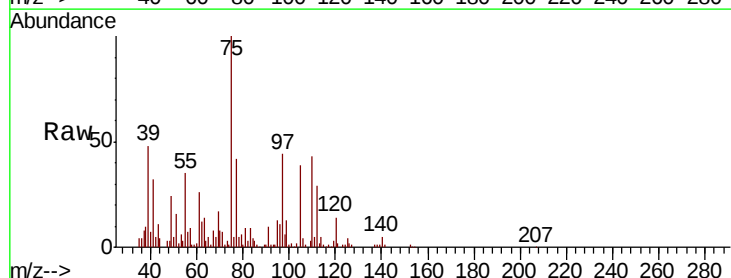
RT: 11.80 min Scan# 1133

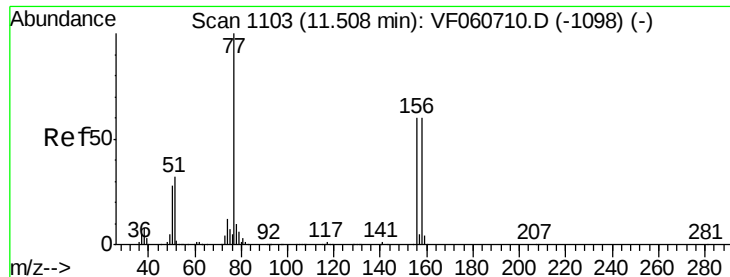
Delta R.T. 0.00 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Tgt Ion:	75	Resp:	66568
Ion Ratio	Lower	Upper	
75	100		
77	41.9	17.0	51.0





#77

Bromobenzene

Concen: 55.017 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

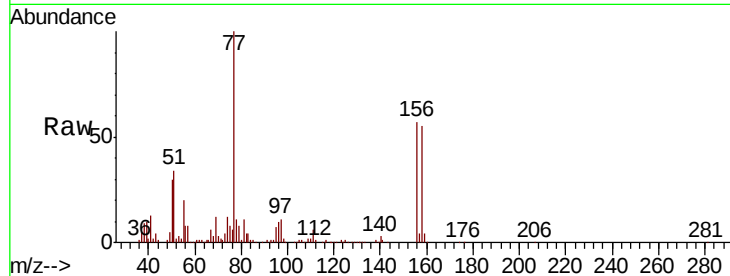
ClientSampleId :

SSI-21-TW-2MS

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	175.8	83.0	248.9	
158	96.2	49.6	149.0	

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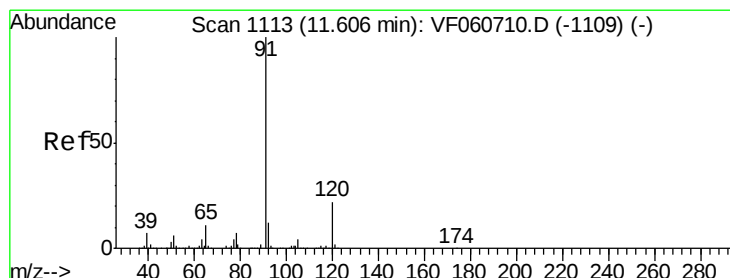
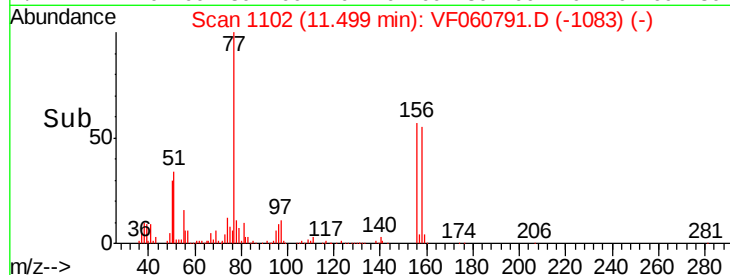
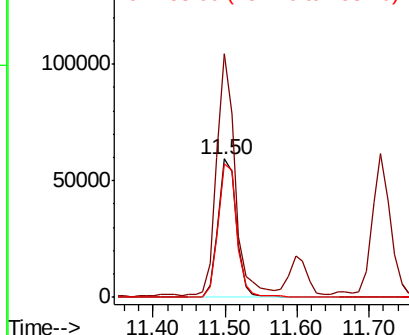
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 62.072 ug/l

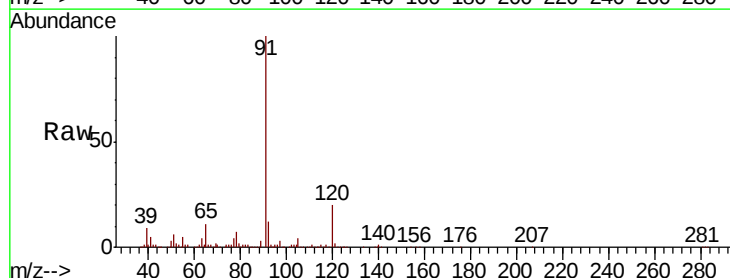
RT: 11.60 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF060791.D

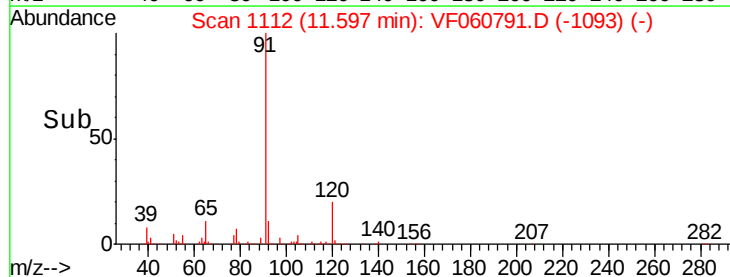
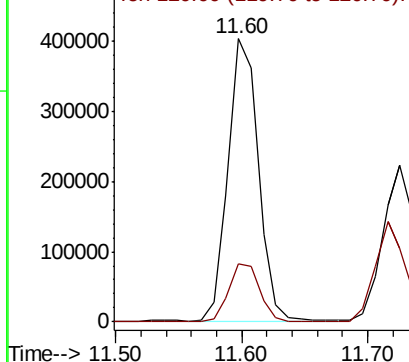
Acq: 19 Nov 2018 22:24

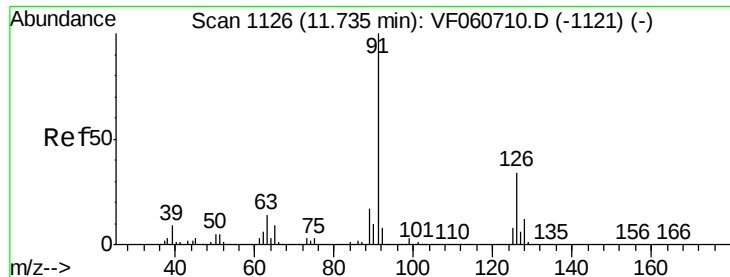
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	20.3	11.2	33.5	



