

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
 Data File : VF060804.D
 Acq On : 20 Nov 2018 14:51
 Operator : VA/AP
 Sample : VF1120SBS01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

Manual Integrations
 APPROVED

apatel
 11/21/2018 2:01:41 PM

Quant Time: Nov 20 17:09:13 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	191638	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	321484	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.79	117	294925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	159487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.85	65	110064	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	4.11	113	130826	54.14	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.28%	
50) Toluene-d8	7.57	98	326662	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.41	95	161810	57.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	72914	21.26	ug/l	97
3) Chloromethane	1.11	50	52606	24.73	ug/l	89
4) Vinyl Chloride	1.15	62	47570	25.00	ug/l	99
5) Bromomethane	1.32	94	26452	21.89	ug/l	94
6) Chloroethane	1.38	64	17959	24.12	ug/l	100
7) Trichlorofluoromethane	1.48	101	86581	20.58	ug/l	91
8) Diethyl Ether	1.63	74	13572	25.18	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	1.83	101	45720	23.06	ug/l	99
10) Methyl Iodide	1.90	142	74400m	23.39	ug/l	
11) Tert butyl alcohol	2.58	59	12184	122.48	ug/l #	93
12) 1,1-Dichloroethene	1.79	96	39638	25.35	ug/l	90
13) Acrolein	2.00	56	8964	98.55	ug/l	91
14) Allyl chloride	2.10	41	66879	24.42	ug/l	90
15) Acrylonitrile	2.94	53	27163	128.14	ug/l	88
16) Acetone	2.24	43	57381	122.82	ug/l	93
17) Carbon Disulfide	1.85	76	111670	23.63	ug/l	98
18) Methyl Acetate	2.35	43	18348	23.92	ug/l #	92
19) Methyl tert-butyl Ether	2.44	73	88624	23.63	ug/l	99
20) Methylene Chloride	2.18	84	41754m	25.49	ug/l	
21) trans-1,2-Dichloroethene	2.31	96	40204	24.61	ug/l	96
22) Diisopropyl ether	2.80	45	125190	23.67	ug/l	95
23) Vinyl Acetate	3.20	43	318017	127.71	ug/l	98
24) 1,1-Dichloroethane	2.87	63	77921	24.34	ug/l	98
25) 2-Butanone	4.34	43	90210	117.39	ug/l	95
26) 2,2-Dichloropropane	3.60	77	52899	21.00	ug/l	100
27) cis-1,2-Dichloroethene	3.48	96	65279	23.49	ug/l	98
28) Bromochloromethane	3.72	49	37644	22.63	ug/l	95
29) Tetrahydrofuran	4.08	42	37880	119.50	ug/l	96
30) Chloroform	3.87	83	114893	22.37	ug/l	98
31) Cyclohexane	3.70	56	86328	22.22	ug/l	84
32) 1,1,1-Trichloroethane	4.10	97	84280	20.84	ug/l	93
36) 1,1-Dichloropropene	4.28	75	84465	22.65	ug/l	96
37) Ethyl Acetate	4.11	43	34510	24.90	ug/l	80
38) Carbon Tetrachloride	4.00	117	72339	20.00	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	101423	23.45	ug/l	97
40) Benzene	4.64	78	192998	23.22	ug/l	99
41) Methacrylonitrile	4.76	41	19279	23.82	ug/l	98
42) 1,2-Dichloroethane	4.95	62	63990	22.28	ug/l	99
43) Isopropyl Acetate	6.97	43	42533	23.14	ug/l #	95
44) Trichloroethene	5.51	130	60203	22.96	ug/l	93
45) 1,2-Dichloropropane	6.25	63	51452	23.79	ug/l	95
46) Dibromomethane	6.10	93	32006	22.42	ug/l	97
47) Bromodichloromethane	6.39	83	81239	22.28	ug/l	96
48) Methyl methacrylate	6.72	41	28382	23.33	ug/l	97
49) 1,4-Dioxane	6.72	88	5139	451.75	ug/l	93
51) 4-Methyl-2-Pentanone	8.27	43	157380	118.40	ug/l	97
52) Toluene	7.64	92	120532	21.64	ug/l	96
53) t-1,3-Dichloropropene	8.29	75	66204	22.67	ug/l	98
54) cis-1,3-Dichloropropene	7.32	75	85283	22.49	ug/l	93
55) 1,1,2-Trichloroethane	8.49	97	36719	23.07	ug/l	89
56) Ethyl methacrylate	8.62	69	40544	22.43	ug/l	97
57) 1,3-Dichloropropane	8.86	76	64022	23.21	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.64	63	18408	111.50	ug/l	100
59) 2-Hexanone	9.50	43	114352	122.41	ug/l	98
60) Dibromochloromethane	8.72	129	48360	21.32	ug/l	100
61) 1,2-Dibromoethane	9.00	107	38946	23.27	ug/l	97
64) Tetrachloroethene	8.16	164	51279	21.96	ug/l	95
65) Chlorobenzene	9.81	112	132124	22.20	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.93	131	58563	22.56	ug/l	100
67) Ethyl Benzene	9.90	91	256011	22.82	ug/l	98
68) m/p-Xylenes	10.14	106	178047	44.41	ug/l	92
69) o-Xylene	10.72	106	101045	22.42	ug/l	98
70) Styrene	10.79	104	137356	22.45	ug/l	98
71) Bromoform	10.78	173	27054	23.18	ug/l	100
73) Isopropylbenzene	11.13	105	286844	22.34	ug/l	97
74) N-amyl acetate	11.37	43	73340	25.10	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.70	83	51565	24.30	ug/l	97
76) 1,2,3-Trichloropropane	11.80	75	35817	22.72	ug/l	100
77) Bromobenzene	11.50	156	61263	22.93	ug/l	97
78) n-propylbenzene	11.60	91	344798	23.03	ug/l	98
79) 2-Chlorotoluene	11.73	91	198154	22.77	ug/l	100
80) 1,3,5-Trimethylbenzene	11.83	105	238681	23.42	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.88	75	18343m	23.69	ug/l	
82) 4-Chlorotoluene	11.91	91	195761	21.96	ug/l	100
83) tert-Butylbenzene	12.13	119	245679	22.70	ug/l	100
84) 1,2,4-Trimethylbenzene	12.21	105	226805	21.52	ug/l	97
85) sec-Butylbenzene	12.31	105	332353	22.64	ug/l	97
86) p-Isopropyltoluene	12.47	119	276786	22.58	ug/l	97
87) 1,3-Dichlorobenzene	12.48	146	123003	23.13	ug/l	97
88) 1,4-Dichlorobenzene	12.57	146	118529	23.19	ug/l	95
89) n-Butylbenzene	12.85	91	291164	23.27	ug/l	96
90) Hexachloroethane	12.92	117	65953	21.99	ug/l	95
91) 1,2-Dichlorobenzene	12.95	146	114802	22.93	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.65	75	9264	23.22	ug/l	67

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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)
93) 1,2,4-Trichlorobenzene	14.21	180	85446	23.74	ug/l	95
94) Hexachlorobutadiene	14.20	225	51834	22.04	ug/l	96
95) Naphthalene	14.46	128	149701	22.80	ug/l	98
96) 1,2,3-Trichlorobenzene	14.61	180	80243	24.13	ug/l	94

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

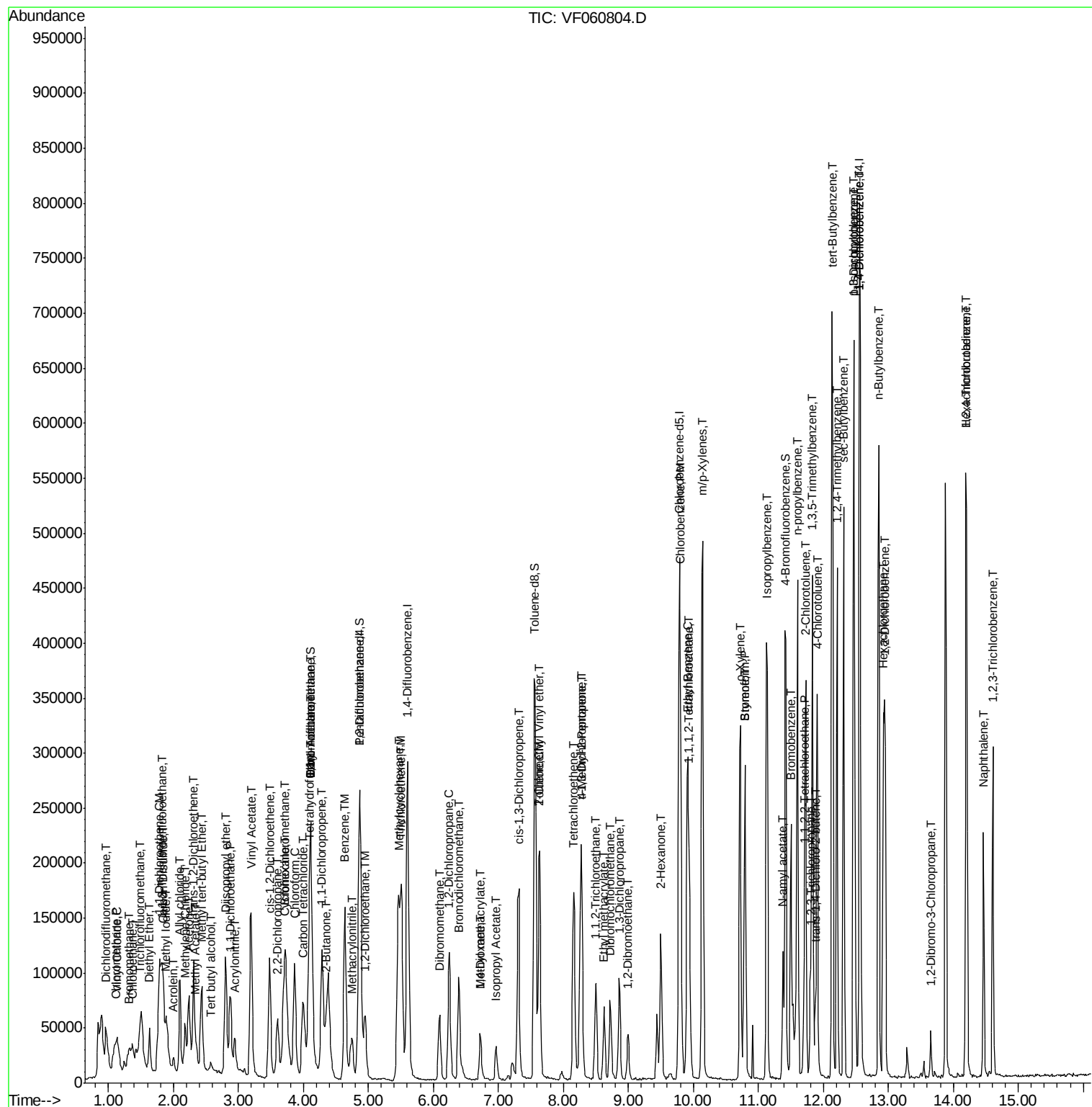
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
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Operator : VA/AP
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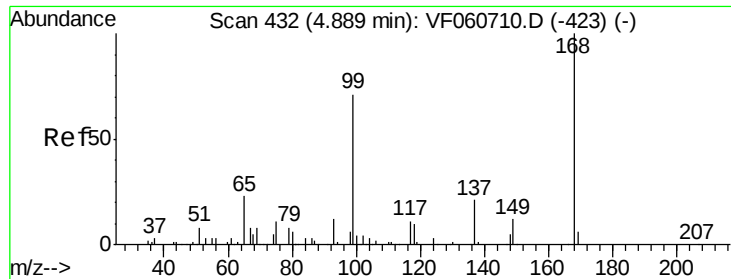
Instrument :
MSVOA_F
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

Tgt Ion: 168 Resp: 191638

Ion Ratio Lower Upper

168 100

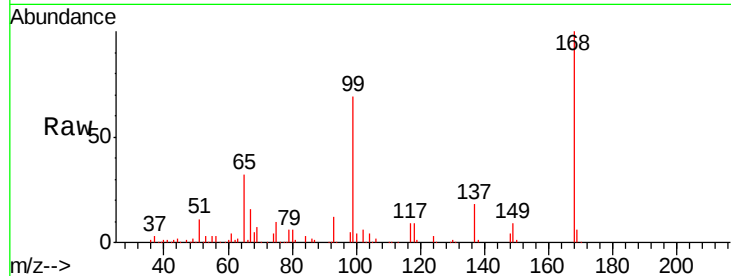
99 68.6 57.2 85.8

Manual Integrations

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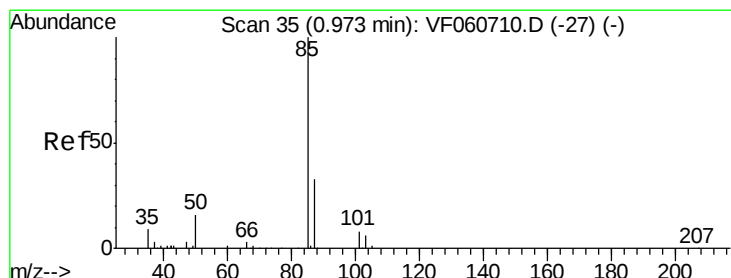
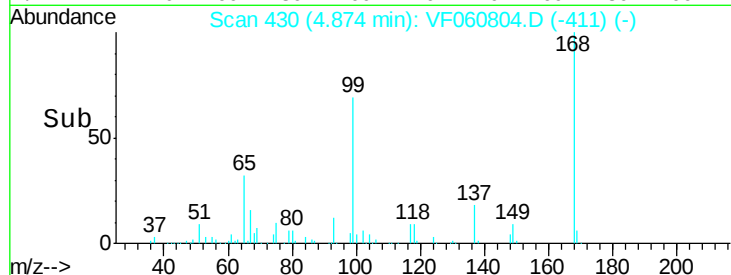
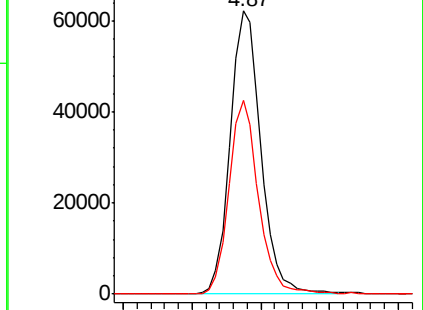
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 21.26 ug/l

RT: 0.96 min Scan# 33

Delta R.T. -0.01 min

Lab File: VF060804.D

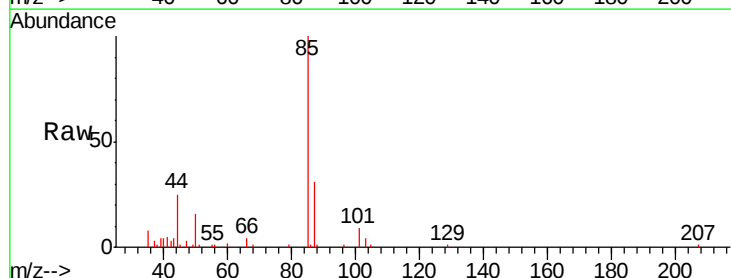
Acq: 20 Nov 2018 14:51

Tgt Ion: 85 Resp: 72914

Ion Ratio Lower Upper

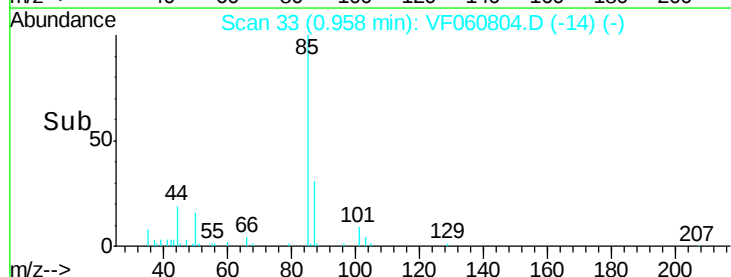
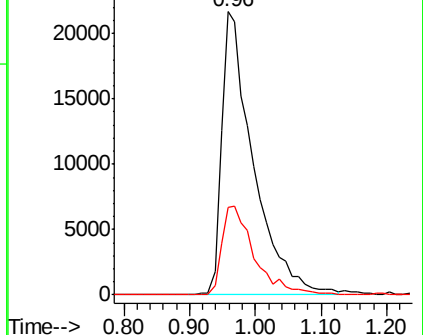
85 100

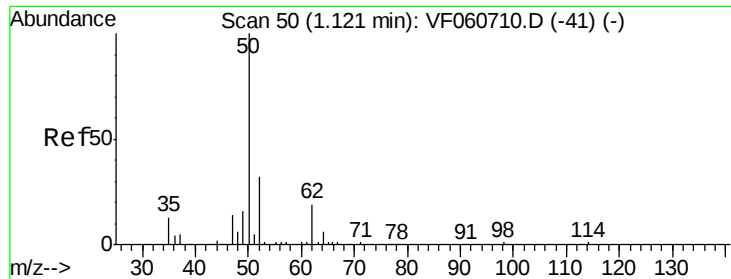
87 31.0 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 24.73 ug/l

RT: 1.11 min Scan# 48

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

Tgt Ion: 50 Resp: 52606

Ion Ratio Lower Upper

50 100

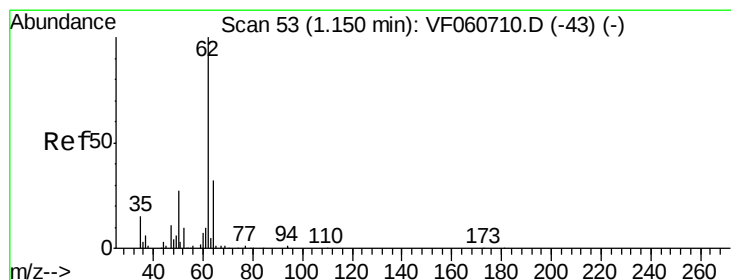
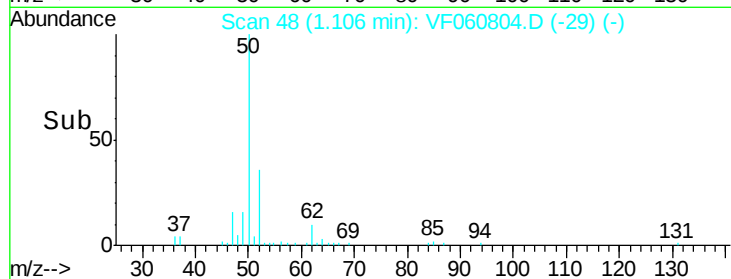
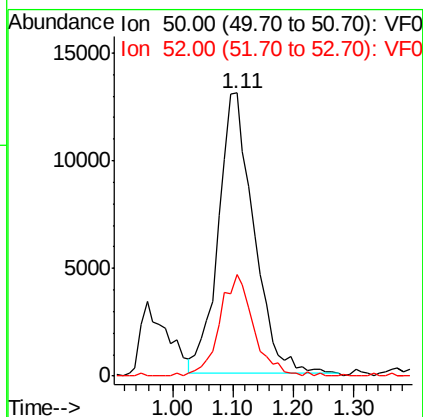
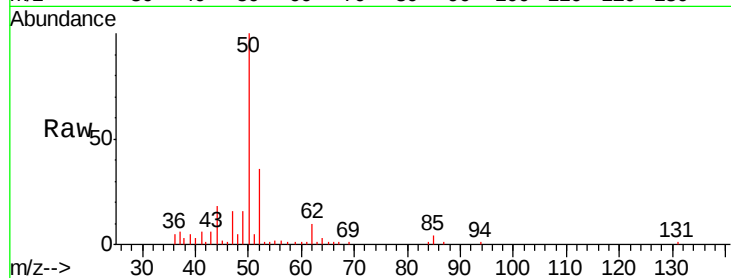
52 36.1 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 25.00 ug/l

RT: 1.15 min Scan# 52

Delta R.T. -0.00 min

Lab File: VF060804.D

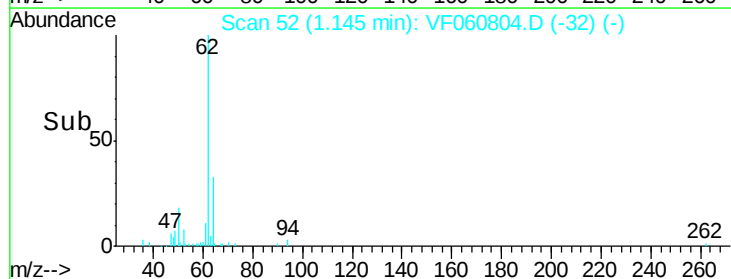
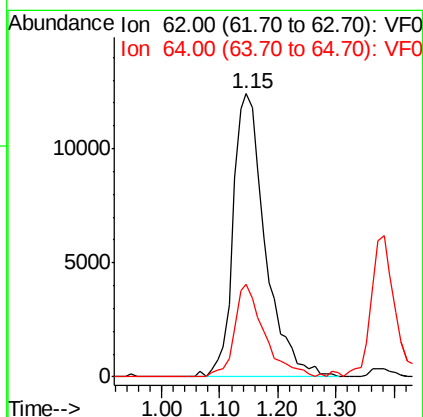
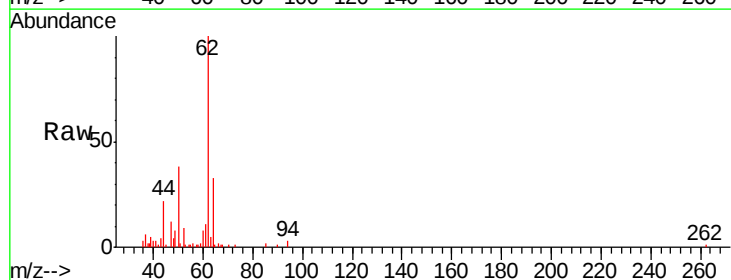
Acq: 20 Nov 2018 14:51

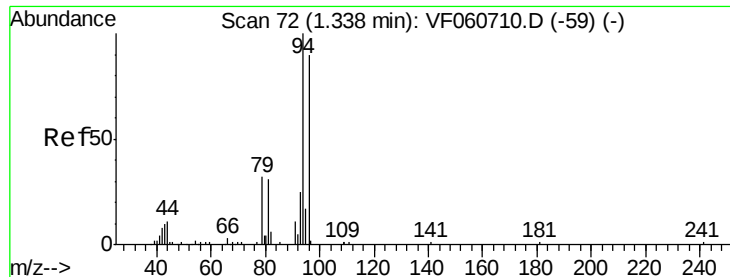
Tgt Ion: 62 Resp: 47570

Ion Ratio Lower Upper

62 100

64 32.6 25.8 38.8





#5

Bromomethane

Concen: 21.89 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

Tgt Ion: 94 Resp: 26452

Ion Ratio Lower Upper

94 100

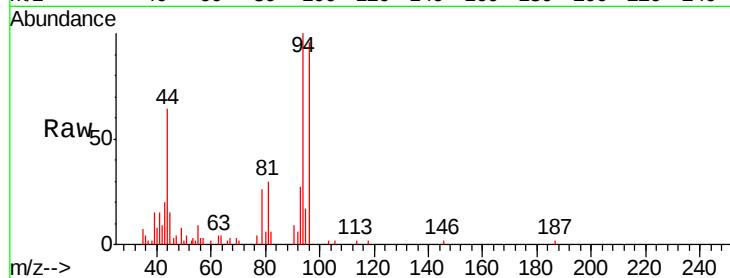
96 96.0 71.9 107.9

Manual Integrations

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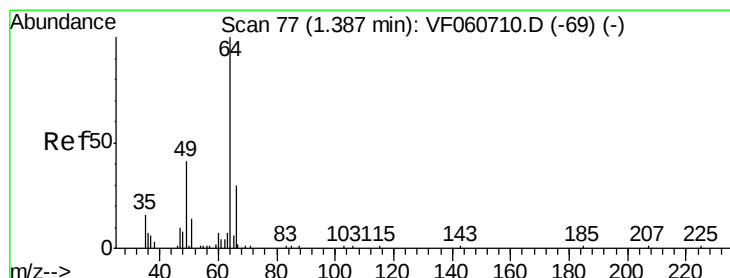
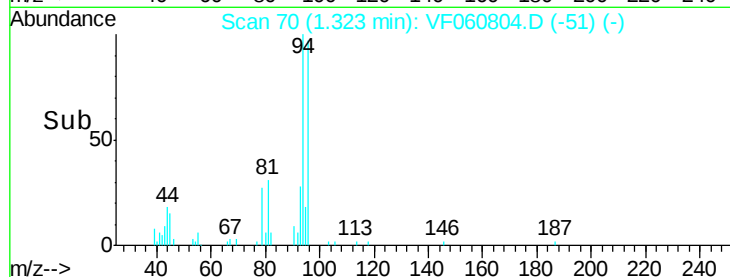
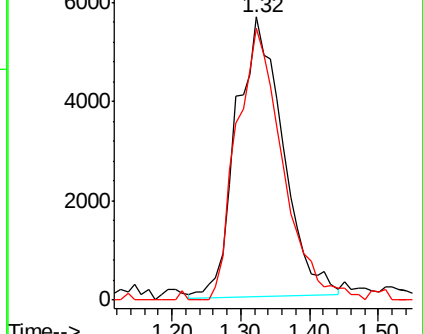
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Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 24.12 ug/l

RT: 1.38 min Scan# 76

Delta R.T. -0.00 min

Lab File: VF060804.D

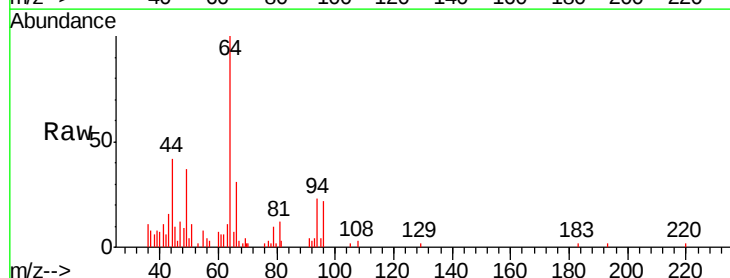
Acq: 20 Nov 2018 14:51

Tgt Ion: 64 Resp: 17959

Ion Ratio Lower Upper

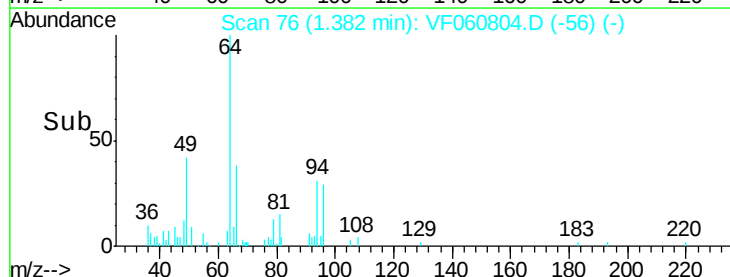
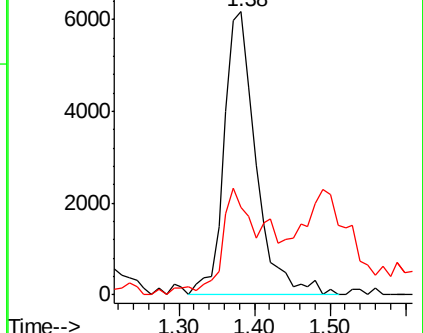
64 100

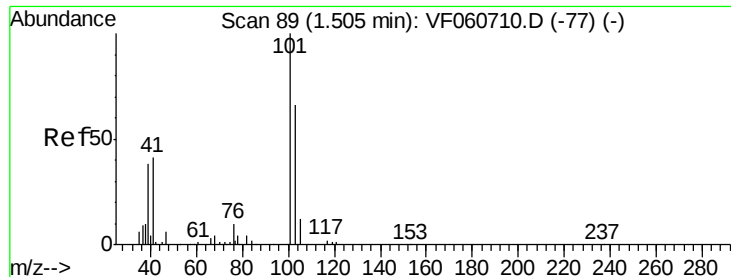
66 30.8 24.8 37.2



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#7

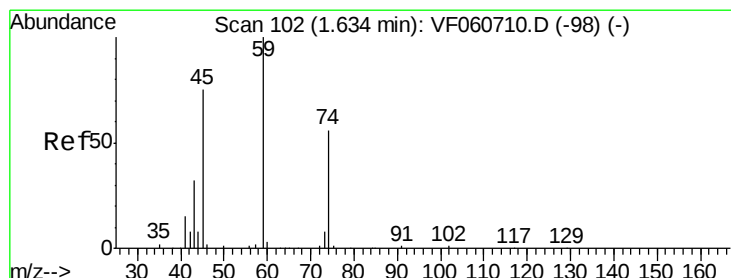
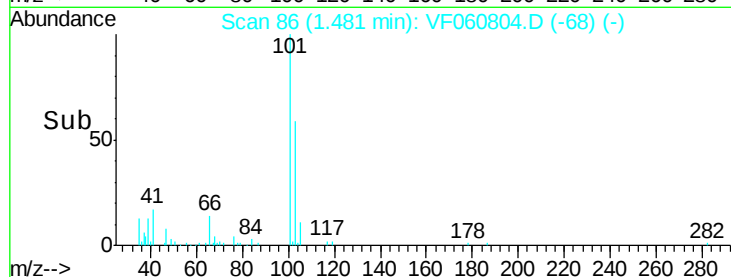
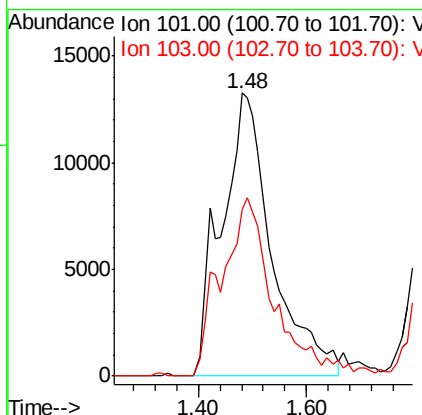
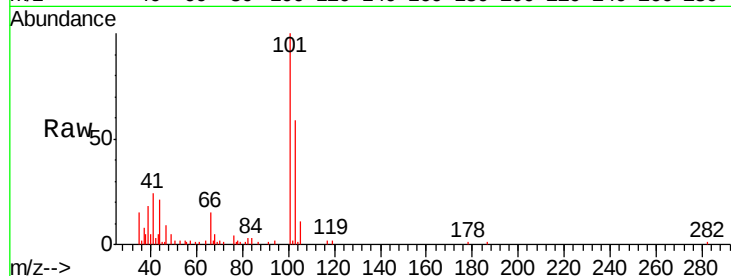
Trichlorofluoromethane
 Concen: 20.58 ug/l
 RT: 1.48 min Scan# 86
 Delta R.T. -0.02 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Instrument :
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 ClientSampleId :
 VF1120SBS01

Tgt Ion: 101 Resp: 86581
 Ion Ratio Lower Upper
 101 100
 103 59.1 53.1 79.7

Manual Integrations
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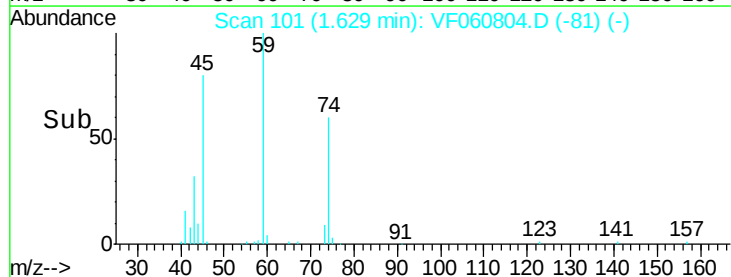
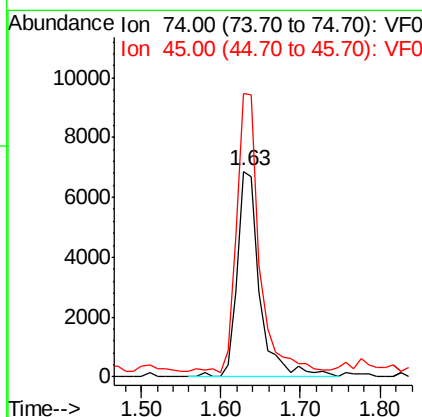
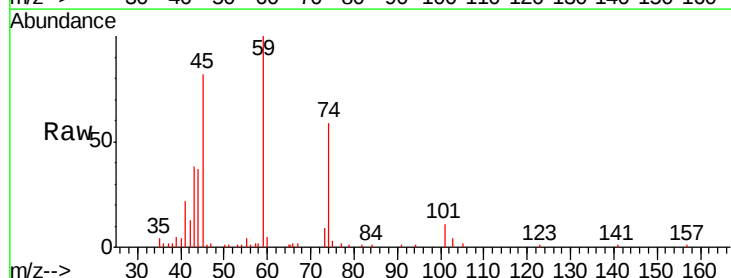
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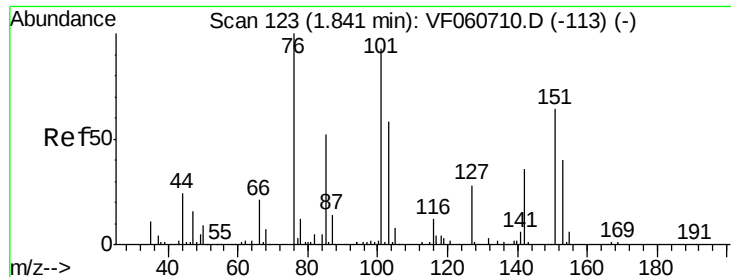


#8

Diethyl Ether
 Concen: 25.18 ug/l
 RT: 1.63 min Scan# 101
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion: 74 Resp: 13572
 Ion Ratio Lower Upper
 74 100
 45 137.6 67.7 203.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.06 ug/l

