

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112718\
 Data File : VF060837.D
 Acq On : 27 Nov 2018 14:32
 Operator : VA/AP
 Sample : VF1127SBS01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

Quant Time: Nov 28 03:08:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	210516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.63	114	356045	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.80	117	334485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	173940	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.87	65	123016	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	4.14	113	139556	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	7.58	98	408870	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.43	95	184217	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.97	85	74591	23.697	ug/l	93
3) Chloromethane	1.12	50	52684	25.722	ug/l	97
4) Vinyl Chloride	1.15	62	47980	25.113	ug/l	96
5) Bromomethane	1.35	94	31600	23.456	ug/l	86
6) Chloroethane	1.41	64	20320	24.605	ug/l	97
7) Trichlorofluoromethane	1.50	101	88020	21.472	ug/l	98
8) Diethyl Ether	1.65	74	13419	22.765	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.84	101	47700	23.017	ug/l	90
10) Methyl Iodide	1.92	142	58598	18.603	ug/l	97
11) Tert butyl alcohol	2.59	59	10218	100.512	ug/l	99
12) 1,1-Dichloroethene	1.81	96	37959	22.772	ug/l	95
13) Acrolein	2.02	56	10733	111.432	ug/l	95
14) Allyl chloride	2.11	41	45628	21.962	ug/l	97
15) Acrylonitrile	2.97	53	24632	108.077	ug/l	92
16) Acetone	2.26	43	53377	116.718	ug/l	100
17) Carbon Disulfide	1.84	76	79850	17.866	ug/l	95
18) Methyl Acetate	2.37	43	19170	24.132	ug/l	98
19) Methyl tert-butyl Ether	2.44	73	80752	21.509	ug/l	100
20) Methylene Chloride	2.28	84	24782	14.771	ug/l	95
21) trans-1,2-Dichloroethene	2.33	96	32011	19.920	ug/l	98
22) Diisopropyl ether	2.82	45	124273	21.975	ug/l	96
23) Vinyl Acetate	3.21	43	306000	118.372	ug/l	97
24) 1,1-Dichloroethane	2.89	63	72394	21.516	ug/l	98
25) 2-Butanone	4.37	43	92062	116.387	ug/l	92
26) 2,2-Dichloropropane	3.63	77	44966	20.614	ug/l	97
27) cis-1,2-Dichloroethene	3.50	96	60333	23.061	ug/l	97
28) Bromochloromethane	3.75	49	39581	24.512	ug/l	97
29) Tetrahydrofuran	4.10	42	38915	116.063	ug/l	94
30) Chloroform	3.88	83	107672	20.793	ug/l	96
31) Cyclohexane	3.72	56	46246	13.244	ug/l	96
32) 1,1,1-Trichloroethane	4.12	97	62244	17.332	ug/l	94
36) 1,1-Dichloropropene	4.32	75	86759	21.969	ug/l	97
37) Ethyl Acetate	4.13	43	33869	21.104	ug/l #	99
38) Carbon Tetrachloride	4.02	117	65215	18.697	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.48	83	87761	21.205	ug/l	92
40) Benzene	4.66	78	196106	22.478	ug/l	93
41) Methacrylonitrile	4.78	41	18985	20.565	ug/l #	88
42) 1,2-Dichloroethane	4.97	62	63369	19.895	ug/l	99
43) Isopropyl Acetate	6.99	43	42305	19.718	ug/l #	95
44) Trichloroethene	5.53	130	62766	22.003	ug/l	99
45) 1,2-Dichloropropane	6.27	63	49400	21.802	ug/l	99
46) Dibromomethane	6.11	93	31488	20.486	ug/l	90
47) Bromodichloromethane	6.42	83	82530	20.216	ug/l	98
48) Methyl methacrylate	6.74	41	28257	19.452	ug/l	97
49) 1,4-Dioxane	6.73	88	4253	400.039	ug/l #	82
51) 4-Methyl-2-Pentanone	8.28	43	150170	101.473	ug/l	96
52) Toluene	7.65	92	123423	20.140	ug/l	98
53) t-1,3-Dichloropropene	8.30	75	66791	20.113	ug/l	94
54) cis-1,3-Dichloropropene	7.33	75	87964	21.397	ug/l	97
55) 1,1,2-Trichloroethane	8.52	97	34583	19.367	ug/l	96
56) Ethyl methacrylate	8.65	69	38736	19.528	ug/l	97
57) 1,3-Dichloropropane	8.89	76	62308	19.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.32	63	17932	88.379	ug/l #	79
59) 2-Hexanone	9.52	43	110964	106.877	ug/l	98
60) Dibromochloromethane	8.75	129	52852	19.865	ug/l	97
61) 1,2-Dibromoethane	9.01	107	39765	20.614	ug/l	95
64) Tetrachloroethene	8.19	164	51928	20.326	ug/l	95
65) Chlorobenzene	9.82	112	138747	21.323	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.96	131	57269	20.472	ug/l	90
67) Ethyl Benzene	9.93	91	263357	21.740	ug/l	97
68) m/p-Xylenes	10.16	106	189566	43.509	ug/l	96
69) o-Xylene	10.74	106	103495	21.541	ug/l	91
70) Styrene	10.82	104	139610	20.962	ug/l	99
71) Bromoform	10.80	173	26724	19.778	ug/l	90
73) Isopropylbenzene	11.14	105	302299	21.992	ug/l	99
74) N-amyl acetate	11.39	43	68509	21.584	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.72	83	47599	21.041	ug/l	93
76) 1,2,3-Trichloropropane	11.82	75	35215	21.416	ug/l	85
77) Bromobenzene	11.52	156	62147	20.622	ug/l	92
78) n-propylbenzene	11.62	91	354331	22.012	ug/l	98
79) 2-Chlorotoluene	11.74	91	201898	21.874	ug/l	92
80) 1,3,5-Trimethylbenzene	11.84	105	244710	21.929	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.89	75	21255	26.382	ug/l	94
82) 4-Chlorotoluene	11.92	91	210210	21.641	ug/l	97
83) tert-Butylbenzene	12.15	119	256529	22.568	ug/l	99
84) 1,2,4-Trimethylbenzene	12.23	105	241263	21.663	ug/l	99
85) sec-Butylbenzene	12.33	105	344934	22.167	ug/l	100
86) p-Isopropyltoluene	12.48	119	281601	21.585	ug/l	95
87) 1,3-Dichlorobenzene	12.50	146	119829	20.904	ug/l	97
88) 1,4-Dichlorobenzene	12.58	146	117708	21.071	ug/l	98
89) n-Butylbenzene	12.86	91	288781	21.891	ug/l	96
90) Hexachloroethane	12.94	117	66682	21.226	ug/l	89
91) 1,2-Dichlorobenzene	12.96	146	116740	21.505	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.67	75	9678	22.127	ug/l	90

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Response via : Initial Calibration

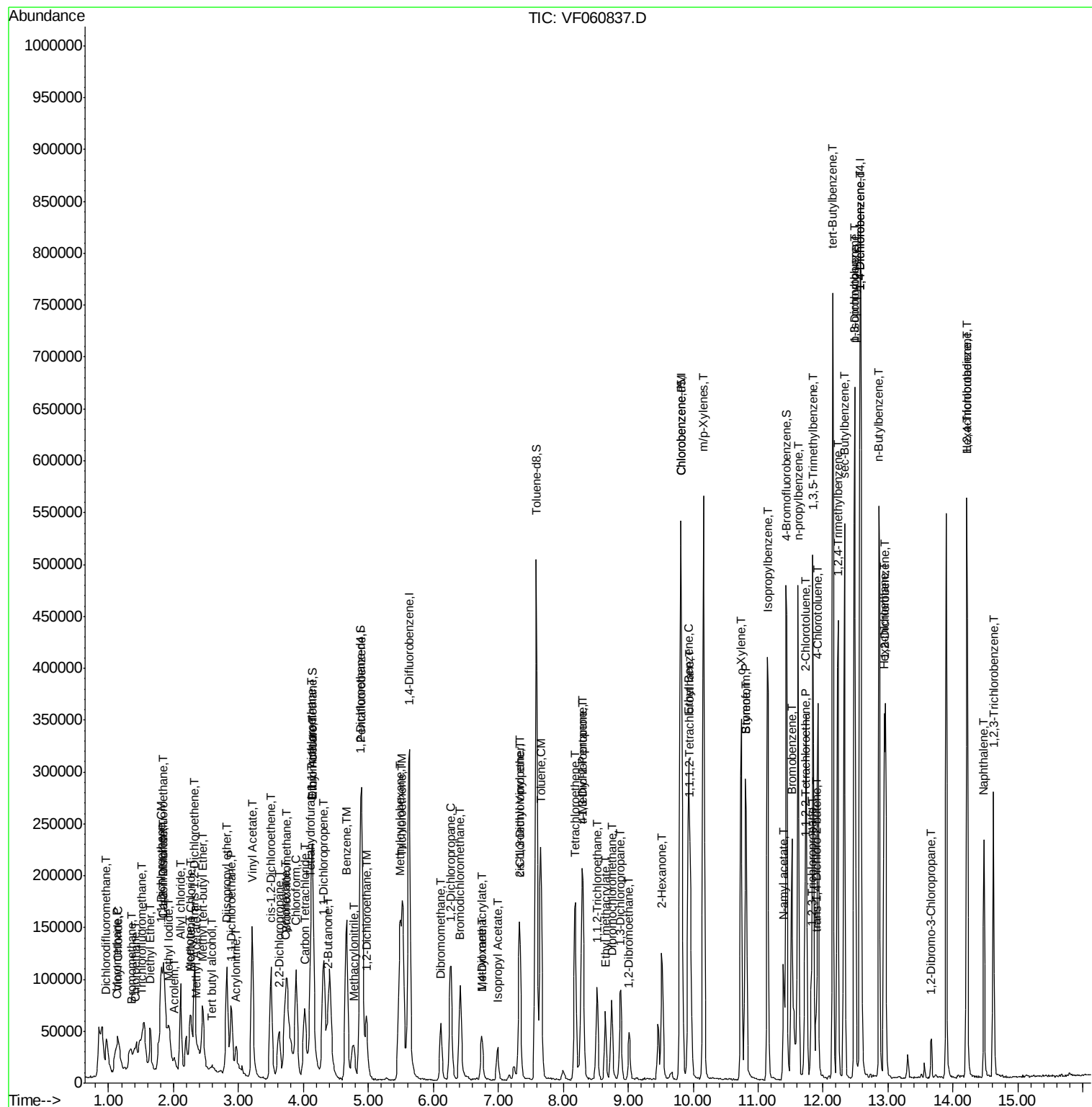
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.22	180	82097	21.645	ug/l	98
94) Hexachlorobutadiene	14.21	225	51635	20.421	ug/l	97
95) Naphthalene	14.48	128	156230	19.056	ug/l	99
96) 1,2,3-Trichlorobenzene	14.63	180	74105	21.042	ug/l	99

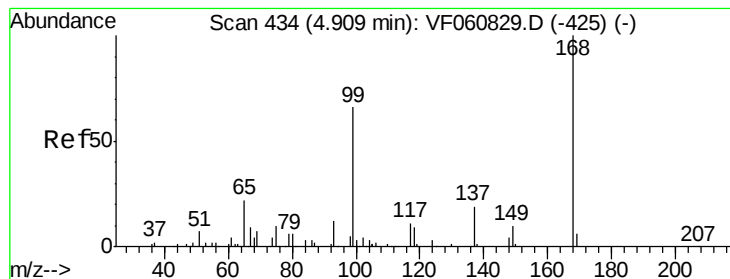
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.90 min Scan# 433

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

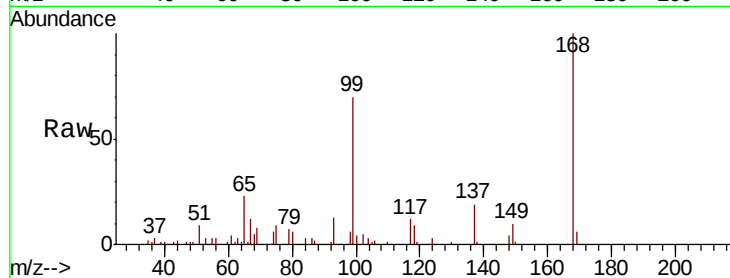
VF1127SBS01

Tot Ion:168 Resp: 210516

Ion Ratio Lower Upper

168 100

99 70.5 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.90

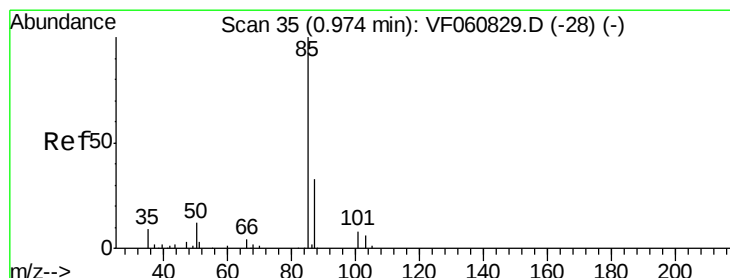
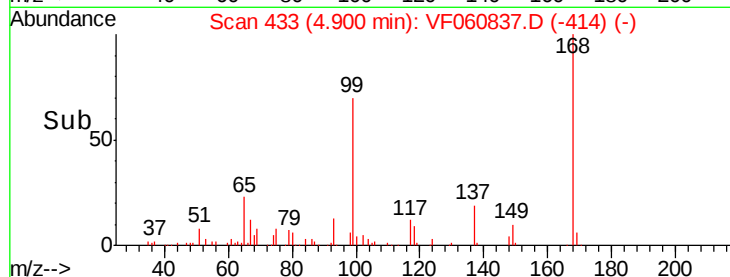
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#2

Dichlorodifluoromethane

Concen: 23.697 ug/l

RT: 0.97 min Scan# 35

Delta R.T. 0.00 min

Lab File: VF060837.D

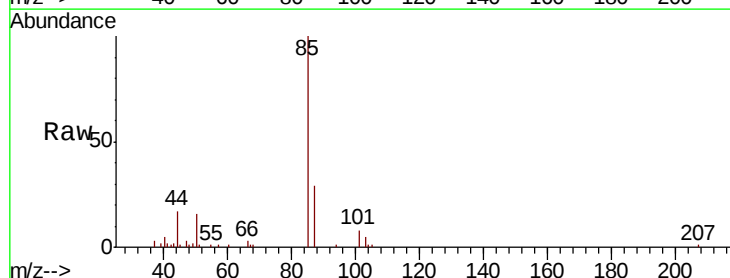
Acq: 27 Nov 2018 14:32

Tgt Ion: 85 Resp: 74591

Ion Ratio Lower Upper

85 100

87 29.5 16.7 50.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.97

20000

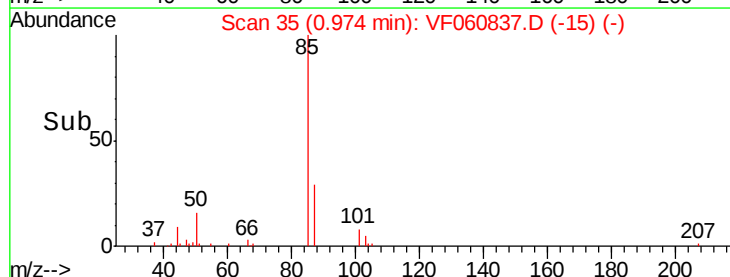
15000

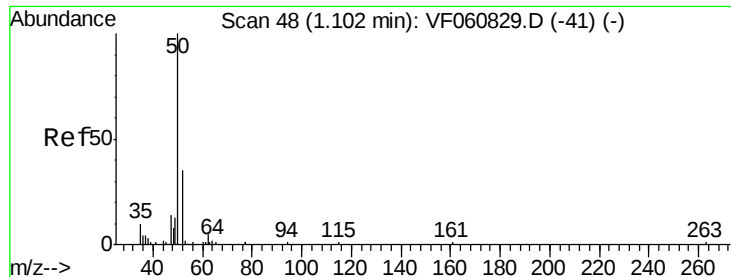
10000

5000

0

Time--> 0.90 1.00 1.10





#3

Chloromethane

Concen: 25.722 ug/l

RT: 1.12 min Scan# 50

Delta R.T. 0.02 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

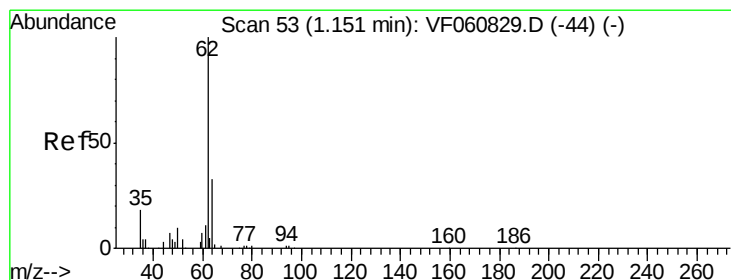
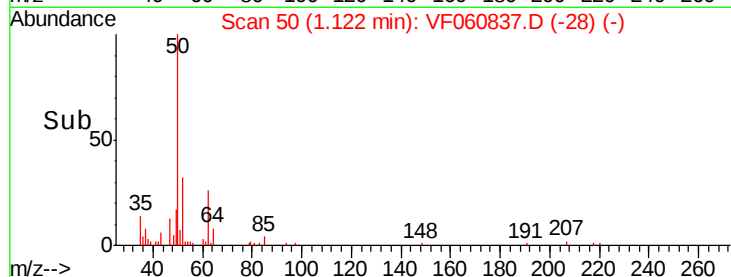
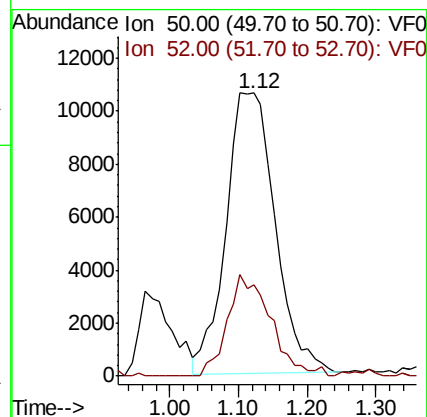
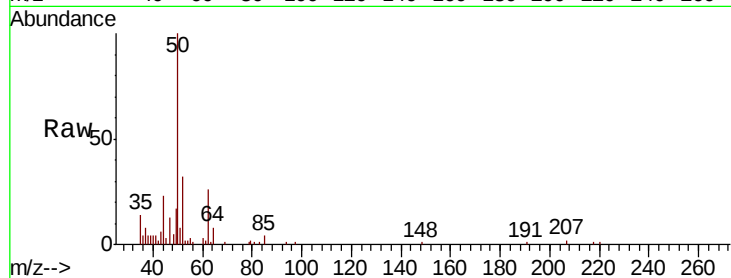
VF1127SBS01

Tot Ion: 50 Resp: 52684

Ion Ratio Lower Upper

50 100

52 32.2 27.0 40.4



#4

Vinyl Chloride

Concen: 25.113 ug/l

RT: 1.15 min Scan# 53

Delta R.T. 0.00 min

Lab File: VF060837.D

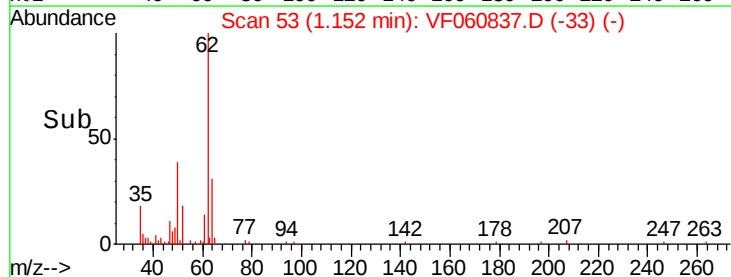
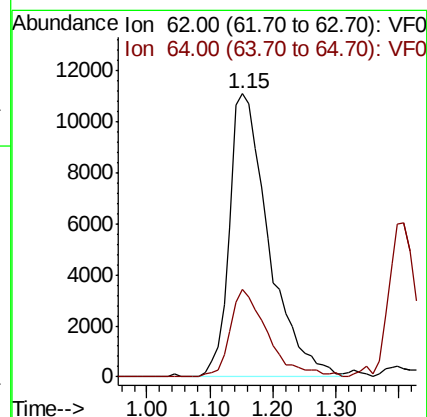
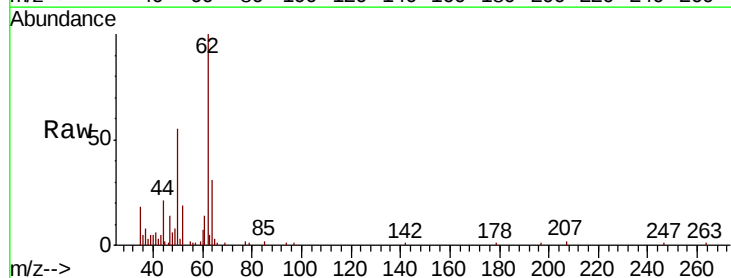
Acq: 27 Nov 2018 14:32

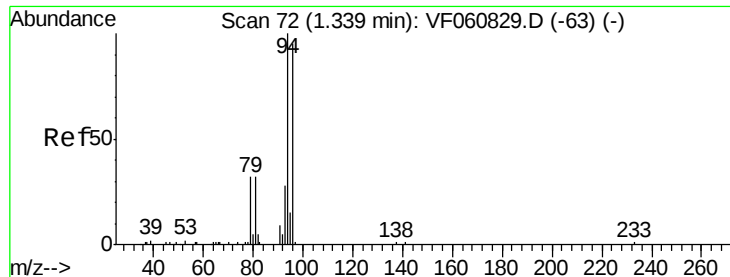
Tgt Ion: 62 Resp: 47980

Ion Ratio Lower Upper

62 100

64 30.9 26.4 39.6





#5

Bromomethane

Concen: 23.456 ug/l

RT: 1.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

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ClientSampleId :

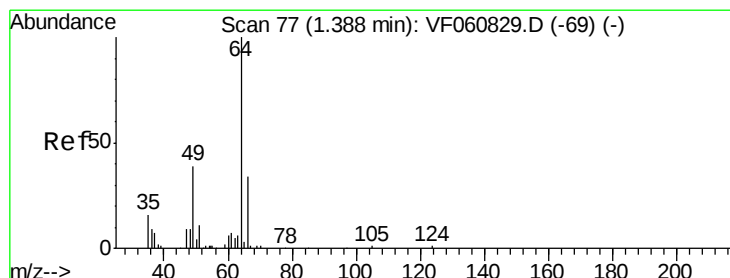
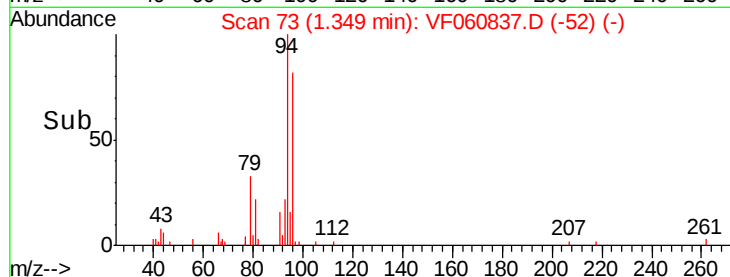
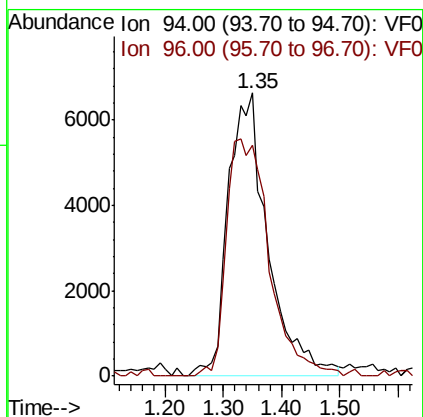
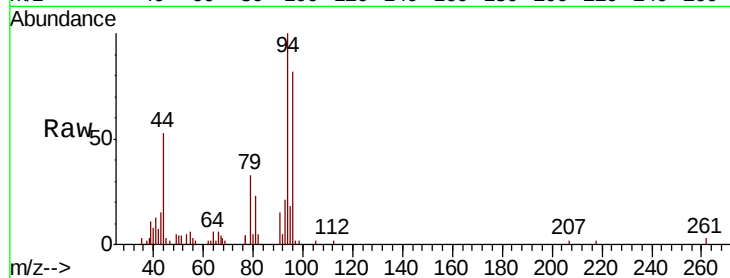
VF1127SBS01

Tot Ion: 94 Resp: 31600

Ion Ratio Lower Upper

94 100

96 81.7 75.9 113.9



#6

Chloroethane

Concen: 24.605 ug/l

RT: 1.41 min Scan# 79

Delta R.T. 0.02 min

Lab File: VF060837.D

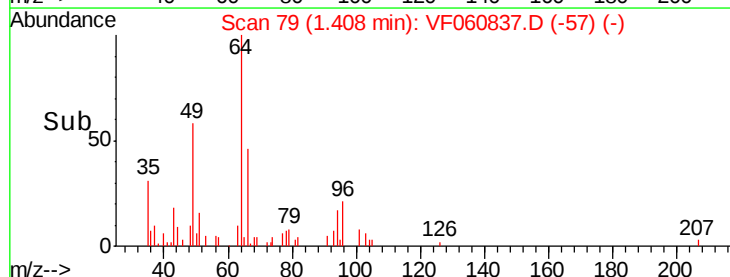
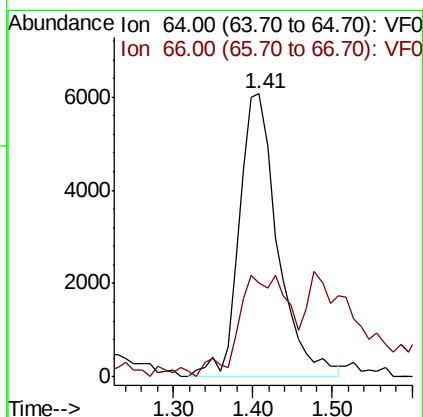
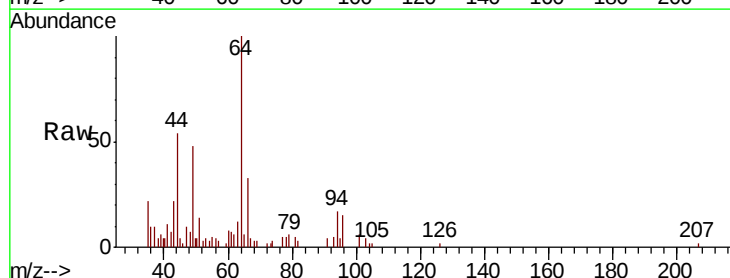
Acq: 27 Nov 2018 14:32

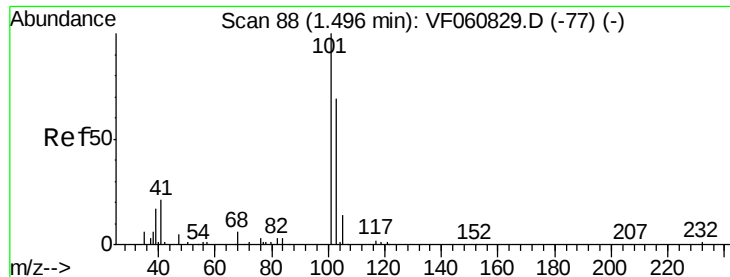
Tgt Ion: 64 Resp: 20320

Ion Ratio Lower Upper

64 100

66 33.2 28.1 42.1





#7

Trichlorofluoromethane

Concen: 21.472 ug/l

RT: 1.50 min Scan# 88

Delta R.T. 0.00 min

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ClientSampleId :

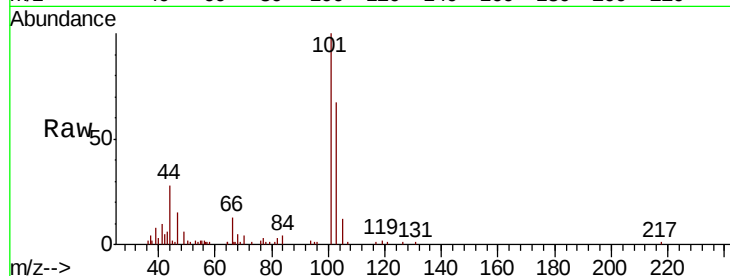
VF1127SBS01

Tot Ion:101 Resp: 88020

Ion Ratio Lower Upper

101 100

103 67.2 55.4 83.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

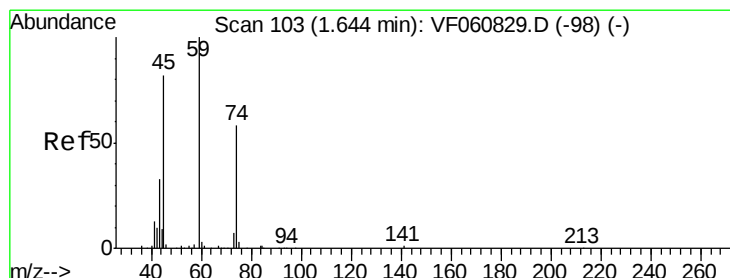
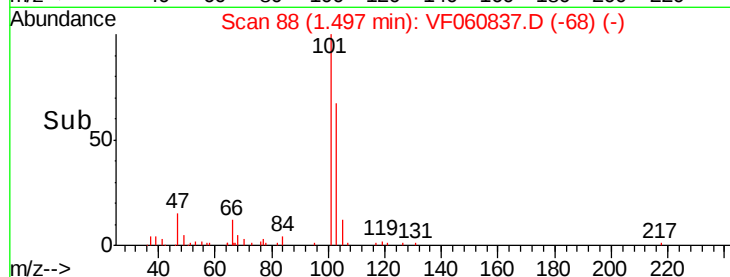
1.50

10000

5000

0

Time--> 1.30 1.40 1.50 1.60 1.70



#8

Diethyl Ether

Concen: 22.765 ug/l

RT: 1.65 min Scan# 103

Delta R.T. 0.00 min

Lab File: VF060837.D

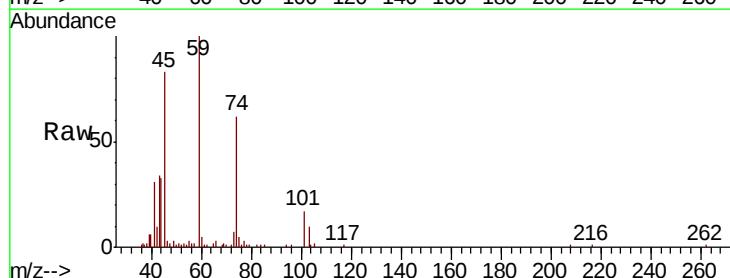
Acq: 27 Nov 2018 14:32

Tgt Ion: 74 Resp: 13419

Ion Ratio Lower Upper

74 100

45 135.2 71.0 212.8



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

1.65

10000

8000

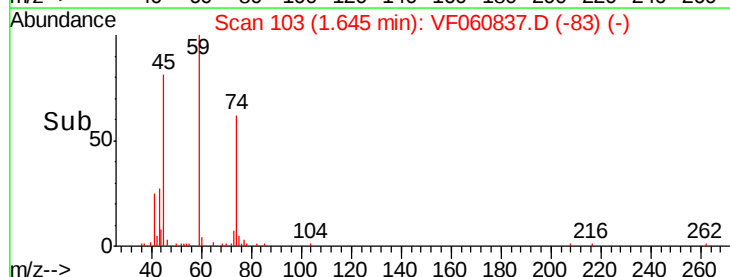
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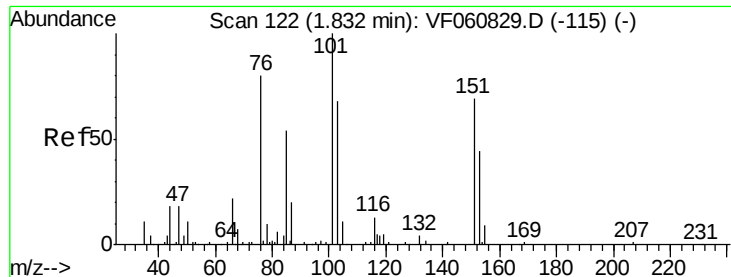
4000

2000

0

Time--> 1.50 1.60 1.70





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.017 ug/l

RT: 1.84 min Scan# 123

Delta R.T. 0.01 min

Lab File: VF060837.D

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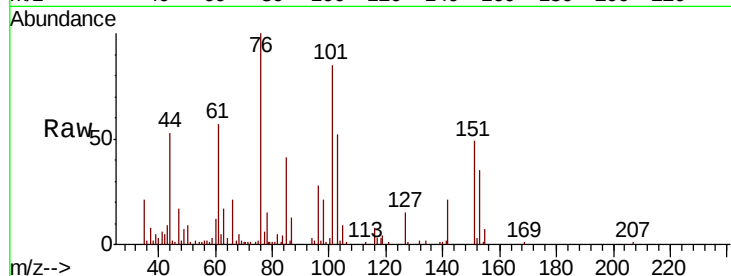
Tot Ion:101 Resp: 47700