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





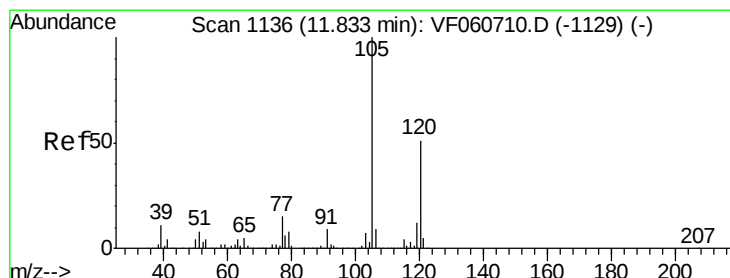
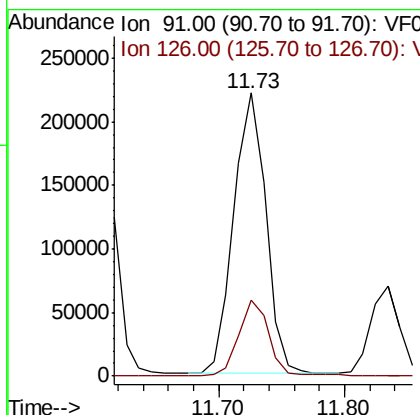
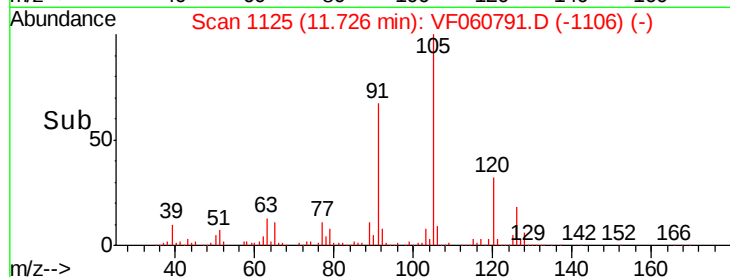
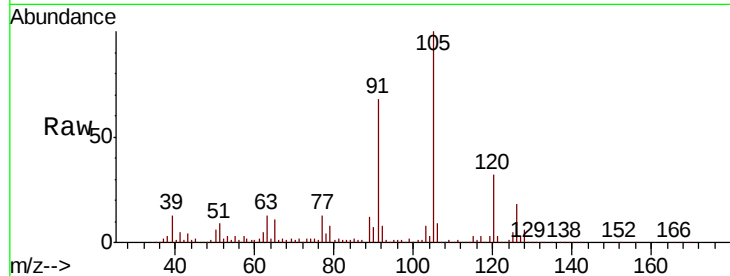
#79
2-Chlorotoluene
Concen: 62.561 ug/l
RT: 11.73 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion: 91 Resp: 390105
Ion Ratio Lower Upper
91 100
126 26.9 16.8 50.4

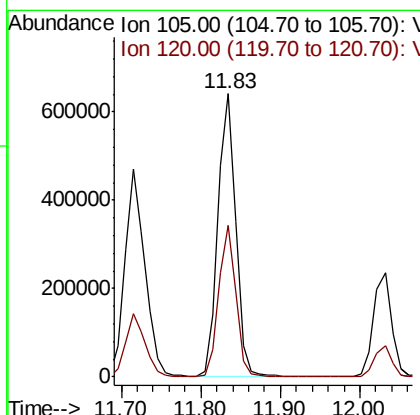
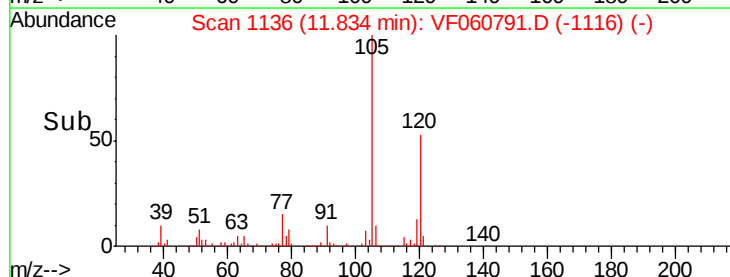
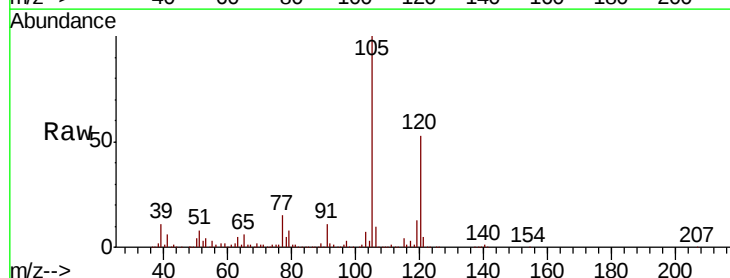
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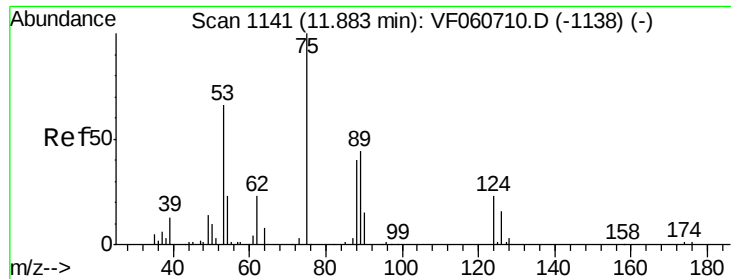
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#80
1,3,5-Trimethylbenzene
Concen: 140.034 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion: 105 Resp: 1022703
Ion Ratio Lower Upper
105 100
120 53.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.490 ug/l m

RT: 11.87 min Scan# 1140

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Instrument :