RT: 1.83 min Scan# 121

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

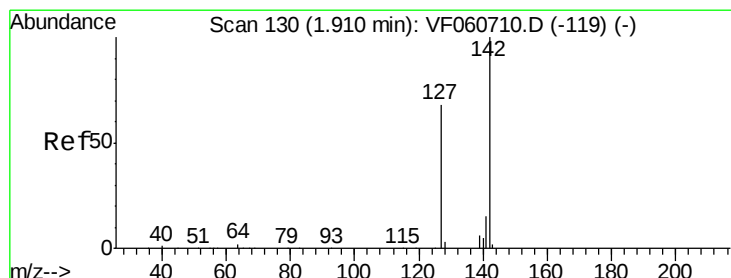
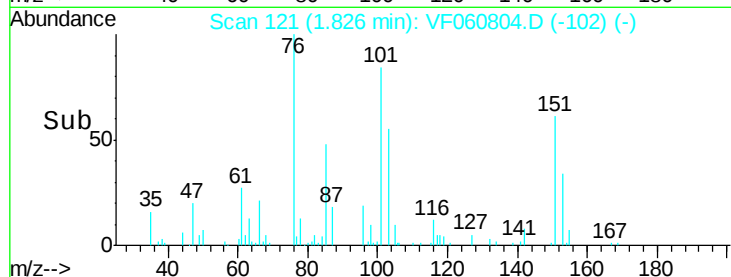
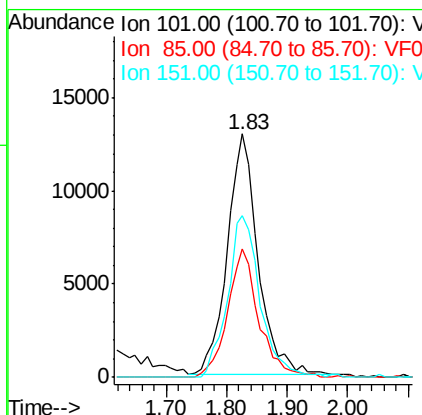
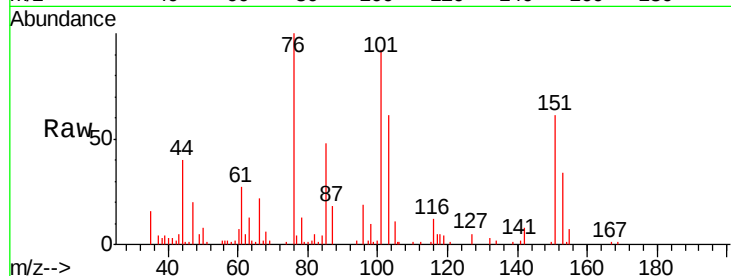
ClientSampleId :

VF1120SBS01

Tgt Ion:	101	Resp:	45720
Ion Ratio	Lower	Upper	
101	100		
85	52.8	43.6	65.4
151	66.3	53.1	79.7

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#10

Methyl Iodide

Concen: 23.39 ug/l m

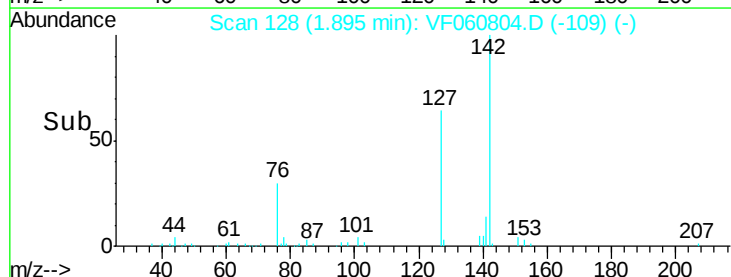
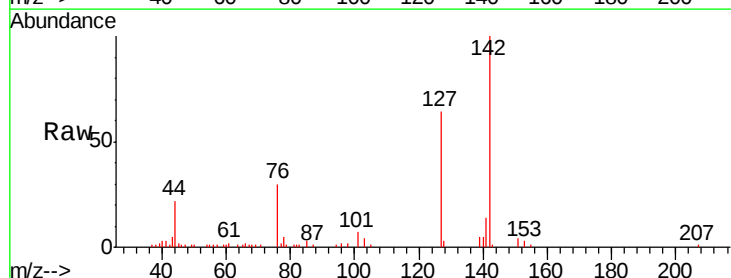
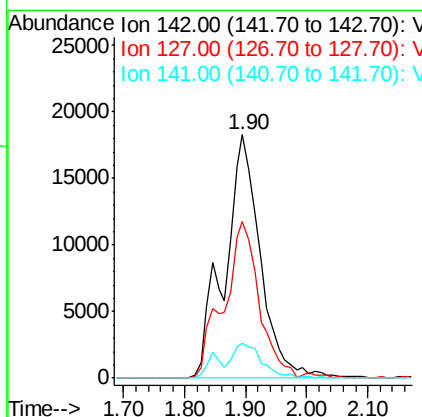
RT: 1.90 min Scan# 128

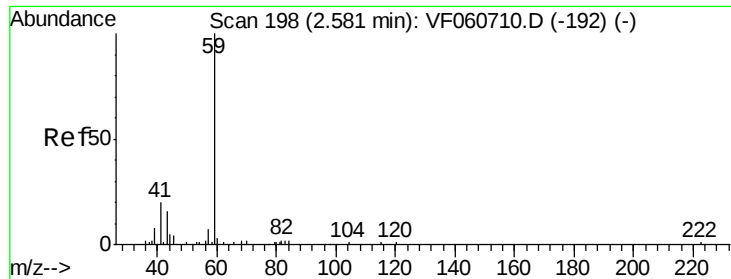
Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion:	142	Resp:	74400
Ion Ratio	Lower	Upper	
142	100		
127	64.3	54.0	81.0
141	14.4	12.3	18.5





#11

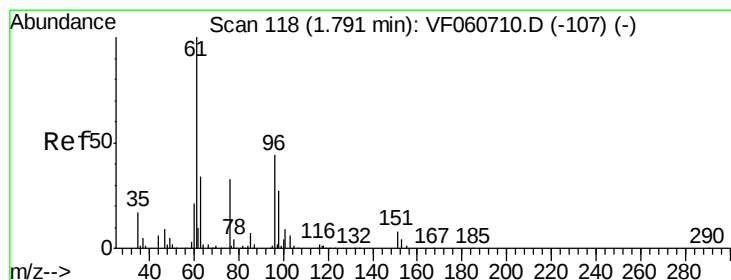
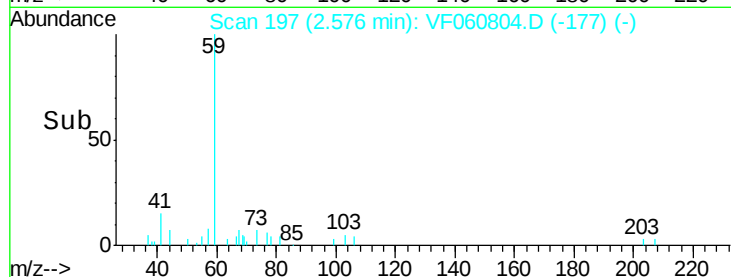
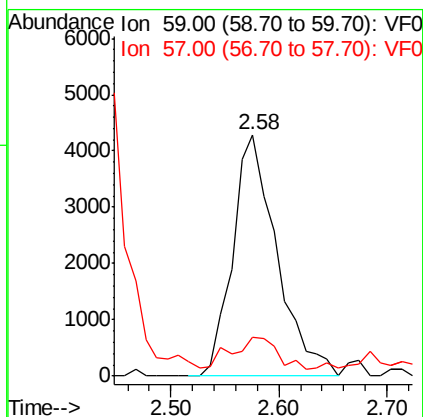
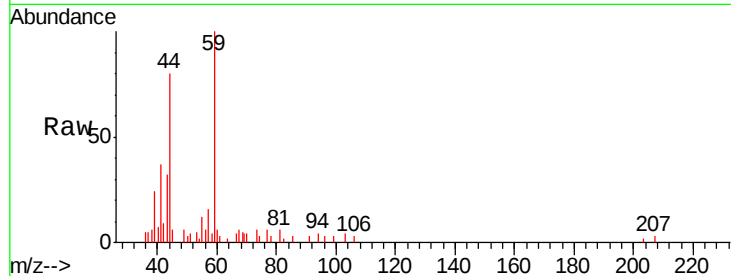
Tert butyl alcohol
Concen: 122.48 ug/l
RT: 2.58 min Scan# 197
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion: 59 Resp: 12184
Ion Ratio Lower Upper
59 100
57 15.9 10.5 15.7#

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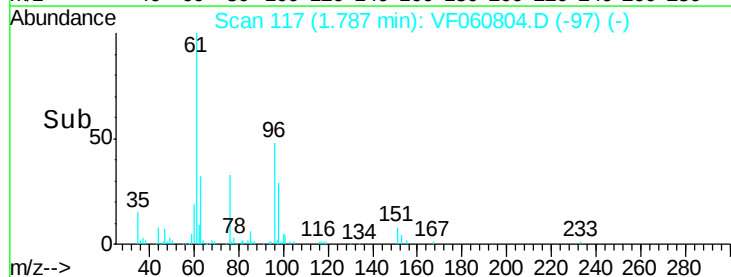
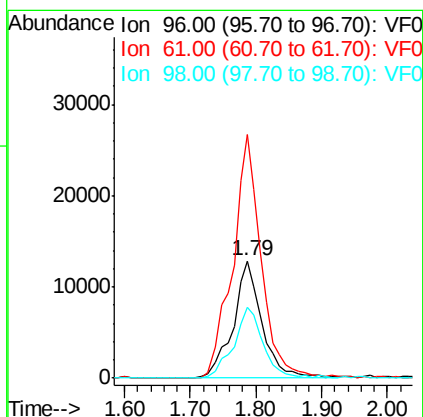
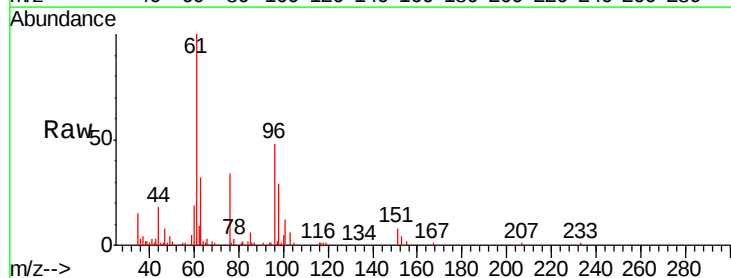
apatel
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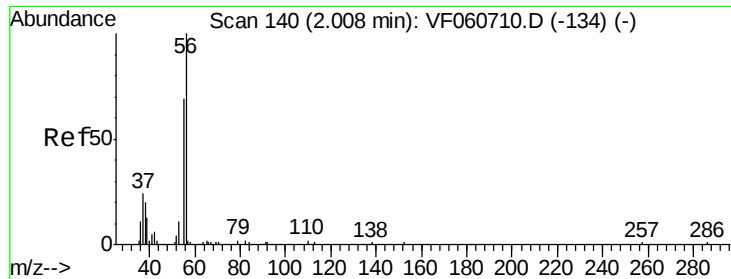


#12

1,1-Dichloroethene
Concen: 25.35 ug/l
RT: 1.79 min Scan# 117
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion: 96 Resp: 39638
Ion Ratio Lower Upper
96 100
61 207.3 182.2 273.2
98 60.0 49.2 73.8





#13

Acrolein

Concen: 98.55 ug/l

RT: 2.00 min Scan# 139

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

Tgt Ion: 56 Resp: 8964

Ion Ratio Lower Upper

56 100

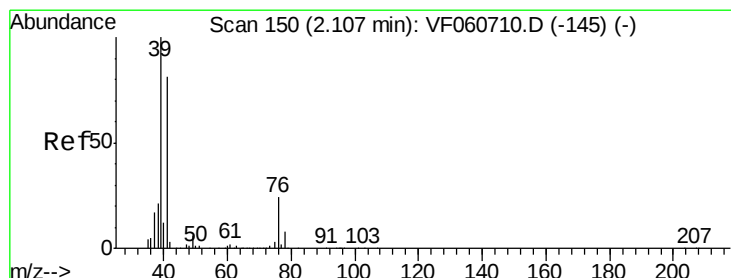
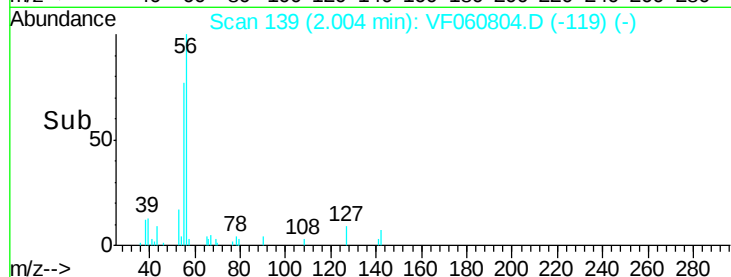
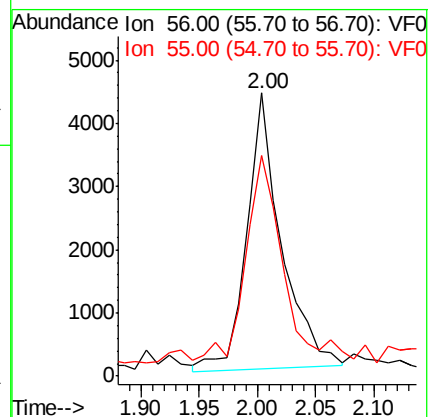
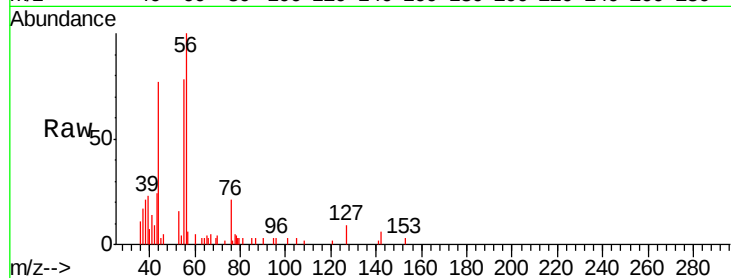
55 78.0 56.6 85.0

Manual Integrations

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#14

Allyl chloride

Concen: 24.42 ug/l

RT: 2.10 min Scan# 149

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

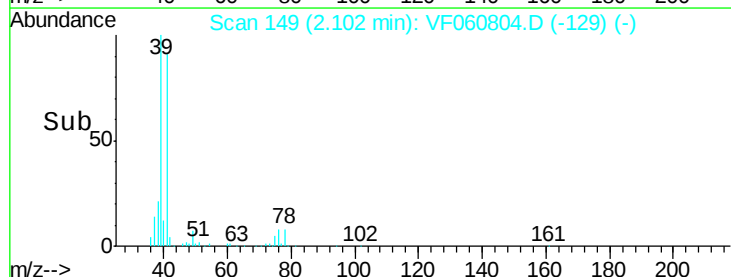
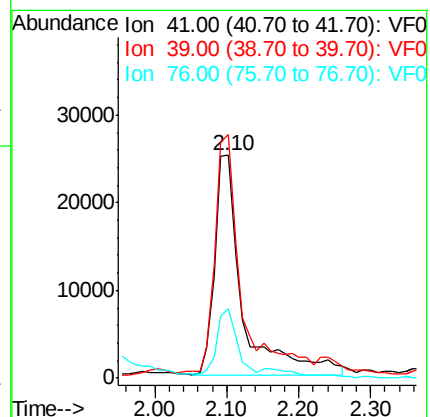
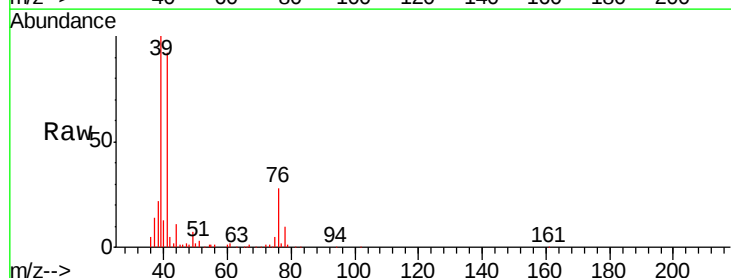
Tgt Ion: 41 Resp: 66879

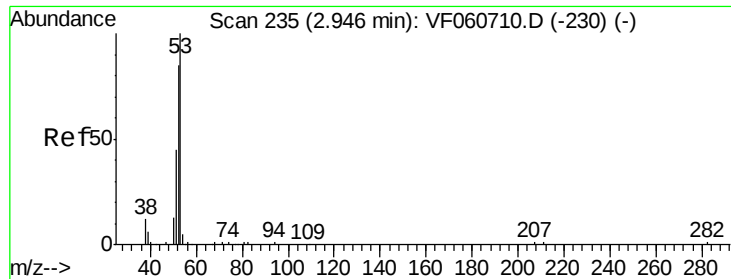
Ion Ratio Lower Upper

41 100

39 109.2 98.5 147.7

76 31.1 24.5 36.7





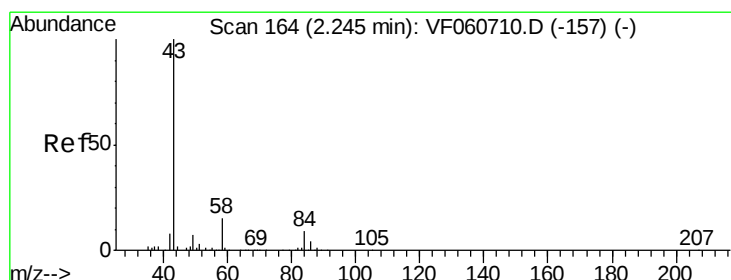
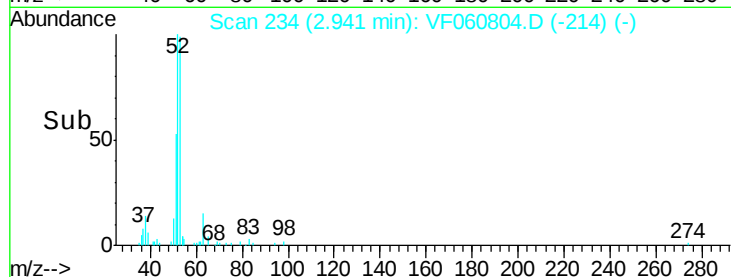
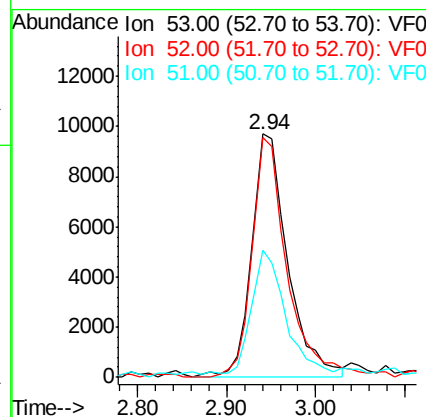
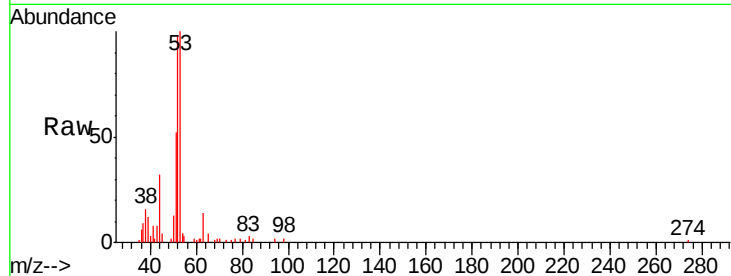
#15
Acrylonitrile
Concen: 128.14 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion:	53	Resp:	27163
Ion	Ratio	Lower	Upper
53	100		
52	98.4	68.8	103.2
51	52.3	36.7	55.1

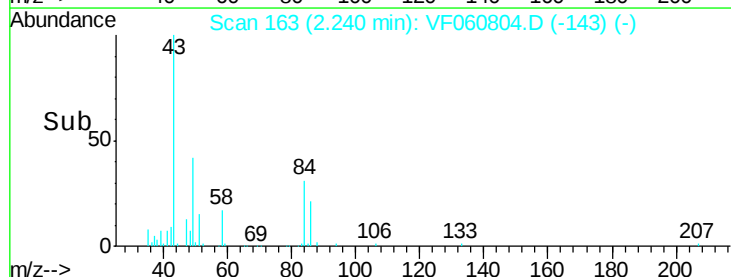
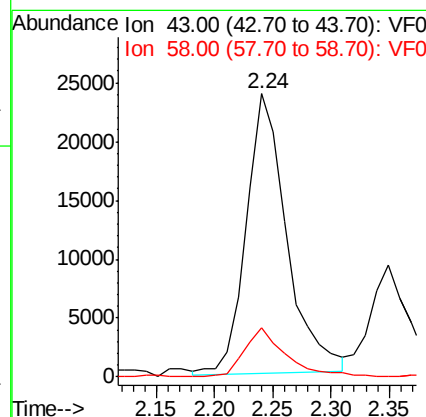
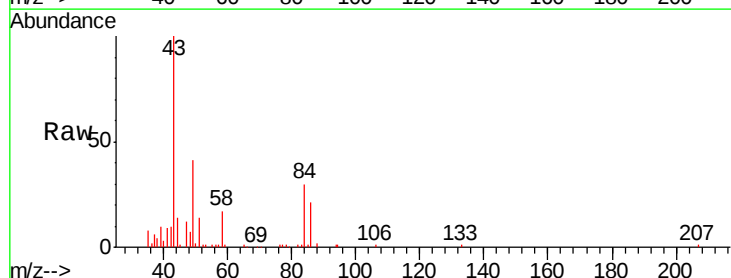
Manual Integrations
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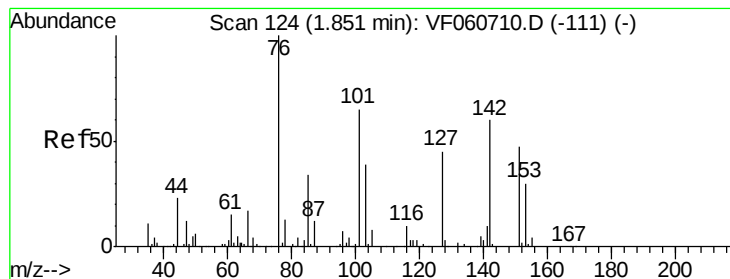
apatel
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#16
Acetone
Concen: 122.82 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion:	43	Resp:	57381
Ion	Ratio	Lower	Upper
43	100		
58	17.4	11.6	17.4





#17

Carbon Disulfide

Concen: 23.63 ug/l

RT: 1.85 min Scan# 123

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

Tgt Ion: 76 Resp: 111670

Ion Ratio Lower Upper

76 100

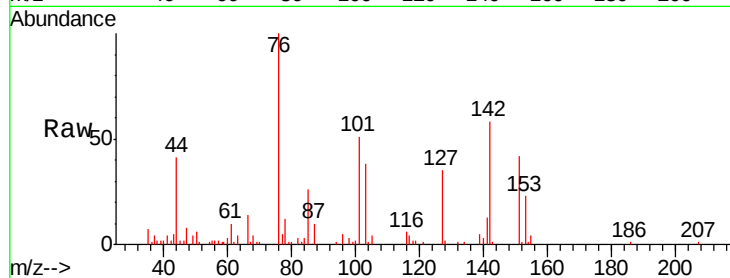
78 12.2 10.5 15.7

Manual Integrations

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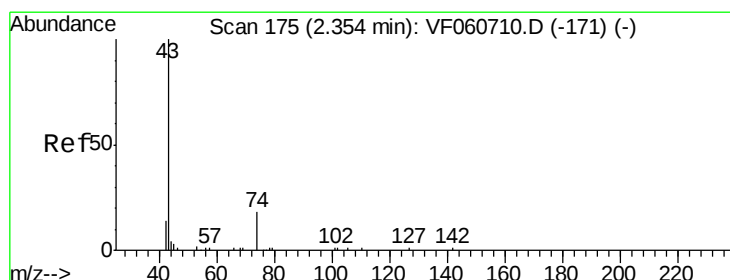
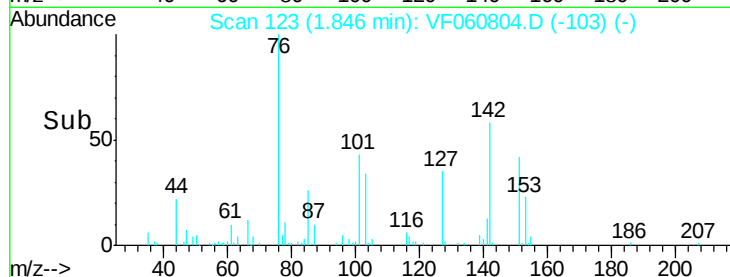
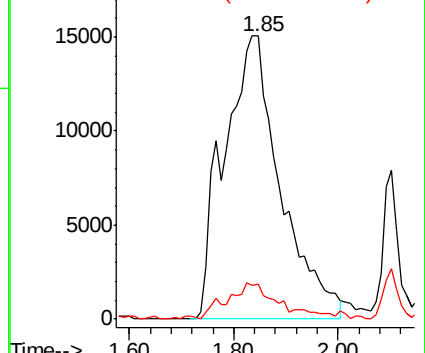
apatel

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Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: 23.92 ug/l

RT: 2.35 min Scan# 174

Delta R.T. -0.00 min

Lab File: VF060804.D

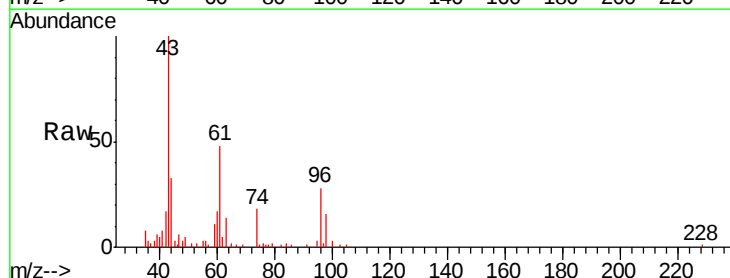
Acq: 20 Nov 2018 14:51

Tgt Ion: 43 Resp: 18348

Ion Ratio Lower Upper

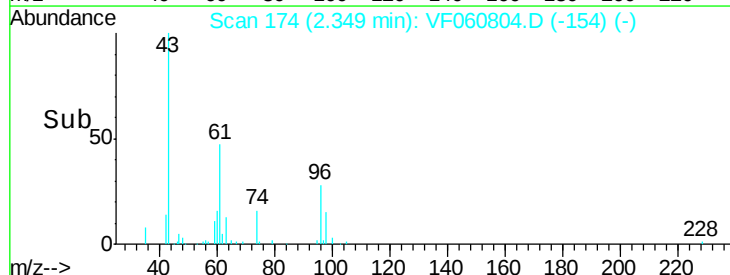
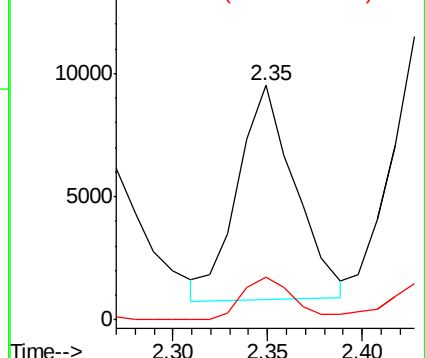
43 100

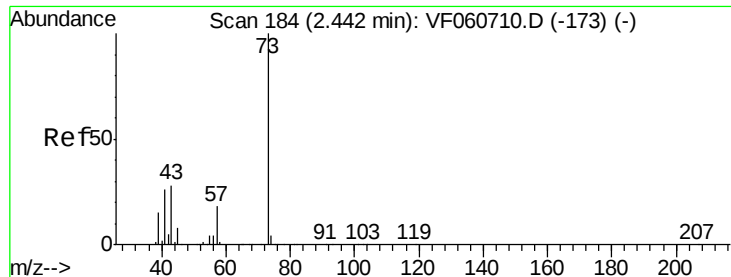
74 18.0 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0





#19

Methyl tert-butyl Ether

Concen: 23.63 ug/l

RT: 2.44 min Scan# 183

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion: 73 Resp: 88624

Ion Ratio Lower Upper

73 100

57 18.5 14.3 21.5

Instrument :

MSVOA_F

ClientSampleId :

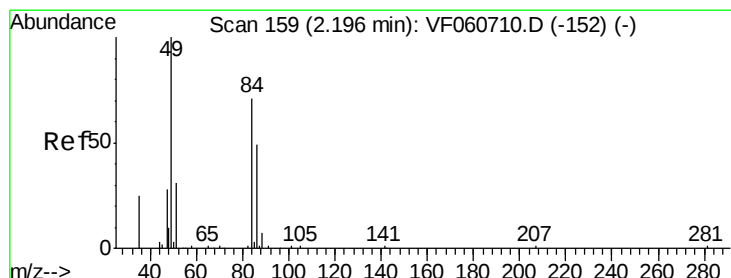
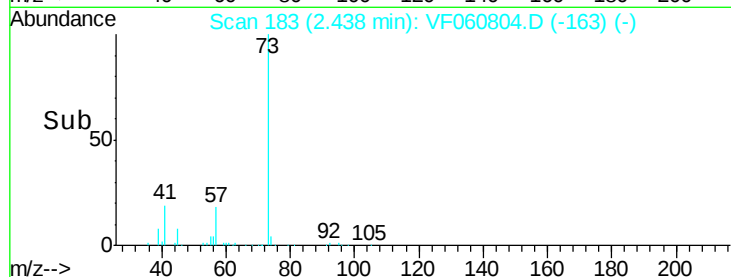
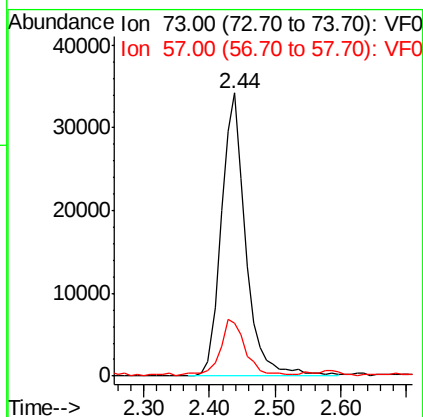
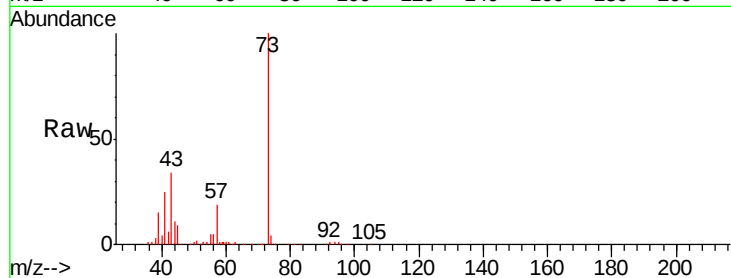
VF1120SBS01

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#20

Methylene Chloride

Concen: 25.49 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion: 84 Resp: 41754

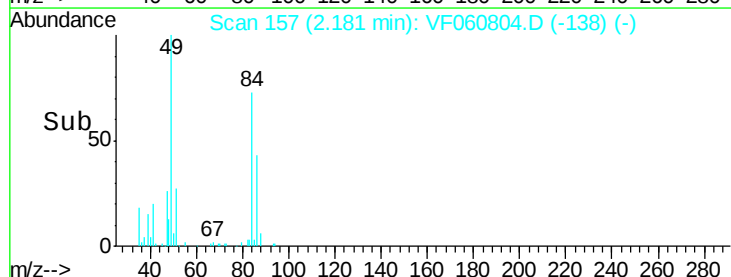
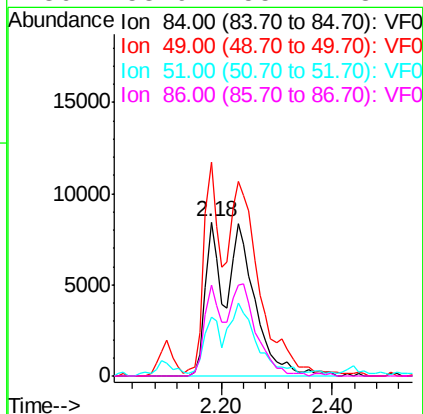
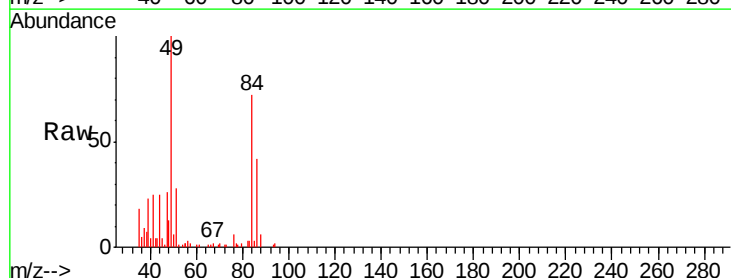
Ion Ratio Lower Upper

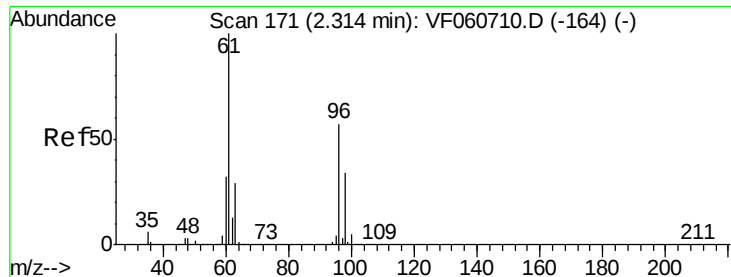
84 100

49 138.8 120.2 180.4

51 38.6 37.2 55.8

86 58.9 55.1 82.7





#21

trans-1,2-Dichloroethene

Concen: 24.61 ug/l

RT: 2.31 min Scan# 170

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

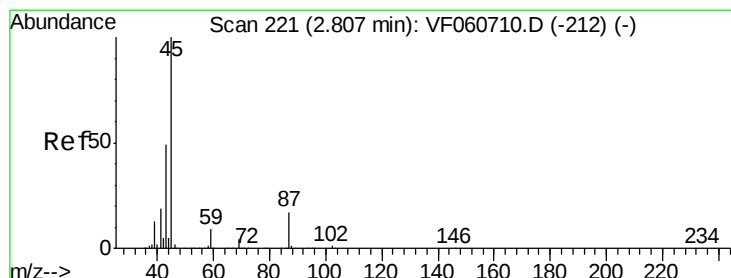
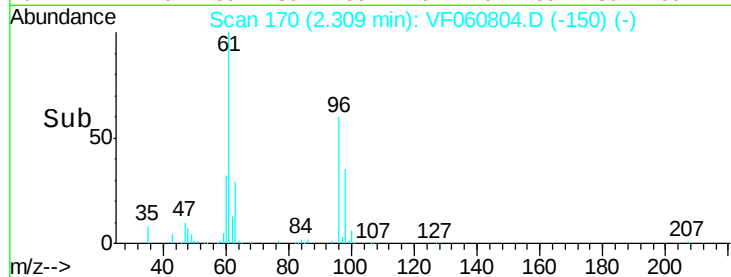
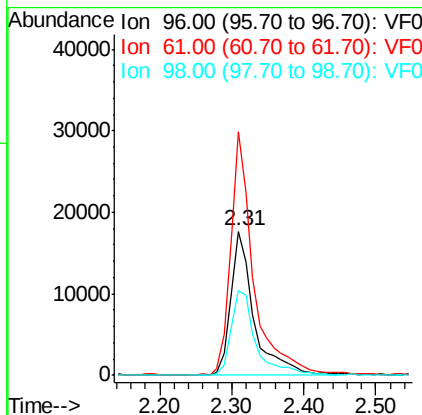
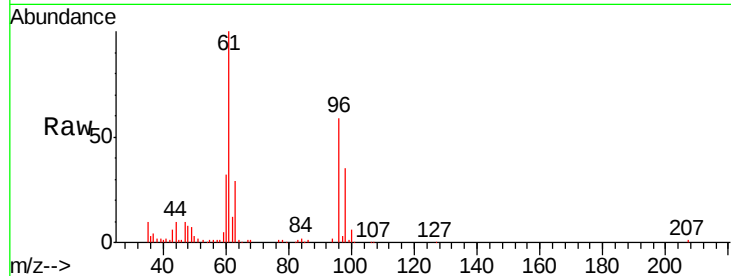
ClientSampleId :

