

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF083018\
 Data File : VF060194.D
 Acq On : 29 Aug 2018 17:25
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 30 03:51:59 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	162037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	249173	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	263878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	163529	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.02	65	288218	213.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	427.42%	
35) Dibromofluoromethane	4.30	113	223787	128.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	257.88%	
50) Toluene-d8	7.72	98	555349	99.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.78%	
62) 4-Bromofluorobenzene	11.51	95	314586	138.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.95	85	291675	89.720	ug/l	98
3) Chloromethane	1.07	50	166652	125.682	ug/l	92
4) Vinyl Chloride	1.12	62	134761	107.524	ug/l	95
5) Bromomethane	1.32	94	103125	144.728	ug/l	99
6) Chloroethane	1.39	64	68791	92.914	ug/l	97
7) Trichlorofluoromethane	1.48	101	354676	65.801	ug/l	98
8) Diethyl Ether	1.70	74	53975	204.666	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	1.86	101	166951	70.374	ug/l	97
10) Methyl Iodide	1.93	142	139705	110.257	ug/l	95
11) Tert butyl alcohol	2.69	59	72729	1967.869	ug/l	97
12) 1,1-Dichloroethene	1.83	96	110775	73.916	ug/l	98
13) Acrolein	2.10	56	41115	1291.634	ug/l	87
14) Allyl chloride	2.20	41	152939	112.325	ug/l	97
15) Acrylonitrile	3.08	53	106692	1404.904	ug/l	94
16) Acetone	2.34	43	303813	1378.285	ug/l	98
17) Carbon Disulfide	1.84	76	365173	82.892	ug/l	100
18) Methyl Acetate	2.45	43	95666	216.286	ug/l	97
19) Methyl tert-butyl Ether	2.54	73	394159	245.623	ug/l	98
20) Methylene Chloride	2.28	84	126077	129.176	ug/l	# 90
21) trans-1,2-Dichloroethene	2.41	96	122526	94.711	ug/l	99
22) Diisopropyl ether	2.93	45	438108	177.416	ug/l	98
23) Vinyl Acetate	3.34	43	1382524	1585.785	ug/l	# 95
24) 1,1-Dichloroethane	3.00	63	272211	117.343	ug/l	99
25) 2-Butanone	4.51	43	390488	1646.810	ug/l	99
26) 2,2-Dichloropropane	3.76	77	349297	187.010	ug/l	97
27) cis-1,2-Dichloroethene	3.63	96	174271	166.656	ug/l	93
28) Bromochloromethane	3.89	49	87411	151.004	ug/l	90
29) Tetrahydrofuran	4.26	42	146896	1523.083	ug/l	98
30) Chloroform	4.04	83	430060	152.111	ug/l	95
31) Cyclohexane	3.86	56	194454	93.345	ug/l	99
32) 1,1,1-Trichloroethane	4.28	97	406561	111.661	ug/l	99
36) 1,1-Dichloropropene	4.46	75	273410	81.942	ug/l	99
37) Ethyl Acetate	4.30	43	157104	246.333	ug/l	# 84
38) Carbon Tetrachloride	4.17	117	370545	81.903	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	224301	71.964	ug/l	99