MSVOA_F

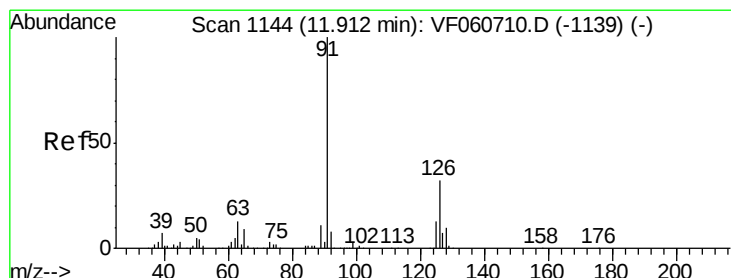
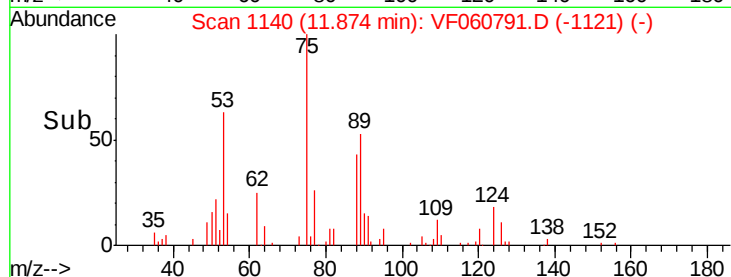
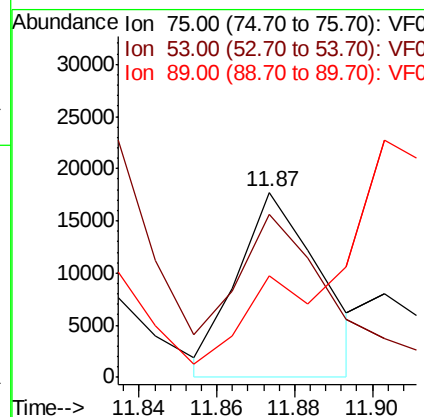
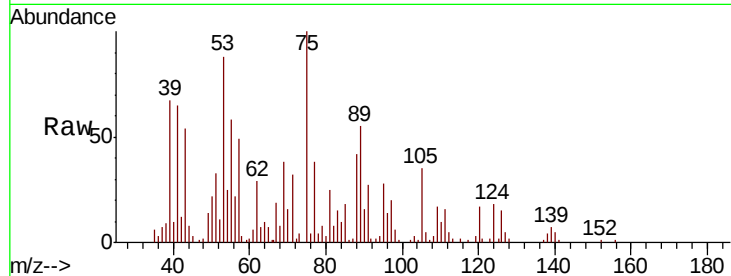
ClientSampleId :

SSI-21-TW-2MS

Tot Ion:	75	Resp:	26353
Ion	Ratio	Lower	Upper
75	100		
53	88.3	57.0	85.4#
89	54.8	37.8	56.8

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#82

4-Chlorotoluene

Concen: 51.997 ug/l

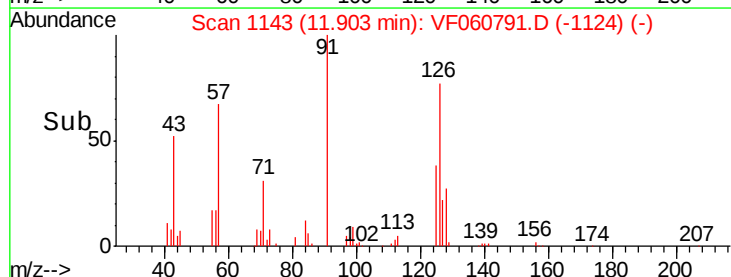
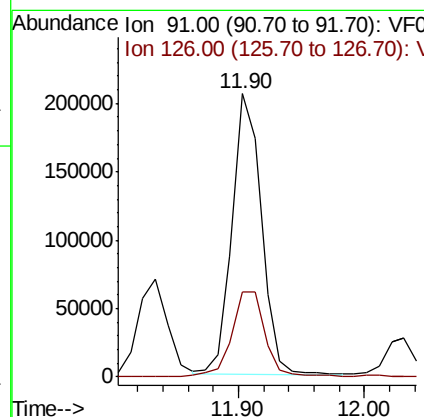
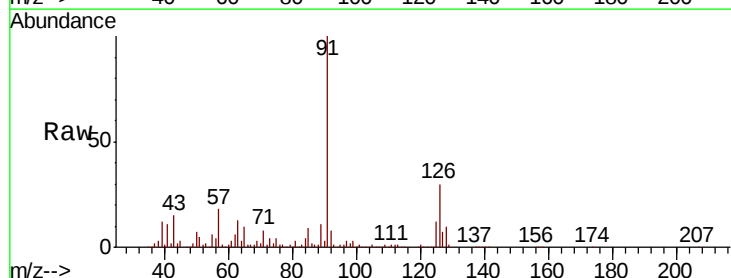
RT: 11.90 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VF060791.D

Acq: 19 Nov 2018 22:24

Tgt Ion:	91	Resp:	332162
Ion	Ratio	Lower	Upper
91	100		
126	30.2	16.0	47.9





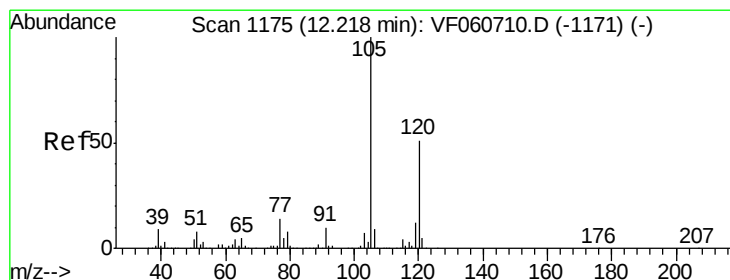
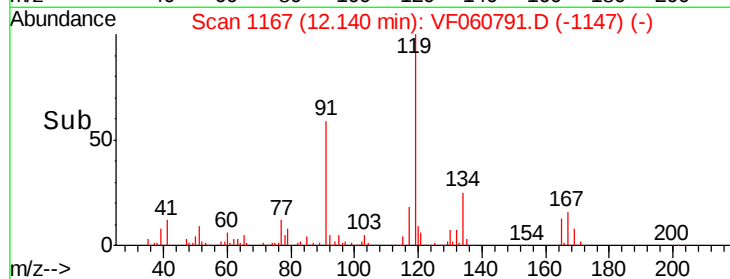
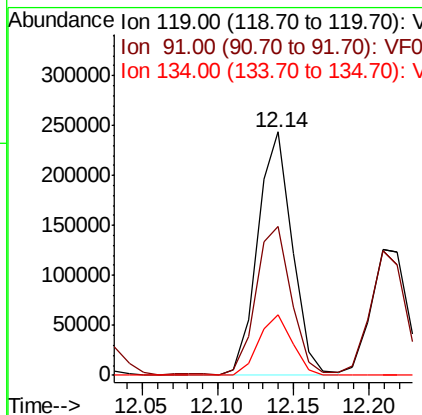
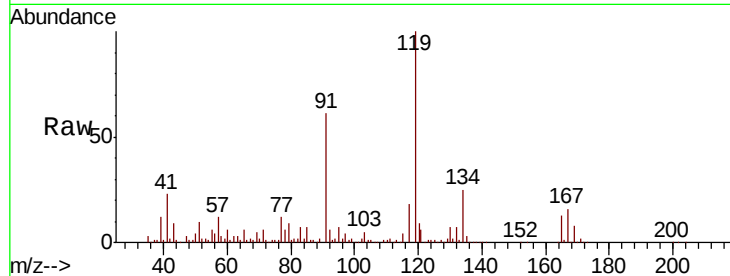
#83
 tert-Butylbenzene
 Concen: 49.976 ug/l
 RT: 12.14 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	387535		
91	60.9		31.4	94.3
134	24.9		12.8	38.4