Ion Ratio Lower Upper

101 100

85 48.6 42.8 64.2

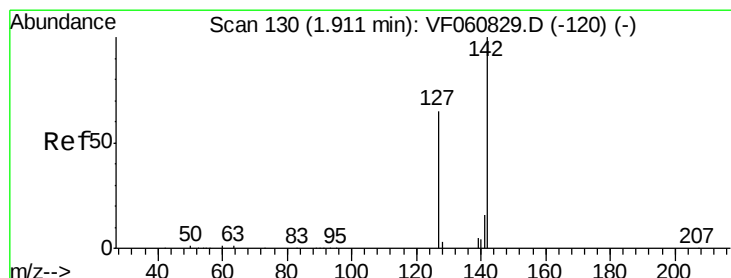
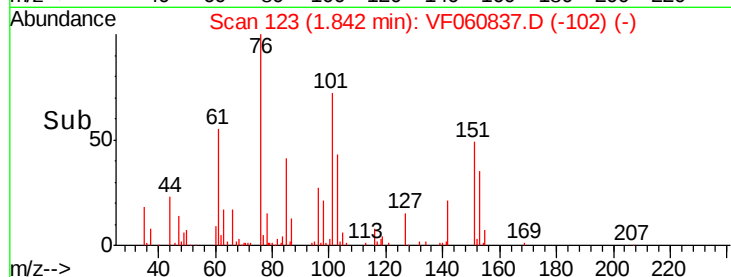
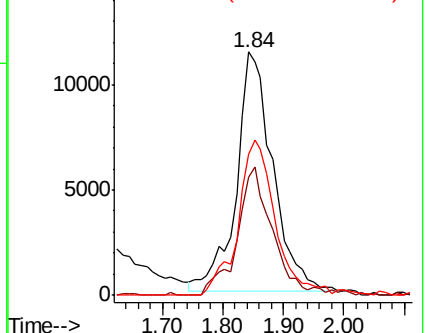
151 58.0 54.4 81.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 18.603 ug/l

RT: 1.92 min Scan# 131

Delta R.T. 0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

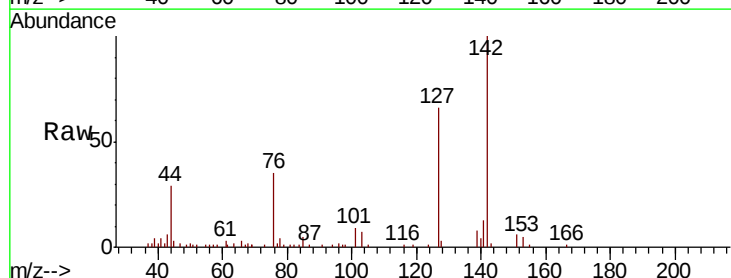
Tgt Ion:142 Resp: 58598

Ion Ratio Lower Upper

142 100

127 66.1 51.9 77.9

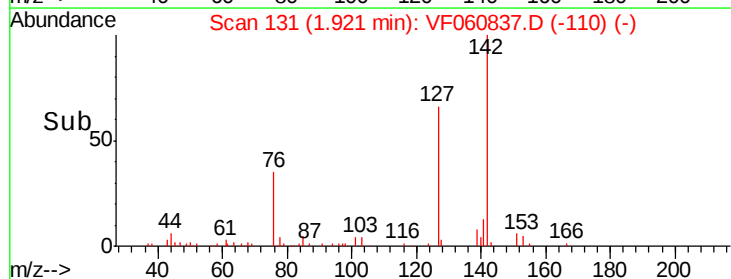
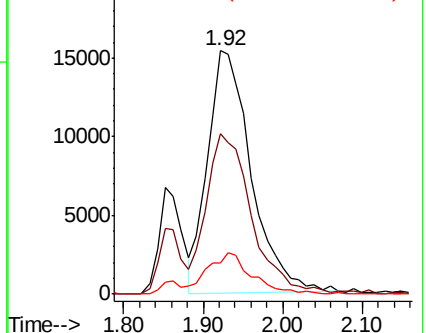
141 13.0 12.7 19.1

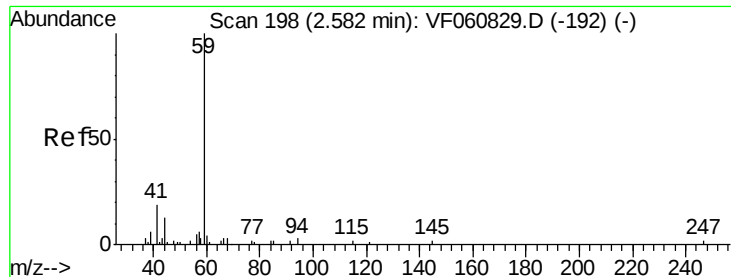


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



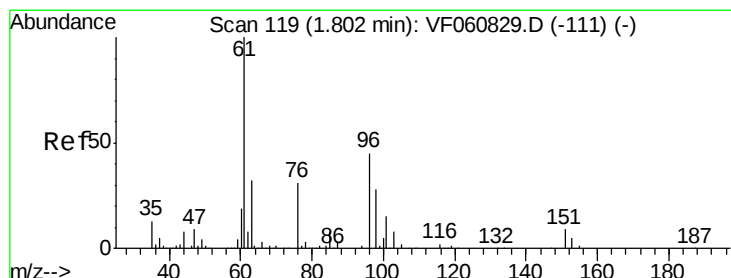
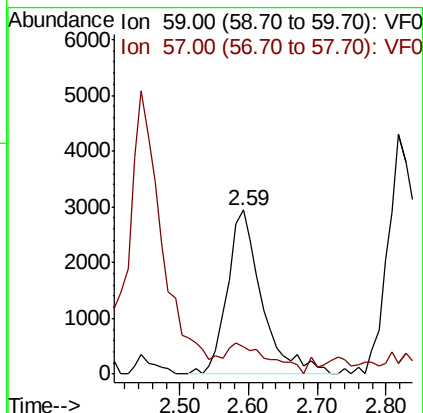
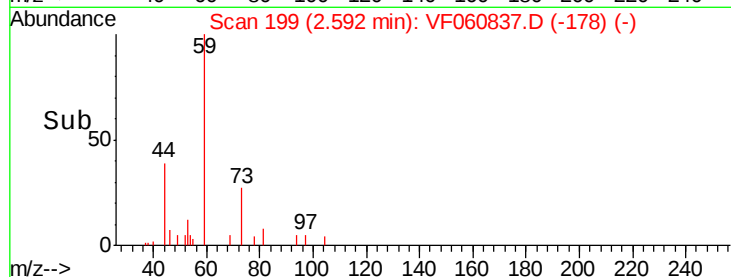
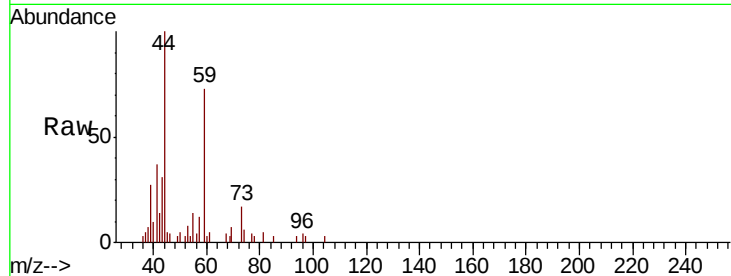


#11

Tert butyl alcohol
Concen: 100.512 ug/l
RT: 2.59 min Scan# 199
Delta R.T. 0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

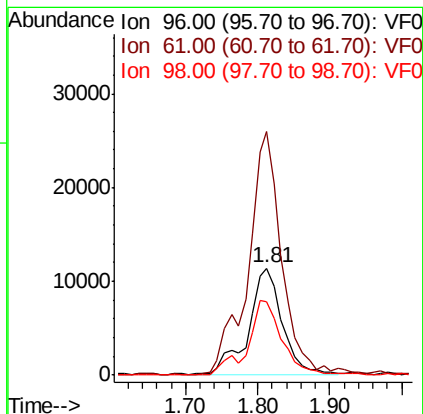
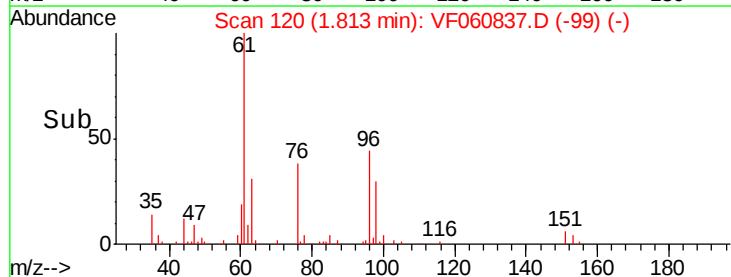
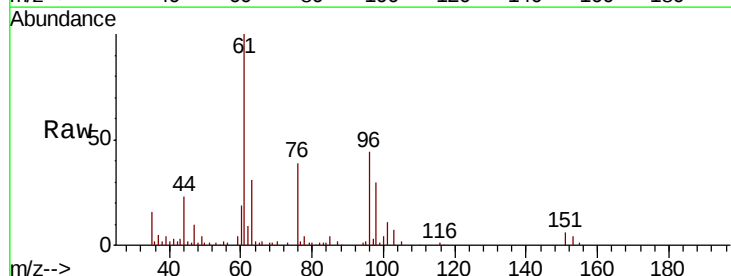
Tot Ion: 59 Resp: 10218
Ion Ratio Lower Upper
59 100
57 16.4 12.7 19.1

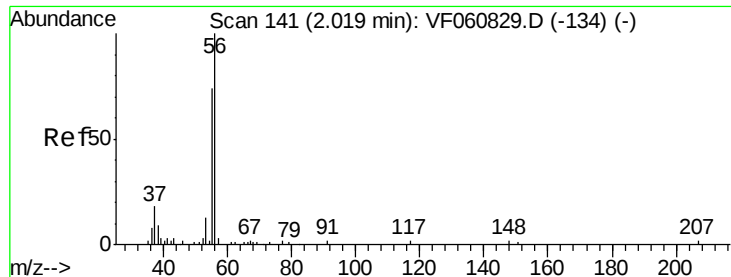


#12

1,1-Dichloroethene
Concen: 22.772 ug/l
RT: 1.81 min Scan# 120
Delta R.T. 0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion: 96 Resp: 37959
Ion Ratio Lower Upper
96 100
61 227.3 177.3 265.9
98 69.0 49.6 74.4





#13

Acrolein

Concen: 111.432 ug/l

RT: 2.02 min Scan# 141

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

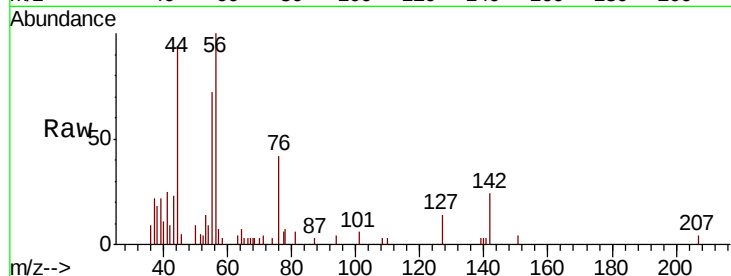
VF1127SBS01

Tot Ion: 56 Resp: 10733

Ion Ratio Lower Upper

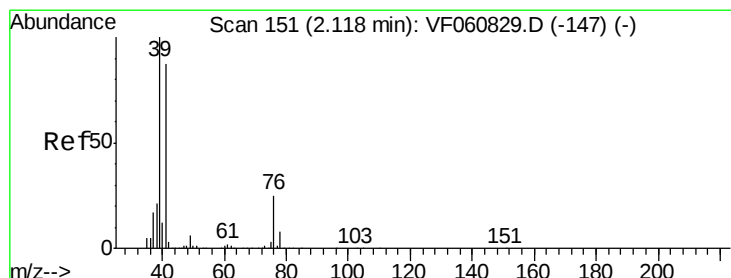
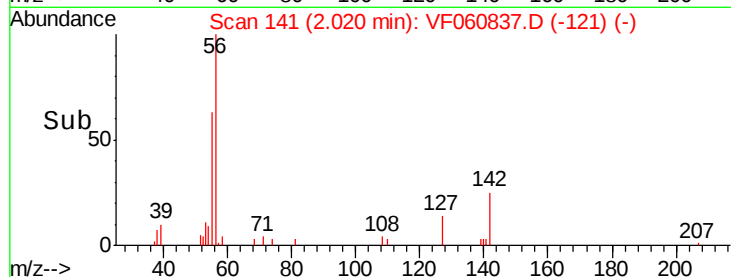
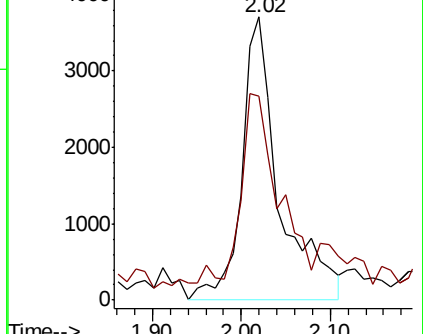
56 100

55 72.0 61.2 91.8



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 21.962 ug/l

RT: 2.11 min Scan# 150

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

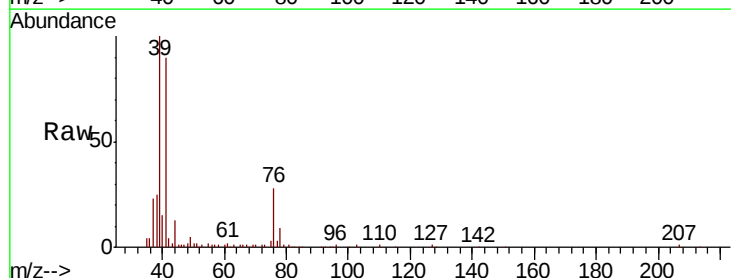
Tgt Ion: 41 Resp: 45628

Ion Ratio Lower Upper

41 100

39 111.0 91.7 137.5

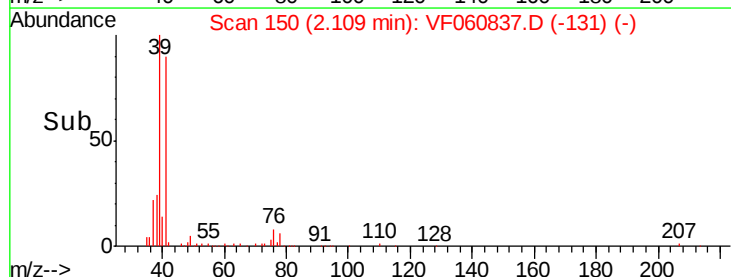
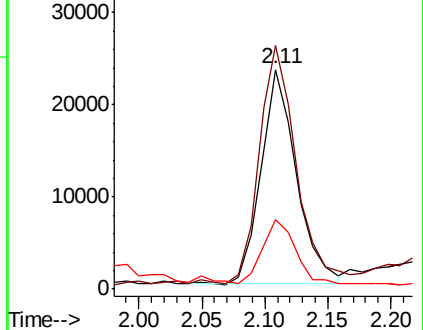
76 31.6 23.5 35.3

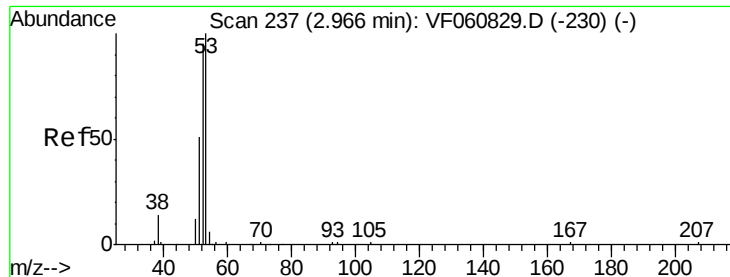


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 108.077 ug/l

RT: 2.97 min Scan# 237

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

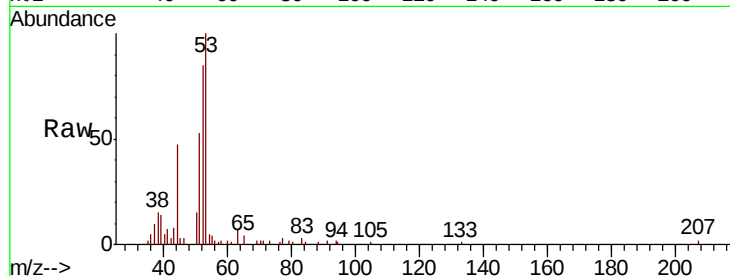
Tot Ion: 53 Resp: 24632

Ion Ratio Lower Upper

53 100

52 84.6 76.5 114.7

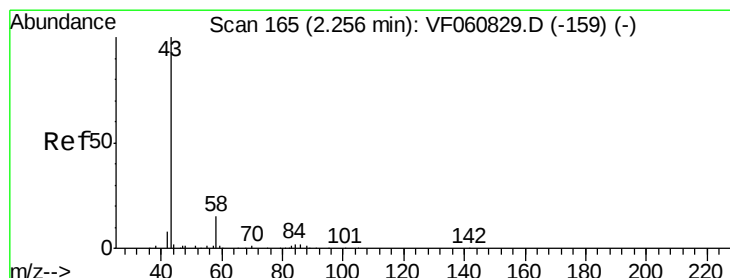
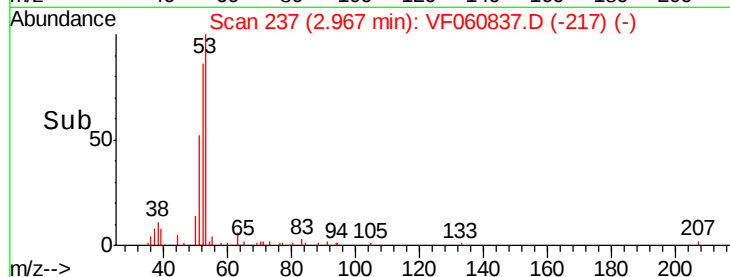
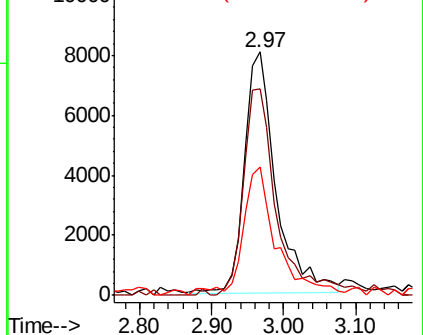
51 52.8 40.7 61.1



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 116.718 ug/l

RT: 2.26 min Scan# 165

Delta R.T. 0.00 min

Lab File: VF060837.D

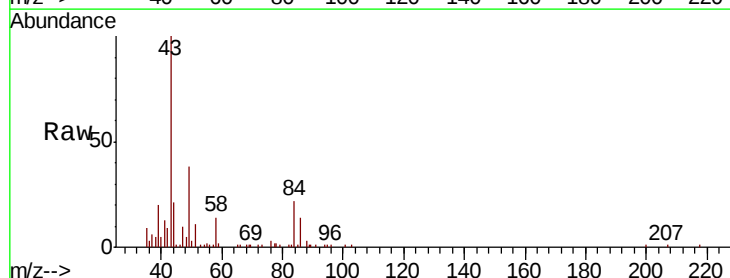
Acq: 27 Nov 2018 14:32

Tgt Ion: 43 Resp: 53377

Ion Ratio Lower Upper

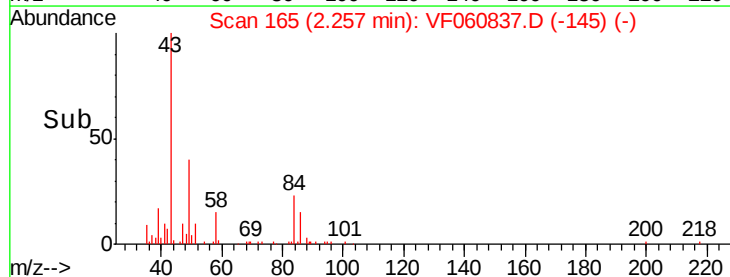
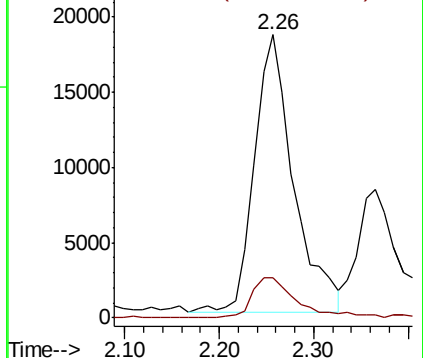
43 100

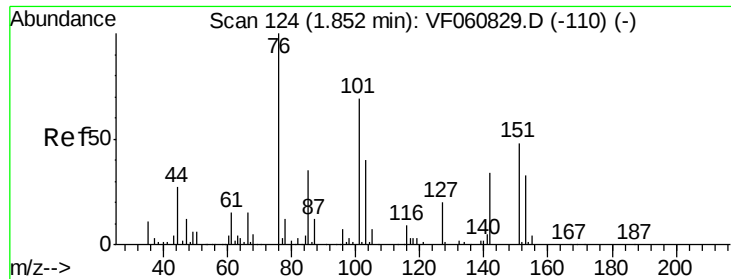
58 14.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

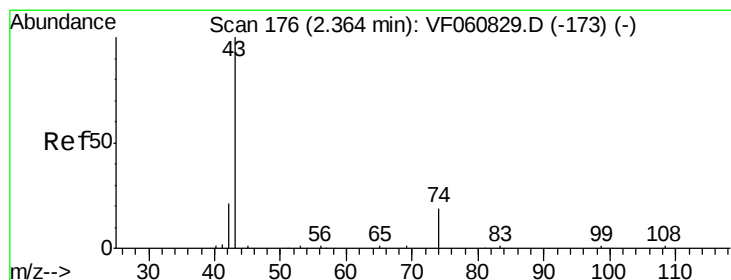
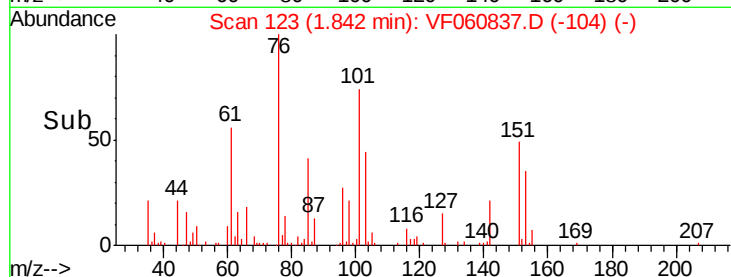
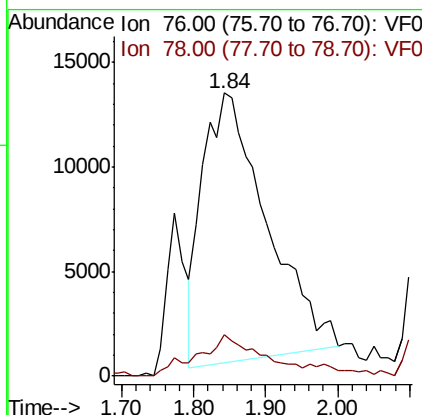
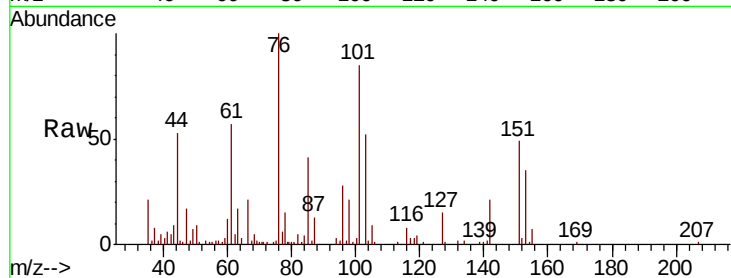




#17
Carbon Disulfide
Concen: 17.866 ug/l
RT: 1.84 min Scan# 123
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

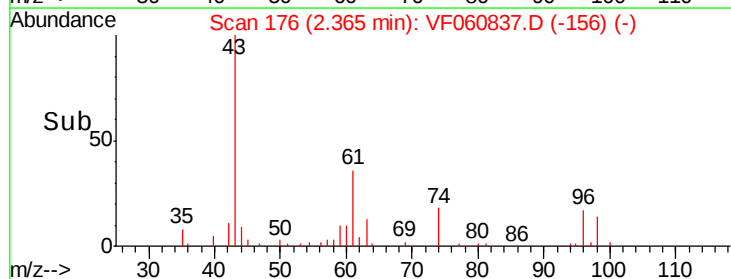
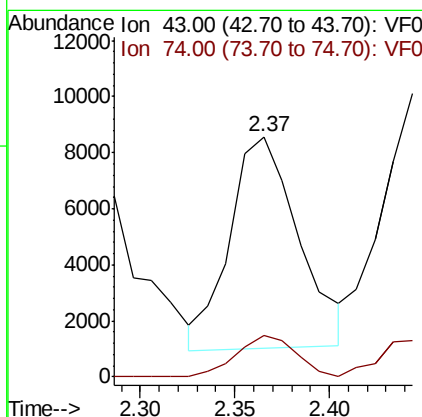
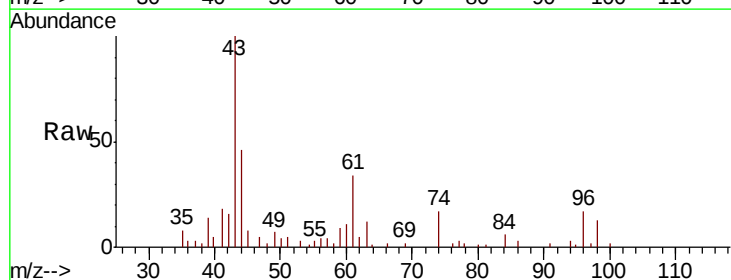
Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

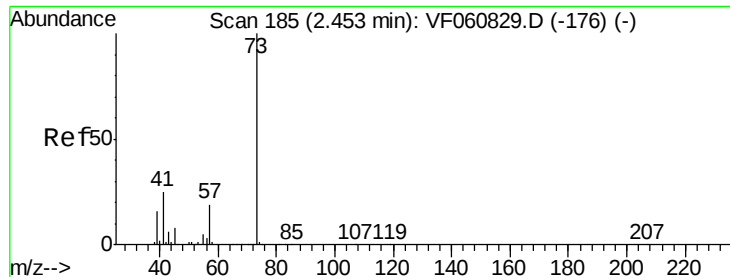
Tot Ion: 76 Resp: 79850
Ion Ratio Lower Upper
76 100
78 14.8 10.2 15.2



#18
Methyl Acetate
Concen: 24.132 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion: 43 Resp: 19170
Ion Ratio Lower Upper
43 100
74 17.5 13.3 19.9



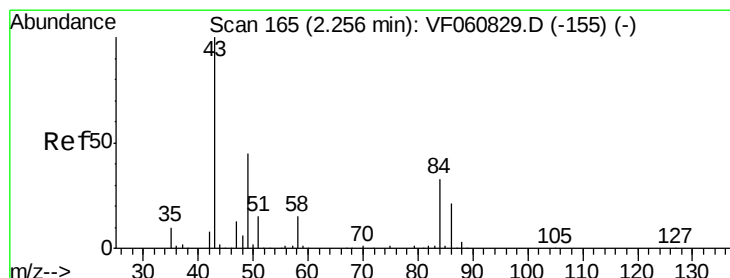
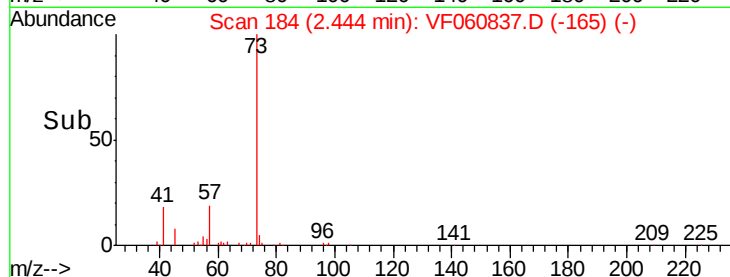
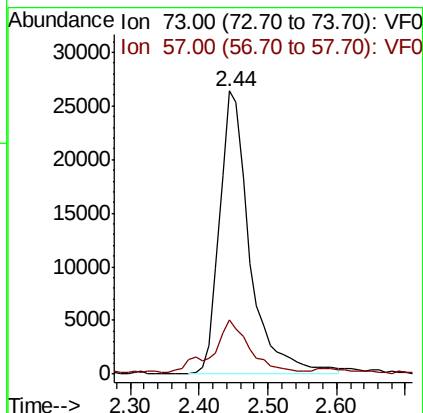
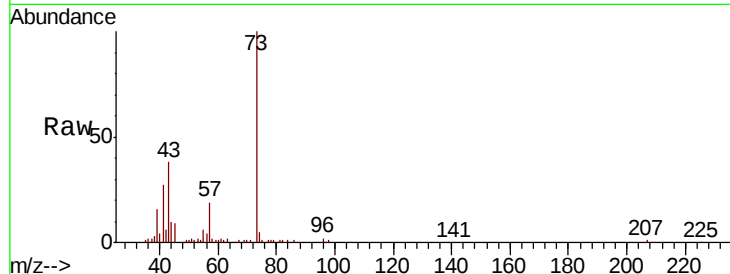


#19

Methyl tert-butyl Ether
 Concen: 21.509 ug/l
 RT: 2.44 min Scan# 184
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

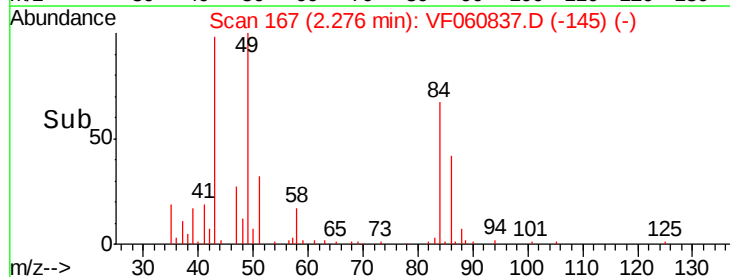
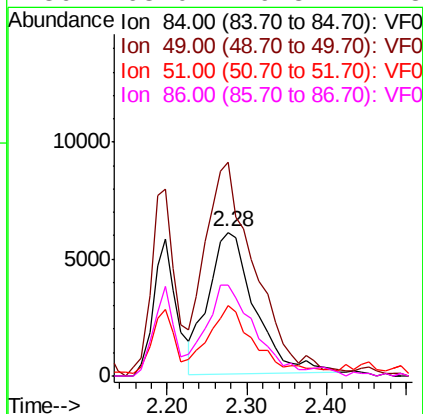
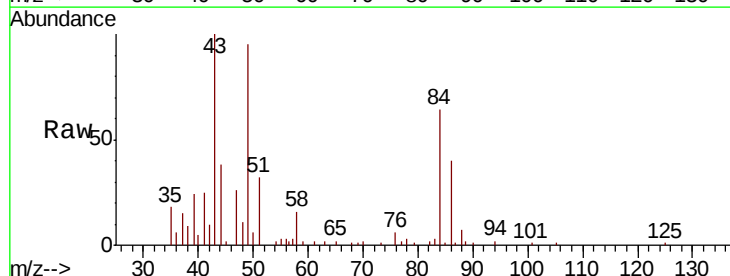
Tot Ion: 73 Resp: 80752
 Ion Ratio Lower Upper
 73 100
 57 19.2 15.3 22.9

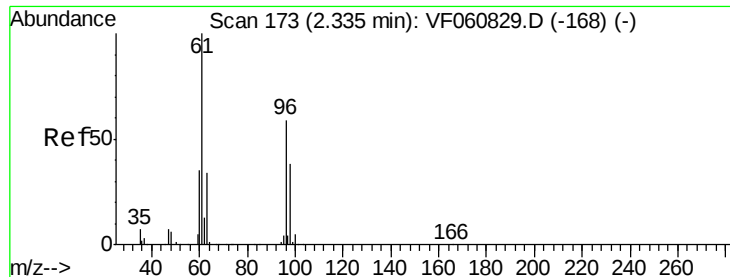


#20

Methylene Chloride
 Concen: 14.771 ug/l
 RT: 2.28 min Scan# 167
 Delta R.T. 0.02 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Tgt Ion: 84 Resp: 24782
 Ion Ratio Lower Upper
 84 100
 49 149.0 111.3 166.9
 51 49.5 38.0 57.0
 86 63.0 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 19.920 ug/l

RT: 2.33 min Scan# 172

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

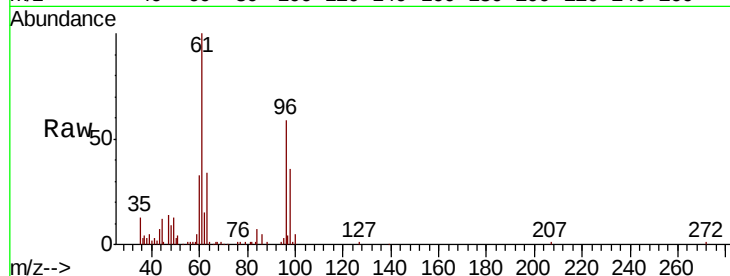
Tot Ion: 96 Resp: 32011

Ion Ratio Lower Upper

96 100

61 169.4 134.5 201.7

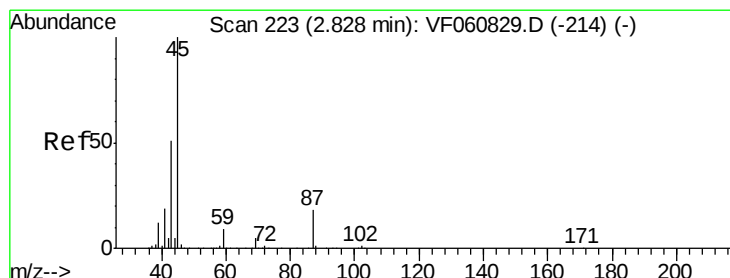
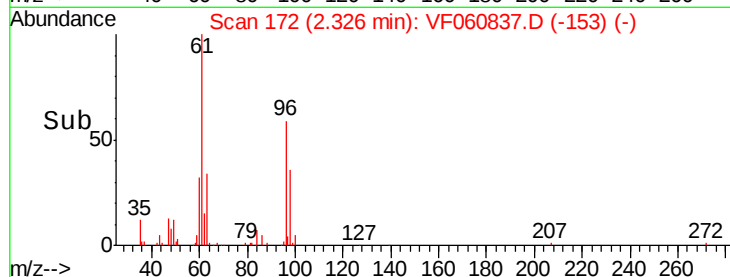
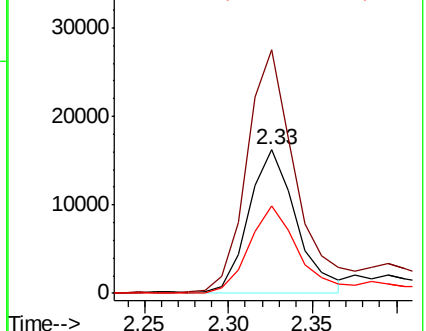
98 60.9 51.6 77.4