VF1120SBS01

Tgt Ion:	96	Resp:	40204
Ion	Ratio	Lower	Upper
96	100		
61	169.1	141.6	212.4
98	59.1	47.4	71.0

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#22

Diisopropyl ether

Concen: 23.67 ug/l

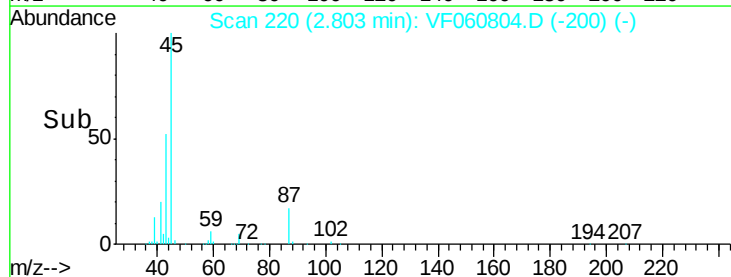
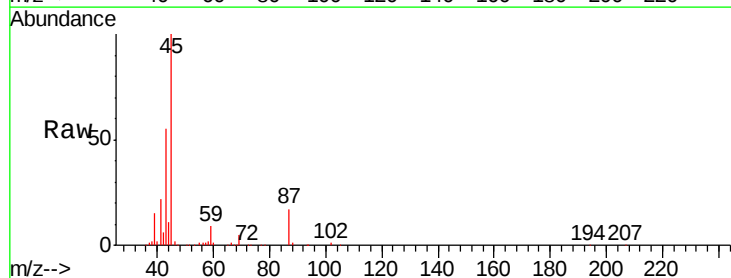
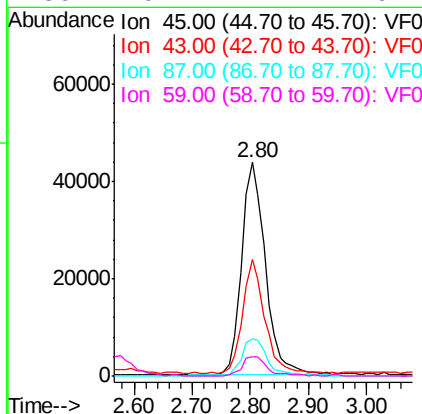
RT: 2.80 min Scan# 220

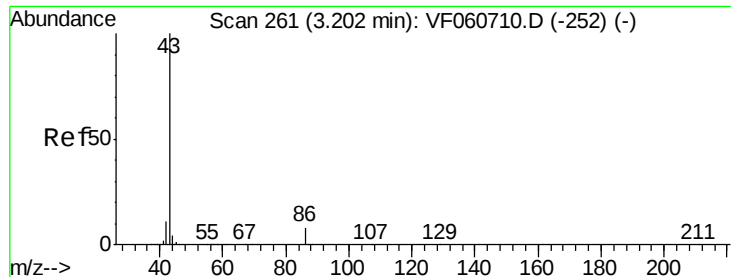
Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion:	45	Resp:	125190
Ion	Ratio	Lower	Upper
45	100		
43	54.6	39.9	59.9
87	17.4	13.9	20.9
59	9.2	7.1	10.7





#23

Vinyl Acetate

Concen: 127.71 ug/l

RT: 3.20 min Scan# 260

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

Tgt Ion: 43 Resp: 318017

Ion Ratio Lower Upper

43 100

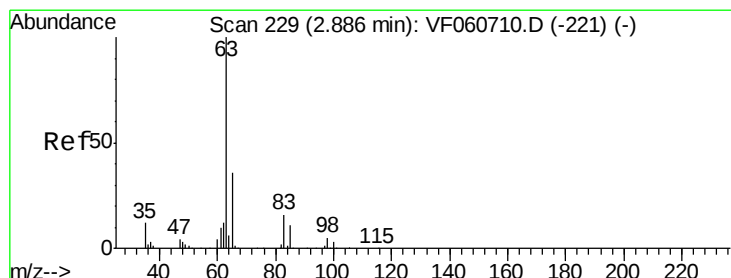
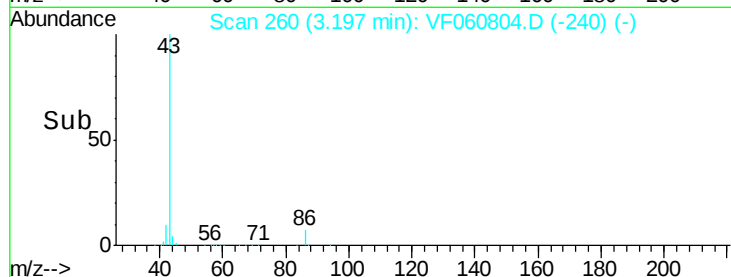
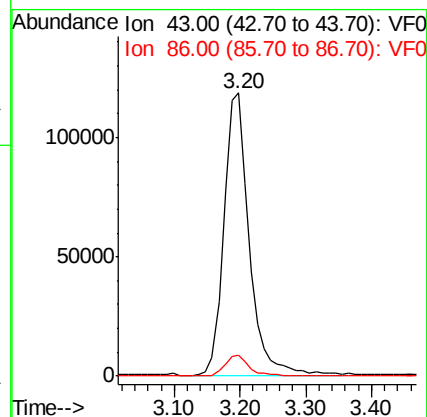
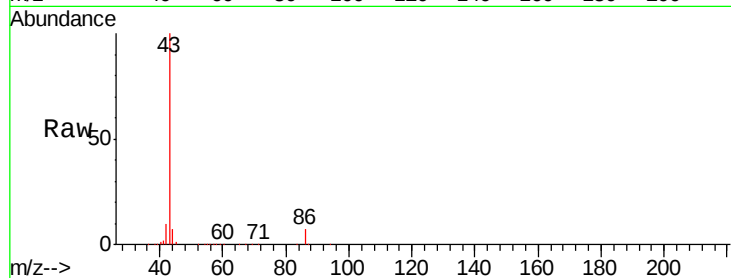
86 7.2 6.4 9.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 24.34 ug/l

RT: 2.87 min Scan# 227

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

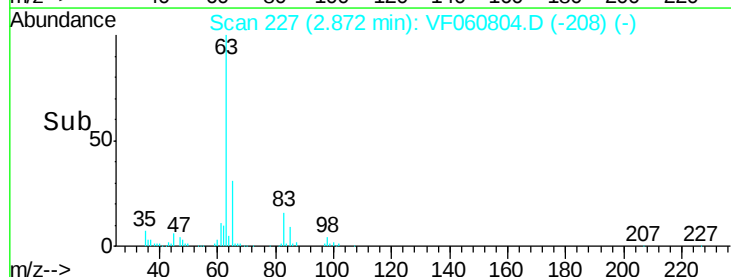
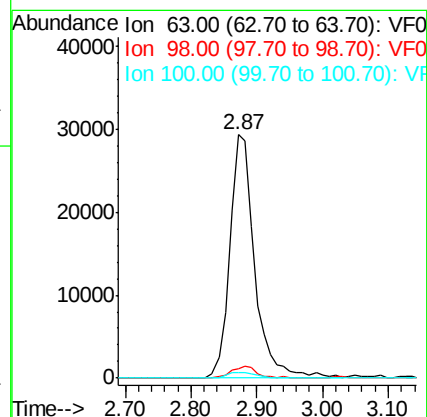
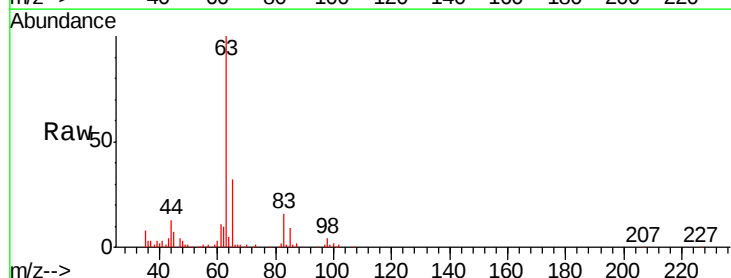
Tgt Ion: 63 Resp: 77921

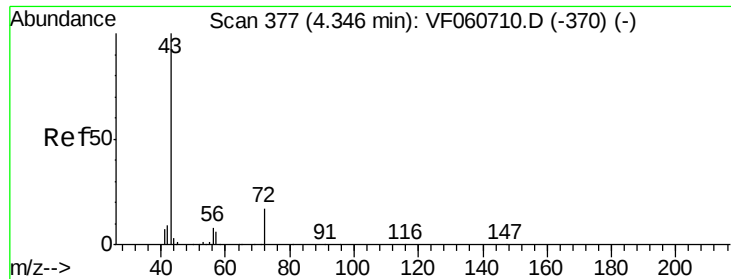
Ion Ratio Lower Upper

63 100

98 4.0 2.4 7.1

100 2.3 1.4 4.2





#25

2-Butanone

Concen: 117.39 ug/l

RT: 4.34 min Scan# 376

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

Tgt Ion: 43 Resp: 90210

Ion Ratio Lower Upper

43 100

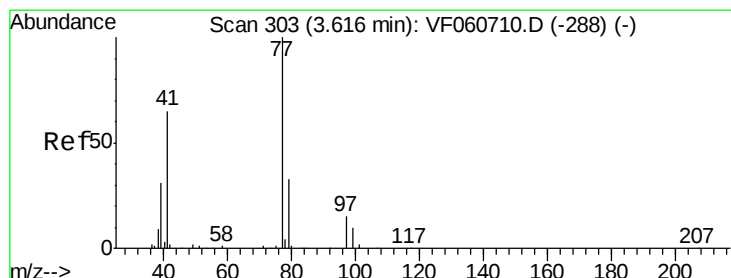
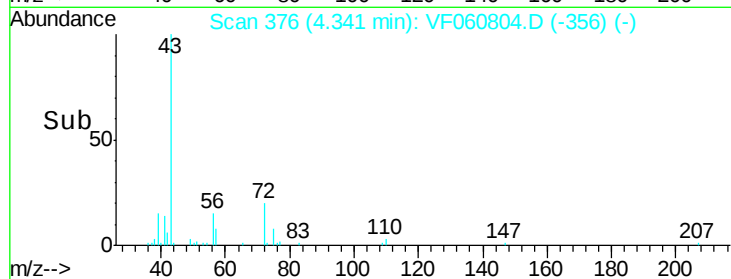
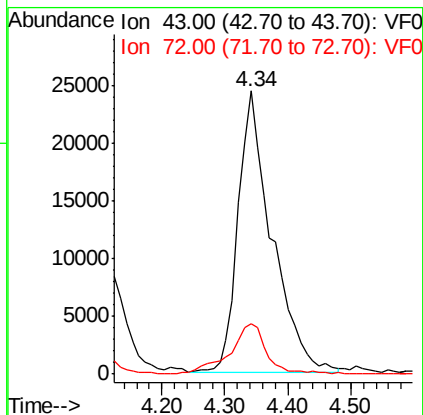
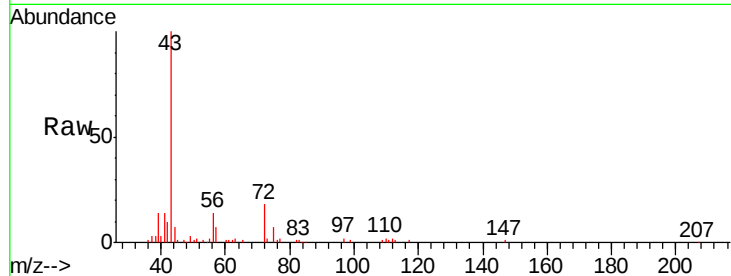
72 17.6 16.1 24.1

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#26

2,2-Dichloropropane

Concen: 21.00 ug/l

RT: 3.60 min Scan# 301

Delta R.T. -0.01 min

Lab File: VF060804.D

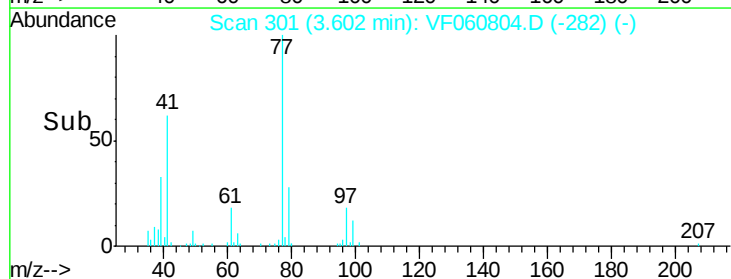
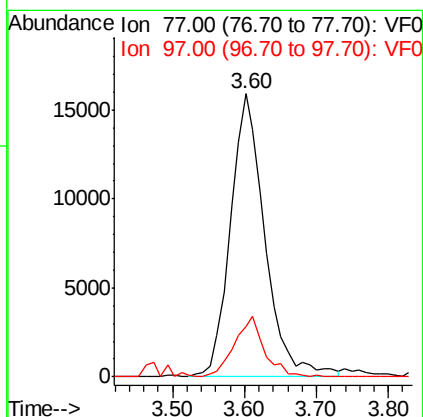
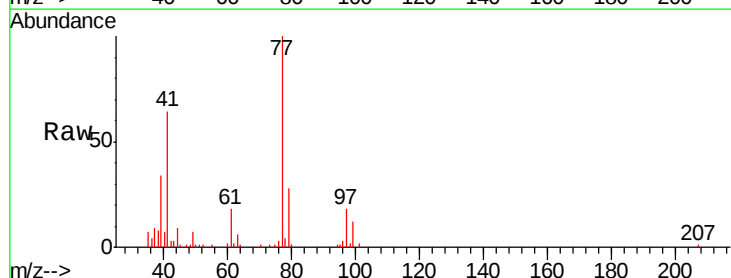
Acq: 20 Nov 2018 14:51

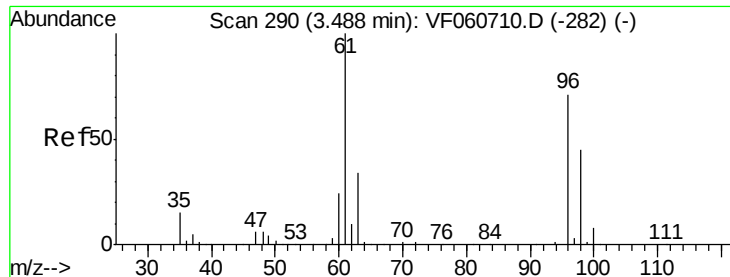
Tgt Ion: 77 Resp: 52899

Ion Ratio Lower Upper

77 100

97 17.8 8.8 26.5





#27

cis-1,2-Dichloroethene

Concen: 23.49 ug/l

RT: 3.48 min Scan# 289

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

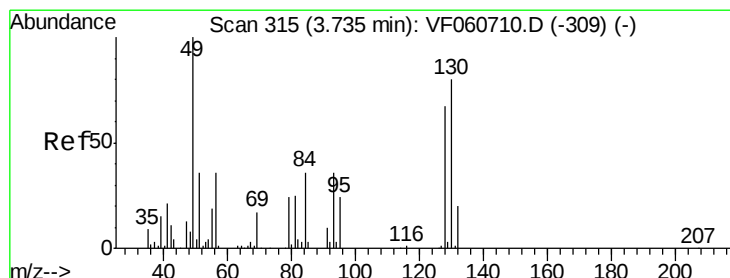
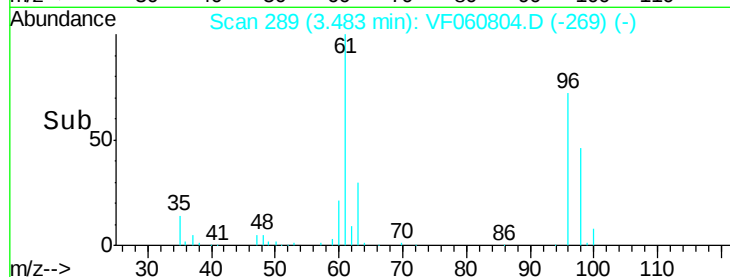
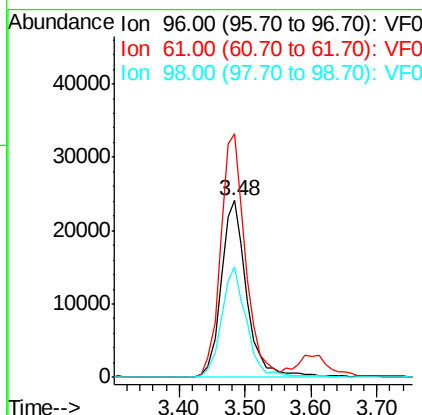
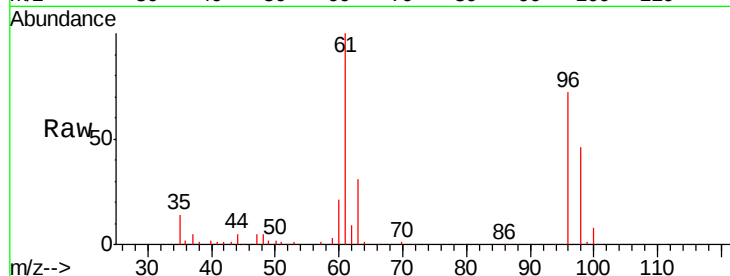
ClientSampleId :

VF1120SBS01

Tgt Ion:	96	Resp:	65279
Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	280.6
98	62.8	0.0	127.6

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#28

Bromochloromethane

Concen: 22.63 ug/l

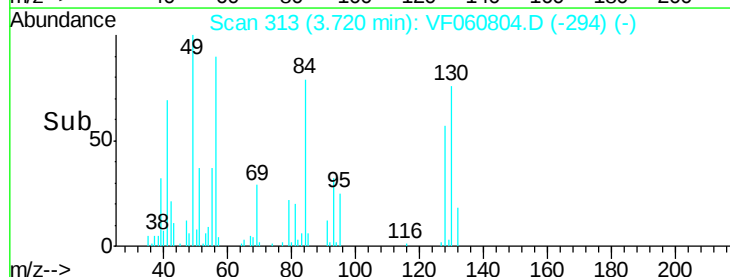
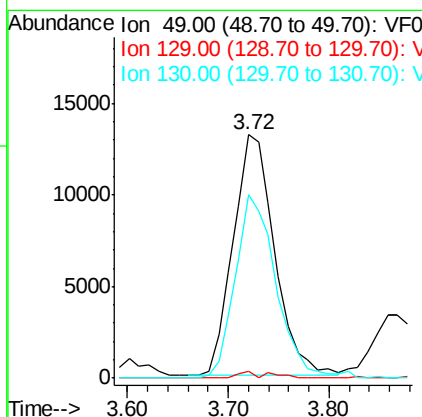
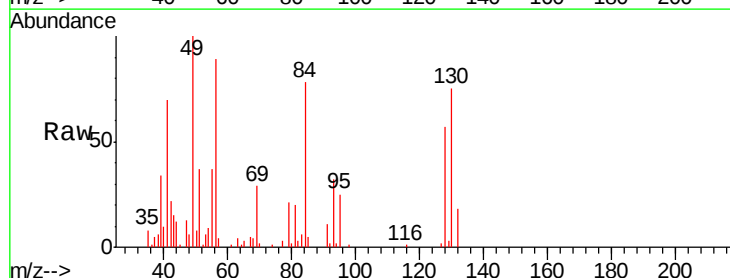
RT: 3.72 min Scan# 313

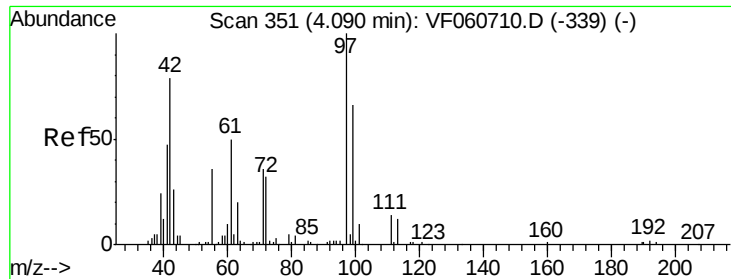
Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion:	49	Resp:	37644
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	75.3	63.9	95.9





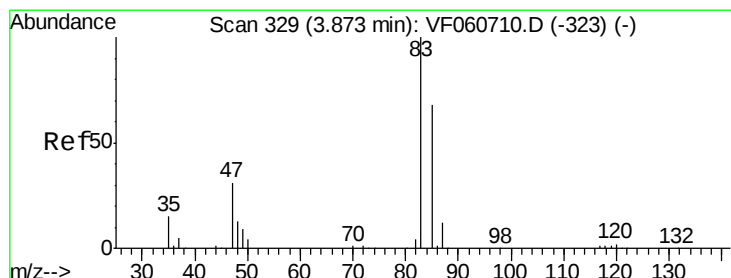
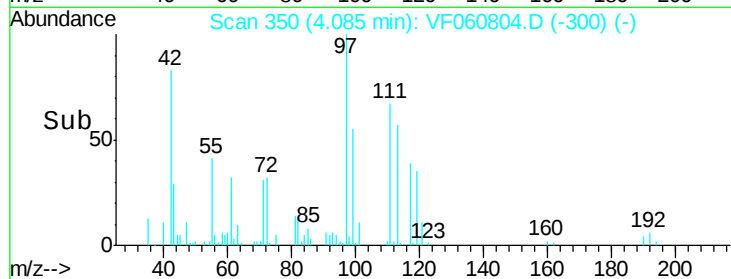
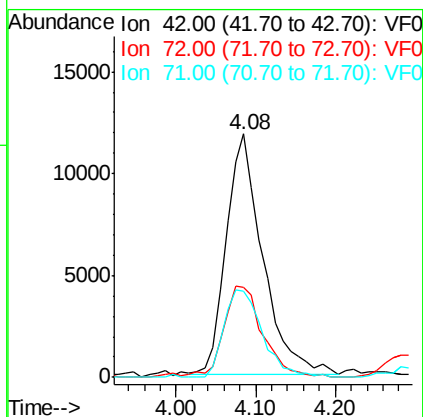
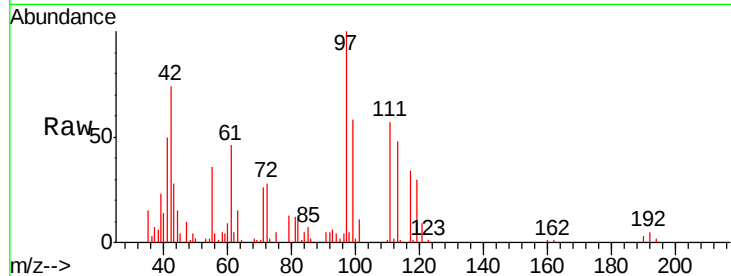
#29
Tetrahydrofuran
Concen: 119.50 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.7	30.3	45.5
71	38.4	32.2	48.2

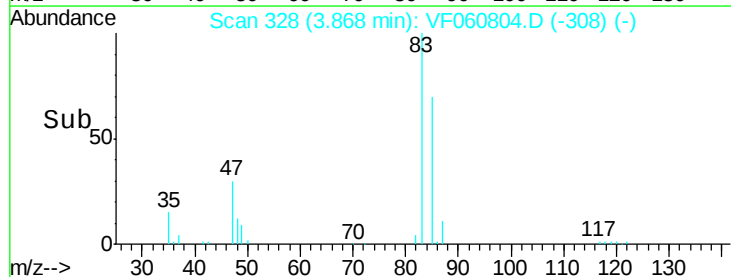
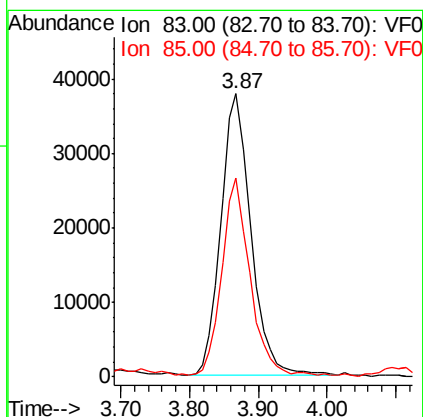
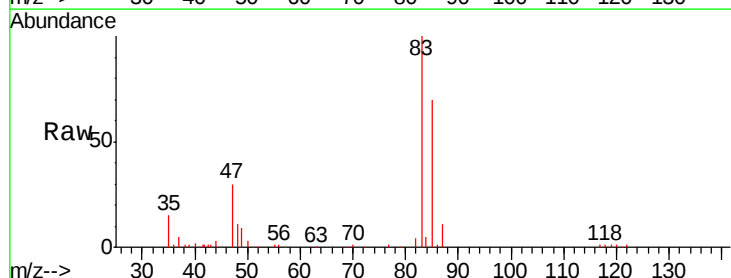
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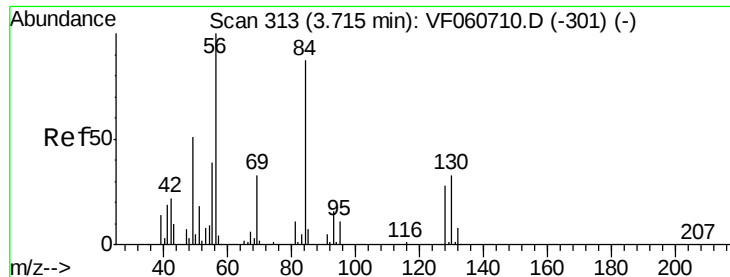
apatel
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#30
Chloroform
Concen: 22.37 ug/l
RT: 3.87 min Scan# 328
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.2	54.6	82.0





#31

Cyclohexane

Concen: 22.22 ug/l

RT: 3.70 min Scan# 311

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

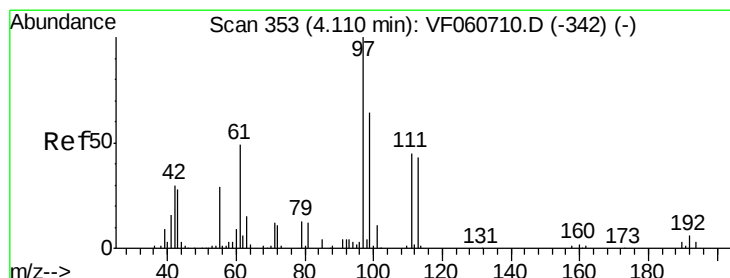
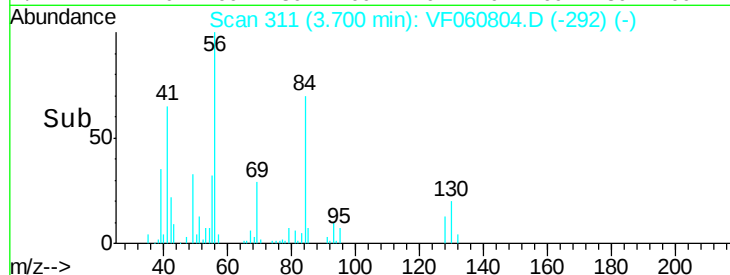
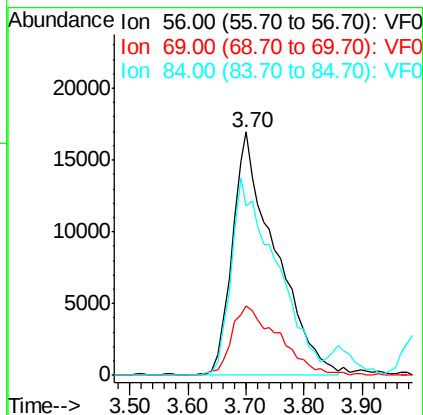
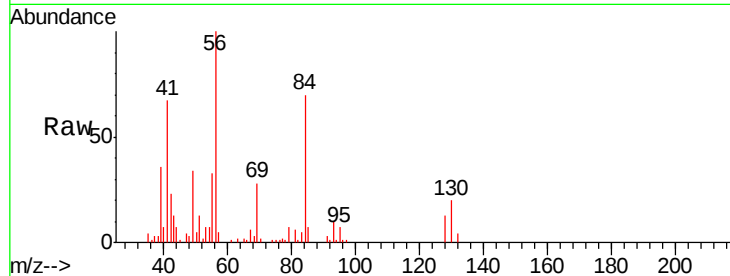
ClientSampleId :

VF1120SBS01

Tgt Ion:	56	Resp:	86328
Ion Ratio	Lower	Upper	
56	100		
69	28.4	26.0	39.0
84	69.5	69.4	104.2

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#32

1,1,1-Trichloroethane

Concen: 20.84 ug/l

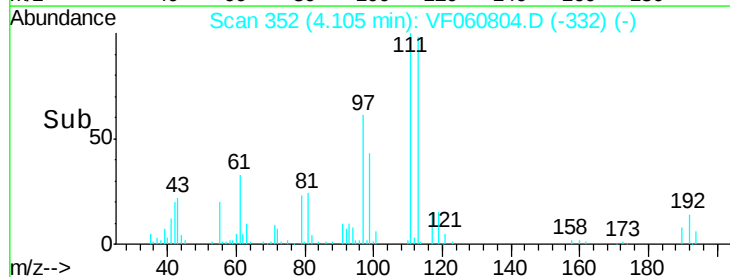
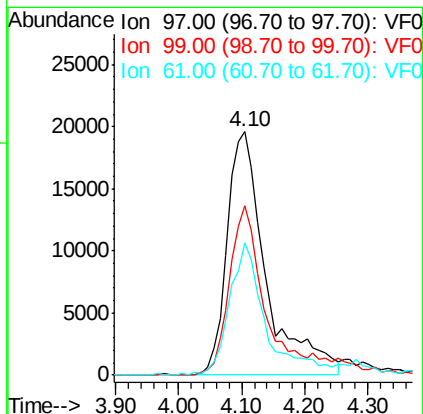
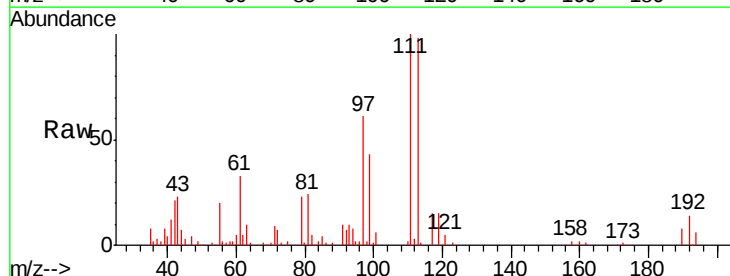
RT: 4.10 min Scan# 352

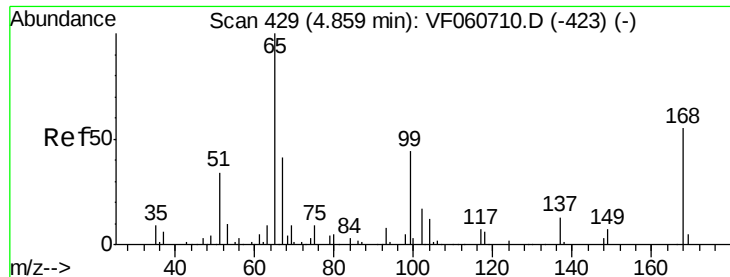
Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion:	97	Resp:	84280
Ion Ratio	Lower	Upper	
97	100		
99	69.6	51.1	76.7
61	54.1	40.1	60.1





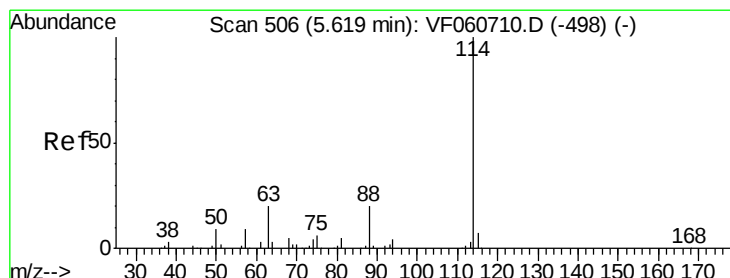
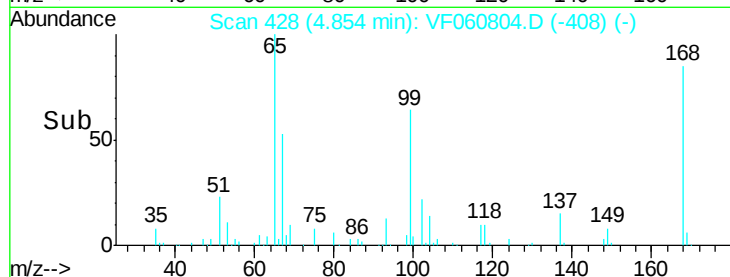
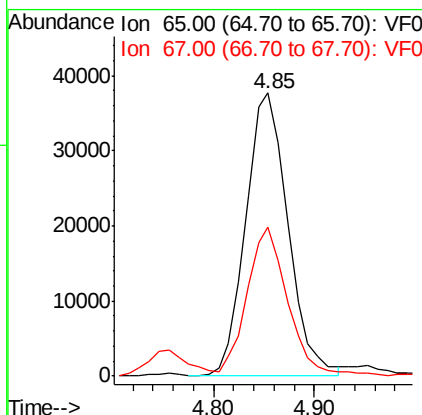
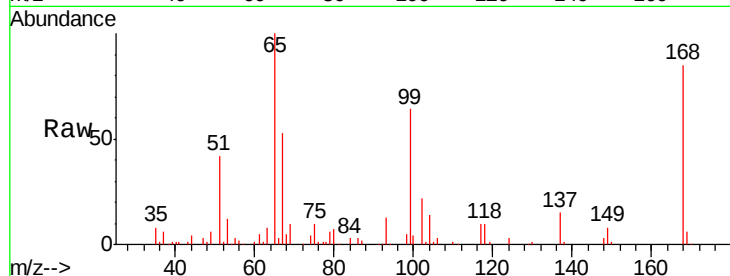
#33
 1,2-Dichloroethane-d4
 Concen: 50.35 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	110064		
67	52.9	0.0	90.2	