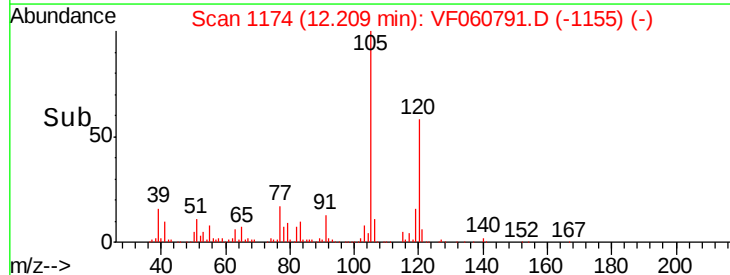
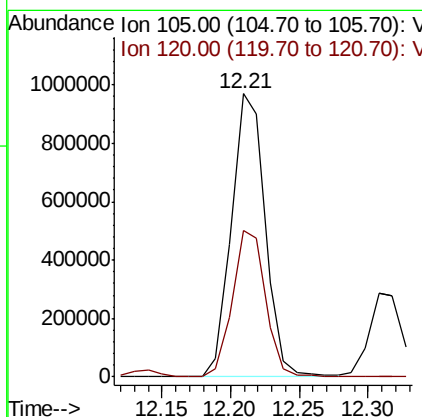
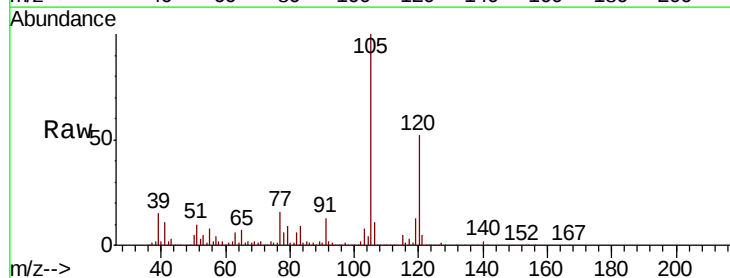
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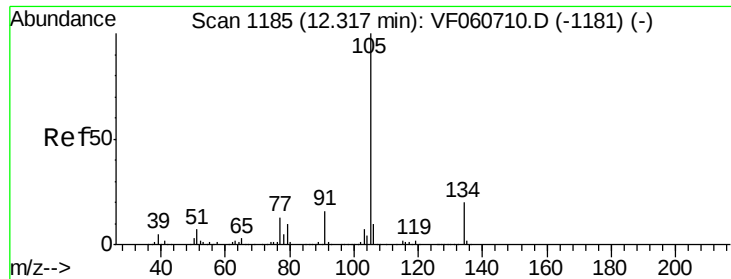
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#84
 1,2,4-Trimethylbenzene
 Concen: 218.886 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1653284		
120	51.6		25.5	76.5





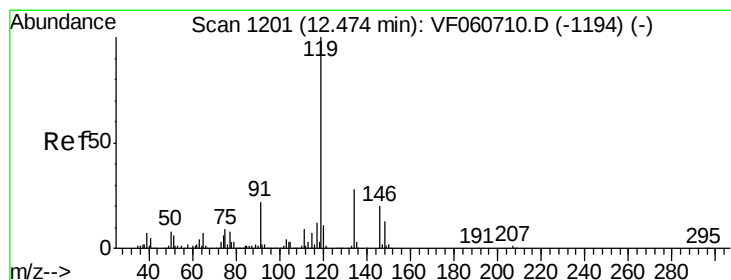
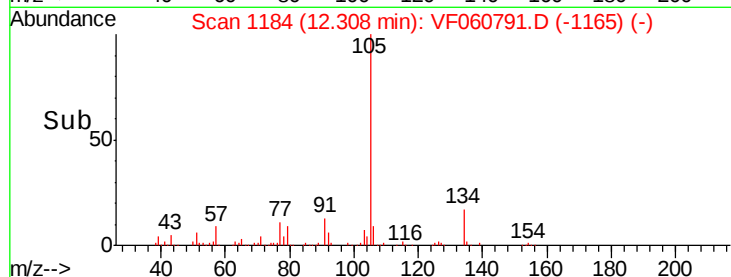
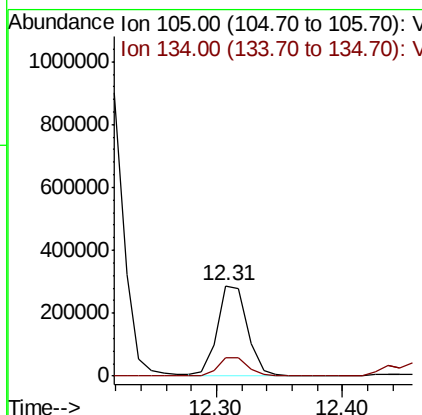
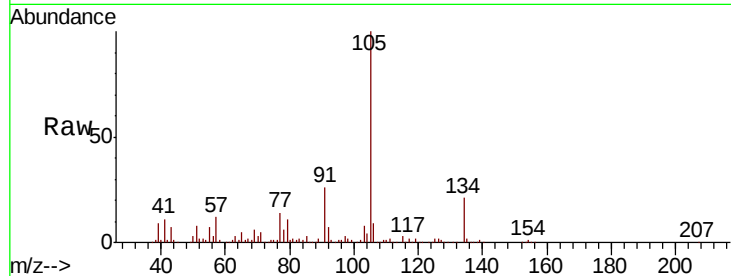
#85
 sec-Butylbenzene
 Concen: 44.750 ug/l
 RT: 12.31 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Instrument :
 MSVOA_F
 ClientSampleID :
 SSI-21-TW-2MS