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 21.975 ug/l

RT: 2.82 min Scan# 222

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion: 45 Resp: 124273

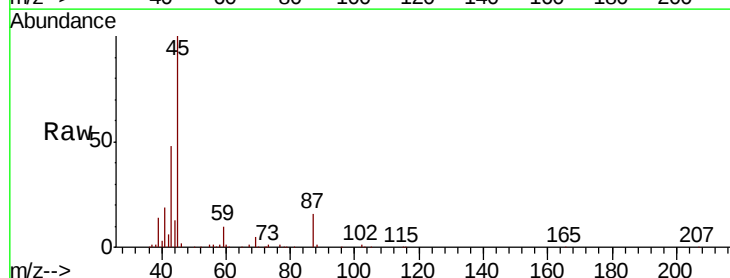
Ion Ratio Lower Upper

45 100

43 47.8 41.0 61.6

87 16.4 14.6 22.0

59 9.7 7.5 11.3

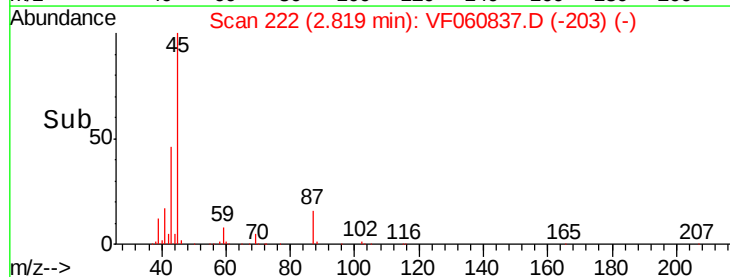
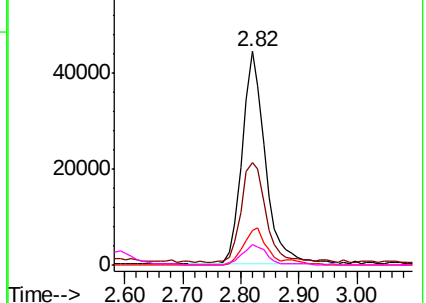


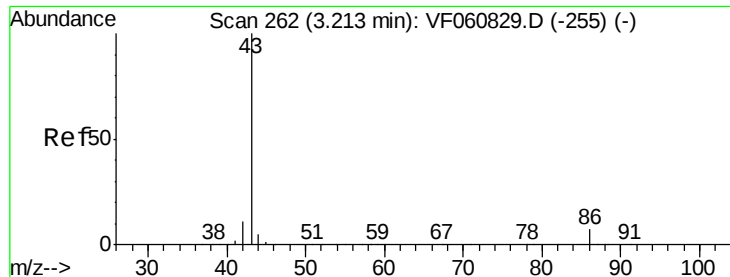
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 118.372 ug/l

RT: 3.21 min Scan# 262

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

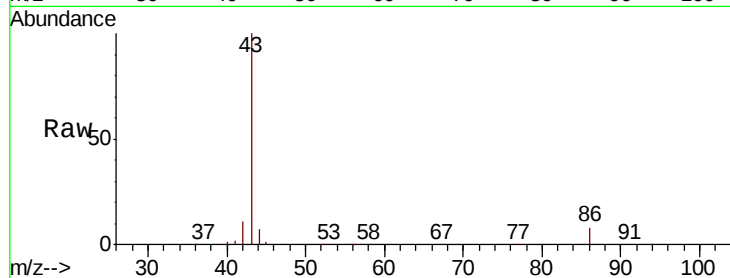
VF1127SBS01

Tot Ion: 43 Resp: 306000

Ion Ratio Lower Upper

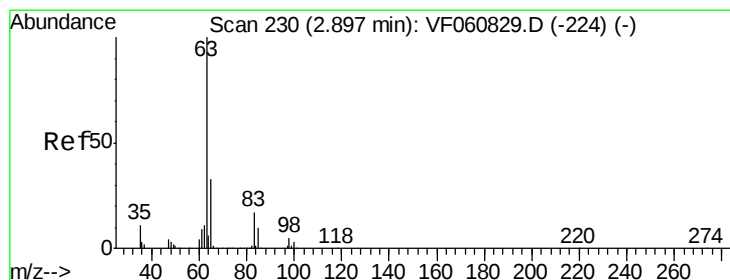
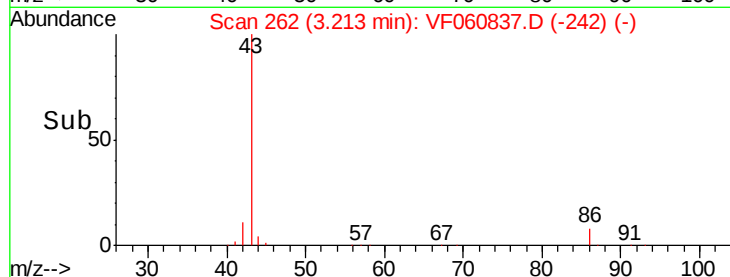
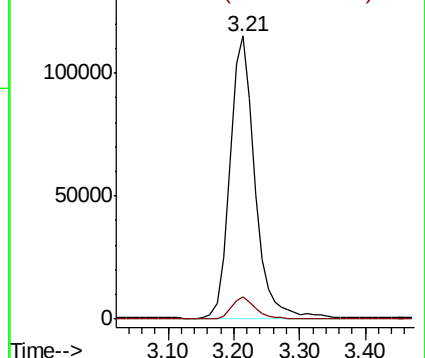
43 100

86 7.6 5.4 8.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 21.516 ug/l

RT: 2.89 min Scan# 229

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

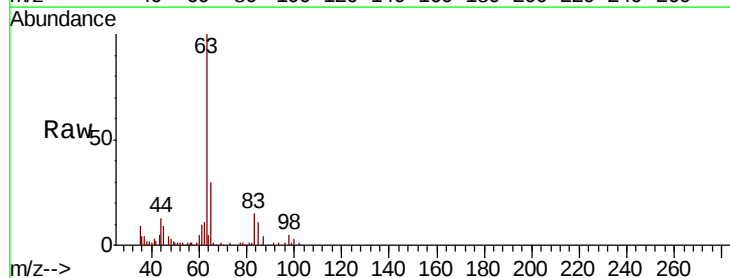
Tgt Ion: 63 Resp: 72394

Ion Ratio Lower Upper

63 100

98 4.6 2.7 8.1

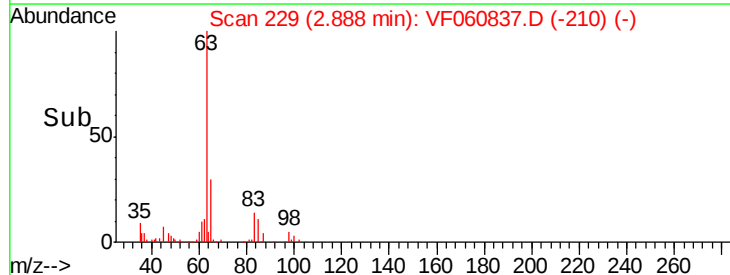
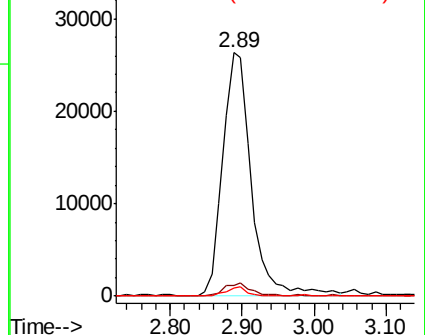
100 3.2 1.5 4.5

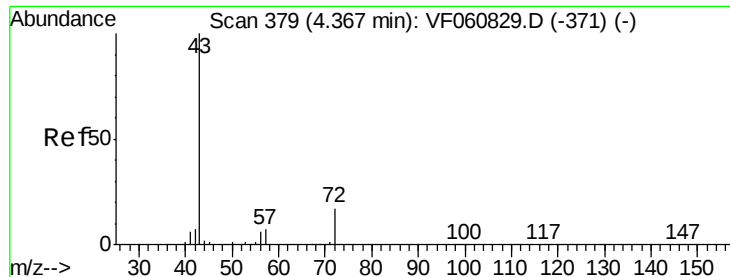


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 116.387 ug/l

RT: 4.37 min Scan# 379

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

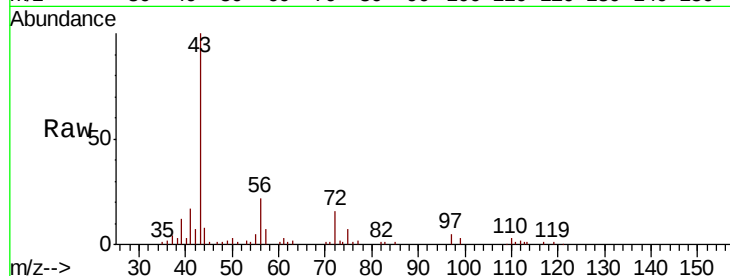
VF1127SBS01

Tot Ion: 43 Resp: 92062

Ion Ratio Lower Upper

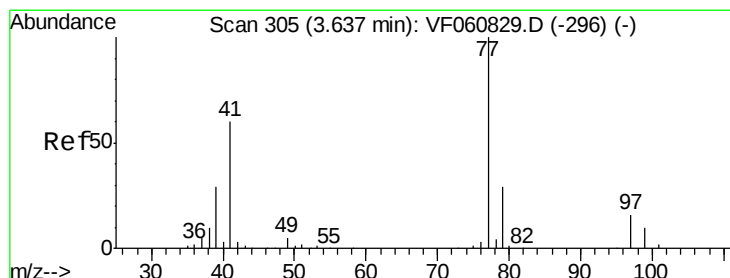
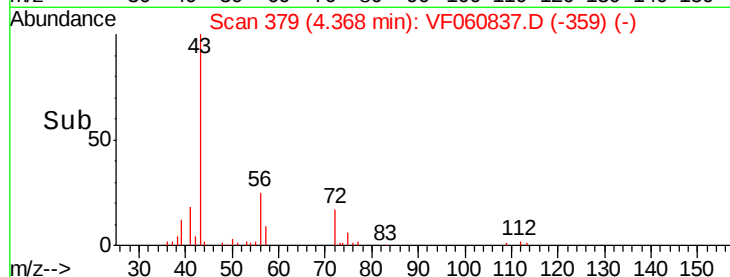
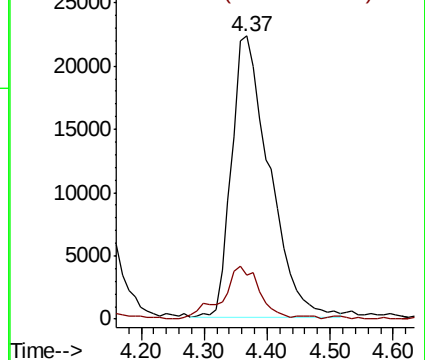
43 100

72 15.7 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 20.614 ug/l

RT: 3.63 min Scan# 304

Delta R.T. -0.01 min

Lab File: VF060837.D

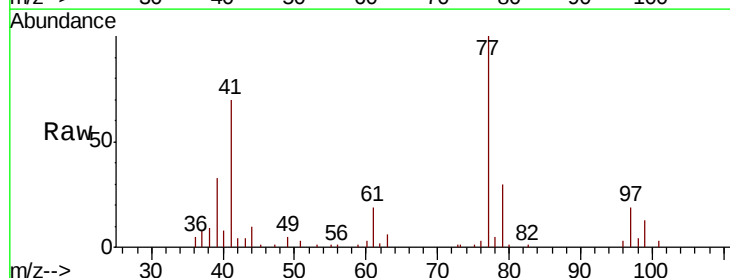
Acq: 27 Nov 2018 14:32

Tgt Ion: 77 Resp: 44966

Ion Ratio Lower Upper

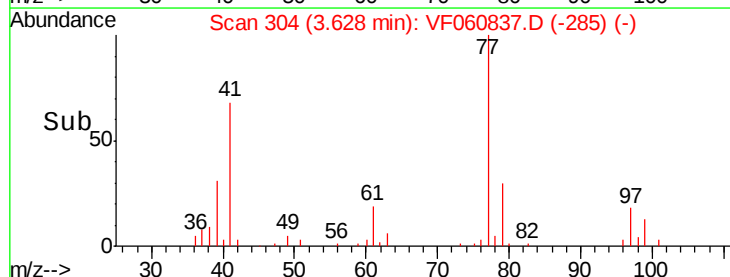
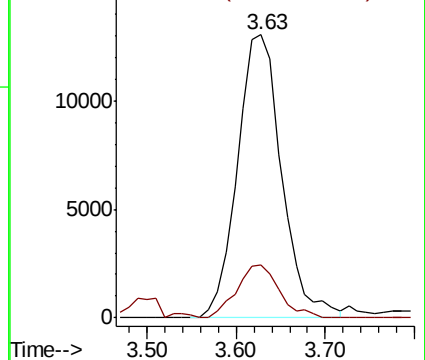
77 100

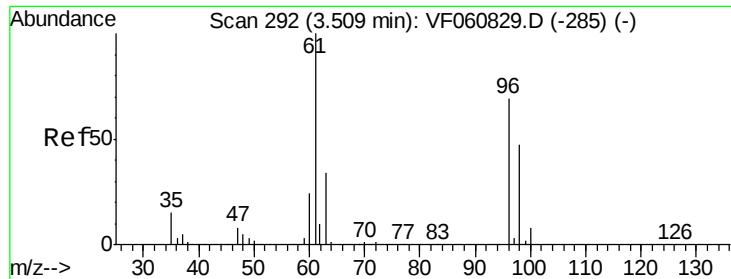
97 18.6 8.6 25.8



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



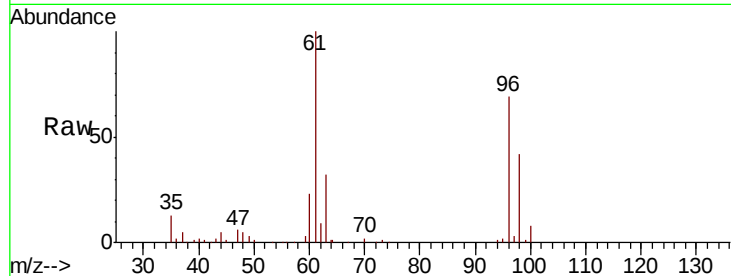


#27

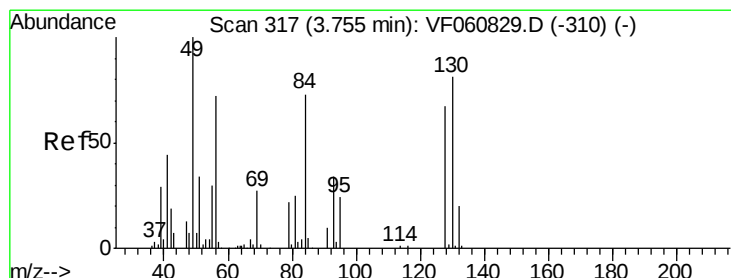
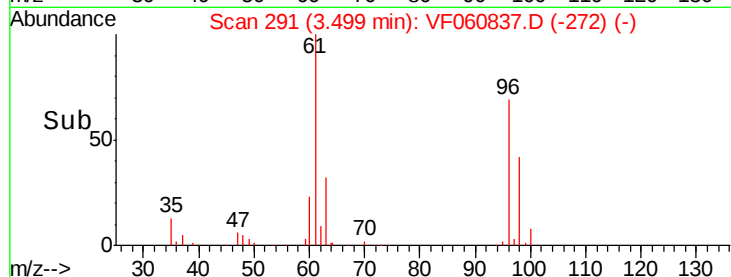
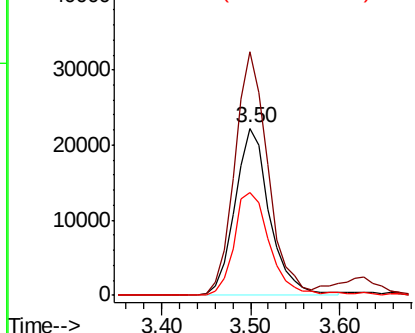
cis-1,2-Dichloroethene
 Concen: 23.061 ug/l
 RT: 3.50 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

Tot Ion: 96 Resp: 60333
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 290.6
 98 61.8 0.0 137.8



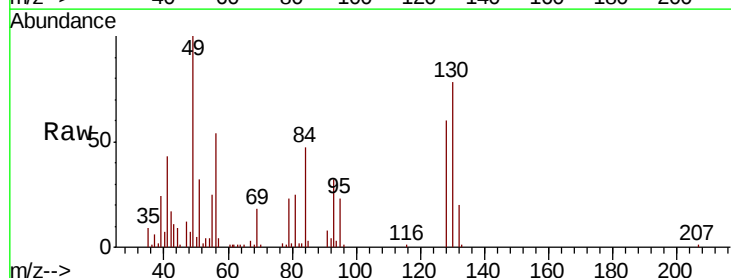
Abundance Ion 96.00 (95.70 to 96.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 98.00 (97.70 to 98.70): VF0



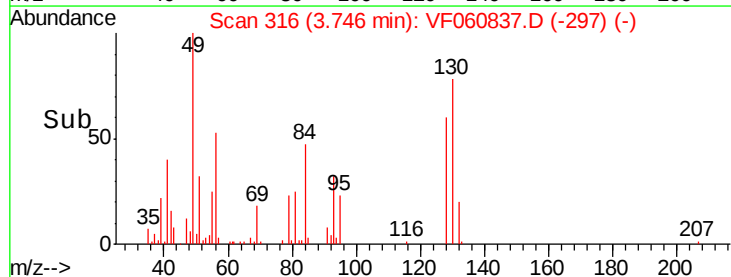
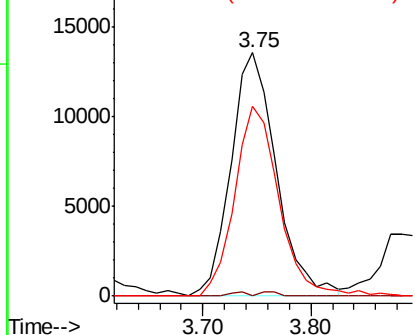
#28

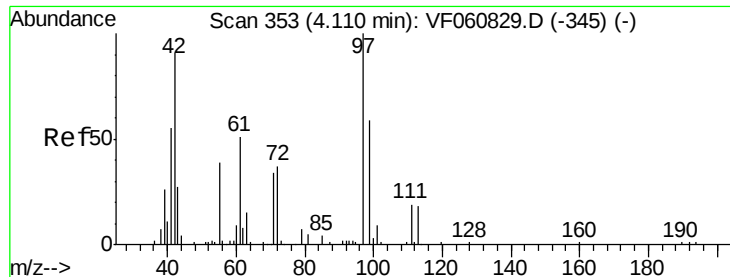
Bromochloromethane
 Concen: 24.512 ug/l
 RT: 3.75 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Tgt Ion: 49 Resp: 39581
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.4
 130 77.7 64.2 96.4



Abundance Ion 49.00 (48.70 to 49.70): VF0
 Ion 129.00 (128.70 to 129.70): V
 Ion 130.00 (129.70 to 130.70): V





#29

Tetrahydrofuran

Concen: 116.063 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

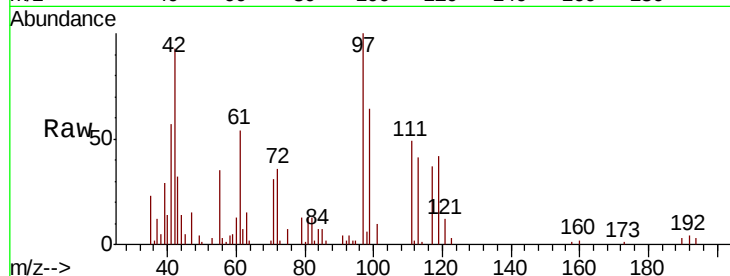
Tot Ion: 42 Resp: 38915

Ion Ratio Lower Upper

42 100

72 34.8 31.9 47.9

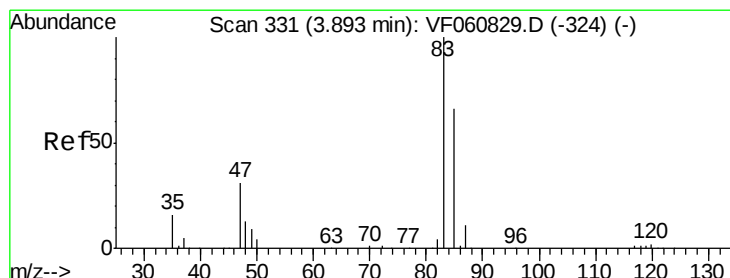
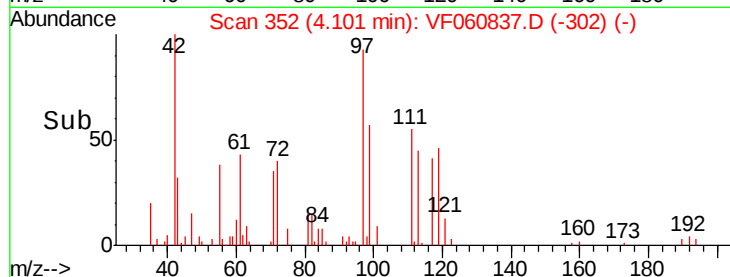
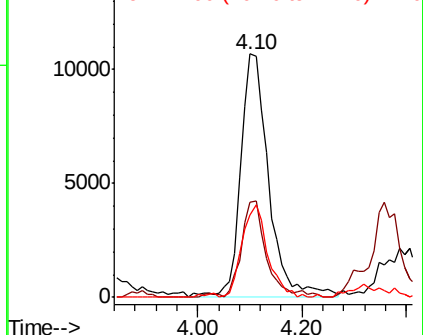
71 34.4 28.7 43.1



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 20.793 ug/l

RT: 3.88 min Scan# 330

Delta R.T. -0.01 min

Lab File: VF060837.D

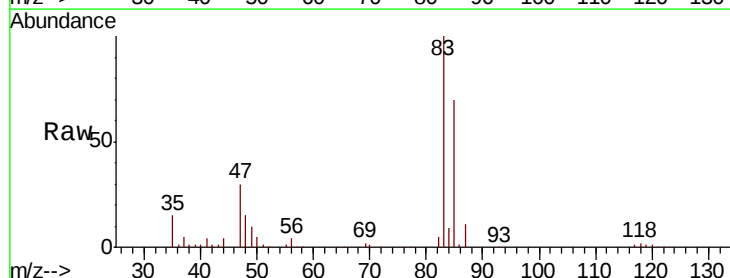
Acq: 27 Nov 2018 14:32

Tgt Ion: 83 Resp: 107672

Ion Ratio Lower Upper

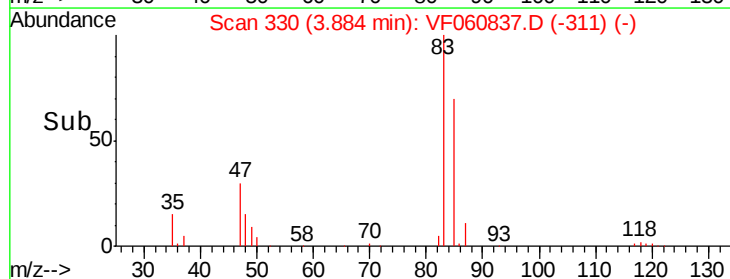
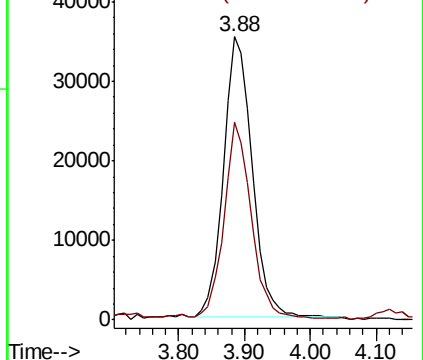
83 100

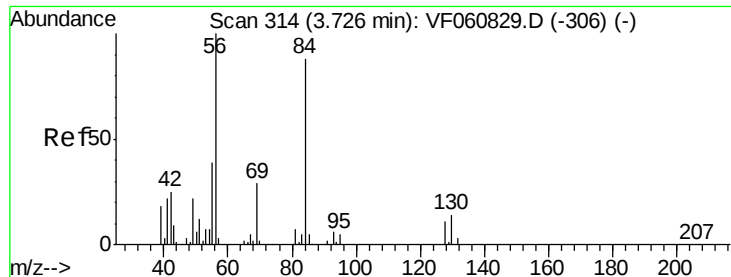
85 69.8 53.4 80.2



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

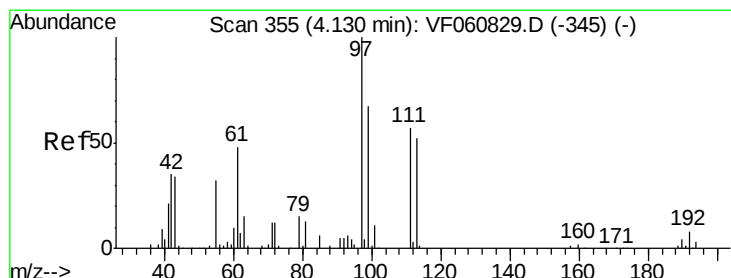
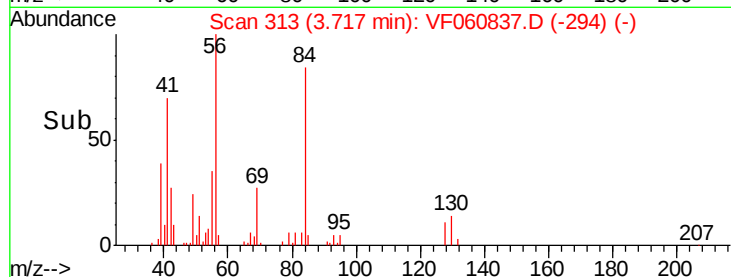
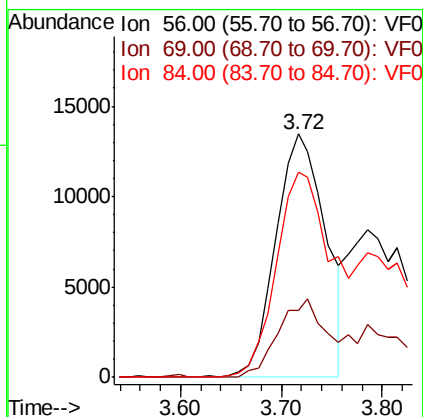
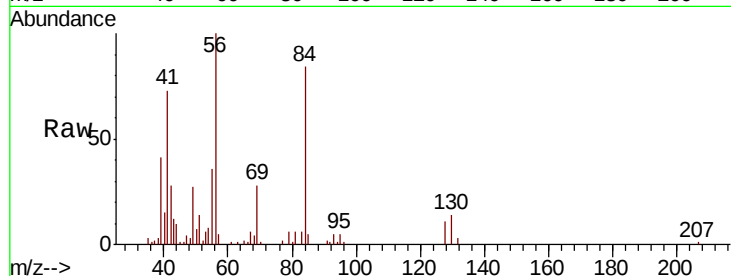




#31
Cyclohexane
Concen: 13.244 ug/l
RT: 3.72 min Scan# 313
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

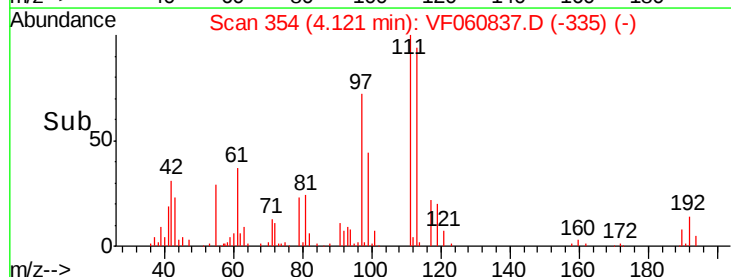
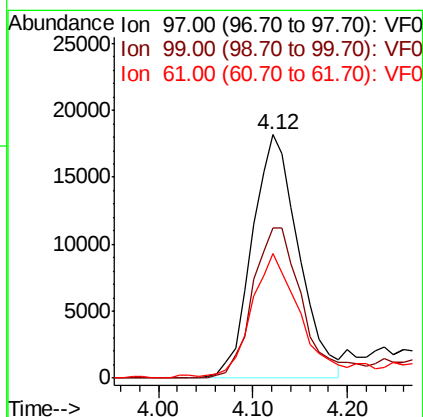
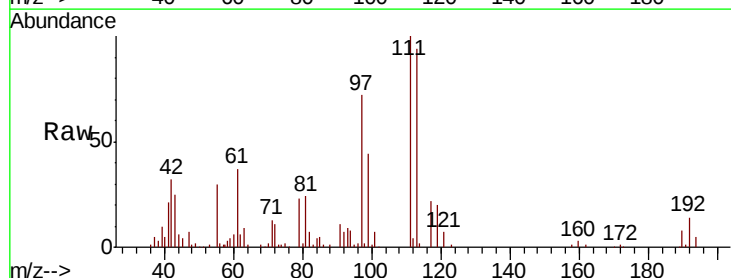
Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

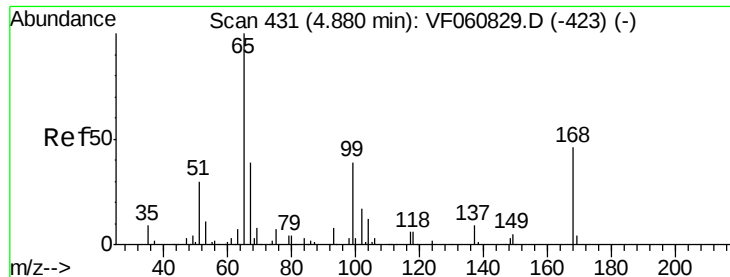
Tot Ion: 56 Resp: 46246
Ion Ratio Lower Upper
56 100
69 27.7 23.0 34.4
84 84.1 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 17.332 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion: 97 Resp: 62244
Ion Ratio Lower Upper
97 100
99 61.6 53.5 80.3
61 51.3 38.6 58.0





#33

1,2-Dichloroethane-d4

Concen: 49.604 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

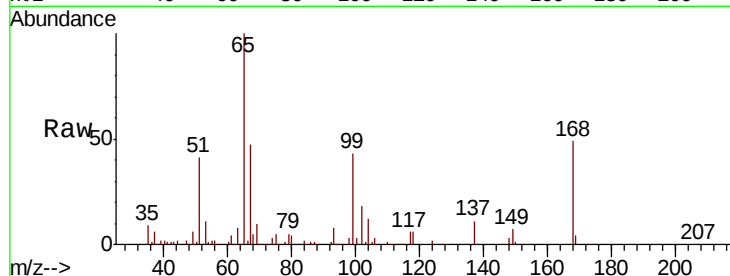
VF1127SBS01

Tot Ion: 65 Resp: 123016

Ion Ratio Lower Upper

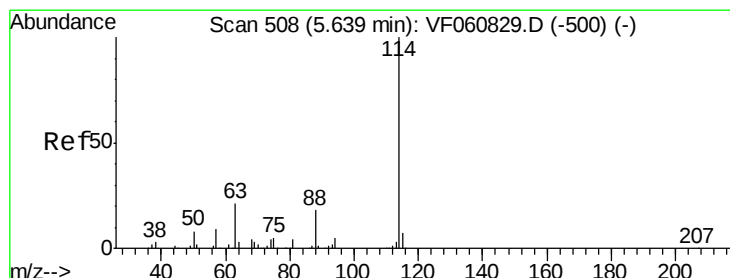
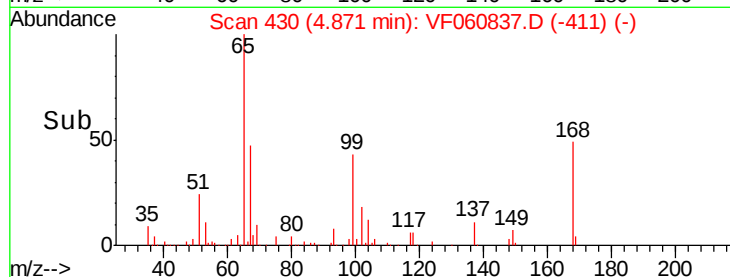
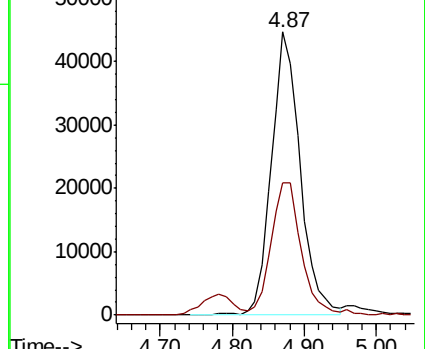
65 100