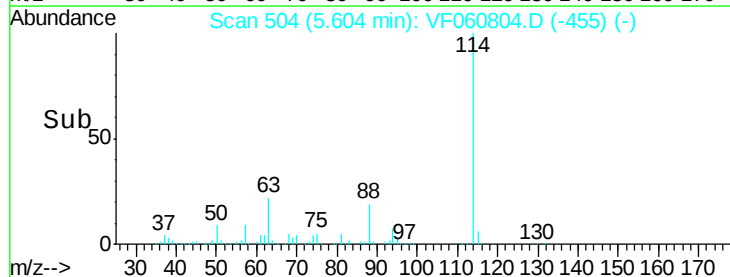
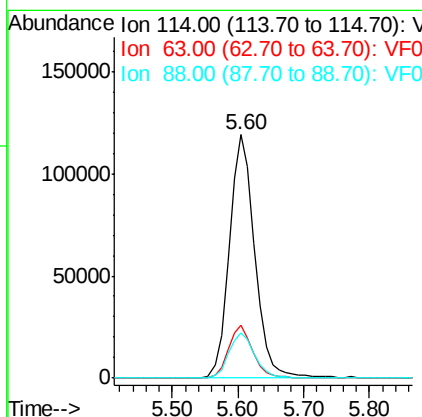
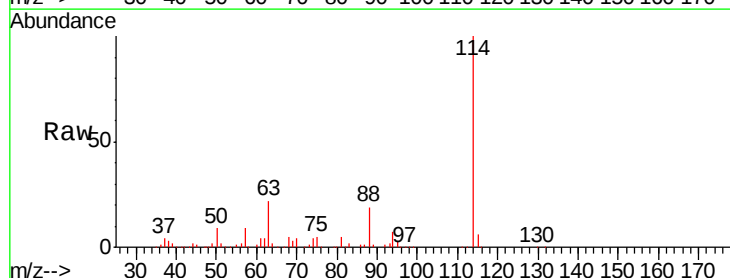
Manual Integrations
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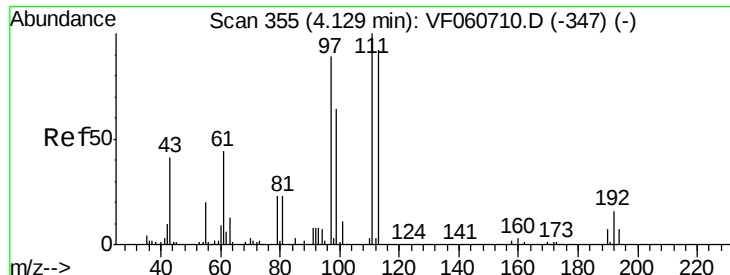
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	321484		
63	21.8	0.0	40.8	
88	18.7	0.0	39.6	





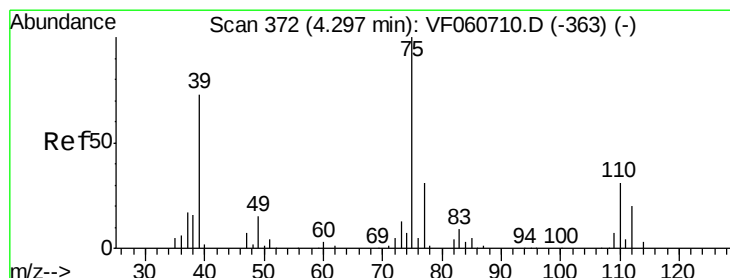
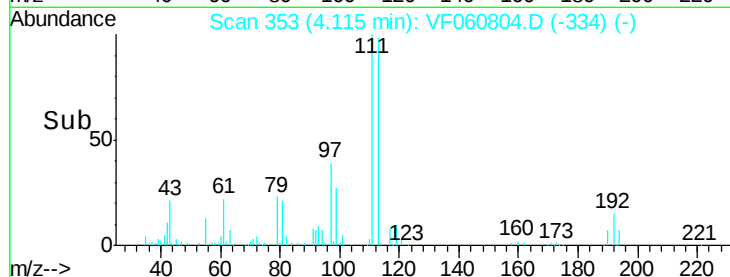
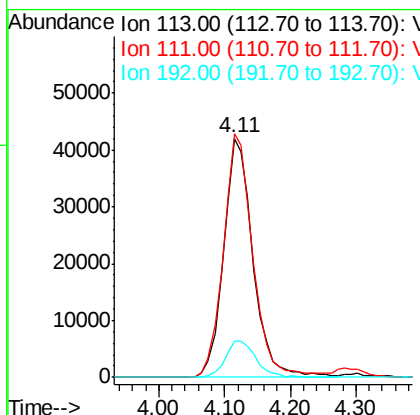
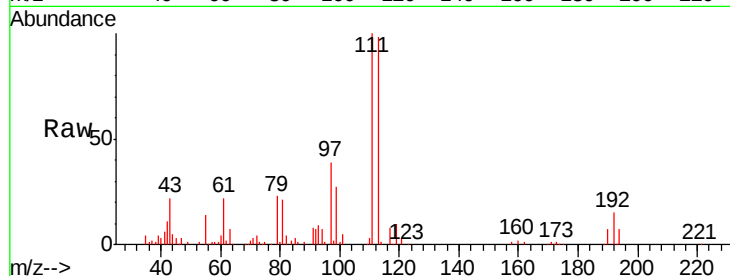
#35
Dibromofluoromethane
Concen: 54.14 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	130826		
111	101.9	87.1	130.7	
192	15.0	13.8	20.6	

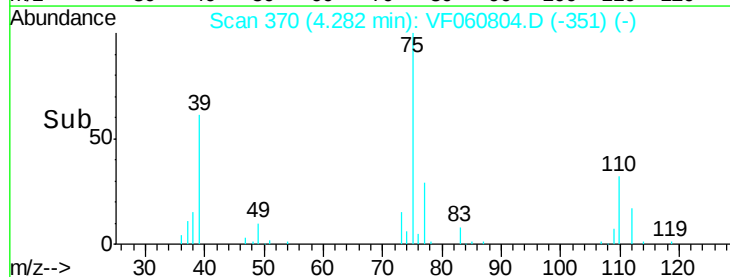
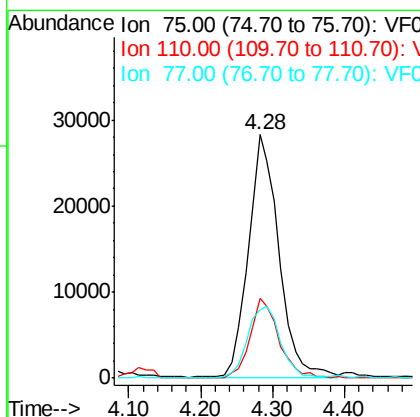
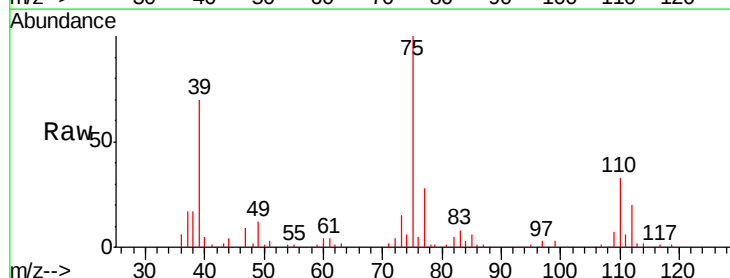
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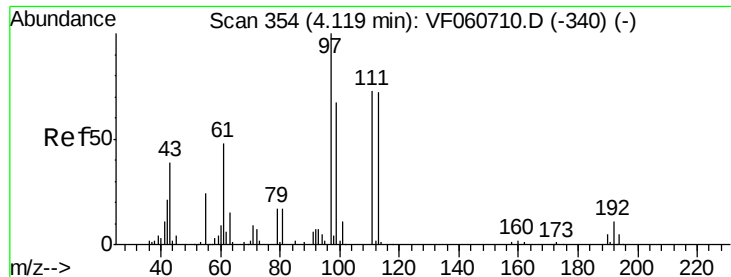
apatel
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#36
1,1-Dichloropropene
Concen: 22.65 ug/l
RT: 4.28 min Scan# 370
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84465		
110	32.8	15.6	46.8	
77	28.1	25.0	37.6	





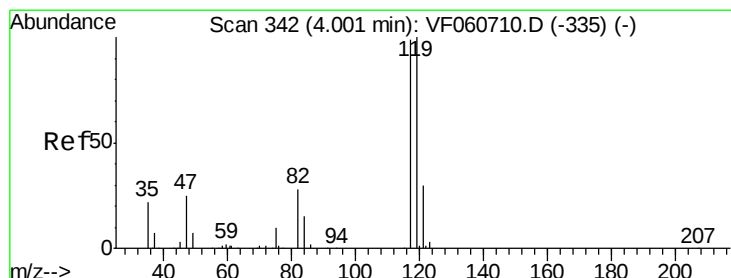
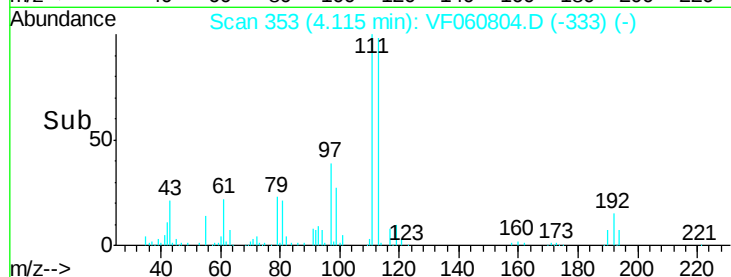
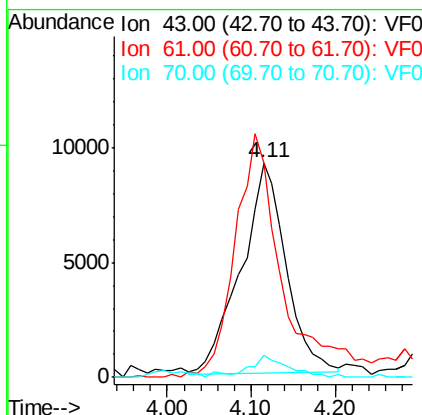
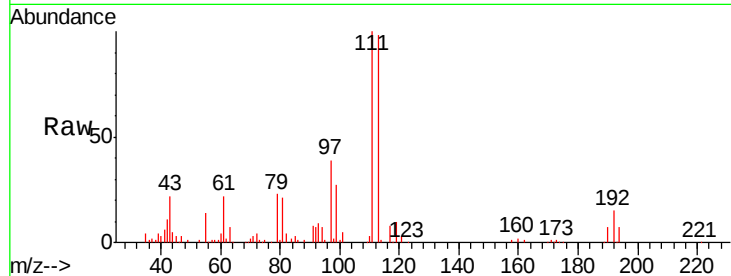
#37
Ethyl Acetate
Concen: 24.90 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	99.6	98.5	147.7
70	10.5	7.4	11.0

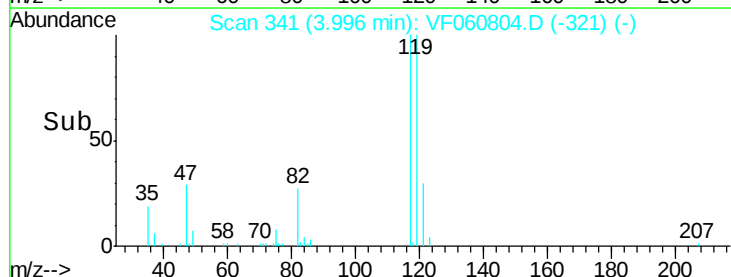
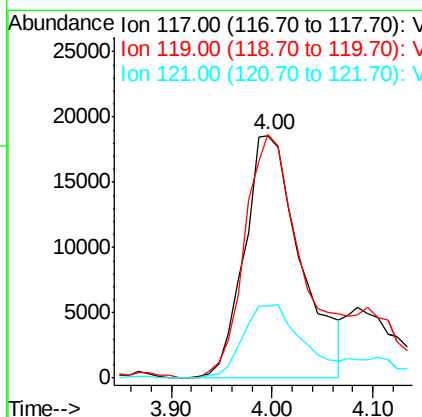
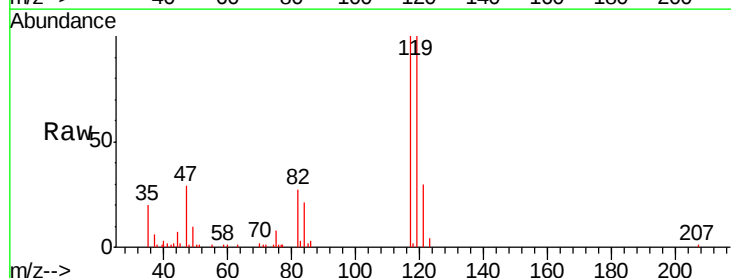
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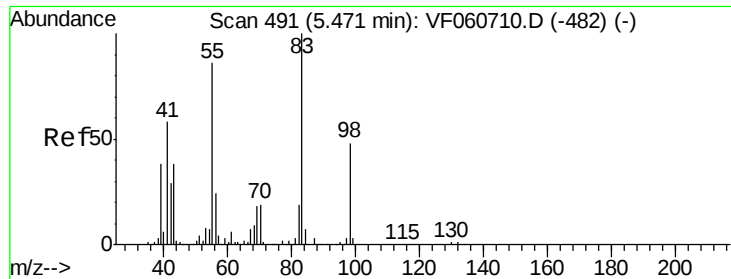
apatel
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#38
Carbon Tetrachloride
Concen: 20.00 ug/l
RT: 4.00 min Scan# 341
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	80.7	121.1
121	29.8	24.3	36.5





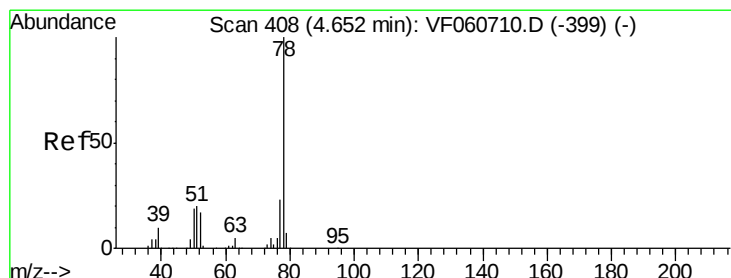
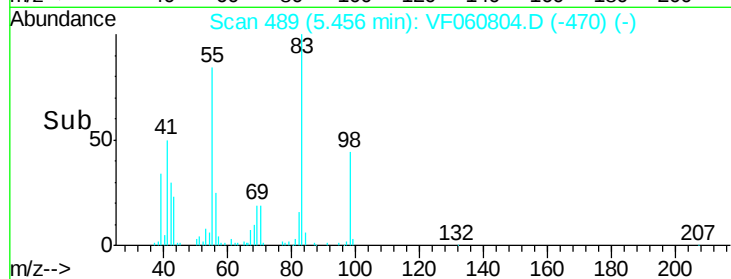
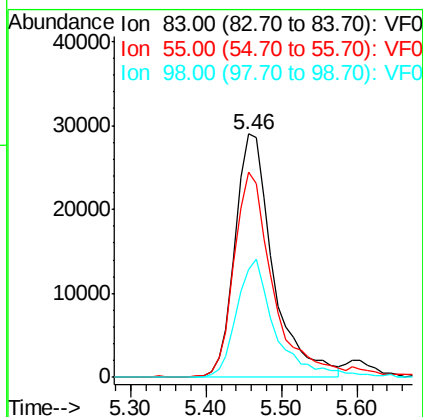
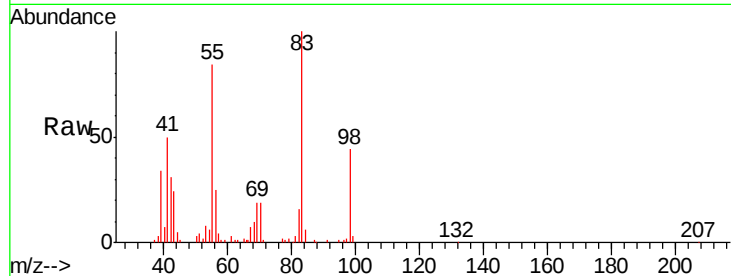
#39
Methylcyclohexane
Concen: 23.45 ug/l
RT: 5.46 min Scan# 489
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	101423		
55	84.3	69.0	103.4	
98	44.4	38.5	57.7	

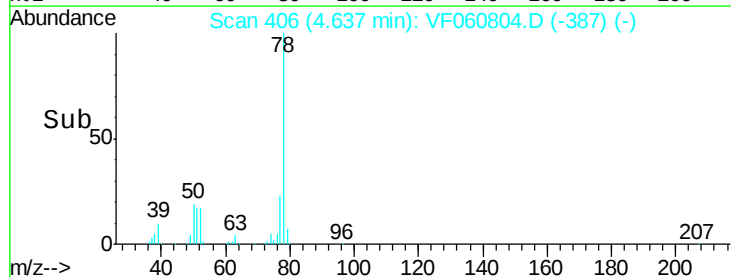
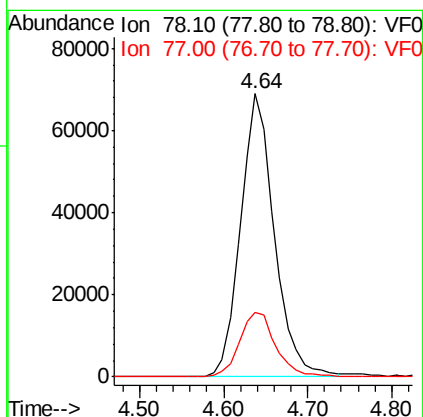
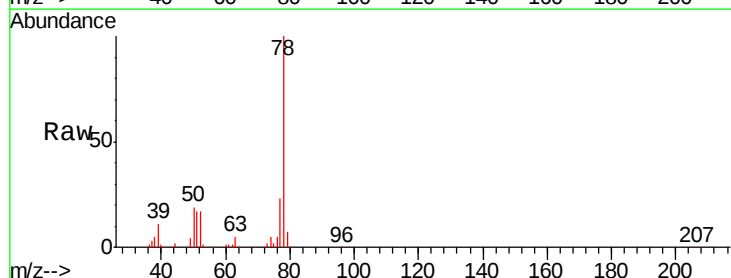
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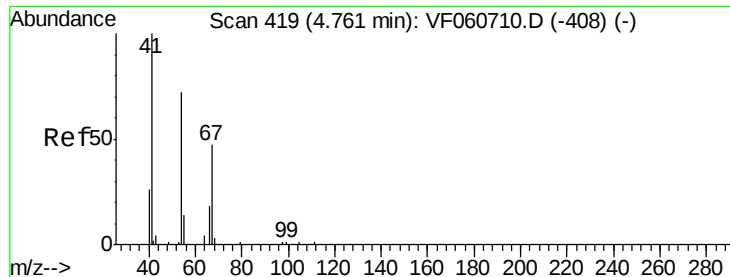
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#40
Benzene
Concen: 23.22 ug/l
RT: 4.64 min Scan# 406
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	192998		
77	22.8	18.6	28.0	





#41

Methacrylonitrile

Concen: 23.82 ug/l

RT: 4.76 min Scan# 418

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

Tgt Ion: 41 Resp: 19279

Ion Ratio Lower Upper

41 100

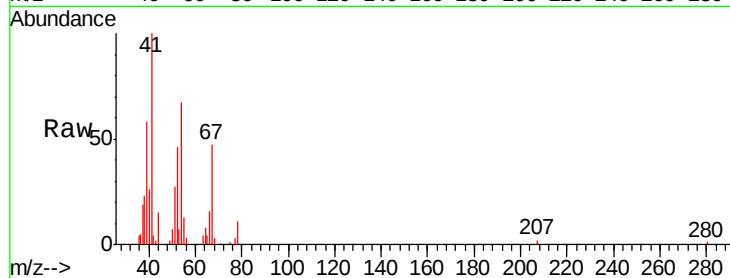
39 58.4 47.1 70.7

67 47.2 37.1 55.7

52 46.2 39.3 58.9

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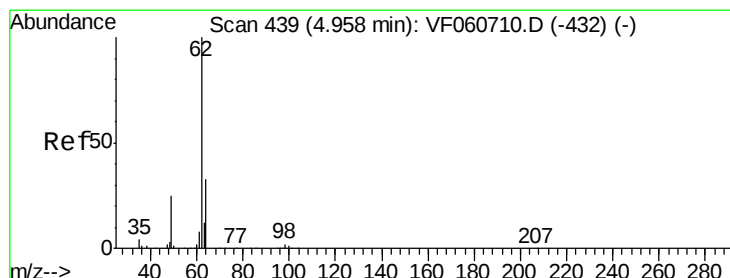
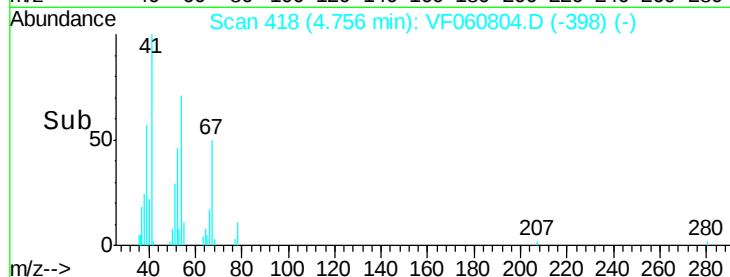
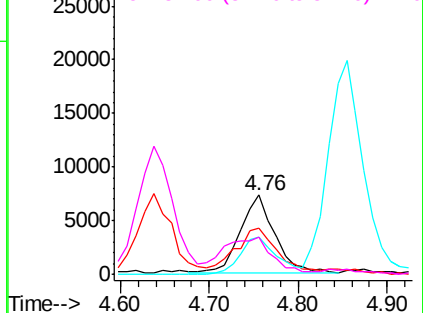


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 22.28 ug/l

RT: 4.95 min Scan# 438

Delta R.T. -0.00 min

Lab File: VF060804.D

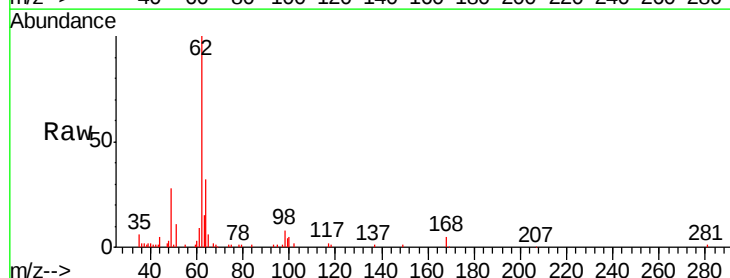
Acq: 20 Nov 2018 14:51

Tgt Ion: 62 Resp: 63990

Ion Ratio Lower Upper

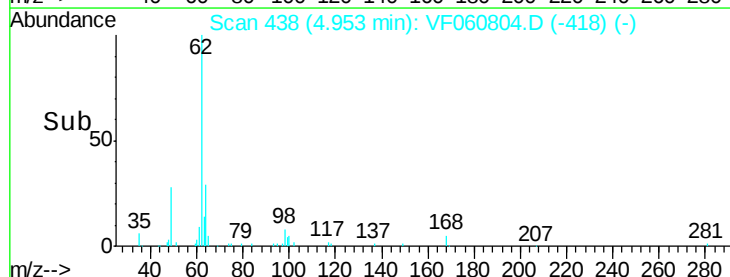
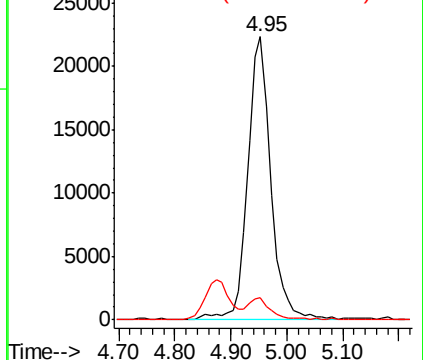
62 100

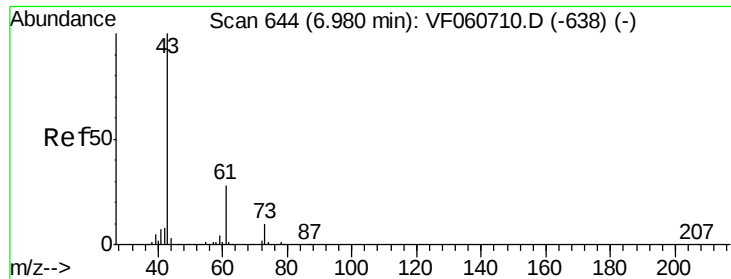
98 7.9 0.0 16.6



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

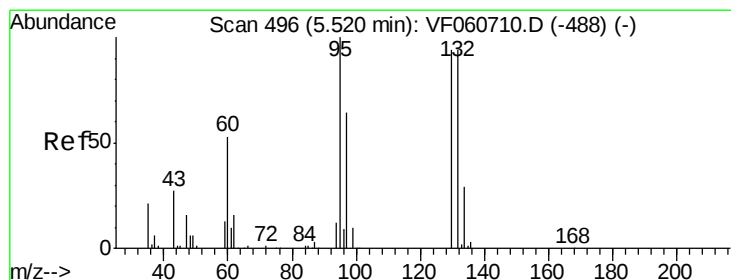
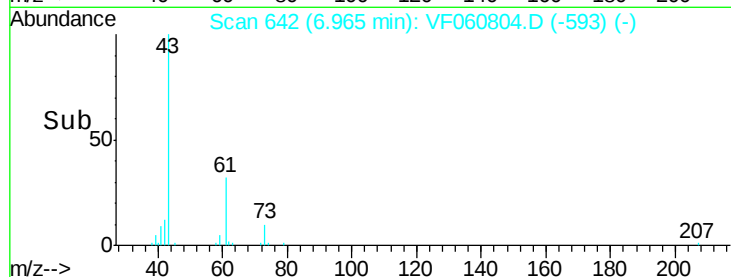
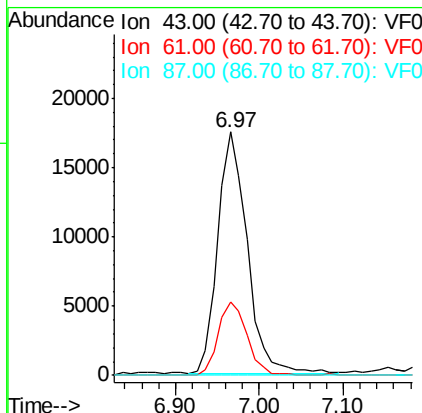
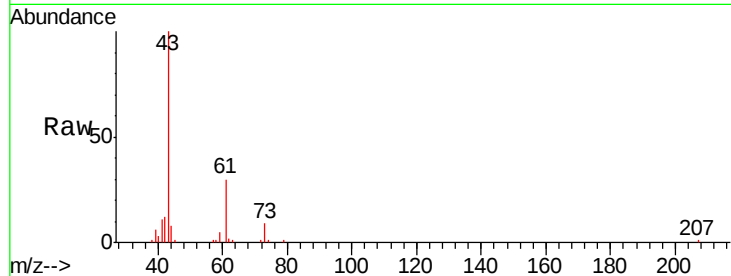
Isopropyl Acetate
 Concen: 23.14 ug/l
 RT: 6.97 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.4	22.2	33.4
87	0.0	0.4	0.6

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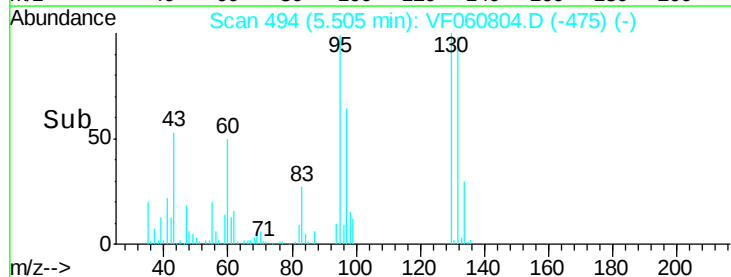
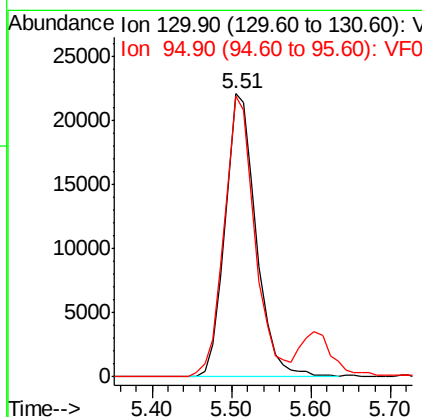
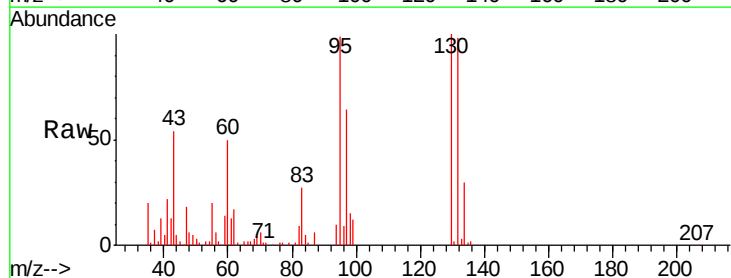
apatel
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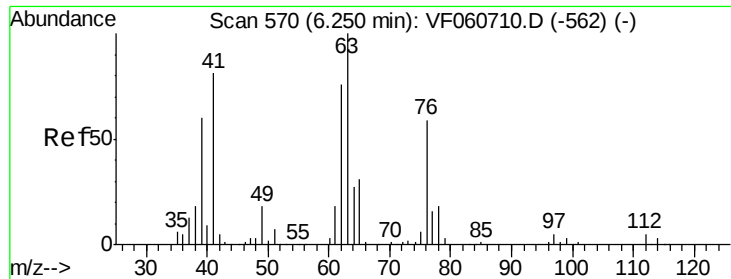


#44

Trichloroethene
 Concen: 22.96 ug/l
 RT: 5.51 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	212.6





#45

1,2-Dichloropropane

Concen: 23.79 ug/l

RT: 6.25 min Scan# 569

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

Tgt Ion: 63 Resp: 51452

Ion Ratio Lower Upper

63 100

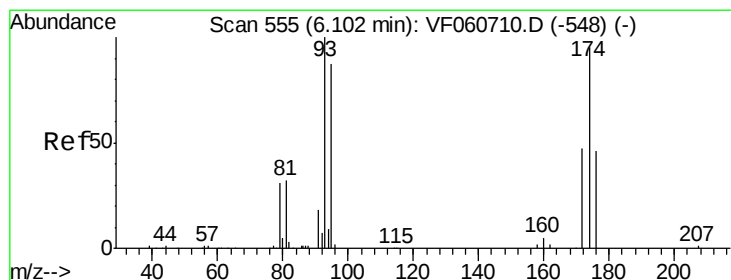
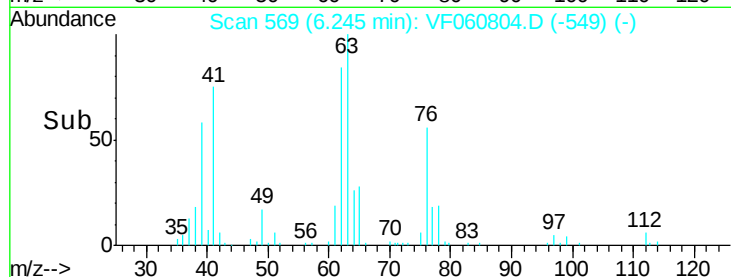
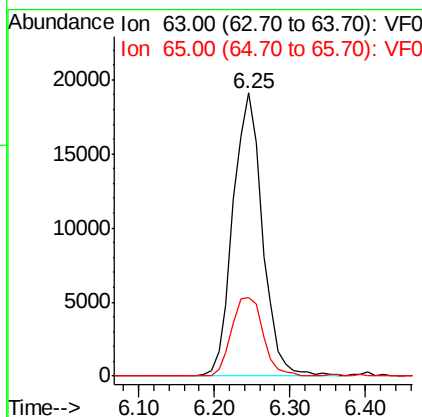
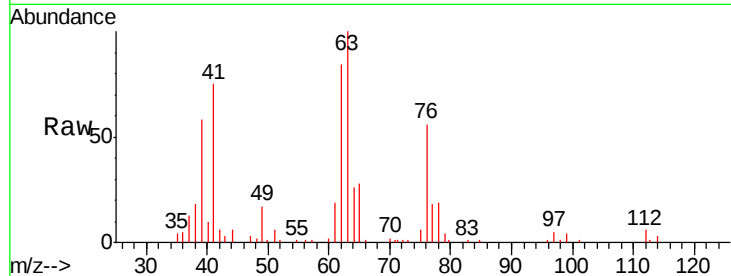
65 28.0 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 22.42 ug/l

