

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF083018\
 Data File : VF060190.D
 Acq On : 29 Aug 2018 15:35
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

Quant Time: Aug 30 03:50:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F083018S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 02:37:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	152752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	243054	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	262497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	170637	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	26939	21.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.38%	
35) Dibromofluoromethane	4.30	113	21120	12.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	24.96%	
50) Toluene-d8	7.72	98	53716	9.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.82%	
62) 4-Bromofluorobenzene	11.51	95	32422	14.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	29.16%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.95	85	32575	10.629	ug/l 96
3) Chloromethane	1.07	50	18554	14.843	ug/l 100
4) Vinyl Chloride	1.12	62	13407	11.347	ug/l 95
5) Bromomethane	1.32	94	13475	20.061	ug/l 83
6) Chloroethane	1.39	64	8415	12.057	ug/l 93
7) Trichlorofluoromethane	1.49	101	39098	7.695	ug/l 100
8) Diethyl Ether	1.70	74	4706	18.929	ug/l 80
9) 1,1,2-Trichlorotrifluoroet	1.86	101	16527	7.390	ug/l 96
10) Methyl Iodide	1.93	142	15361	12.860	ug/l # 89
11) Tert butyl alcohol	2.69	59	6256	179.561	ug/l # 84
12) 1,1-Dichloroethene	1.83	96	11019	7.799	ug/l # 95
13) Acrolein	2.10	56	4253	141.730	ug/l 95
14) Allyl chloride	2.19	41	19080	14.865	ug/l 97
15) Acrylonitrile	3.08	53	9644	134.710	ug/l 92
16) Acetone	2.34	43	37878	182.283	ug/l # 93
17) Carbon Disulfide	1.84	76	35921	8.650	ug/l # 93
18) Methyl Acetate	2.53	43	13313	31.928	ug/l 96
19) Methyl tert-butyl Ether	2.54	73	36417	24.073	ug/l # 92
20) Methylene Chloride	2.27	84	14956	16.255	ug/l 93
21) trans-1,2-Dichloroethene	2.41	96	12036	9.869	ug/l 93
22) Diisopropyl ether	2.92	45	38067	16.353	ug/l 91
23) Vinyl Acetate	3.33	43	103401	125.812	ug/l # 95
24) 1,1-Dichloroethane	3.00	63	28064	12.833	ug/l 97
25) 2-Butanone	4.51	43	40658	181.890	ug/l # 91
26) 2,2-Dichloropropane	3.76	77	29117	16.537	ug/l 97
27) cis-1,2-Dichloroethene	3.63	96	16369	16.605	ug/l 96
28) Bromochloromethane	3.89	49	11129	20.394	ug/l 98
29) Tetrahydrofuran	4.26	42	14470	159.151	ug/l 97
30) Chloroform	4.04	83	42650	16.002	ug/l 95
31) Cyclohexane	3.85	56	19335	9.846	ug/l # 88
32) 1,1,1-Trichloroethane	4.28	97	39651	11.552	ug/l 93
36) 1,1-Dichloropropene	4.45	75	23998	7.373	ug/l 92
37) Ethyl Acetate	4.30	43	14643	23.538	ug/l 85
38) Carbon Tetrachloride	4.17	117	34604	7.841	ug/l 87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF083018\
 Data File : VF060190.D
 Acq On : 29 Aug 2018 15:35
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDIC010

Quant Time: Aug 30 03:50:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F083018S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 02:37:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	20584	6.770	ug/l	98
40) Benzene	4.81	78	49474	10.539	ug/l	99
41) Methacrylonitrile	4.93	41	7070	22.105	ug/l #	86
42) 1,2-Dichloroethane	5.11	62	33437	16.782	ug/l	99
43) Isopropyl Acetate	7.12	43	18267	24.022	ug/l #	99
44) Trichloroethene	5.68	130	17828	9.196	ug/l	96
45) 1,2-Dichloropropane	6.40	63	14850	13.898	ug/l #	86
46) Dibromomethane	6.26	93	14328	21.703	ug/l	89
47) Bromodichloromethane	6.55	83	31929	14.716	ug/l #	97
48) Methyl methacrylate	6.88	41	12122	20.071	ug/l	94
49) 1,4-Dioxane	6.88	88	1780	424.813	ug/l #	81
51) 4-Methyl-2-Pentanone	8.41	43	84209	122.678	ug/l	99
52) Toluene	7.77	92	39780	11.194	ug/l	94
53) t-1,3-Dichloropropene	8.43	75	29182	20.430	ug/l	96
54) cis-1,3-Dichloropropene	7.46	75	29150	16.836	ug/l	94
55) 1,1,2-Trichloroethane	8.64	97	14327	18.566	ug/l #	86
56) Ethyl methacrylate	8.76	69	17297	22.763	ug/l	98
57) 1,3-Dichloropropane	9.00	76	26387	19.683	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.78	63	8893	60.215	ug/l	100
59) 2-Hexanone	9.63	43	67557	130.860	ug/l	100
60) Dibromochloromethane	8.86	129	23649	18.824	ug/l	93
61) 1,2-Dibromoethane	9.14	107	16785	19.806	ug/l	100
64) Tetrachloroethene	8.32	164	19881	6.594	ug/l #	80
65) Chlorobenzene	9.94	112	54809	10.361	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.07	131	21765	11.839	ug/l	95
67) Ethyl Benzene	10.04	91	96772	8.454	ug/l	95
68) m/p-Xylenes	10.27	106	70050	18.316	ug/l	96
69) o-Xylene	10.83	106	35618	10.154	ug/l	98
70) Styrene	10.91	104	57826	12.798	ug/l	93
71) Bromoform	10.89	173	13564	17.438	ug/l	97
73) Isopropylbenzene	11.23	105	111302	6.459	ug/l	94
74) N-amyl acetate	11.46	43	29115	16.366	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.79	83	21619	14.913	ug/l	96
76) 1,2,3-Trichloropropane	11.89	75	19234	15.666	ug/l	99
77) Bromobenzene	11.60	156	30170	10.924	ug/l	90
78) n-propylbenzene	11.69	91	140363	6.749	ug/l	98
79) 2-Chlorotoluene	11.82	91	77841	7.755	ug/l	94
80) 1,3,5-Trimethylbenzene	11.91	105	97307	7.311	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.96	75	9156	25.306	ug/l	90
82) 4-Chlorotoluene	11.99	91	92248	9.220	ug/l	93
83) tert-Butylbenzene	12.22	119	95278	6.823	ug/l	93
84) 1,2,4-Trimethylbenzene	12.29	105	103742	8.942	ug/l	97
85) sec-Butylbenzene	12.39	105	126099	6.177	ug/l	94
86) p-Isopropyltoluene	12.55	119	112573	7.343	ug/l	96
87) 1,3-Dichlorobenzene	12.56	146	58926	10.268	ug/l	93
88) 1,4-Dichlorobenzene	12.64	146	53549	10.121	ug/l	94
89) n-Butylbenzene	12.92	91	108895	8.167	ug/l	96
90) Hexachloroethane	13.00	117	24492	7.395	ug/l	100
91) 1,2-Dichlorobenzene	13.02	146	55640	12.023	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.72	75	4950	17.563	ug/l	80

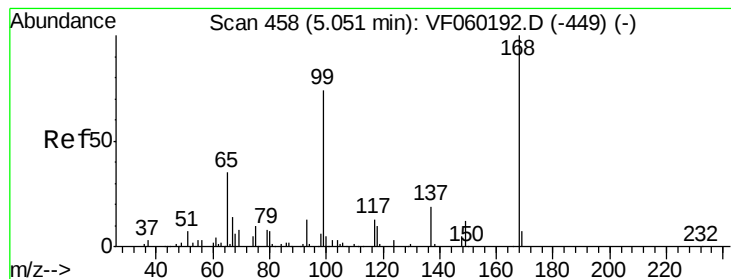
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF083018\
Data File : VF060190.D
Acq On : 29 Aug 2018 15:35
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Quant Time: Aug 30 03:50:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F083018S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 30 02:37:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	41337	17.788	ug/l	94
94) Hexachlorobutadiene	14.26	225	25983	6.965	ug/l	96
95) Naphthalene	14.53	128	56431	23.469	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	37688	18.859	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

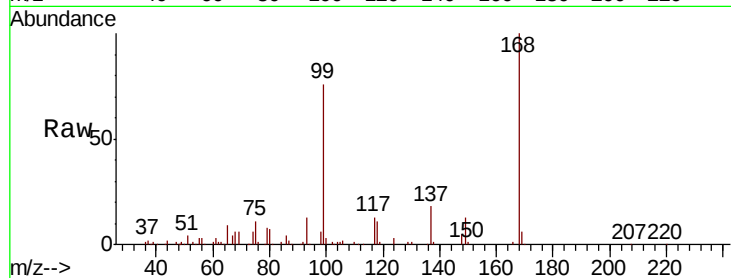
VSTDIC010

Tgt Ion:168 Resp: 152752

Ion Ratio Lower Upper

168 100

99 76.4 59.4 89.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

50000

40000

30000

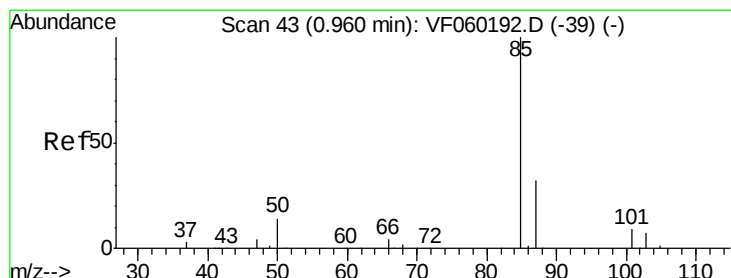
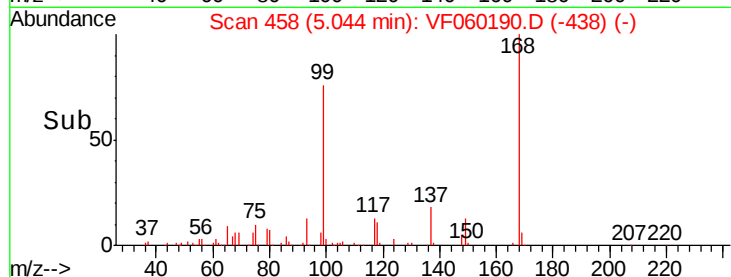
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#2

Dichlorodifluoromethane

Concen: 10.629 ug/l

RT: 0.95 min Scan# 43

Delta R.T. -0.01 min

Lab File: VF060190.D

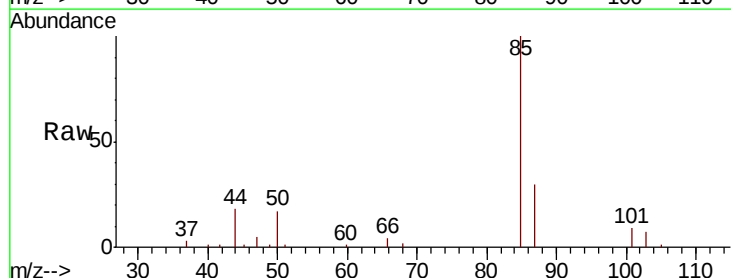
Acq: 29 Aug 2018 15:35

Tgt Ion: 85 Resp: 32575

Ion Ratio Lower Upper

85 100

87 29.6 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.95

25000

20000

15000

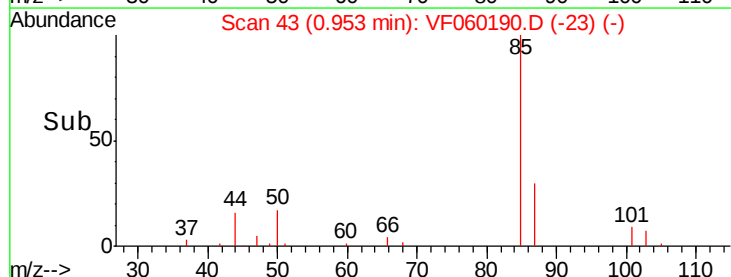
10000

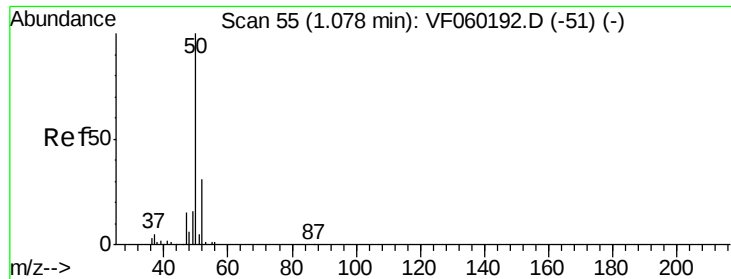
5000

0

Time-->

0.90 1.00 1.10





#3

Chloromethane

Concen: 14.843 ug/l

RT: 1.07 min Scan# 55

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

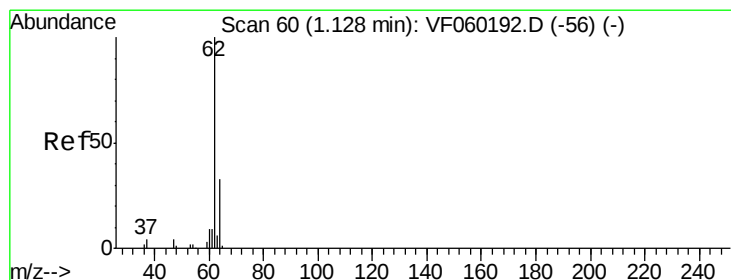
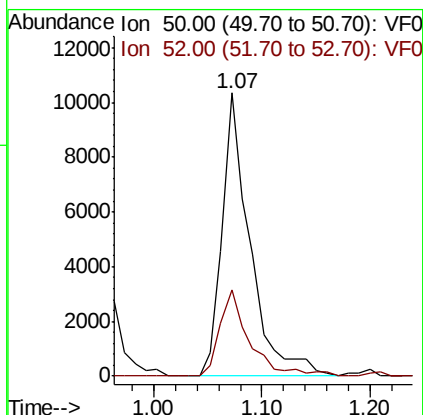
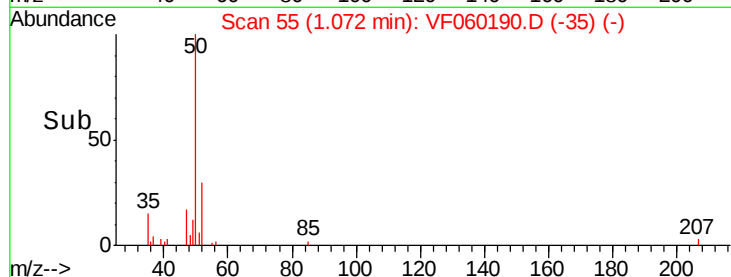
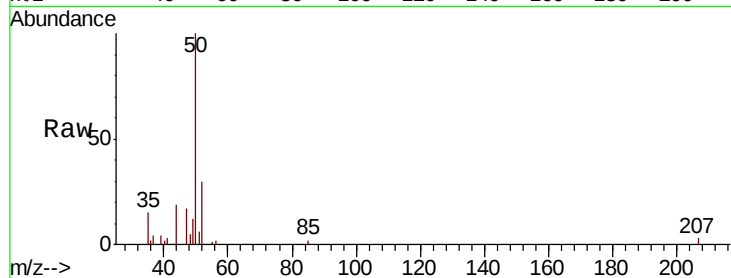
VSTDIC010

Tgt Ion: 50 Resp: 18554

Ion Ratio Lower Upper

50 100

52 30.4 24.3 36.5



#4

Vinyl Chloride

Concen: 11.347 ug/l

RT: 1.12 min Scan# 60

Delta R.T. -0.01 min

Lab File: VF060190.D

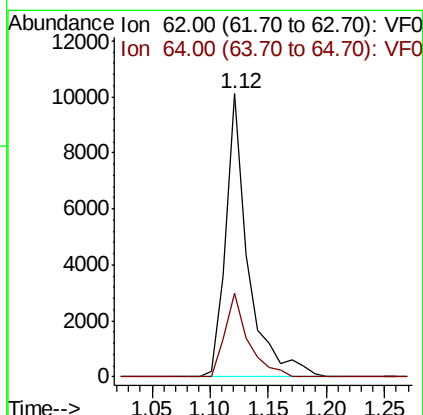
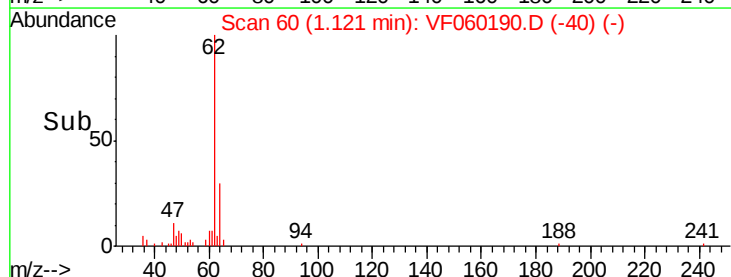
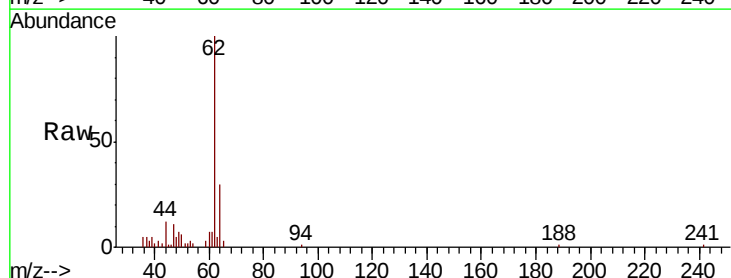
Acq: 29 Aug 2018 15:35

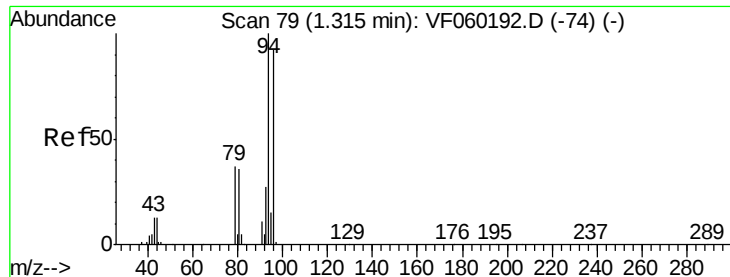
Tgt Ion: 62 Resp: 13407

Ion Ratio Lower Upper

62 100

64 29.6 26.1 39.1





#5

Bromomethane

Concen: 20.061 ug/l

RT: 1.32 min Scan# 80

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

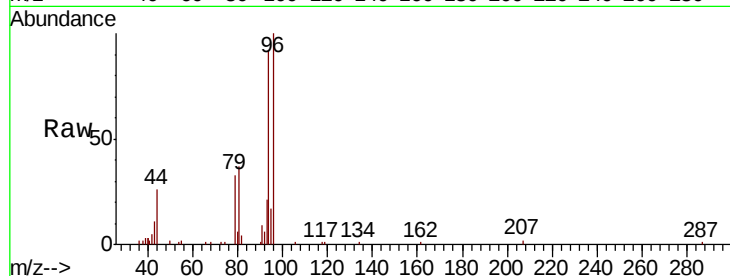
VSTDIC010

Tgt Ion: 94 Resp: 13475

Ion Ratio Lower Upper

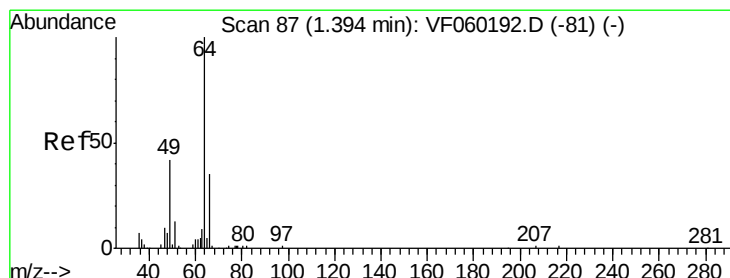
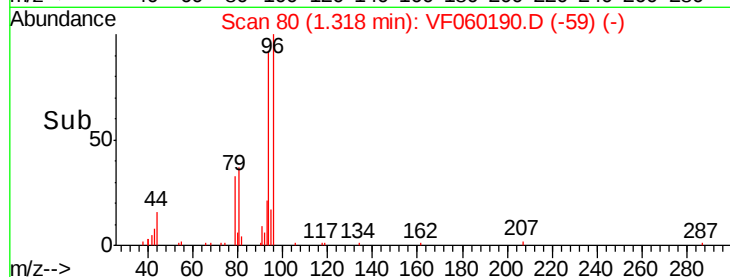
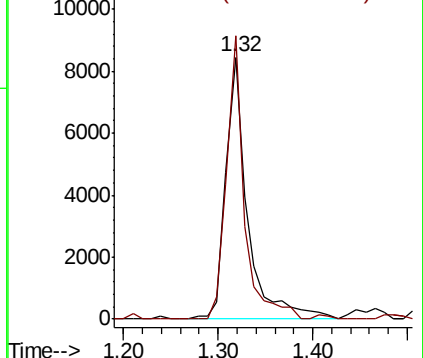
94 100

96 108.2 73.6 110.4



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 12.057 ug/l

RT: 1.39 min Scan# 87

Delta R.T. -0.01 min

Lab File: VF060190.D

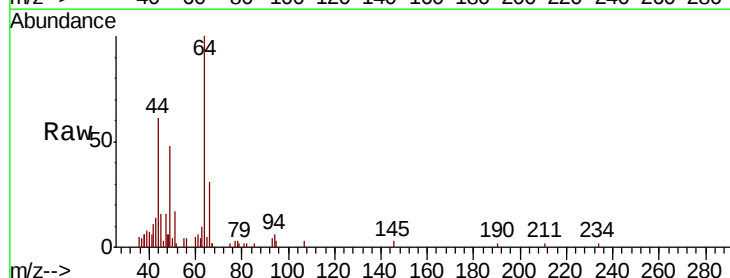
Acq: 29 Aug 2018 15:35

Tgt Ion: 64 Resp: 8415

Ion Ratio Lower Upper

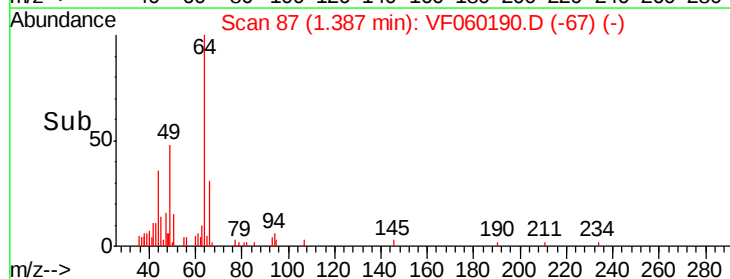
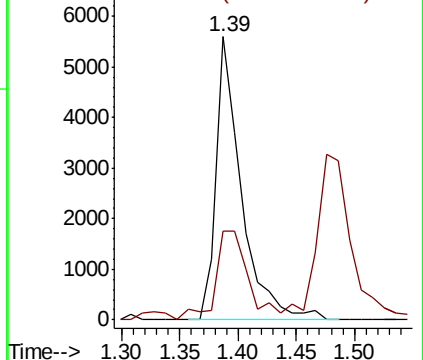
64 100

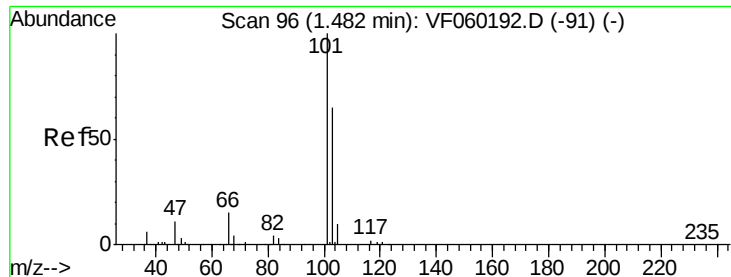
66 31.2 28.2 42.4



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#7

Trichlorofluoromethane

Concen: 7.695 ug/l

RT: 1.49 min Scan# 97

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

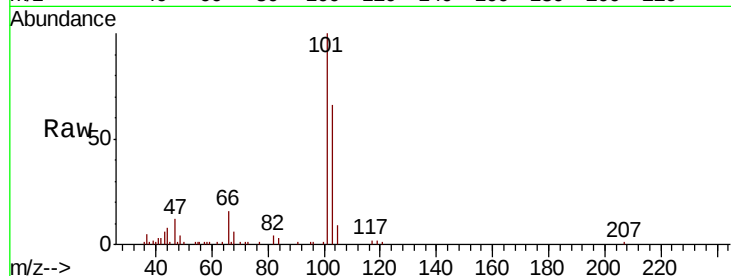
VSTDIC010

Tgt Ion:101 Resp: 39098

Ion Ratio Lower Upper

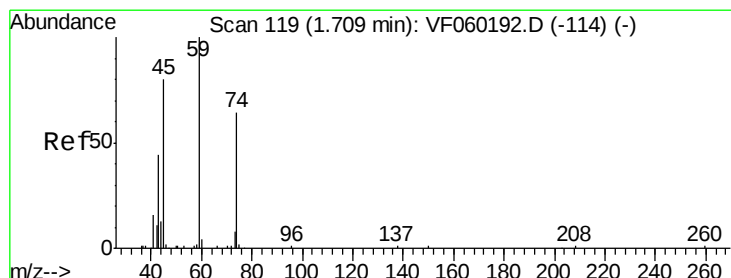
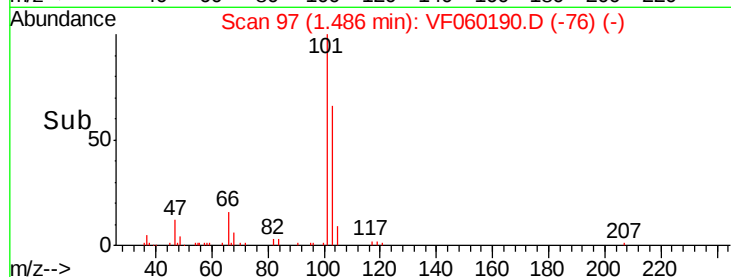
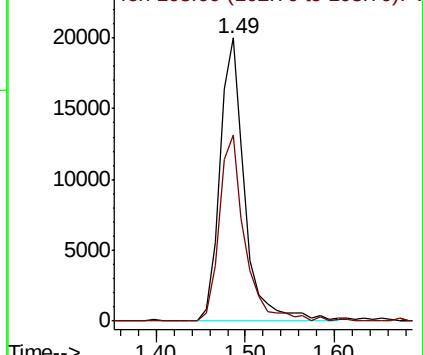
101 100

103 65.7 52.4 78.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 18.929 ug/l

RT: 1.70 min Scan# 119

Delta R.T. -0.01 min

Lab File: VF060190.D

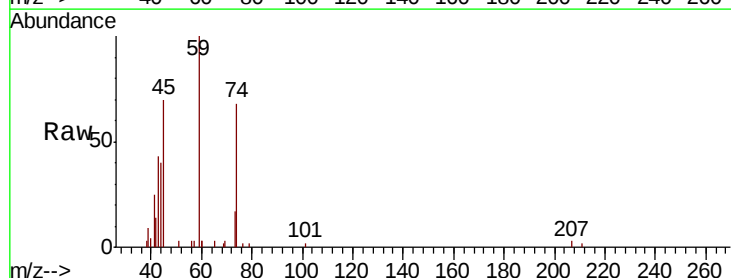
Acq: 29 Aug 2018 15:35

Tgt Ion: 74 Resp: 4706

Ion Ratio Lower Upper

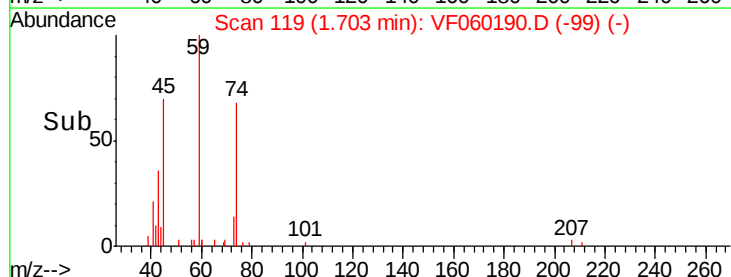
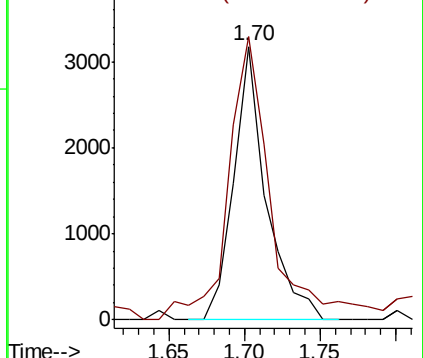
74 100

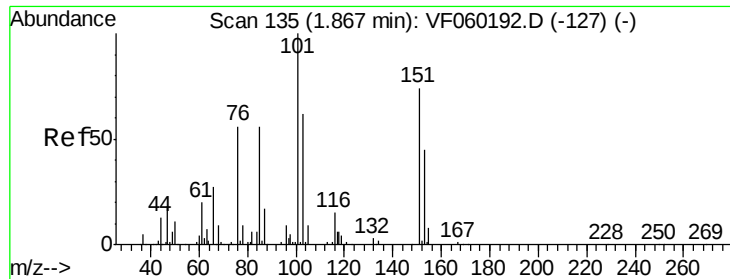
45 103.5 63.3 190.0



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.390 ug/l

RT: 1.86 min Scan# 135

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

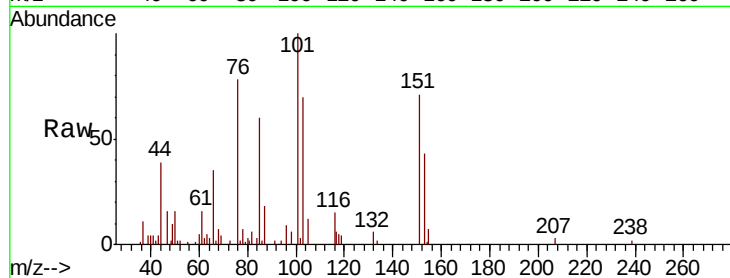
Tgt Ion:101 Resp: 16527

Ion Ratio Lower Upper

101 100

85 59.9 44.5 66.7

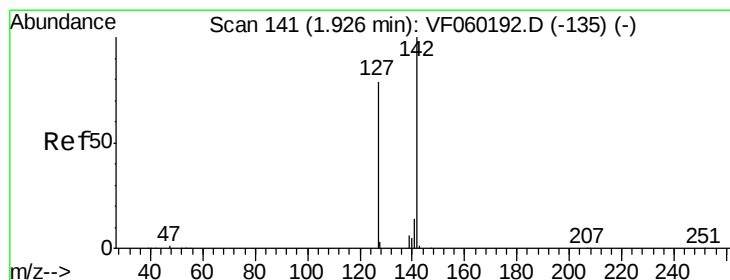
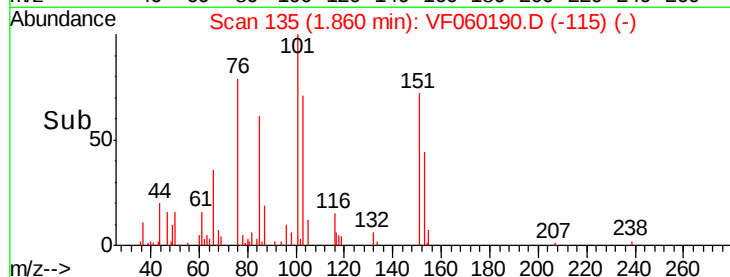
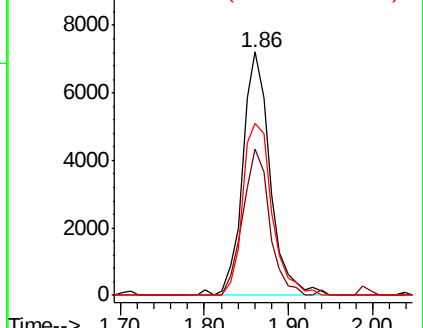
151 70.8 58.8 88.2



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: 12.860 ug/l

RT: 1.93 min Scan# 142

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

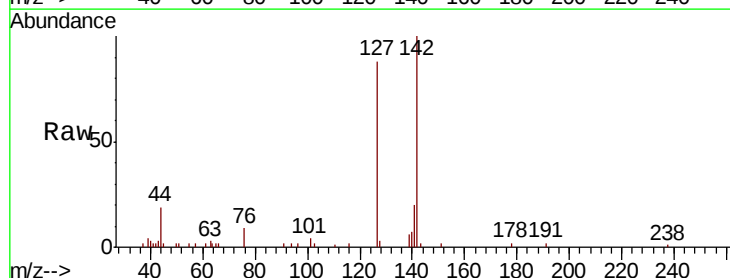
Tgt Ion:142 Resp: 15361

Ion Ratio Lower Upper

142 100

127 87.7 62.6 94.0

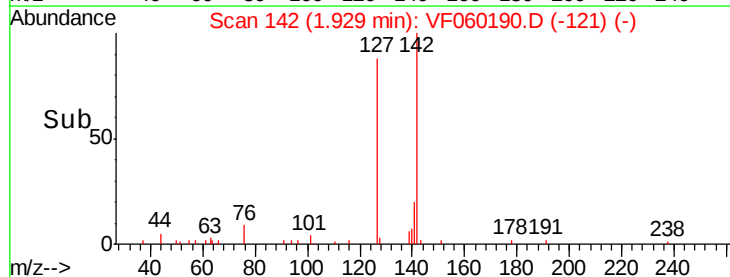
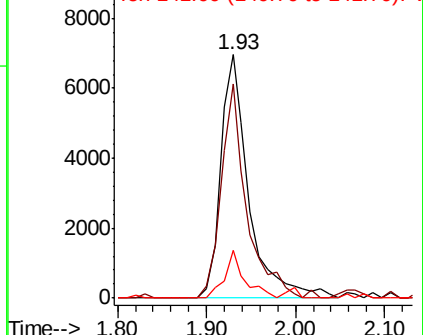
141 19.6 10.9 16.3#