67 46.8 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 507

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

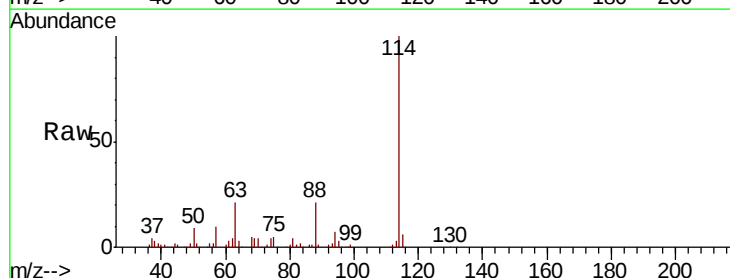
Tgt Ion: 114 Resp: 356045

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.6

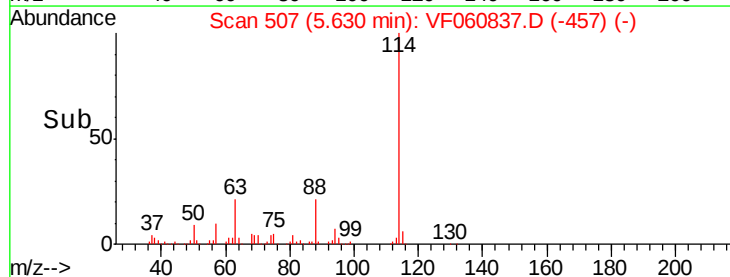
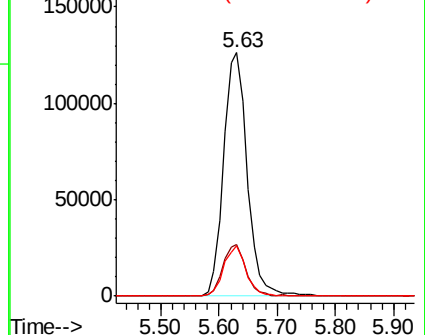
88 20.8 0.0 36.6

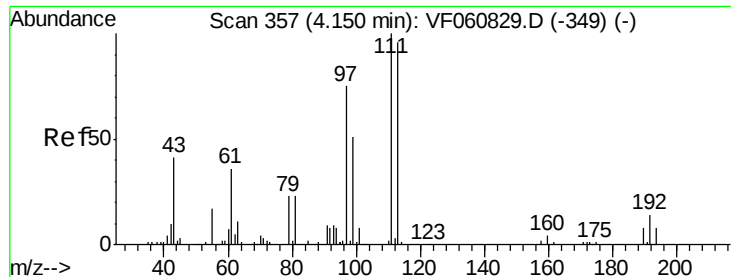


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

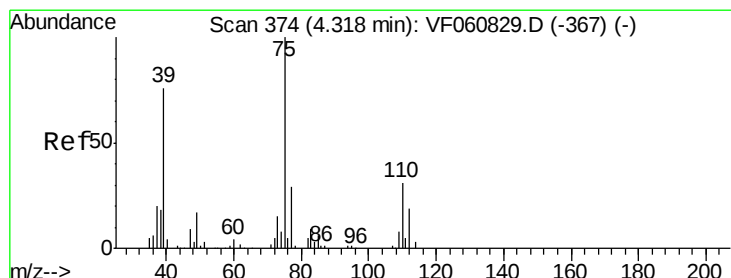
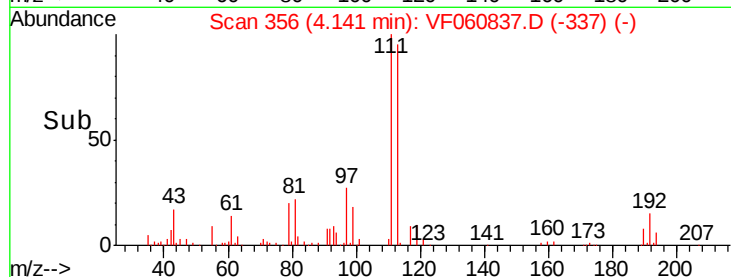
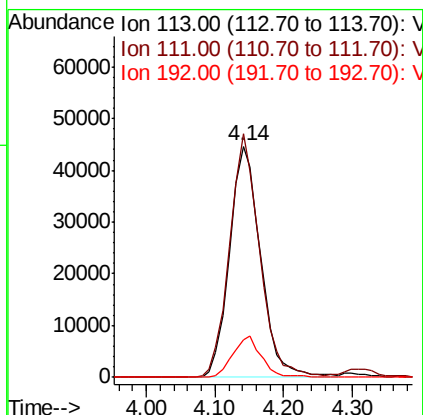
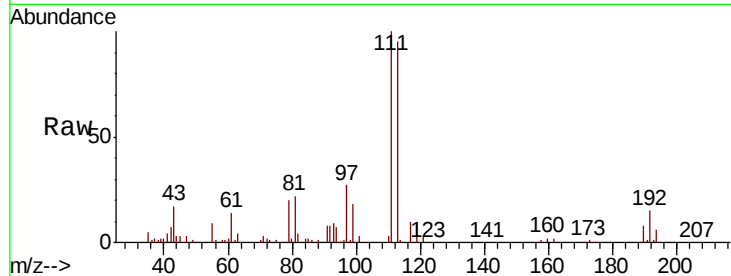




#35
 Dibromofluoromethane
 Concen: 49.407 ug/l
 RT: 4.14 min Scan# 356
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

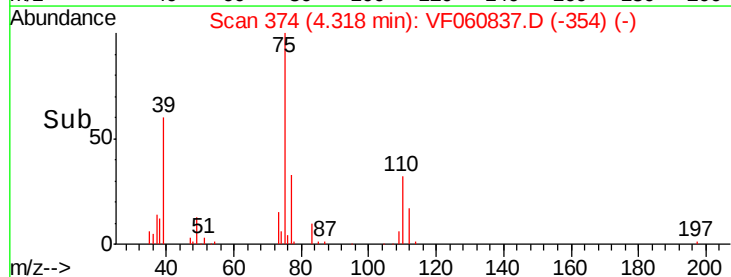
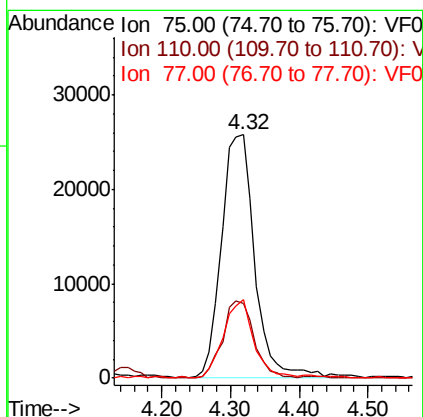
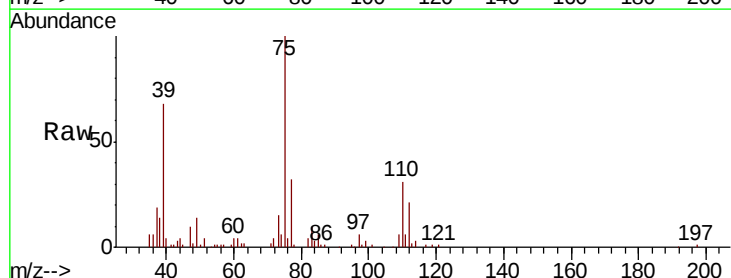
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

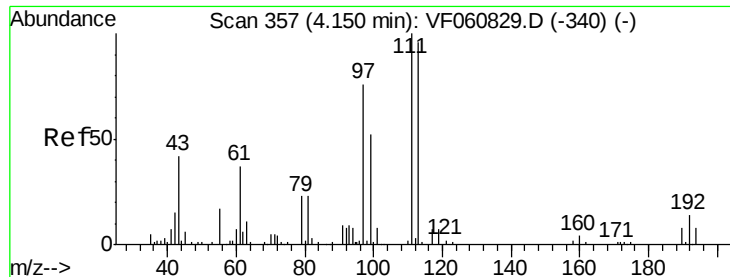
Tot Ion:113 Resp: 139556
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.0 124.6
 192 16.0 12.3 18.5



#36
 1,1-Dichloropropene
 Concen: 21.969 ug/l
 RT: 4.32 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Tgt Ion: 75 Resp: 86759
 Ion Ratio Lower Upper
 75 100
 110 30.8 15.6 46.8
 77 32.2 23.4 35.0

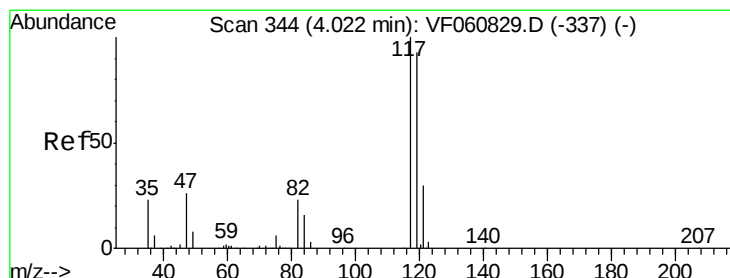
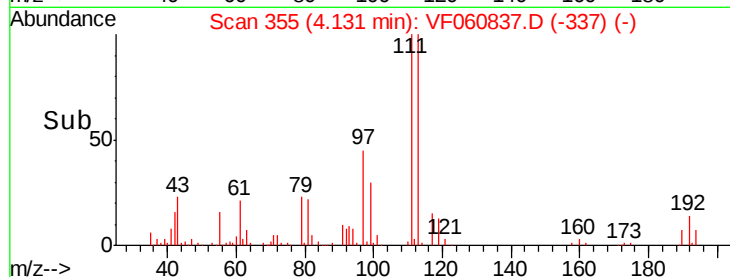
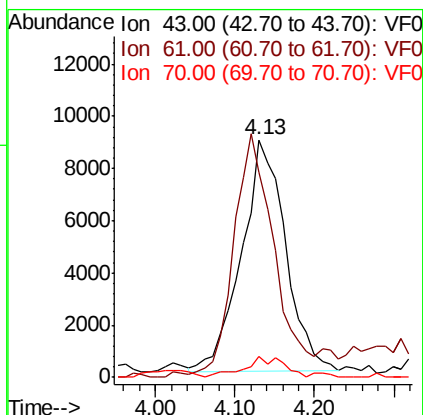
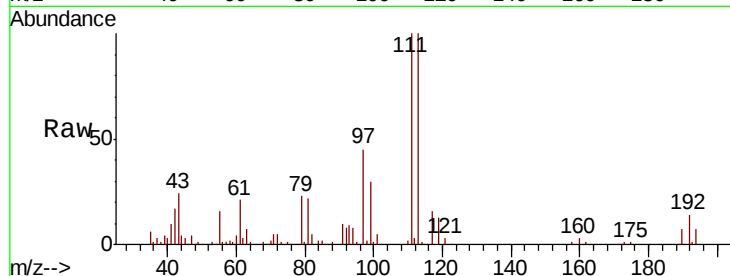




#37
Ethyl Acetate
Concen: 21.104 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

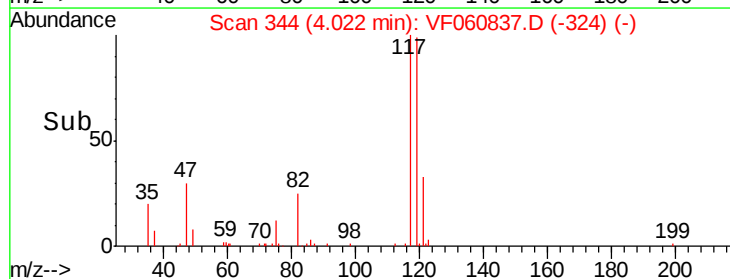
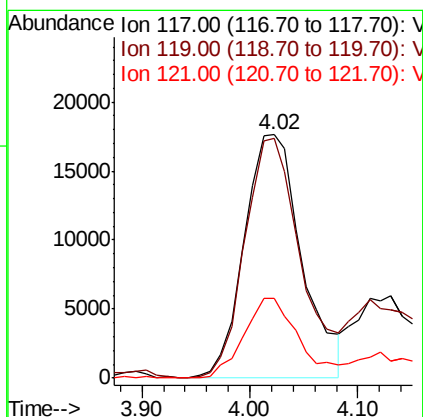
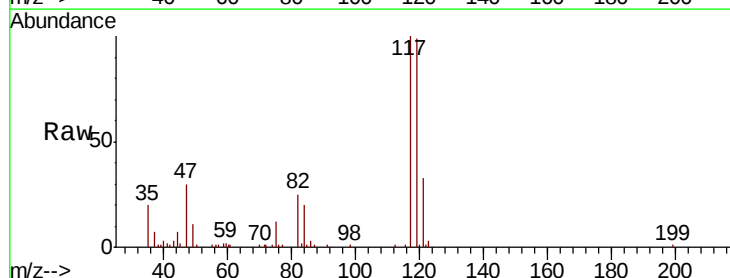
Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

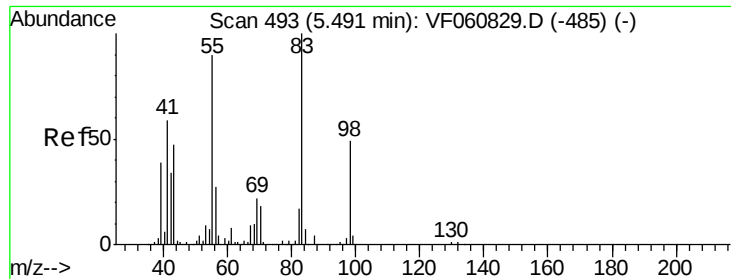
Tot Ion: 43 Resp: 33869
Ion Ratio Lower Upper
43 100
61 86.5 68.6 103.0
70 8.7 9.0 13.4#



#38
Carbon Tetrachloride
Concen: 18.697 ug/l
RT: 4.02 min Scan# 344
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion: 117 Resp: 65215
Ion Ratio Lower Upper
117 100
119 98.7 74.4 111.6
121 33.6 23.5 35.3

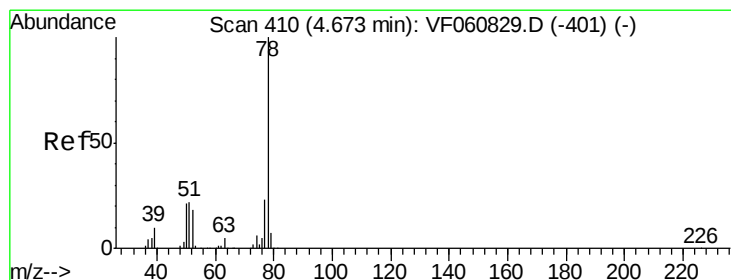
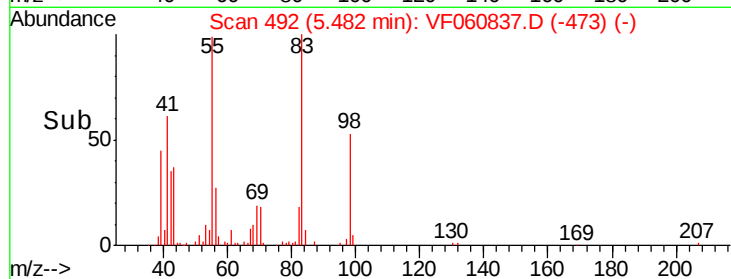
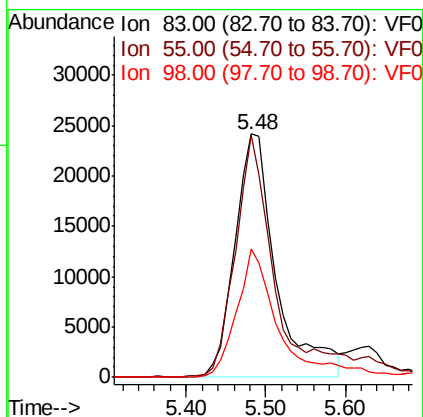
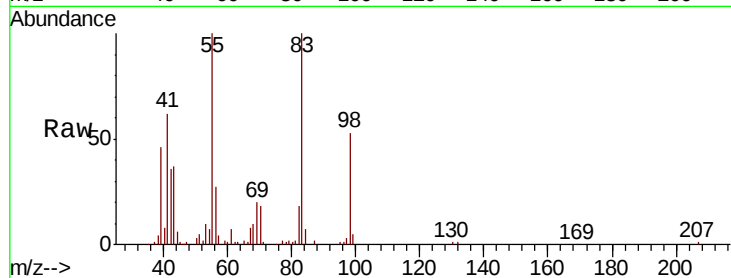




#39
Methvlcvclohexane
Concen: 21.205 ug/l
RT: 5.48 min Scan# 492
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

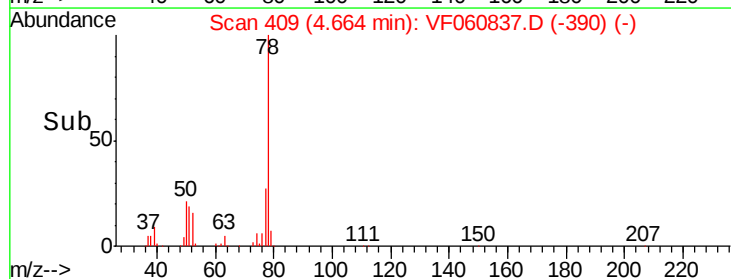
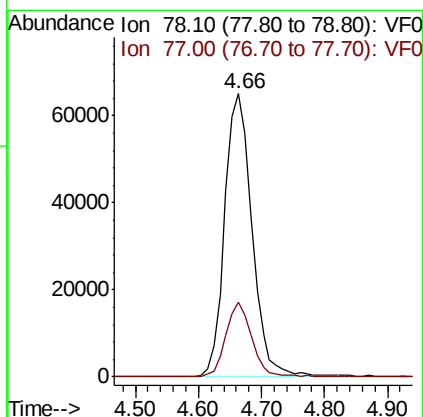
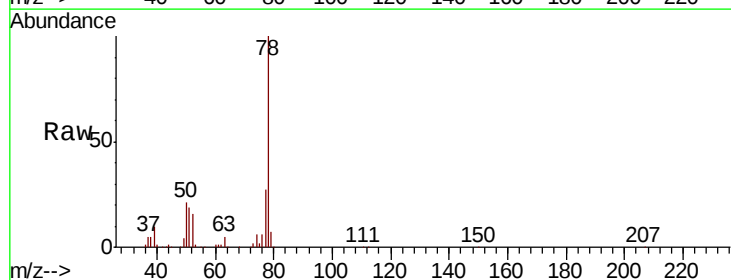
Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

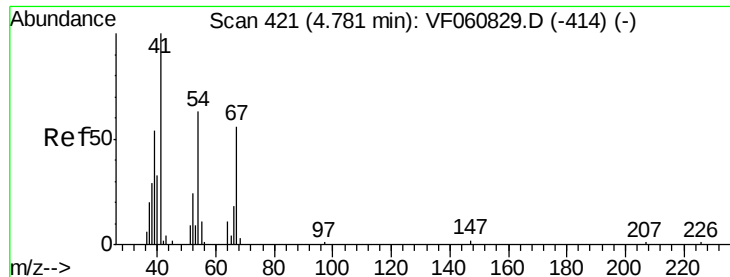
Tot Ion: 83 Resp: 87761
Ion Ratio Lower Upper
83 100
55 99.5 72.1 108.1
98 52.7 39.1 58.7



#40
Benzene
Concen: 22.478 ug/l
RT: 4.66 min Scan# 409
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion: 78 Resp: 196106
Ion Ratio Lower Upper
78 100
77 26.6 18.7 28.1

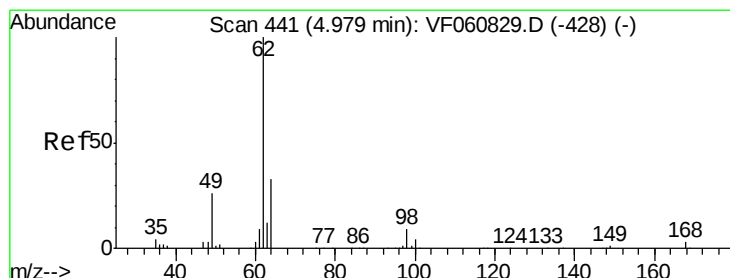
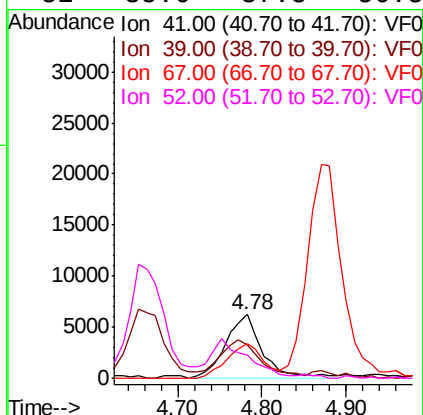
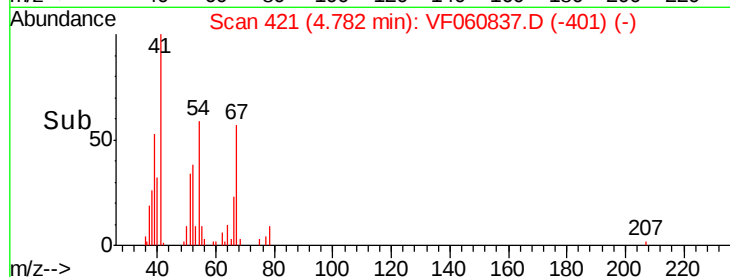
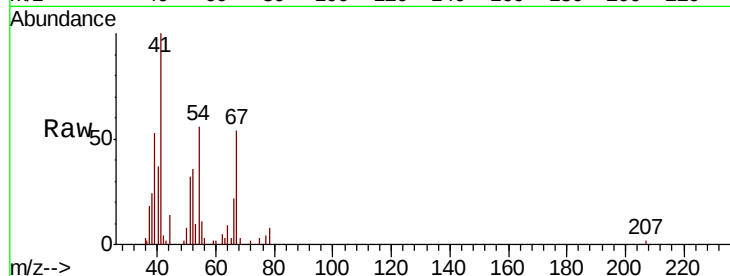




#41
Methacrylonitrile
Concen: 20.565 ug/l
RT: 4.78 min Scan# 421
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

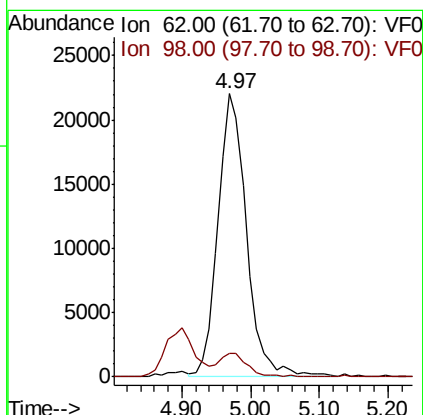
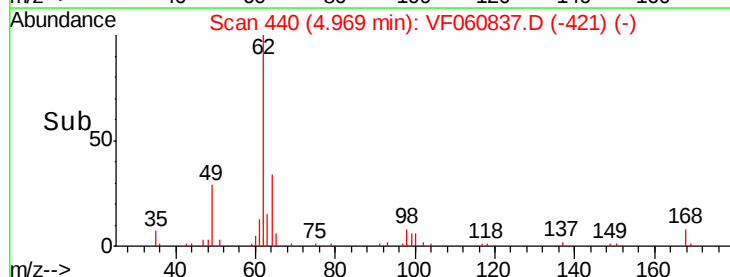
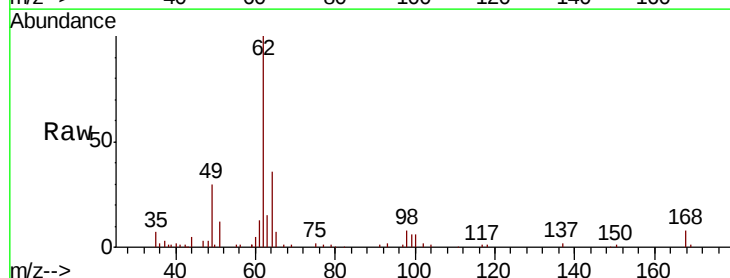
Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

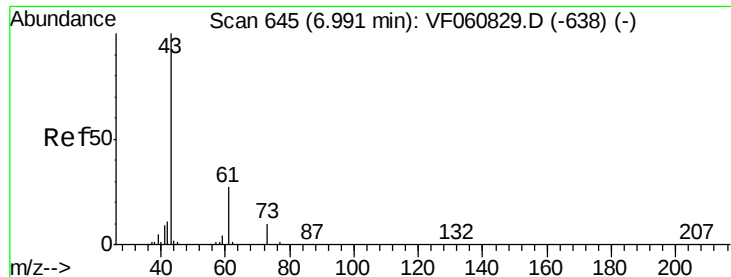
Tot Ion:	41	Resp:	18985
Ion	Ratio	Lower	Upper
41	100		
39	53.2	53.0	79.6
67	53.6	43.8	65.6
52	35.6	37.8	56.8#



#42
1,2-Dichloroethane
Concen: 19.895 ug/l
RT: 4.97 min Scan# 440
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion:	62	Resp:	63369
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





#43

Isopropyl Acetate

Concen: 19.718 ug/l

RT: 6.99 min Scan# 645

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

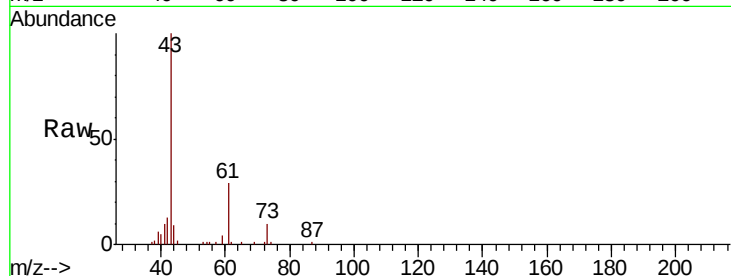
Tot Ion: 43 Resp: 42305

Ion Ratio Lower Upper

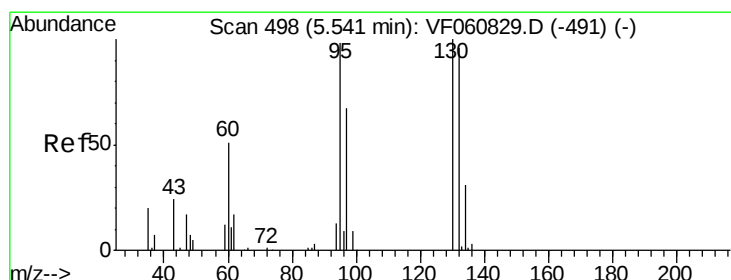
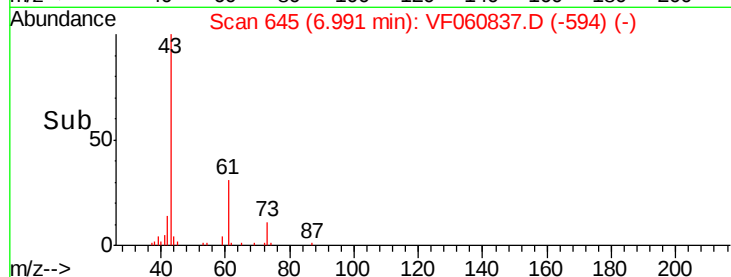
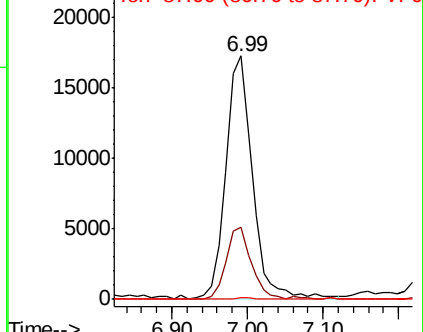
43 100

61 29.4 21.4 32.0

87 0.7 0.2 0.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 87.00 (86.70 to 87.70): VF0



#44

Trichloroethene

Concen: 22.003 ug/l

RT: 5.53 min Scan# 497

Delta R.T. -0.01 min

Lab File: VF060837.D

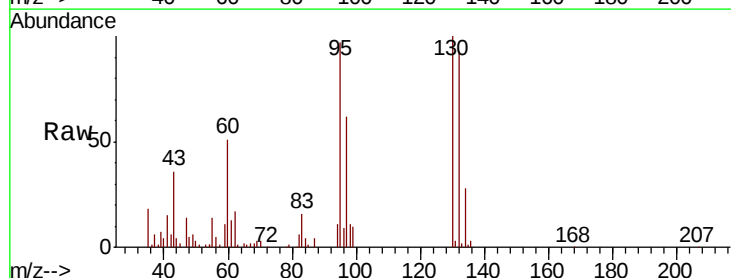
Acq: 27 Nov 2018 14:32

Tgt Ion:130 Resp: 62766

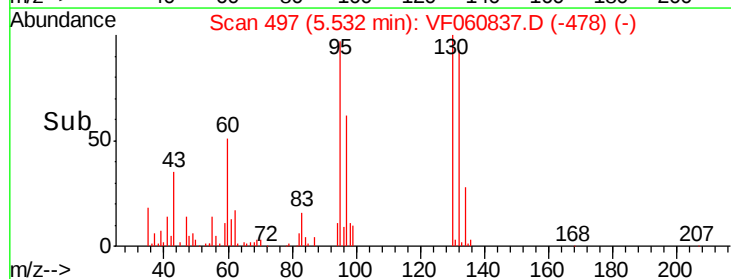
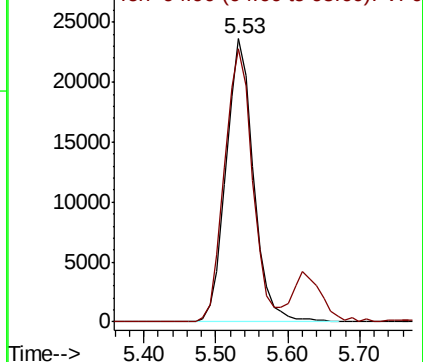
Ion Ratio Lower Upper

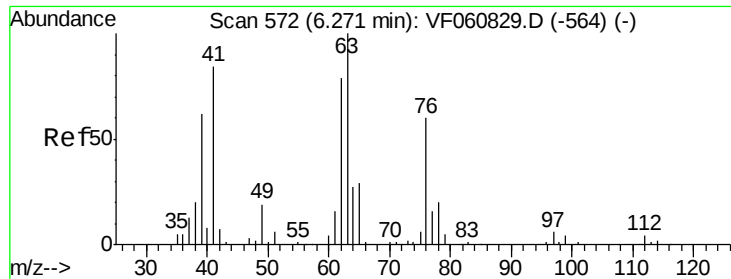
130 100

95 96.5 0.0 195.6



Abundance Ion 129.90 (129.60 to 130.60): V
Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 21.802 ug/l

RT: 6.27 min Scan# 572

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

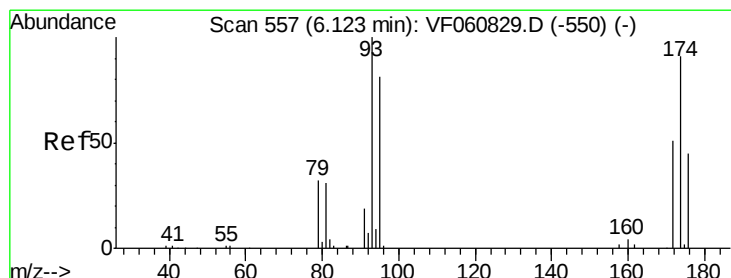
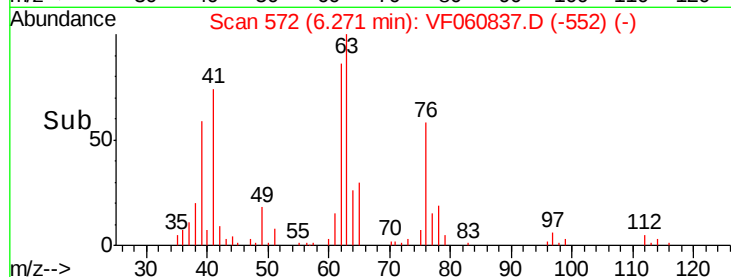
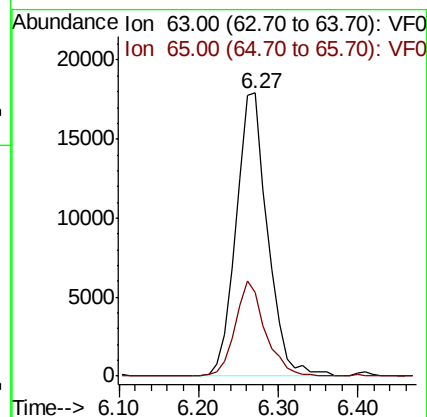
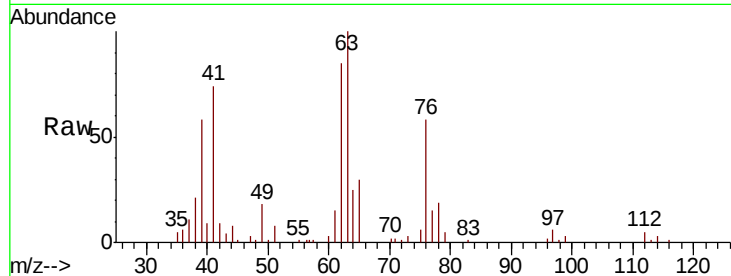
VF1127SBS01

Tot Ion: 63 Resp: 49400

Ion Ratio Lower Upper

63 100

65 29.6 23.2 34.8



#46

Dibromomethane

Concen: 20.486 ug/l

RT: 6.11 min Scan# 556

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

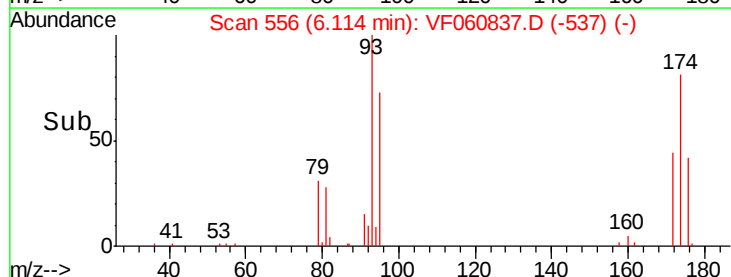
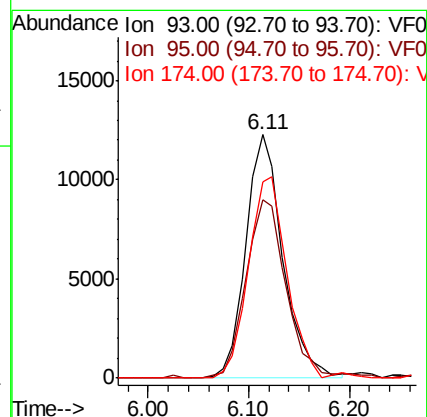
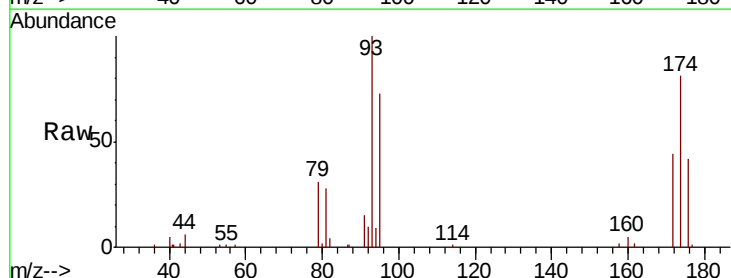
Tgt Ion: 93 Resp: 31488