RT: 6.10 min Scan# 554

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

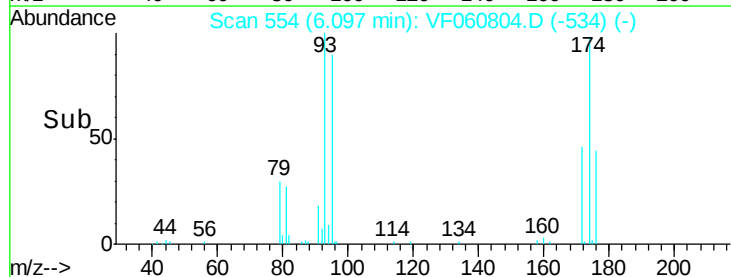
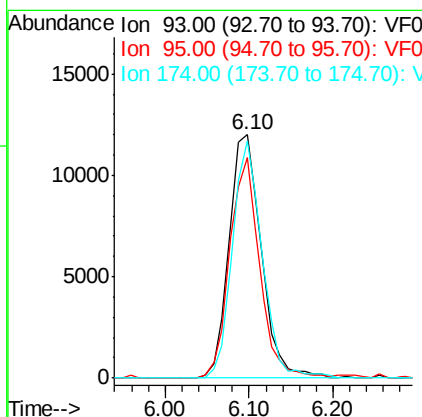
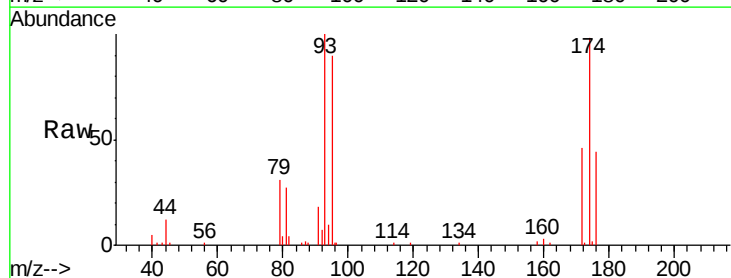
Tgt Ion: 93 Resp: 32006

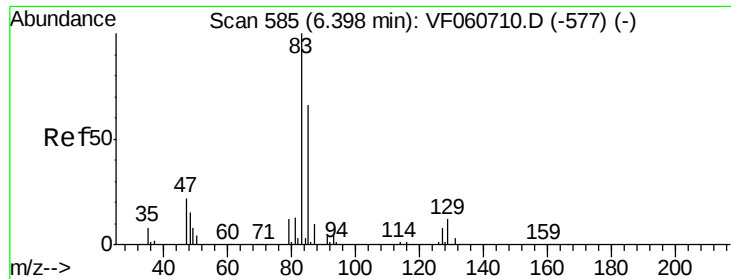
Ion Ratio Lower Upper

93 100

95 90.5 69.5 104.3

174 97.7 76.2 114.2





#47

Bromodichloromethane

Concen: 22.28 ug/l

RT: 6.39 min Scan# 584

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

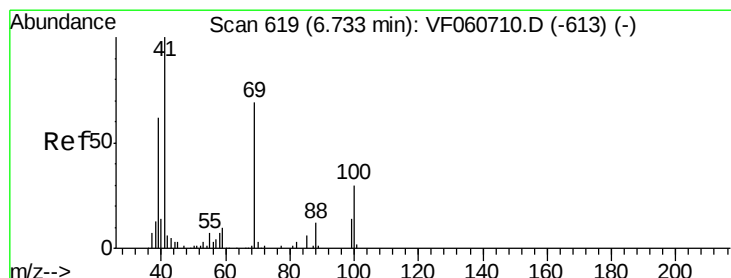
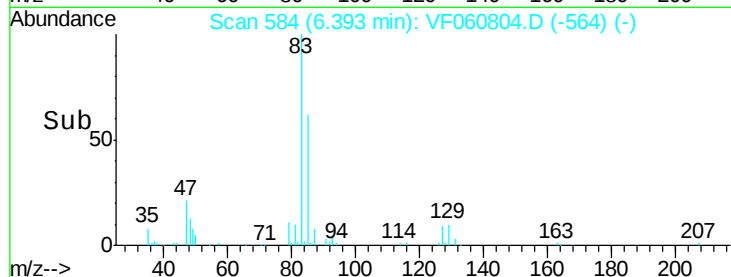
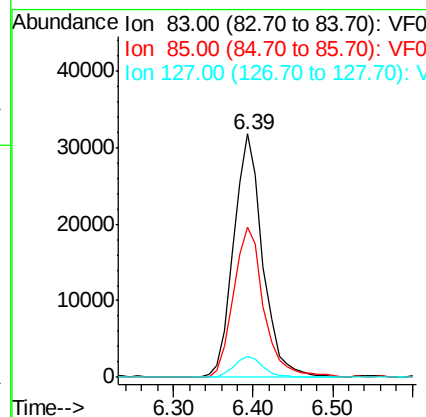
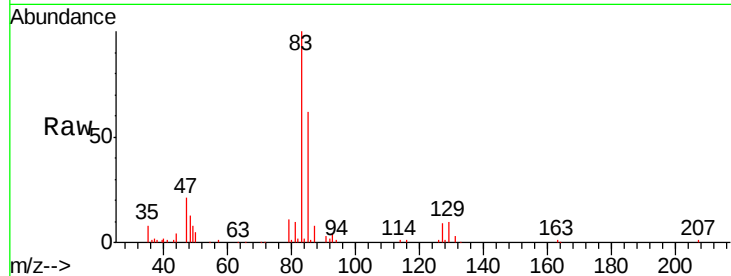
ClientSampleId :

VF1120SBS01

Tgt Ion:	83	Resp:	81239
Ion	Ratio	Lower	Upper
83	100		
85	61.7	52.4	78.6
127	8.5	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 23.33 ug/l

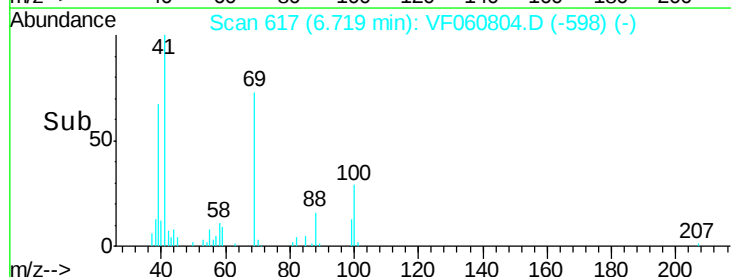
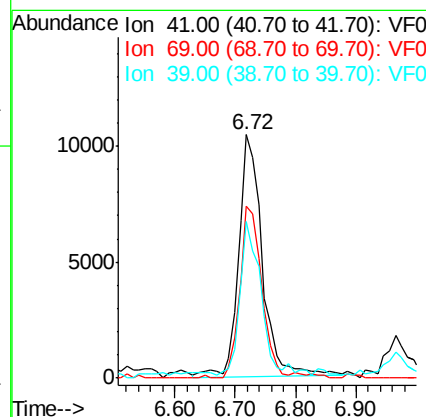
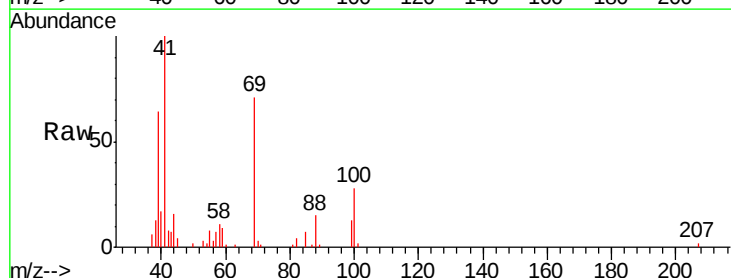
RT: 6.72 min Scan# 617

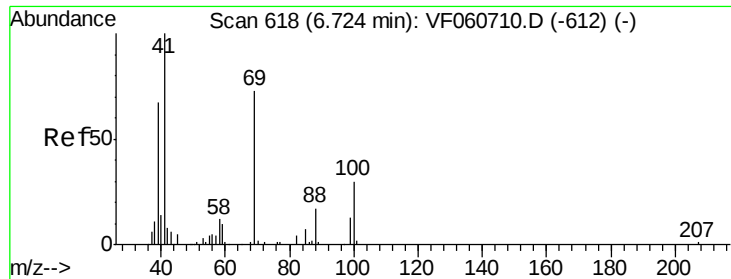
Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion:	41	Resp:	28382
Ion	Ratio	Lower	Upper
41	100		
69	70.7	54.9	82.3
39	64.4	49.6	74.4





#49

1,4-Dioxane

Concen: 451.75 ug/l

RT: 6.72 min Scan# 617

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

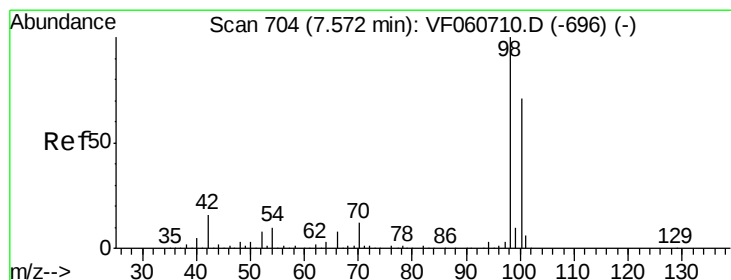
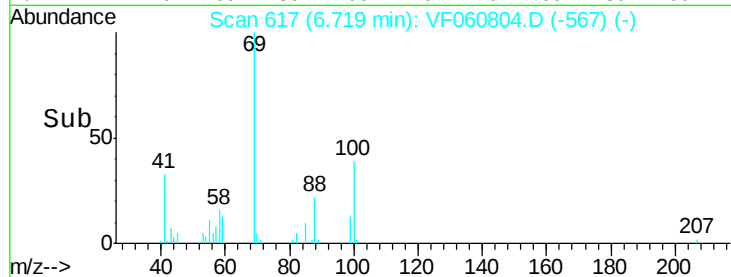
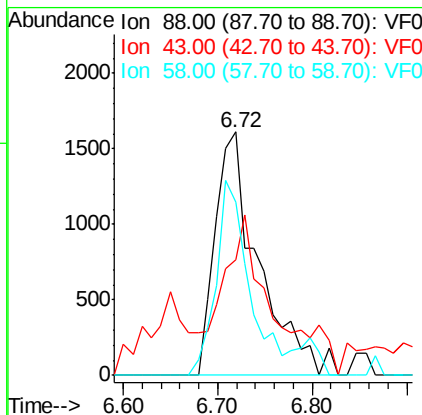
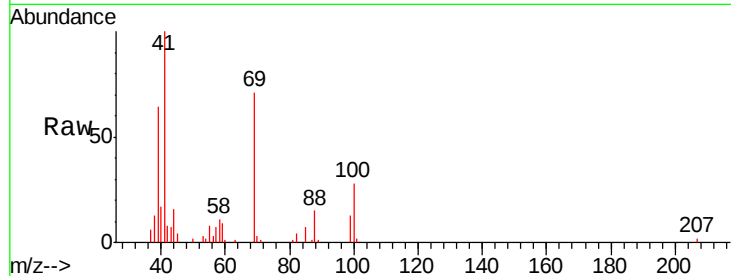
ClientSampleId :

VF1120SBS01

Tgt Ion:	88	Resp:	5139
Ion	Ratio	Lower	Upper
88	100		
43	47.7	44.6	66.8
58	71.4	54.5	81.7

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#50

Toluene-d8

Concen: 52.89 ug/l

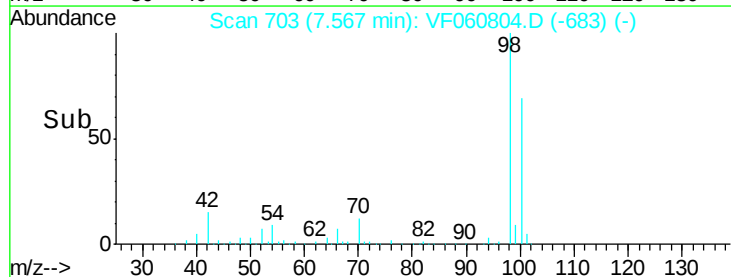
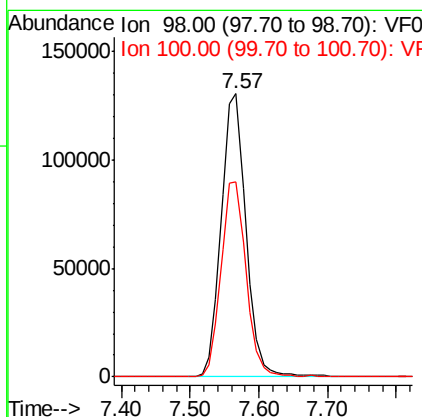
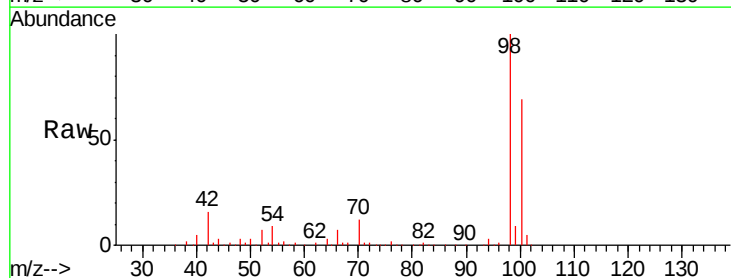
RT: 7.57 min Scan# 703

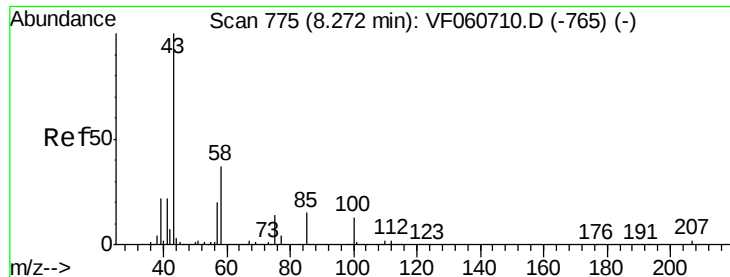
Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion:	98	Resp:	326662
Ion	Ratio	Lower	Upper
98	100		
100	69.0	56.5	84.7





#51

4-Methyl-2-Pentanone

Concen: 118.40 ug/l

RT: 8.27 min Scan# 774

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

Tgt Ion: 43 Resp: 157380

Ion Ratio Lower Upper

43 100

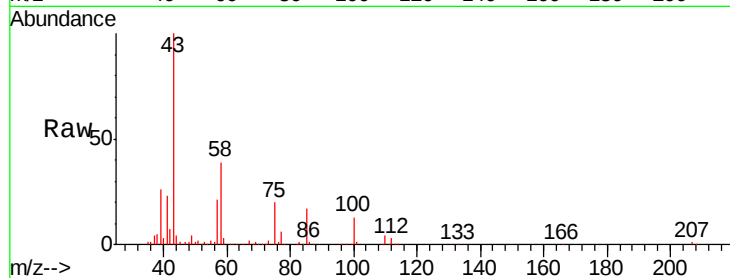
58 38.5 29.2 43.8

Manual Integrations

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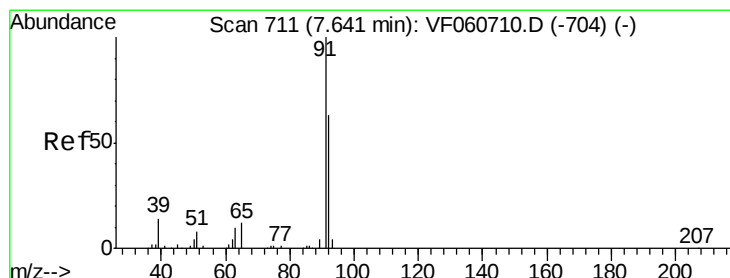
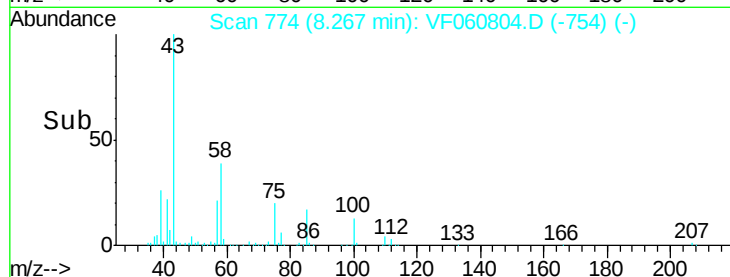
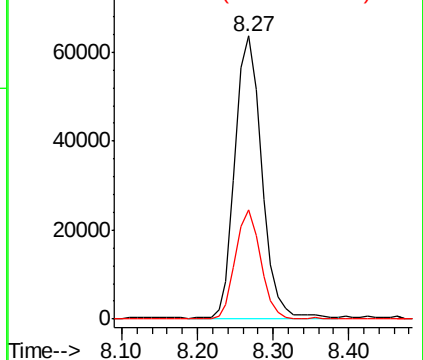
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 21.64 ug/l

RT: 7.64 min Scan# 710

Delta R.T. -0.00 min

Lab File: VF060804.D

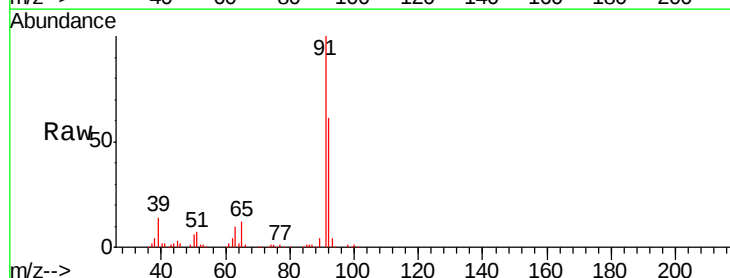
Acq: 20 Nov 2018 14:51

Tgt Ion: 92 Resp: 120532

Ion Ratio Lower Upper

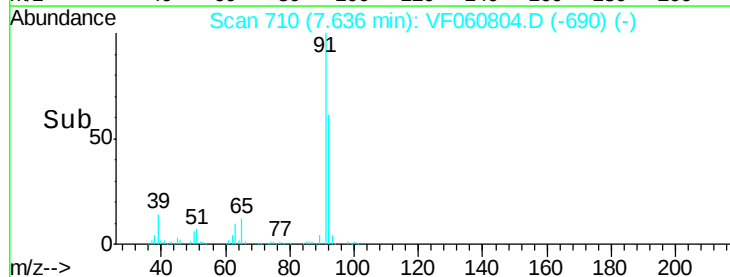
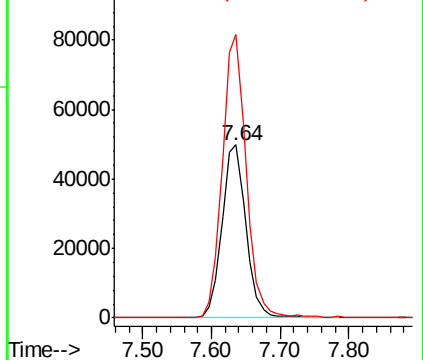
92 100

91 163.8 126.7 190.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





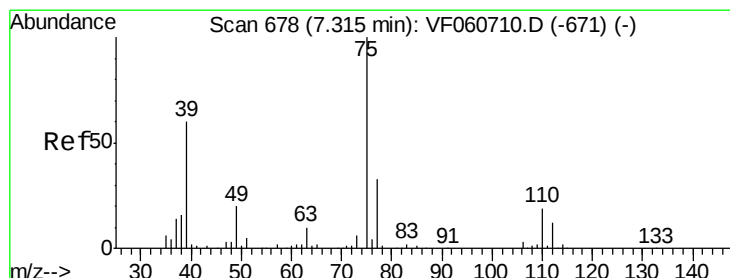
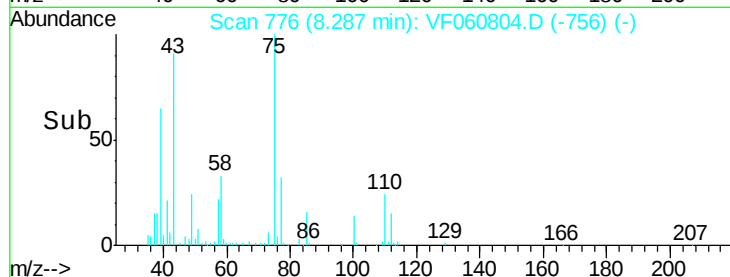
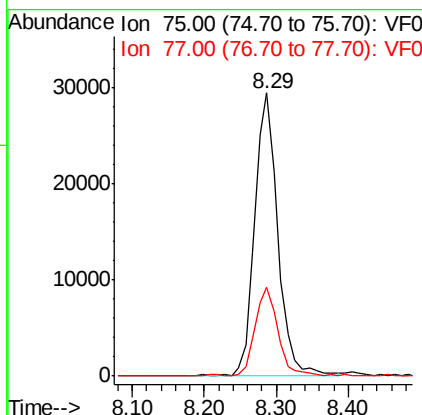
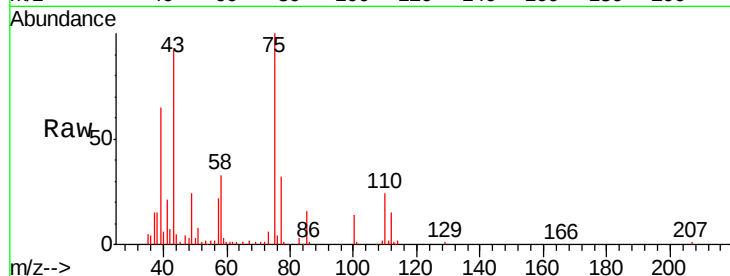
#53
t-1,3-Dichloropropene
Concen: 22.67 ug/l
RT: 8.29 min Scan# 776
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion: 75 Resp: 66204
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8

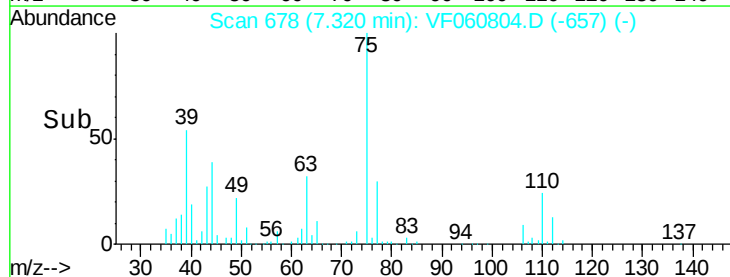
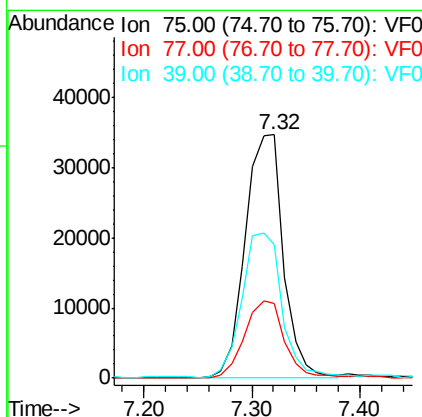
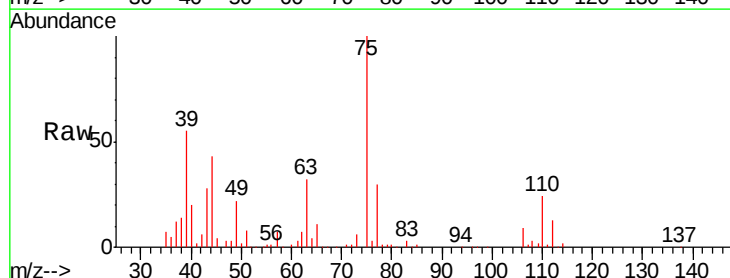
Manual Integrations
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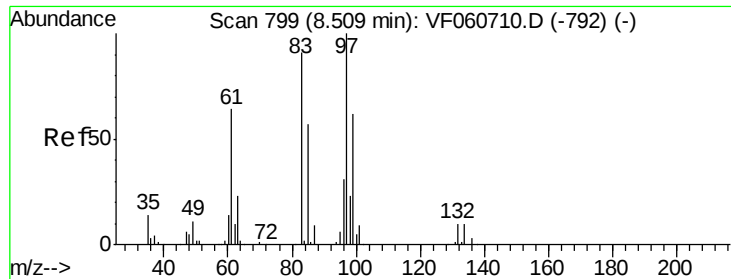
apatel
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#54
cis-1,3-Dichloropropene
Concen: 22.49 ug/l
RT: 7.32 min Scan# 678
Delta R.T. 0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion: 75 Resp: 85283
Ion Ratio Lower Upper
75 100
77 30.5 26.5 39.7
39 54.8 48.5 72.7





#55

1,1,2-Trichloroethane

Concen: 23.07 ug/l

RT: 8.49 min Scan# 797

Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

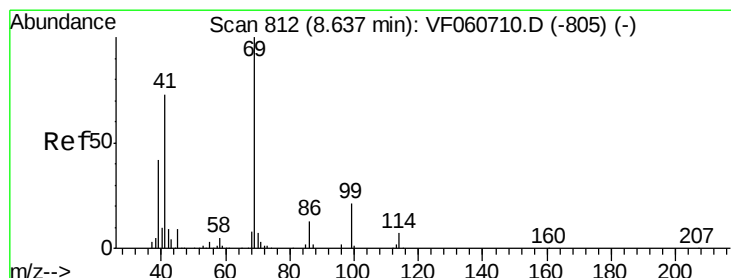
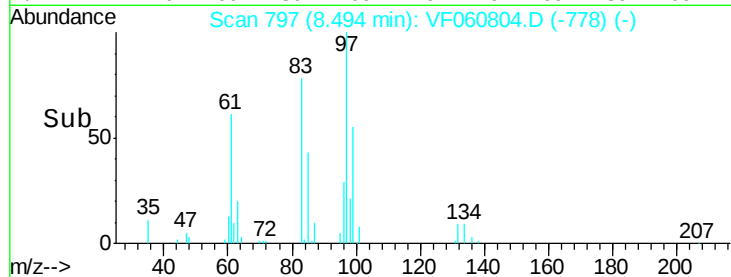
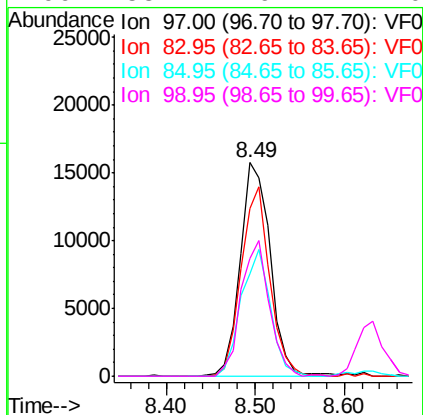
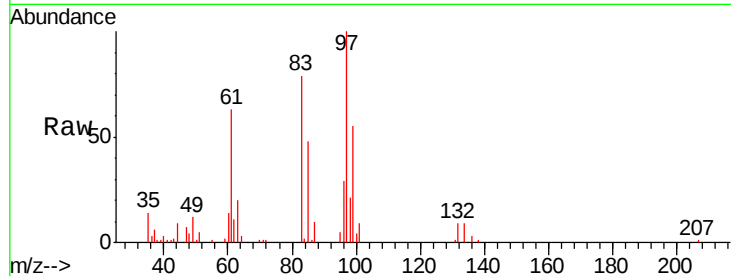
ClientSampleId :

VF1120SBS01

Tgt Ion:	97	Resp:	36719
Ion	Ratio	Lower	Upper
97	100		
83	78.6	72.8	109.2
85	48.2	45.8	68.6
99	55.4	49.4	74.0

Manual Integrations
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#56

Ethyl methacrylate

Concen: 22.43 ug/l

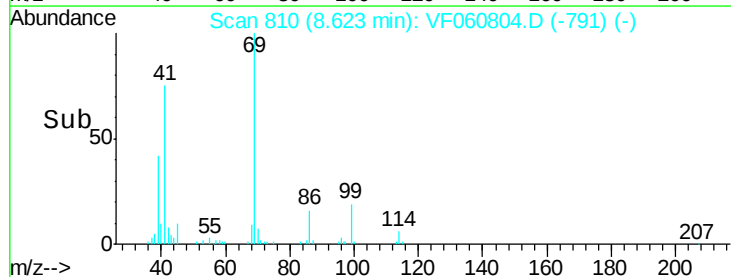
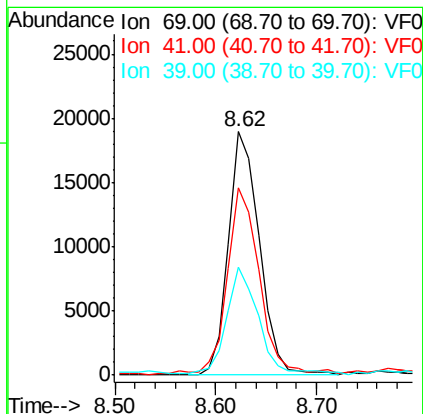
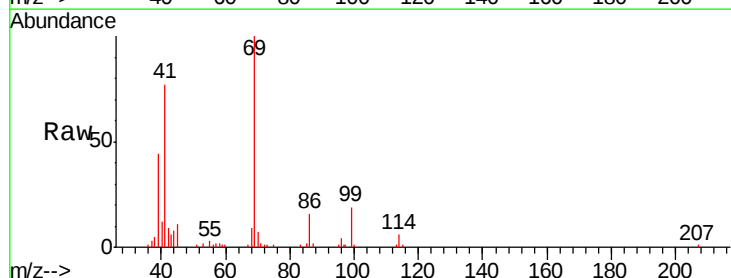
RT: 8.62 min Scan# 810

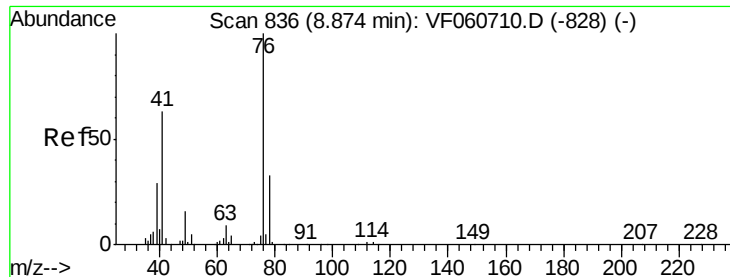
Delta R.T. -0.01 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion:	69	Resp:	40544
Ion	Ratio	Lower	Upper
69	100		
41	76.7	59.0	88.6
39	44.3	34.0	51.0





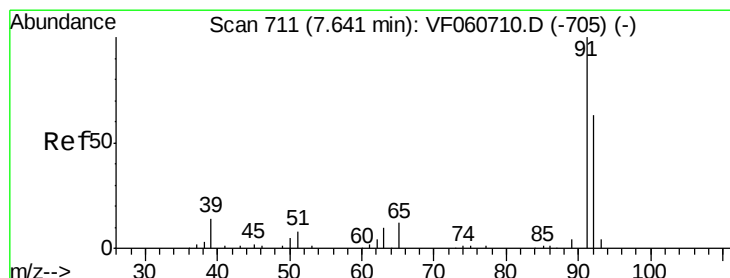
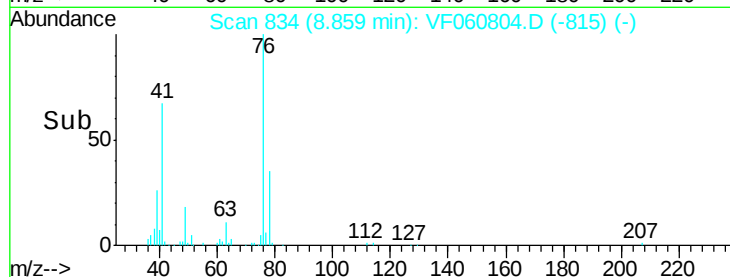
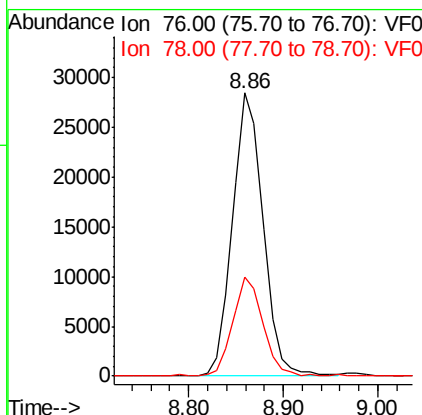
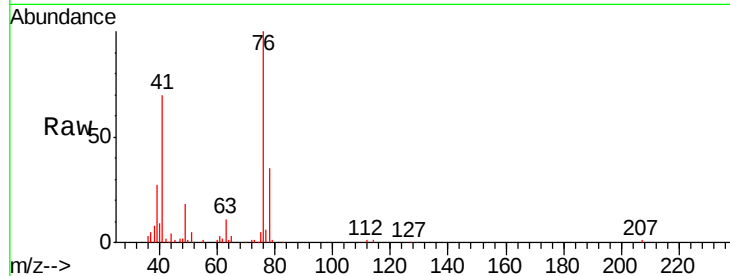
#57
 1,3-Dichloropropane
 Concen: 23.21 ug/l
 RT: 8.86 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

Tgt Ion: 76 Resp: 64022
 Ion Ratio Lower Upper
 76 100
 78 35.1 26.6 39.8

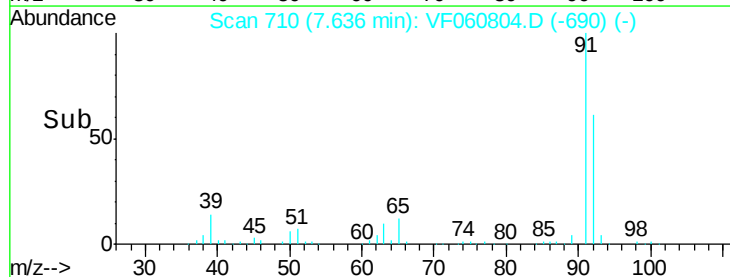
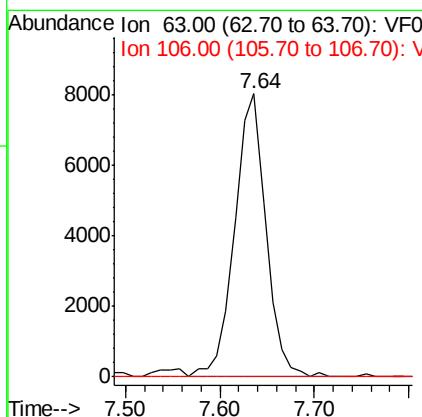
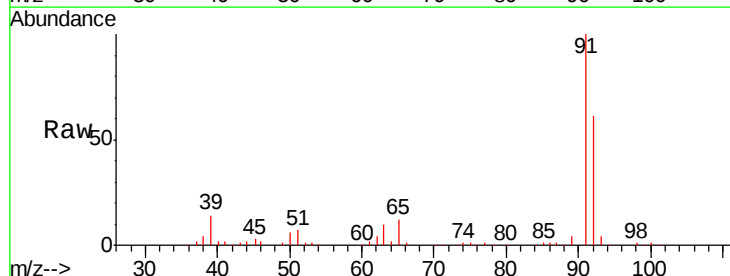
Manual Integrations
 APPROVED