40) Benzene	4.81	78	508763	105.718	ug/l	98
41) Methacrylonitrile	4.93	41	75329	229.734	ug/l	96
42) 1,2-Dichloroethane	5.12	62	370114	181.200	ug/l	99
43) Isopropyl Acetate	7.11	43	197369	253.180	ug/l #	95
44) Trichloroethene	5.68	130	177015	89.063	ug/l	100
45) 1,2-Dichloropropane	6.40	63	151276	138.099	ug/l	94
46) Dibromomethane	6.26	93	138912	205.244	ug/l	98
47) Bromodichloromethane	6.55	83	356120	160.105	ug/l	94
48) Methyl methacrylate	6.88	41	143446	231.672	ug/l	97
49) 1,4-Dioxane	6.88	88	25212	5869.307	ug/l	91
51) 4-Methyl-2-Pentanone	8.41	43	807945	1148.133	ug/l	99
52) Toluene	7.78	92	352872	96.859	ug/l	94
53) t-1,3-Dichloropropene	8.44	75	307549	210.025	ug/l	97
54) cis-1,3-Dichloropropene	7.46	75	320483	180.558	ug/l	98
55) 1,1,2-Trichloroethane	8.64	97	156889	198.311	ug/l	92
56) Ethyl methacrylate	8.76	69	191707	246.090	ug/l	96
57) 1,3-Dichloropropane	9.01	76	273544	199.033	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.78	63	78240	516.756	ug/l	100
59) 2-Hexanone	9.64	43	655923	1239.340	ug/l	99
60) Dibromochloromethane	8.87	129	263478	204.575	ug/l	90
61) 1,2-Dibromoethane	9.14	107	192174	221.197	ug/l	95
64) Tetrachloroethene	8.31	164	184055	60.722	ug/l	97
65) Chlorobenzene	9.94	112	511898	96.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.07	131	219922	118.999	ug/l	99
67) Ethyl Benzene	10.04	91	893898	77.682	ug/l	97
68) m/p-Xylenes	10.28	106	613097	159.463	ug/l	97
69) o-Xylene	10.83	106	332292	94.238	ug/l	97
70) Styrene	10.91	104	495919	109.183	ug/l	100
71) Bromoform	10.89	173	160470	205.228	ug/l	98
73) Isopropylbenzene	11.23	105	1016917	61.575	ug/l	99
74) N-amyl acetate	11.47	43	329549	193.295	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.79	83	209535	150.824	ug/l	98
76) 1,2,3-Trichloropropane	11.89	75	174393	148.212	ug/l	95
77) Bromobenzene	11.60	156	269564	101.845	ug/l	97
78) n-propylbenzene	11.69	91	1158408	58.121	ug/l	97
79) 2-Chlorotoluene	11.82	91	733316	76.235	ug/l	95
80) 1,3,5-Trimethylbenzene	11.91	105	867789	68.035	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.96	75	105659	304.719	ug/l	96
82) 4-Chlorotoluene	11.99	91	811526	84.633	ug/l	96
83) tert-Butylbenzene	12.22	119	823648	61.550	ug/l	98
84) 1,2,4-Trimethylbenzene	12.29	105	905088	81.409	ug/l	100
85) sec-Butylbenzene	12.39	105	1134977	58.011	ug/l	99
86) p-Isopropyltoluene	12.55	119	962932	65.544	ug/l	98
87) 1,3-Dichlorobenzene	12.57	146	477977	86.909	ug/l	97
88) 1,4-Dichlorobenzene	12.65	146	485995	95.845	ug/l	98
89) n-Butylbenzene	12.92	91	933678	73.064	ug/l	96
90) Hexachloroethane	13.00	117	226621	71.399	ug/l	93
91) 1,2-Dichlorobenzene	13.03	146	467278	105.359	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.72	75	55675	206.121	ug/l	86