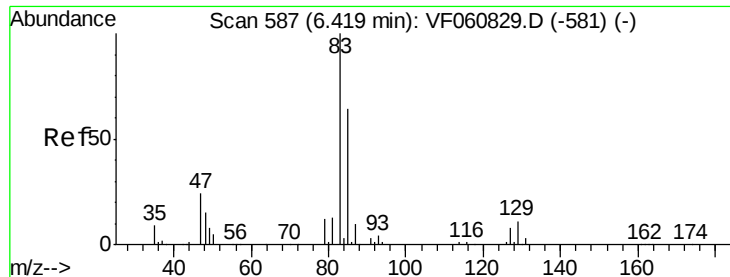
Ion Ratio Lower Upper

93 100

95 73.1 64.7 97.1

174 80.7 73.0 109.6





#47

Bromodichloromethane

Concen: 20.216 ug/l

RT: 6.42 min Scan# 587

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

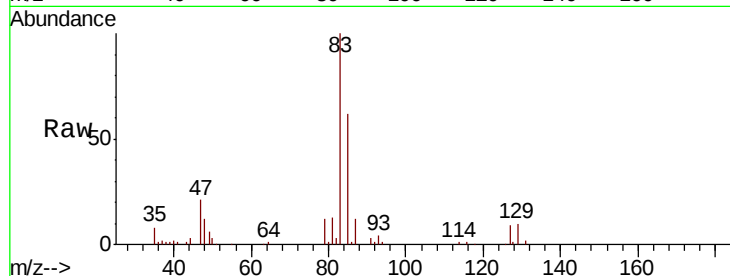
Tot Ion: 83 Resp: 82530

Ion Ratio Lower Upper

83 100

85 62.3 51.1 76.7

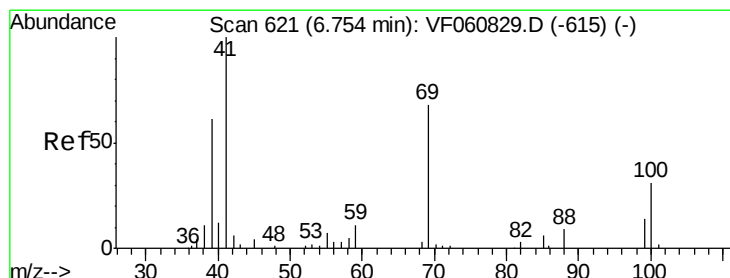
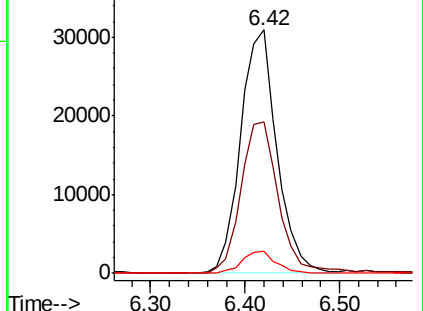
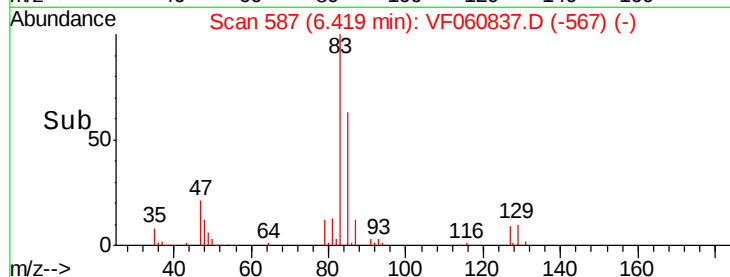
127 9.3 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 19.452 ug/l

RT: 6.74 min Scan# 620

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

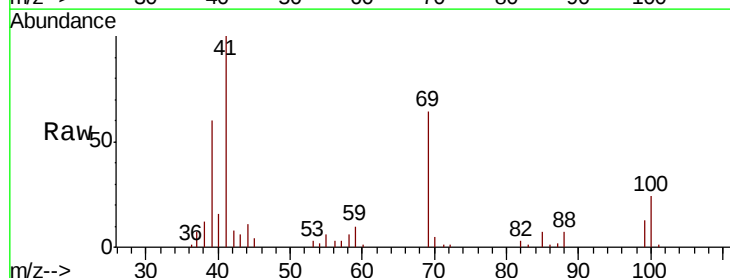
Tgt Ion: 41 Resp: 28257

Ion Ratio Lower Upper

41 100

69 63.5 53.9 80.9

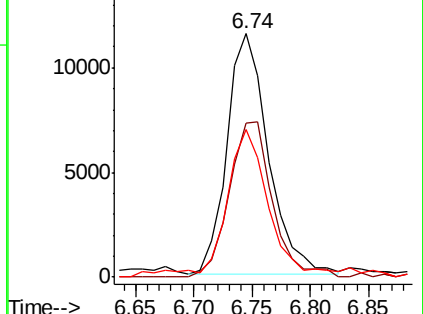
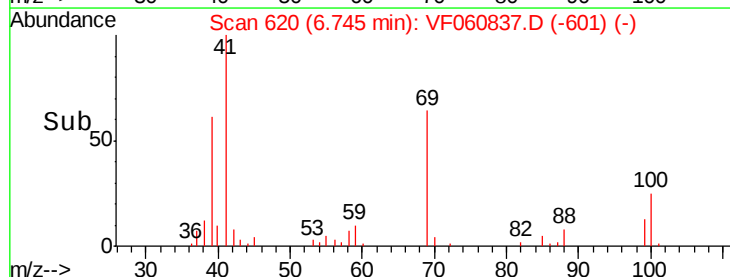
39 60.5 49.0 73.6

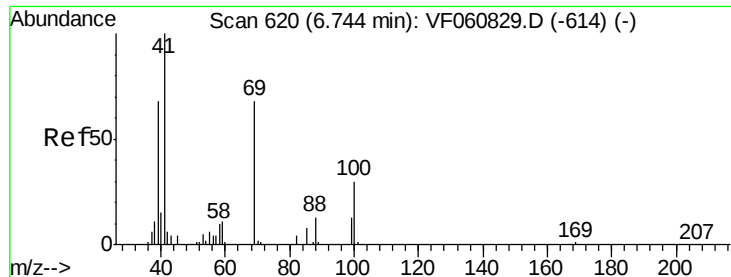


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

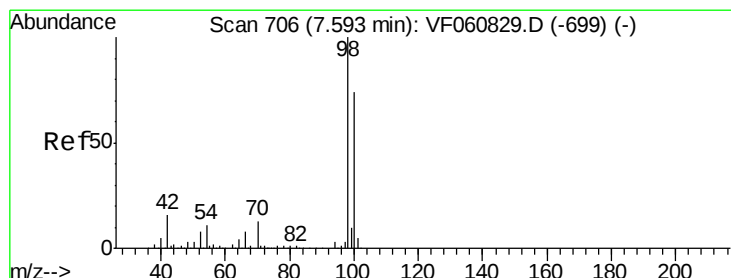
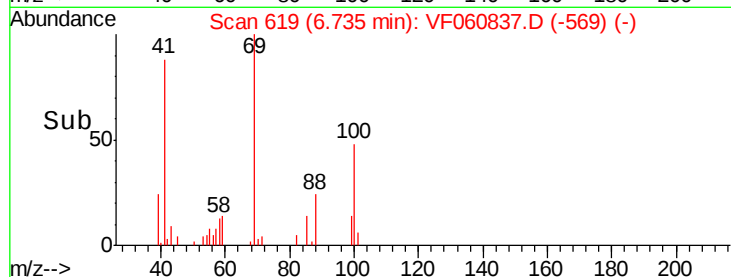
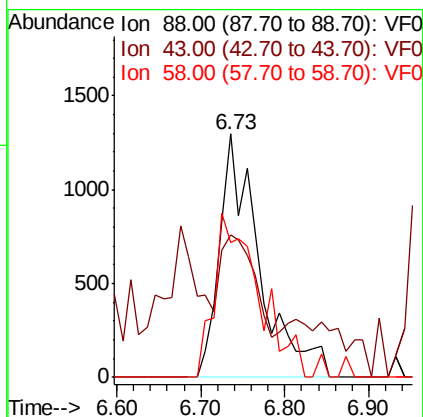
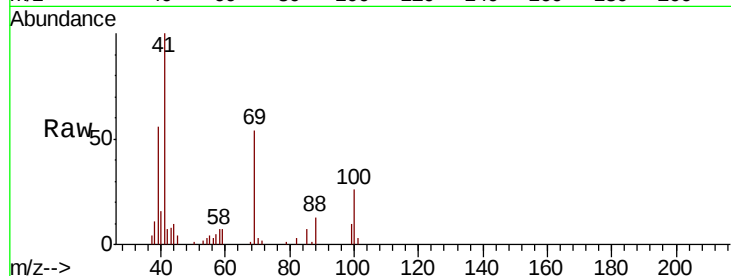




#49
1,4-Dioxane
Concen: 400.039 ug/l
RT: 6.73 min Scan# 619
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

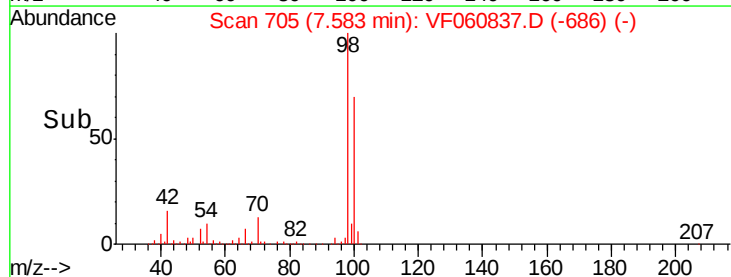
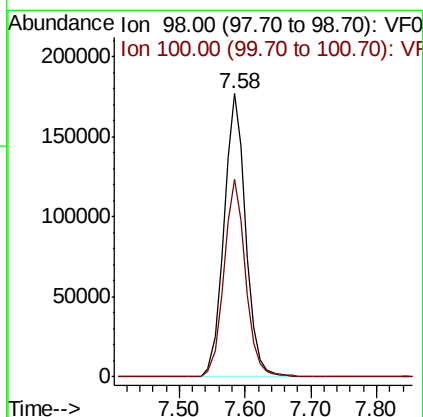
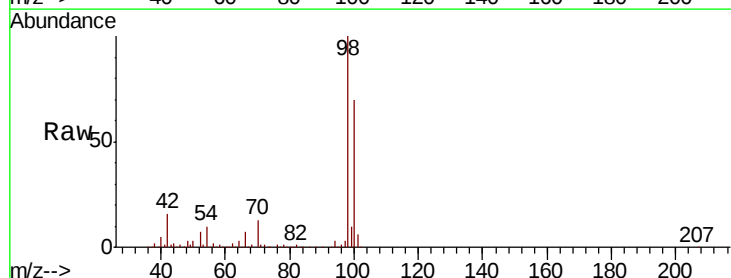
Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

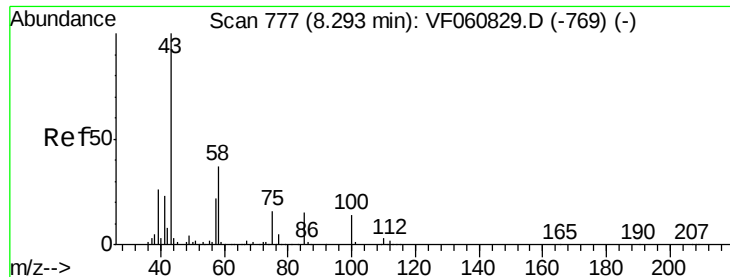
Tot Ion: 88 Resp: 4253
Ion Ratio Lower Upper
88 100
43 58.6 42.0 63.0
58 55.5 61.8 92.8#



#50
Toluene-d8
Concen: 49.141 ug/l
RT: 7.58 min Scan# 705
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion: 98 Resp: 408870
Ion Ratio Lower Upper
98 100
100 69.9 59.3 88.9





#51

4-Methyl-2-Pentanone

Concen: 101.473 ug/l

RT: 8.28 min Scan# 776

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

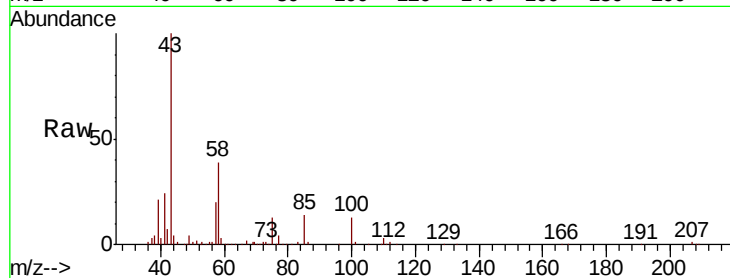
VF1127SBS01

Tot Ion: 43 Resp: 150170

Ion Ratio Lower Upper

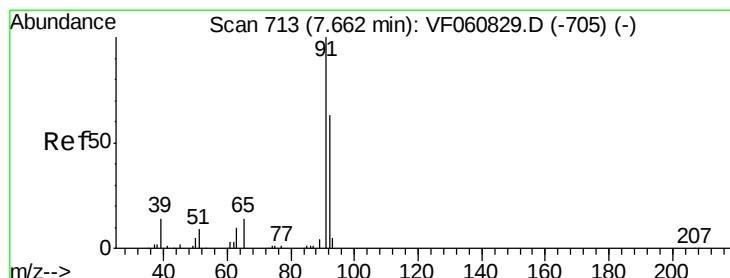
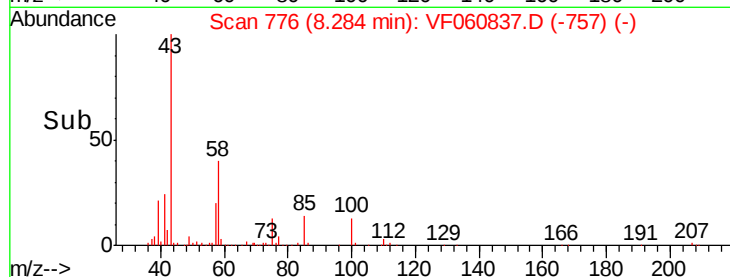
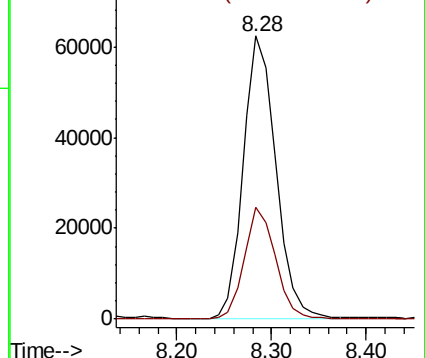
43 100

58 39.3 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 20.140 ug/l

RT: 7.65 min Scan# 712

Delta R.T. -0.01 min

Lab File: VF060837.D

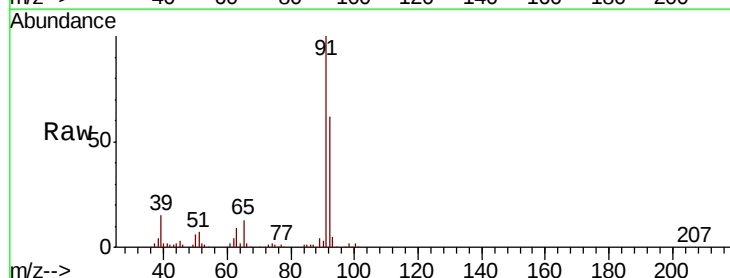
Acq: 27 Nov 2018 14:32

Tgt Ion: 92 Resp: 123423

Ion Ratio Lower Upper

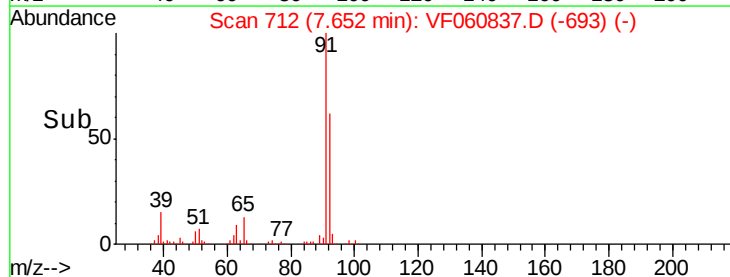
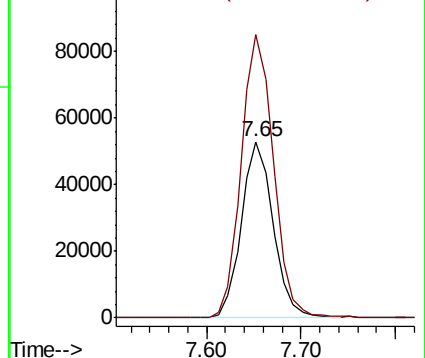
92 100

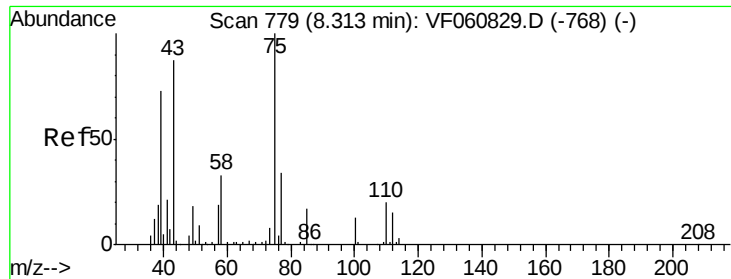
91 161.0 126.2 189.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

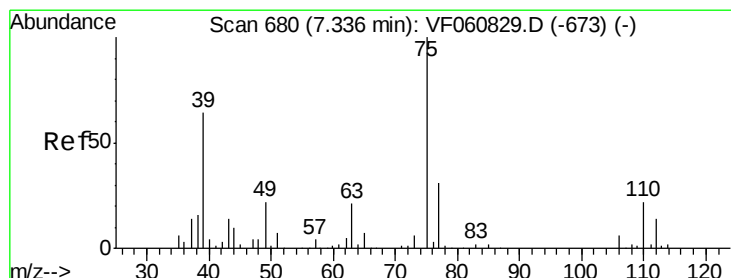
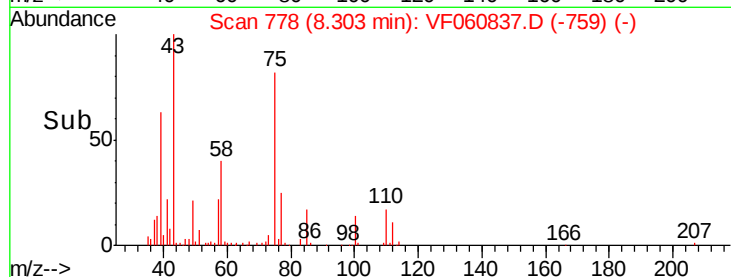
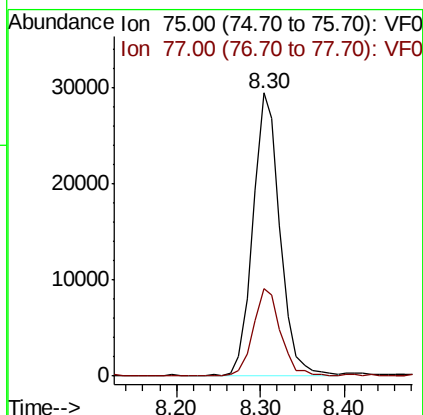
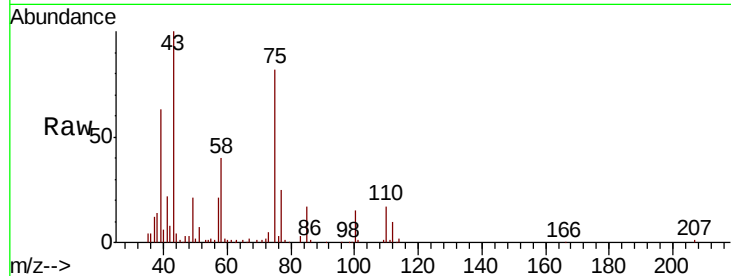




#53
 t-1,3-Dichloropropene
 Concen: 20.113 ug/l
 RT: 8.30 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

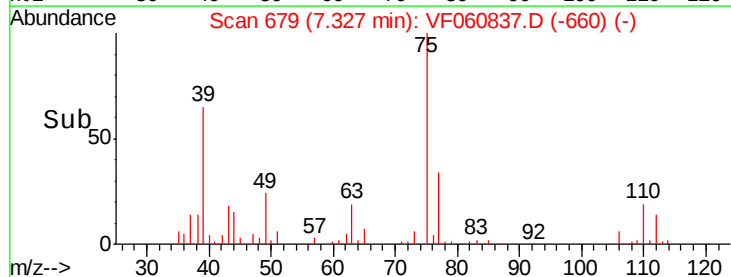
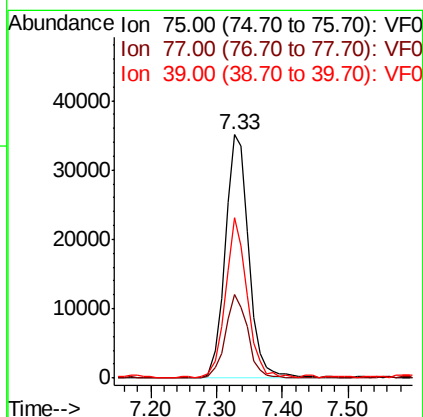
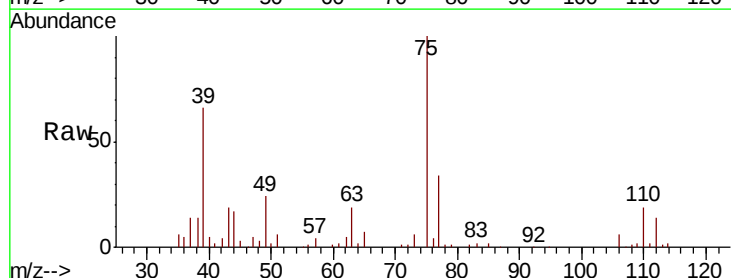
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

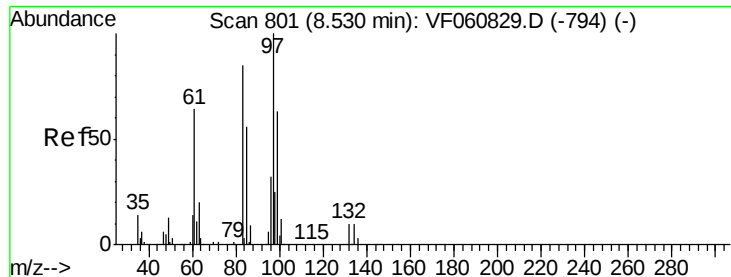
Tot Ion: 75 Resp: 66791
 Ion Ratio Lower Upper
 75 100
 77 30.9 27.4 41.2



#54
 cis-1,3-Dichloropropene
 Concen: 21.397 ug/l
 RT: 7.33 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Tgt Ion: 75 Resp: 87964
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.0 37.6
 39 65.8 51.1 76.7





#55

1,1,2-Trichloroethane

Concen: 19.367 ug/l

RT: 8.52 min Scan# 800

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

Tot Ion: 97 Resp: 34583

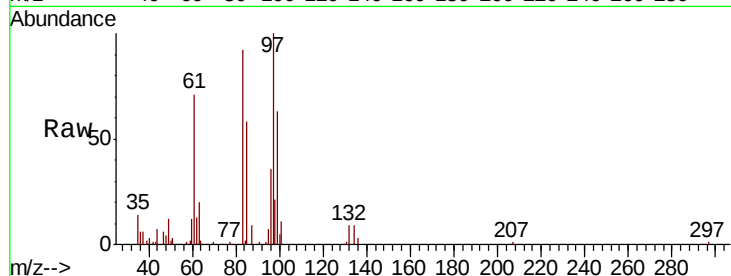
Ion Ratio Lower Upper

97 100

83 91.8 67.8 101.6

85 57.7 45.0 67.6

99 63.5 50.5 75.7

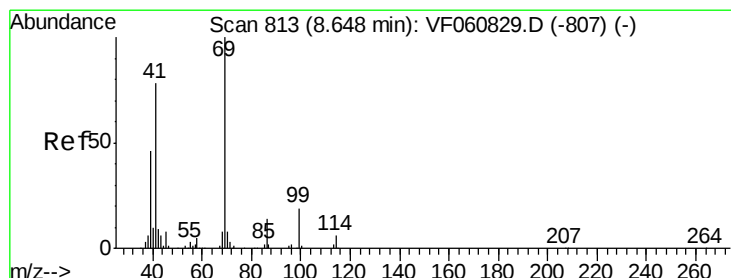
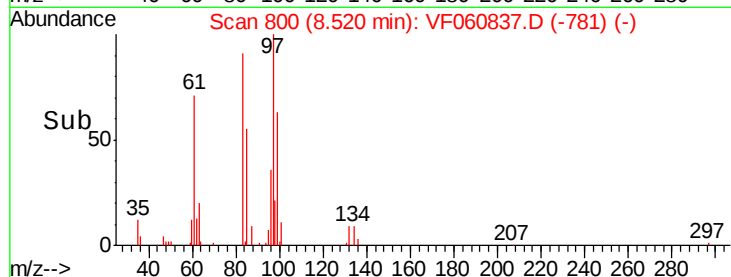
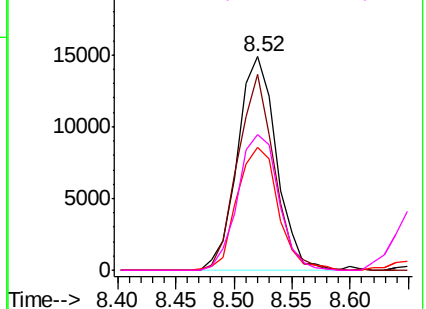


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 19.528 ug/l

RT: 8.65 min Scan# 813

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

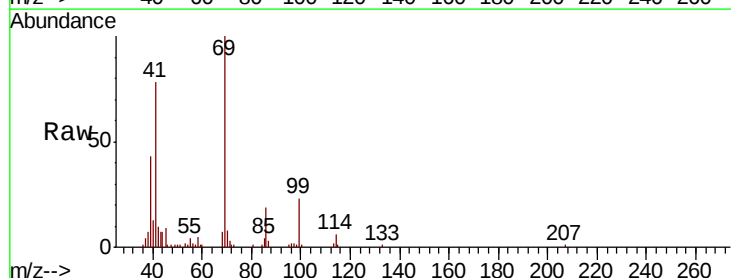
Tgt Ion: 69 Resp: 38736

Ion Ratio Lower Upper

69 100

41 77.6 62.6 94.0

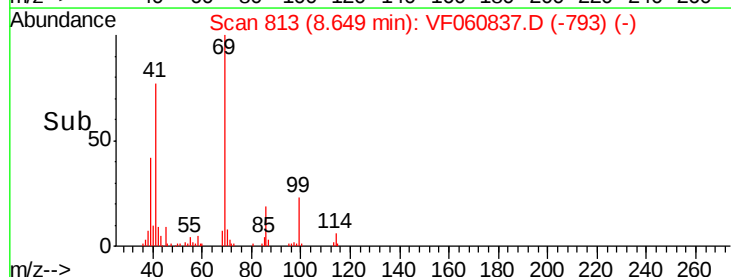
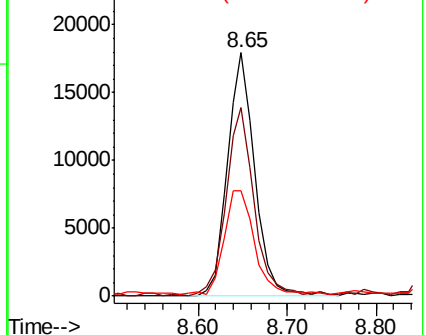
39 43.1 37.8 56.6

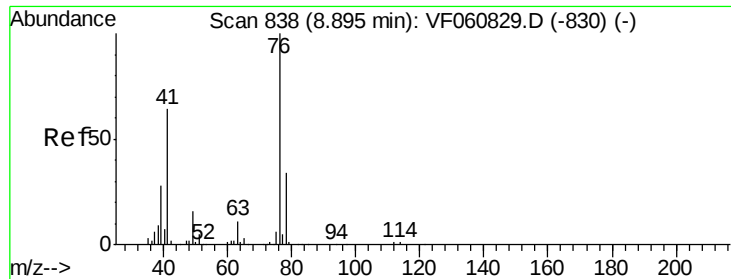


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

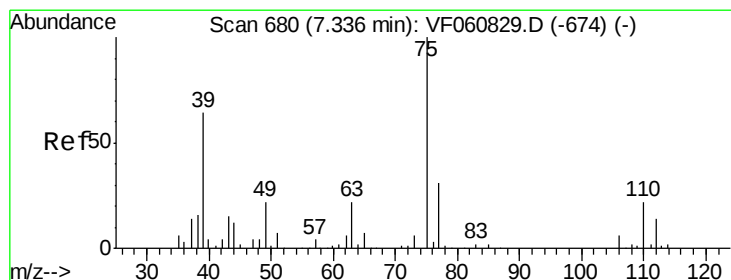
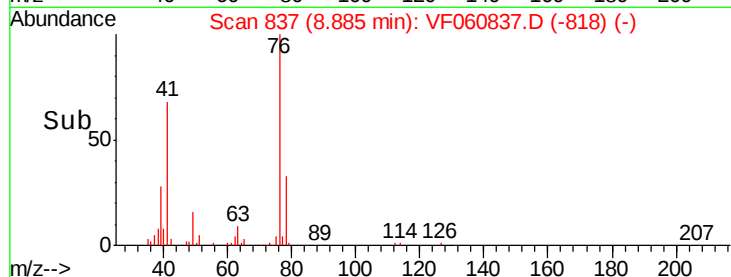
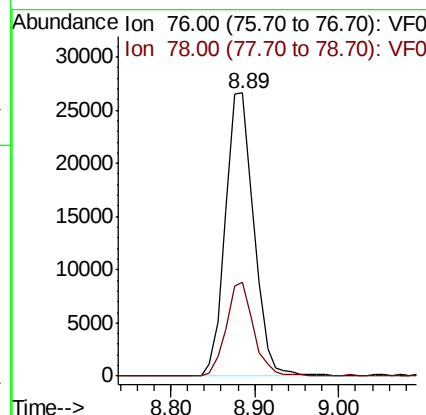
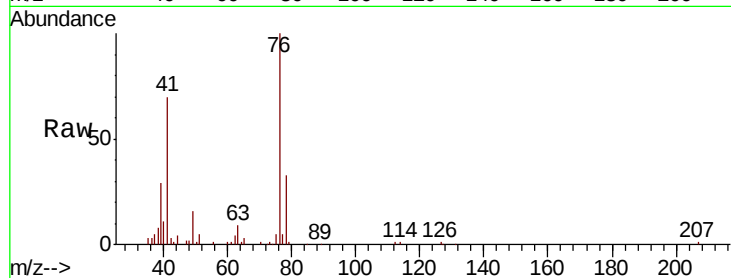




#57
 1,3-Dichloropropane
 Concen: 19.944 ug/l
 RT: 8.89 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

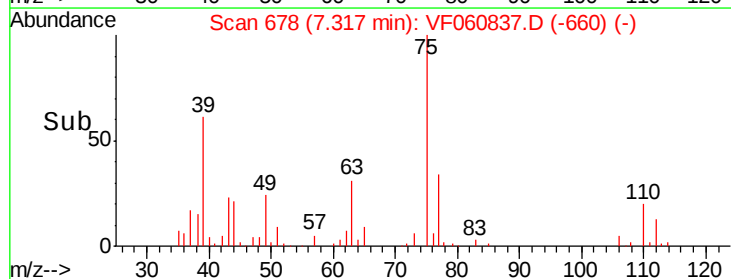
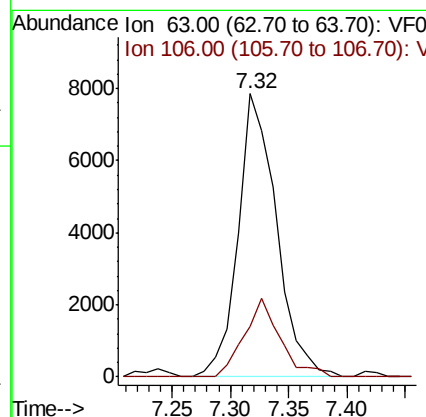
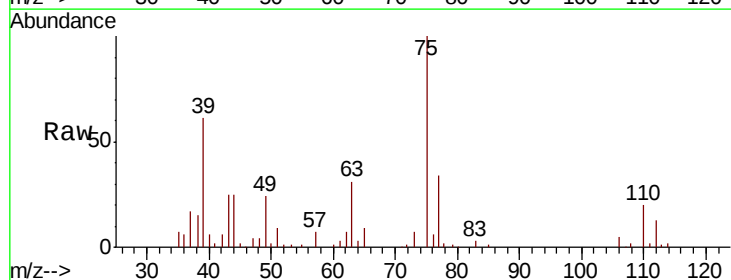
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