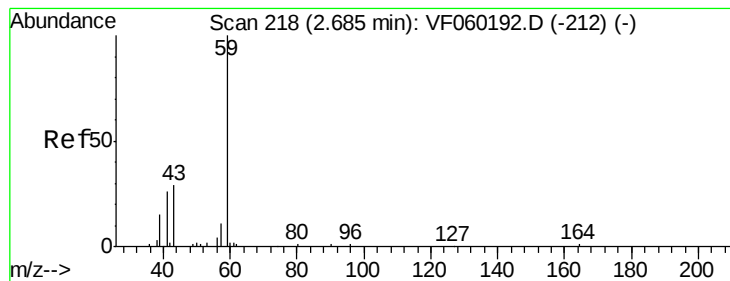


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



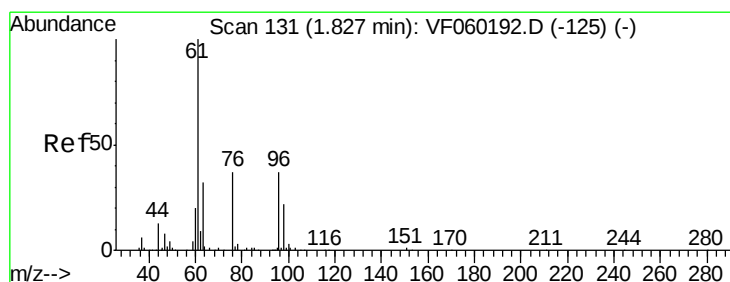
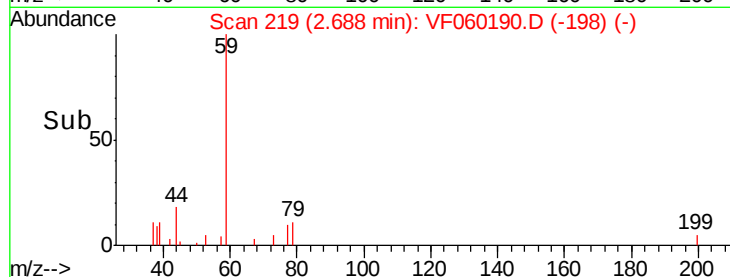
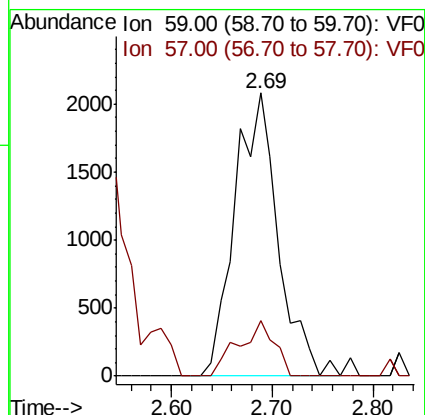
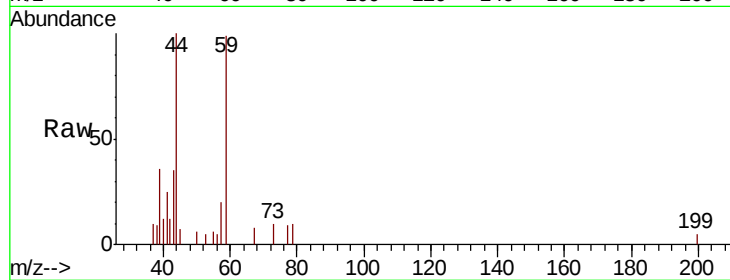


#11

Tert butyl alcohol
 Concen: 179.561 ug/l
 RT: 2.69 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VF060190.D
 Acq: 29 Aug 2018 15:35

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

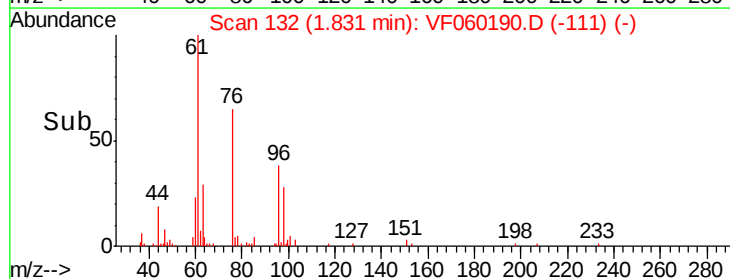
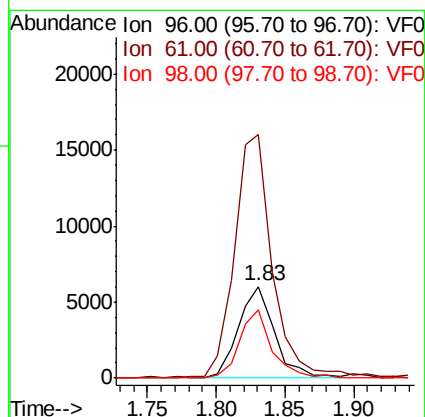
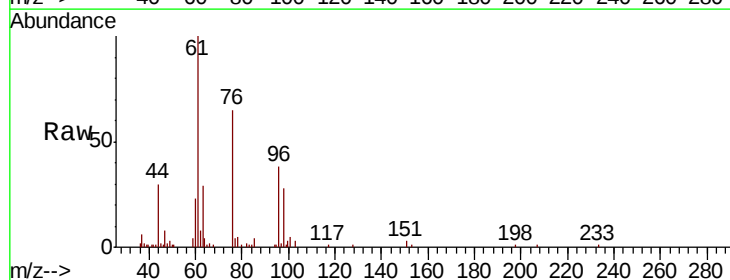
Tgt Ion: 59 Resp: 6256
 Ion Ratio Lower Upper
 59 100
 57 19.8 10.7 16.1#

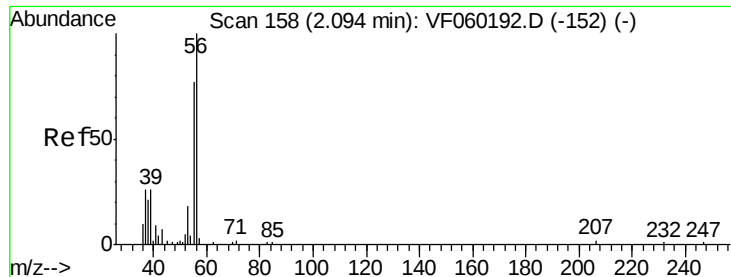


#12

1,1-Dichloroethene
 Concen: 7.799 ug/l
 RT: 1.83 min Scan# 132
 Delta R.T. 0.00 min
 Lab File: VF060190.D
 Acq: 29 Aug 2018 15:35

Tgt Ion: 96 Resp: 11019
 Ion Ratio Lower Upper
 96 100
 61 266.5 215.2 322.8
 98 74.6 47.6 71.4#

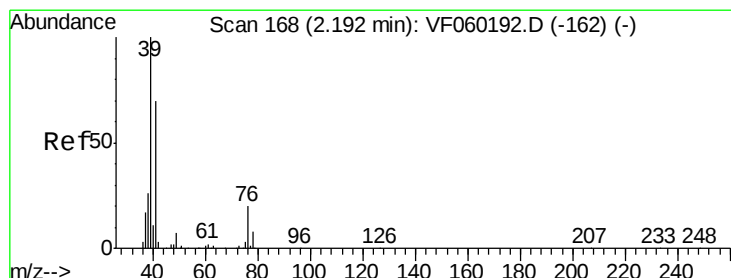
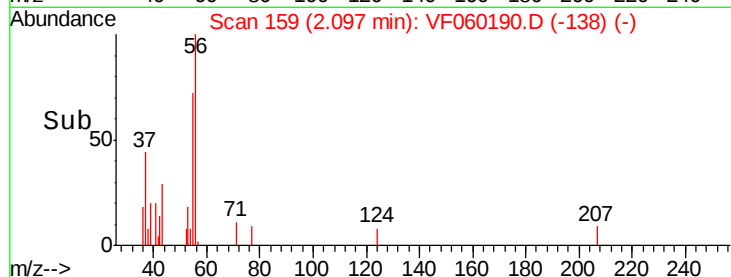
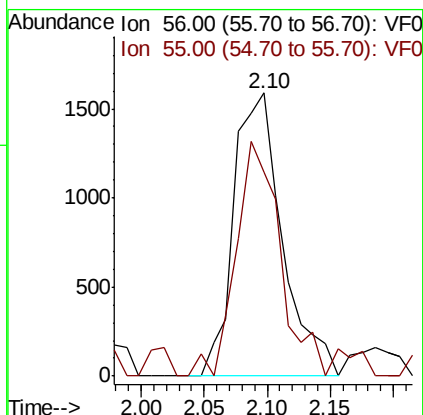
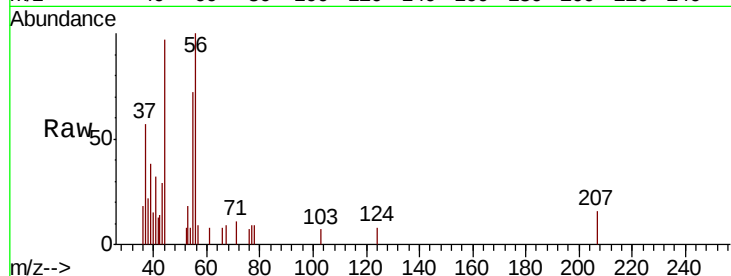




#13
 Acrolein
 Concen: 141.730 ug/l
 RT: 2.10 min Scan# 159
 Delta R.T. 0.00 min
 Lab File: VF060190.D
 Acq: 29 Aug 2018 15:35

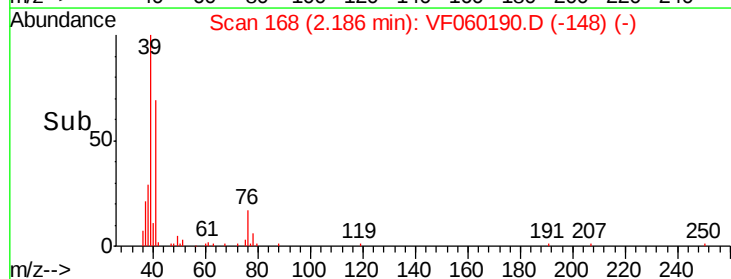
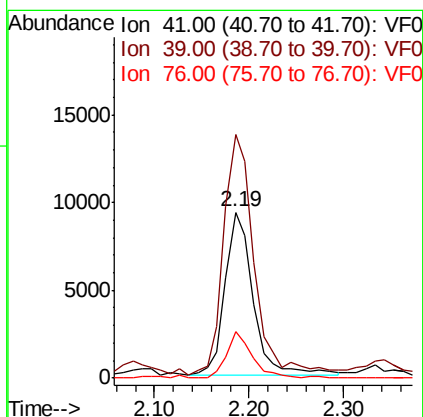
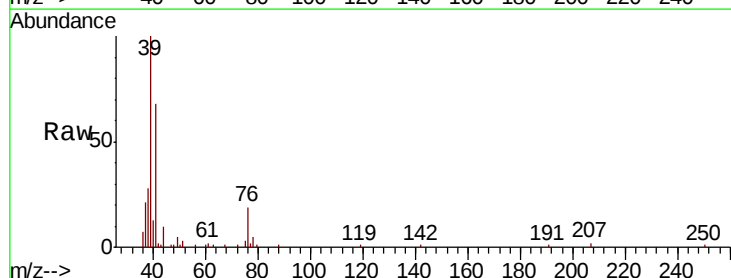
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

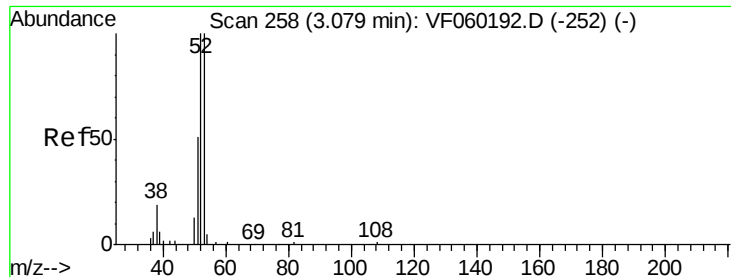
Tgt Ion: 56 Resp: 4253
 Ion Ratio Lower Upper
 56 100
 55 72.0 61.4 92.0



#14
 Allyl chloride
 Concen: 14.865 ug/l
 RT: 2.19 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VF060190.D
 Acq: 29 Aug 2018 15:35

Tgt Ion: 41 Resp: 19080
 Ion Ratio Lower Upper
 41 100
 39 146.6 114.6 172.0
 76 27.7 23.1 34.7





#15

Acrylonitrile

Concen: 134.710 ug/l

RT: 3.08 min Scan# 259

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

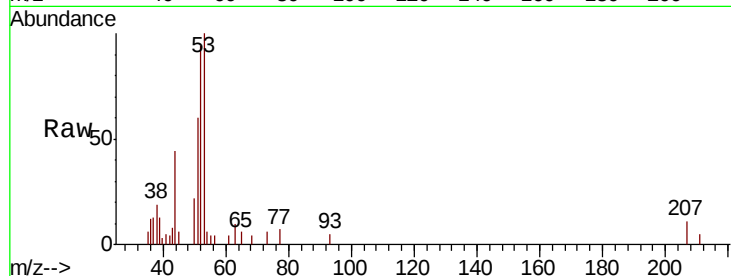
Tgt Ion: 53 Resp: 9644

Ion Ratio Lower Upper

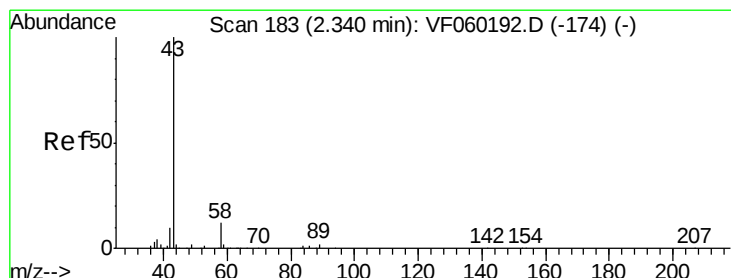
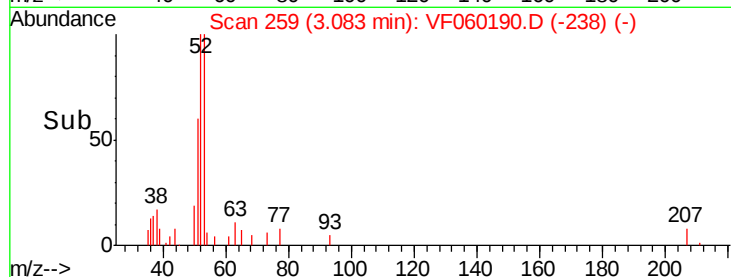
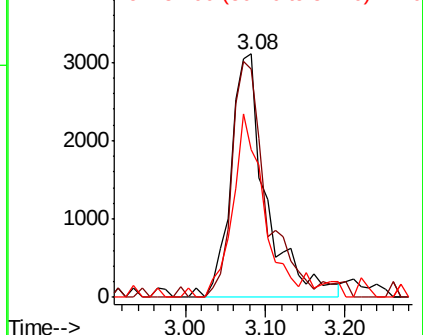
53 100

52 93.8 80.2 120.4

51 60.4 42.4 63.6



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: 182.283 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF060190.D

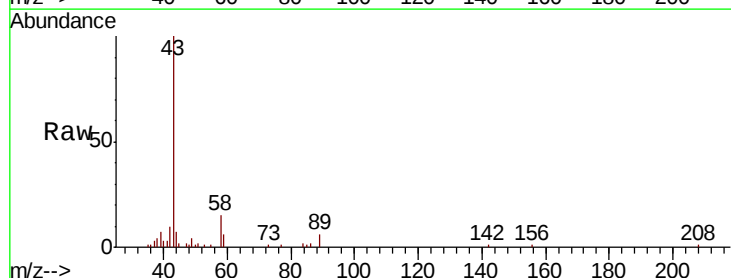
Acq: 29 Aug 2018 15:35

Tgt Ion: 43 Resp: 37878

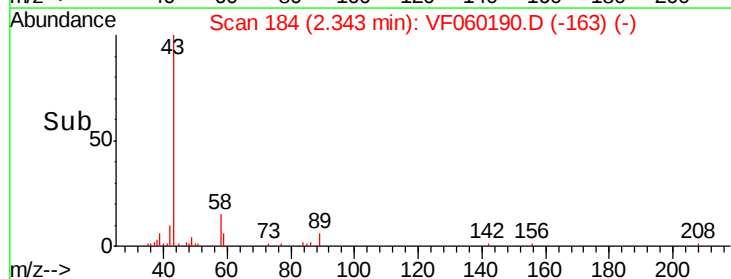
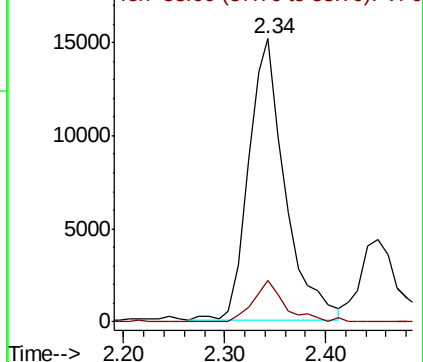
Ion Ratio Lower Upper

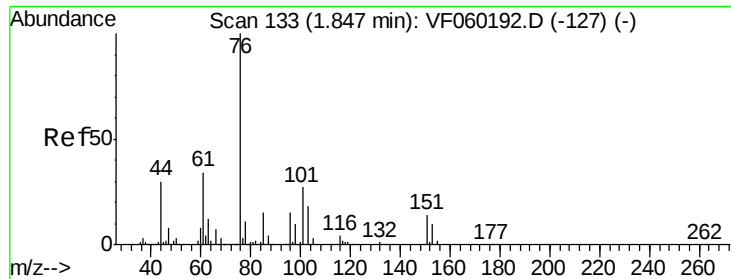
43 100

58 14.5 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

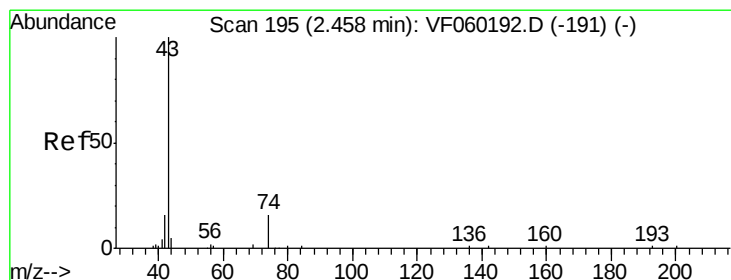
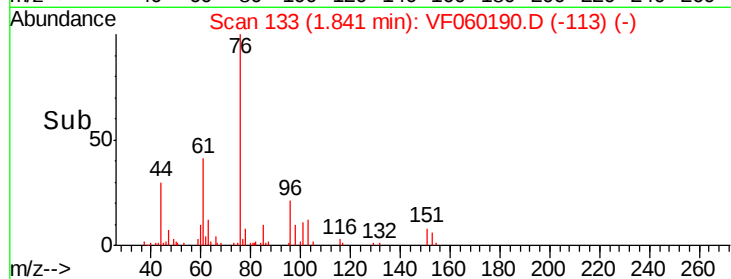
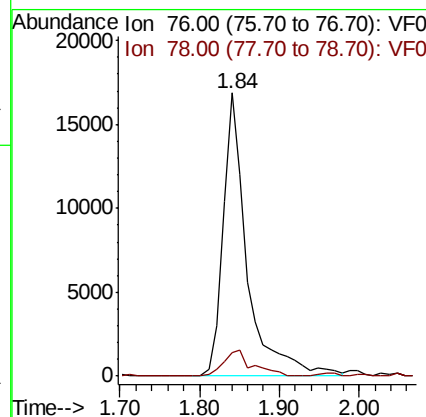
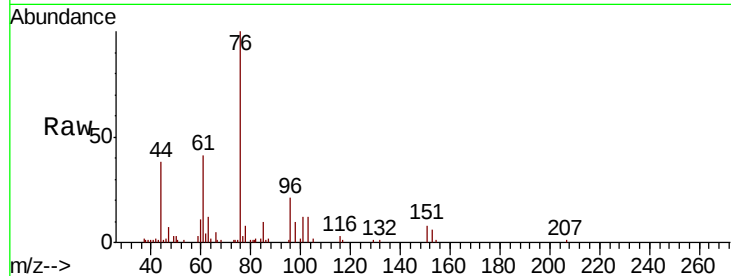




#17
Carbon Disulfide
Concen: 8.650 ug/l
RT: 1.84 min Scan# 133
Delta R.T. -0.01 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

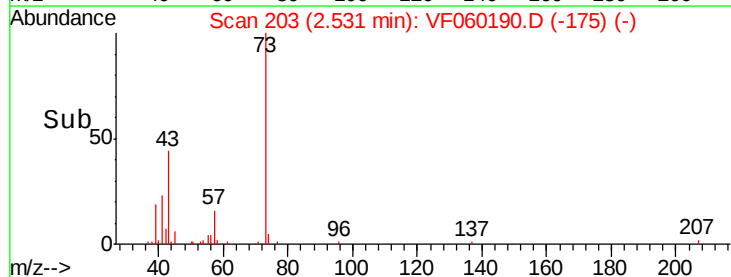
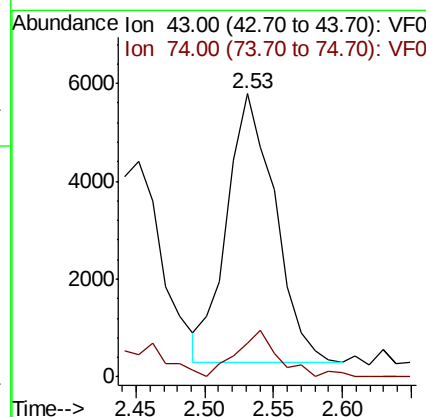
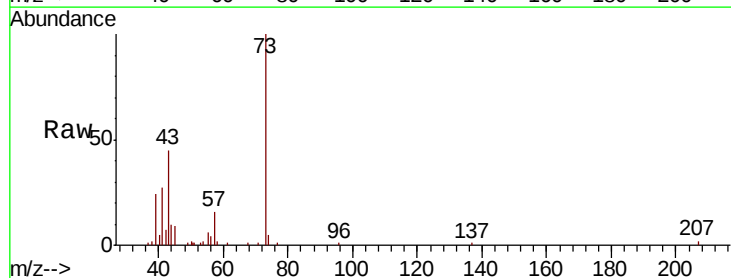
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

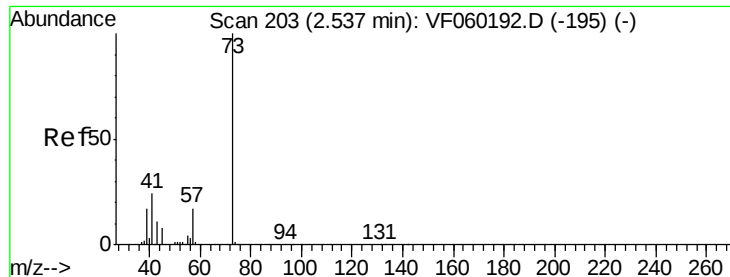
Tgt Ion: 76 Resp: 35921
Ion Ratio Lower Upper
76 100
78 8.1 8.6 13.0#



#18
Methyl Acetate
Concen: 31.928 ug/l
RT: 2.53 min Scan# 203
Delta R.T. 0.07 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

Tgt Ion: 43 Resp: 13313
Ion Ratio Lower Upper
43 100
74 12.1 11.0 16.4



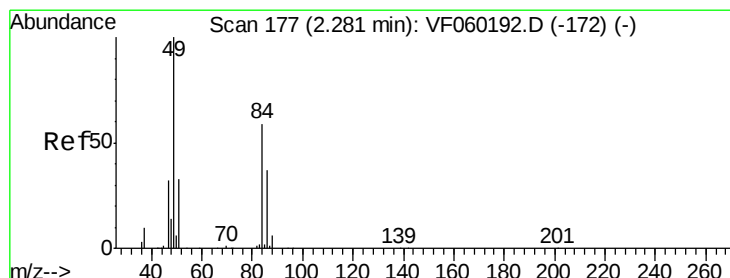
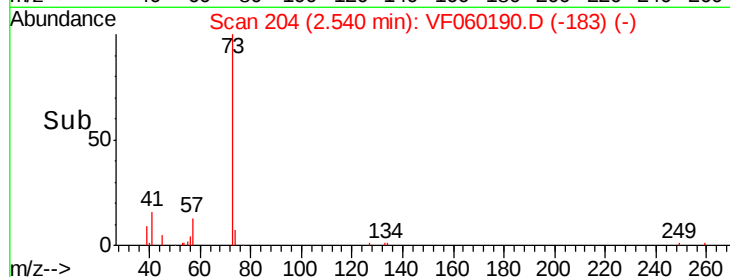
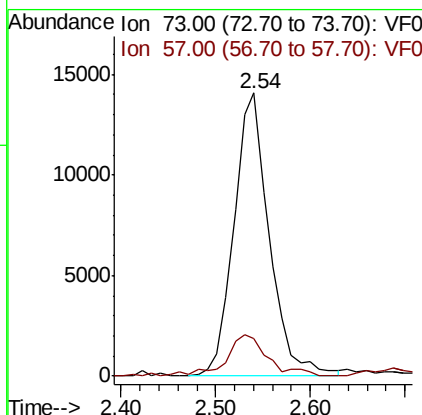
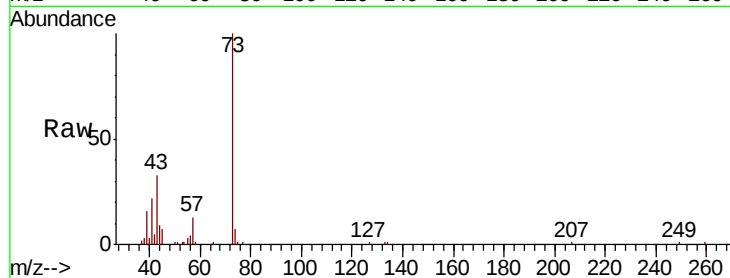


#19

Methyl tert-butyl Ether
 Concen: 24.073 ug/l
 RT: 2.54 min Scan# 204
 Delta R.T. 0.00 min
 Lab File: VF060190.D
 Acq: 29 Aug 2018 15:35

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

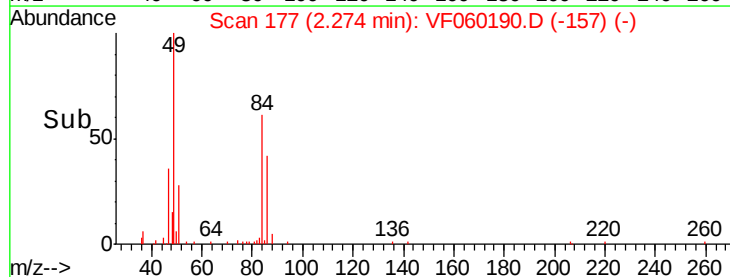
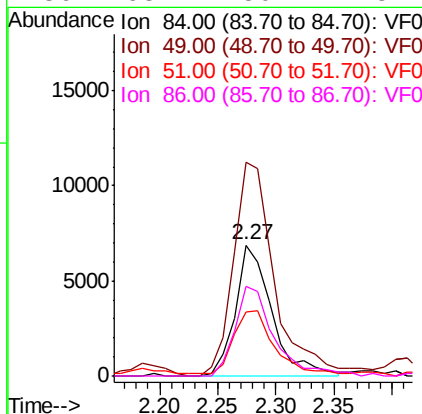
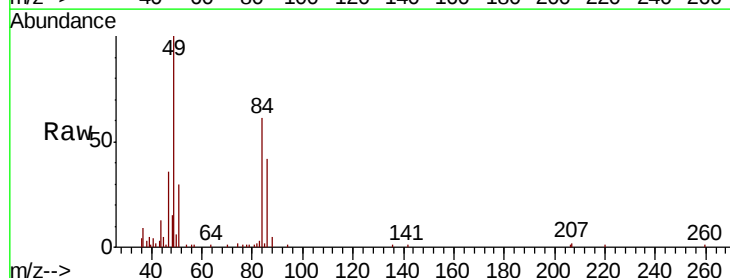
Tgt Ion: 73 Resp: 36417
 Ion Ratio Lower Upper
 73 100
 57 13.5 13.6 20.4#

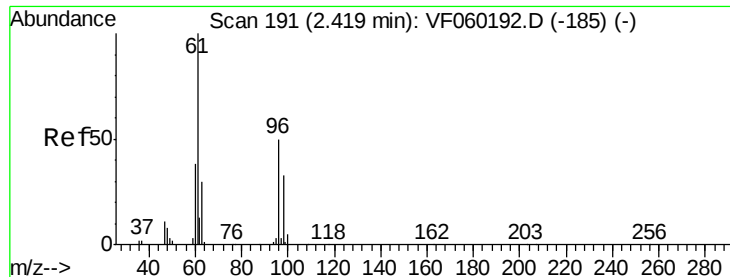


#20

Methylene Chloride
 Concen: 16.255 ug/l
 RT: 2.27 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VF060190.D
 Acq: 29 Aug 2018 15:35

Tgt Ion: 84 Resp: 14956
 Ion Ratio Lower Upper
 84 100
 49 163.6 136.4 204.6
 51 48.6 45.1 67.7
 86 68.2 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 9.869 ug/l

RT: 2.41 min Scan# 191

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

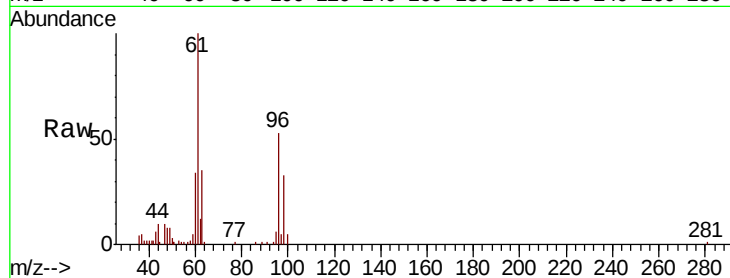
Tgt Ion: 96 Resp: 12036

Ion Ratio Lower Upper

96 100

61 187.4 159.8 239.8

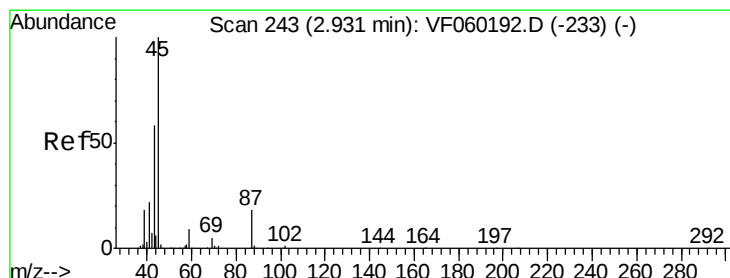
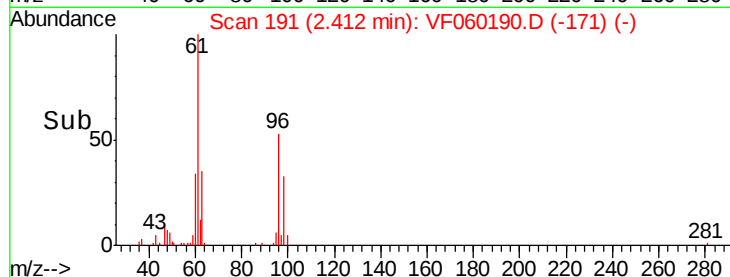
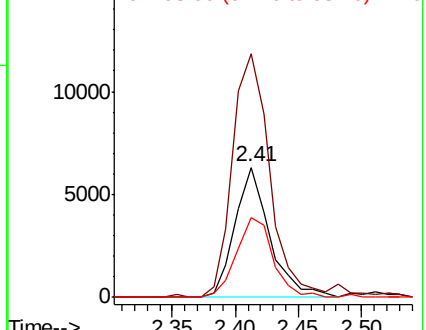
98 61.6 51.9 77.9



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: 16.353 ug/l

RT: 2.92 min Scan# 243

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Tgt Ion: 45 Resp: 38067

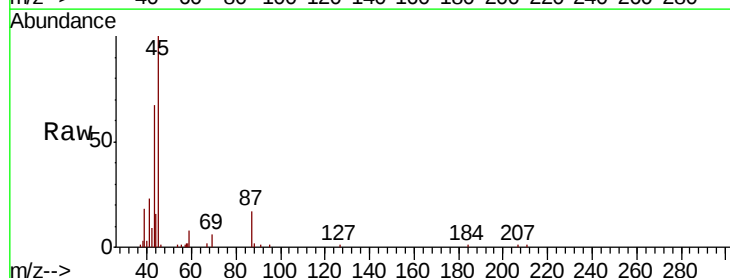
Ion Ratio Lower Upper

45 100

43 67.0 46.6 70.0

87 17.4 14.3 21.5

59 7.6 7.6 11.4

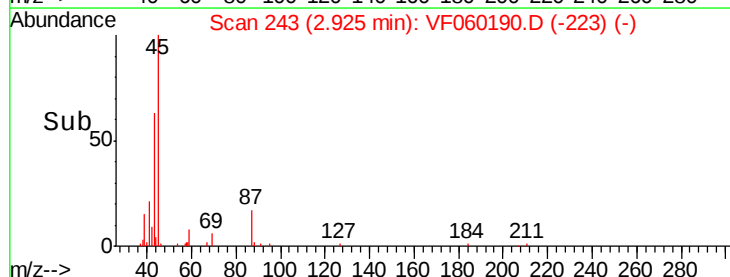
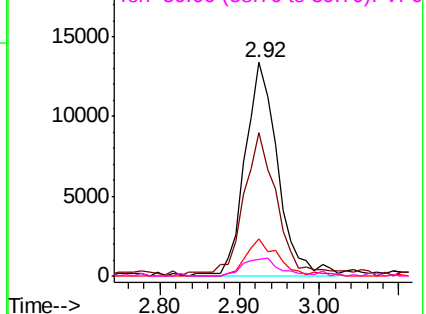