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QLast Update : Thu Aug 30 02:37:52 2018
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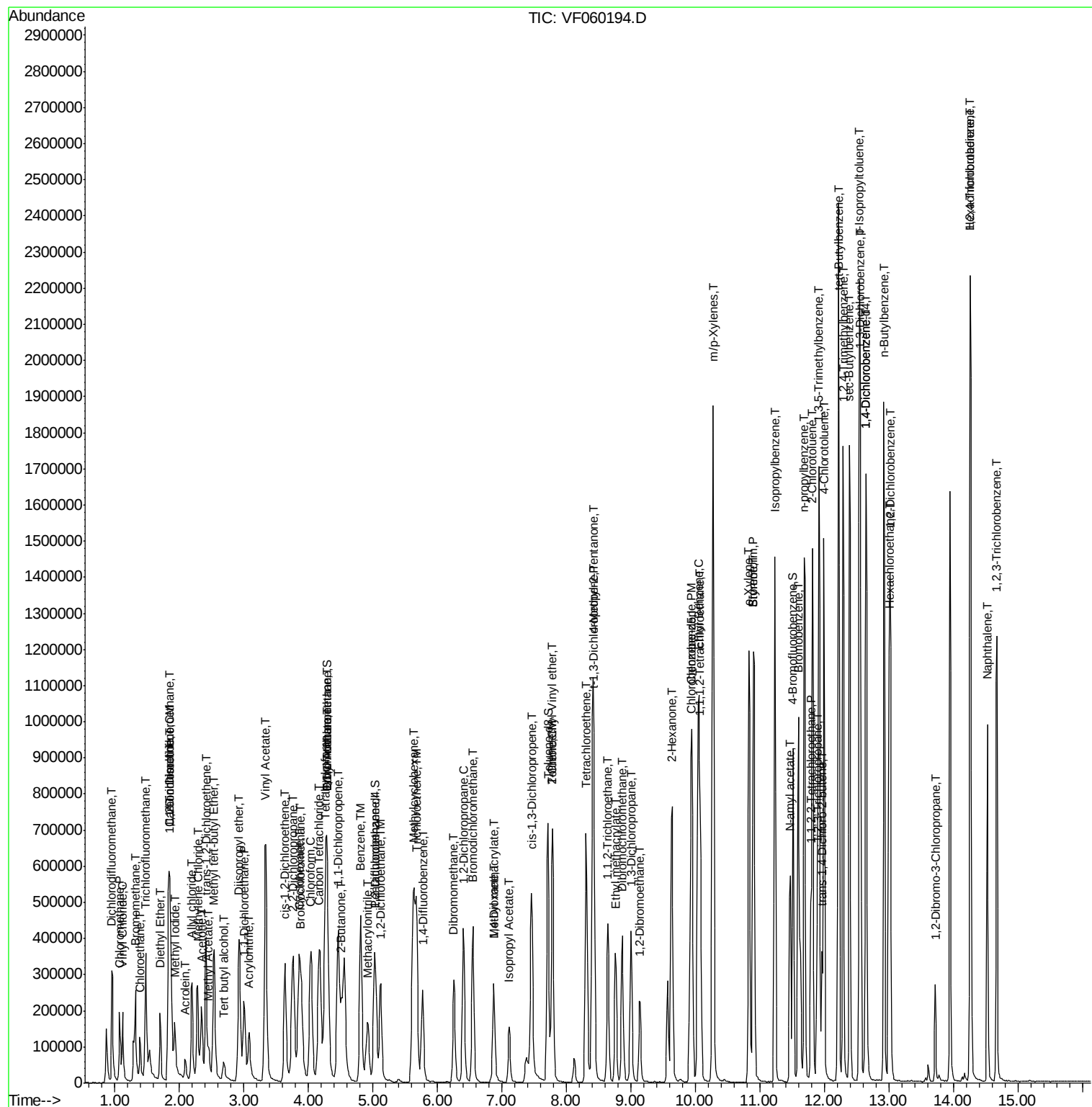
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	365287	164.022	ug/l	99
94) Hexachlorobutadiene	14.26	225	241484	67.550	ug/l	99
95) Naphthalene	14.53	128	674197	292.579	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	368124	192.211	ug/l	95