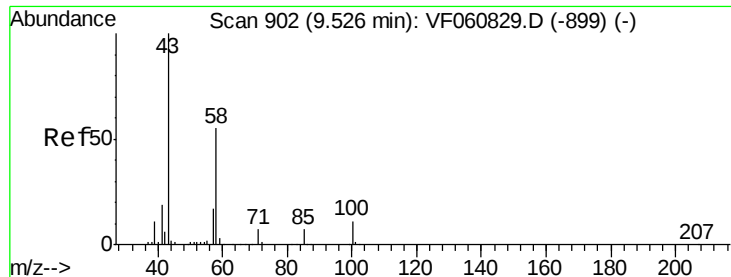
Tot Ion: 76 Resp: 62308
 Ion Ratio Lower Upper
 76 100
 78 33.3 27.0 40.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.379 ug/l
 RT: 7.32 min Scan# 678
 Delta R.T. -0.02 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Tgt Ion: 63 Resp: 17932
 Ion Ratio Lower Upper
 63 100
 106 17.7 23.0 34.6#

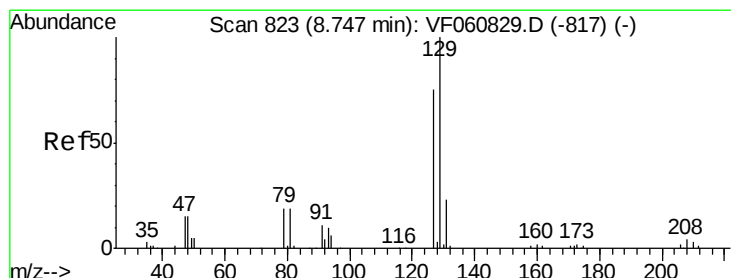
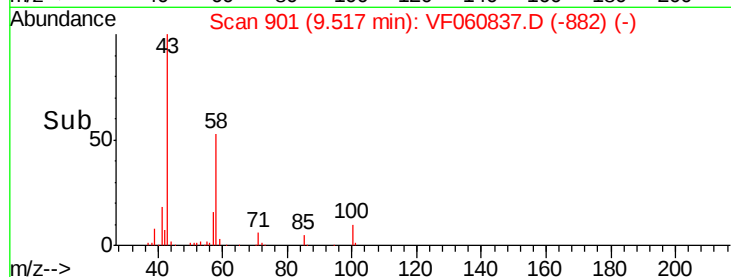
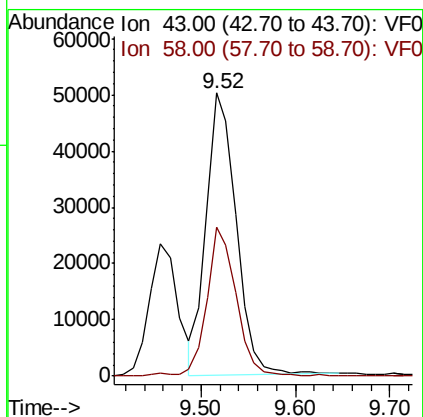
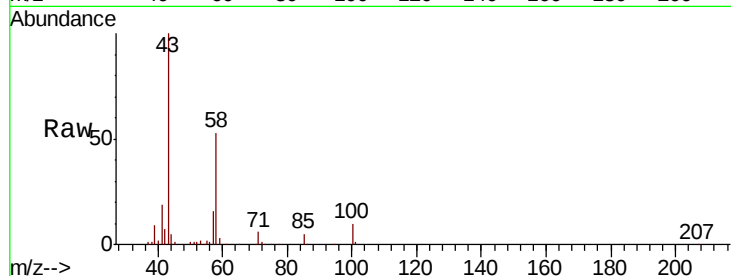




#59
2-Hexanone
Concen: 106.877 ug/l
RT: 9.52 min Scan# 901
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

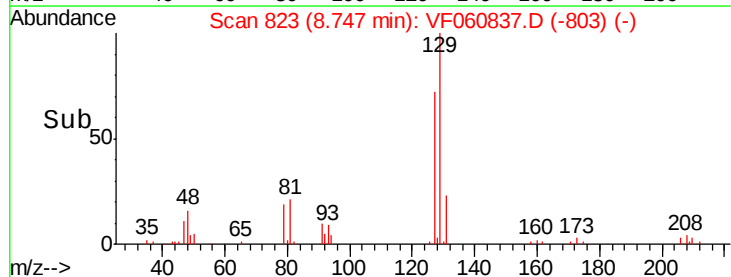
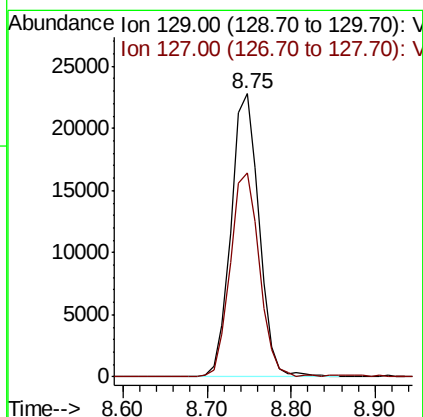
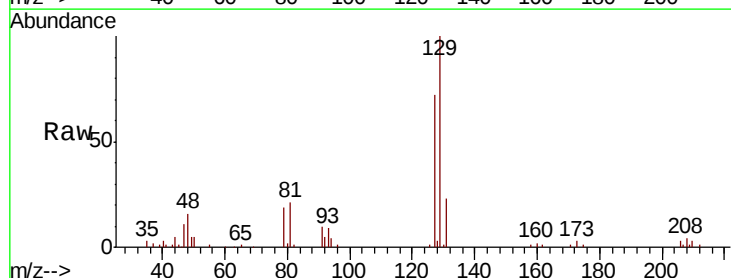
Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

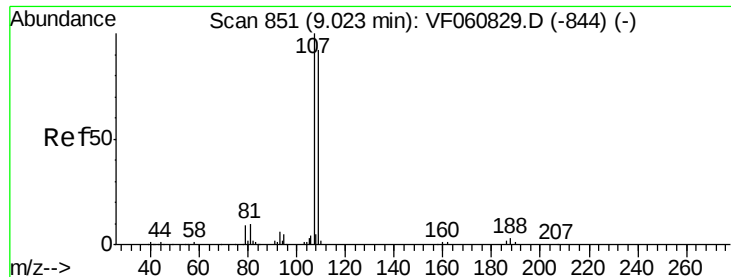
Tot Ion: 43 Resp: 110964
Ion Ratio Lower Upper
43 100
58 52.7 25.6 76.6



#60
Dibromochloromethane
Concen: 19.865 ug/l
RT: 8.75 min Scan# 823
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion:129 Resp: 52852
Ion Ratio Lower Upper
129 100
127 71.9 37.3 111.9





#61

1,2-Dibromoethane

Concen: 20.614 ug/l

RT: 9.01 min Scan# 850

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

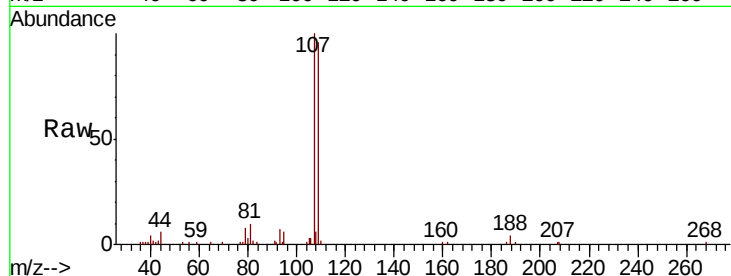
VF1127SBS01

Tot Ion:107 Resp: 39765

Ion Ratio Lower Upper

107 100

109 96.4 73.6 110.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

20000

15000

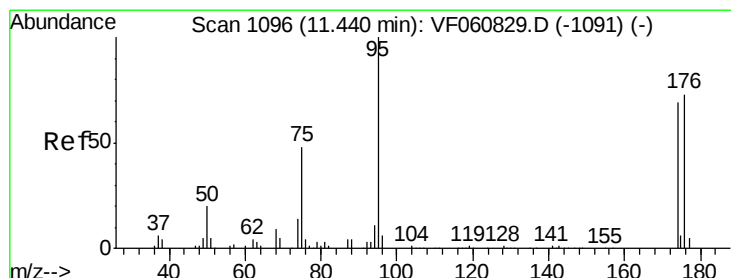
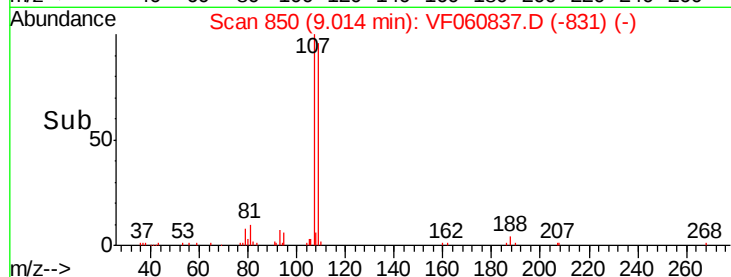
10000

5000

0

Time-->

8.90 9.01 9.10 9.20



#62

4-Bromofluorobenzene

Concen: 48.715 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

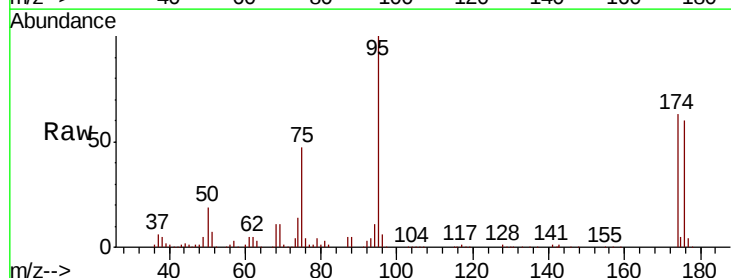
Tgt Ion: 95 Resp: 184217

Ion Ratio Lower Upper

95 100

174 63.4 0.0 138.2

176 60.4 0.0 146.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

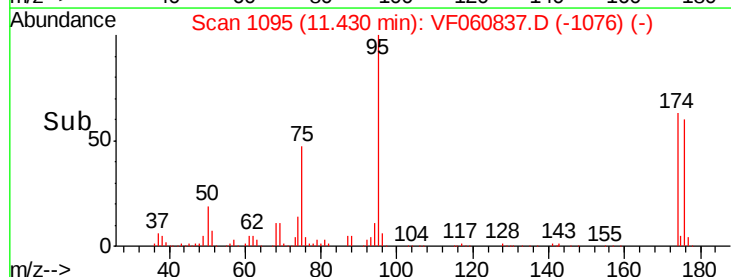
100000

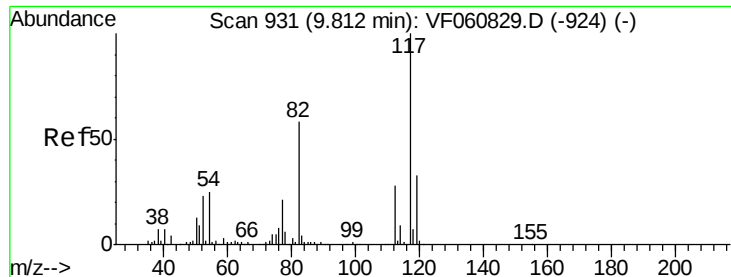
50000

0

Time-->

11.30 11.43 11.50 11.60

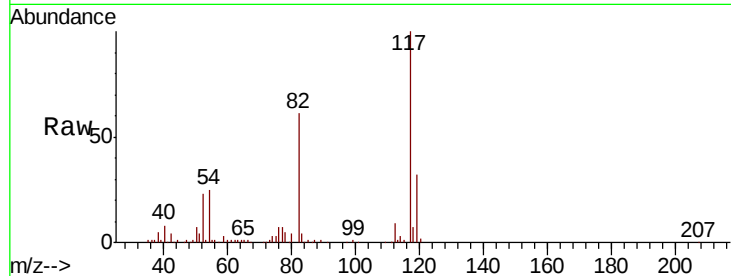




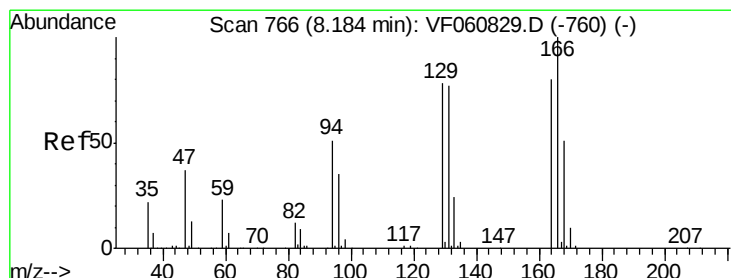
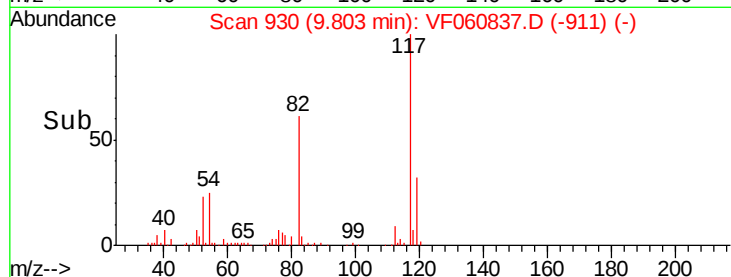
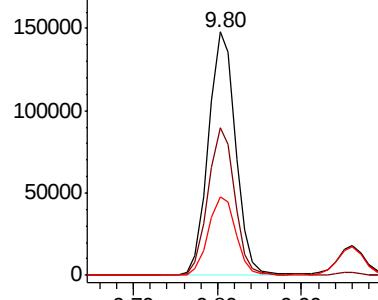
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tot Ion:117 Resp: 334485
Ion Ratio Lower Upper
117 100
82 60.8 46.6 69.8
119 32.3 26.4 39.6

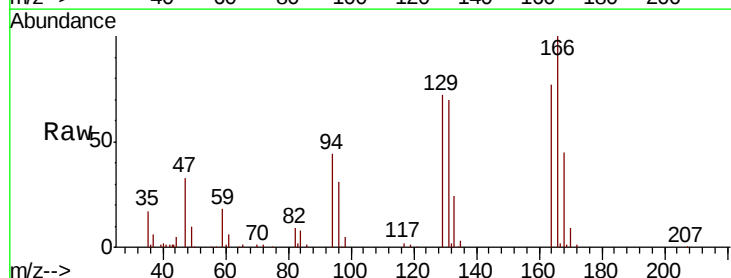


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

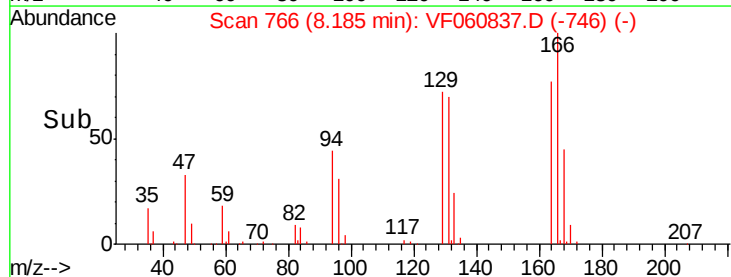
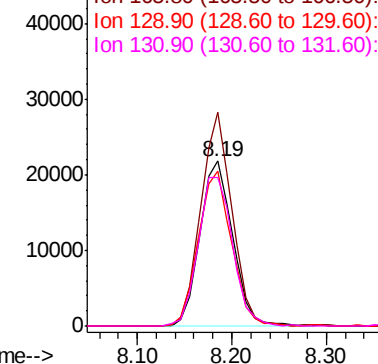


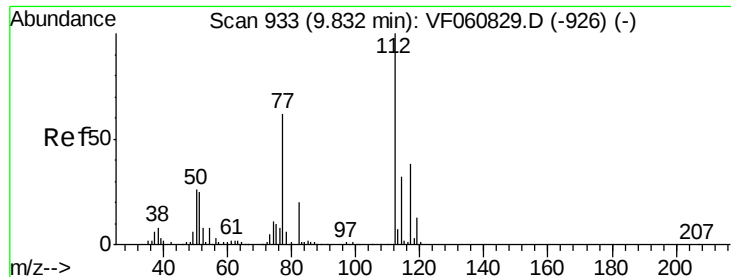
#64
Tetrachloroethene
Concen: 20.326 ug/l
RT: 8.19 min Scan# 766
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion:164 Resp: 51928
Ion Ratio Lower Upper
164 100
166 129.7 100.3 150.5
129 93.9 77.9 116.9
131 90.5 77.5 116.3



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

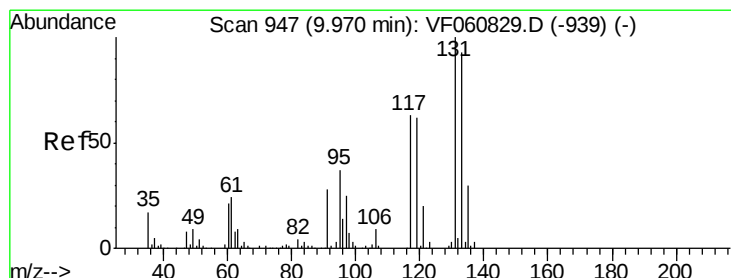
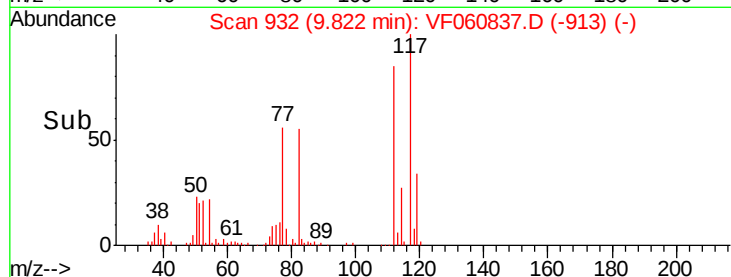
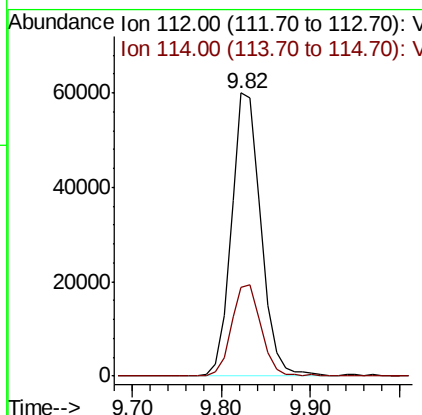
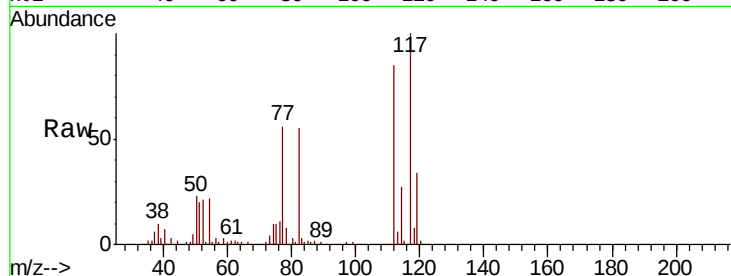




#65
Chlorobenzene
Concen: 21.323 ug/l
RT: 9.82 min Scan# 932
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

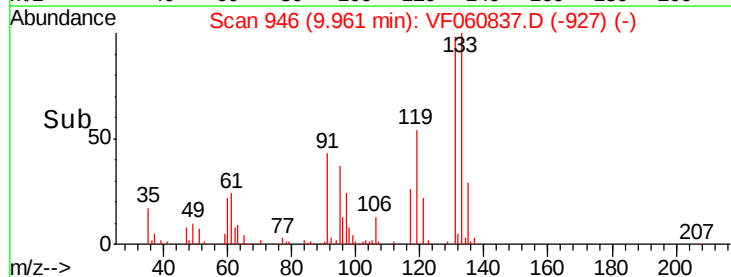
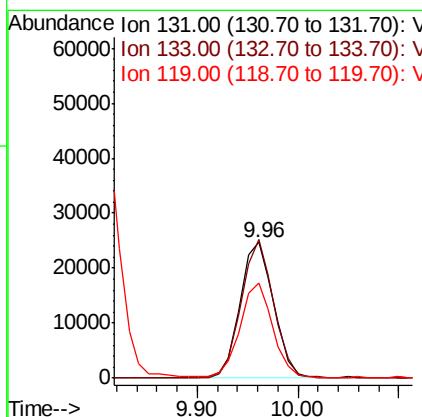
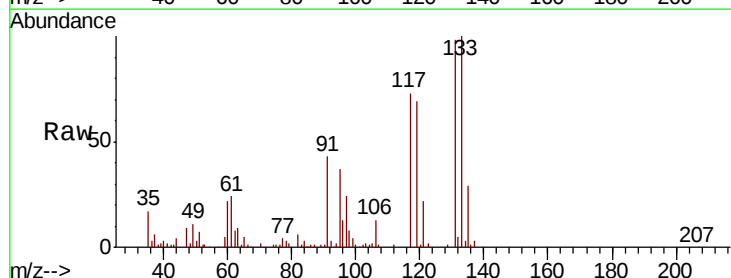
Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

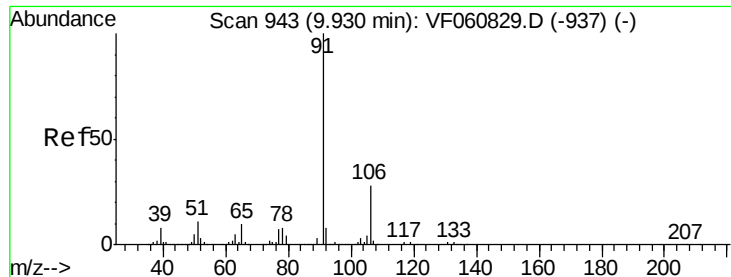
Tot Ion:112 Resp: 138747
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.472 ug/l
RT: 9.96 min Scan# 946
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion:131 Resp: 57269
Ion Ratio Lower Upper
131 100
133 102.1 46.5 139.3
119 70.4 31.1 93.3

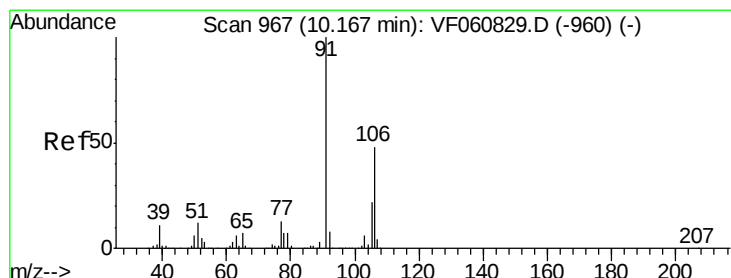
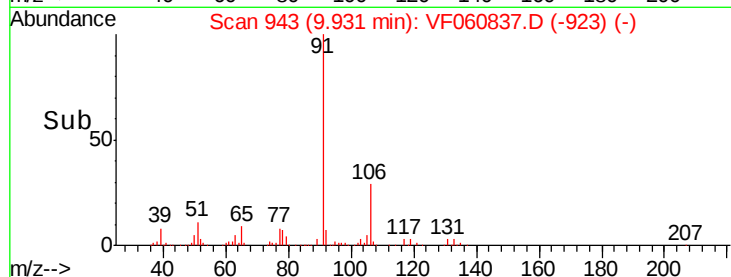
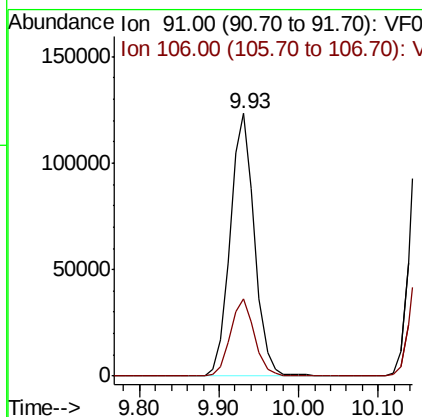
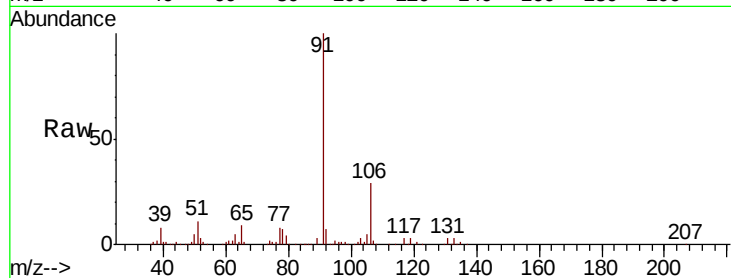




#67
Ethyl Benzene
Concen: 21.740 ug/l
RT: 9.93 min Scan# 943
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

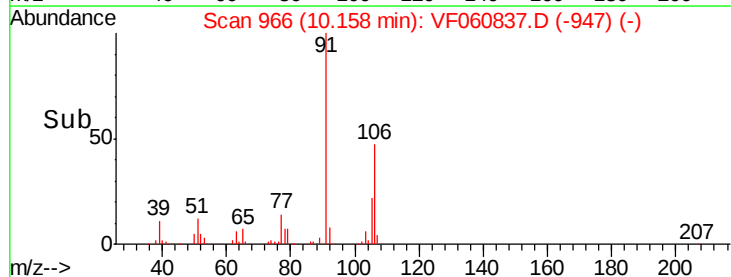
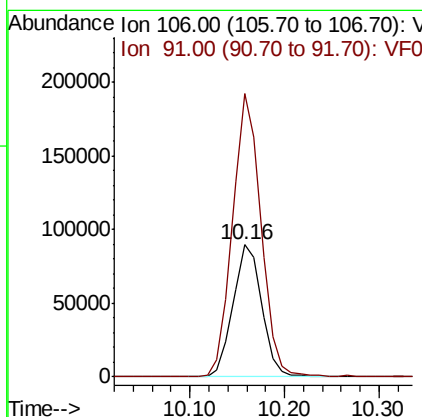
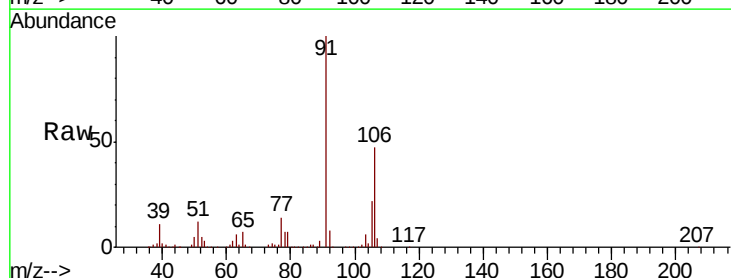
Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

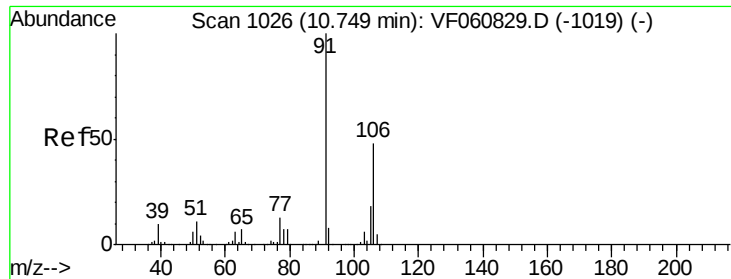
Tot Ion: 91 Resp: 263357
Ion Ratio Lower Upper
91 100
106 29.3 22.2 33.2



#68
m/p-Xylenes
Concen: 43.509 ug/l
RT: 10.16 min Scan# 966
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion: 106 Resp: 189566
Ion Ratio Lower Upper
106 100
91 214.0 166.7 250.1

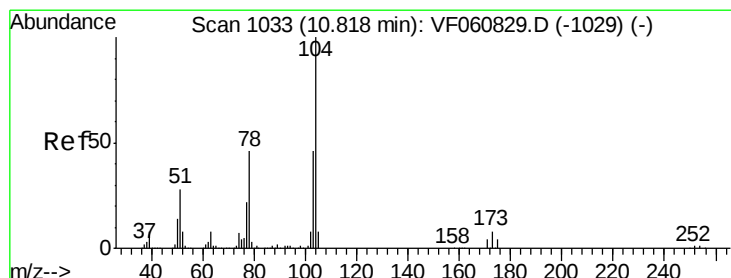
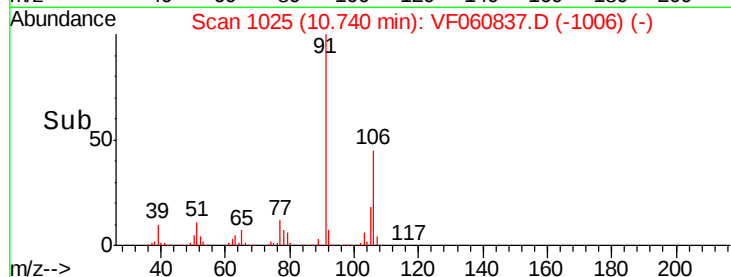
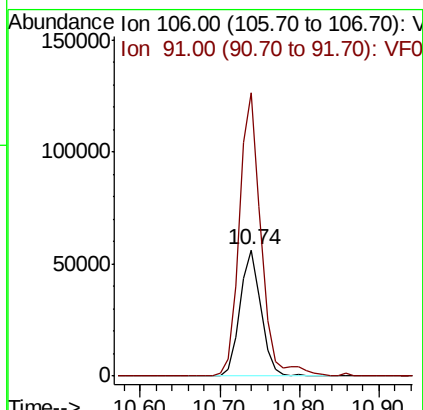
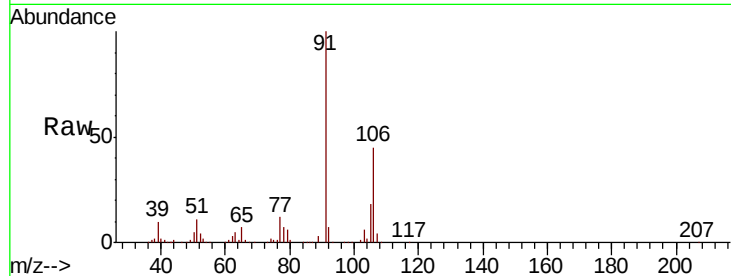




#69
o-Xylene
Concen: 21.541 ug/l
RT: 10.74 min Scan# 1025
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

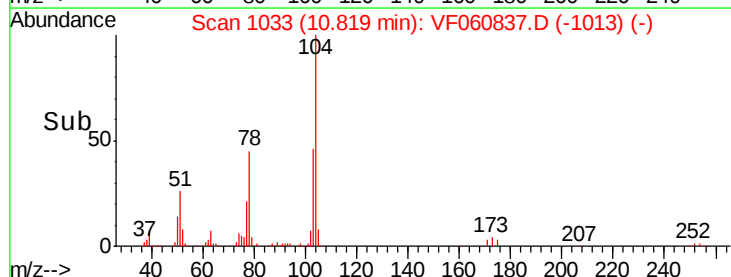
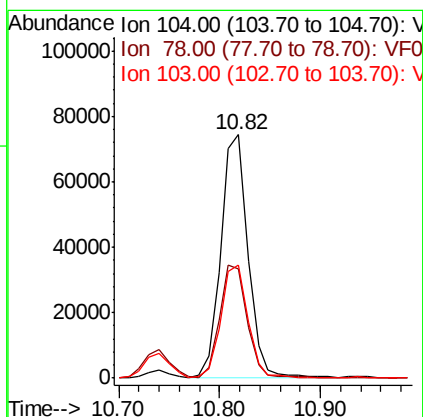
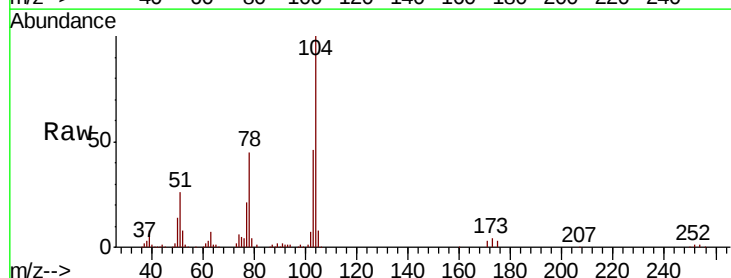
Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

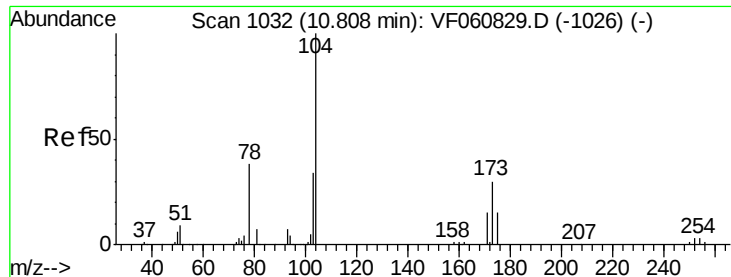
Tot Ion:106 Resp: 103495
Ion Ratio Lower Upper
106 100
91 223.9 104.8 314.6



#70
Styrene
Concen: 20.962 ug/l
RT: 10.82 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion:104 Resp: 139610
Ion Ratio Lower Upper
104 100
78 44.9 37.3 55.9
103 46.3 36.8 55.2