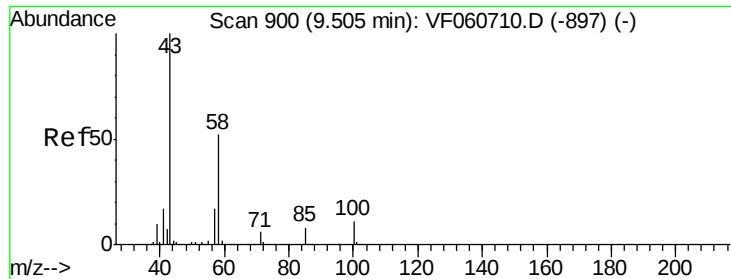
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#58
 2-Chloroethyl Vinyl ether
 Concen: 111.50 ug/l
 RT: 7.64 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion: 63 Resp: 18408
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0





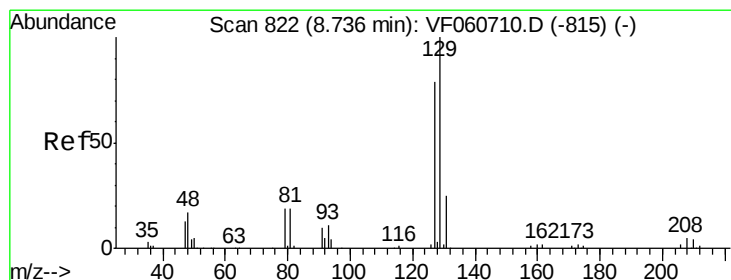
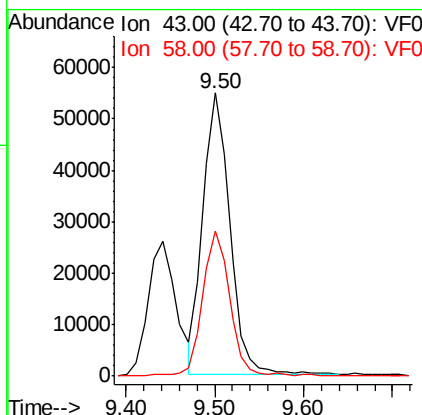
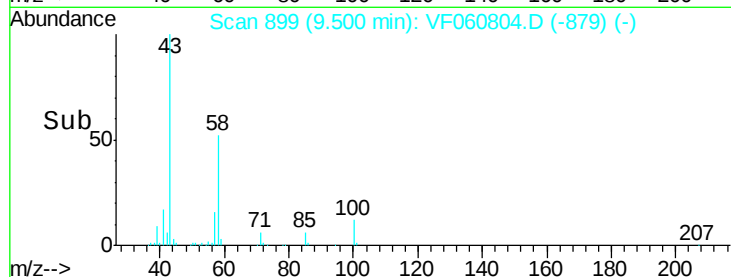
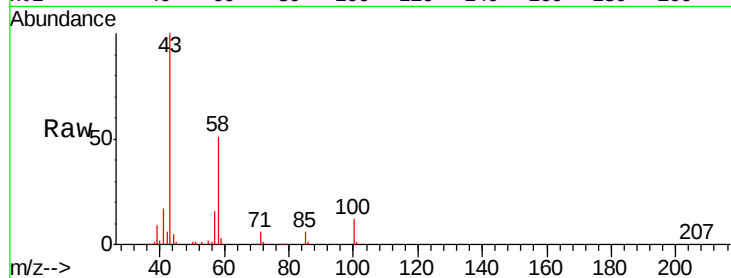
#59
2-Hexanone
Concen: 122.41 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion: 43 Resp: 114352
Ion Ratio Lower Upper
43 100
58 51.1 24.9 74.7

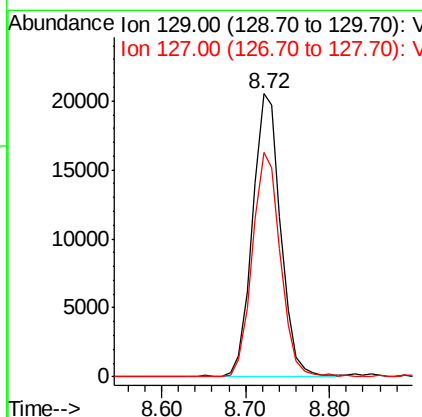
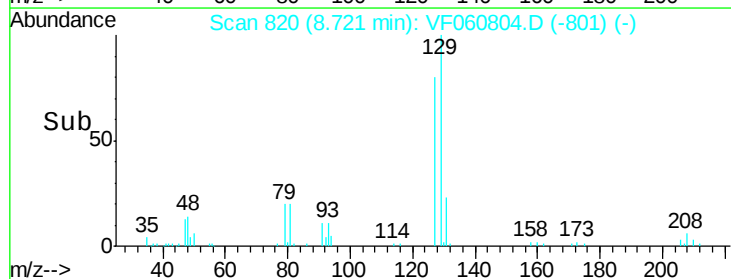
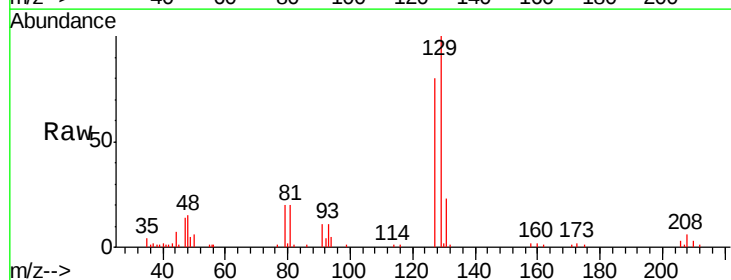
Manual Integrations
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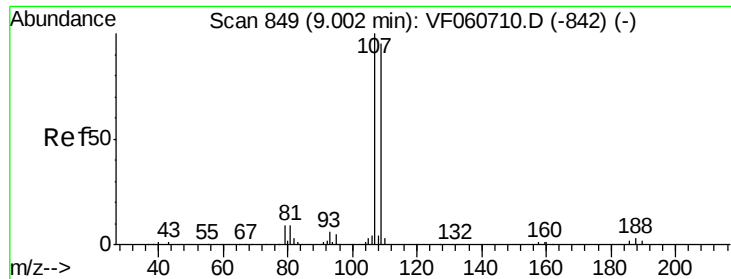
apatel
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#60
Dibromochloromethane
Concen: 21.32 ug/l
RT: 8.72 min Scan# 820
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion: 129 Resp: 48360
Ion Ratio Lower Upper
129 100
127 79.5 39.7 119.1





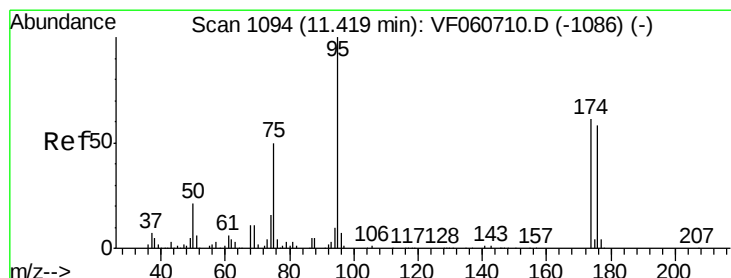
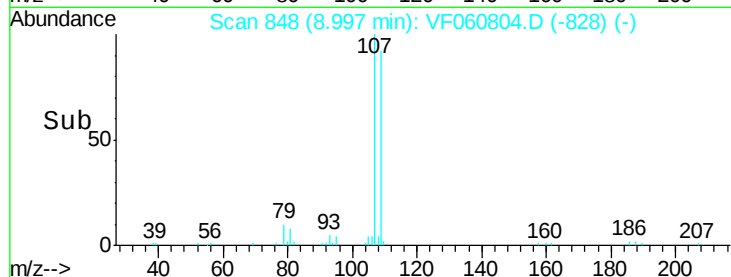
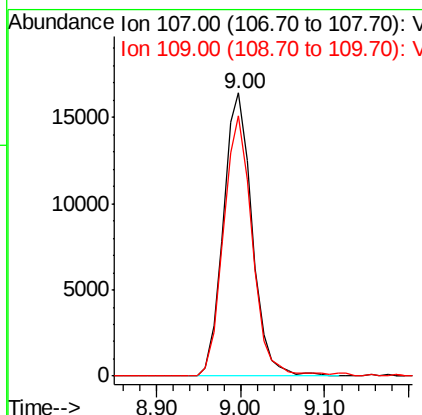
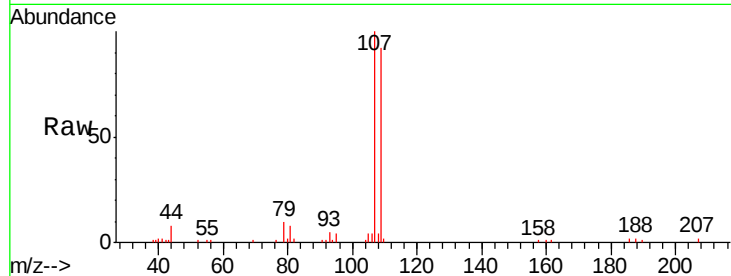
#61
 1,2-Dibromoethane
 Concen: 23.27 ug/l
 RT: 9.00 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

Tgt Ion: 107 Resp: 38946
 Ion Ratio Lower Upper
 107 100
 109 92.1 75.9 113.9

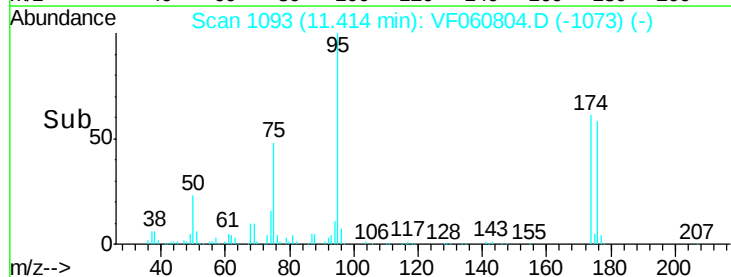
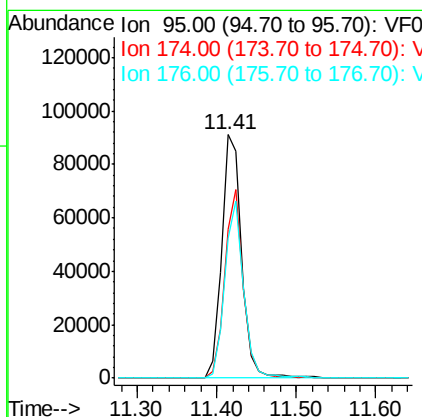
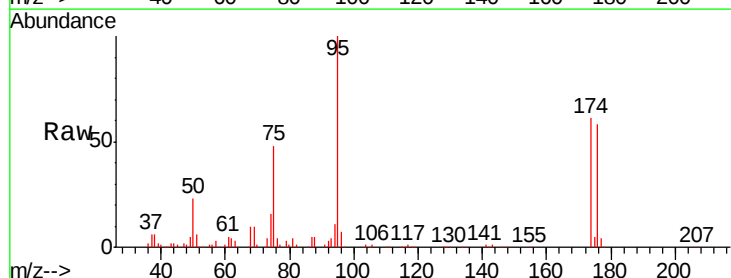
Manual Integrations
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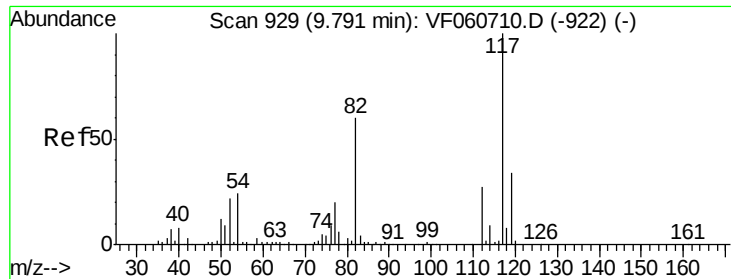
apatel
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#62
 4-Bromofluorobenzene
 Concen: 57.16 ug/l
 RT: 11.41 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion: 95 Resp: 161810
 Ion Ratio Lower Upper
 95 100
 174 61.2 0.0 121.6
 176 57.7 0.0 115.2





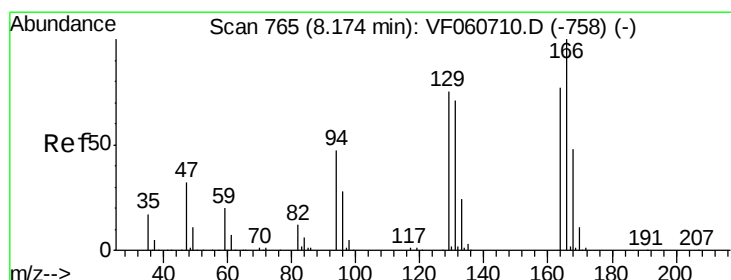
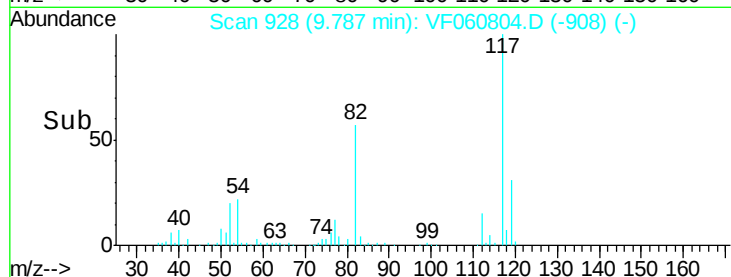
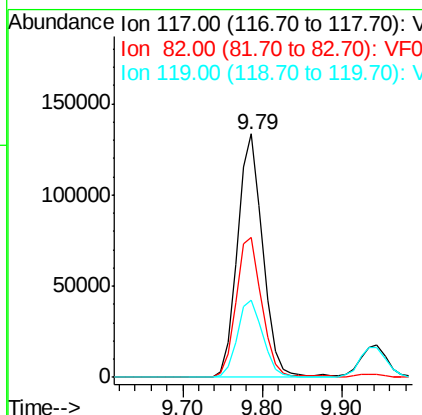
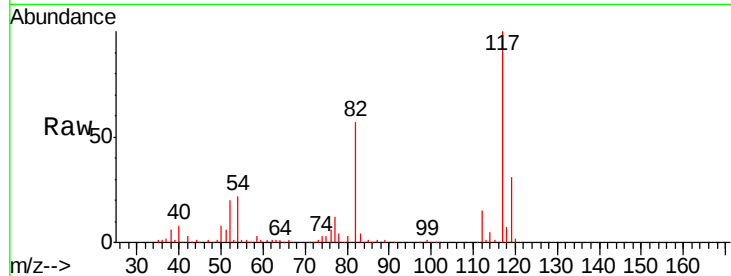
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	294925		
82	57.3	47.9	71.9	
119	31.5	26.8	40.2	

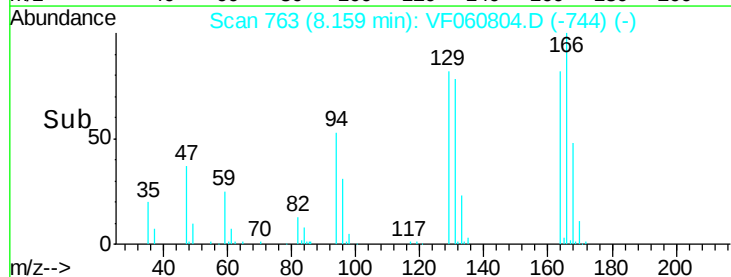
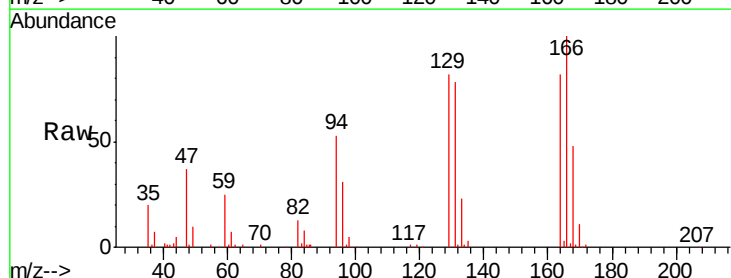
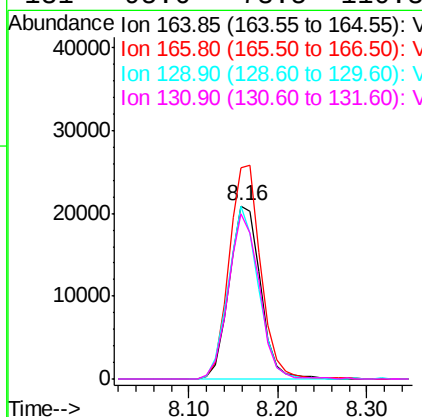
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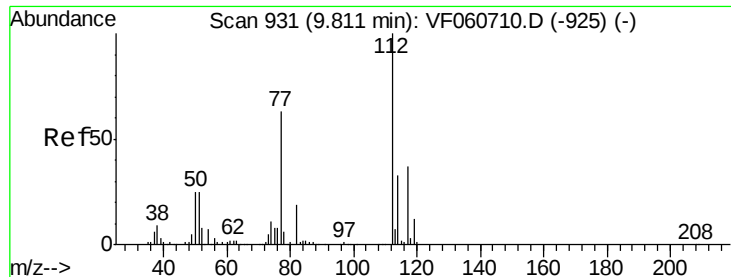
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#64
Tetrachloroethene
Concen: 21.96 ug/l
RT: 8.16 min Scan# 763
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	51279		
166	122.0	103.5	155.3	
129	99.5	77.4	116.2	
131	95.6	73.5	110.3	





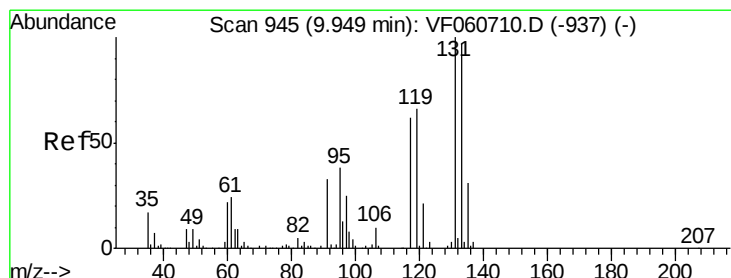
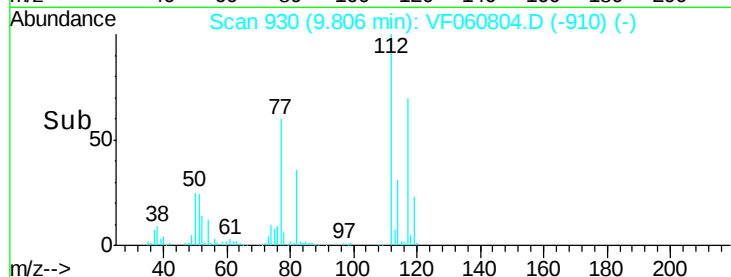
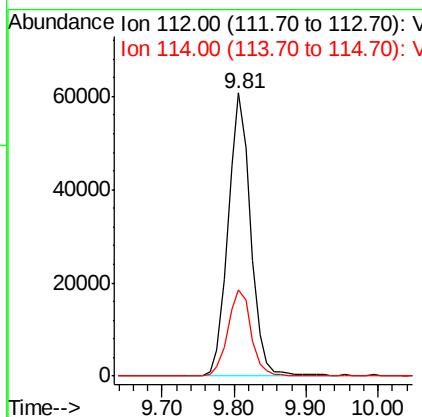
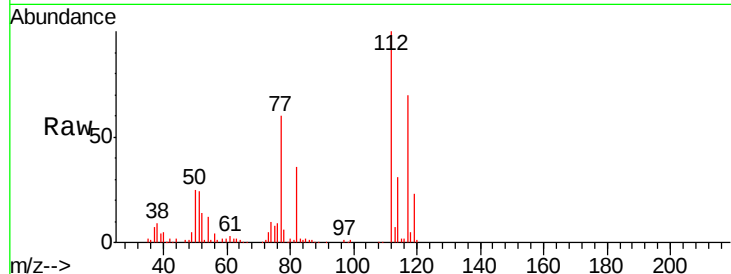
#65
Chlorobenzene
Concen: 22.20 ug/l
RT: 9.81 min Scan# 930
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion:112 Resp: 132124
Ion Ratio Lower Upper
112 100
114 30.6 26.1 39.1

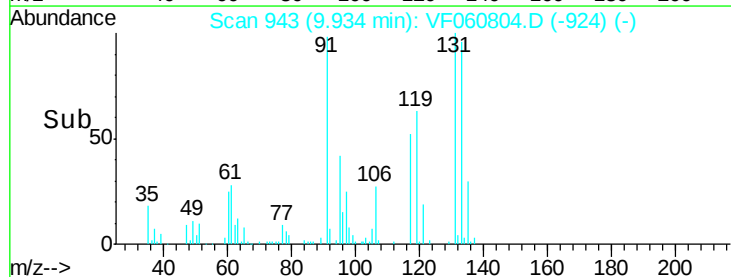
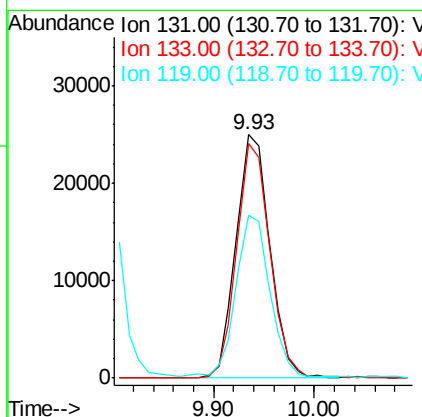
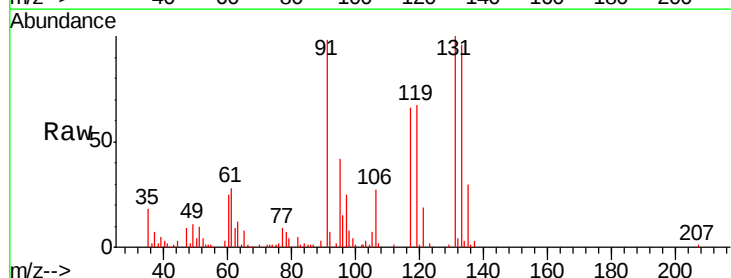
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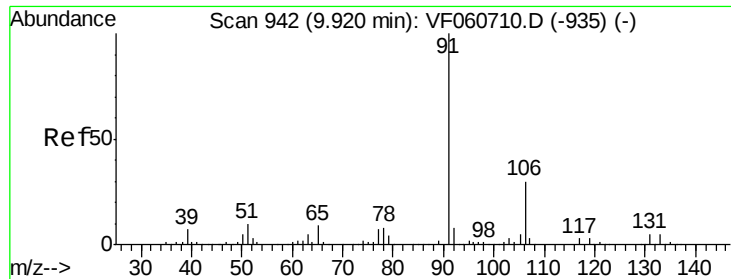
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.56 ug/l
RT: 9.93 min Scan# 943
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion:131 Resp: 58563
Ion Ratio Lower Upper
131 100
133 96.5 48.3 144.8
119 66.8 33.2 99.6





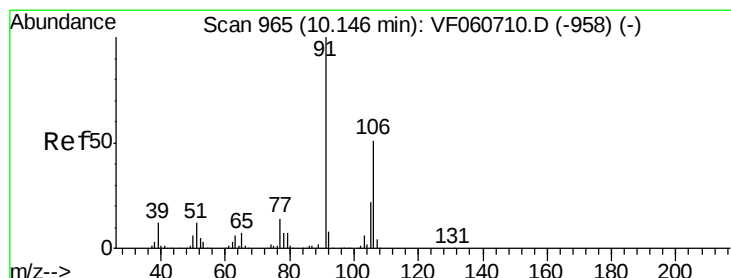
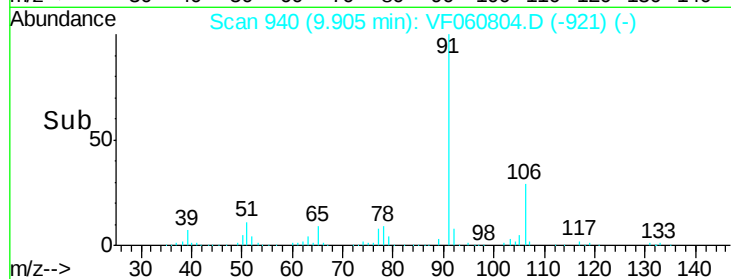
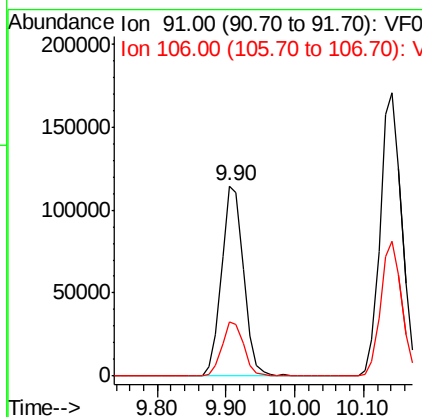
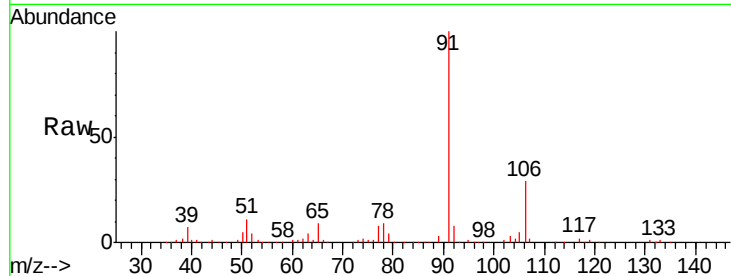
#67
Ethyl Benzene
Concen: 22.82 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion: 91 Resp: 256011
Ion Ratio Lower Upper
91 100
106 28.8 23.9 35.9

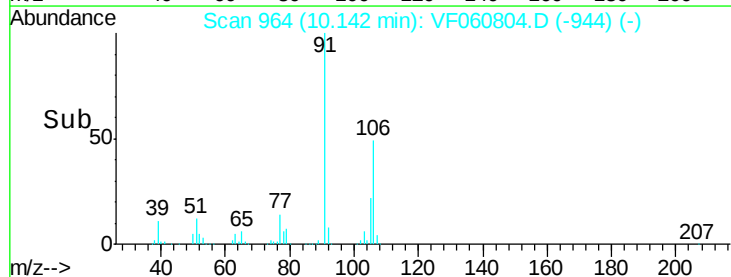
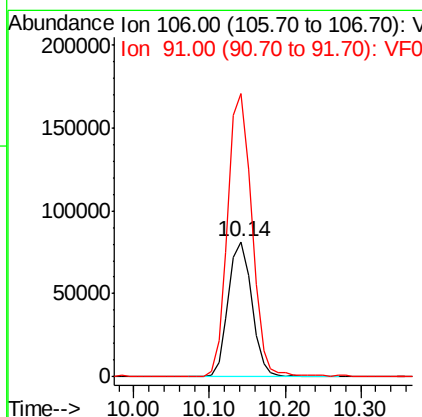
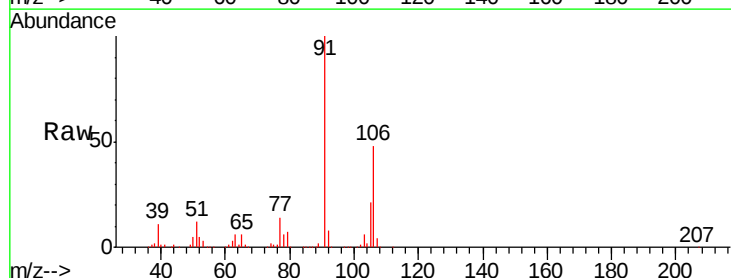
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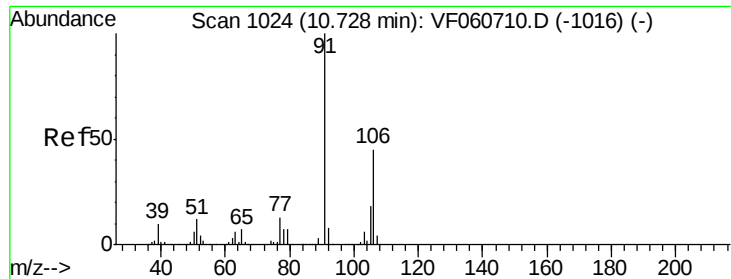
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#68
m/p-Xylenes
Concen: 44.41 ug/l
RT: 10.14 min Scan# 964
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion: 106 Resp: 178047
Ion Ratio Lower Upper
106 100
91 209.1 158.2 237.2





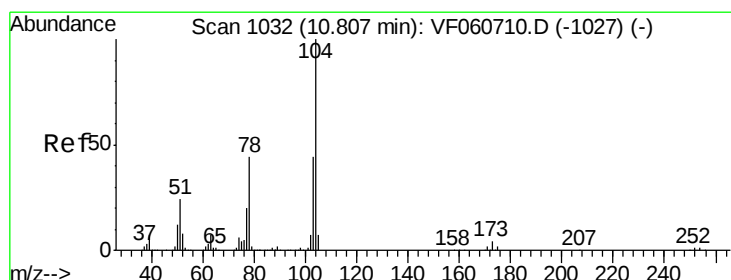
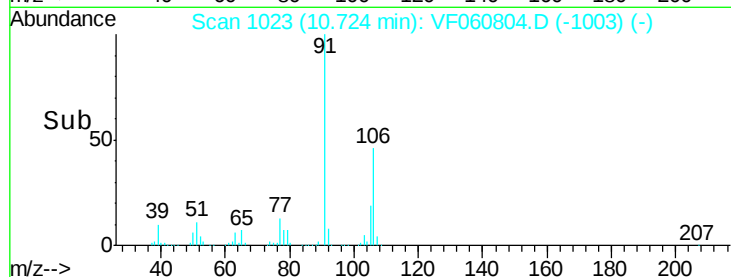
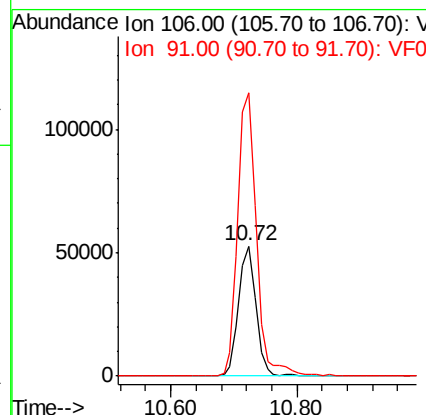
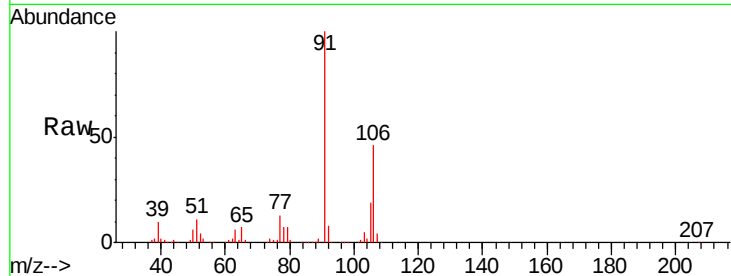
#69
o-Xylene
Concen: 22.42 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion:106 Resp: 101045
Ion Ratio Lower Upper
106 100
91 217.3 110.3 330.9

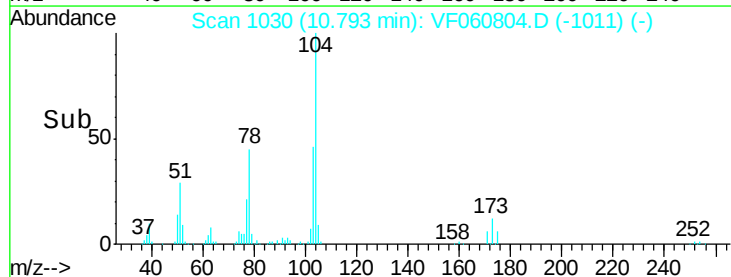
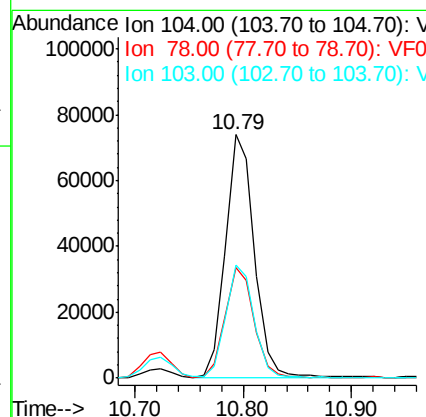
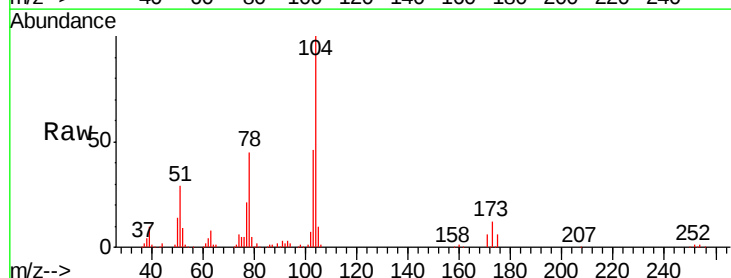
Manual Integrations
APPROVED