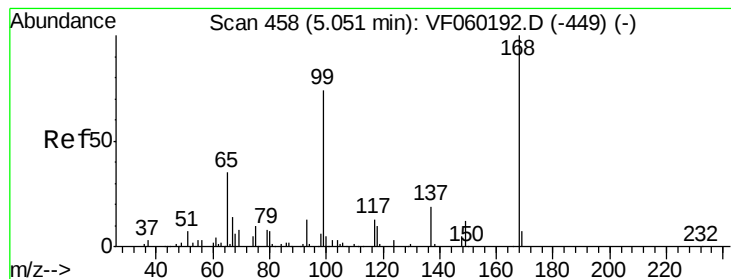
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

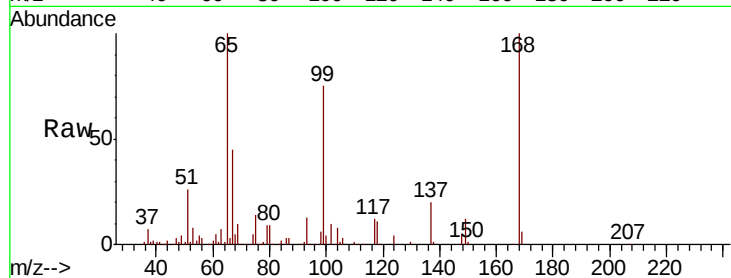
VSTDIC100

Tgt Ion:168 Resp: 162037

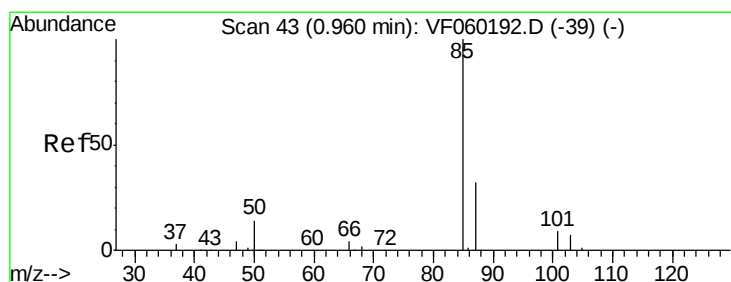
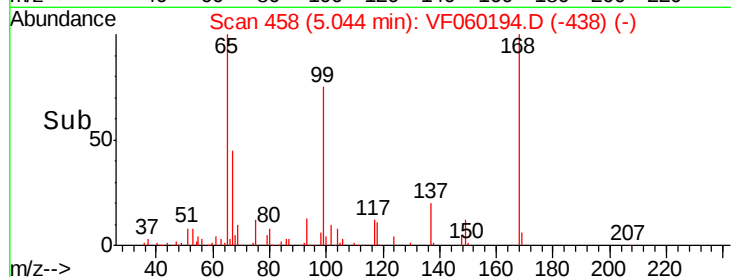
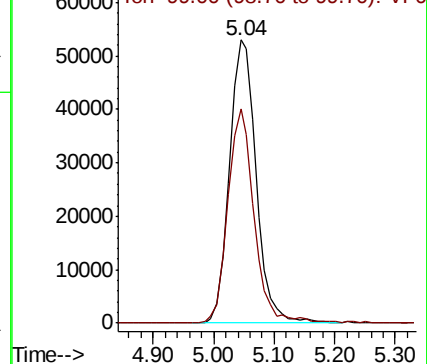
Ion Ratio Lower Upper