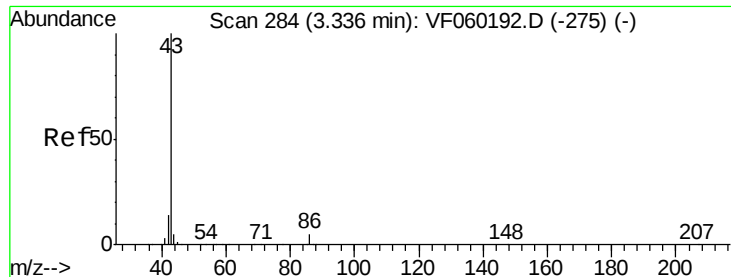
Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 125.812 ug/l

RT: 3.33 min Scan# 284

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

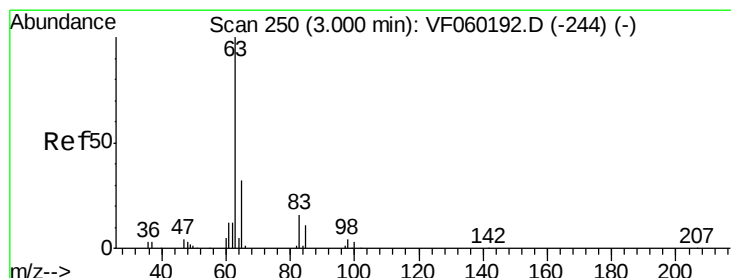
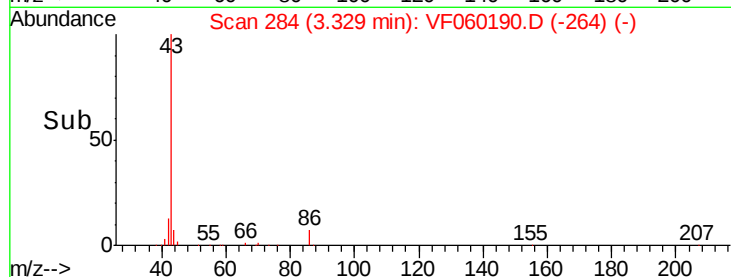
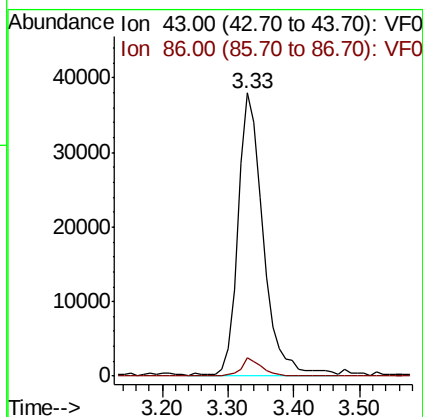
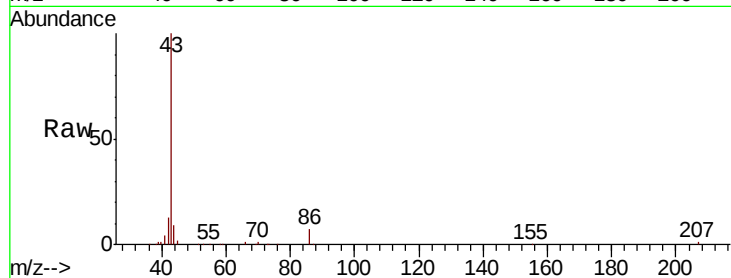
VSTDIC010

Tgt Ion: 43 Resp: 103401

Ion Ratio Lower Upper

43 100

86 6.6 4.0 6.0#



#24

1,1-Dichloroethane

Concen: 12.833 ug/l

RT: 3.00 min Scan# 251

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

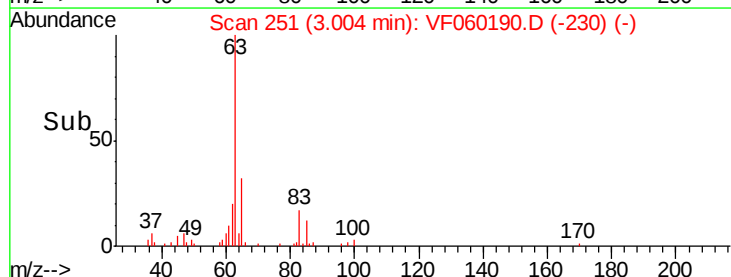
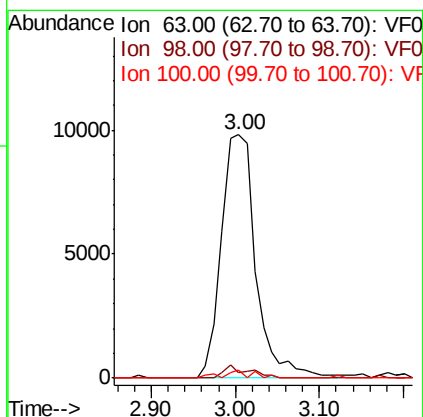
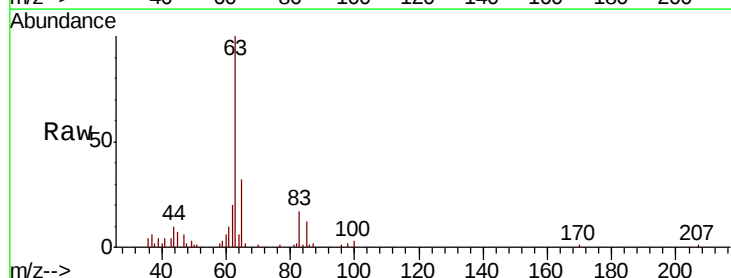
Tgt Ion: 63 Resp: 28064

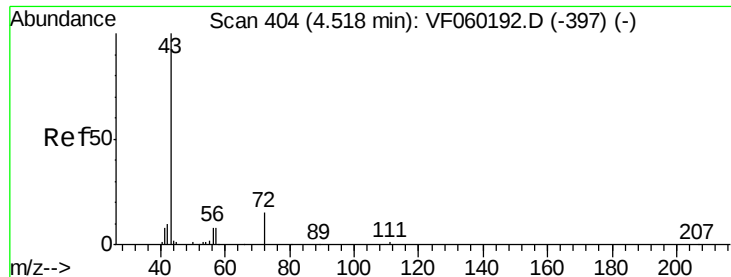
Ion Ratio Lower Upper

63 100

98 2.1 1.9 5.7

100 3.3 1.5 4.4





#25

2-Butanone

Concen: 181.890 ug/l

RT: 4.51 min Scan# 404

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

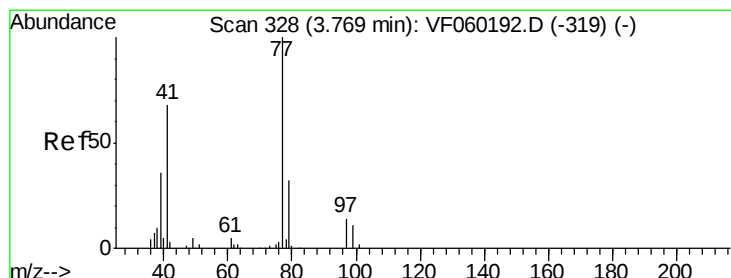
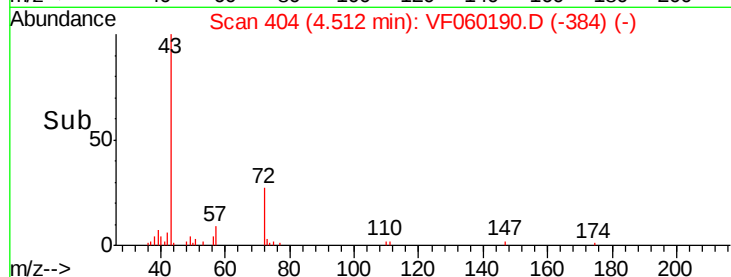
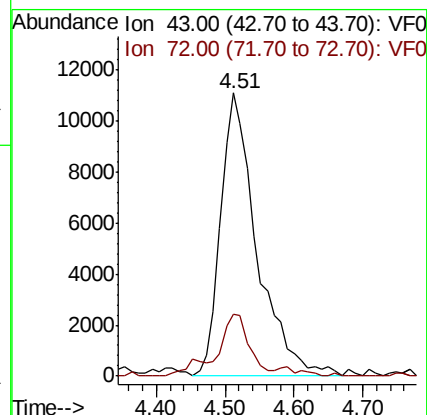
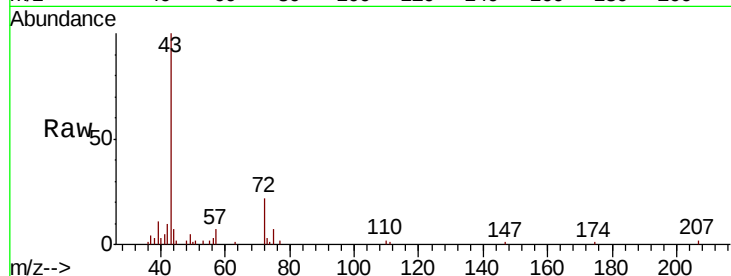
VSTDIC010

Tgt Ion: 43 Resp: 40658

Ion Ratio Lower Upper

43 100

72 21.9 14.4 21.6#



#26

2,2-Dichloropropane

Concen: 16.537 ug/l

RT: 3.76 min Scan# 328

Delta R.T. -0.01 min

Lab File: VF060190.D

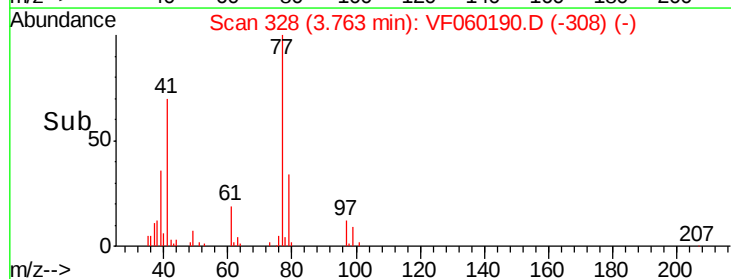
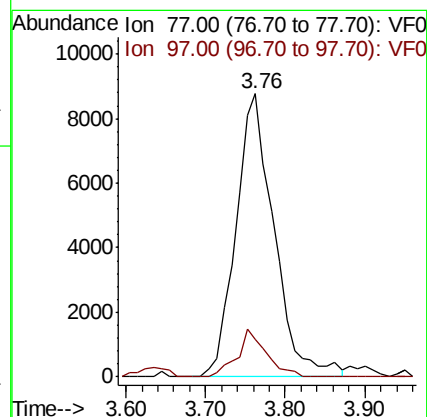
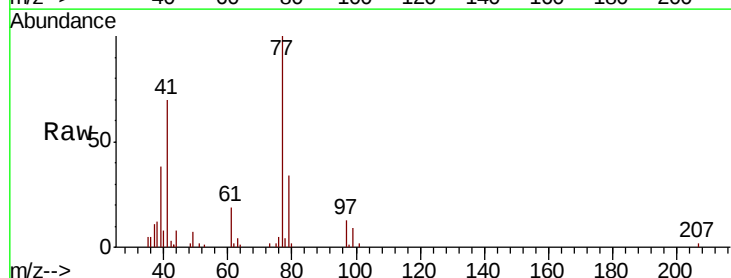
Acq: 29 Aug 2018 15:35

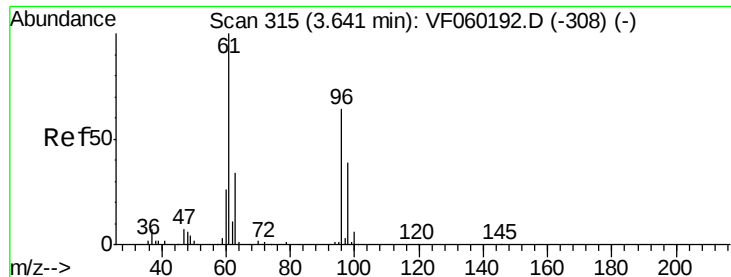
Tgt Ion: 77 Resp: 29117

Ion Ratio Lower Upper

77 100

97 13.2 7.1 21.4



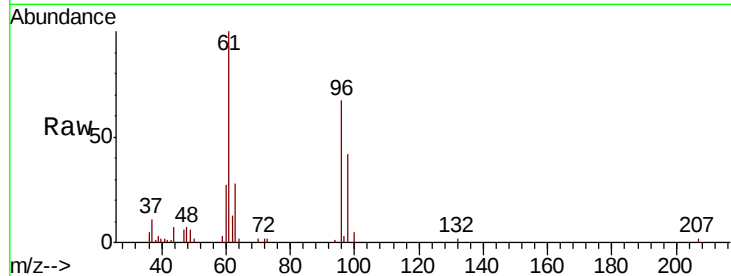


#27

cis-1,2-Dichloroethene
Concen: 16.605 ug/l
RT: 3.63 min Scan# 315
Delta R.T. -0.01 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	311.8
98	62.5	0.0	121.4

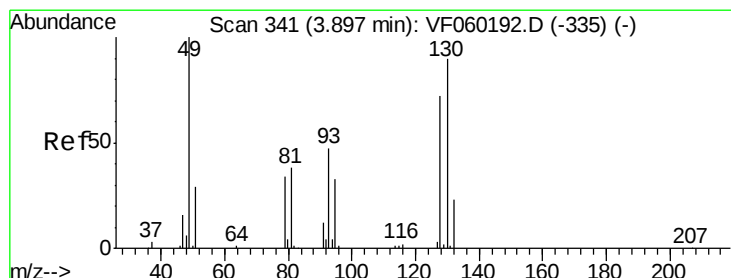
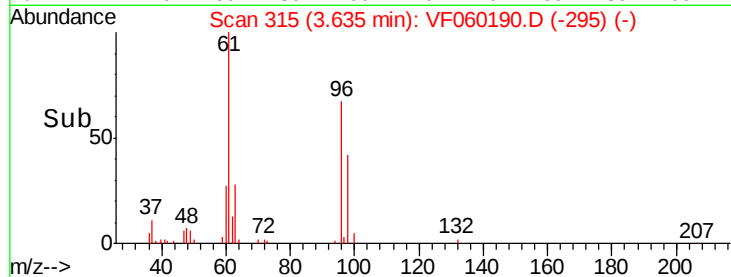
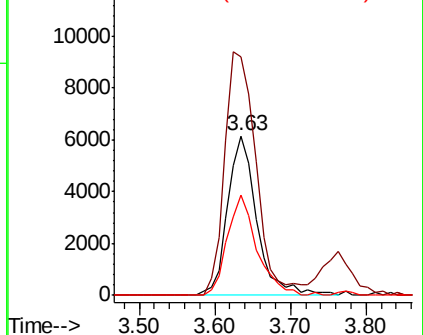


Abundance

Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

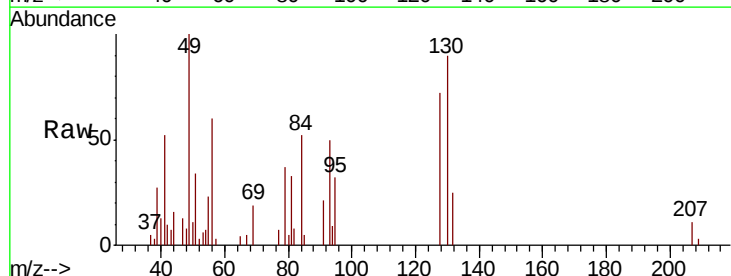
Ion 98.00 (97.70 to 98.70): VF0



#28

Bromochloromethane
Concen: 20.394 ug/l
RT: 3.89 min Scan# 341
Delta R.T. -0.01 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	89.7	70.3	105.5

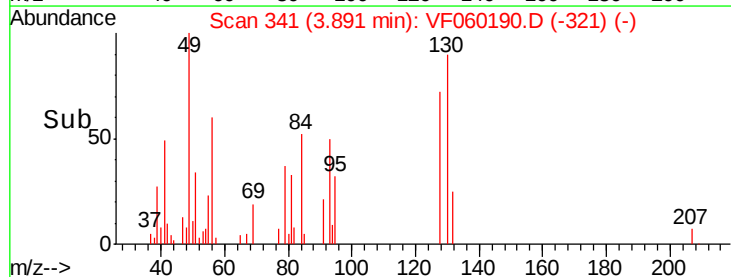
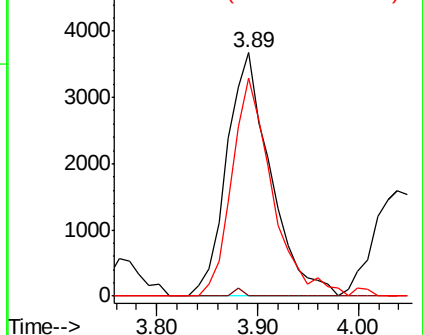


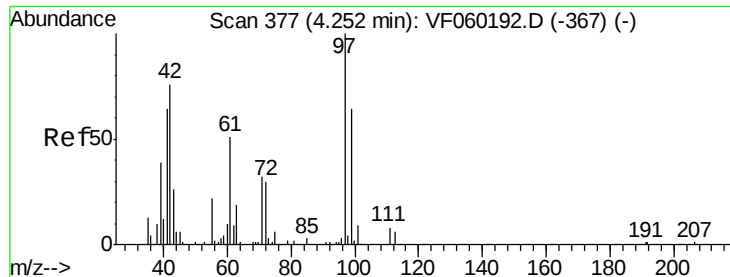
Abundance

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: 159.151 ug/l

RT: 4.26 min Scan# 378

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

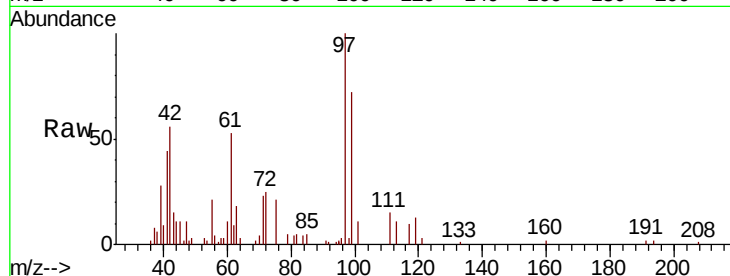
Tgt Ion: 42 Resp: 14470

Ion Ratio Lower Upper

42 100

72 36.8 28.2 42.2

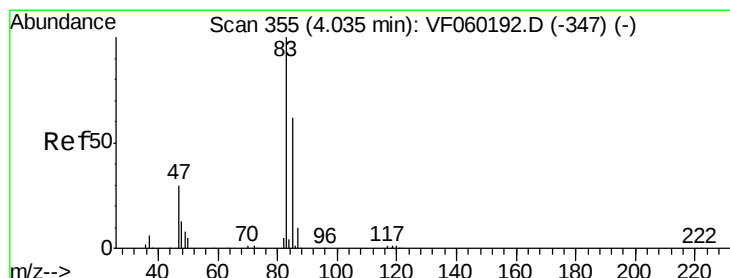
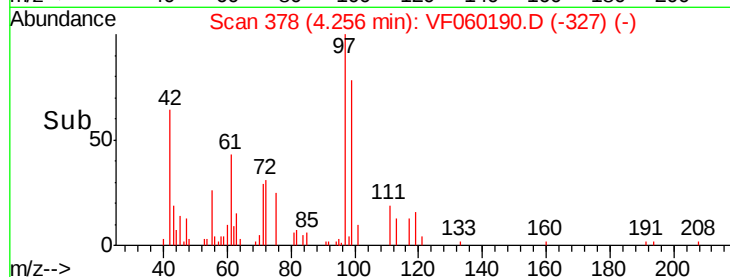
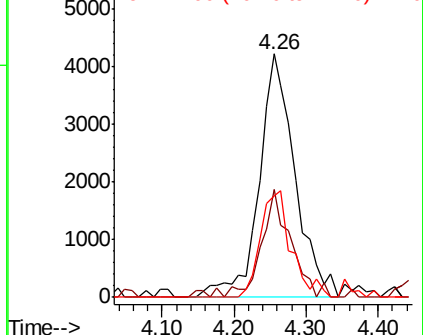
71 37.9 28.6 42.8



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: 16.002 ug/l

RT: 4.04 min Scan# 356

Delta R.T. 0.00 min

Lab File: VF060190.D

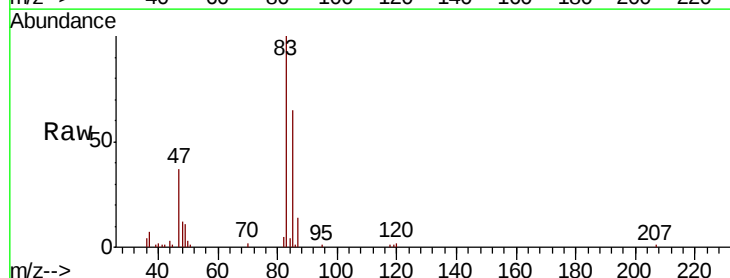
Acq: 29 Aug 2018 15:35

Tgt Ion: 83 Resp: 42650

Ion Ratio Lower Upper

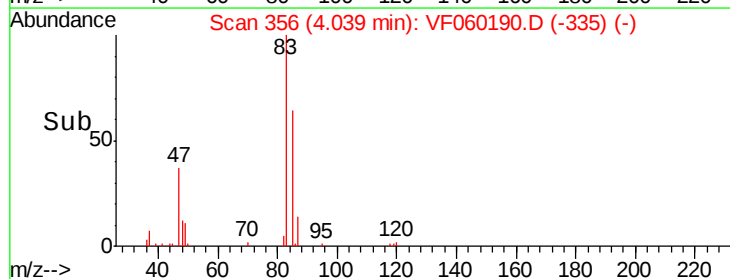
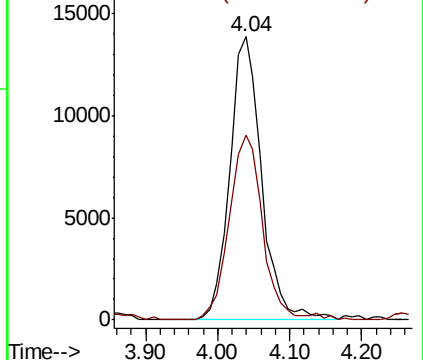
83 100

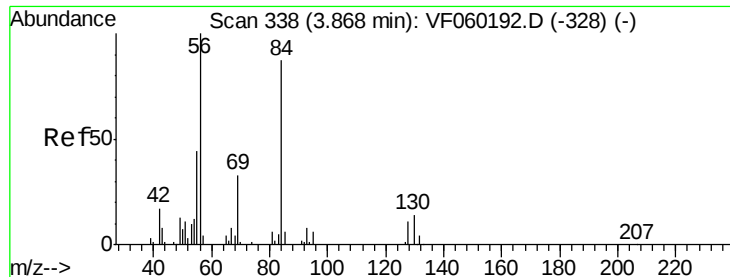
85 65.4 49.5 74.3



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

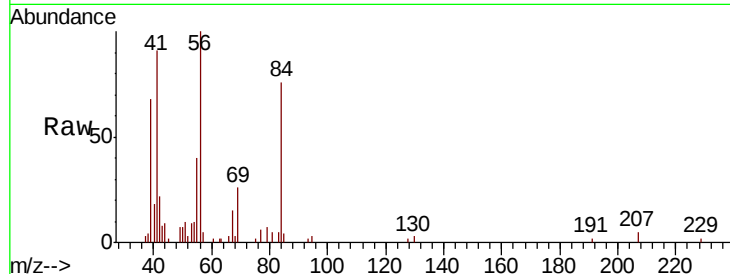




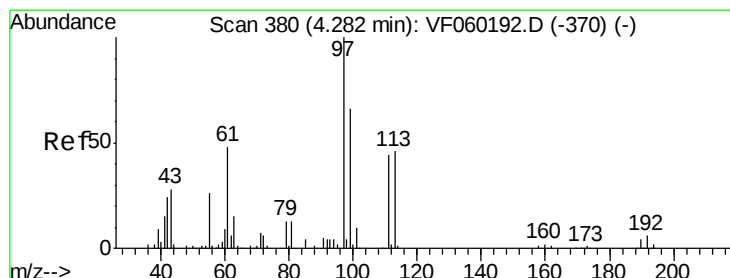
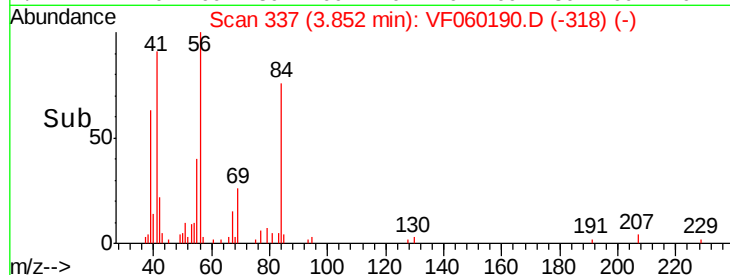
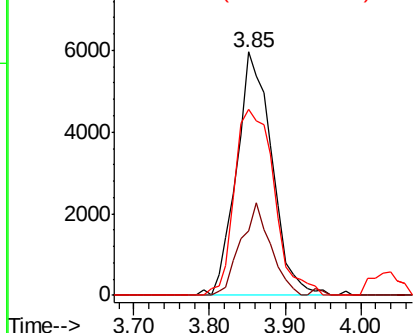
#31
Cyclohexane
Concen: 9.846 ug/l
RT: 3.85 min Scan# 337
Delta R.T. -0.02 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 19335
Ion Ratio Lower Upper
56 100
69 26.3 26.4 39.6#
84 76.5 69.9 104.9

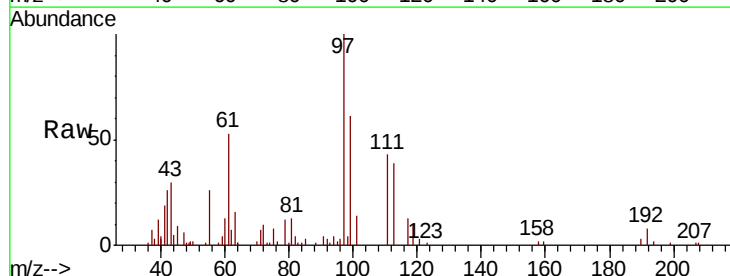


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

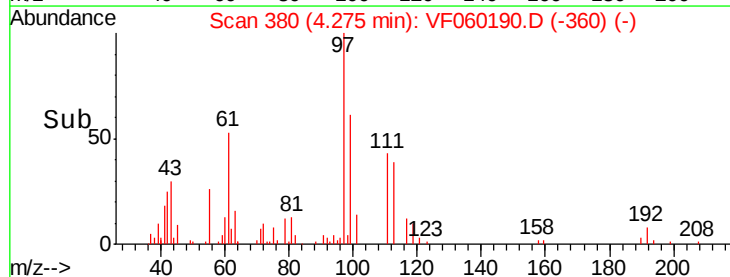
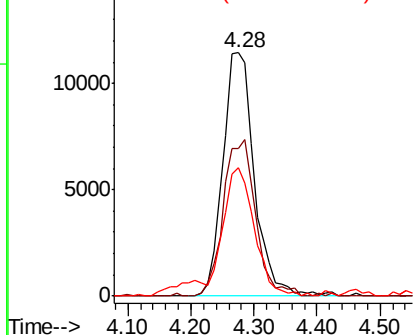


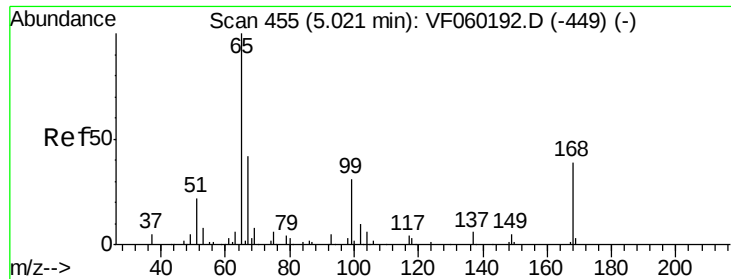
#32
1,1,1-Trichloroethane
Concen: 11.552 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.01 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

Tgt Ion: 97 Resp: 39651
Ion Ratio Lower Upper
97 100
99 60.6 53.0 79.6
61 52.5 38.9 58.3



Abundance Ion 97.00 (96.70 to 97.70): VF0
Ion 99.00 (98.70 to 99.70): VF0
Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 21.189 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

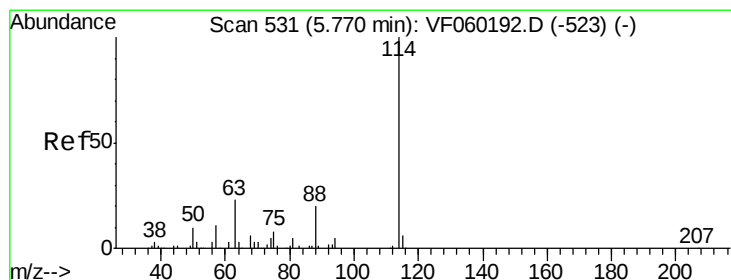
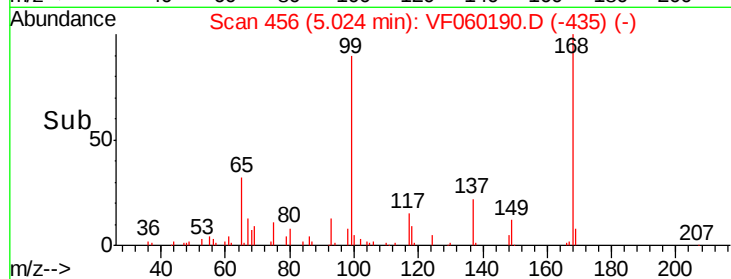
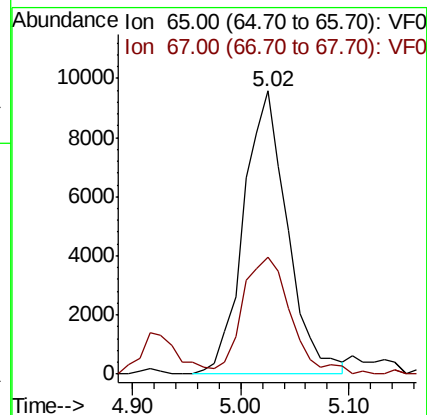
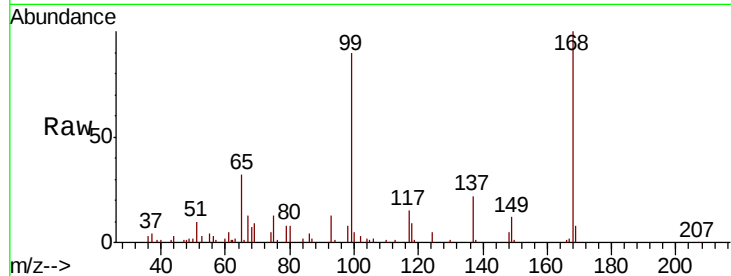
VSTDIC010

Tgt Ion: 65 Resp: 26939

Ion Ratio Lower Upper

65 100

67 41.5 0.0 87.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

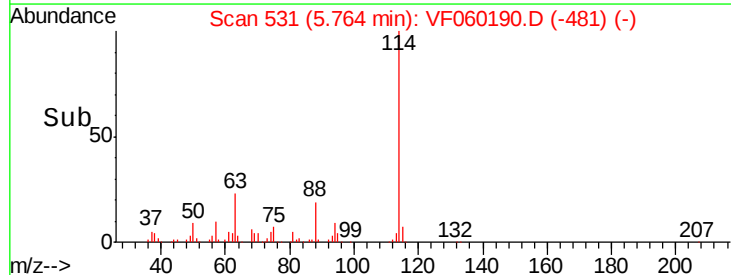
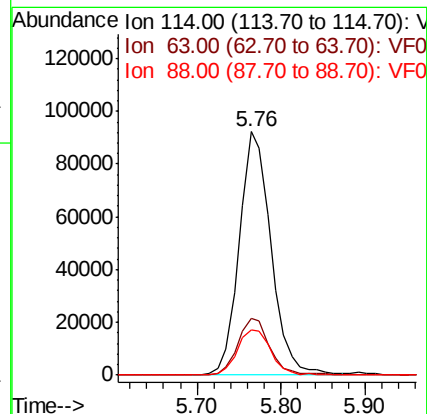
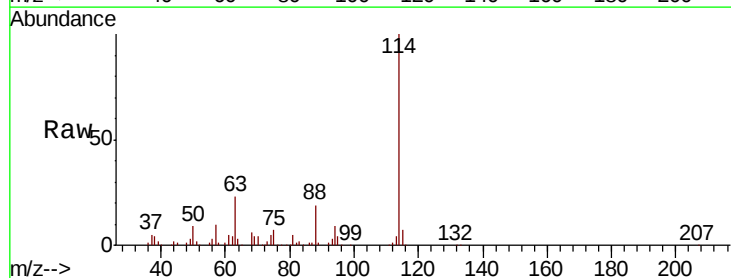
Tgt Ion: 114 Resp: 243054