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.1	30.3

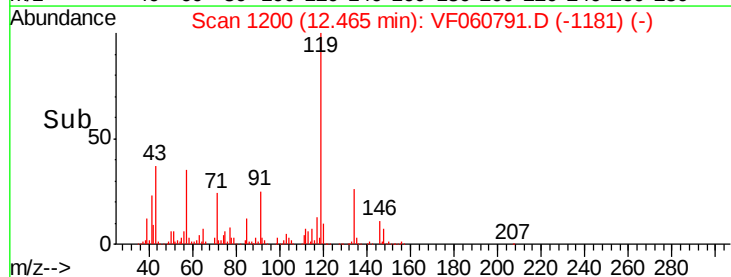
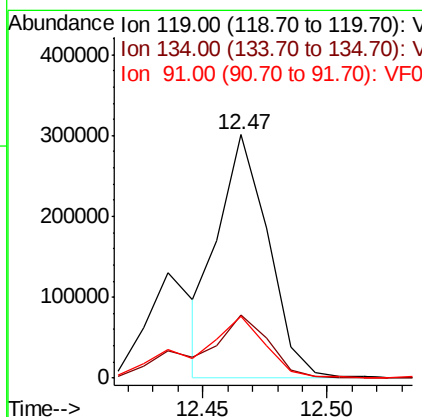
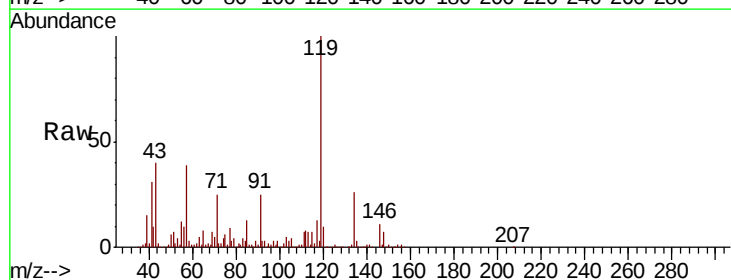
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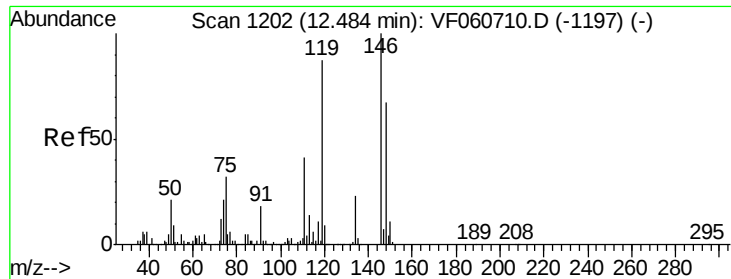
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#86
 p-Isopropyltoluene
 Concen: 47.430 ug/l m
 RT: 12.47 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.9	41.7
91	25.4	11.3	33.9





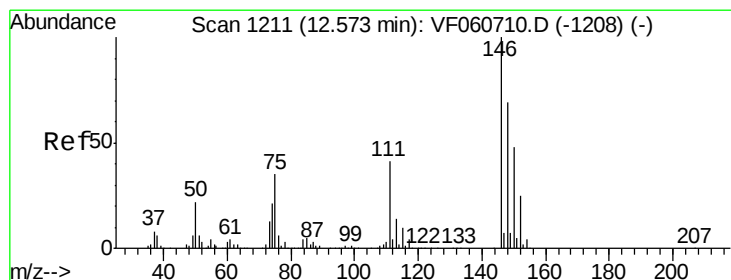
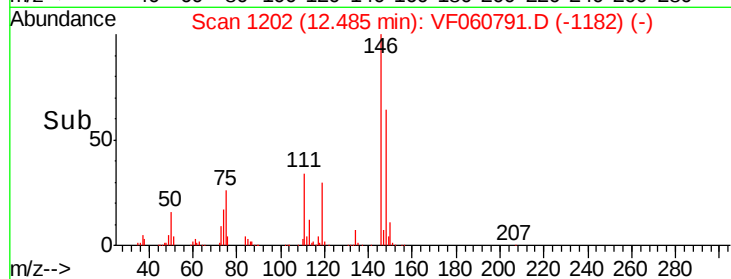
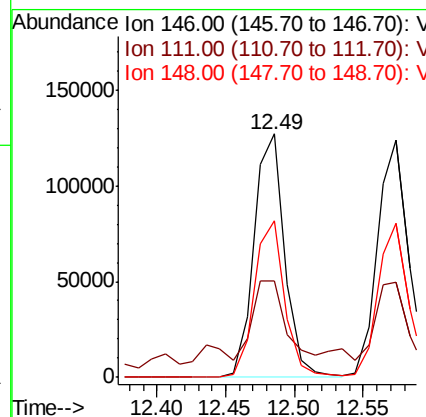
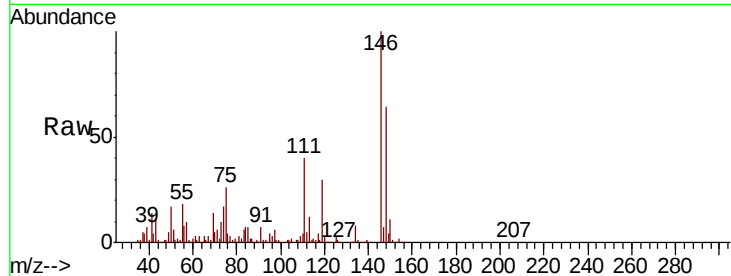
#87
 1,3-Dichlorobenzene
 Concen: 52.124 ug/l
 RT: 12.49 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.8
148	64.2	33.3	99.9

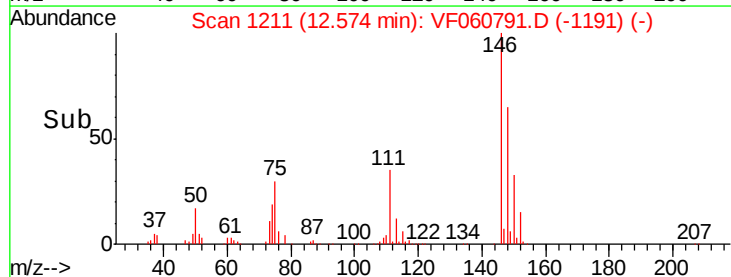
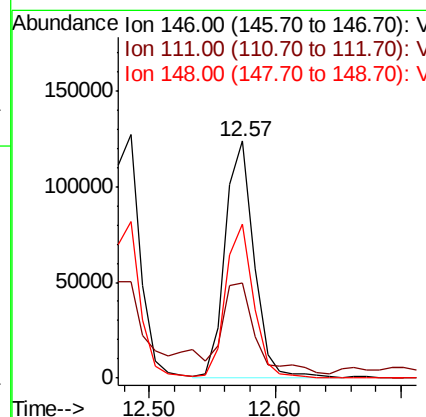
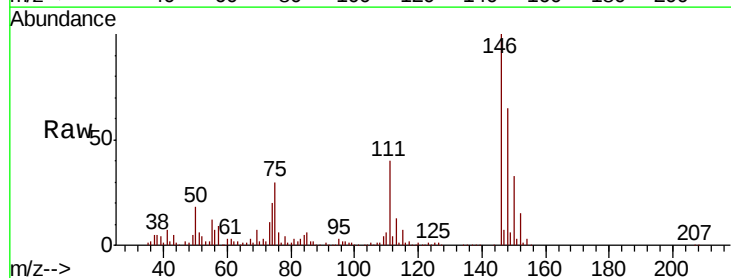
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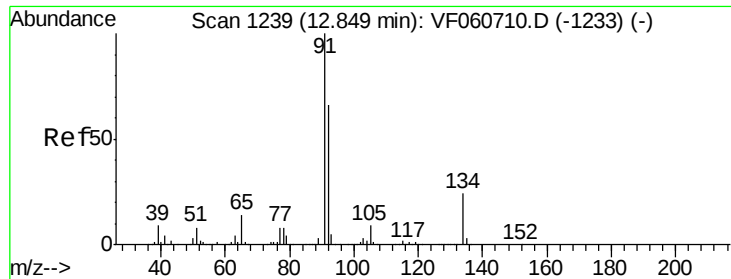
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#88
 1,4-Dichlorobenzene
 Concen: 53.079 ug/l
 RT: 12.57 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.9
148	64.7	34.7	104.1