168 100

99 75.5 59.4 89.0



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 89.720 ug/l

RT: 0.95 min Scan# 43

Delta R.T. -0.01 min

Lab File: VF060194.D

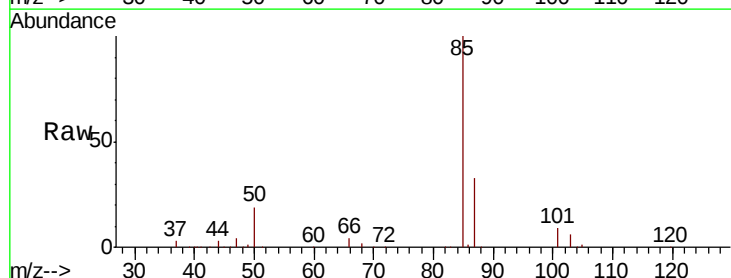
Acq: 29 Aug 2018 17:25

Tgt Ion: 85 Resp: 291675

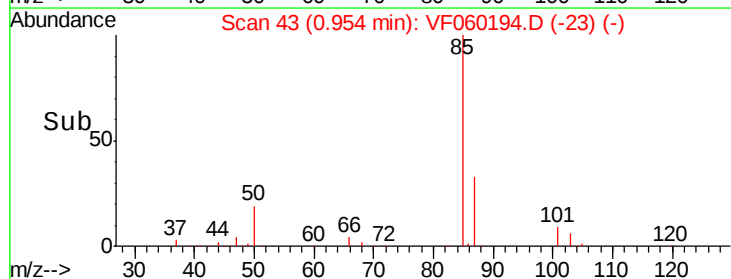
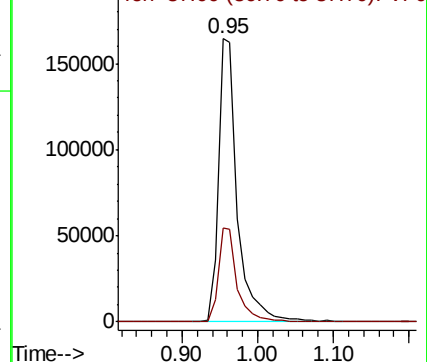
Ion Ratio Lower Upper

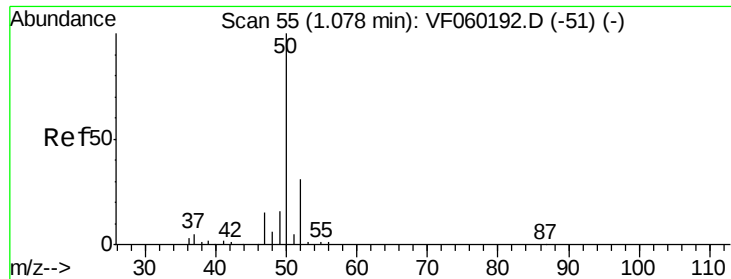
85 100

87 33.1 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 125.682 ug/l

RT: 1.07 min Scan# 55

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

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ClientSampleId :

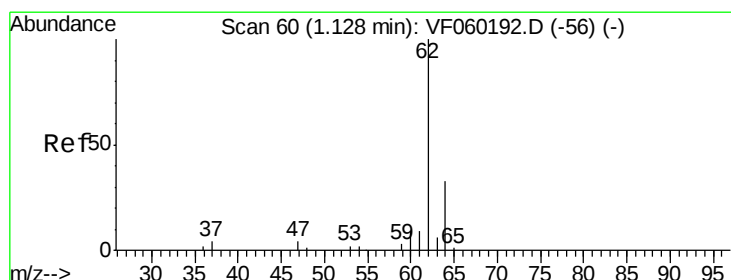
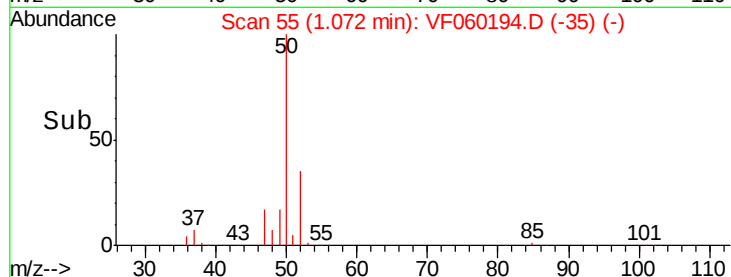
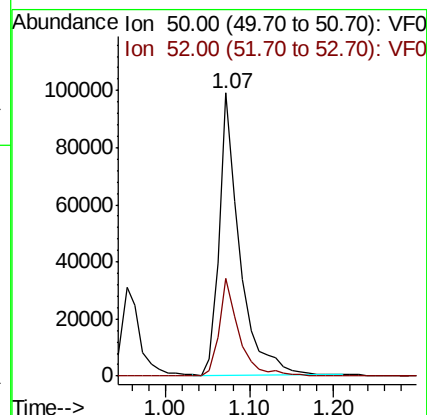
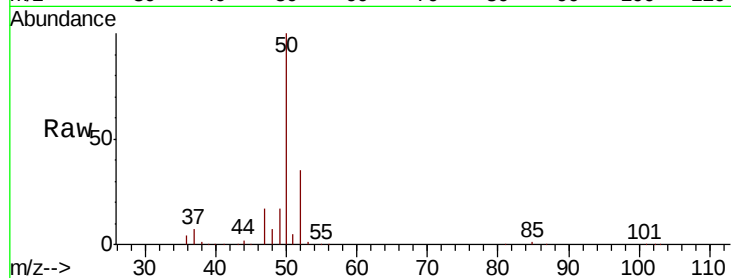
VSTDIC100