#71

Bromoform

Concen: 19.778 ug/l

RT: 10.80 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

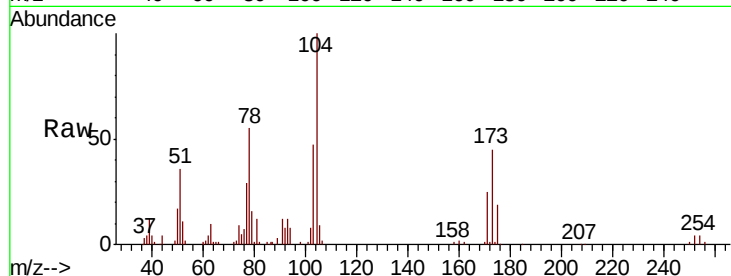
Tot Ion:173 Resp: 26724

Ion Ratio Lower Upper

173 100

175 42.8 25.5 76.5

254 8.8 7.5 11.3

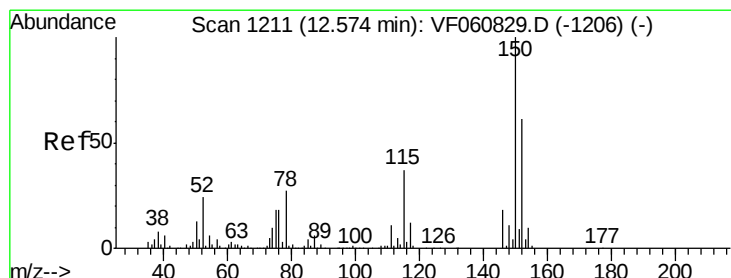
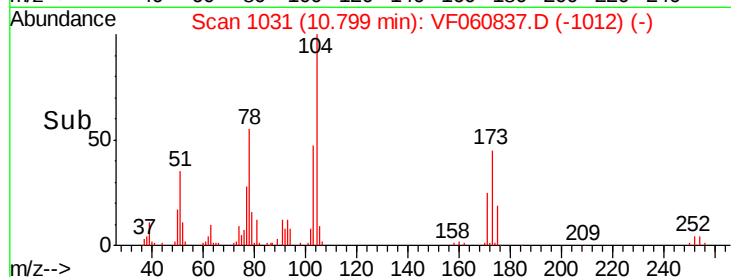
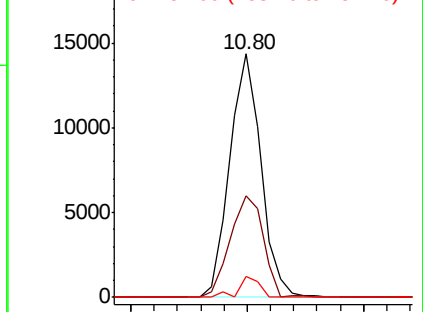


Abundance

Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.57 min Scan# 1211

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

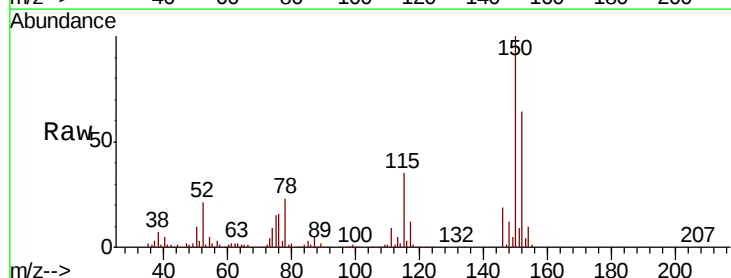
Tgt Ion:152 Resp: 173940

Ion Ratio Lower Upper

152 100

115 55.3 30.1 90.5

150 156.1 0.0 327.6

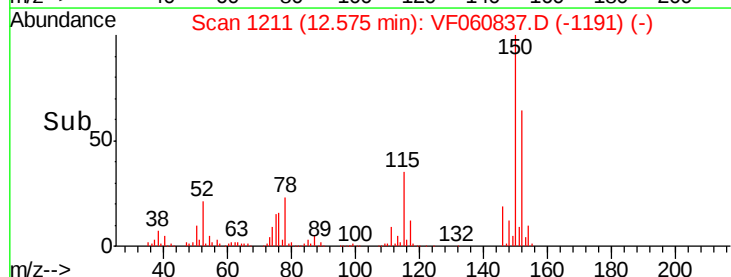
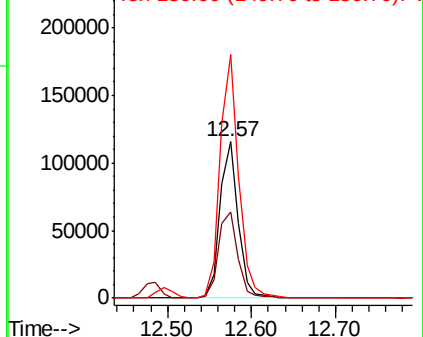


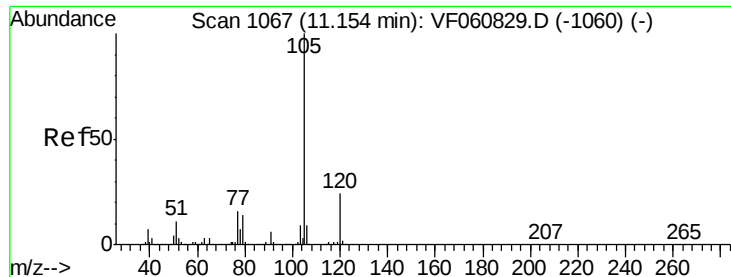
Abundance

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: 21.992 ug/l

RT: 11.14 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

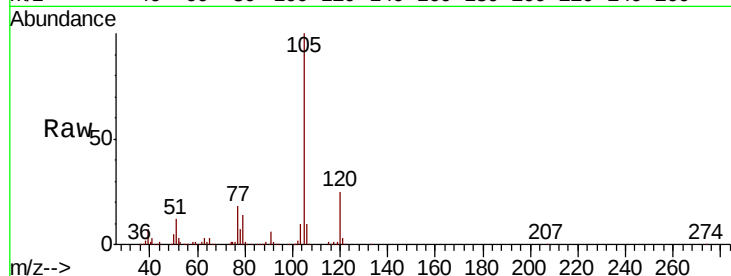
VF1127SBS01

Tot Ion:105 Resp: 302299

Ion Ratio Lower Upper

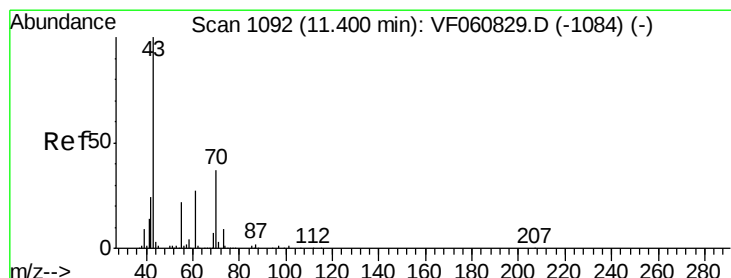
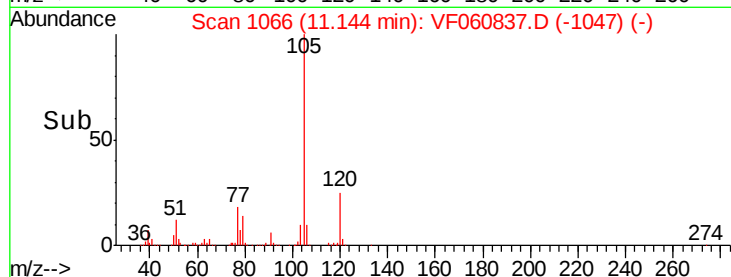
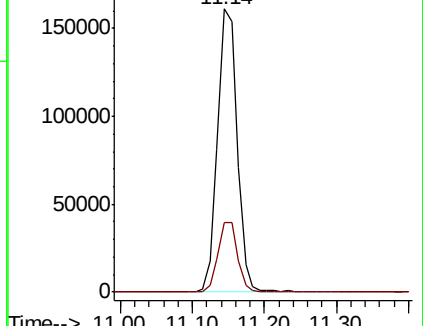
105 100

120 24.8 12.2 36.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.584 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion: 43 Resp: 68509

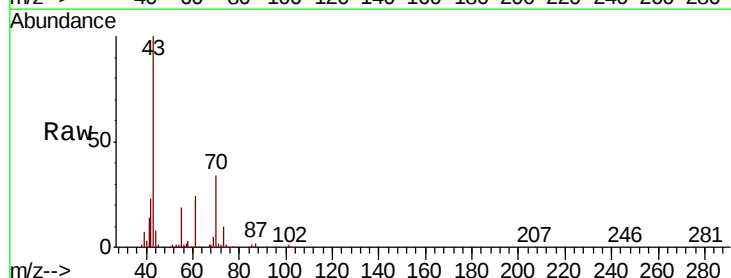
Ion Ratio Lower Upper

43 100

70 34.1 29.6 44.4

55 19.3 17.2 25.8

61 24.5 21.8 32.6

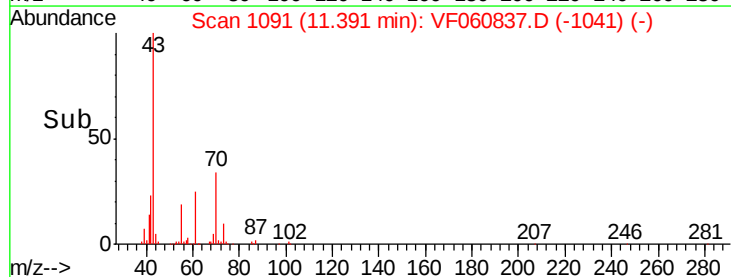
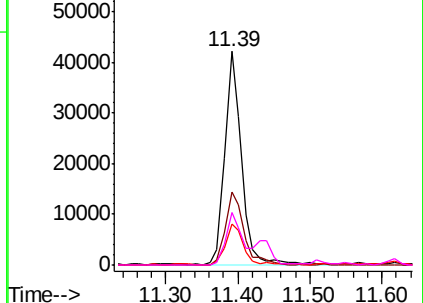


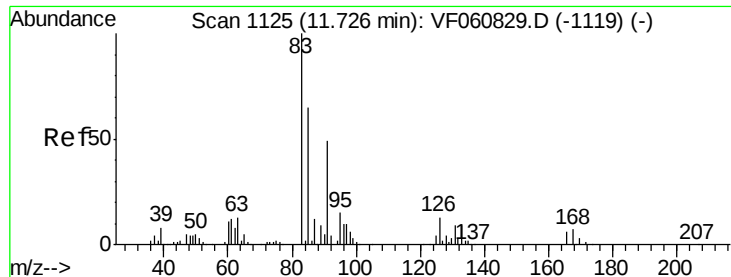
Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 21.041 ug/l

RT: 11.72 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

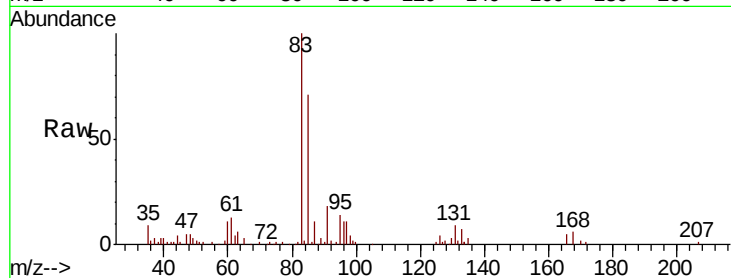
Tot Ion: 83 Resp: 47599

Ion Ratio Lower Upper

83 100

131 8.9 4.7 14.1

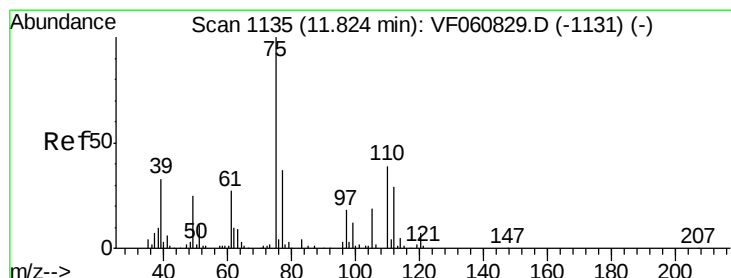
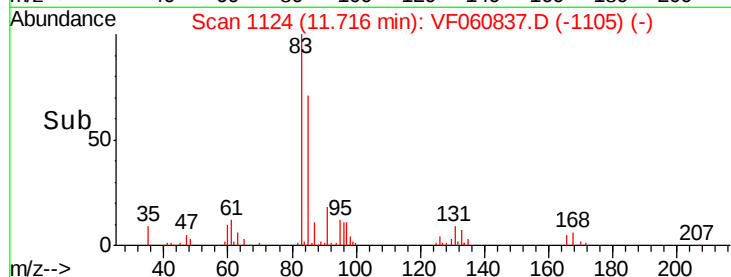
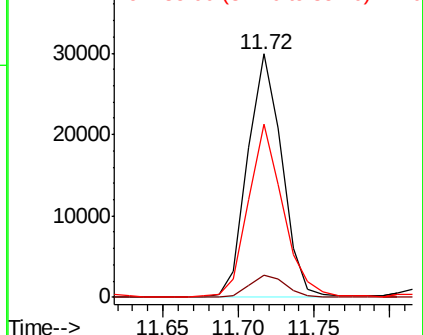
85 71.3 32.6 97.8



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 21.416 ug/l

RT: 11.82 min Scan# 1134

Delta R.T. -0.01 min

Lab File: VF060837.D

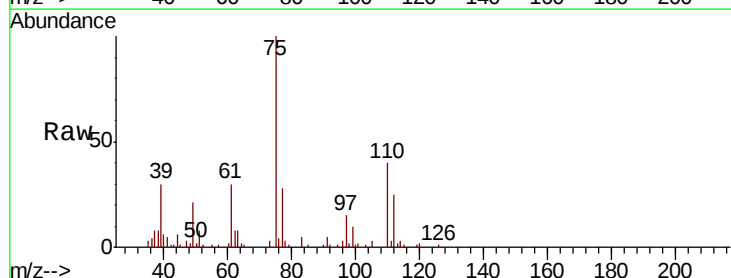
Acq: 27 Nov 2018 14:32

Tgt Ion: 75 Resp: 35215

Ion Ratio Lower Upper

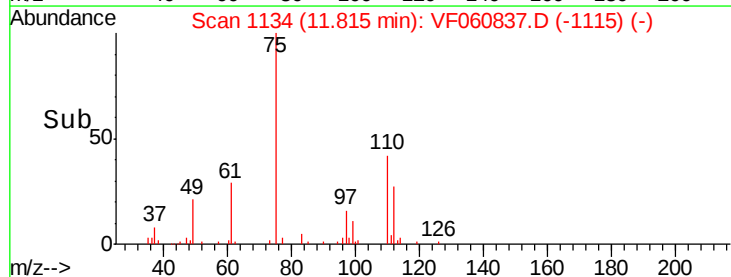
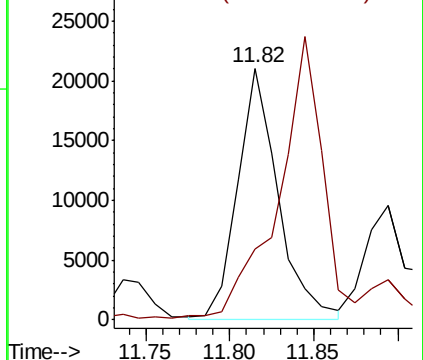
75 100

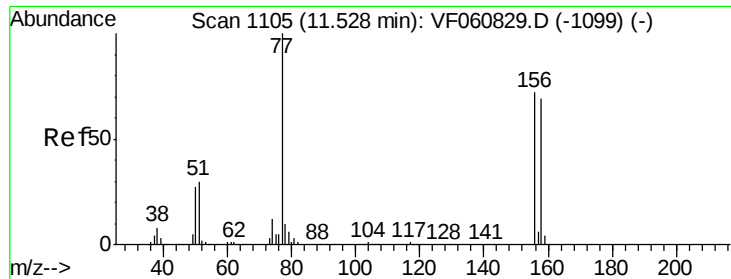
77 28.2 18.4 55.4



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

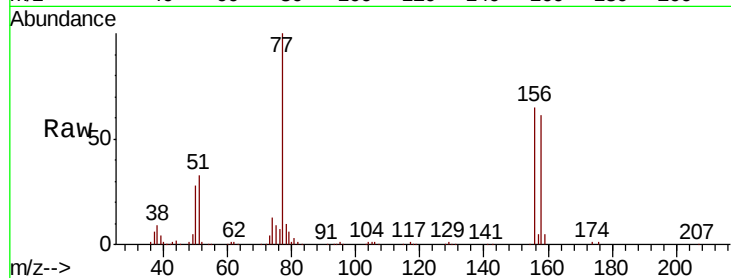




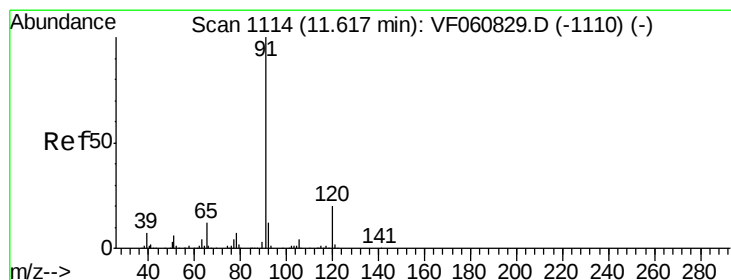
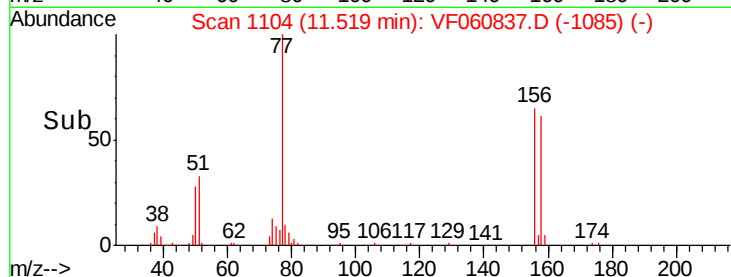
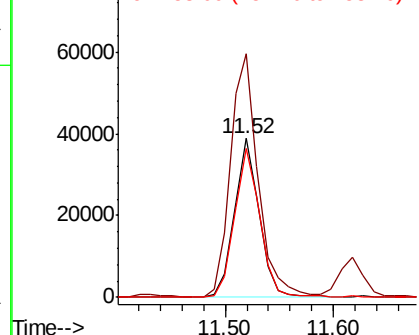
#77
Bromobenzene
Concen: 20.622 ug/l
RT: 11.52 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tot Ion:156 Resp: 62147
Ion Ratio Lower Upper
156 100
77 153.5 69.7 209.0
158 94.0 47.8 143.4

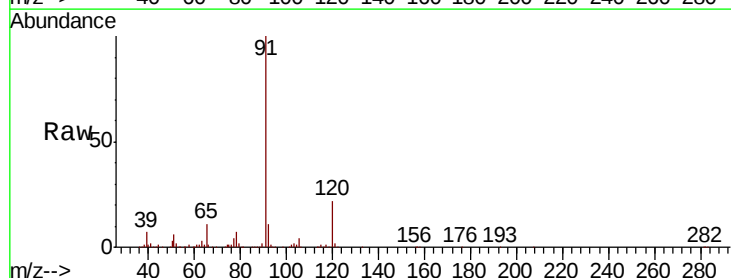


Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VF0
Ion 158.00 (157.70 to 158.70): V

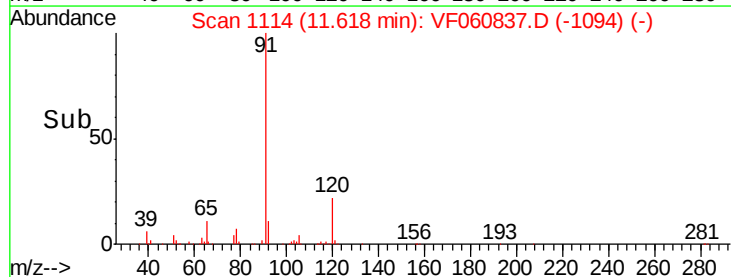
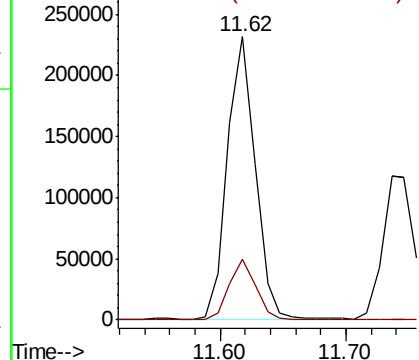


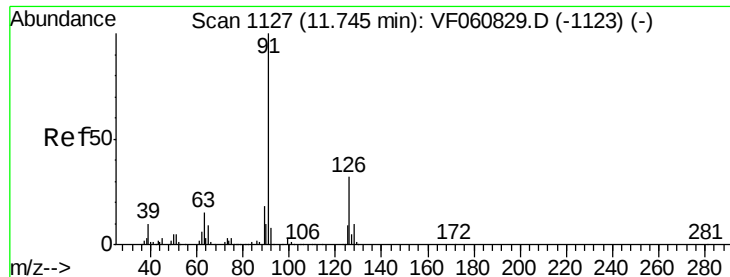
#78
n-propylbenzene
Concen: 22.012 ug/l
RT: 11.62 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion: 91 Resp: 354331
Ion Ratio Lower Upper
91 100
120 21.6 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 120.00 (119.70 to 120.70): V

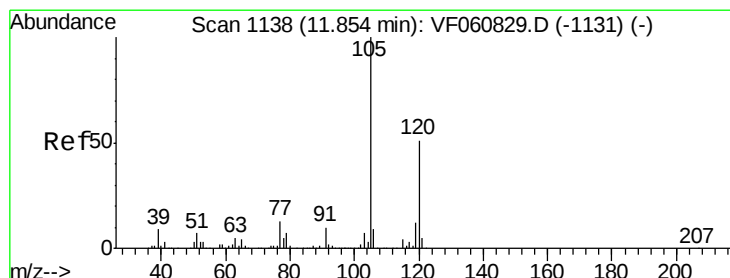
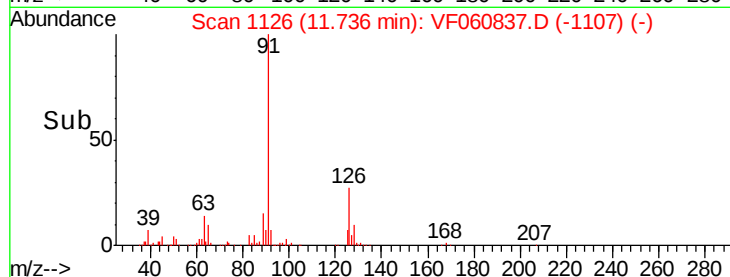
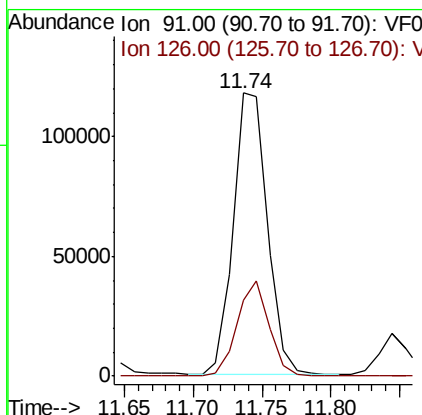
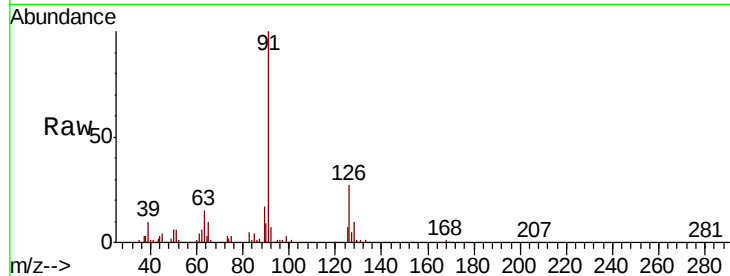




#79
 2-Chlorotoluene
 Concen: 21.874 ug/l
 RT: 11.74 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

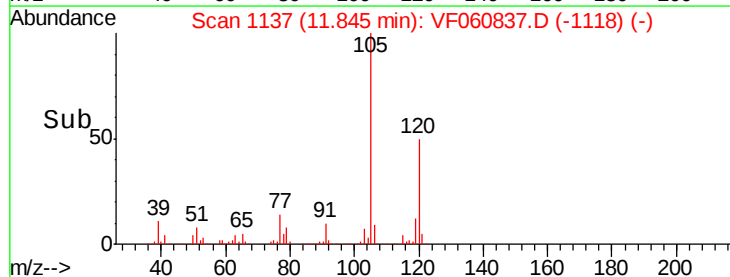
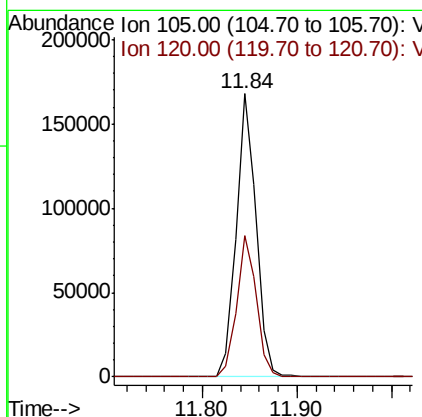
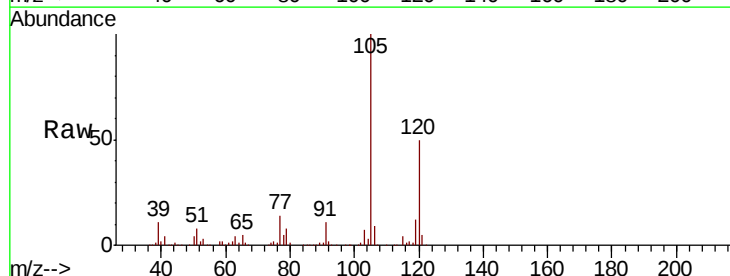
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

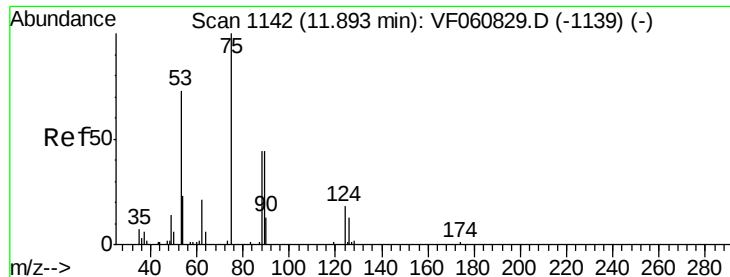
Tot Ion: 91 Resp: 201898
 Ion Ratio Lower Upper
 91 100
 126 27.0 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.929 ug/l
 RT: 11.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Tgt Ion: 105 Resp: 244710
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.8 77.3

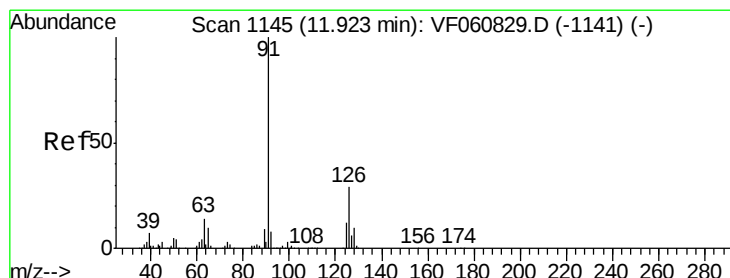
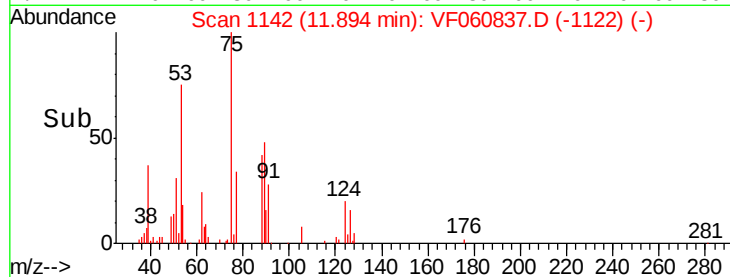
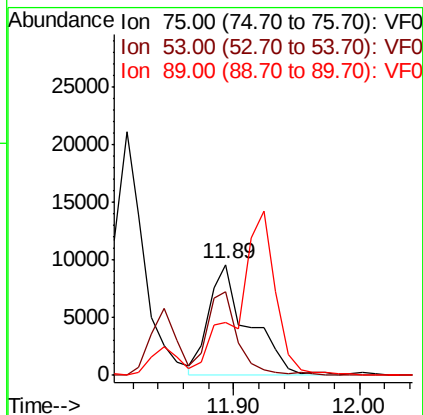
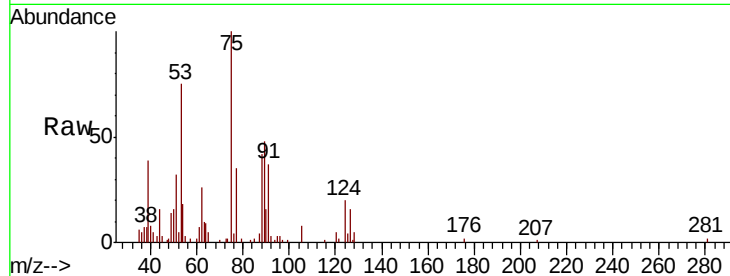




#81
trans-1,4-Dichloro-2-butene
Concen: 26.382 ug/l
RT: 11.89 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

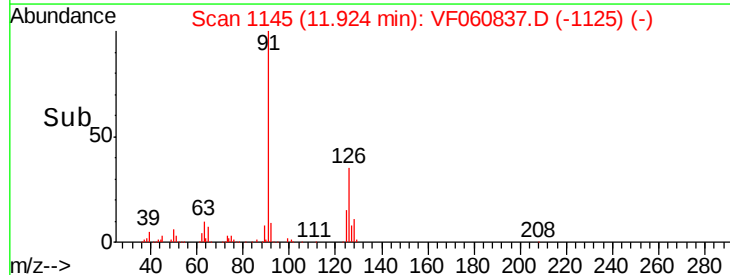
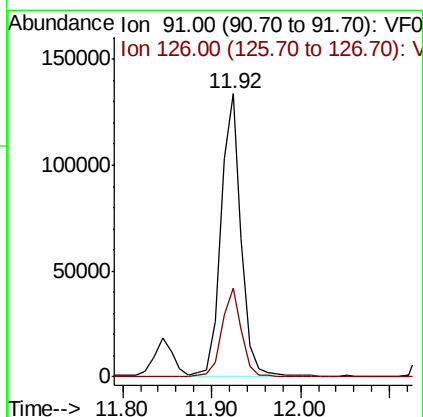
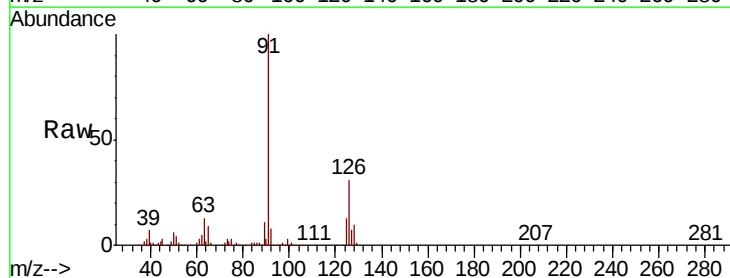
Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

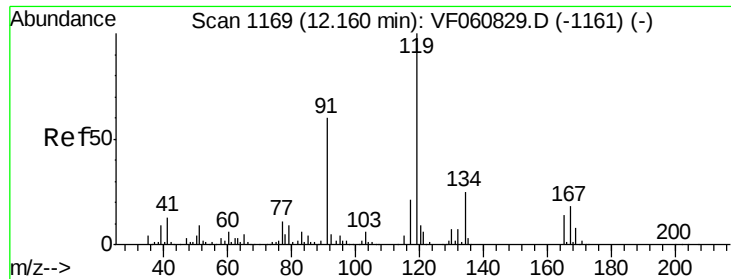
Tot Ion: 75 Resp: 21255
Ion Ratio Lower Upper
75 100
53 75.1 65.9 98.9
89 47.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 21.641 ug/l
RT: 11.92 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion: 91 Resp: 210210
Ion Ratio Lower Upper
91 100
126 31.3 14.8 44.4

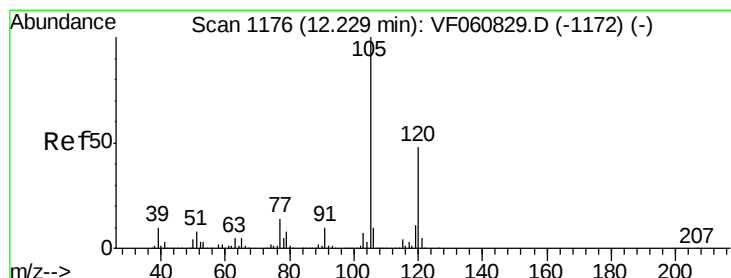
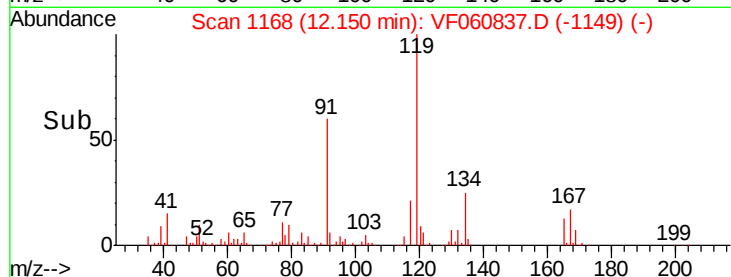
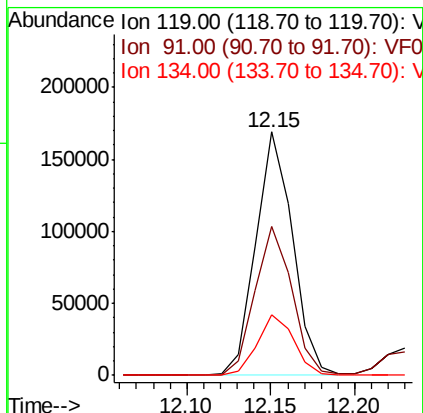
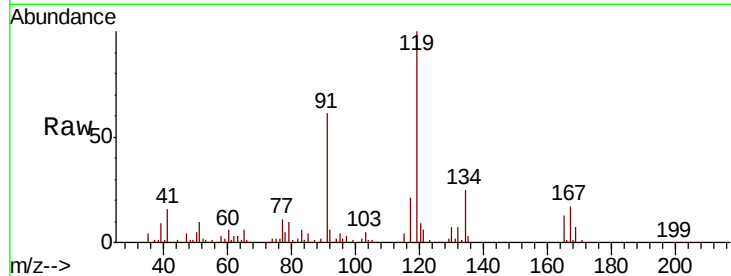