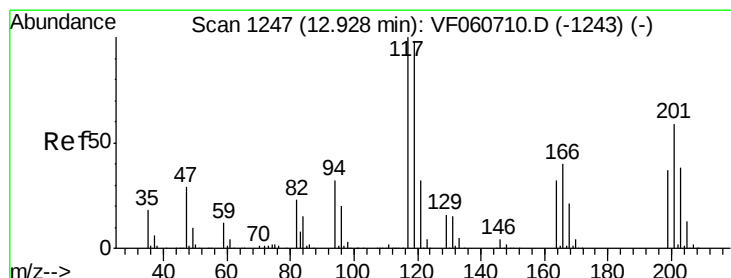
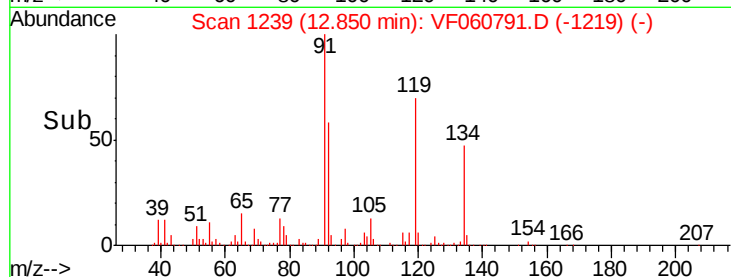
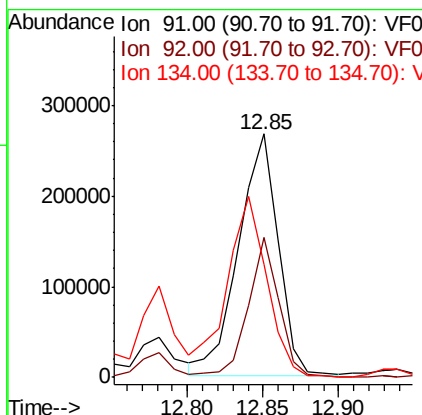
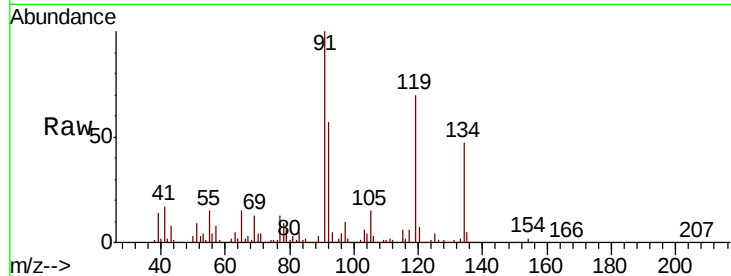
#89
n-Butylbenzene
Concen: 54.572 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	57.3	33.1	99.2
134	46.6	11.9	35.9

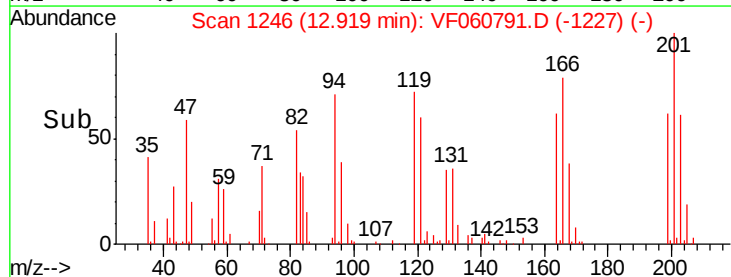
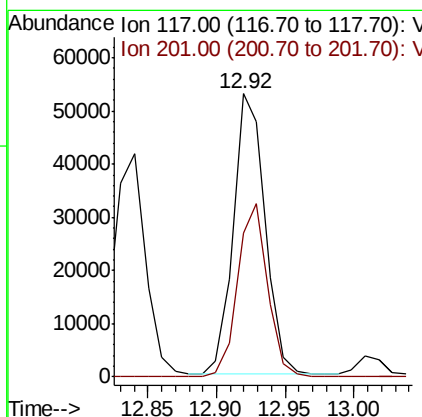
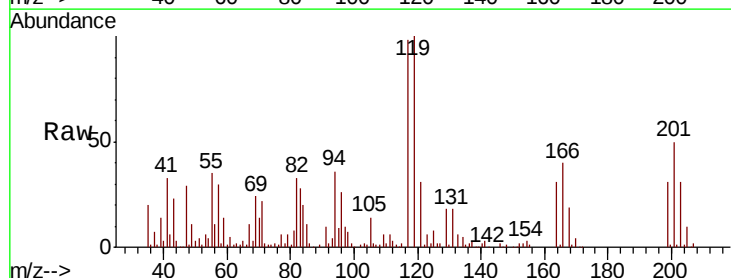
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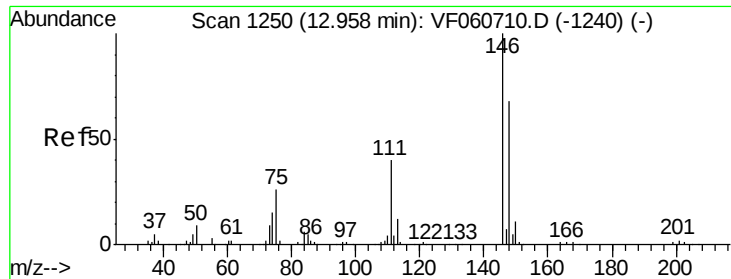
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#90
Hexachloroethane
Concen: 39.321 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	52.4	29.4	88.3