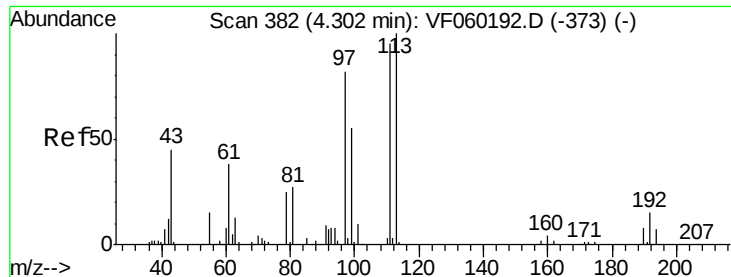
Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.4

88 18.6 0.0 40.4





#35

Dibromofluoromethane

Concen: 12.475 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

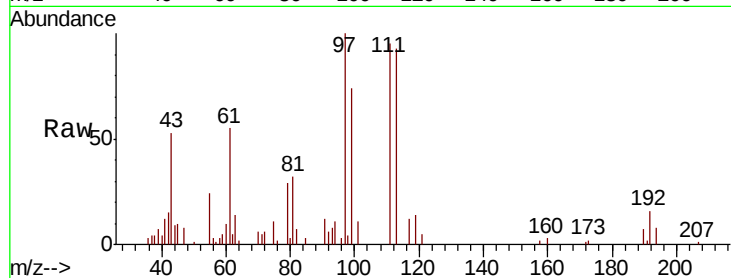
Tgt Ion:113 Resp: 21120

Ion Ratio Lower Upper

113 100

111 102.6 75.8 113.8

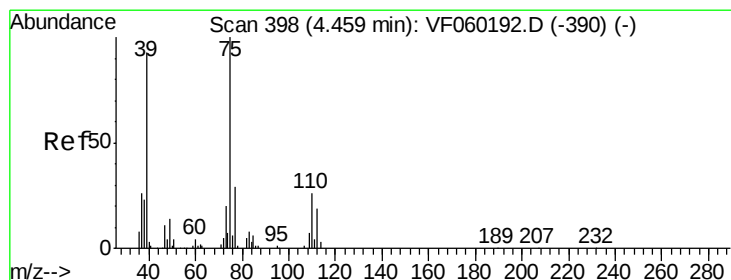
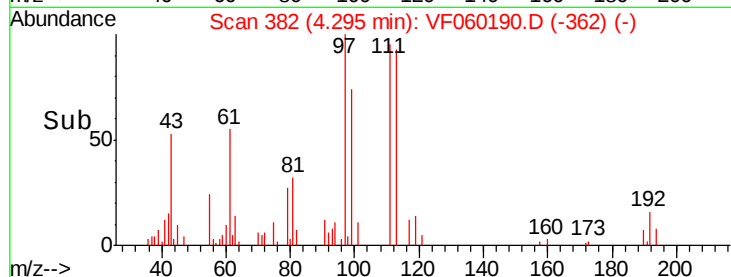
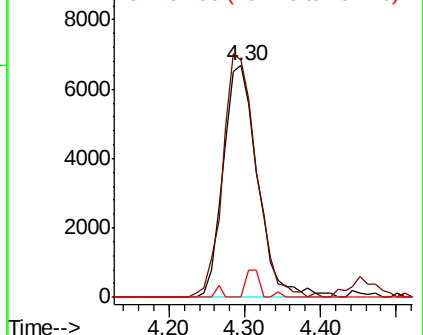
192 0.0 12.2 18.4#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 7.373 ug/l

RT: 4.45 min Scan# 398

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

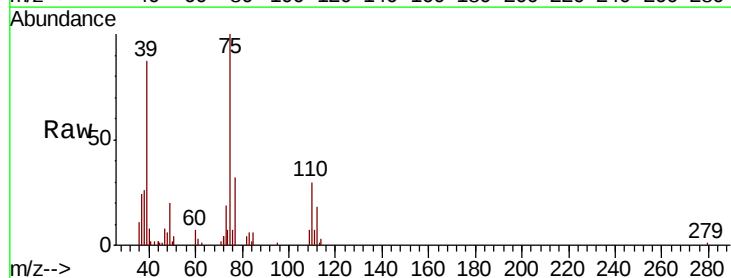
Tgt Ion: 75 Resp: 23998

Ion Ratio Lower Upper

75 100

110 30.3 13.0 38.9

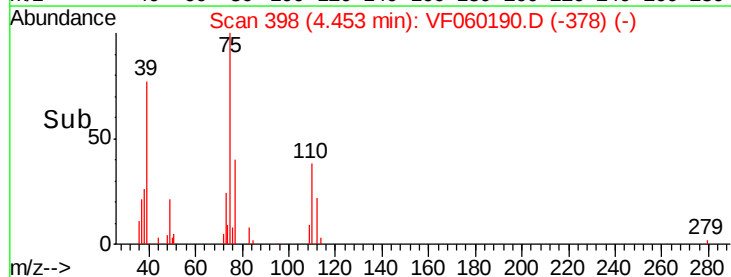
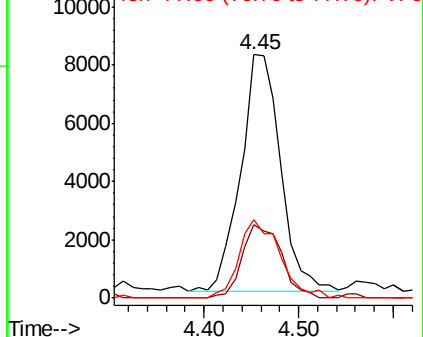
77 32.2 22.9 34.3

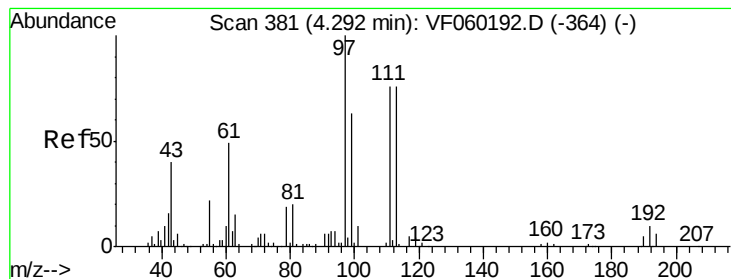


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: 23.538 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

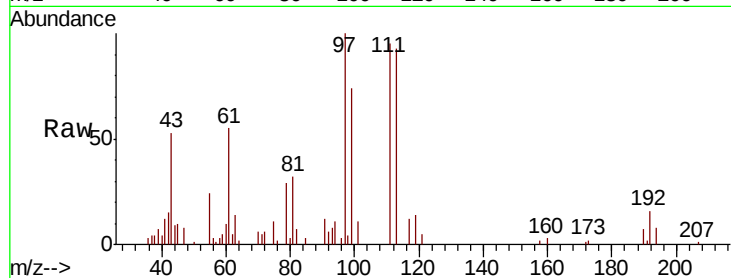
Tgt Ion: 43 Resp: 14643

Ion Ratio Lower Upper

43 100

61 103.2 97.2 145.8

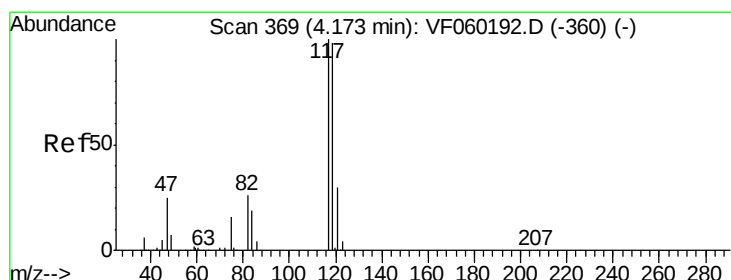
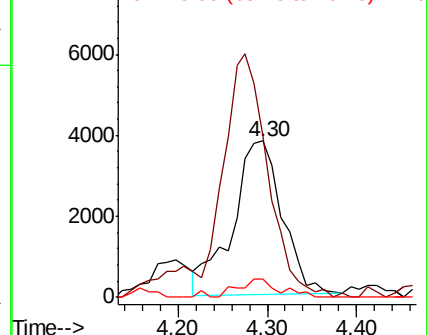
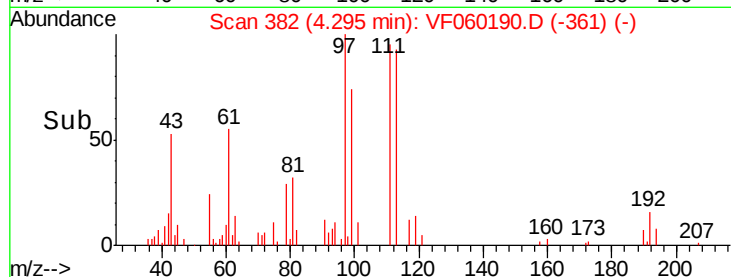
70 11.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#38

Carbon Tetrachloride

Concen: 7.841 ug/l

RT: 4.17 min Scan# 369

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

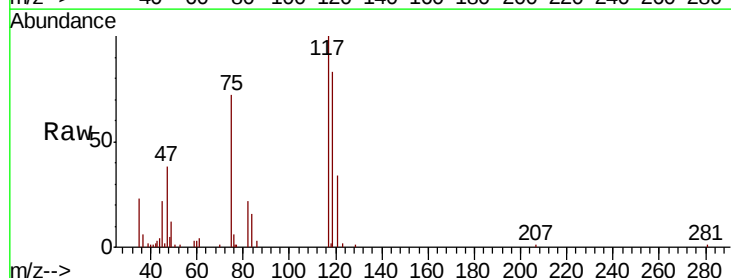
Tgt Ion: 117 Resp: 34604

Ion Ratio Lower Upper

117 100

119 83.5 79.0 118.6

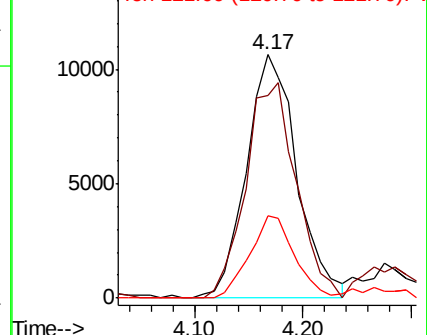
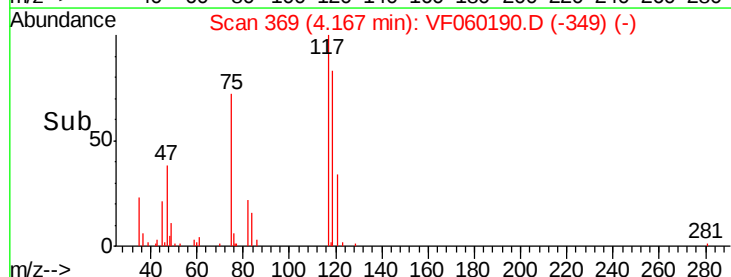
121 34.1 24.6 37.0

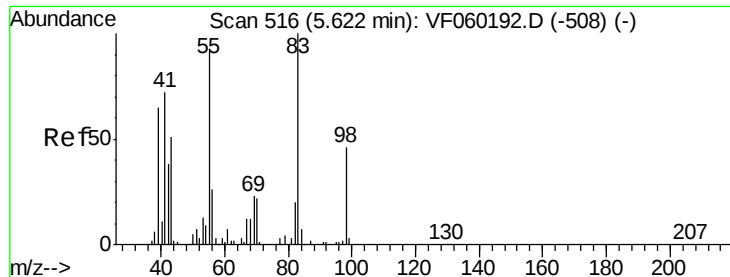


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V

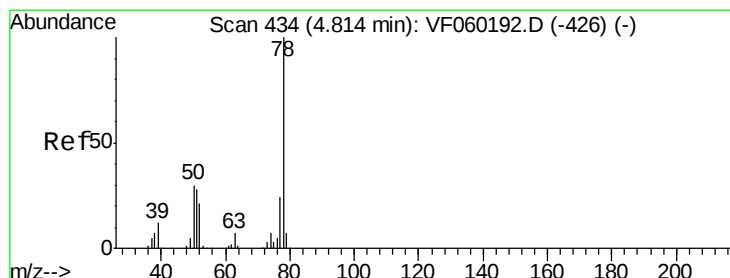
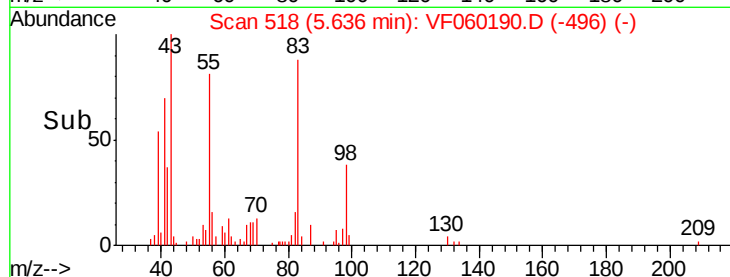
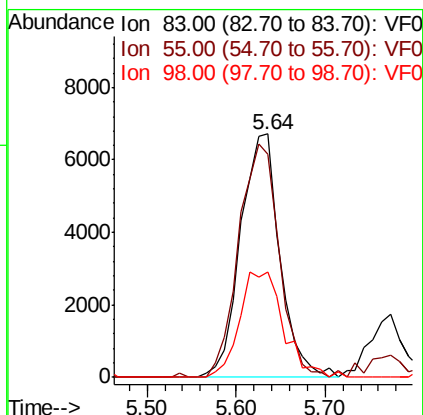
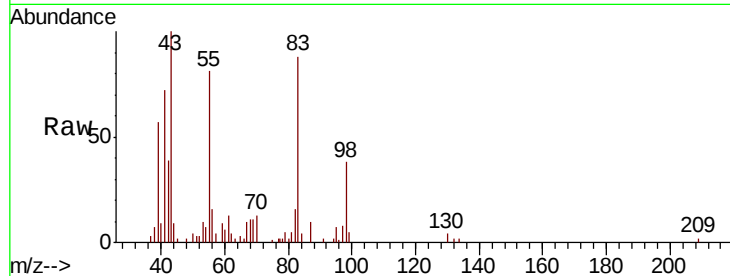




#39
Methylcyclohexane
Concen: 6.770 ug/l
RT: 5.64 min Scan# 518
Delta R.T. 0.01 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

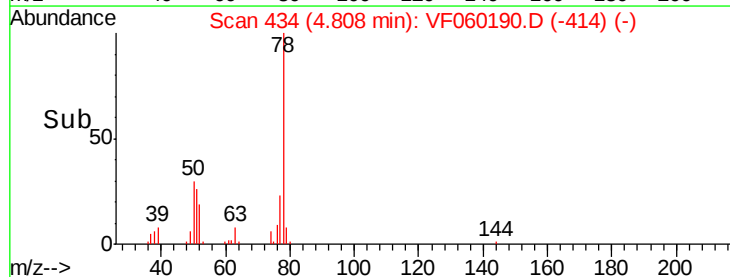
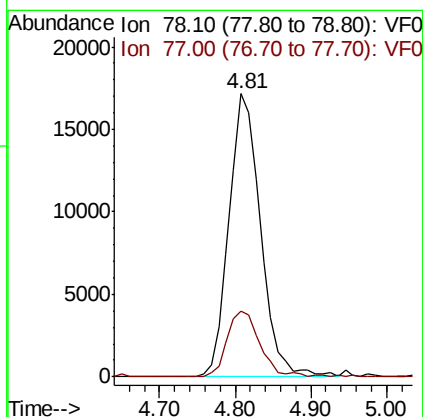
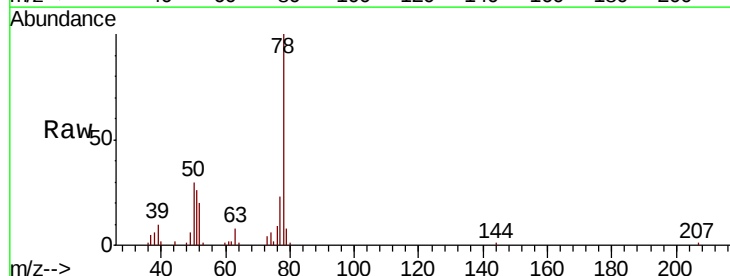
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

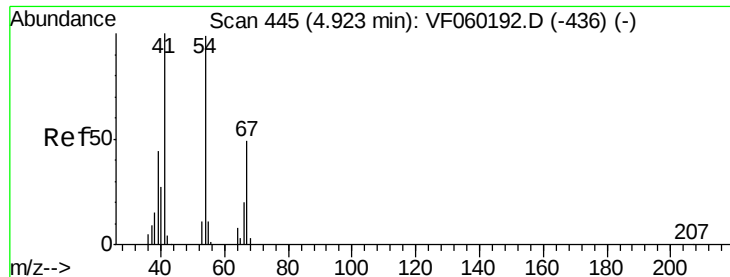
Tgt Ion: 83 Resp: 20584
Ion Ratio Lower Upper
83 100
55 91.4 74.5 111.7
98 43.5 36.7 55.1



#40
Benzene
Concen: 10.539 ug/l
RT: 4.81 min Scan# 434
Delta R.T. -0.01 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

Tgt Ion: 78 Resp: 49474
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41

Methacrylonitrile

Concen: 22.105 ug/l

RT: 4.93 min Scan# 446

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 7070

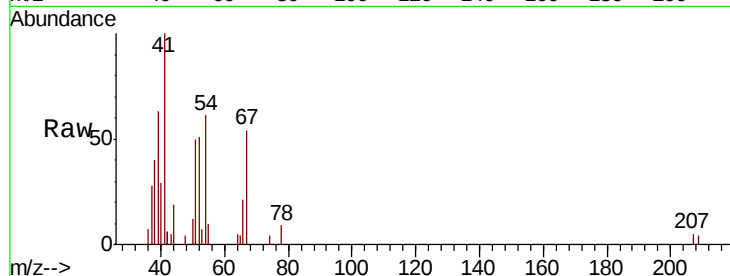
Ion Ratio Lower Upper

41 100

39 63.1 64.5 96.7#

67 53.7 38.5 57.7

52 51.2 47.1 70.7



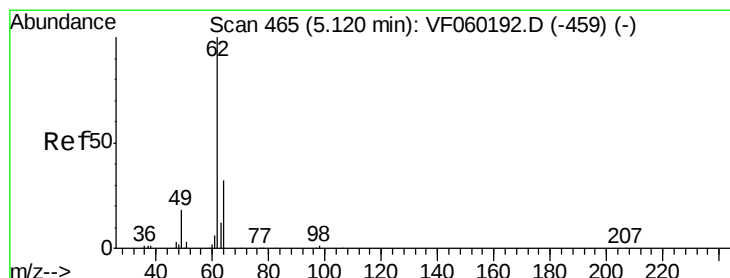
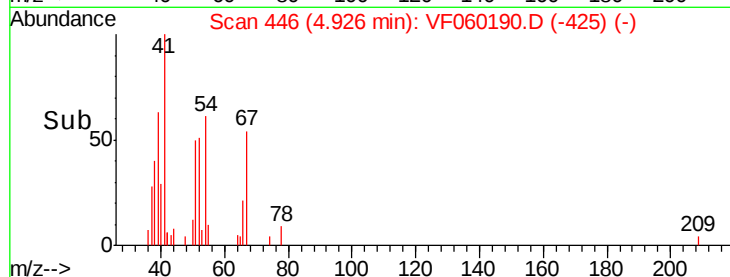
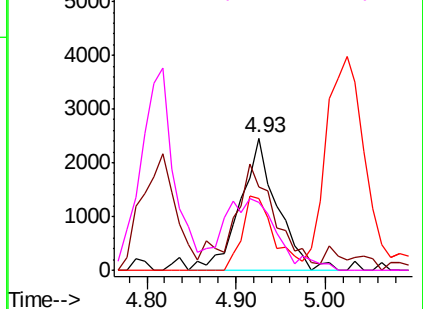
Abundance

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 16.782 ug/l

RT: 5.11 min Scan# 465

Delta R.T. -0.01 min

Lab File: VF060190.D

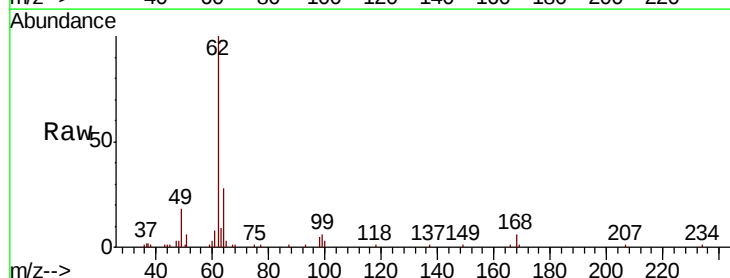
Acq: 29 Aug 2018 15:35

Tgt Ion: 62 Resp: 33437

Ion Ratio Lower Upper

62 100

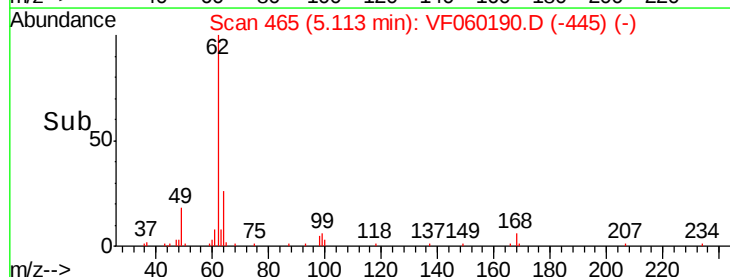
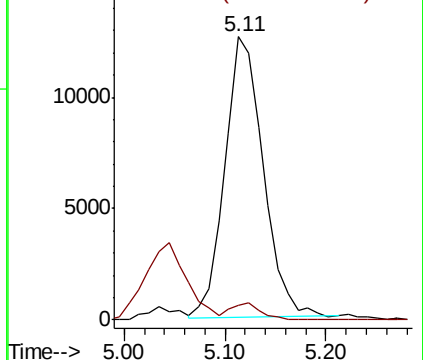
98 5.0 0.0 9.2

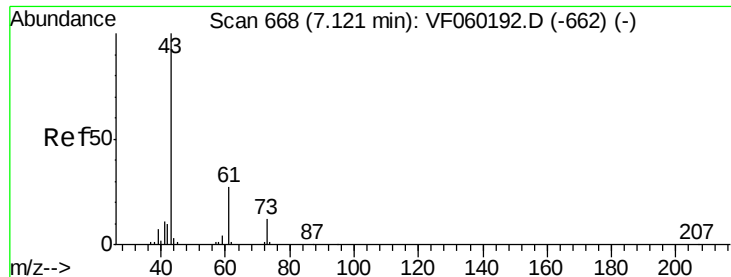


Abundance

Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 24.022 ug/l

RT: 7.12 min Scan# 669

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

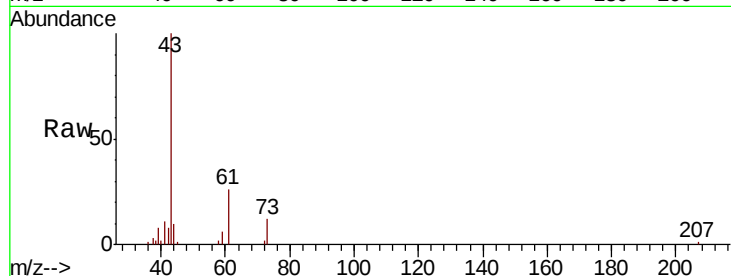
Tgt Ion: 43 Resp: 18267

Ion Ratio Lower Upper

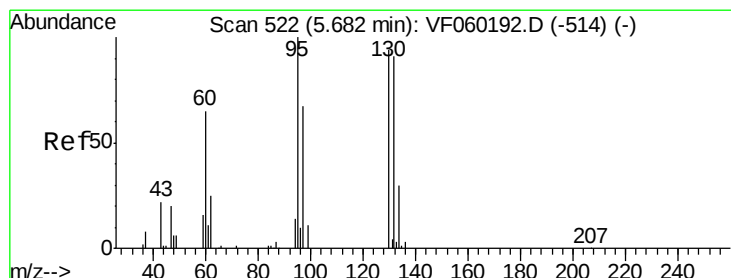
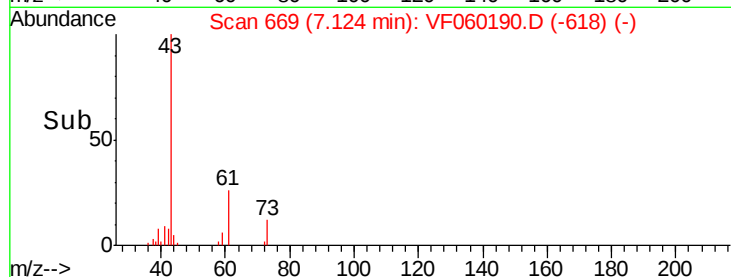
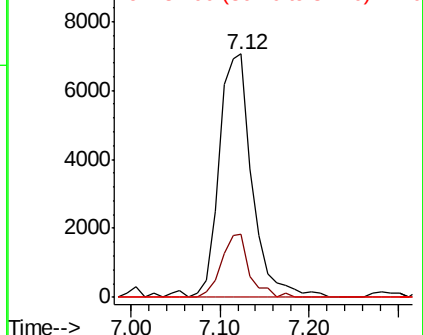
43 100

61 26.2 21.4 32.0

87 0.0 0.3 0.5#



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: 9.196 ug/l

RT: 5.68 min Scan# 522

Delta R.T. -0.01 min

Lab File: VF060190.D

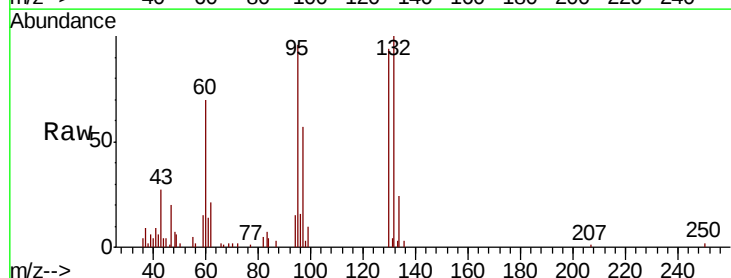
Acq: 29 Aug 2018 15:35

Tgt Ion: 130 Resp: 17828

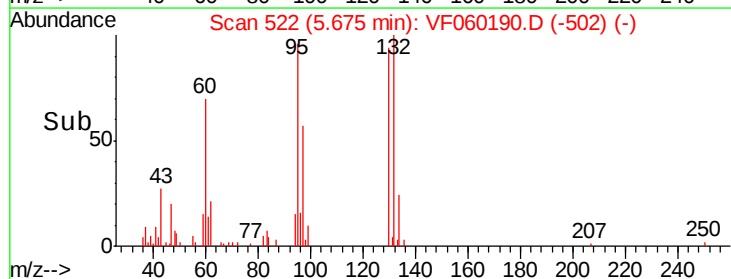
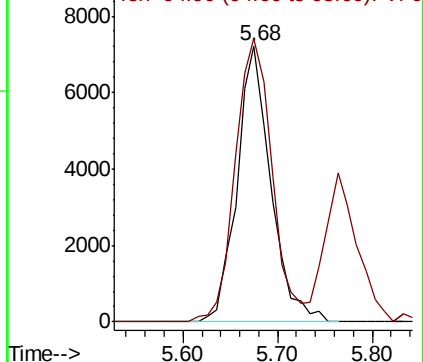
Ion Ratio Lower Upper

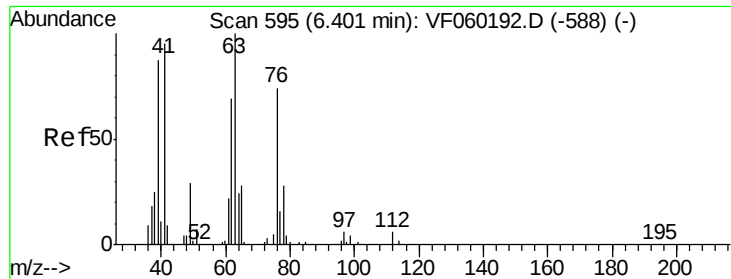
130 100

95 102.4 0.0 213.4



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





#45

1,2-Dichloropropane

Concen: 13.898 ug/l

RT: 6.40 min Scan# 596

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

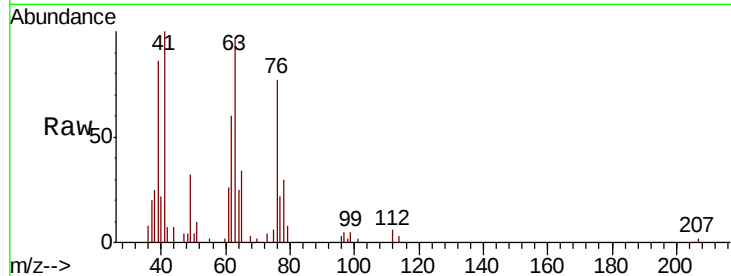
VSTDIC010

Tgt Ion: 63 Resp: 14850

Ion Ratio Lower Upper

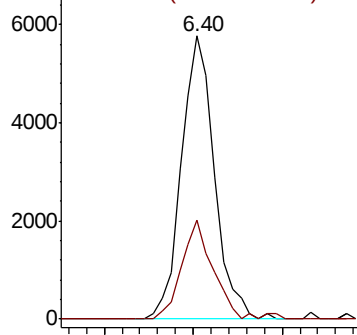
63 100

65 35.0 22.2 33.4#

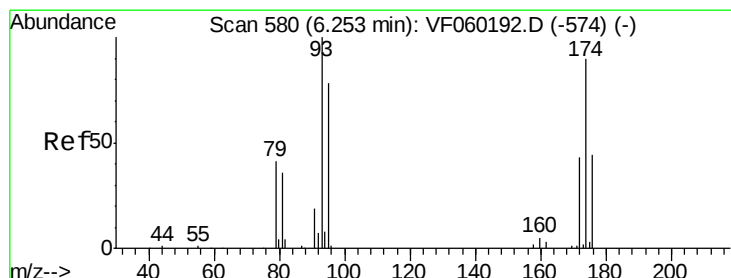
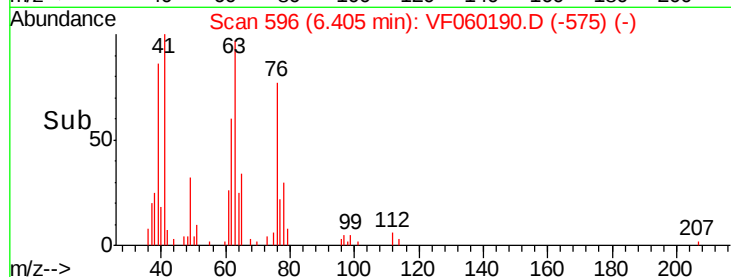


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



Time-->



#46

Dibromomethane

Concen: 21.703 ug/l

RT: 6.26 min Scan# 581

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

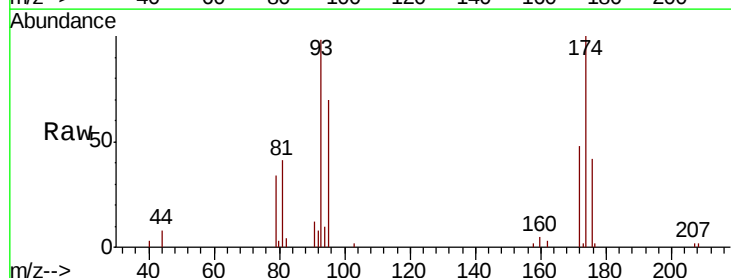
Tgt Ion: 93 Resp: 14328

Ion Ratio Lower Upper

93 100

95 71.3 63.4 95.2

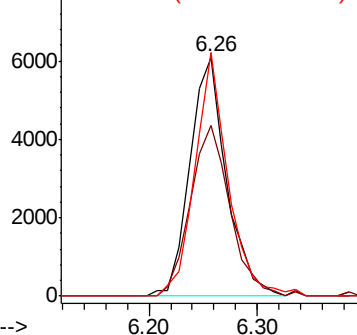
174 101.9 72.0 108.0



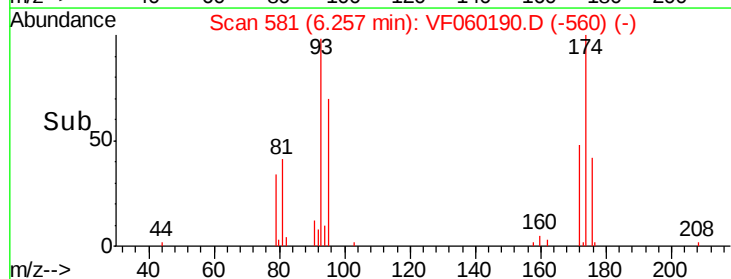
Abundance Ion 93.00 (92.70 to 93.70): VF0

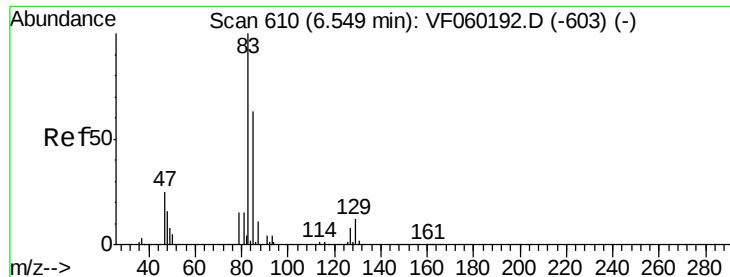
Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V