#83
tert-Butylbenzene
Concen: 22.568 ug/l
RT: 12.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

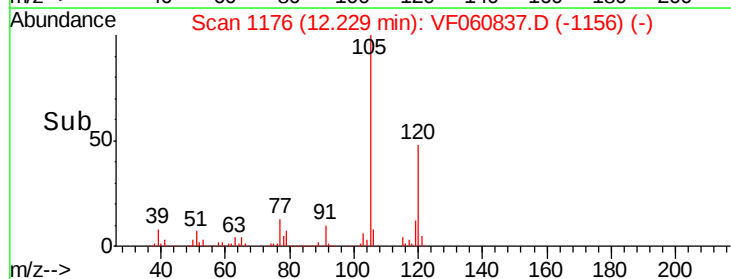
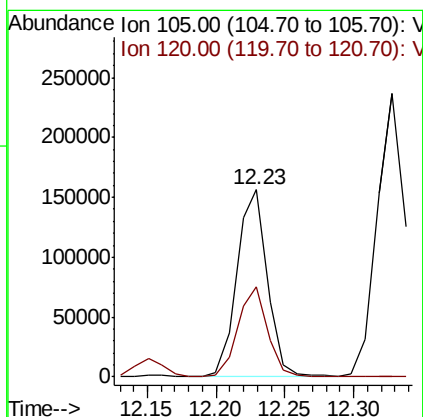
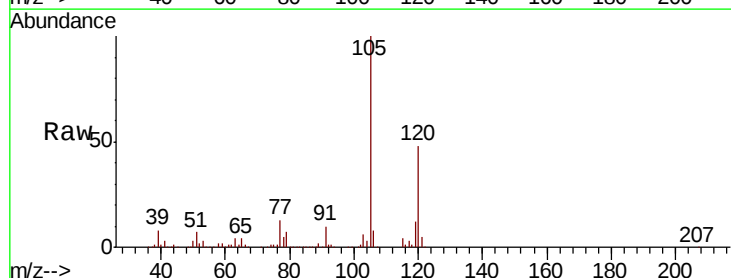
Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

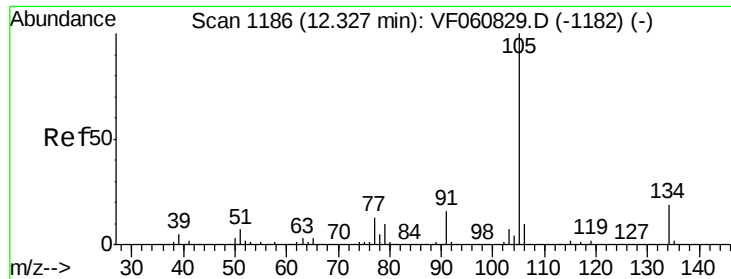
Tot Ion:119 Resp: 256529
Ion Ratio Lower Upper
119 100
91 61.2 30.1 90.3
134 25.1 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 21.663 ug/l
RT: 12.23 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion:105 Resp: 241263
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.5

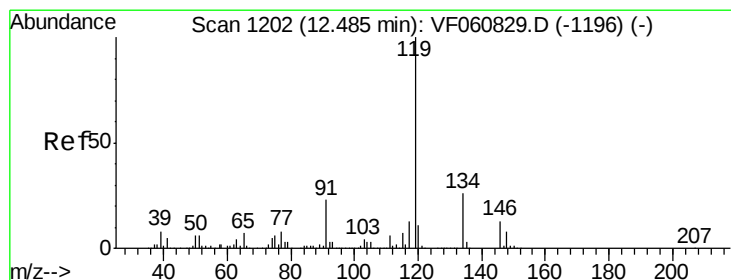
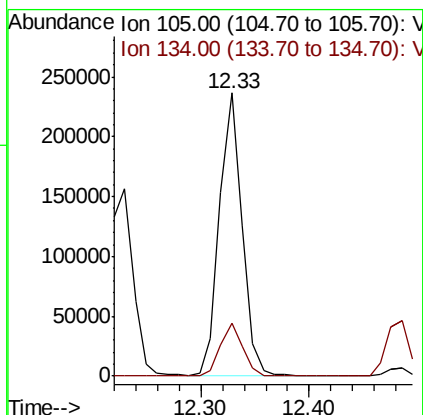
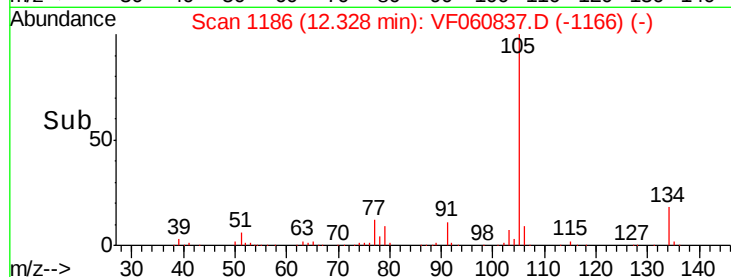
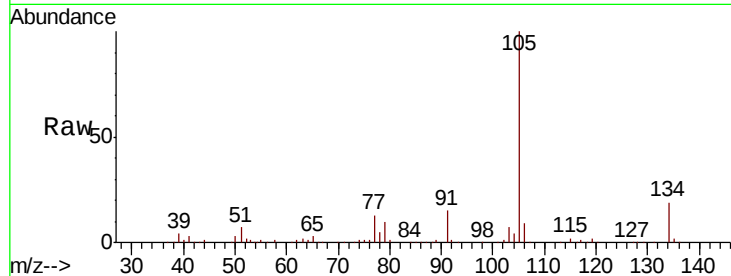




#85
 sec-Butylbenzene
 Concen: 22.167 ug/l
 RT: 12.33 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

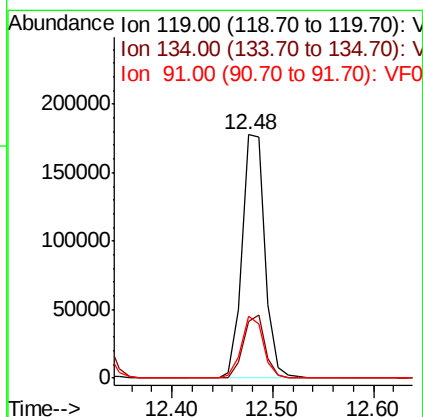
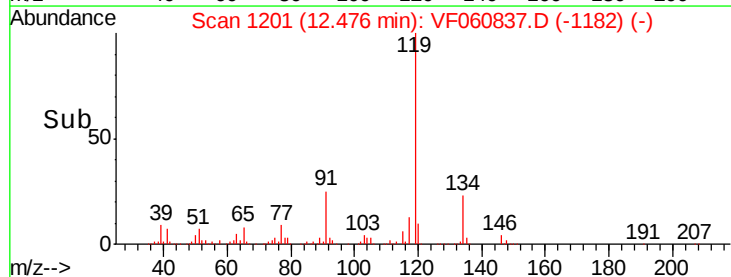
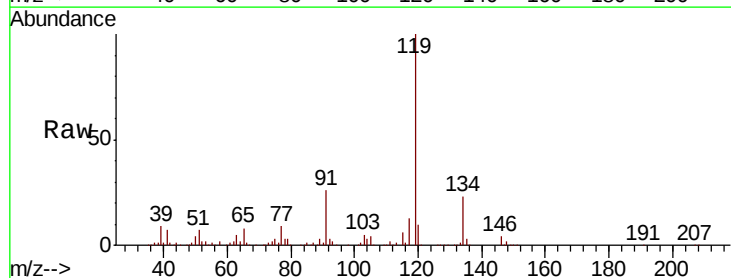
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

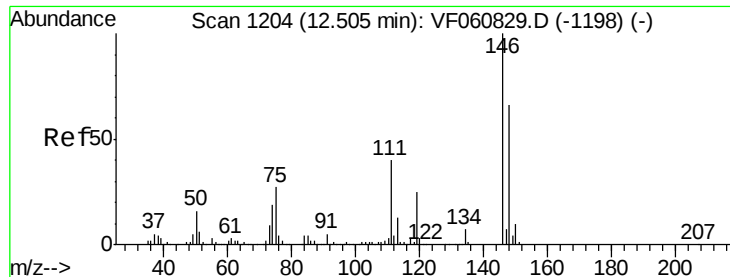
Tot Ion:105 Resp: 344934
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 21.585 ug/l
 RT: 12.48 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Tgt Ion:119 Resp: 281601
 Ion Ratio Lower Upper
 119 100
 134 23.1 12.9 38.6
 91 25.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.904 ug/l

RT: 12.50 min Scan# 1203

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

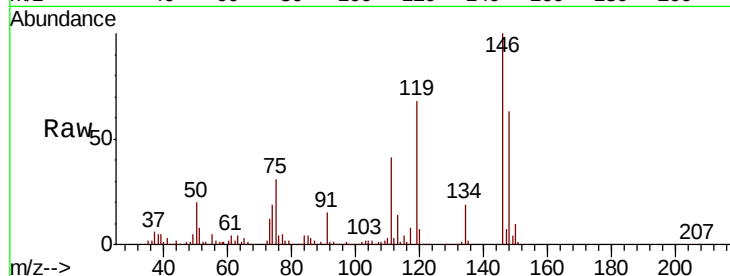
Tot Ion:146 Resp: 119829

Ion Ratio Lower Upper

146 100

111 41.2 20.0 59.9

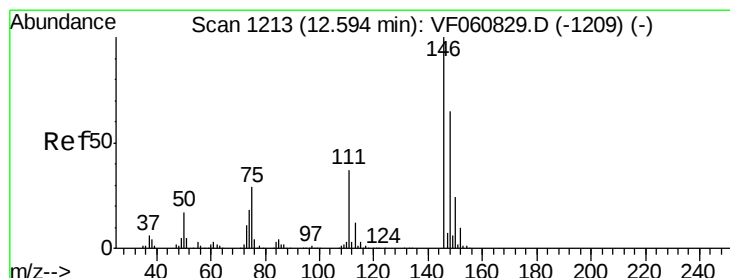
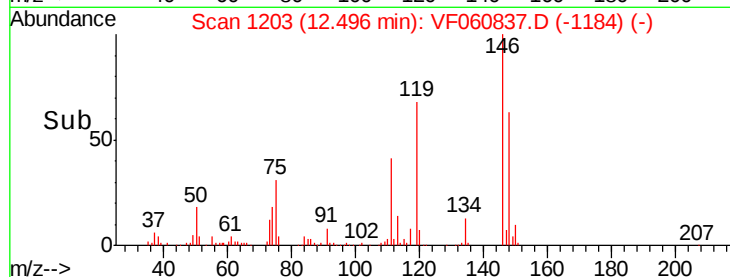
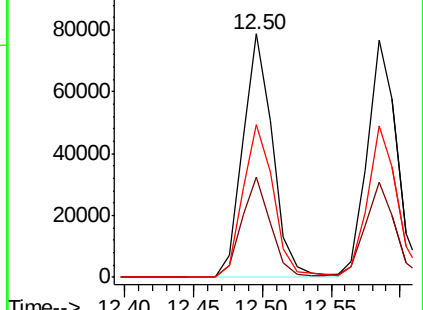
148 62.5 32.9 98.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,4-Dichlorobenzene

Concen: 21.071 ug/l

RT: 12.58 min Scan# 1212

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

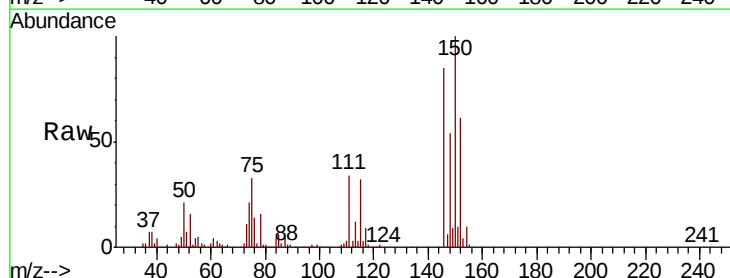
Tgt Ion:146 Resp: 117708

Ion Ratio Lower Upper

146 100

111 40.1 18.9 56.7

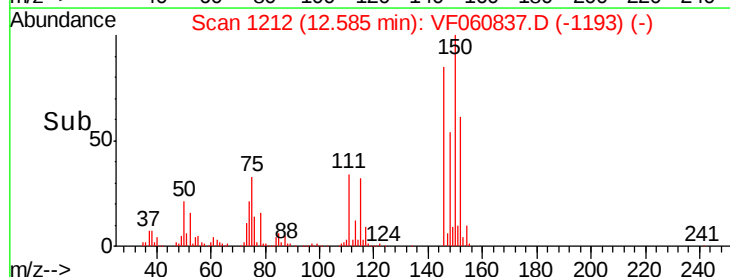
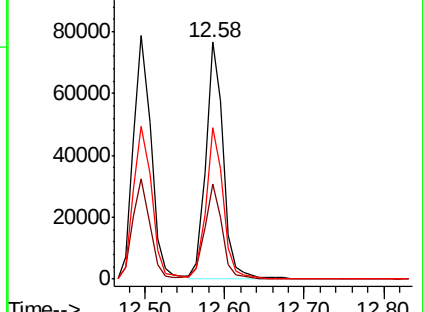
148 63.8 32.3 96.9

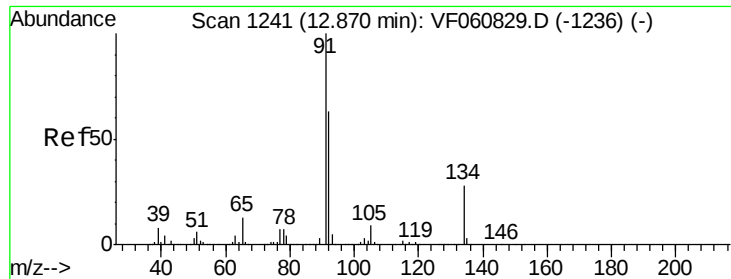


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

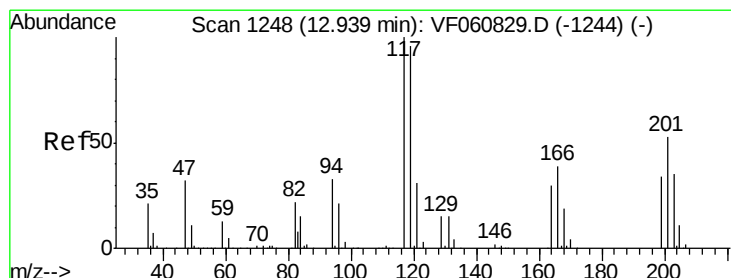
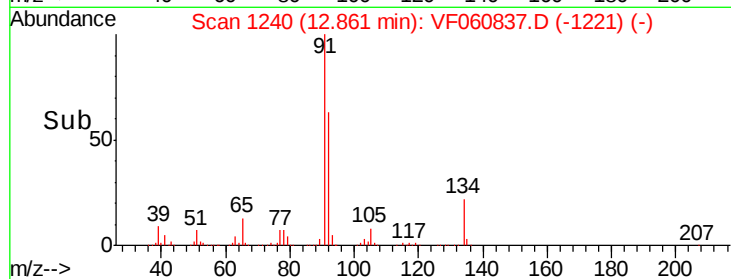
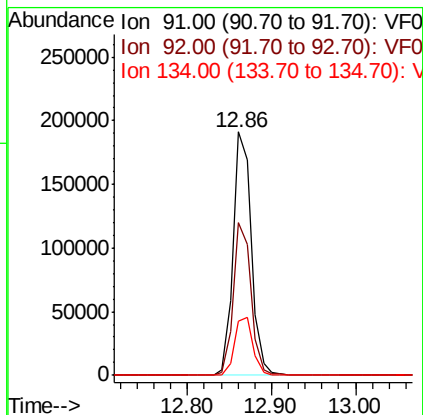
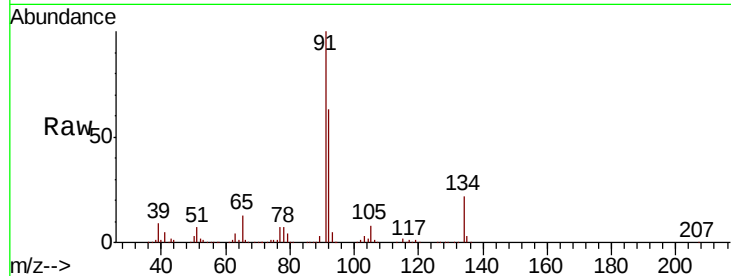




#89
n-Butylbenzene
Concen: 21.891 ug/l
RT: 12.86 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

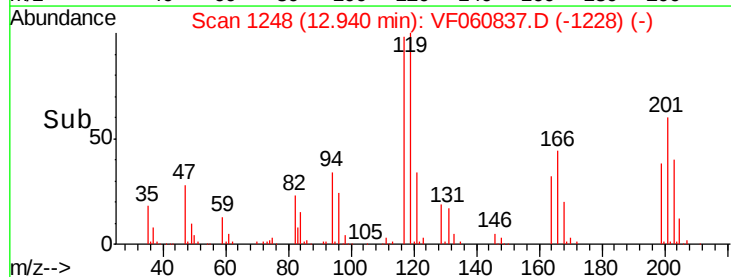
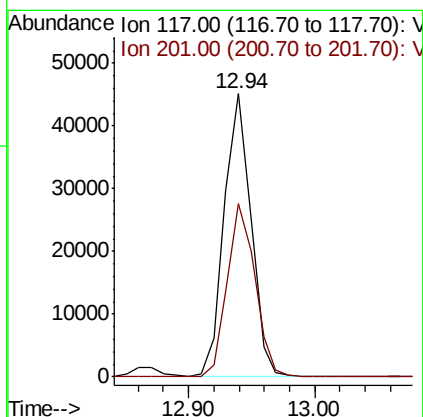
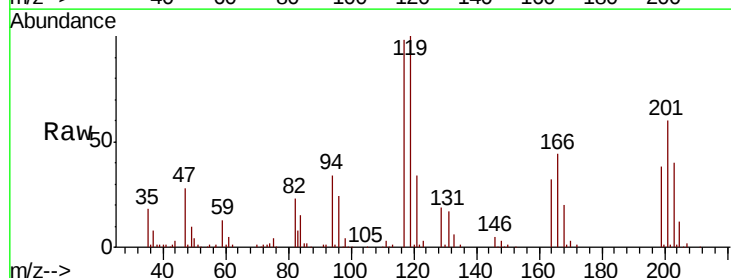
Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

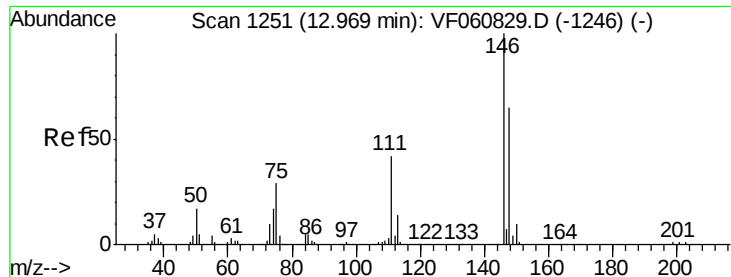
Tot Ion: 91 Resp: 288781
Ion Ratio Lower Upper
91 100
92 62.6 31.6 94.7
134 22.3 13.8 41.4



#90
Hexachloroethane
Concen: 21.226 ug/l
RT: 12.94 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion: 117 Resp: 66682
Ion Ratio Lower Upper
117 100
201 61.0 26.7 80.1

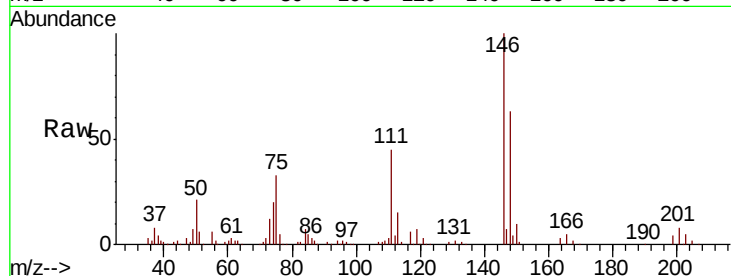




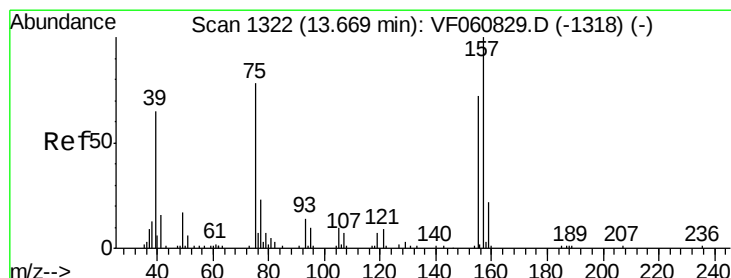
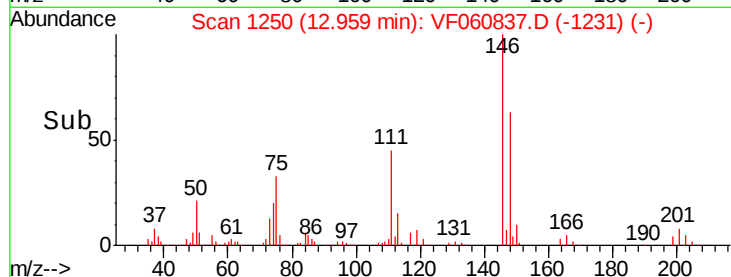
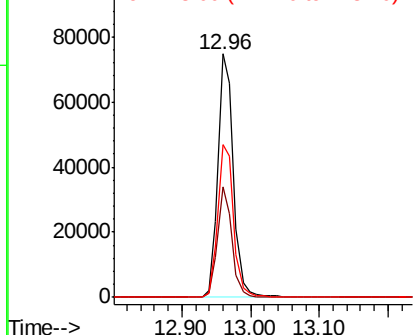
#91
 1,2-Dichlorobenzene
 Concen: 21.505 ug/l
 RT: 12.96 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

Tot Ion:146 Resp: 116740
 Ion Ratio Lower Upper
 146 100
 111 45.3 21.2 63.6
 148 62.5 32.5 97.5

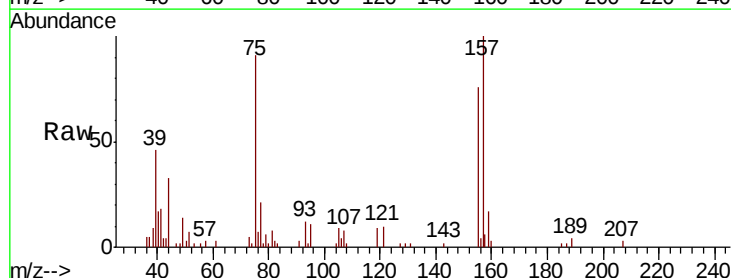


Abundance Ion 146.00 (145.70 to 146.70): V
 100000 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

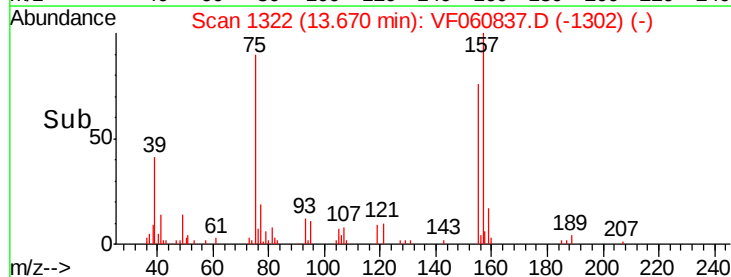
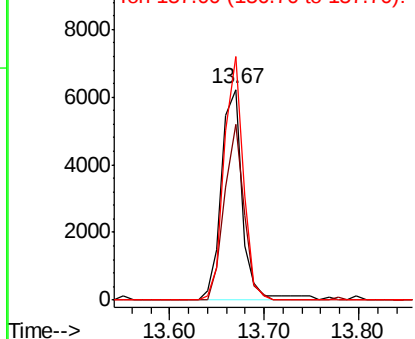


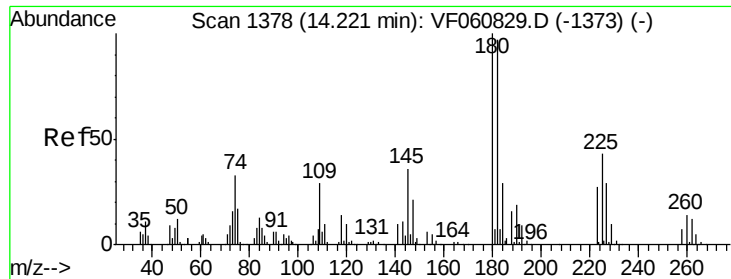
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.127 ug/l
 RT: 13.67 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Tgt Ion: 75 Resp: 9678
 Ion Ratio Lower Upper
 75 100
 155 83.2 45.6 136.9
 157 115.5 63.8 191.5



Abundance Ion 75.00 (74.70 to 75.70): VF0
 10000 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

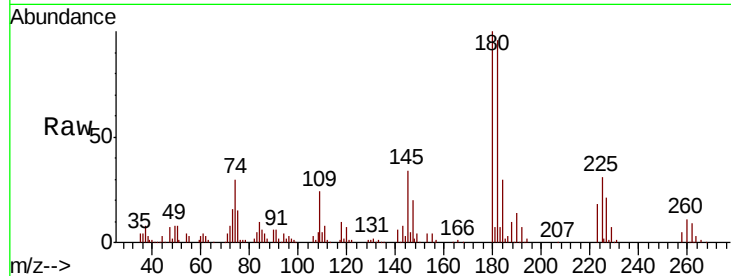




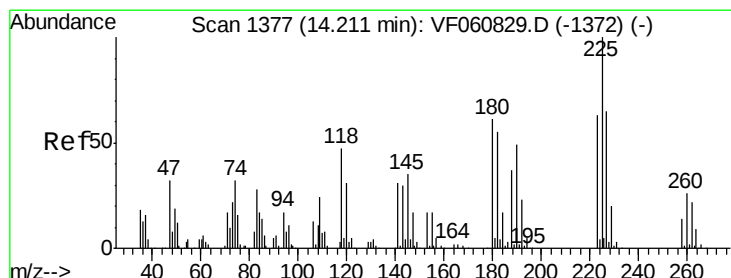
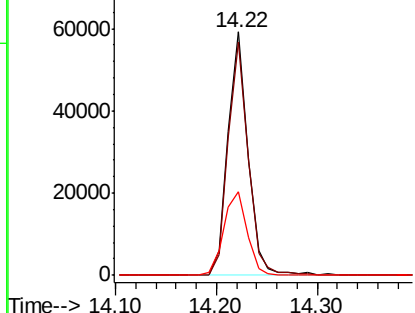
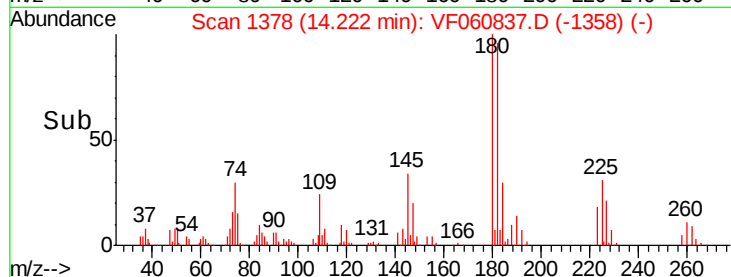
#93
 1,2,4-Trichlorobenzene
 Concen: 21.645 ug/l
 RT: 14.22 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

Tot Ion:180 Resp: 82097
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.5 145.5
 145 34.2 18.1 54.3

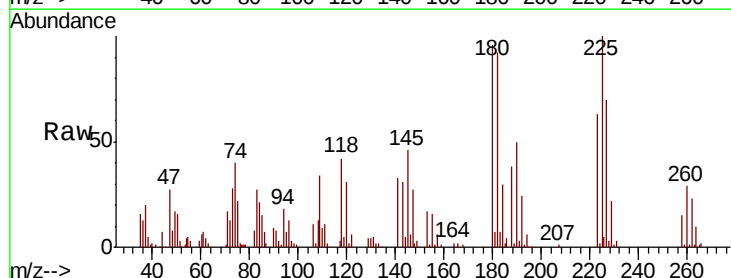


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

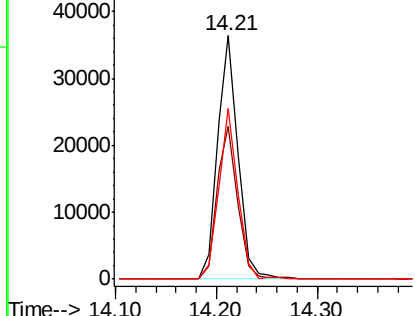
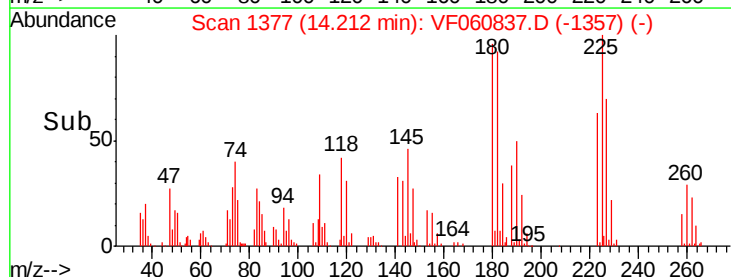


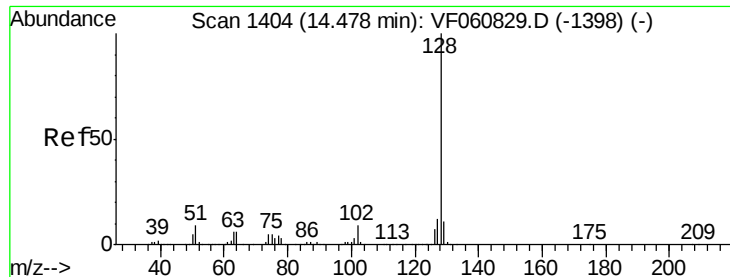
#94
 Hexachlorobutadiene
 Concen: 20.421 ug/l
 RT: 14.21 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Tgt Ion:225 Resp: 51635
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.3
 227 70.2 32.5 97.5



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

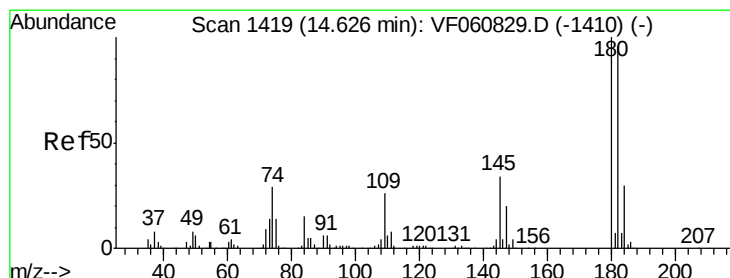
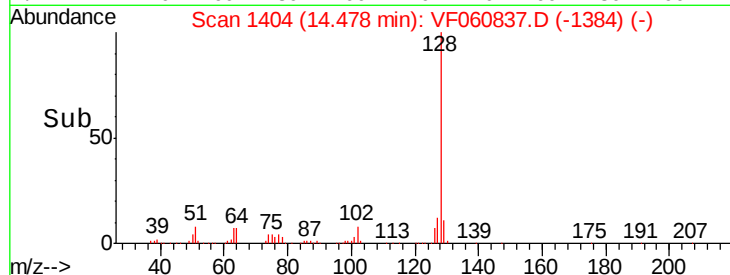
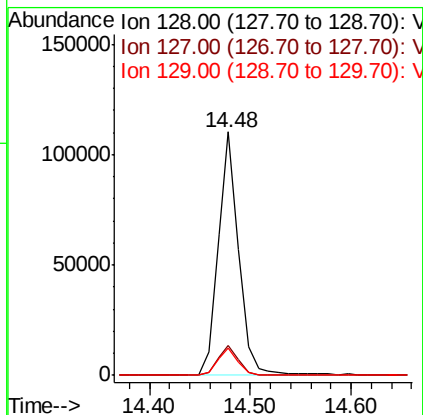
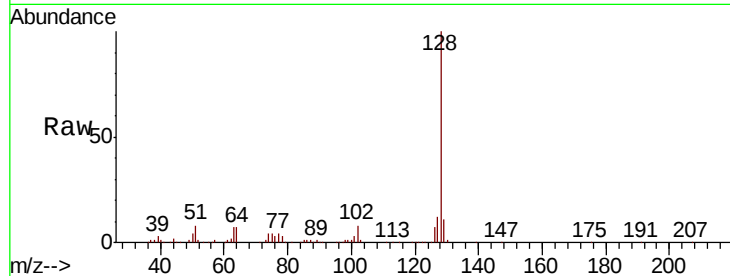




#95
Naphthalene
Concen: 19.056 ug/l
RT: 14.48 min Scan# 1404
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tot Ion:128 Resp: 156230
Ion Ratio Lower Upper
128 100
127 12.3 9.9 14.9
129 11.1 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 21.042 ug/l
RT: 14.63 min Scan# 1419
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion:180 Resp: 74105
Ion Ratio Lower Upper
180 100
182 96.8 47.9 143.8
145 33.5 17.2 51.5