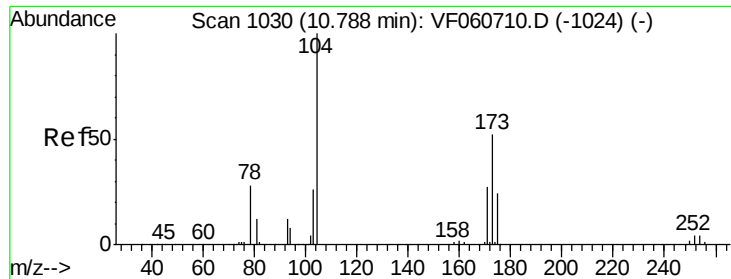
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#70
Styrene
Concen: 22.45 ug/l
RT: 10.79 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion:104 Resp: 137356
Ion Ratio Lower Upper
104 100
78 45.4 35.4 53.2
103 46.3 35.8 53.6





#71

Bromoform

Concen: 23.18 ug/l

RT: 10.78 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

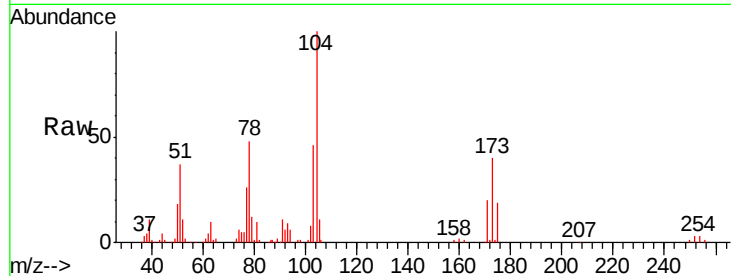
ClientSampleId :

VF1120SBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.4	23.4	70.0
254	7.3	5.8	8.8

Manual Integrations
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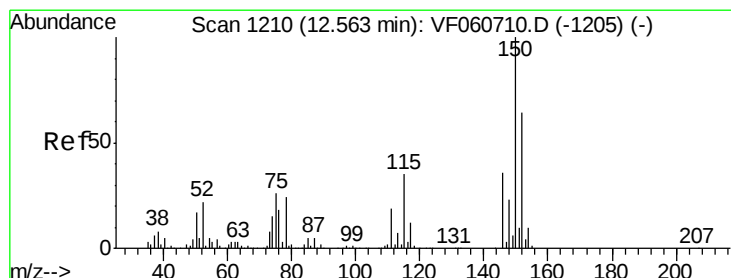
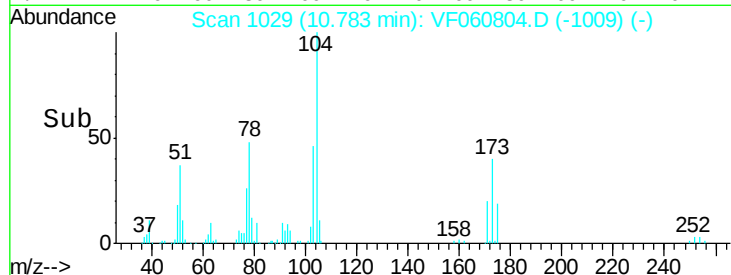
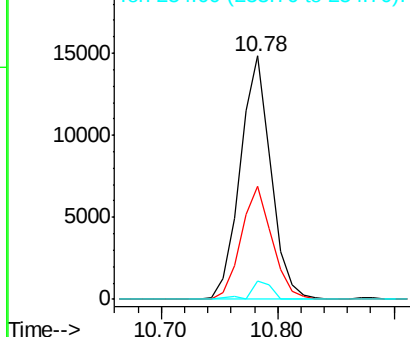


Abundance

Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

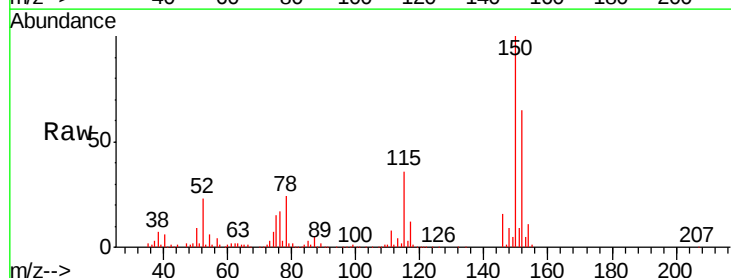
RT: 12.56 min Scan# 1209

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.9	83.7
150	154.6	0.0	316.4

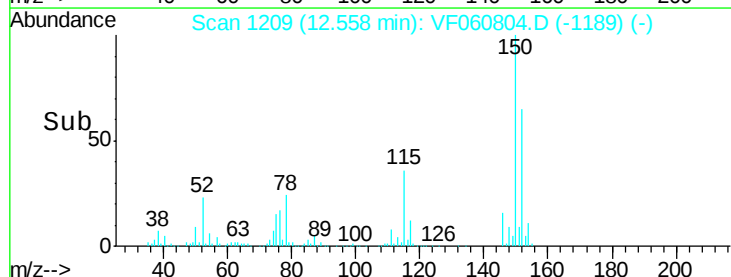
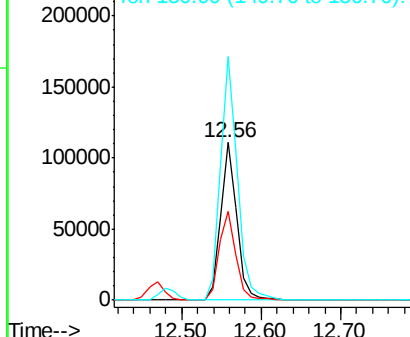


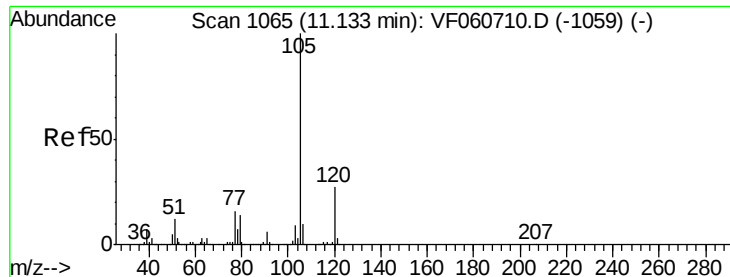
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 22.34 ug/l

RT: 11.13 min Scan# 1064

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

VF1120SBS01

Tgt Ion: 105 Resp: 286844

Ion Ratio Lower Upper

105 100

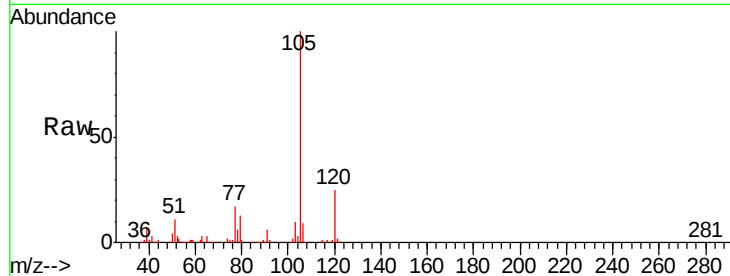
120 25.1 13.4 40.1

Manual Integrations

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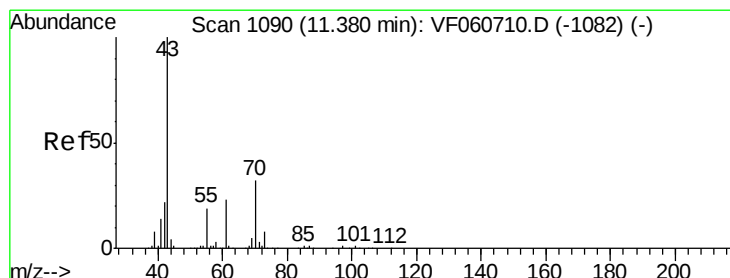
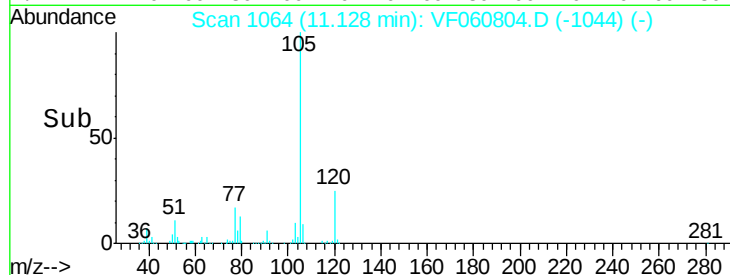
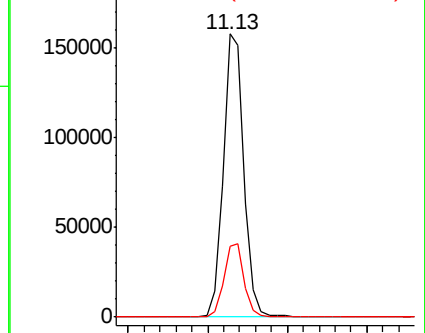
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 25.10 ug/l

RT: 11.37 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion: 43 Resp: 73340

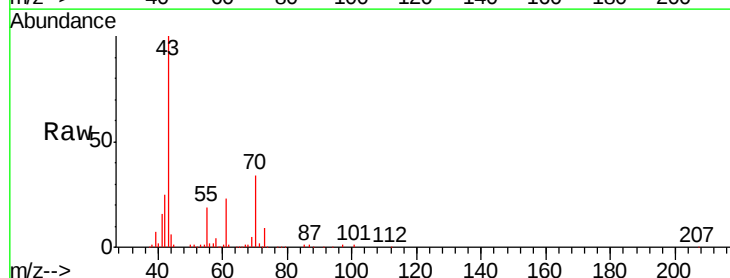
Ion Ratio Lower Upper

43 100

70 34.1 25.5 38.3

55 18.8 14.9 22.3

61 23.2 18.6 27.8

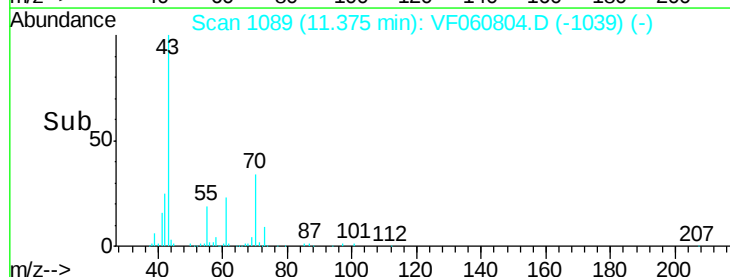
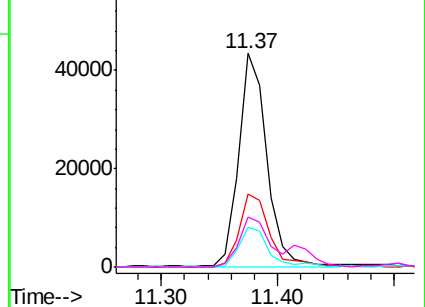


Abundance Ion 43.00 (42.70 to 43.70): VF0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 24.30 ug/l

RT: 11.70 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

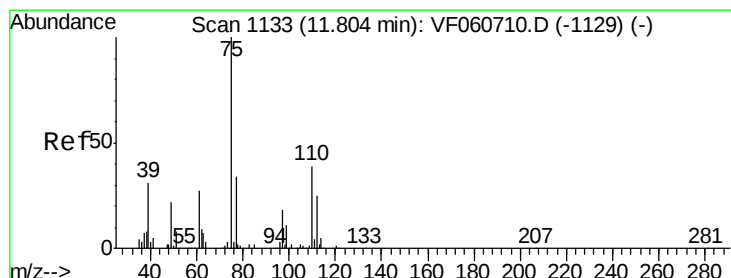
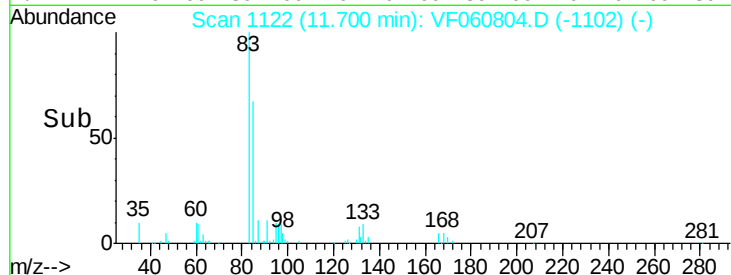
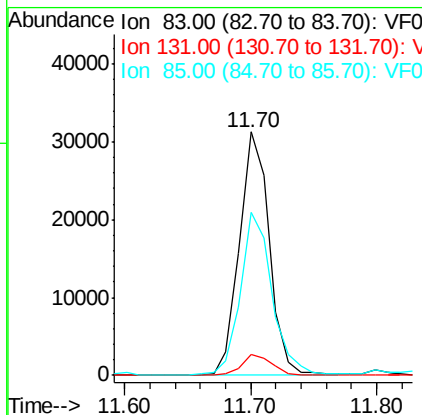
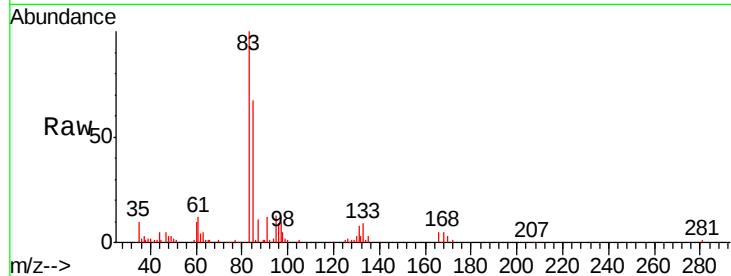
ClientSampleId :

VF1120SBS01

Tgt Ion:	83	Resp:	51565
Ion Ratio	Lower	Upper	
83	100		
131	8.4	4.2	12.4
85	67.1	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 22.72 ug/l

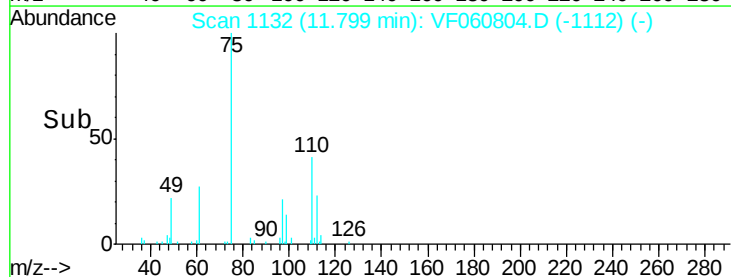
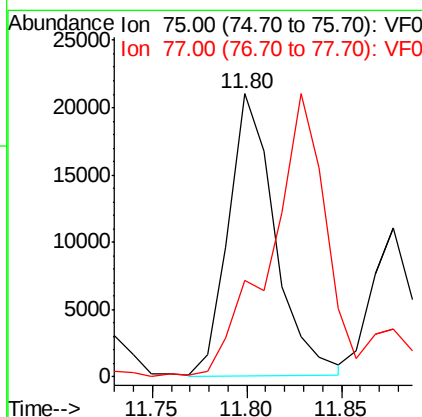
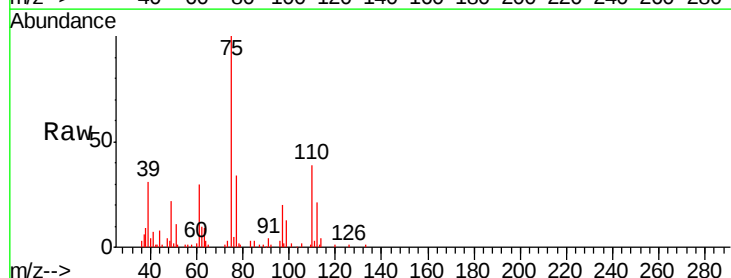
RT: 11.80 min Scan# 1132

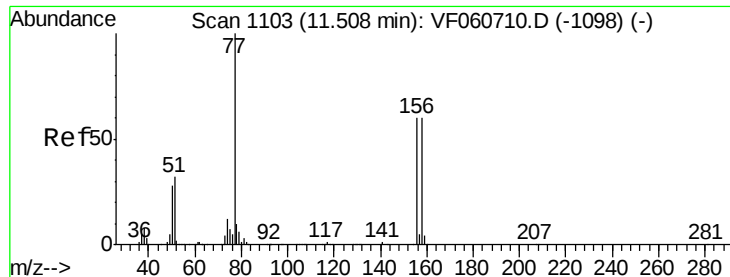
Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion:	75	Resp:	35817
Ion Ratio	Lower	Upper	
75	100		
77	34.2	17.0	51.0





#77

Bromobenzene

Concen: 22.93 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

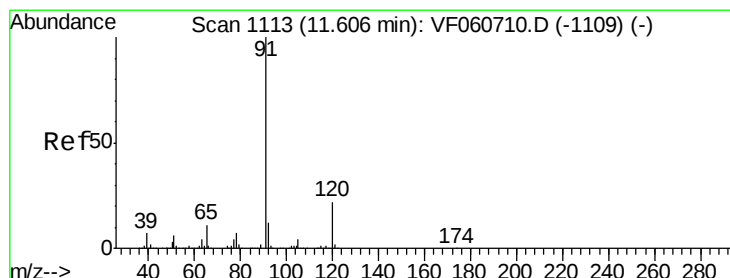
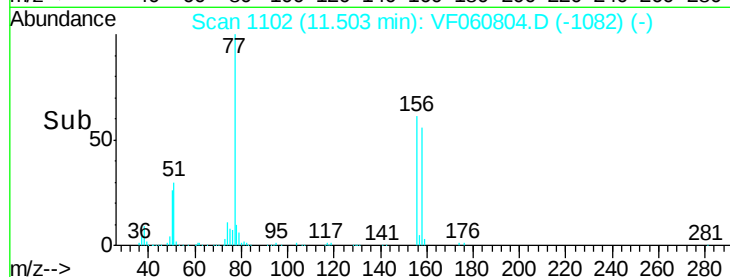
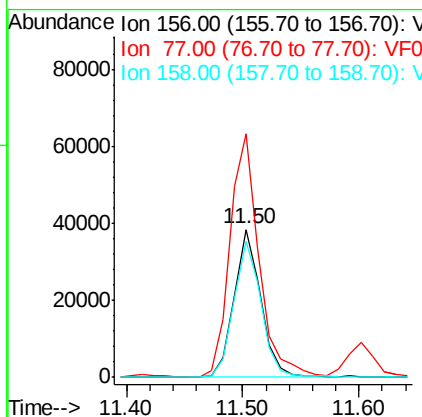
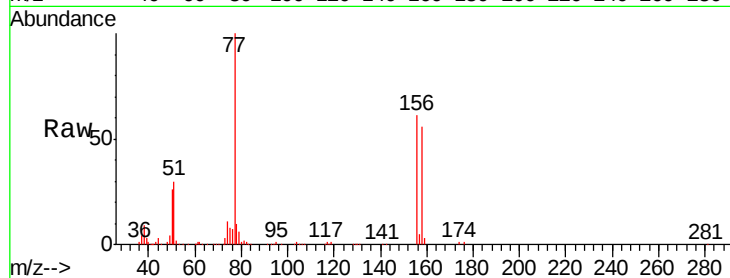
ClientSampleId :

VF1120SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	164.7	83.0	248.9
158	92.2	49.6	149.0

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#78

n-propylbenzene

Concen: 23.03 ug/l

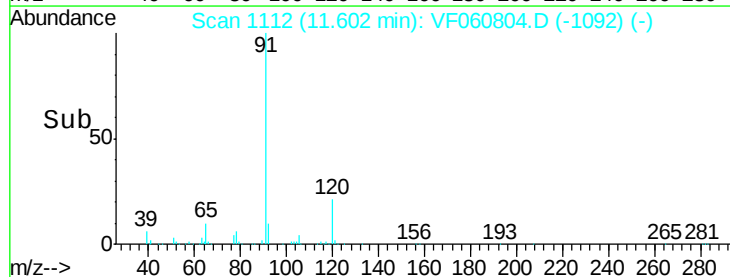
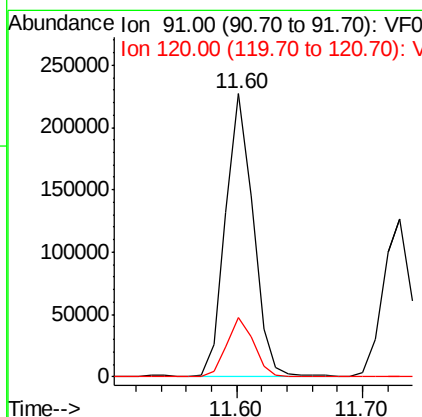
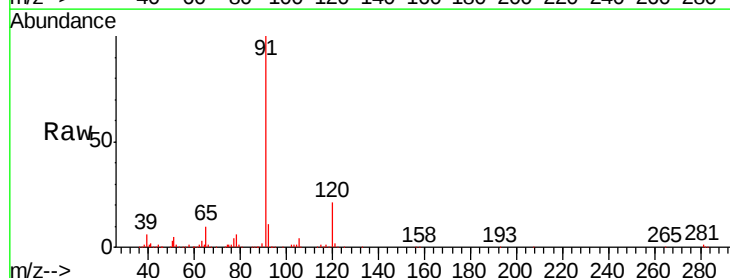
RT: 11.60 min Scan# 1112

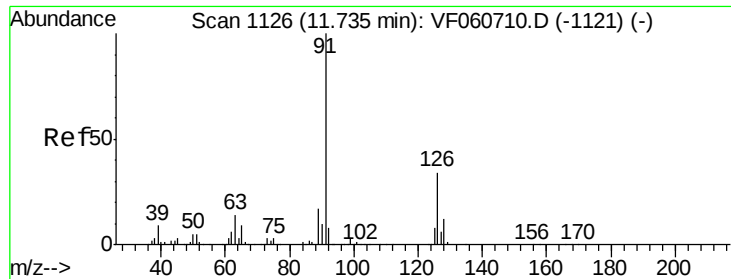
Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.2	11.2	33.5





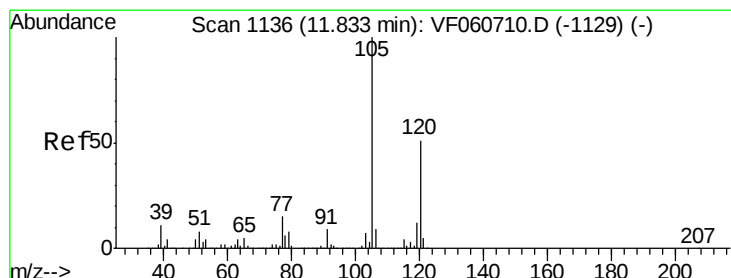
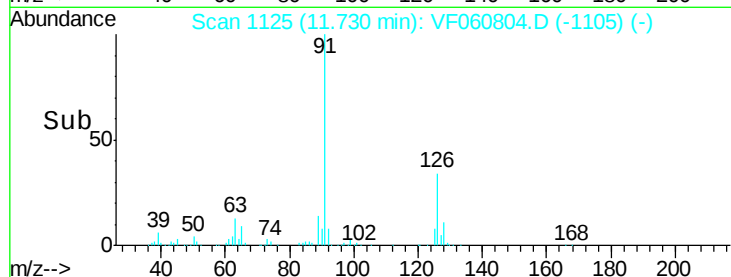
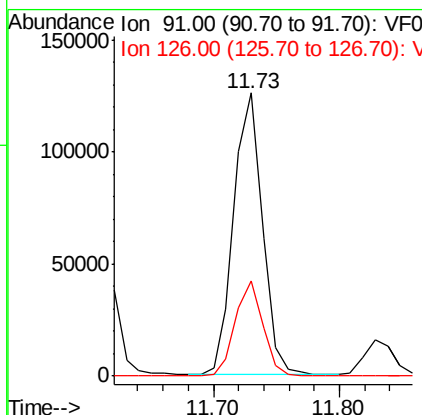
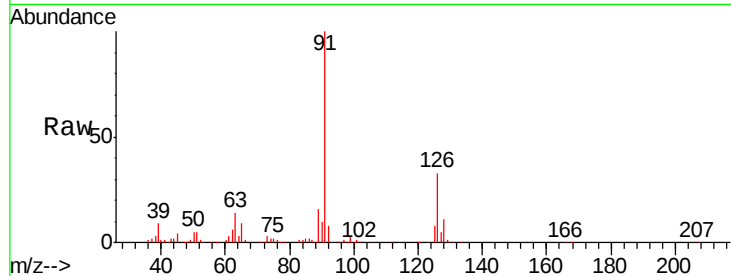
#79
 2-Chlorotoluene
 Concen: 22.77 ug/l
 RT: 11.73 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

Tgt Ion: 91 Resp: 198154
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.8 50.4

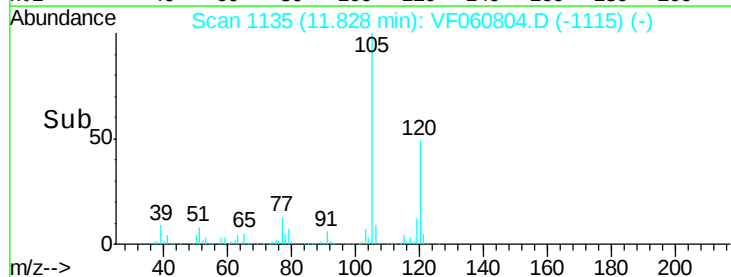
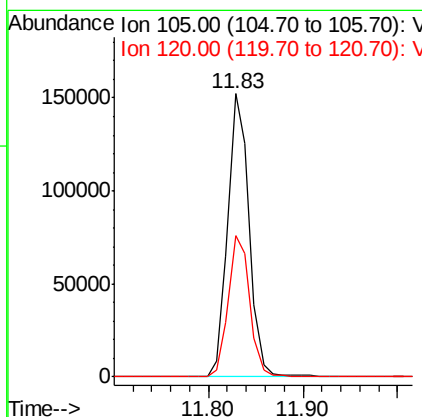
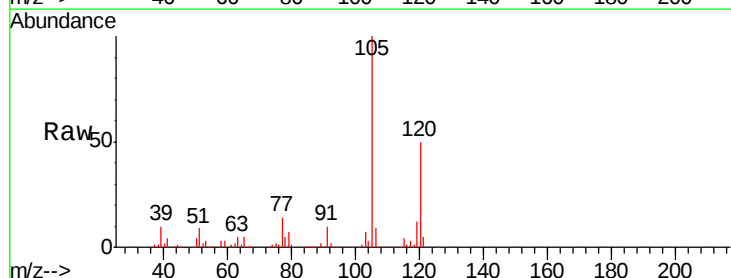
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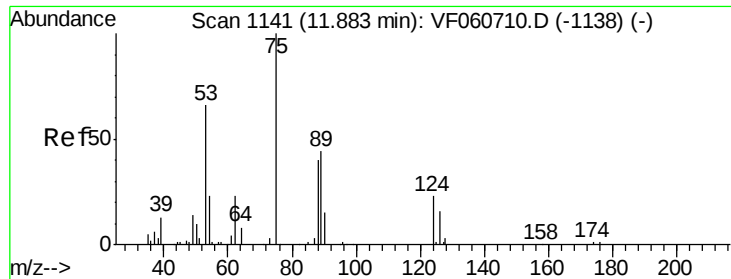
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#80
 1,3,5-Trimethylbenzene
 Concen: 23.42 ug/l
 RT: 11.83 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion: 105 Resp: 238681
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 23.69 ug/l m

RT: 11.88 min Scan# 1140

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

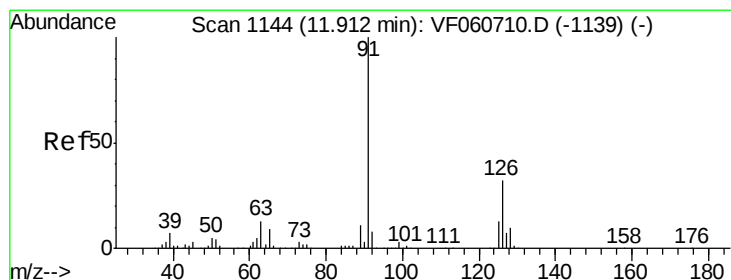
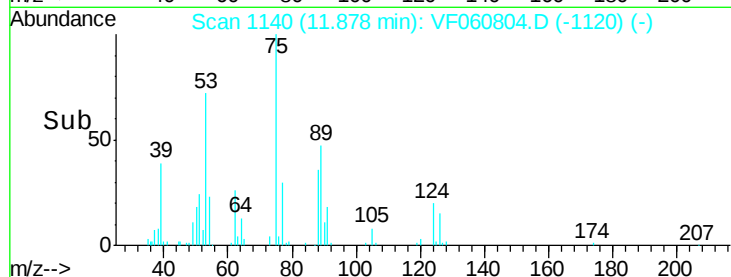
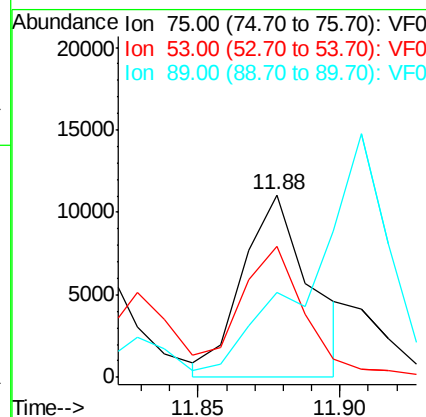
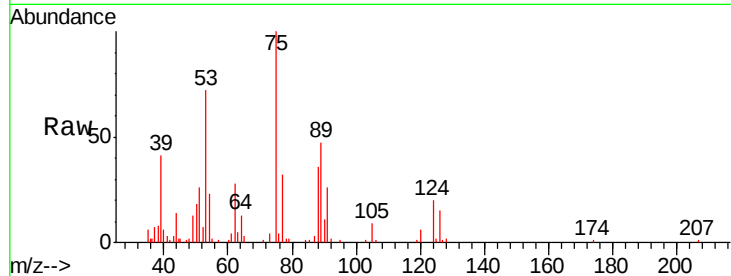
ClientSampleId :

VF1120SBS01

Tgt Ion:	75	Resp:	18343
Ion	Ratio	Lower	Upper
75	100		
53	71.9	57.0	85.4
89	46.8	37.8	56.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.96 ug/l

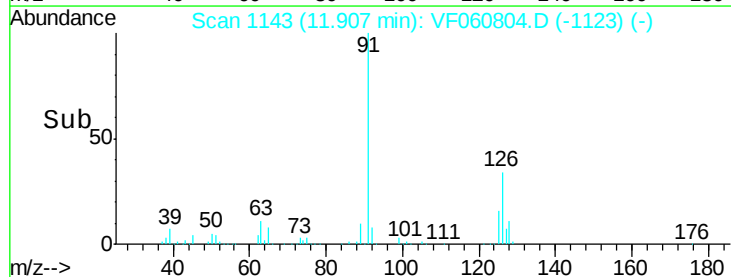
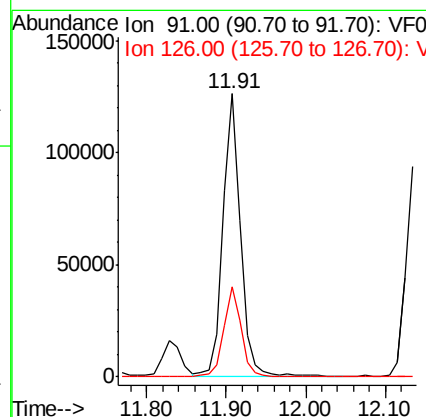
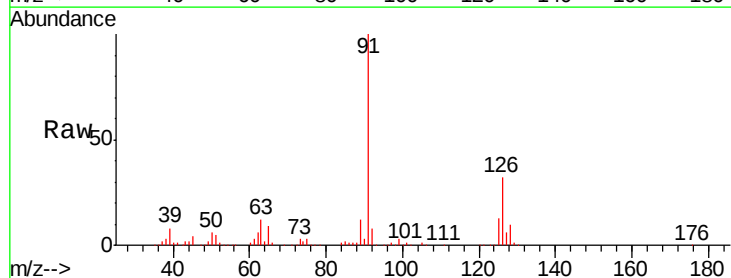
RT: 11.91 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion:	91	Resp:	195761
Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.0	47.9





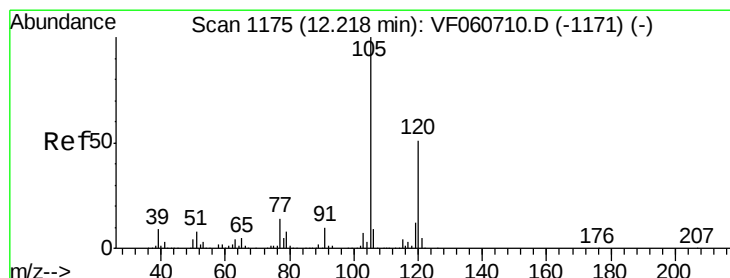
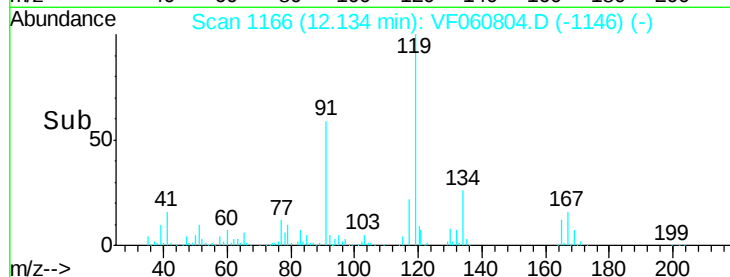
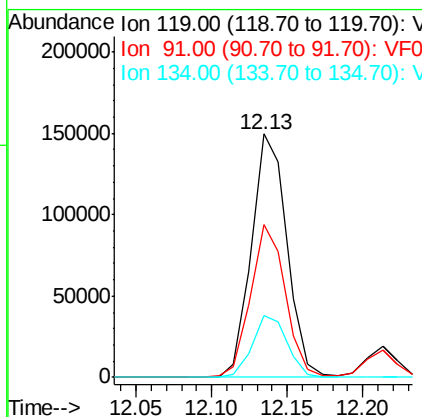
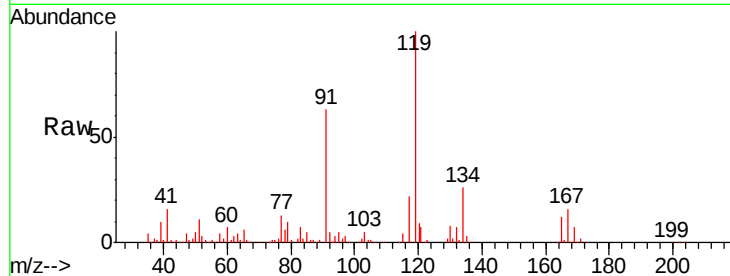
#83
 tert-Butylbenzene
 Concen: 22.70 ug/l
 RT: 12.13 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	245679		
91	62.8	31.4	94.3	
134	25.5	12.8	38.4	