Time-->





#47

Bromodichloromethane

Concen: 14.716 ug/l

RT: 6.55 min Scan# 611

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

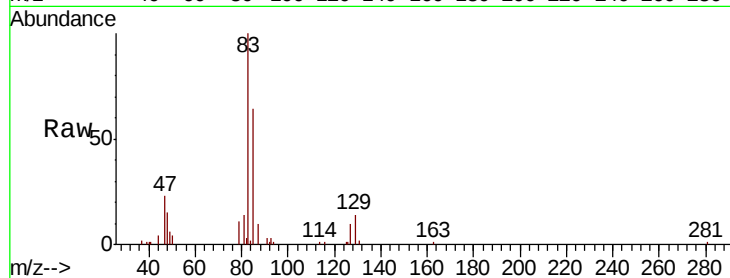
Tgt Ion: 83 Resp: 31929

Ion Ratio Lower Upper

83 100

85 64.4 50.1 75.1

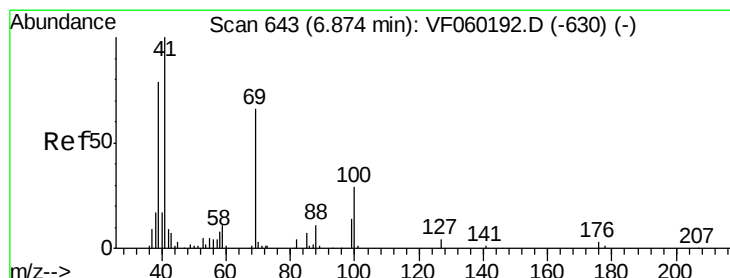
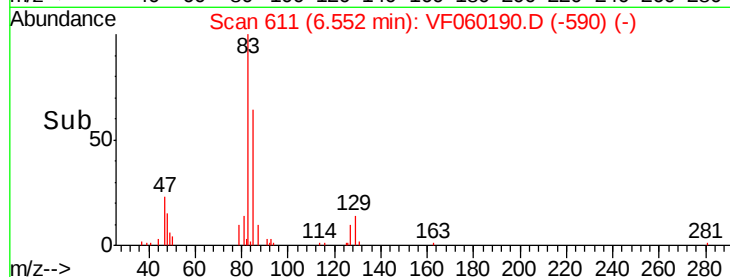
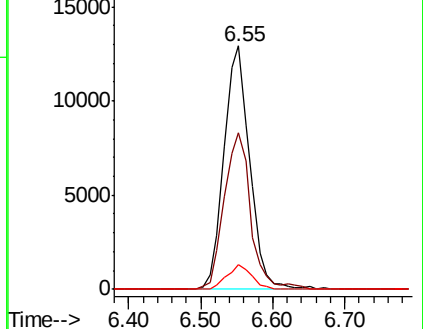
127 10.0 6.6 10.0#



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: 20.071 ug/l

RT: 6.88 min Scan# 644

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

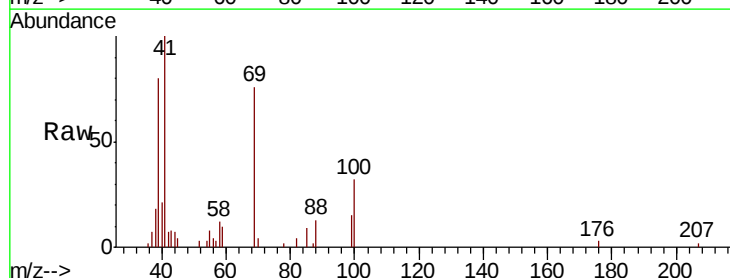
Tgt Ion: 41 Resp: 12122

Ion Ratio Lower Upper

41 100

69 75.9 52.4 78.6

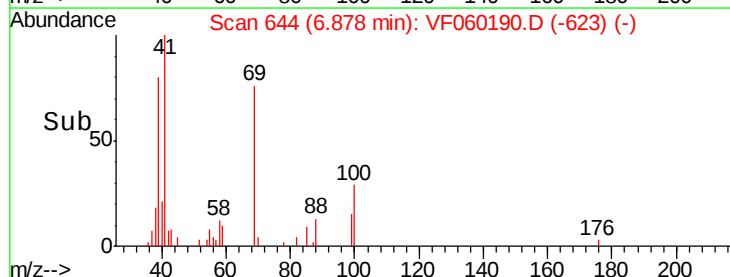
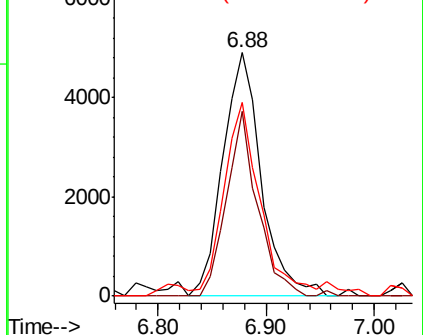
39 79.8 63.6 95.4

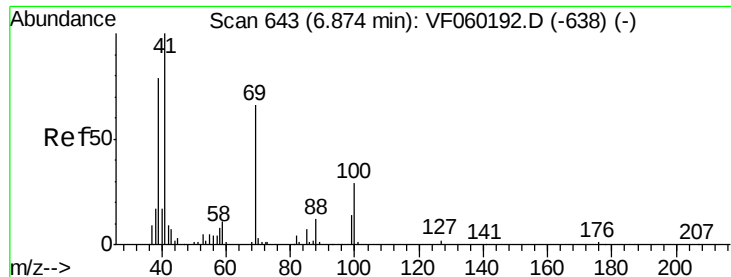


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

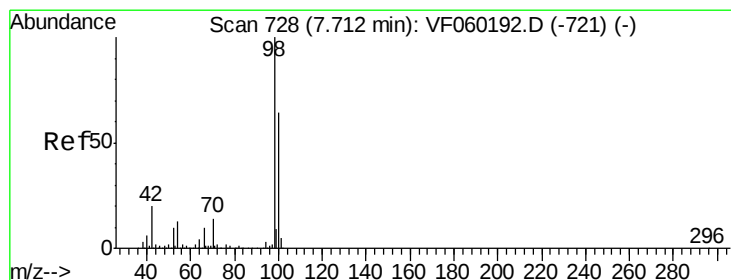
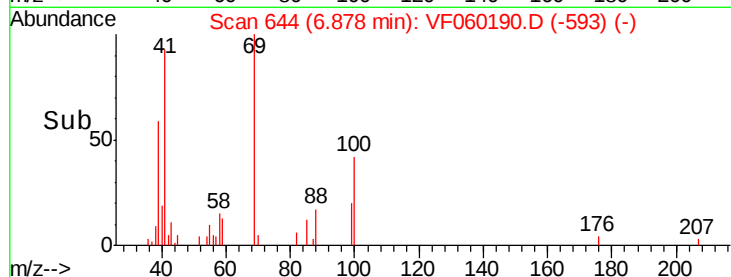
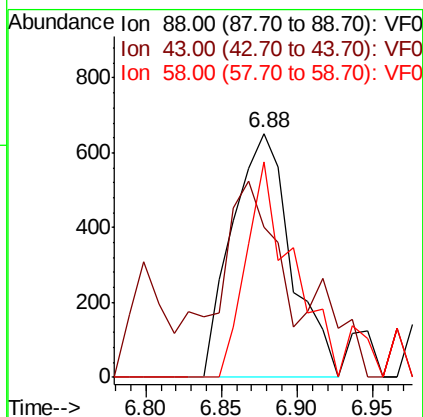
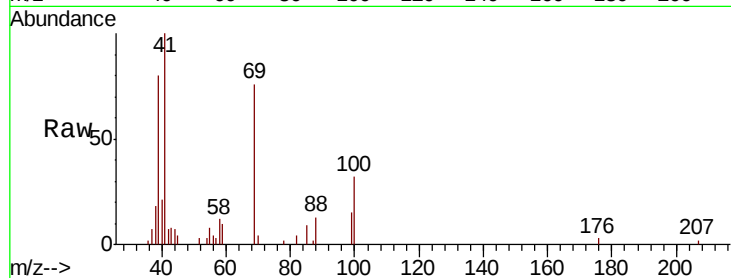




#49
1,4-Dioxane
Concen: 424.813 ug/l
RT: 6.88 min Scan# 644
Delta R.T. 0.00 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

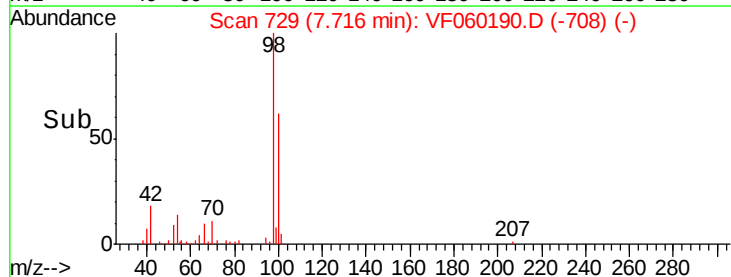
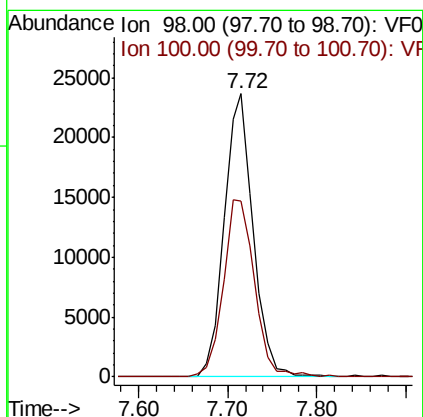
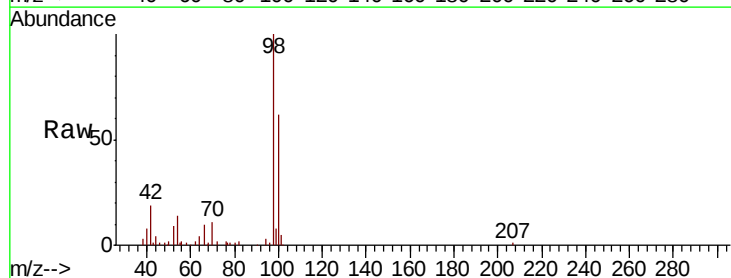
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

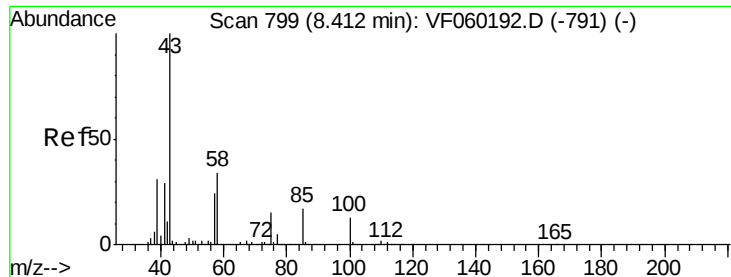
Tgt Ion: 88 Resp: 1780
Ion Ratio Lower Upper
88 100
43 61.4 56.5 84.7
58 88.5 53.5 80.3#



#50
Toluene-d8
Concen: 9.905 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

Tgt Ion: 98 Resp: 53716
Ion Ratio Lower Upper
98 100
100 62.2 51.2 76.8

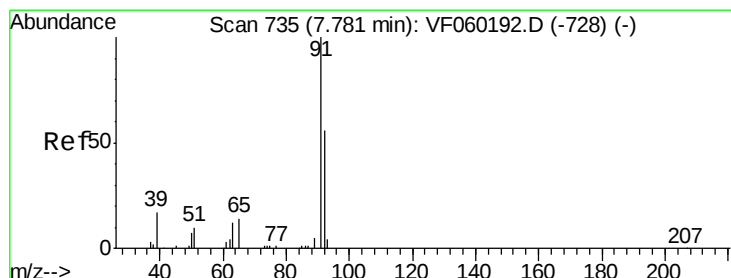
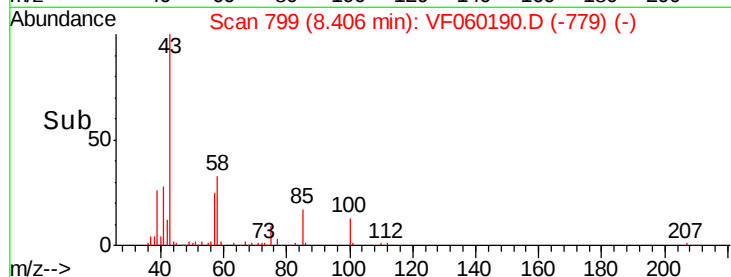
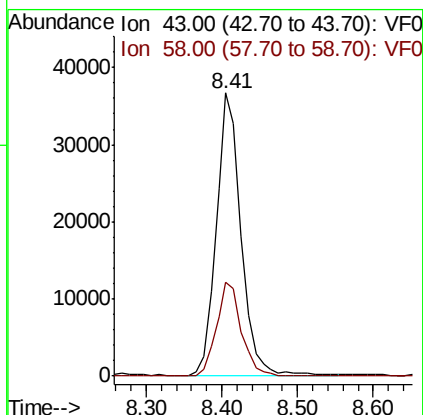
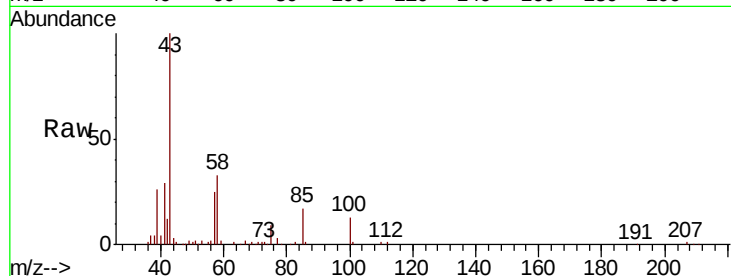




#51
 4-Methyl-2-Pentanone
 Concen: 122.678 ug/l
 RT: 8.41 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: VF060190.D
 Acq: 29 Aug 2018 15:35

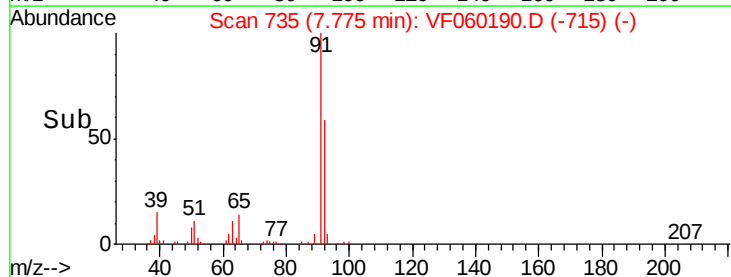
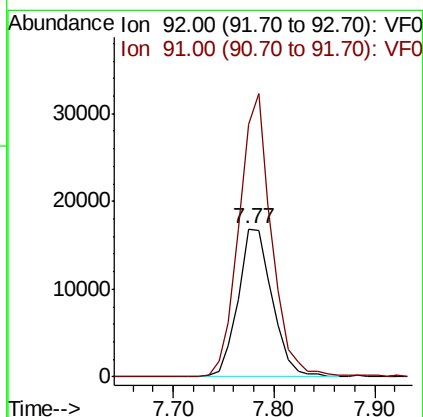
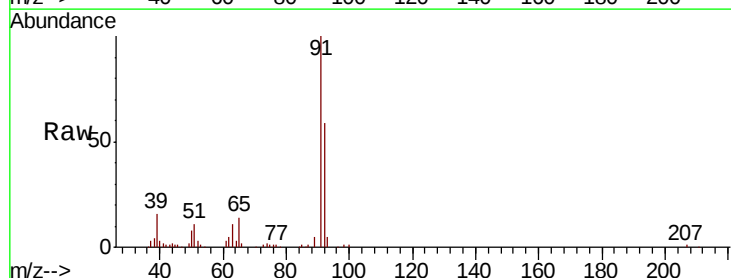
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

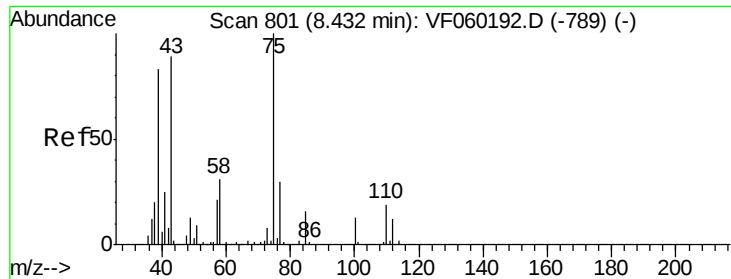
Tgt Ion: 43 Resp: 84209
 Ion Ratio Lower Upper
 43 100
 58 33.3 27.2 40.8



#52
 Toluene
 Concen: 11.194 ug/l
 RT: 7.77 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: VF060190.D
 Acq: 29 Aug 2018 15:35

Tgt Ion: 92 Resp: 39780
 Ion Ratio Lower Upper
 92 100
 91 170.7 143.2 214.8





#53

t-1,3-Dichloropropene

Concen: 20.430 ug/l

RT: 8.43 min Scan# 801

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

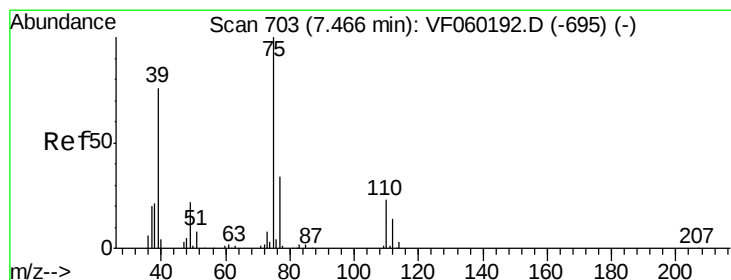
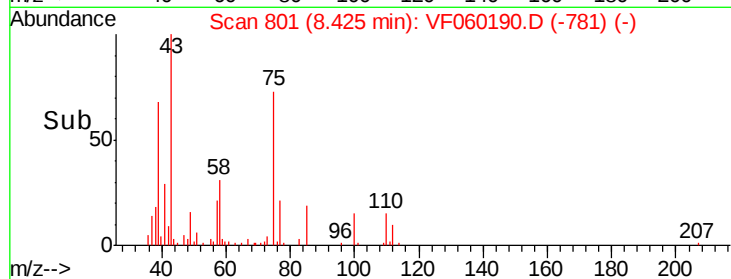
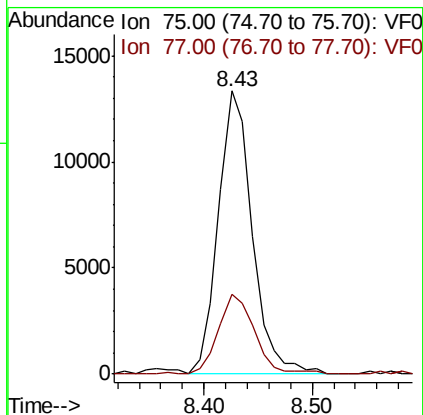
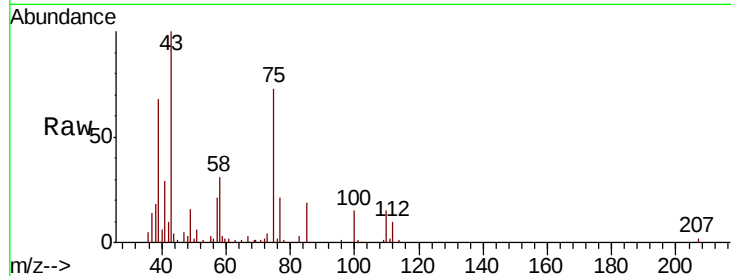
VSTDIC010

Tgt Ion: 75 Resp: 29182

Ion Ratio Lower Upper

75 100

77 28.0 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 16.836 ug/l

RT: 7.46 min Scan# 703

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

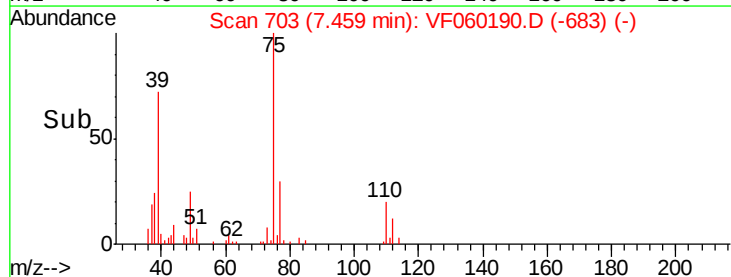
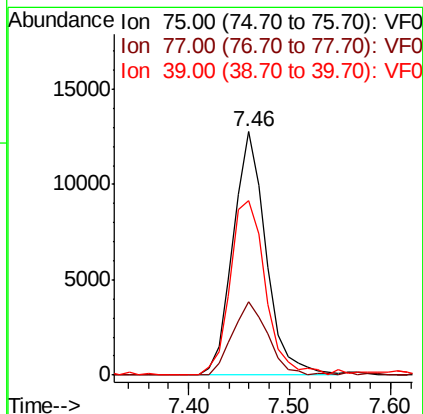
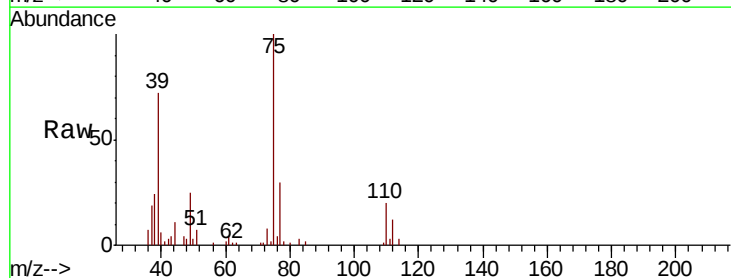
Tgt Ion: 75 Resp: 29150

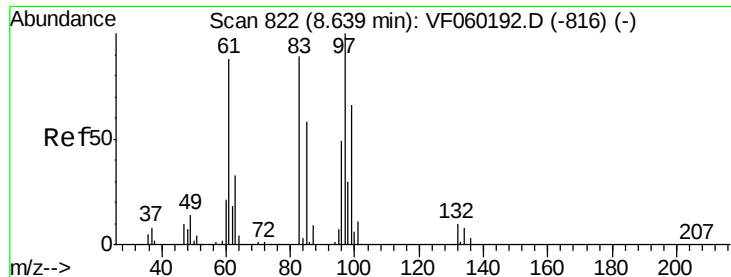
Ion Ratio Lower Upper

75 100

77 29.9 27.0 40.4

39 71.9 61.4 92.0





#55

1,1,2-Trichloroethane

Concen: 18.566 ug/l

RT: 8.64 min Scan# 823

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 14327

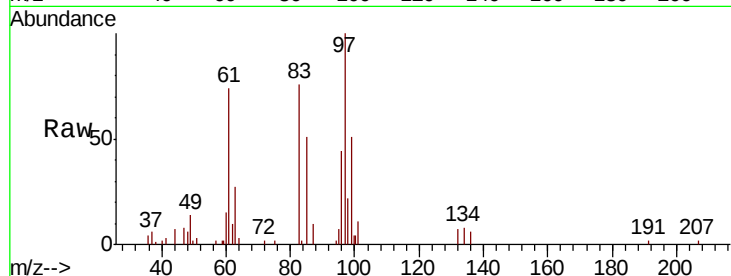
Ion Ratio Lower Upper

97 100

83 76.3 71.0 106.4

85 50.6 46.6 70.0

99 50.8 52.7 79.1#

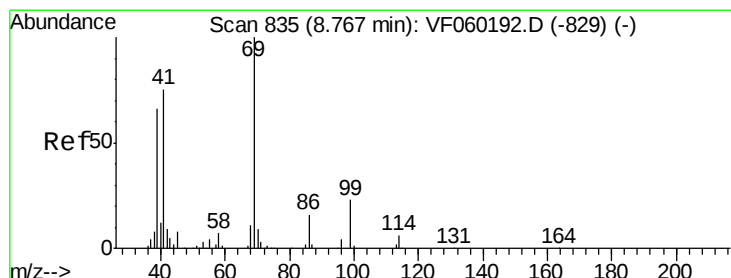
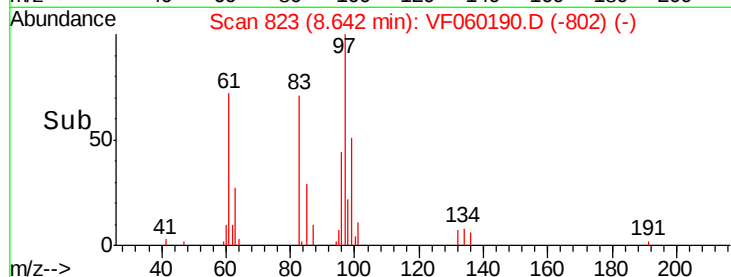
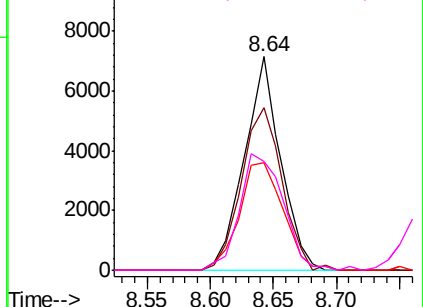


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 22.763 ug/l

RT: 8.76 min Scan# 835

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

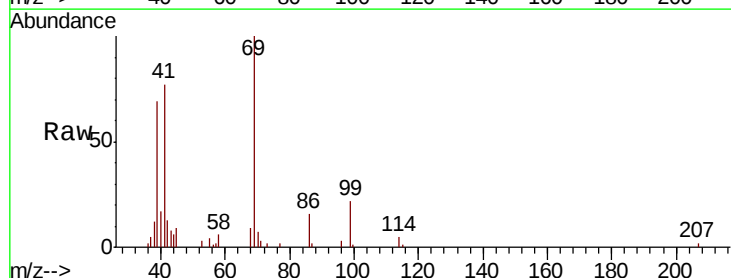
Tgt Ion: 69 Resp: 17297

Ion Ratio Lower Upper

69 100

41 77.1 60.6 90.8

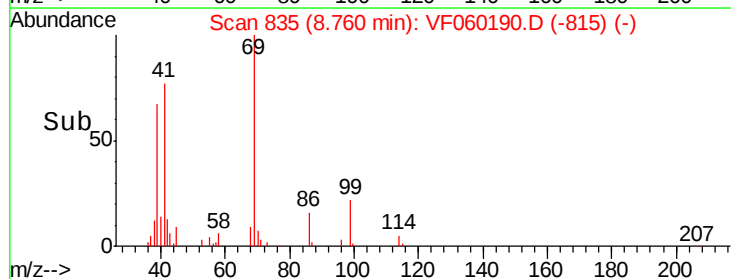
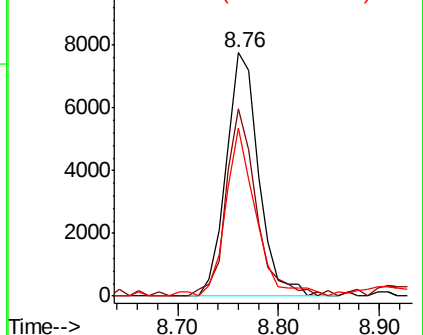
39 68.8 53.4 80.2

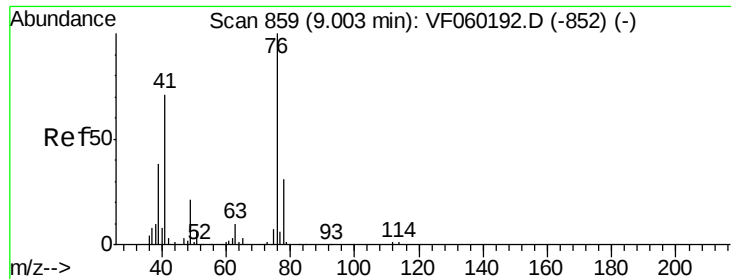


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 19.683 ug/l

RT: 9.00 min Scan# 859

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

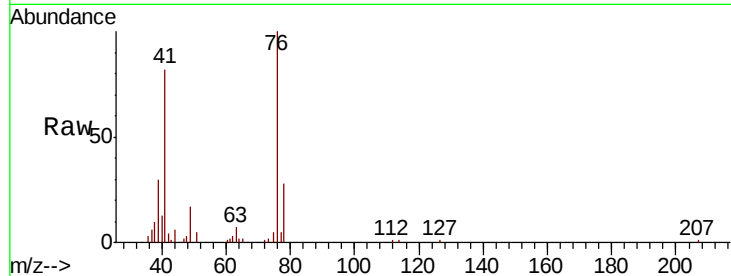
VSTDIC010

Tgt Ion: 76 Resp: 26387

Ion Ratio Lower Upper

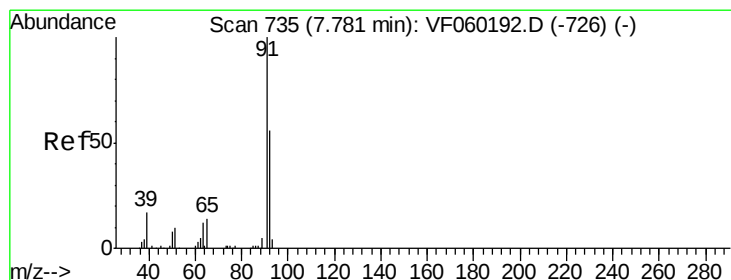
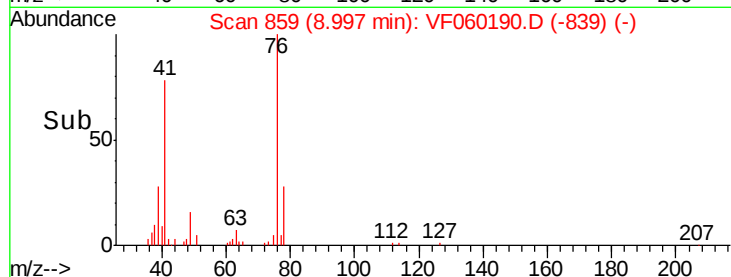
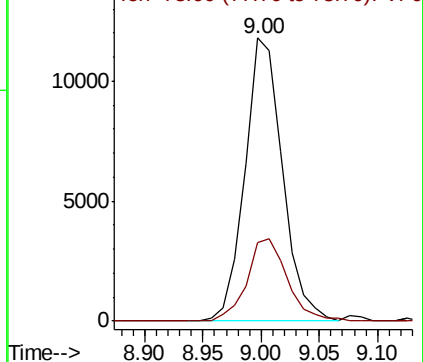
76 100

78 27.8 24.5 36.7



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 60.215 ug/l

RT: 7.78 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF060190.D

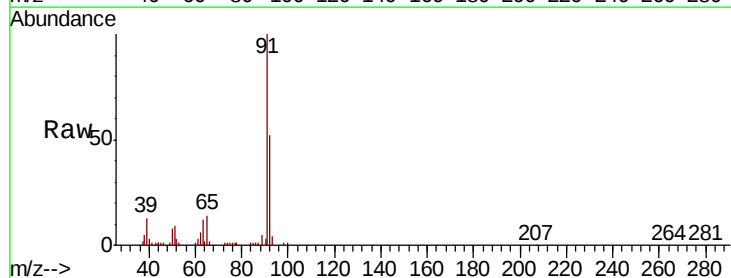
Acq: 29 Aug 2018 15:35

Tgt Ion: 63 Resp: 8893

Ion Ratio Lower Upper

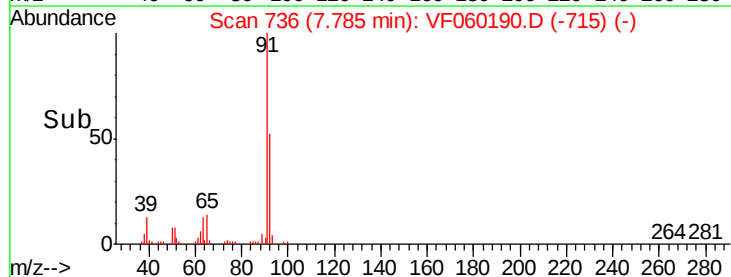
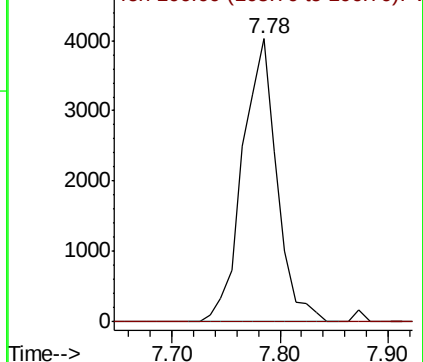
63 100

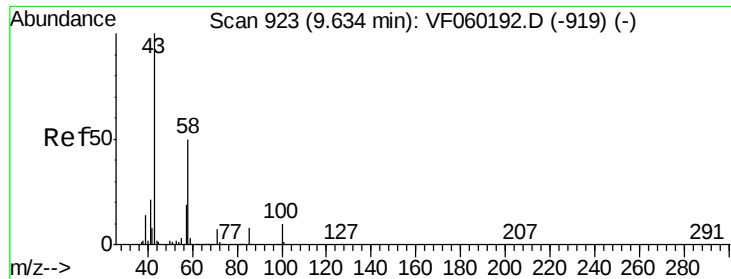
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