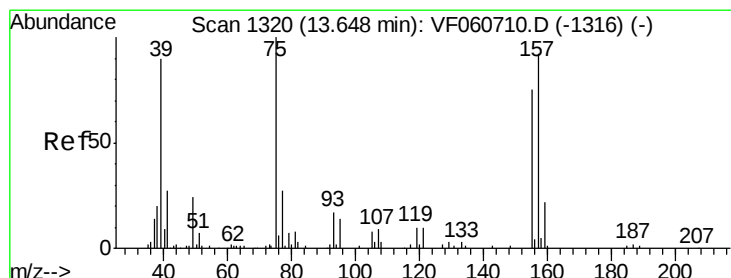
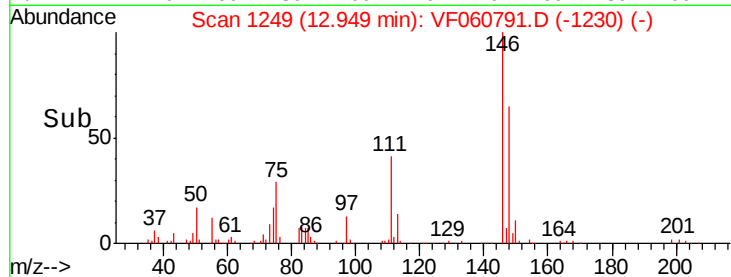
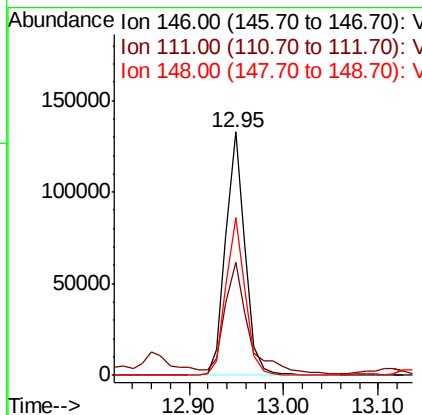
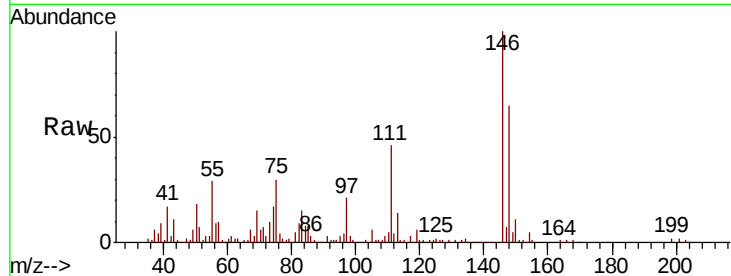
#91
 1,2-Dichlorobenzene
 Concen: 52.192 ug/l
 RT: 12.95 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	20.3	60.8
148	64.9	34.1	102.3

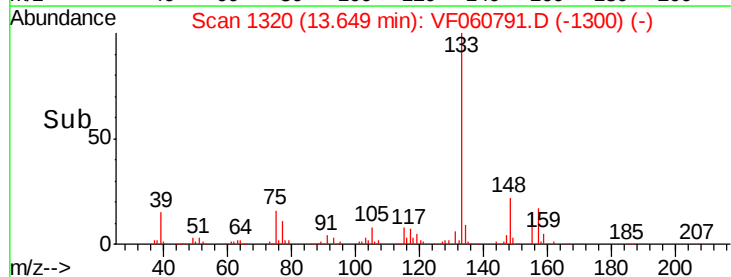
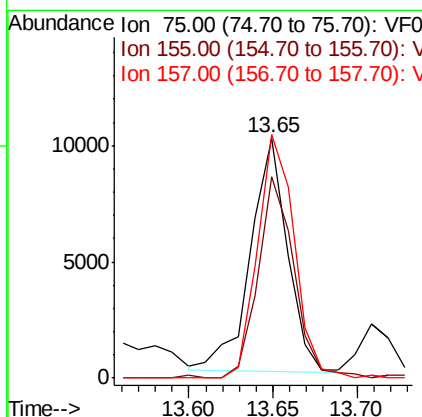
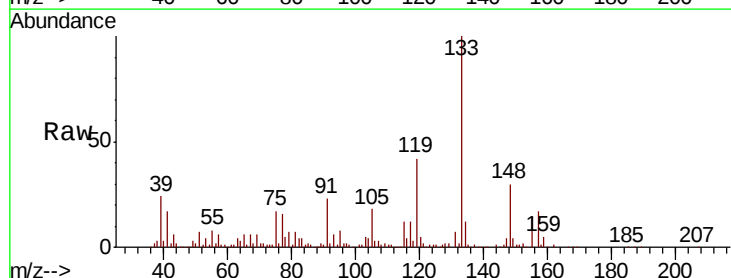
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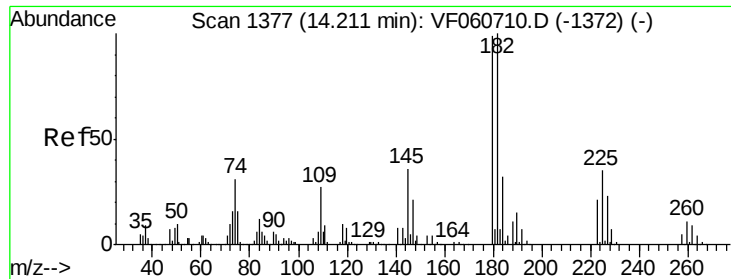
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.629 ug/l
 RT: 13.65 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	37.4	112.2
157	101.5	46.0	138.0





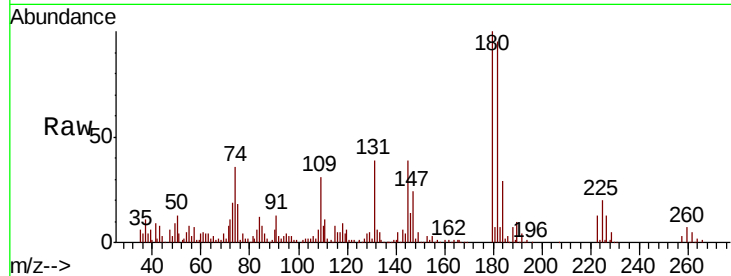
#93
 1,2,4-Trichlorobenzene
 Concen: 40.786 ug/l
 RT: 14.20 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	50.3	151.0	
145	39.5	18.3	54.9	