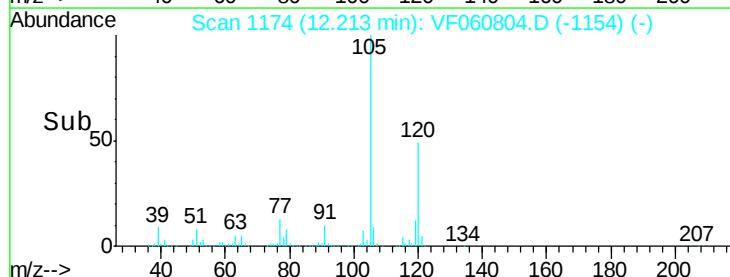
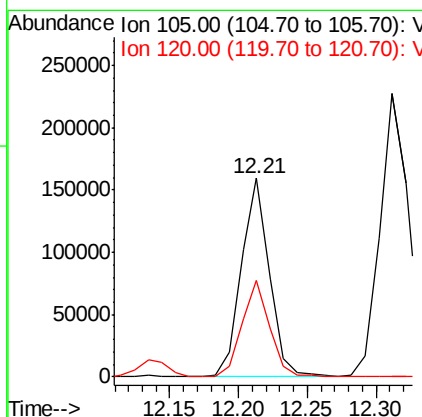
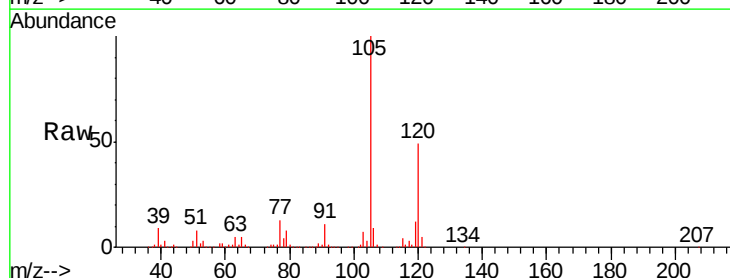
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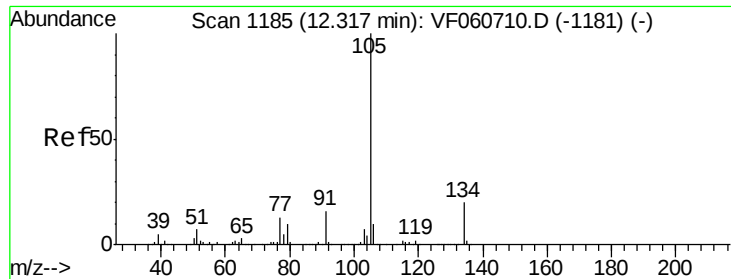
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.52 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	226805		
120	48.6	25.5	76.5	





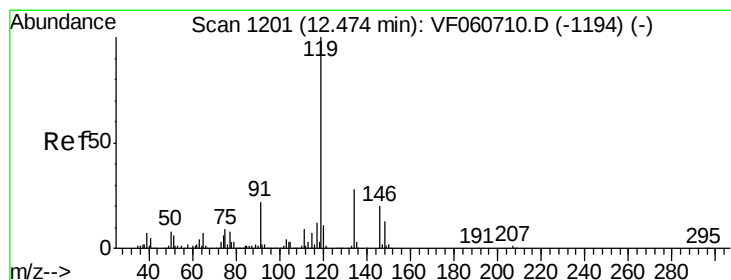
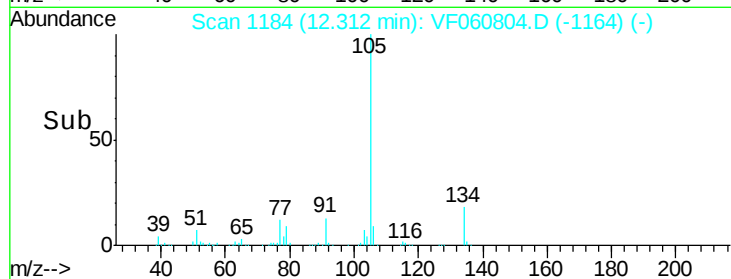
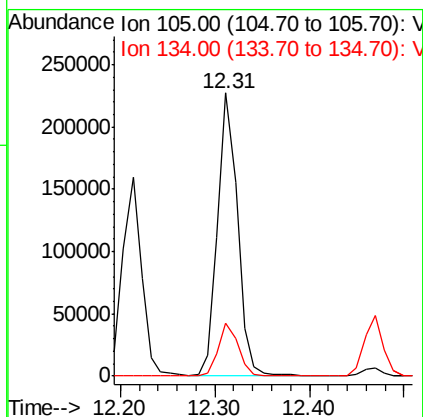
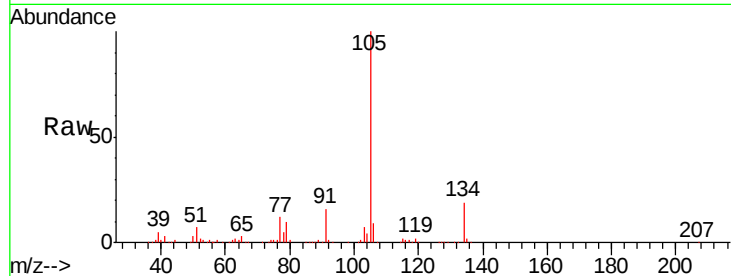
#85
 sec-Butylbenzene
 Concen: 22.64 ug/l
 RT: 12.31 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.6	10.1	30.3

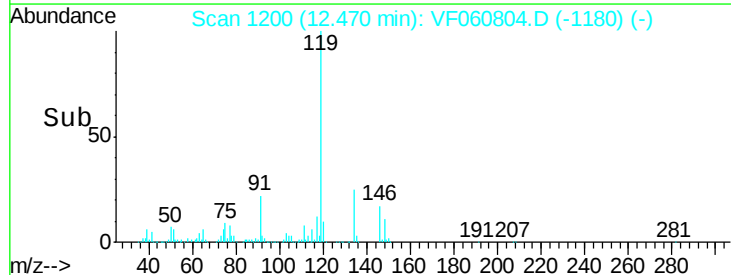
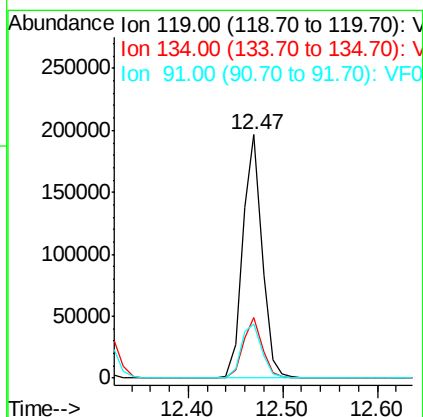
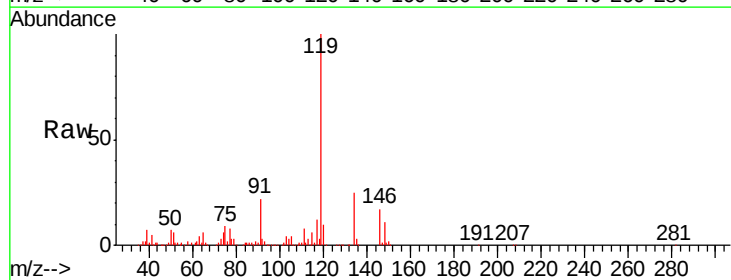
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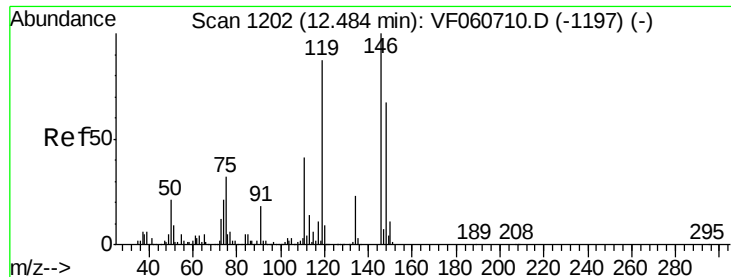
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#86
 p-Isopropyltoluene
 Concen: 22.58 ug/l
 RT: 12.47 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.7	13.9	41.7
91	22.4	11.3	33.9





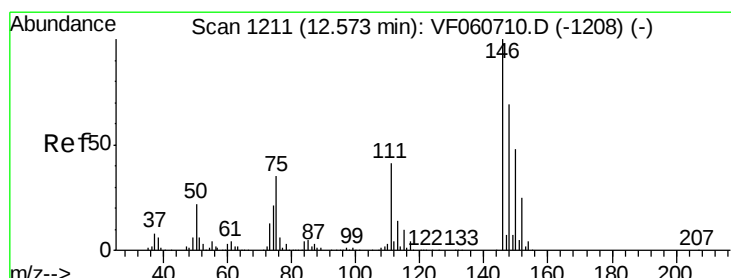
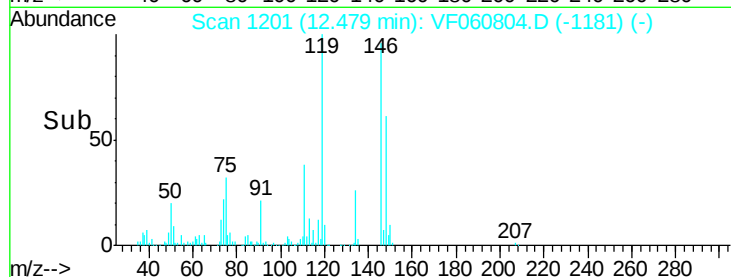
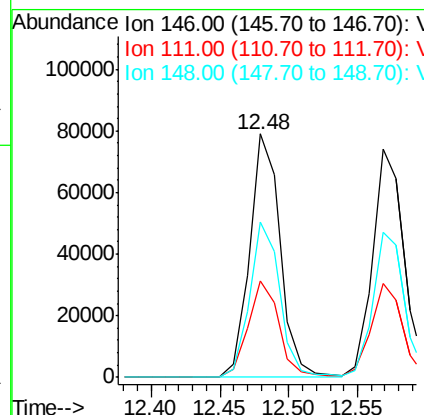
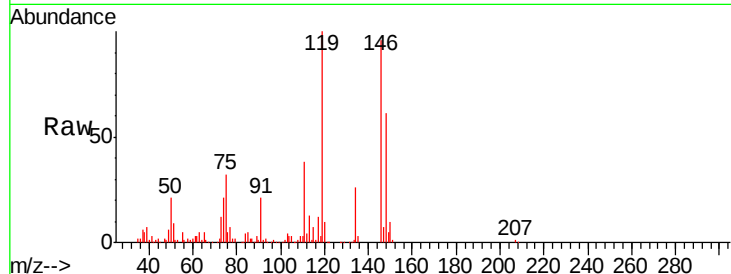
#87
 1,3-Dichlorobenzene
 Concen: 23.13 ug/l
 RT: 12.48 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.8
148	63.6	33.3	99.9

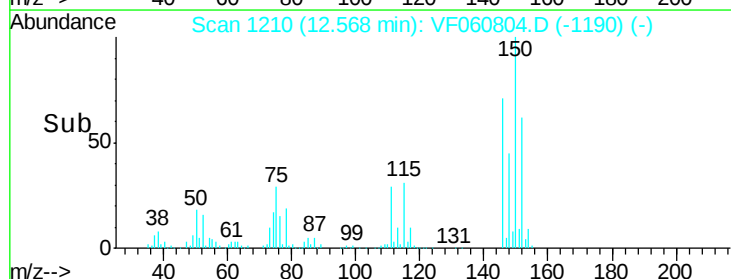
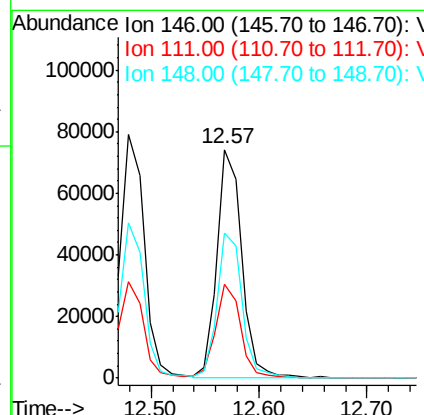
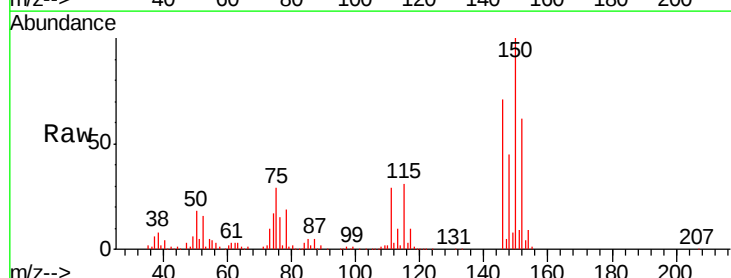
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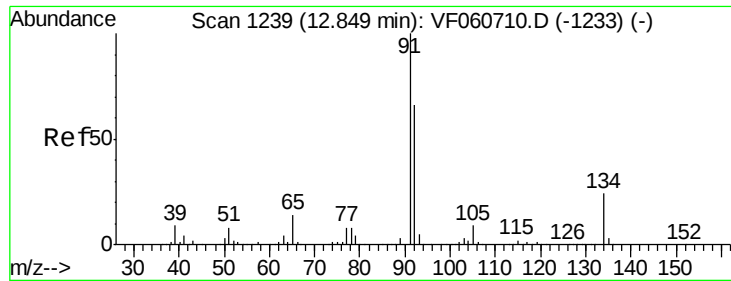
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#88
 1,4-Dichlorobenzene
 Concen: 23.19 ug/l
 RT: 12.57 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.9
148	63.2	34.7	104.1





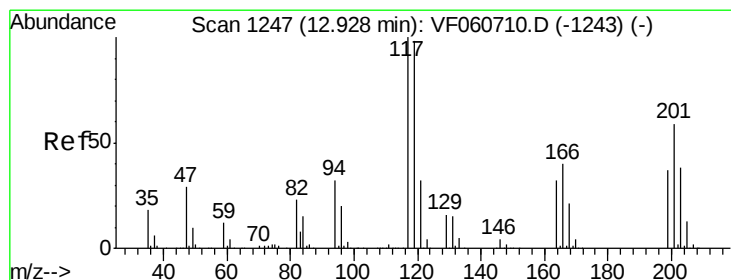
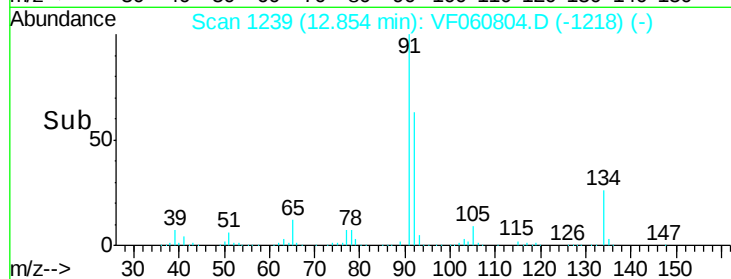
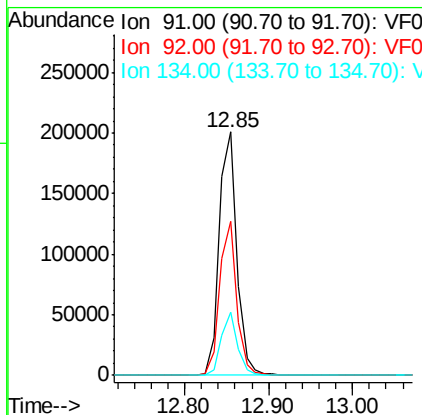
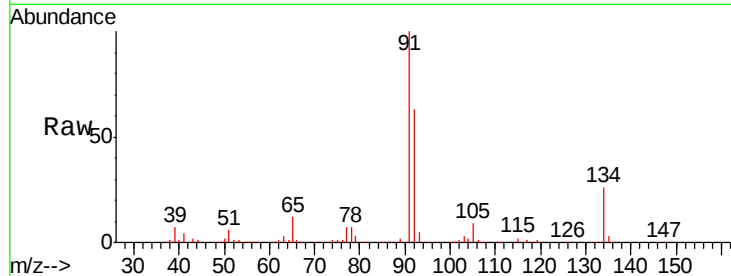
#89
n-Butylbenzene
Concen: 23.27 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	63.4	33.1	99.2
134	26.0	11.9	35.9

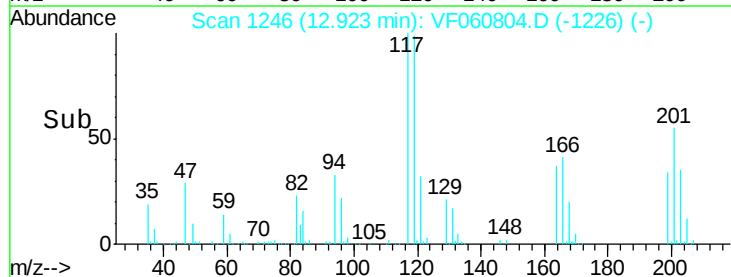
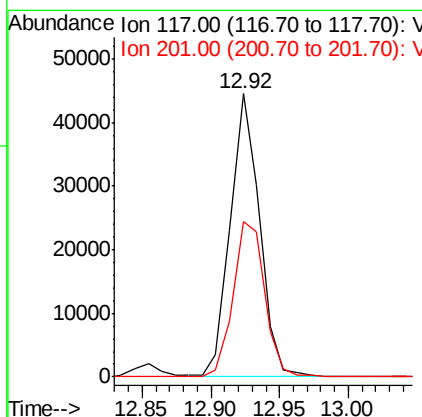
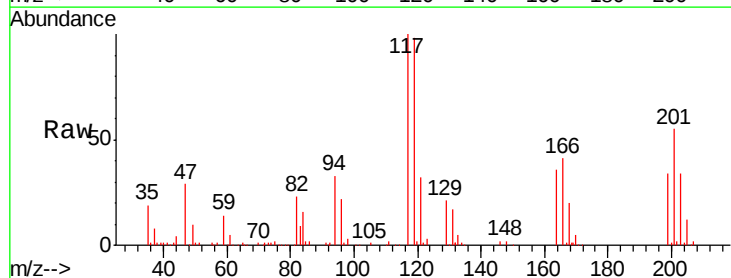
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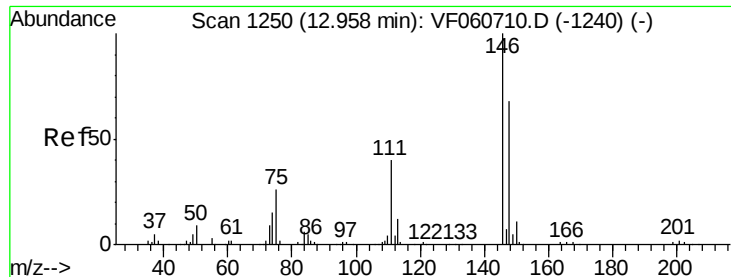
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#90
Hexachloroethane
Concen: 21.99 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	55.0	29.4	88.3





#91

1,2-Dichlorobenzene

Concen: 22.93 ug/l

RT: 12.95 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Instrument :

MSVOA_F

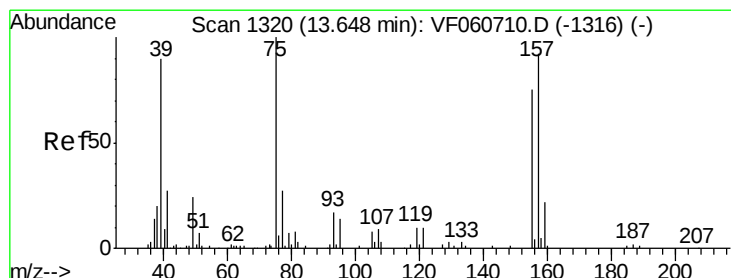
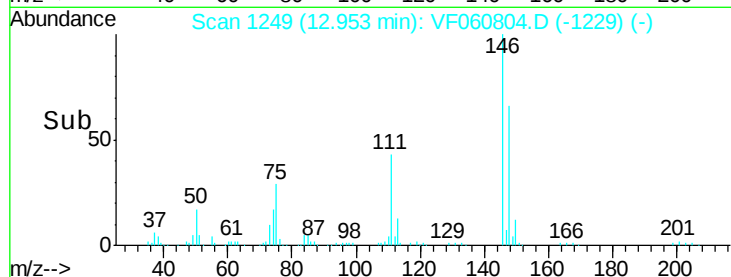
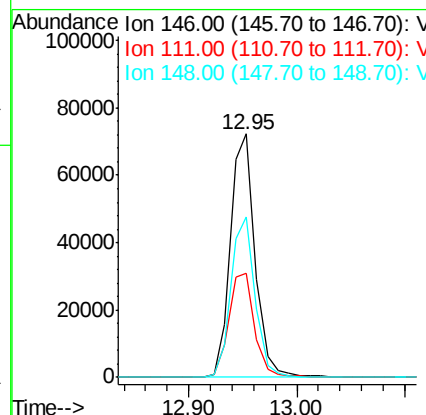
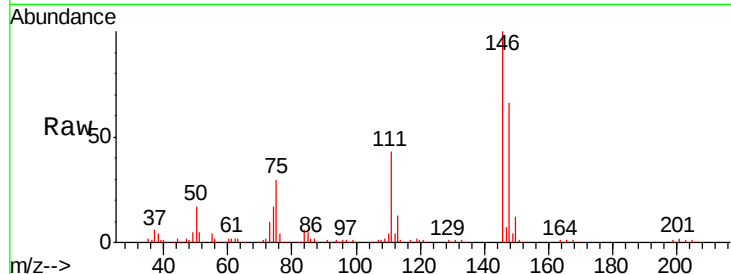
ClientSampleId :

VF1120SBS01

Tgt Ion:	146	Resp:	114802
Ion Ratio	Lower	Upper	
146	100		
111	42.7	20.3	60.8
148	66.1	34.1	102.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 23.22 ug/l

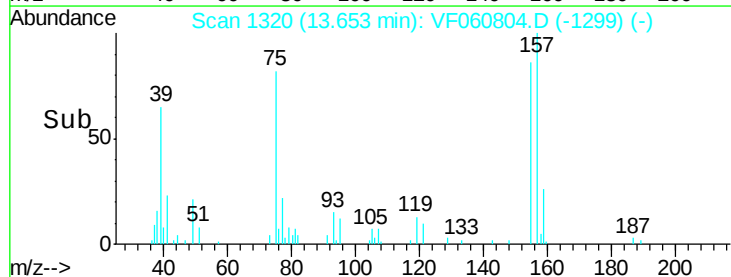
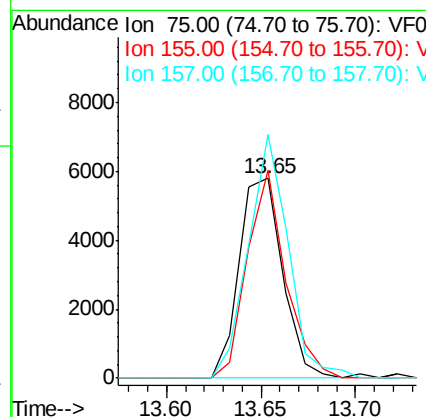
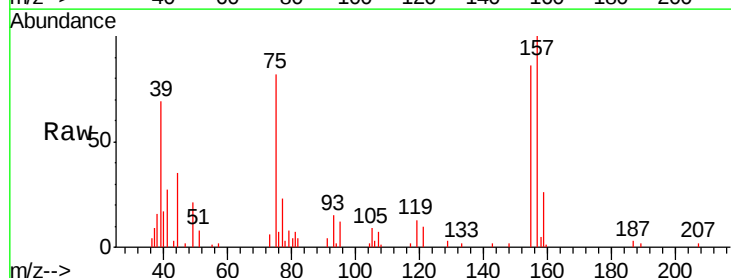
RT: 13.65 min Scan# 1320

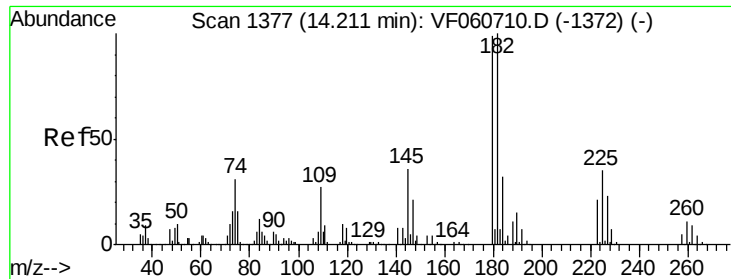
Delta R.T. 0.00 min

Lab File: VF060804.D

Acq: 20 Nov 2018 14:51

Tgt Ion:	75	Resp:	9264
Ion Ratio	Lower	Upper	
75	100		
155	104.2	37.4	112.2
157	121.8	46.0	138.0





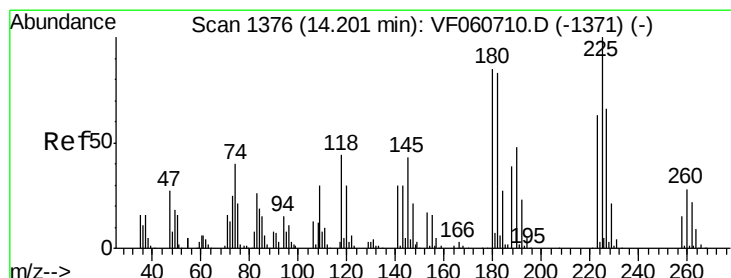
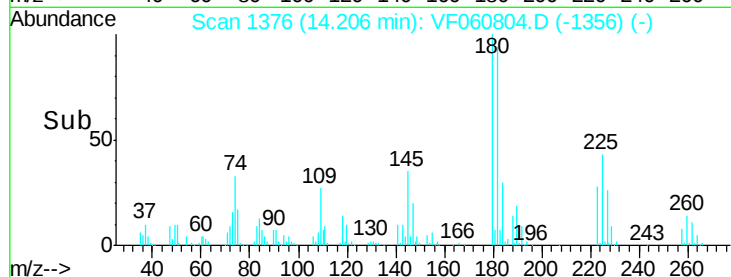
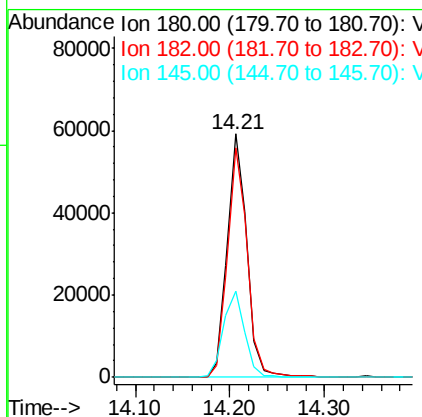
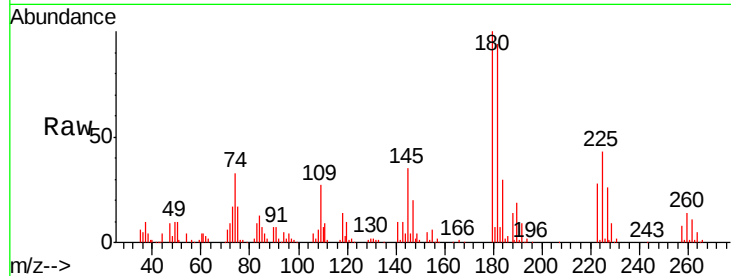
#93
 1,2,4-Trichlorobenzene
 Concen: 23.74 ug/l
 RT: 14.21 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	85446		
182	94.5	50.3	151.0	
145	35.5	18.3	54.9	

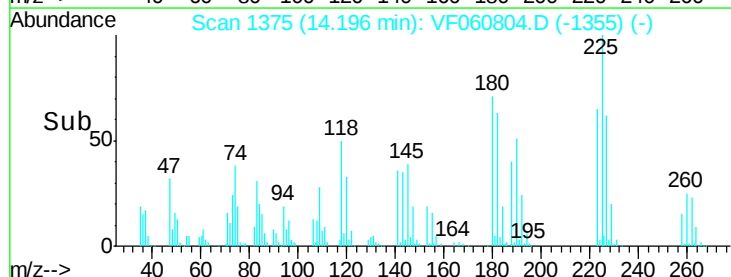
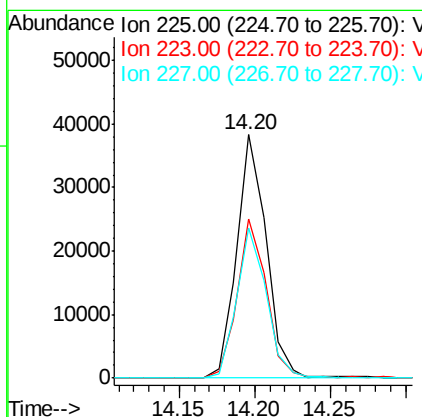
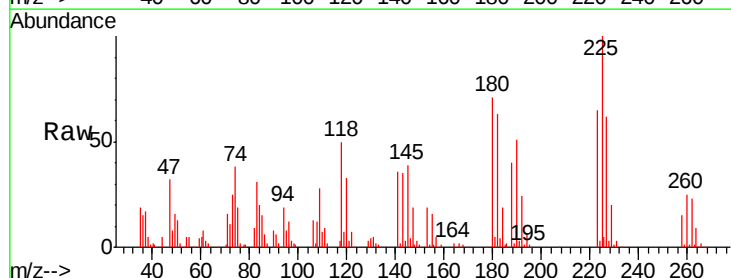
Manual Integrations
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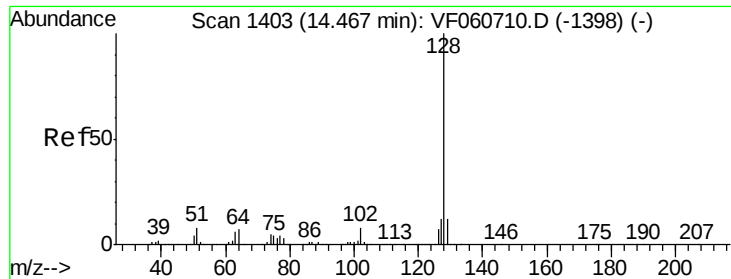
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#94
 Hexachlorobutadiene
 Concen: 22.04 ug/l
 RT: 14.20 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: VF060804.D
 Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51834		
223	65.1	31.5	94.5	
227	61.6	33.0	99.0	





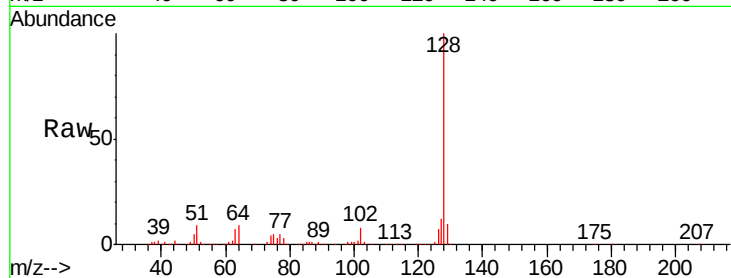
#95
Naphthalene
Concen: 22.80 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.6	9.8	14.6
129	10.3	9.3	13.9

Manual Integrations
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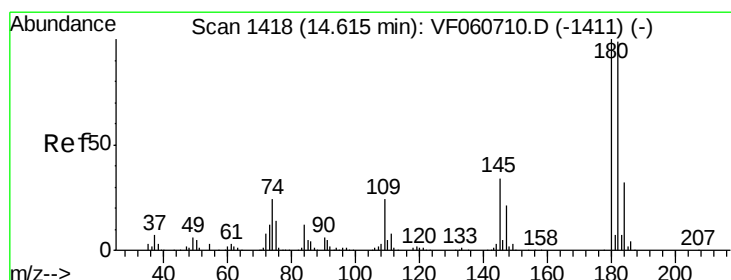
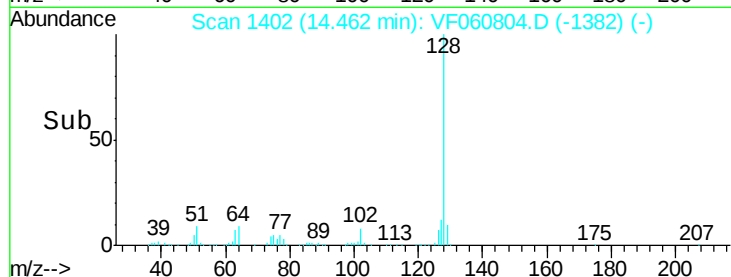
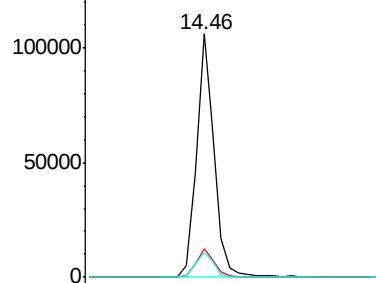
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Abundance Ion 128.00 (127.70 to 128.70): V

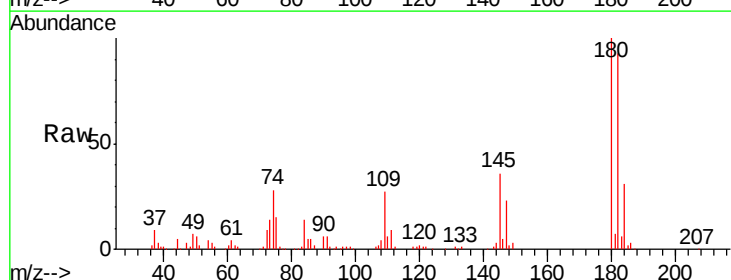
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 24.13 ug/l
RT: 14.61 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VF060804.D
Acq: 20 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	49.6	149.0
145	35.7	16.9	50.7



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