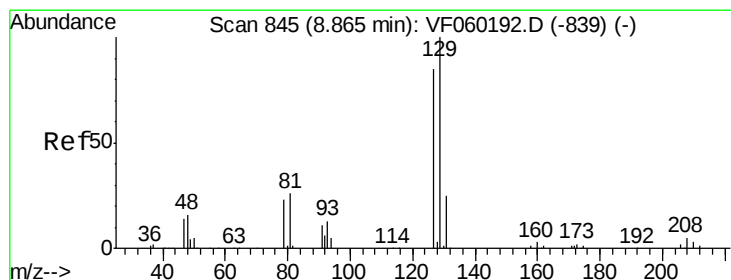
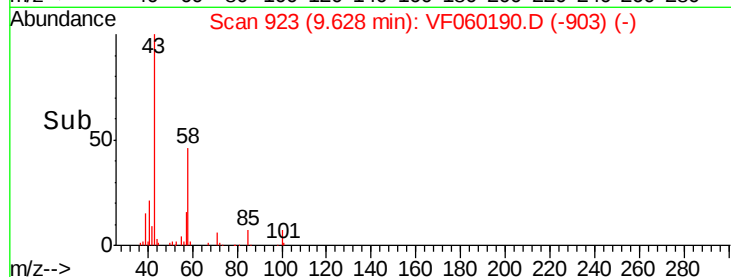
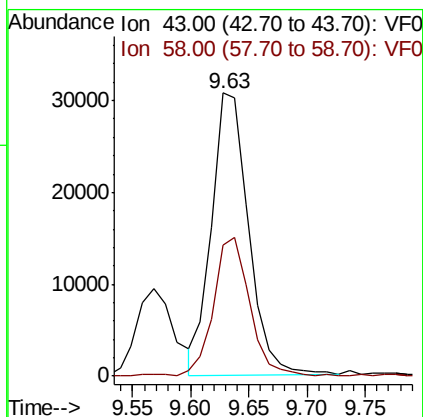
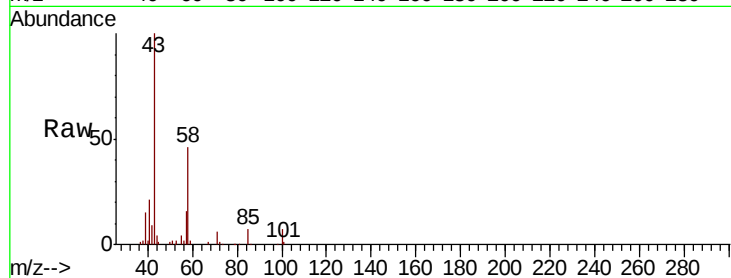




#59
2-Hexanone
Concen: 130.860 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.01 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

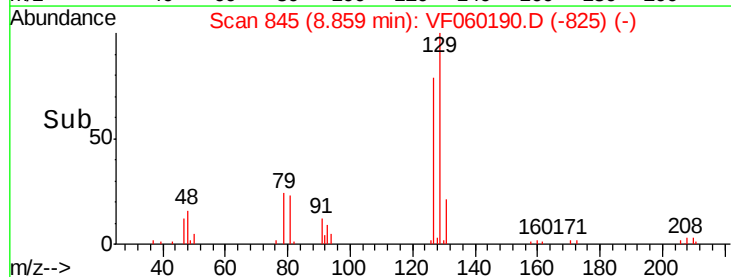
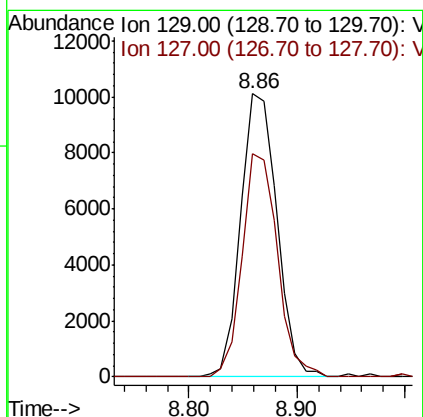
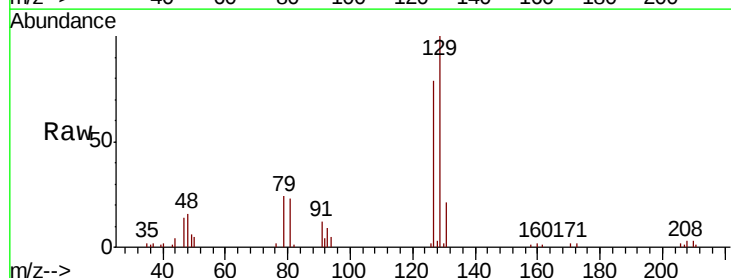
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

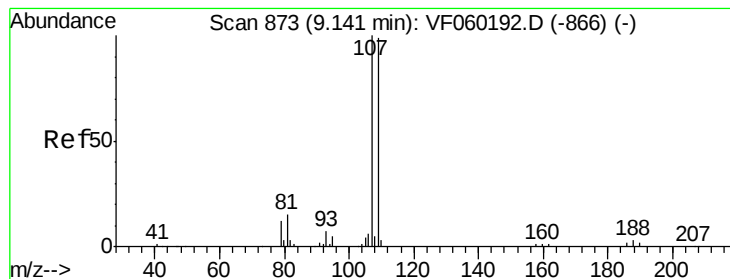
Tgt Ion: 43 Resp: 67557
Ion Ratio Lower Upper
43 100
58 46.1 23.0 69.0



#60
Dibromochloromethane
Concen: 18.824 ug/l
RT: 8.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

Tgt Ion: 129 Resp: 23649
Ion Ratio Lower Upper
129 100
127 79.0 42.5 127.5





#61

1,2-Dibromoethane

Concen: 19.806 ug/l

RT: 9.14 min Scan# 874

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

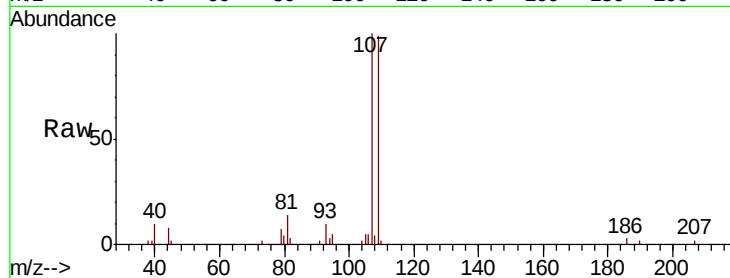
VSTDIC010

Tgt Ion:107 Resp: 16785

Ion Ratio Lower Upper

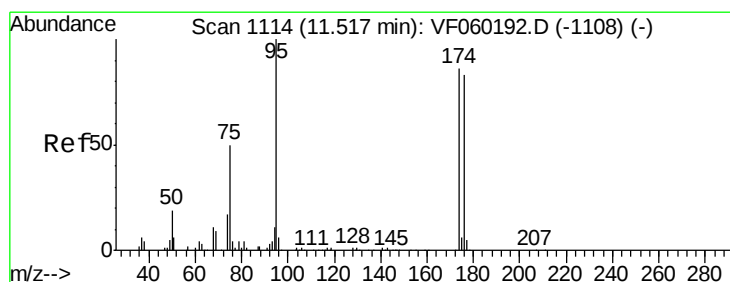
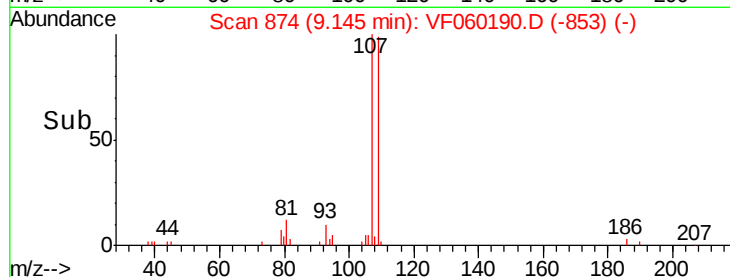
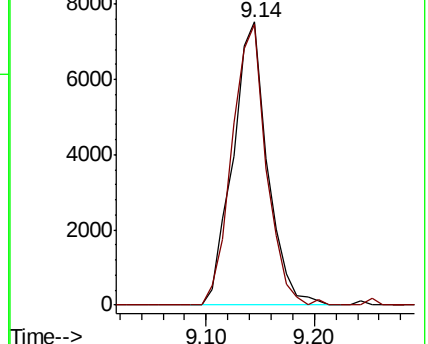
107 100

109 99.1 79.5 119.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 14.584 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

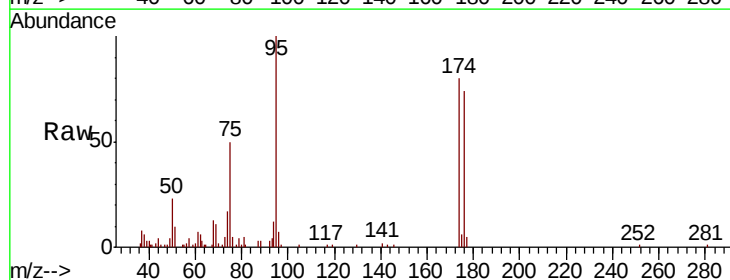
Tgt Ion: 95 Resp: 32422

Ion Ratio Lower Upper

95 100

174 80.4 0.0 171.2

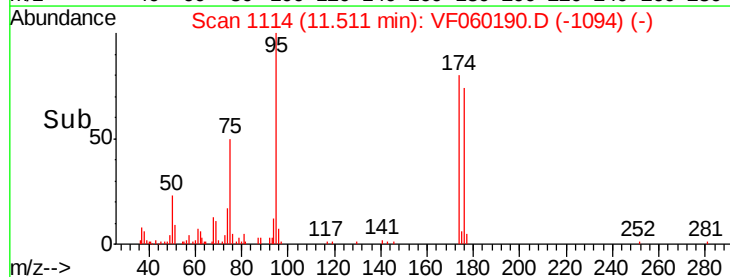
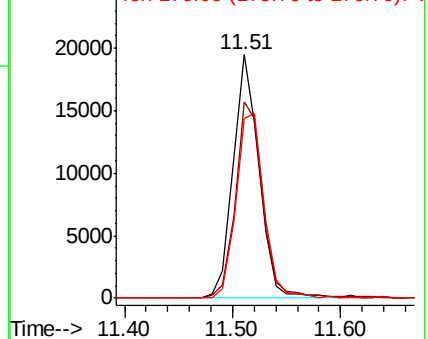
176 73.9 0.0 167.0

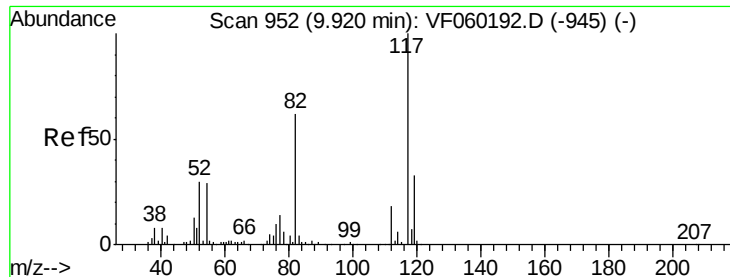


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

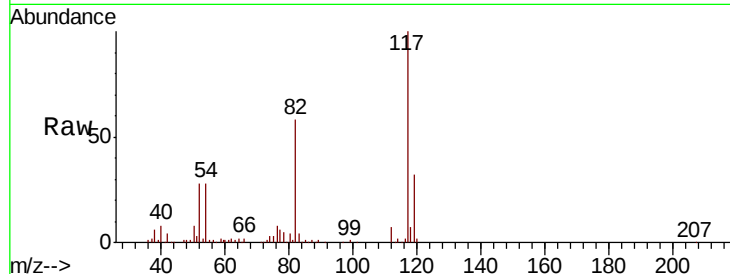




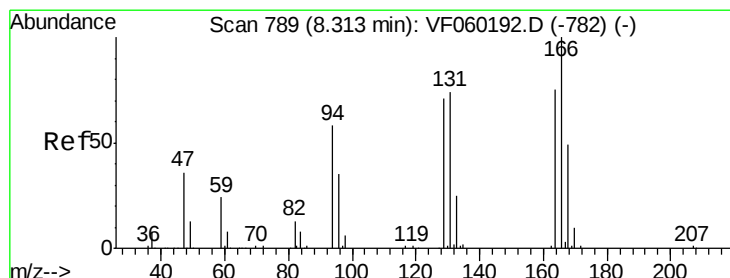
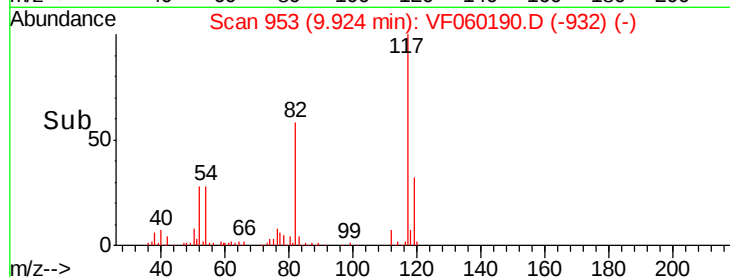
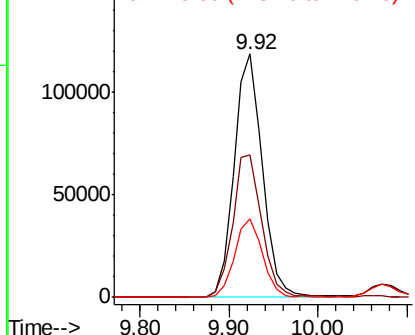
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.4	49.9	74.9
119	32.3	26.5	39.7



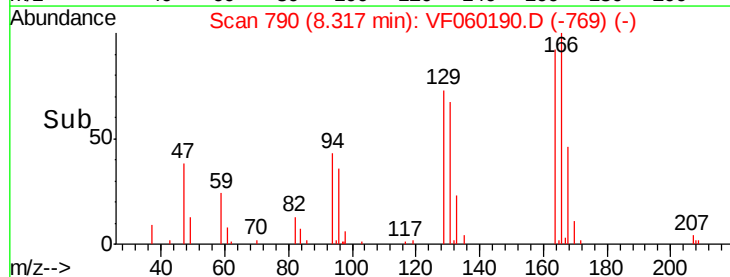
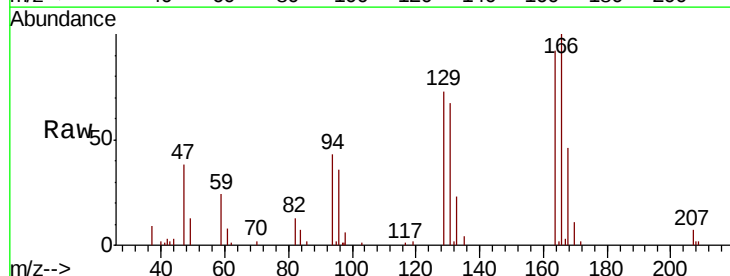
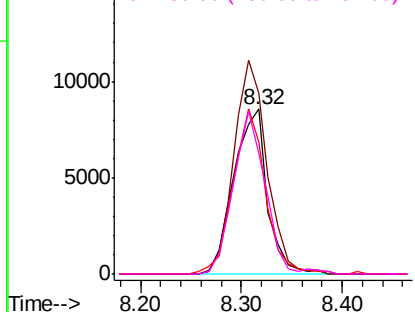
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

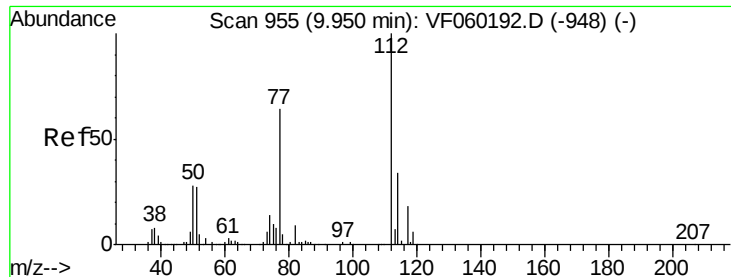


#64
Tetrachloroethene
Concen: 6.594 ug/l
RT: 8.32 min Scan# 790
Delta R.T. 0.00 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	109.1	106.6	160.0
129	80.1	75.4	113.0
131	73.2	79.1	118.7#

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

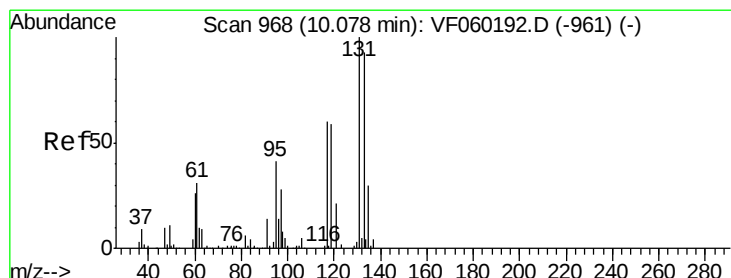
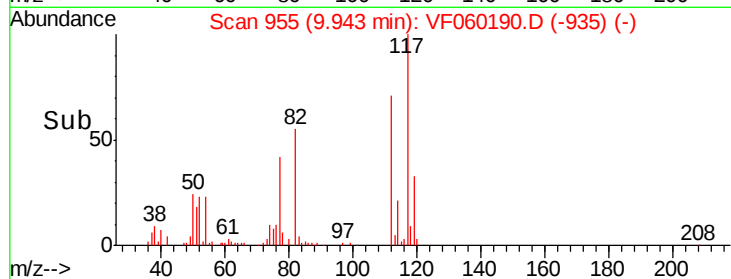
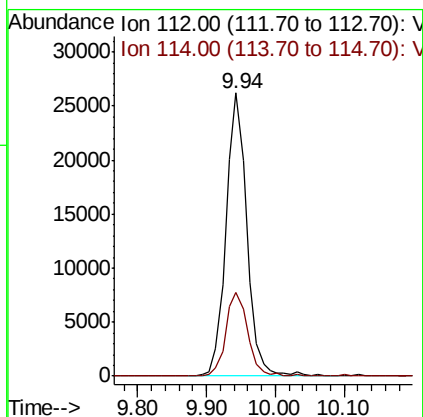
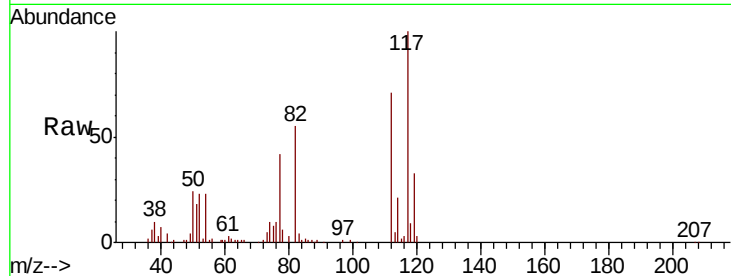




#65
Chlorobenzene
Concen: 10.361 ug/l
RT: 9.94 min Scan# 955
Delta R.T. -0.01 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

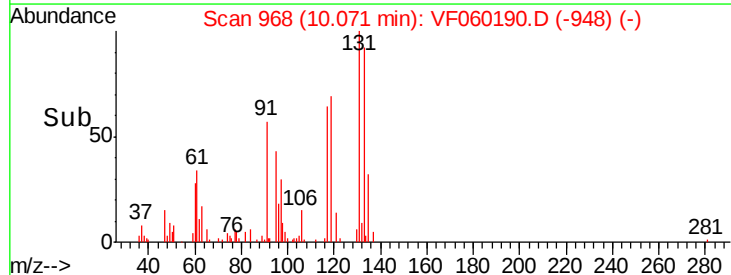
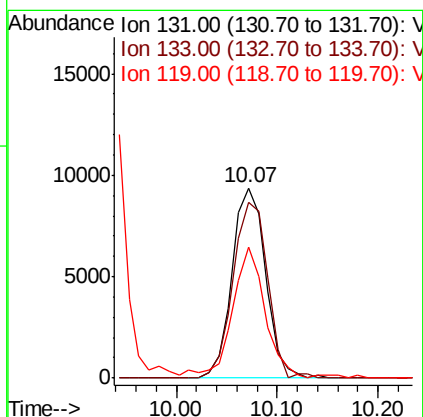
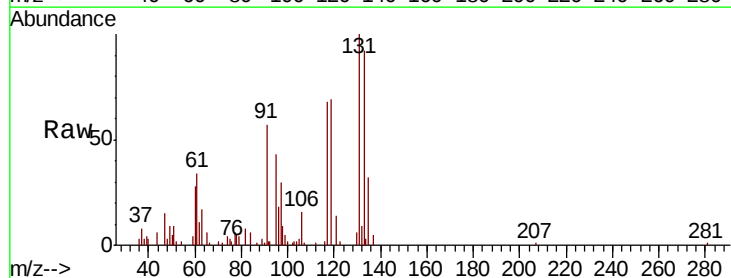
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

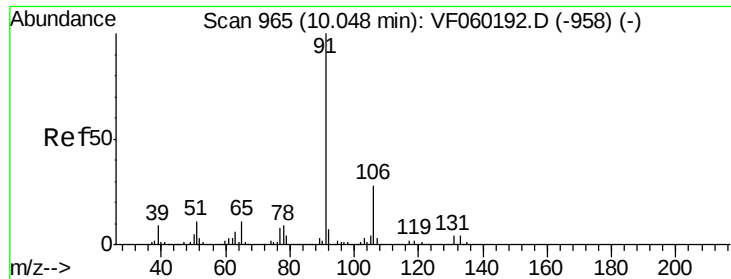
Tgt Ion:112 Resp: 54809
Ion Ratio Lower Upper
112 100
114 29.7 26.8 40.2



#66
1,1,1,2-Tetrachloroethane
Concen: 11.839 ug/l
RT: 10.07 min Scan# 968
Delta R.T. -0.01 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

Tgt Ion:131 Resp: 21765
Ion Ratio Lower Upper
131 100
133 92.1 46.6 139.7
119 68.6 29.9 89.7





#67

Ethyl Benzene

Concen: 8.454 ug/l

RT: 10.04 min Scan# 965

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

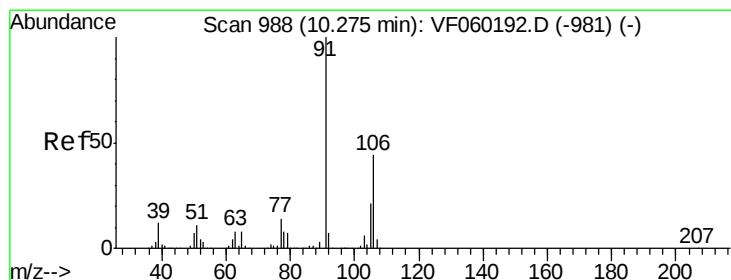
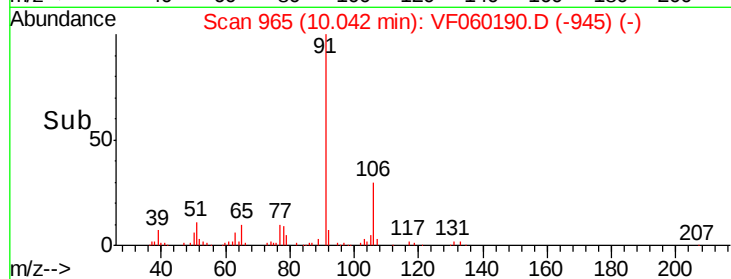
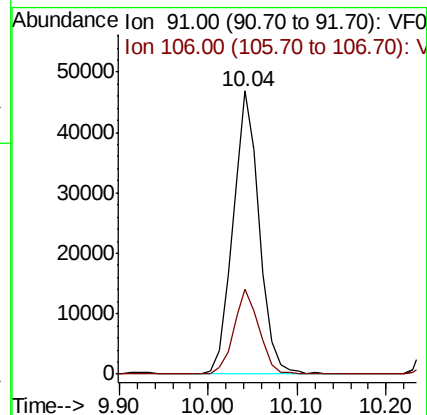
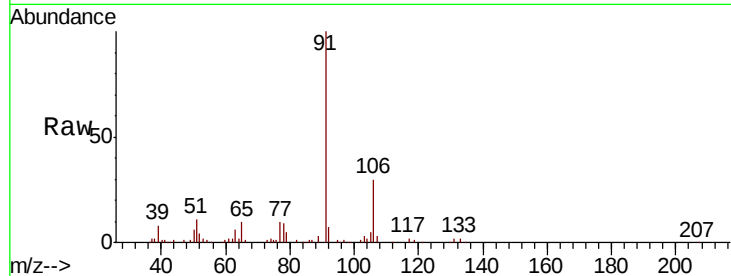
VSTDIC010

Tgt Ion: 91 Resp: 96772

Ion Ratio Lower Upper

91 100

106 30.1 22.0 33.0



#68

m/p-Xylenes

Concen: 18.316 ug/l

RT: 10.27 min Scan# 988

Delta R.T. -0.01 min

Lab File: VF060190.D

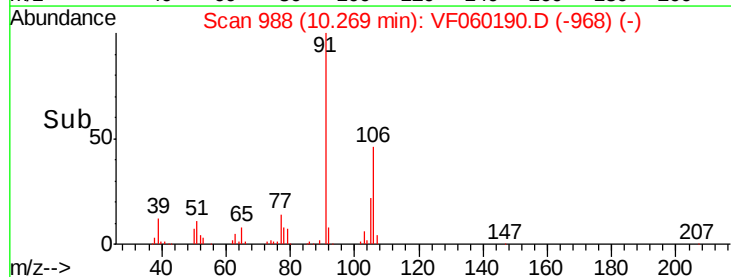
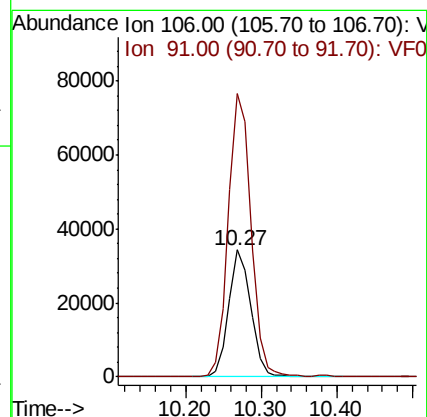
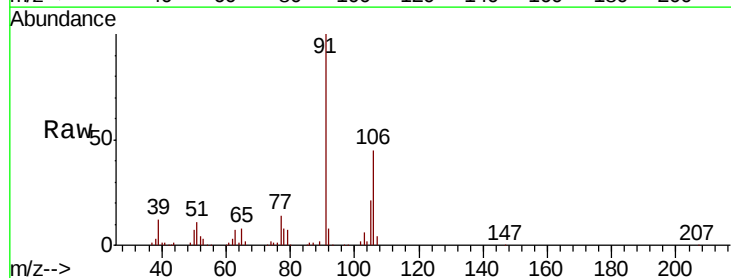
Acq: 29 Aug 2018 15:35

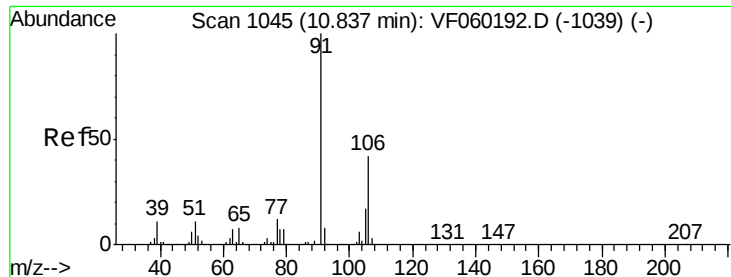
Tgt Ion: 106 Resp: 70050

Ion Ratio Lower Upper

106 100

91 223.2 183.4 275.0

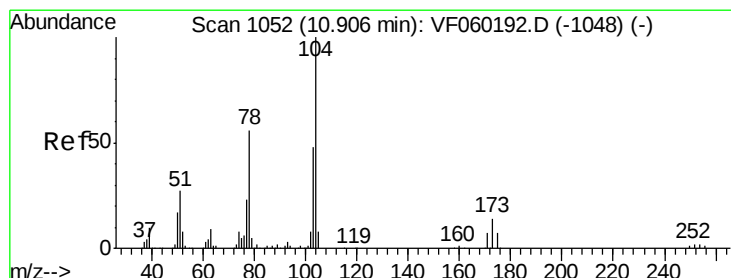
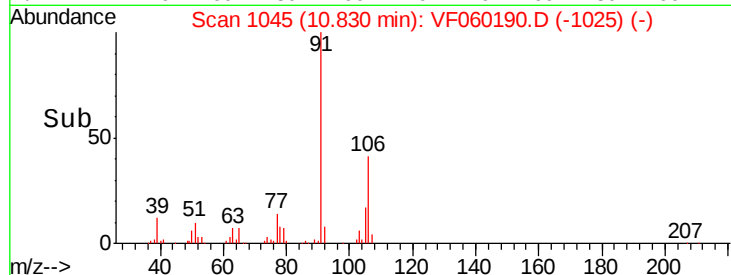
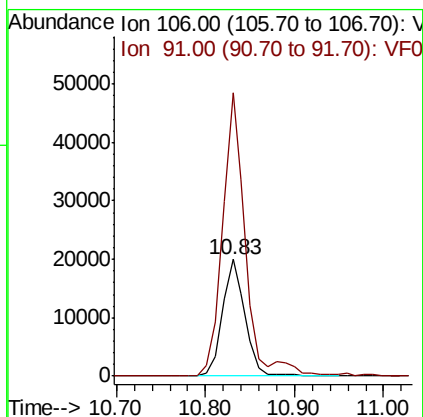
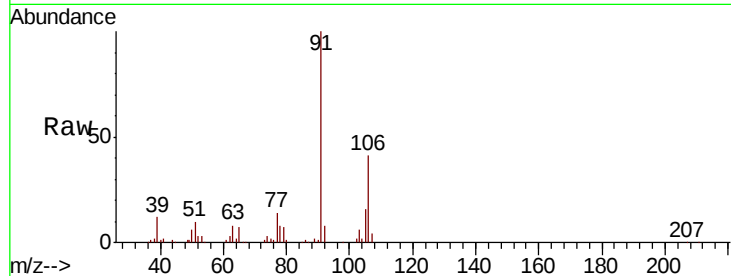




#69
o-Xylene
Concen: 10.154 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

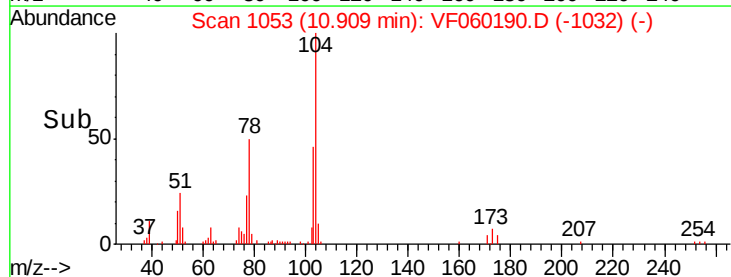
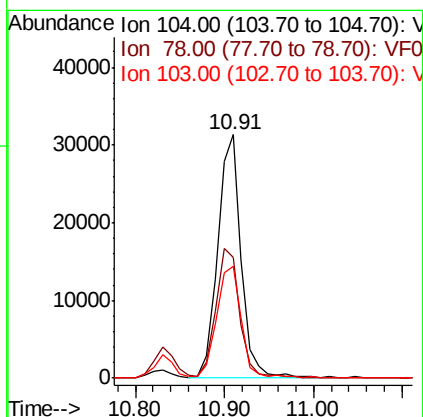
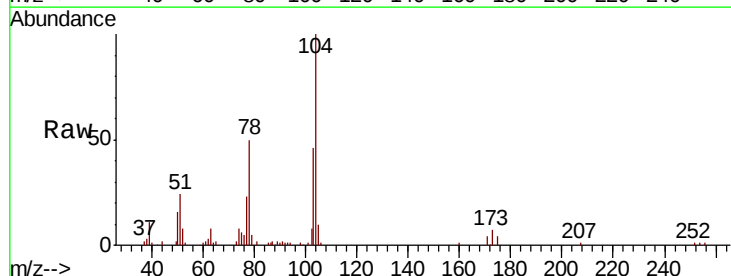
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

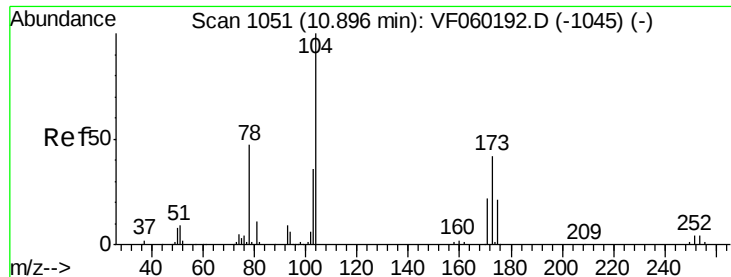
Tgt Ion:106 Resp: 35618
Ion Ratio Lower Upper
106 100
91 243.1 120.2 360.6



#70
Styrene
Concen: 12.798 ug/l
RT: 10.91 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

Tgt Ion:104 Resp: 57826
Ion Ratio Lower Upper
104 100
78 49.6 45.4 68.0
103 45.9 38.9 58.3