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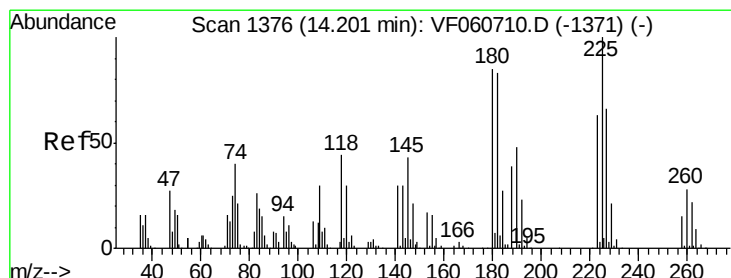
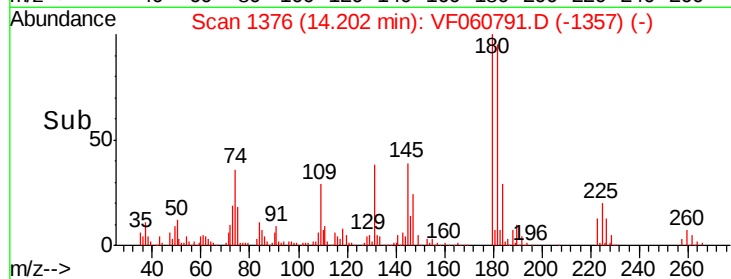
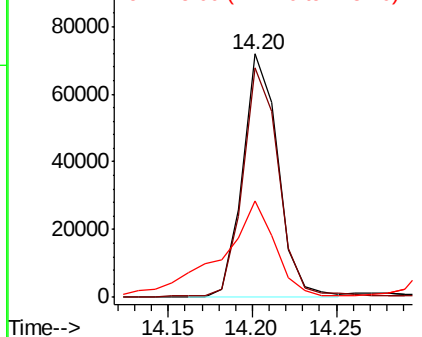


Abundance

Ion 180.00 (179.70 to 180.70): V

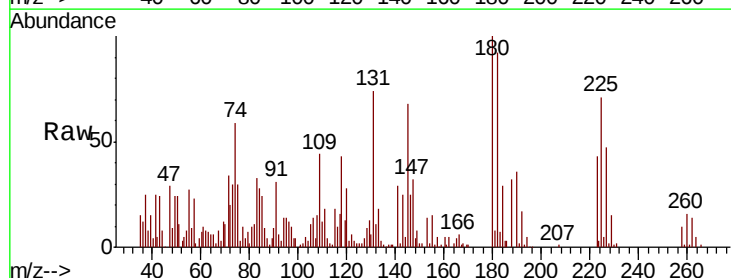
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94
 Hexachlorobutadiene
 Concen: 15.715 ug/l
 RT: 14.19 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: VF060791.D
 Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.8	31.5	94.5	
227	65.4	33.0	99.0	

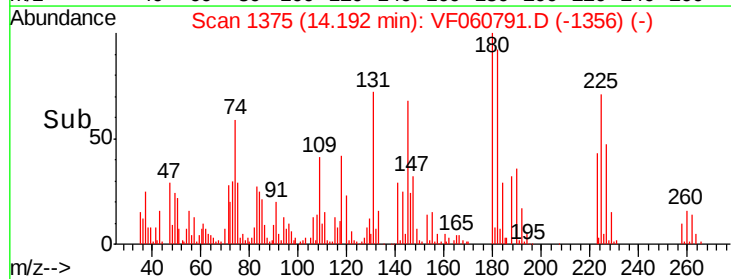
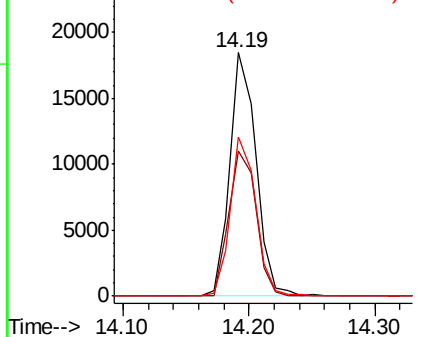


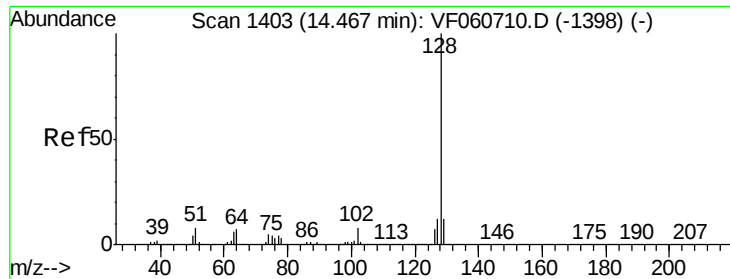
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





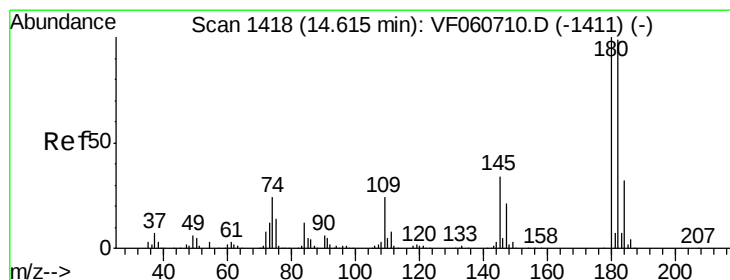
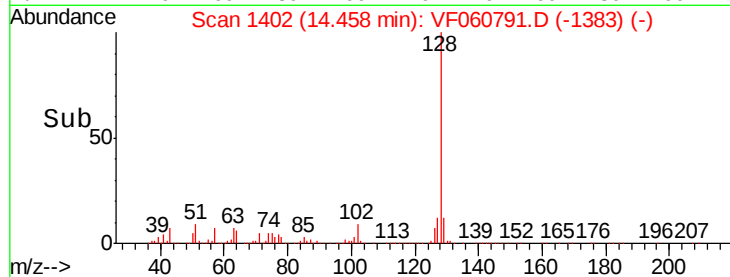
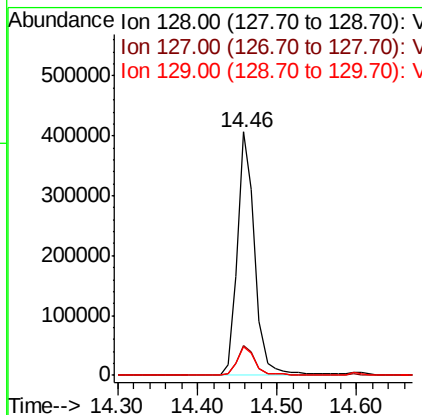
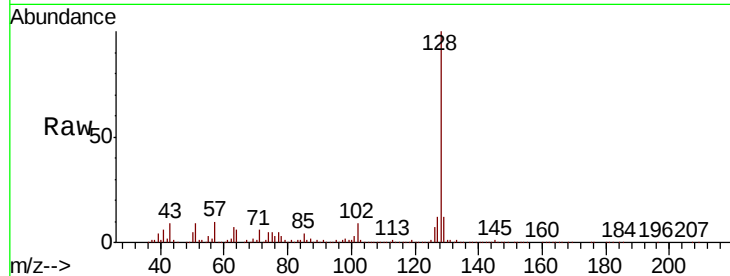
#95
Naphthalene
Concen: 131.930 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.6
129	11.6	9.3	13.9

Manual Integrations
APPROVED

apatel
11/21/2018 10:39:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 39.261 ug/l
RT: 14.61 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF060791.D
Acq: 19 Nov 2018 22:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	49.6	149.0
145	38.9	16.9	50.7