#71

Bromoform

Concen: 17.438 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

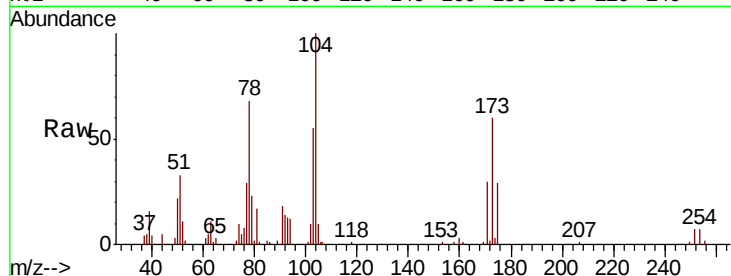
Tgt Ion:173 Resp: 13564

Ion Ratio Lower Upper

173 100

175 47.7 24.8 74.3

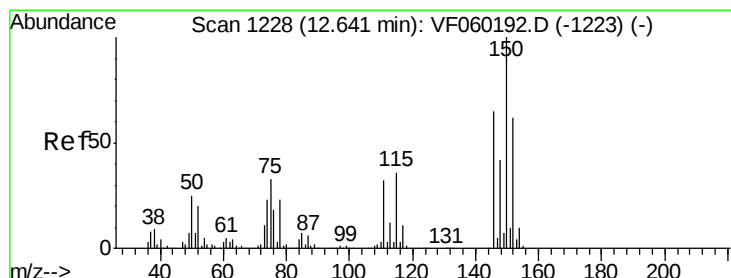
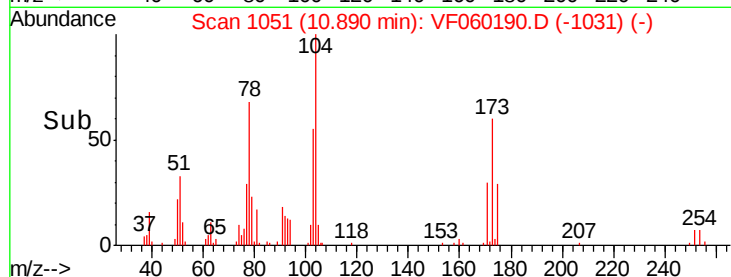
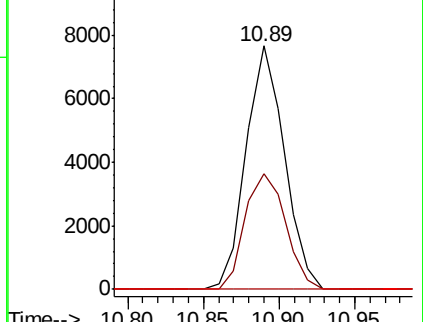
254 0.0 0.0 0.0



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: 12.63 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

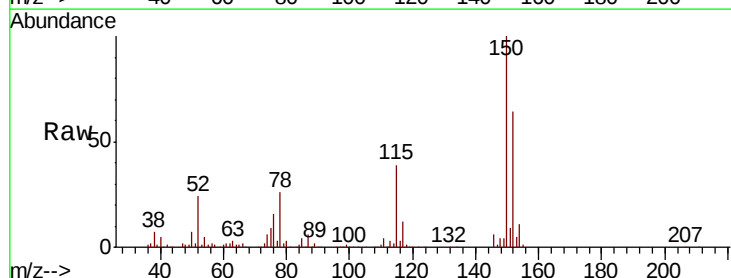
Tgt Ion:152 Resp: 170637

Ion Ratio Lower Upper

152 100

115 61.5 28.9 86.8

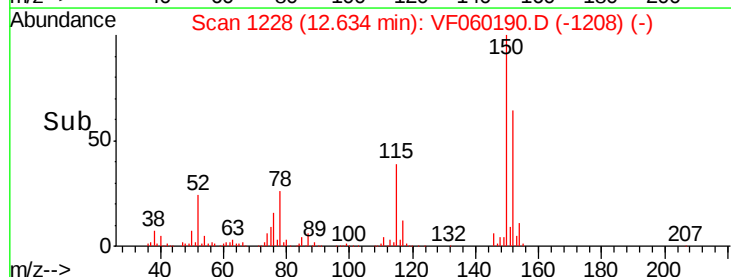
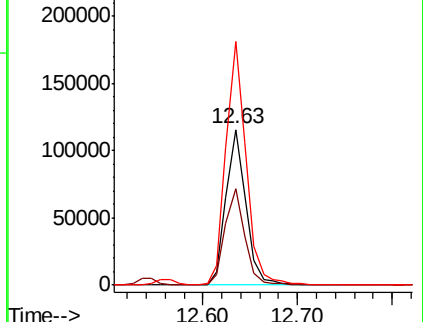
150 156.2 0.0 323.2

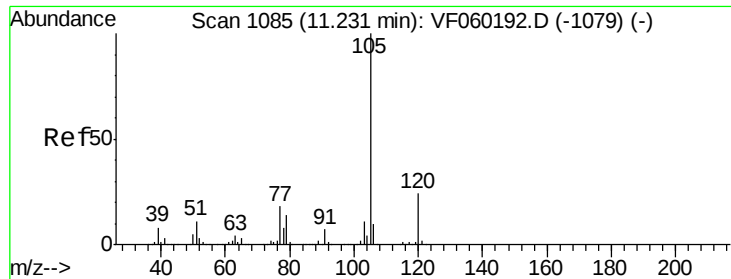


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 6.459 ug/l

RT: 11.23 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

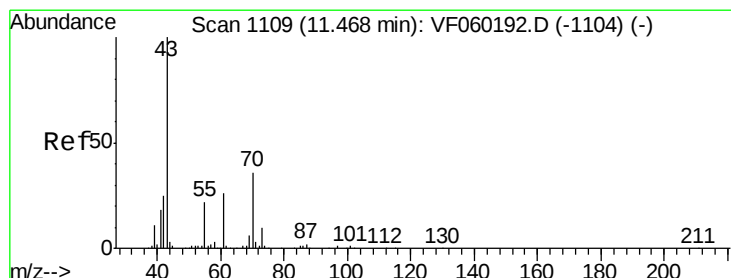
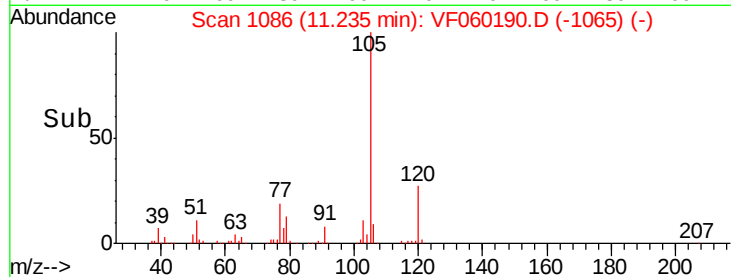
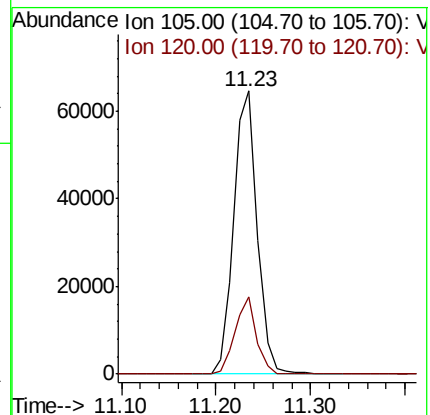
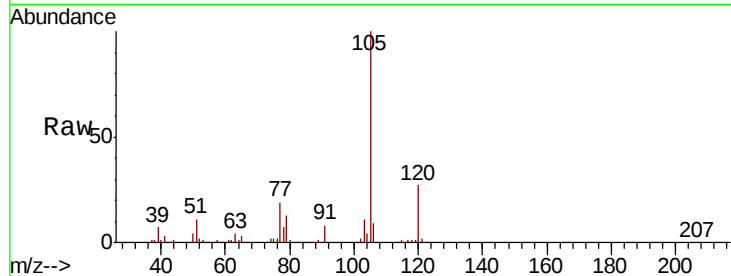
VSTDIC010

Tgt Ion:105 Resp: 111302

Ion Ratio Lower Upper

105 100

120 27.4 12.3 36.8



#74

N-ethyl acetate

Concen: 16.366 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Tgt Ion: 43 Resp: 29115

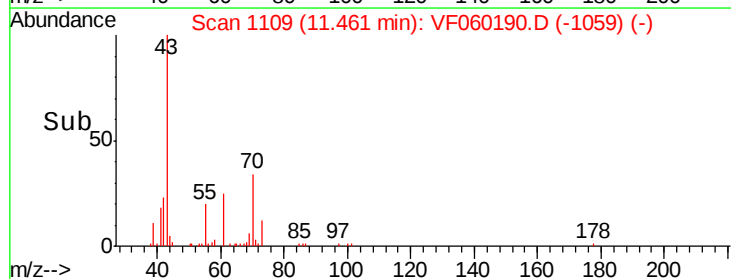
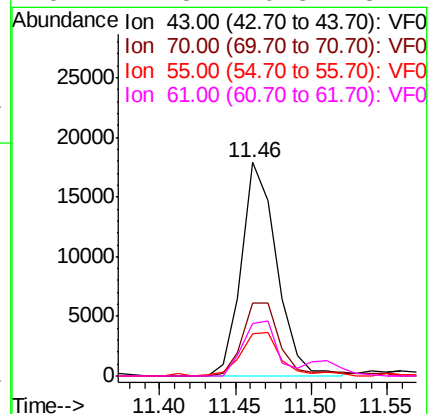
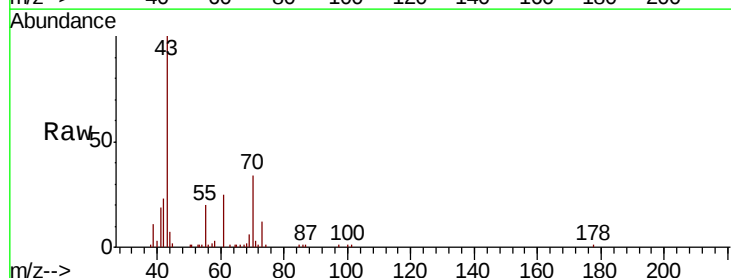
Ion Ratio Lower Upper

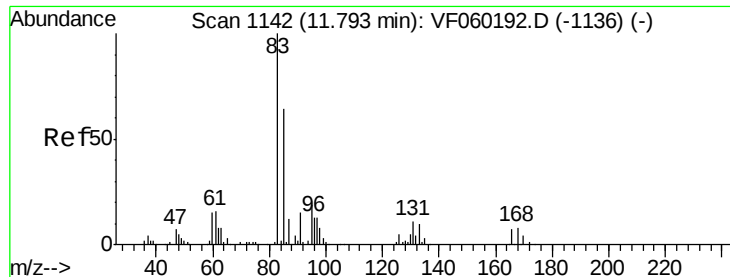
43 100

70 34.2 28.6 43.0

55 19.7 17.4 26.2

61 24.8 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 14.913 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

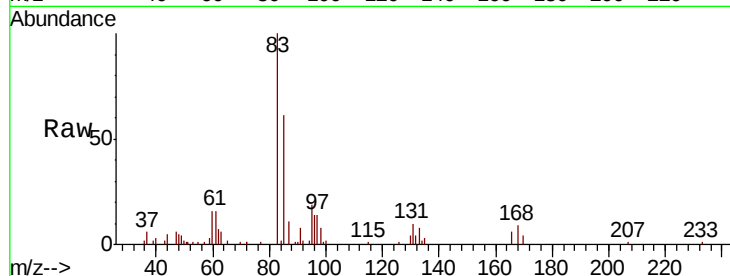
Tgt Ion: 83 Resp: 21619

Ion Ratio Lower Upper

83 100

131 9.7 5.5 16.5

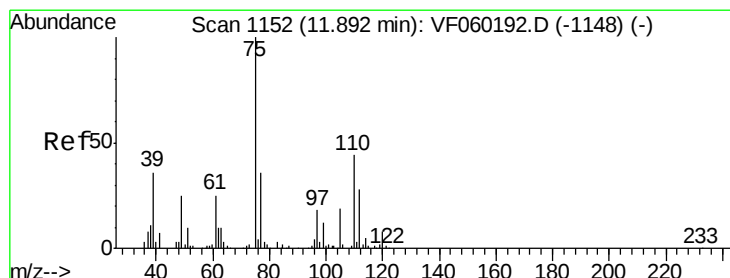
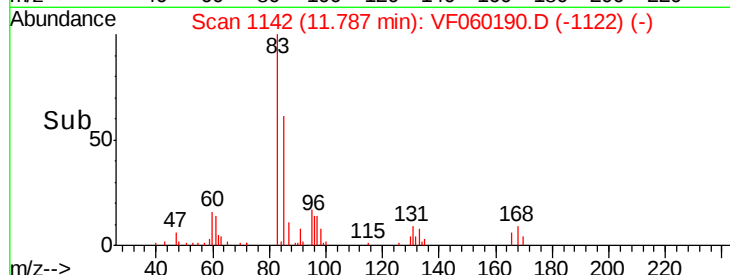
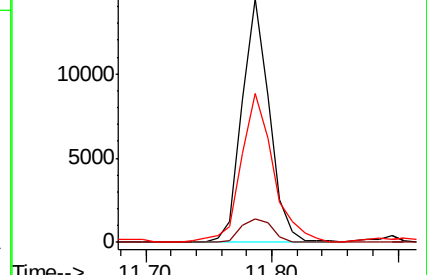
85 61.0 32.2 96.6



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 15.666 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. -0.01 min

Lab File: VF060190.D

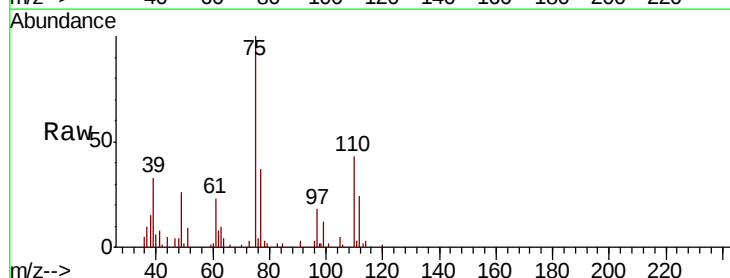
Acq: 29 Aug 2018 15:35

Tgt Ion: 75 Resp: 19234

Ion Ratio Lower Upper

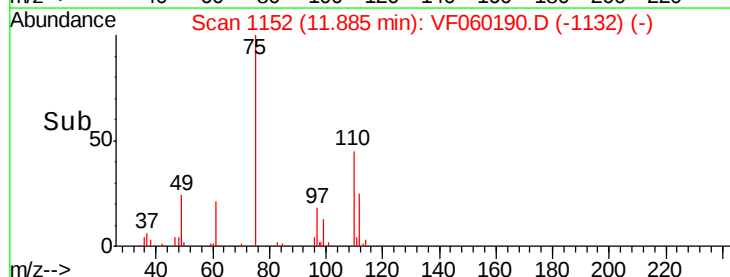
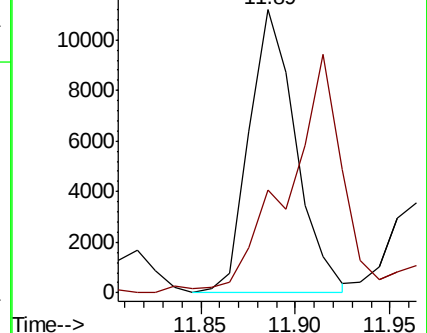
75 100

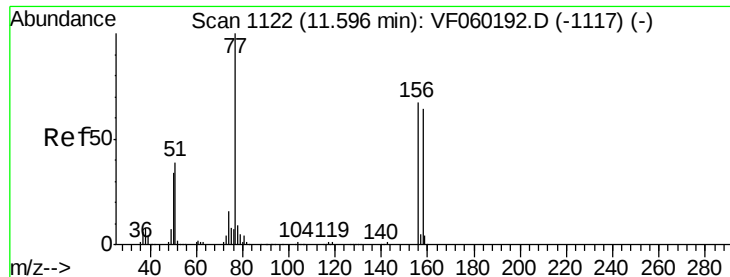
77 36.5 17.9 53.8



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 10.924 ug/l

RT: 11.60 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

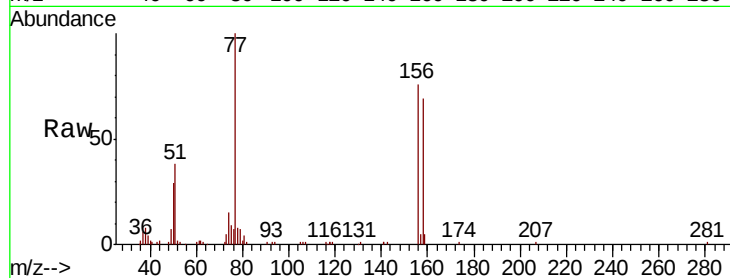
Tgt Ion:156 Resp: 30170

Ion Ratio Lower Upper

156 100

77 131.9 74.5 223.5

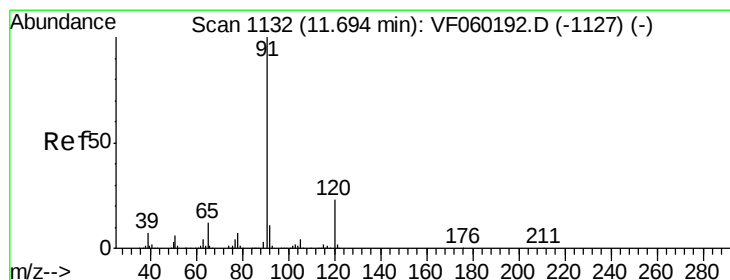
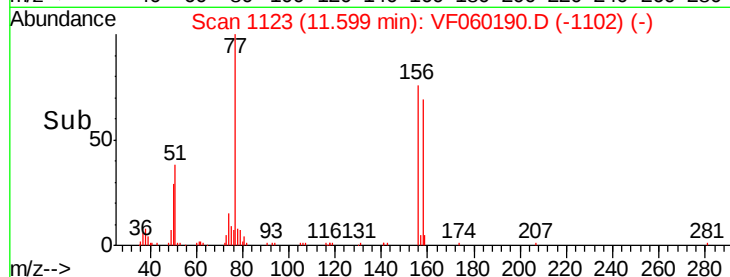
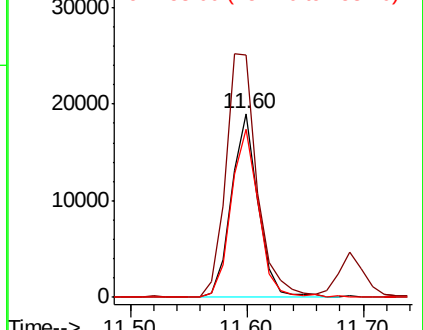
158 91.3 47.3 141.8



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: 6.749 ug/l

RT: 11.69 min Scan# 1132

Delta R.T. -0.01 min

Lab File: VF060190.D

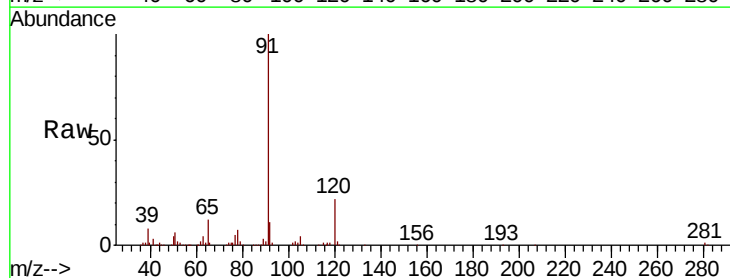
Acq: 29 Aug 2018 15:35

Tgt Ion: 91 Resp: 140363

Ion Ratio Lower Upper

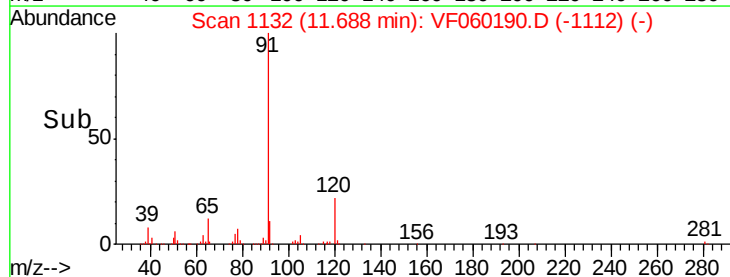
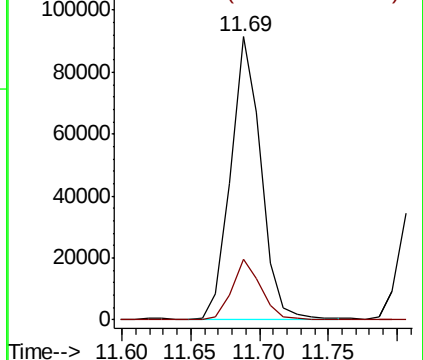
91 100

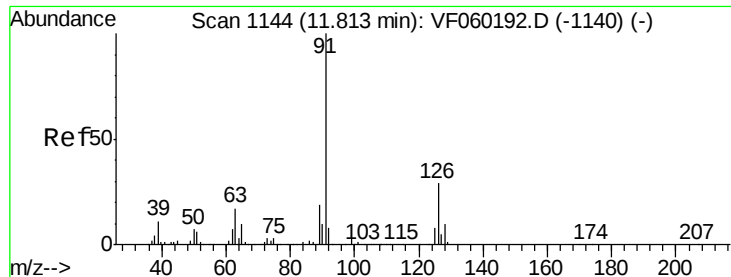
120 21.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 7.755 ug/l

RT: 11.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

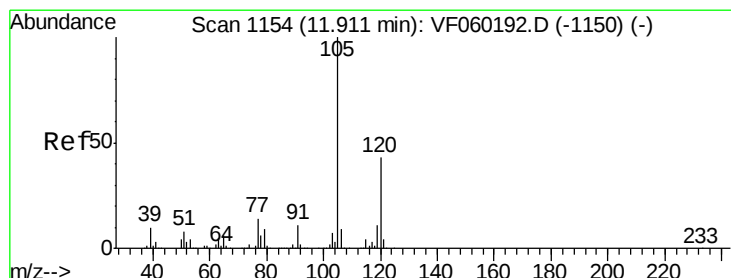
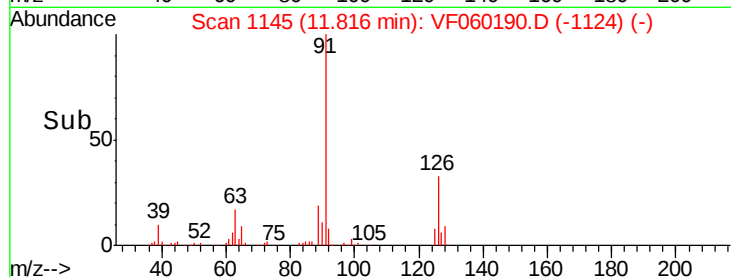
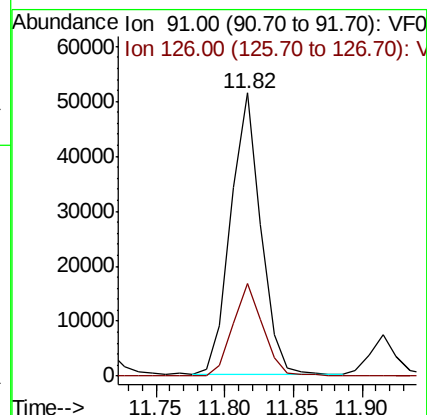
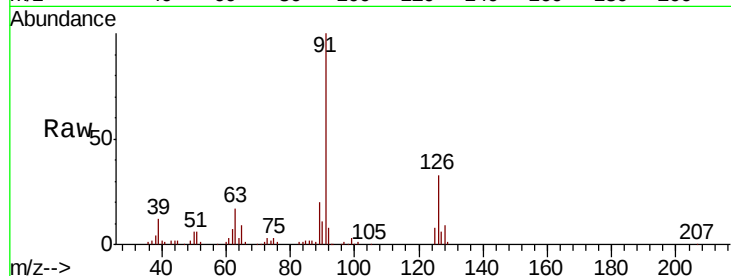
VSTDIC010

Tgt Ion: 91 Resp: 77841

Ion Ratio Lower Upper

91 100

126 32.7 14.7 44.1



#80

1,3,5-Trimethylbenzene

Concen: 7.311 ug/l

RT: 11.91 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VF060190.D

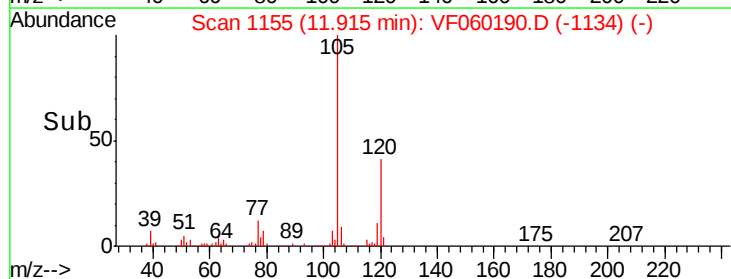
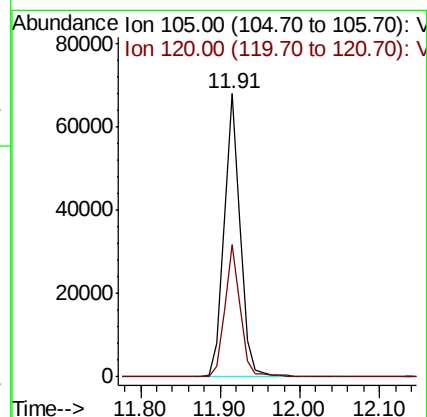
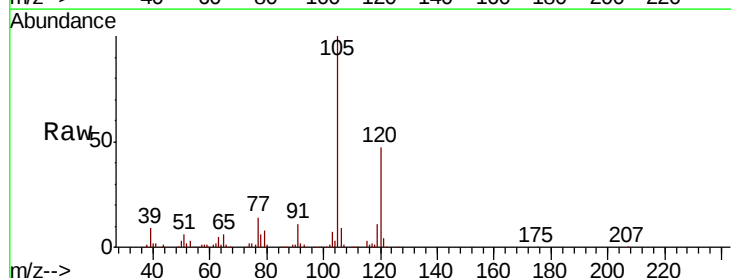
Acq: 29 Aug 2018 15:35

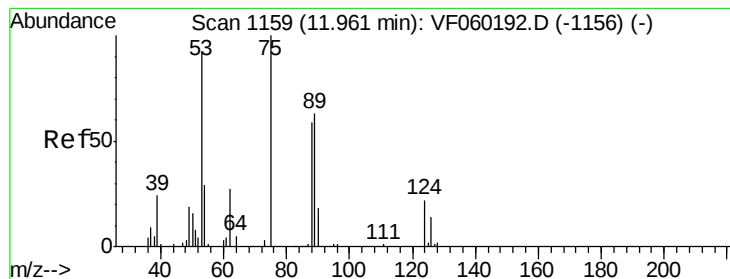
Tgt Ion: 105 Resp: 97307

Ion Ratio Lower Upper

105 100

120 47.0 21.5 64.5





#81

trans-1,4-Dichloro-2-butene

Concen: 25.306 ug/l

RT: 11.96 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

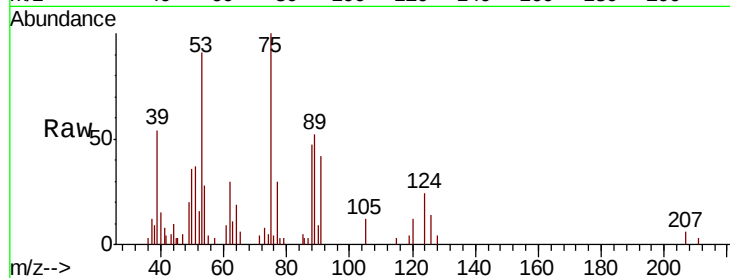
Tgt Ion: 75 Resp: 9156

Ion Ratio Lower Upper

75 100

53 91.5 78.0 117.0

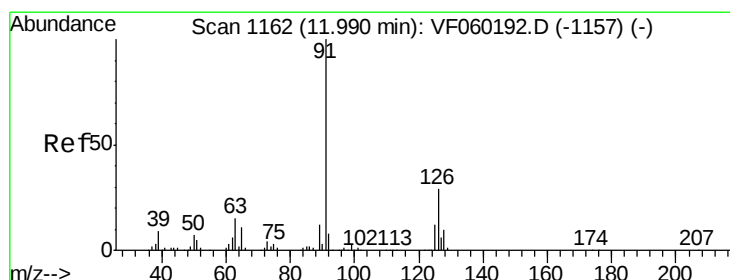
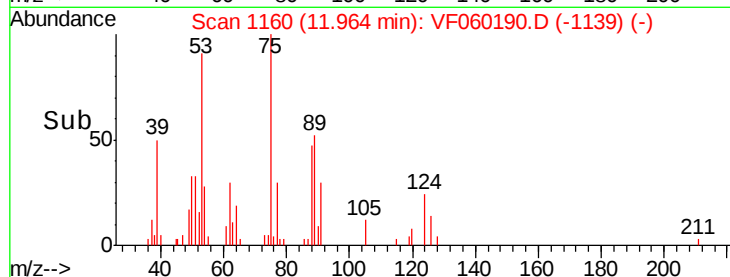
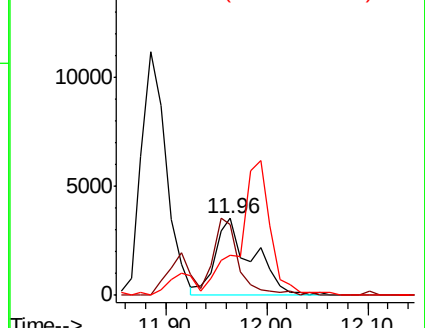
89 52.0 51.8 77.6



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 9.220 ug/l

RT: 11.99 min Scan# 1163

Delta R.T. 0.00 min

Lab File: VF060190.D

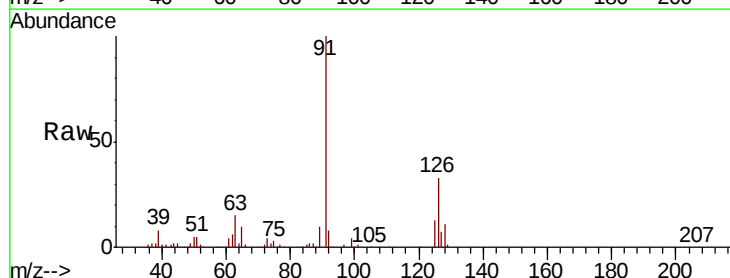
Acq: 29 Aug 2018 15:35

Tgt Ion: 91 Resp: 92248

Ion Ratio Lower Upper

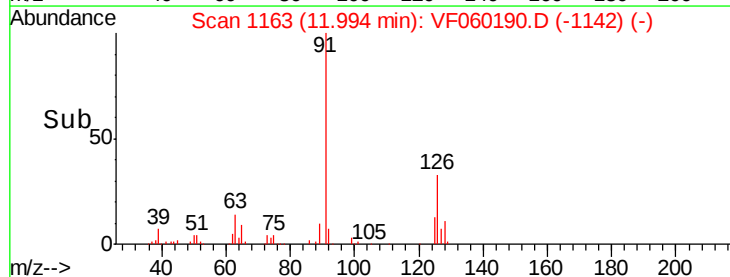
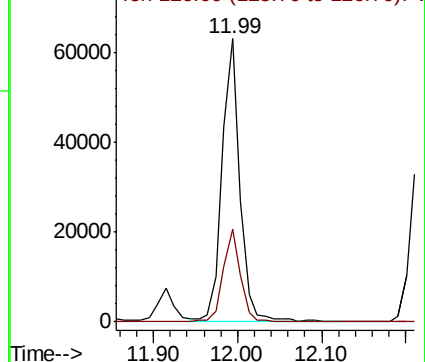
91 100

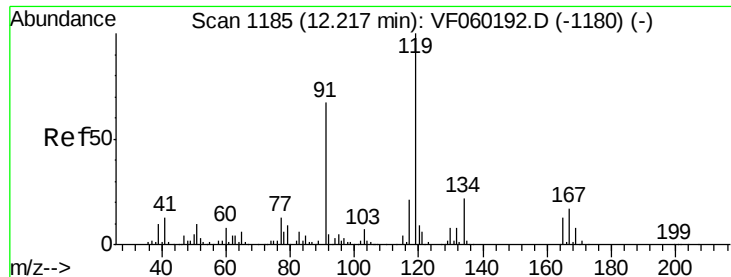
126 32.9 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

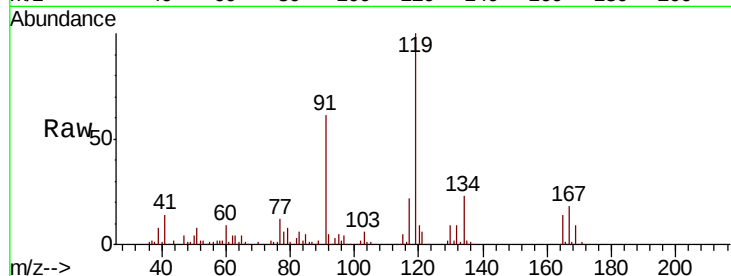




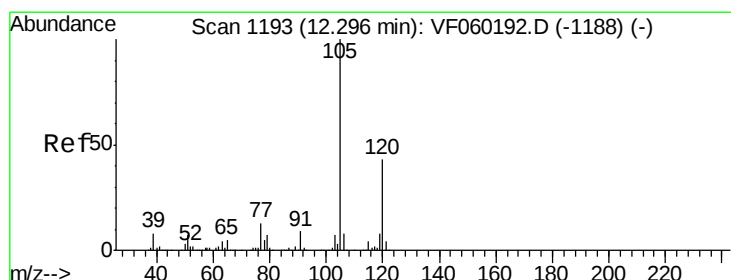
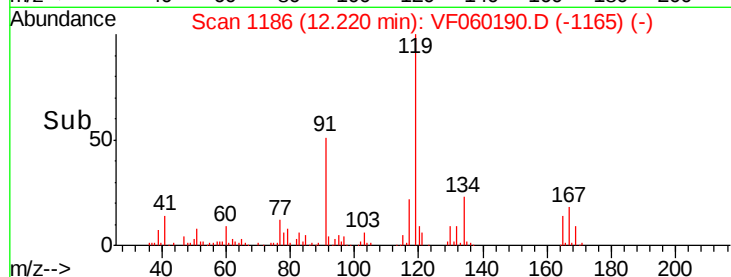
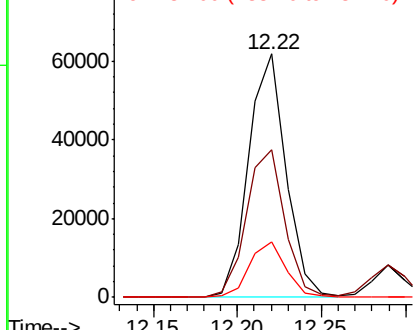
#83
 tert-Butylbenzene
 Concen: 6.823 ug/l
 RT: 12.22 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: VF060190.D
 Acq: 29 Aug 2018 15:35

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

Tgt Ion:119 Resp: 95278
 Ion Ratio Lower Upper
 119 100
 91 60.8 33.8 101.4
 134 22.7 11.1 33.3

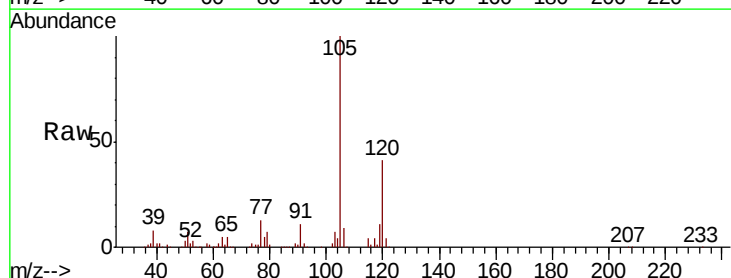


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VF0
 Ion 134.00 (133.70 to 134.70): V

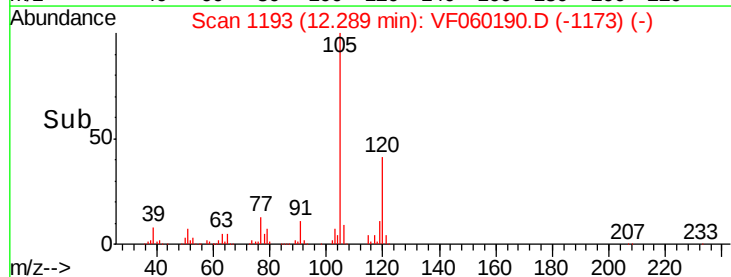
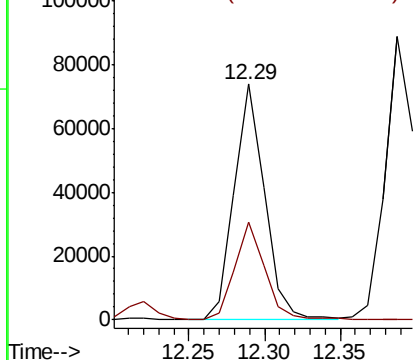


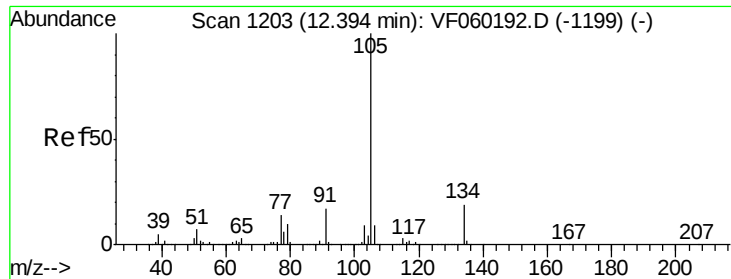
#84
 1,2,4-Trimethylbenzene
 Concen: 8.942 ug/l
 RT: 12.29 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: VF060190.D
 Acq: 29 Aug 2018 15:35

Tgt Ion:105 Resp: 103742
 Ion Ratio Lower Upper
 105 100
 120 41.4 21.6 64.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

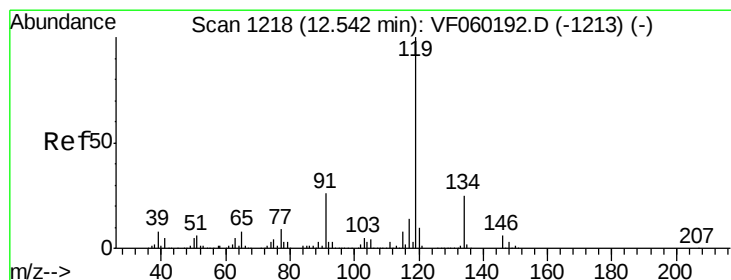
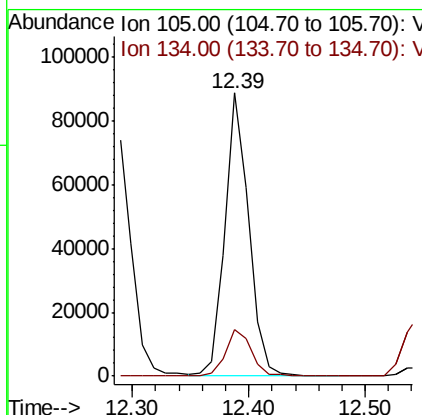
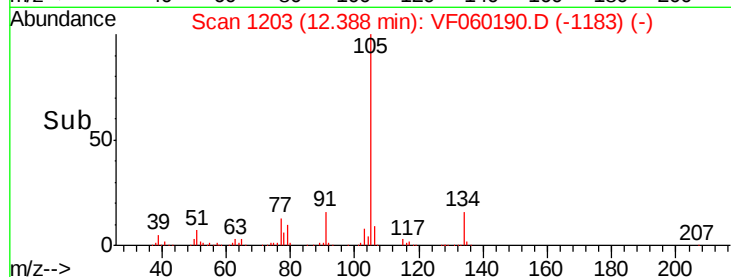
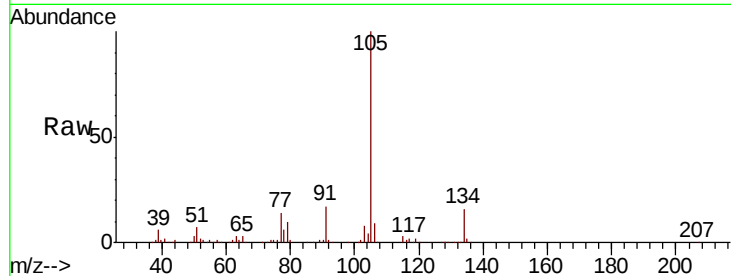




#85
 sec-Butylbenzene
 Concen: 6.177 ug/l
 RT: 12.39 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: VF060190.D
 Acq: 29 Aug 2018 15:35

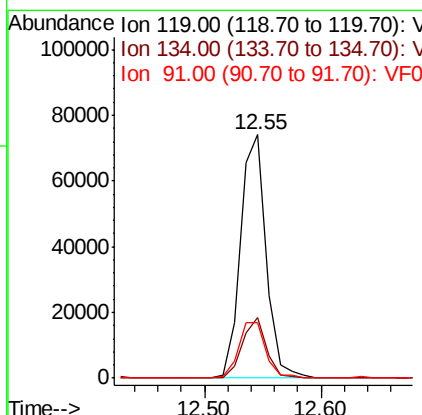
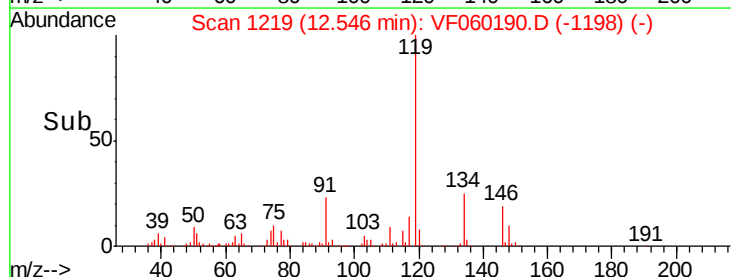
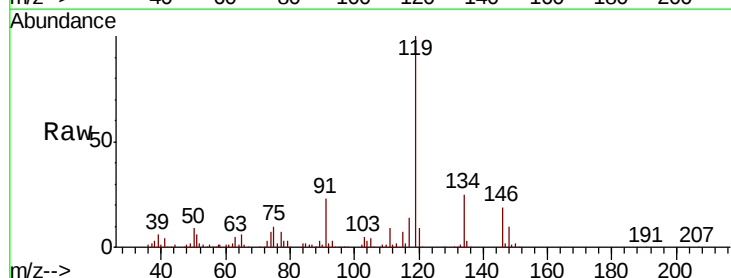
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

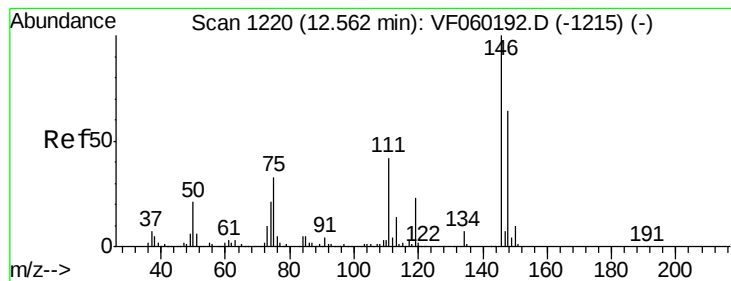
Tgt Ion:105 Resp: 126099
 Ion Ratio Lower Upper
 105 100
 134 16.3 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 7.343 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VF060190.D
 Acq: 29 Aug 2018 15:35

Tgt Ion:119 Resp: 112573
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.3 36.9
 91 22.8 13.3 39.8





#87

1,3-Dichlorobenzene

Concen: 10.268 ug/l

RT: 12.56 min Scan# 1220

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

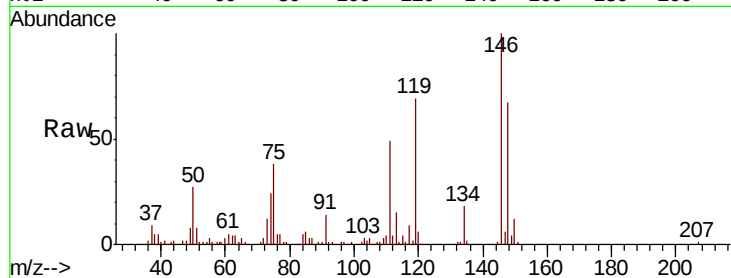
Tgt Ion:146 Resp: 58926

Ion Ratio Lower Upper

146 100

111 48.9 20.8 62.4

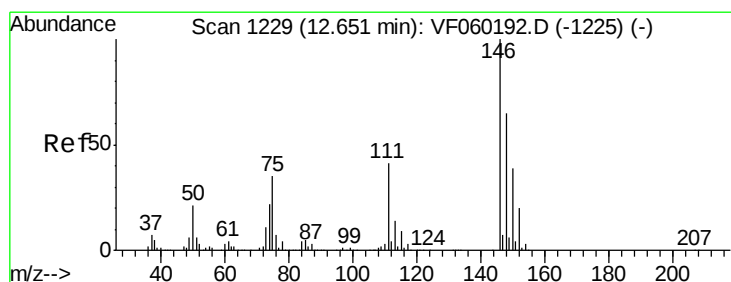
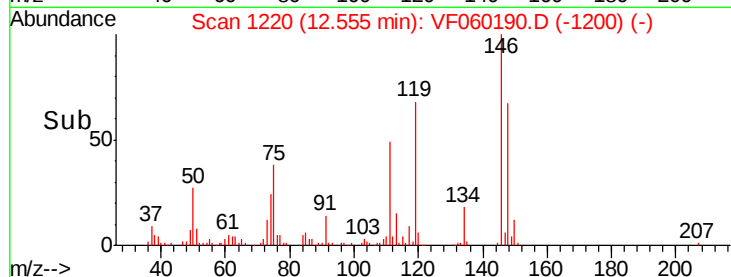
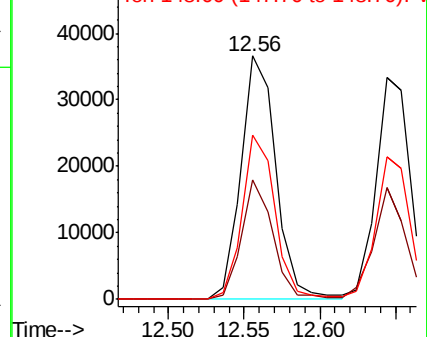
148 67.2 32.0 96.2



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: 10.121 ug/l

RT: 12.64 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

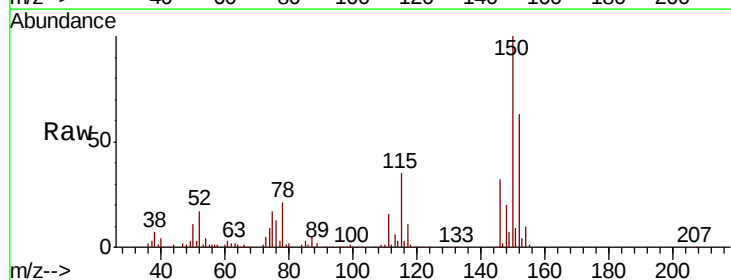
Tgt Ion:146 Resp: 53549

Ion Ratio Lower Upper

146 100

111 50.3 20.5 61.5

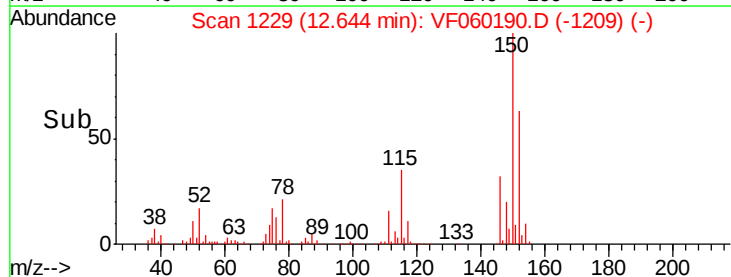
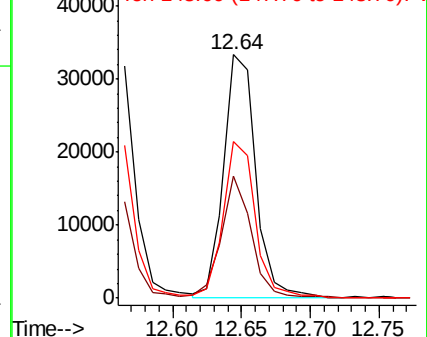
148 64.2 32.4 97.0

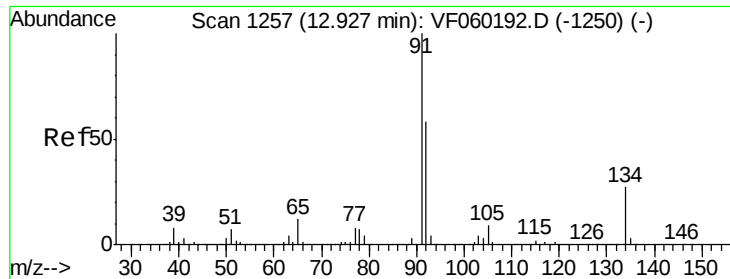


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#89

n-Butylbenzene

Concen: 8.167 ug/l

RT: 12.92 min Scan# 1257

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

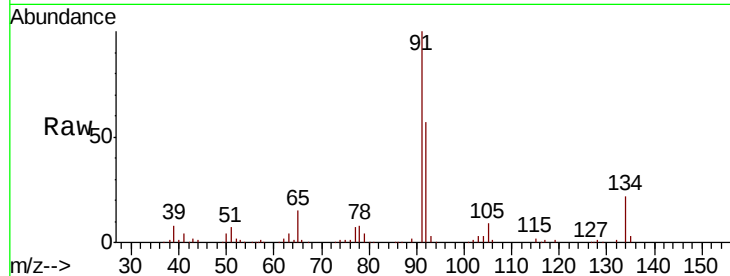
Tgt Ion: 91 Resp: 108895

Ion Ratio Lower Upper

91 100

92 57.1 29.3 87.8

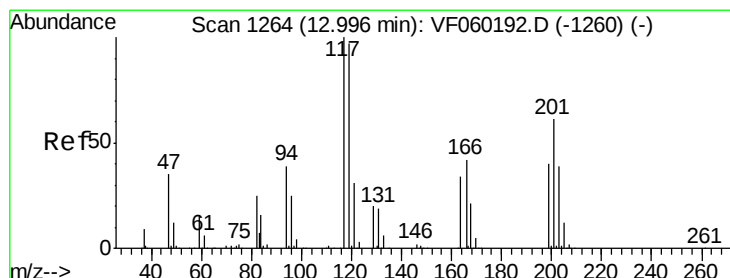
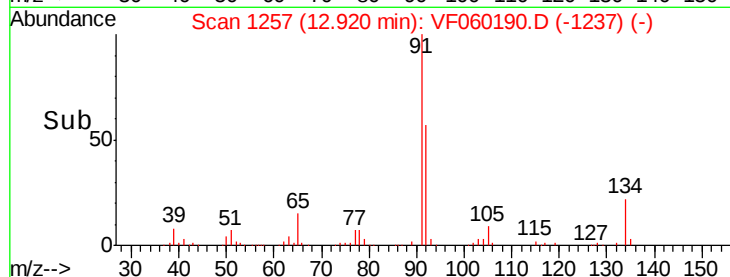
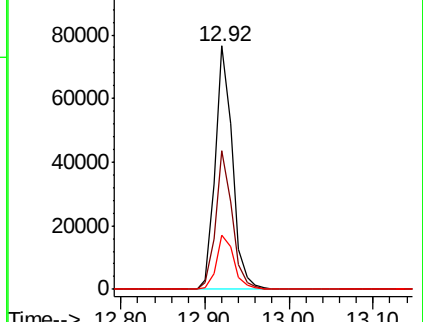
134 22.5 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 7.395 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VF060190.D

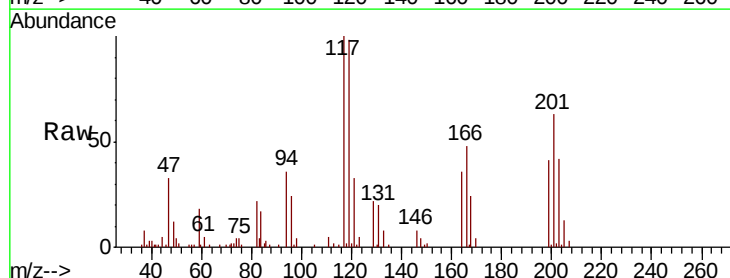
Acq: 29 Aug 2018 15:35

Tgt Ion: 117 Resp: 24492

Ion Ratio Lower Upper

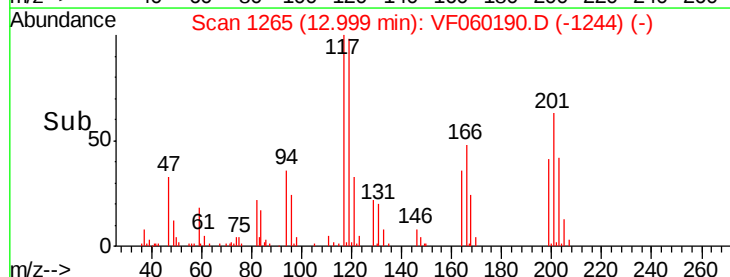
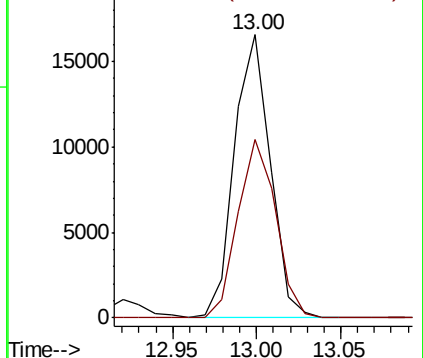
117 100

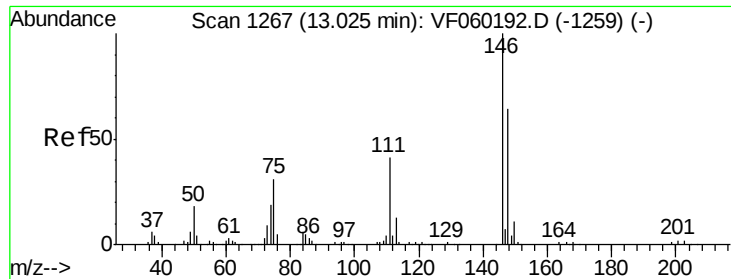
201 62.8 31.3 93.9



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#91

1,2-Dichlorobenzene

Concen: 12.023 ug/l

RT: 13.02 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC010

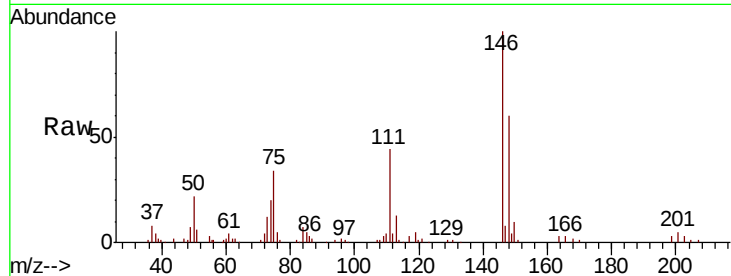
Tgt Ion: 146 Resp: 55640

Ion Ratio Lower Upper

146 100

111 44.2 20.7 62.1

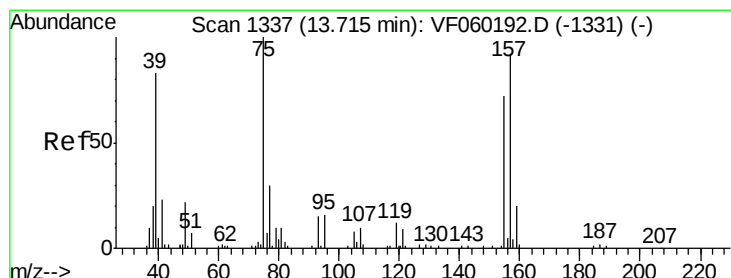
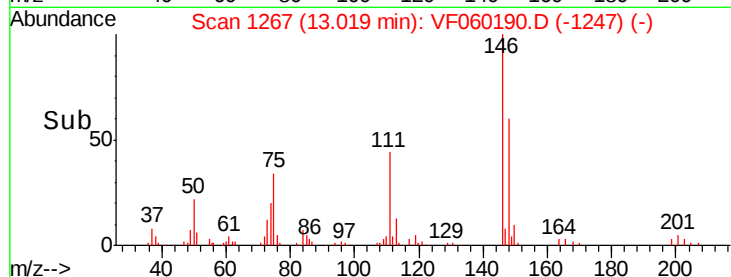
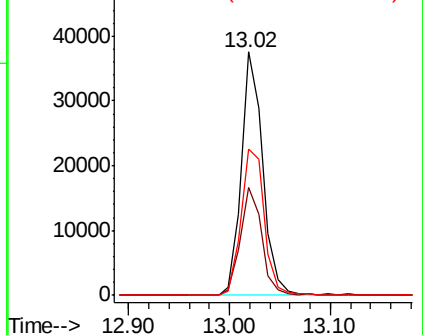
148 60.3 31.9 95.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.563 ug/l

RT: 13.72 min Scan# 1338

Delta R.T. 0.00 min

Lab File: VF060190.D

Acq: 29 Aug 2018 15:35

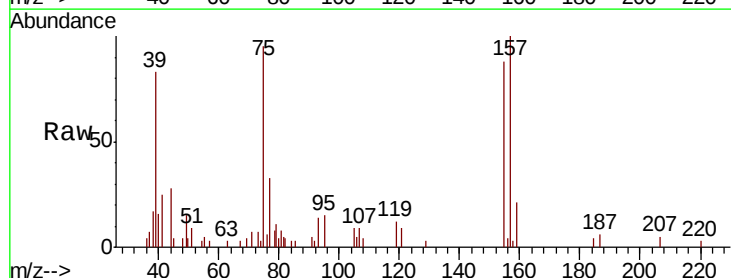
Tgt Ion: 75 Resp: 4950

Ion Ratio Lower Upper

75 100

155 92.2 35.9 107.7

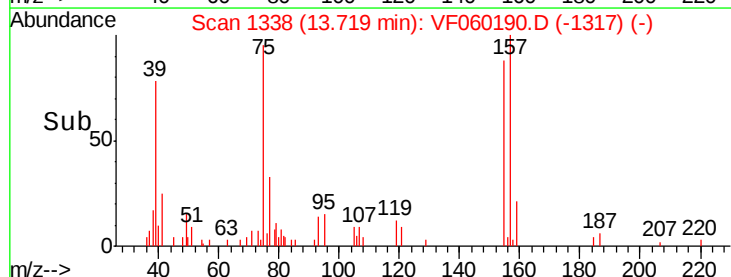
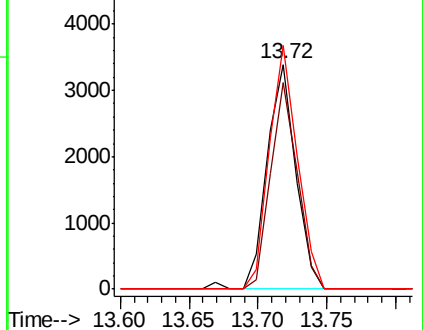
157 108.5 46.1 138.3

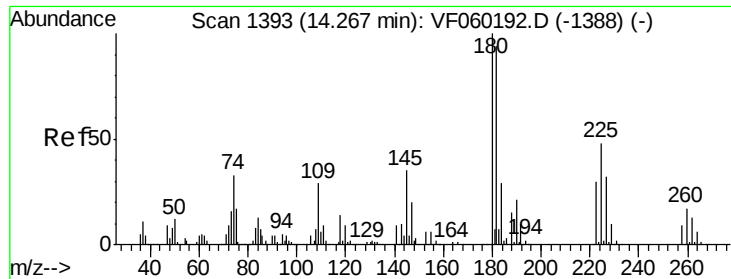


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

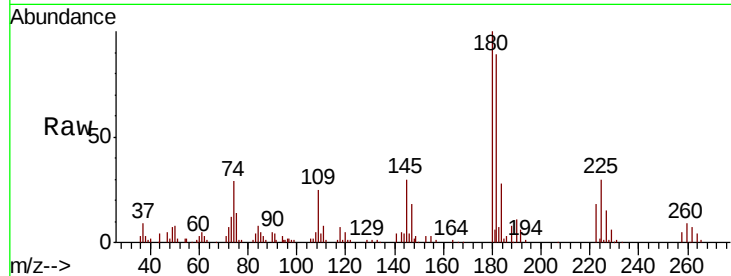




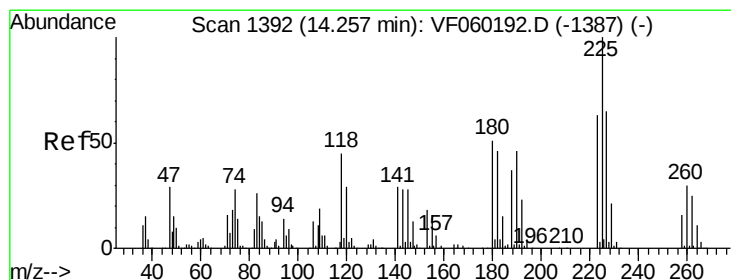
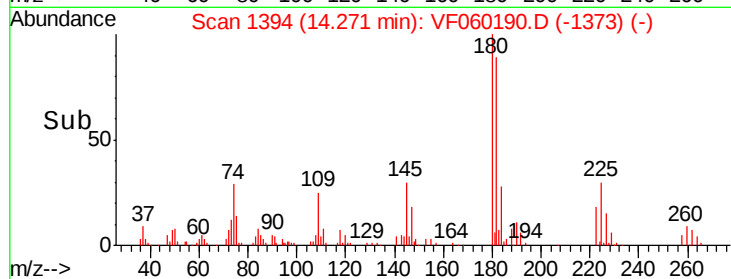
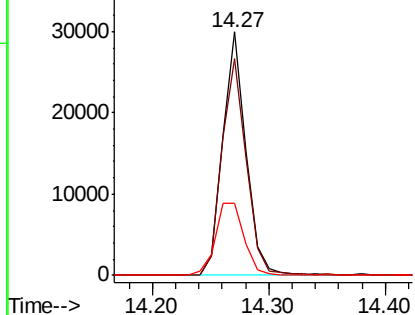
#93
 1,2,4-Trichlorobenzene
 Concen: 17.788 ug/l
 RT: 14.27 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: VF060190.D
 Acq: 29 Aug 2018 15:35

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 41337
 Ion Ratio Lower Upper
 180 100
 182 89.3 47.1 141.4
 145 29.8 17.3 51.7

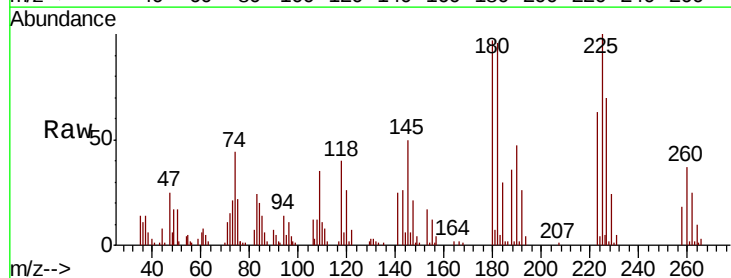


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

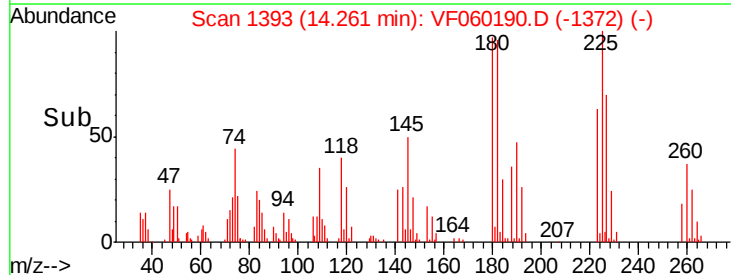
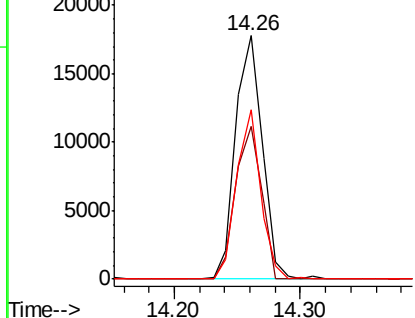


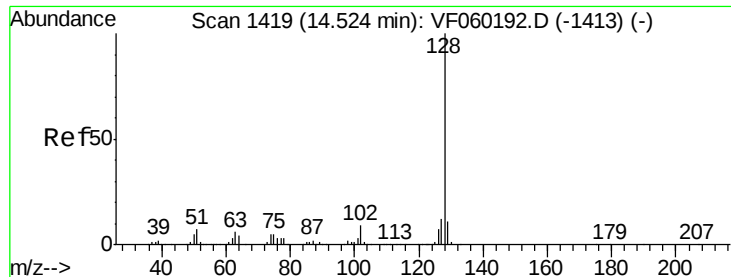
#94
 Hexachlorobutadiene
 Concen: 6.965 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VF060190.D
 Acq: 29 Aug 2018 15:35

Tgt Ion:225 Resp: 25983
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 95.0
 227 69.5 32.3 96.9



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

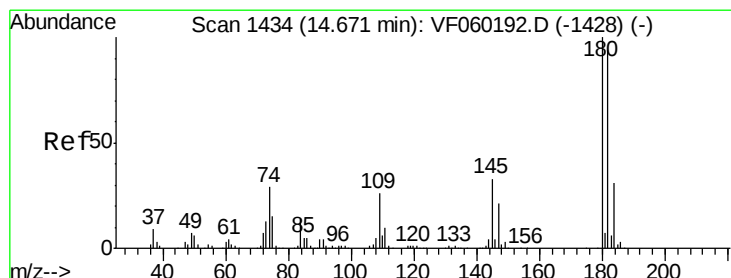
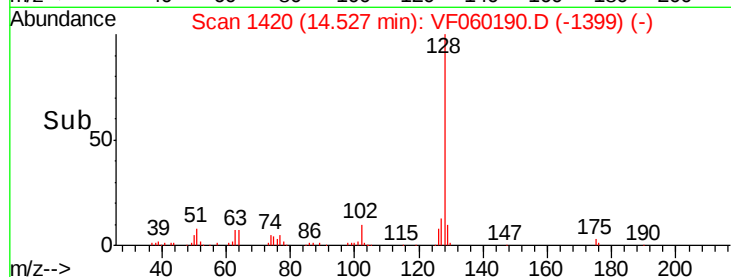
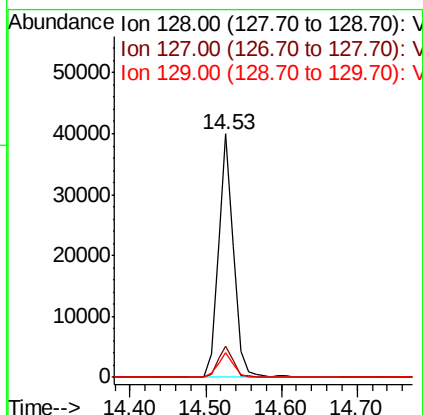
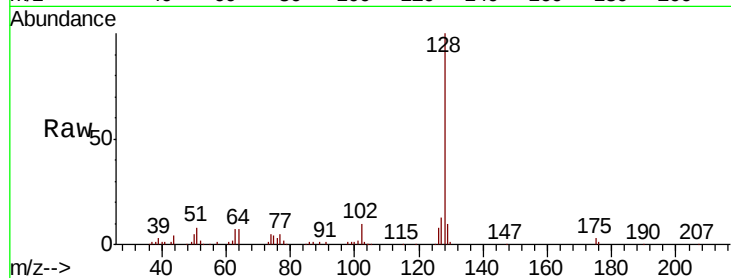




#95
Naphthalene
Concen: 23.469 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. 0.00 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 56431
Ion Ratio Lower Upper
128 100
127 12.9 9.8 14.8
129 10.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.859 ug/l
RT: 14.67 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VF060190.D
Acq: 29 Aug 2018 15:35

Tgt Ion:180 Resp: 37688
Ion Ratio Lower Upper
180 100
182 101.5 46.9 140.6
145 32.3 16.4 49.4