Tgt Ion: 50 Resp: 166652

Ion Ratio Lower Upper

50 100

52 34.6 24.3 36.5



#4

Vinyl Chloride

Concen: 107.524 ug/l

RT: 1.12 min Scan# 60

Delta R.T. -0.01 min

Lab File: VF060194.D

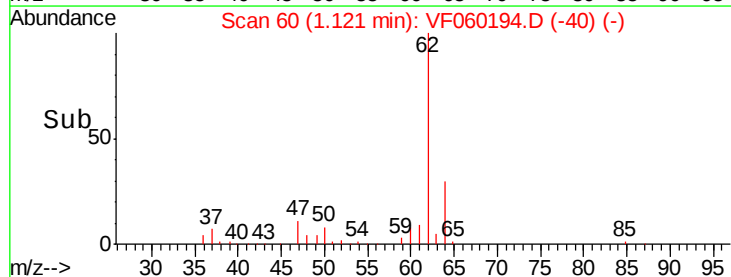
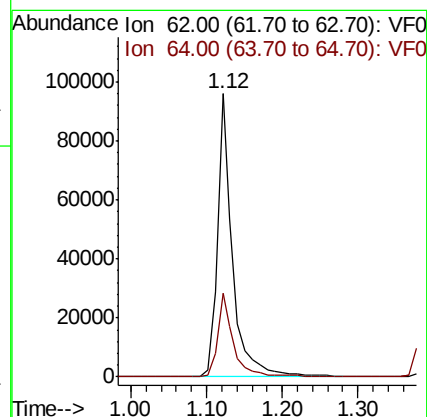
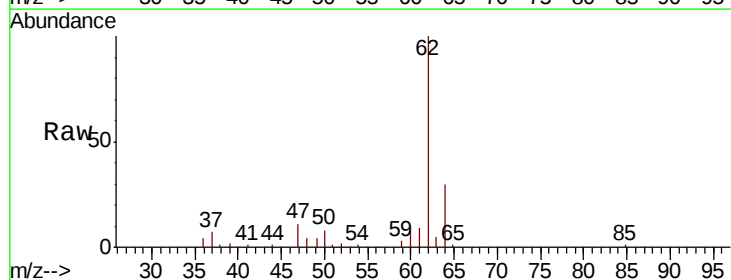
Acq: 29 Aug 2018 17:25

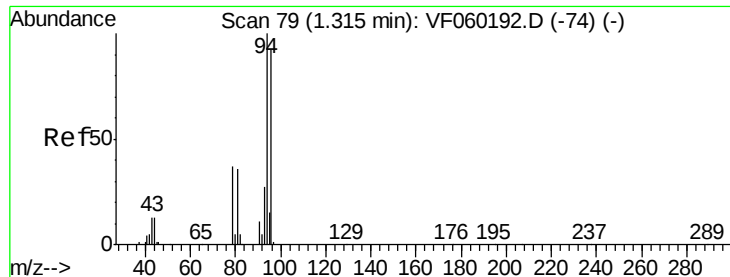
Tgt Ion: 62 Resp: 134761

Ion Ratio Lower Upper

62 100

64 29.6 26.1 39.1





#5

Bromomethane

Concen: 144.728 ug/l

RT: 1.32 min Scan# 80

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

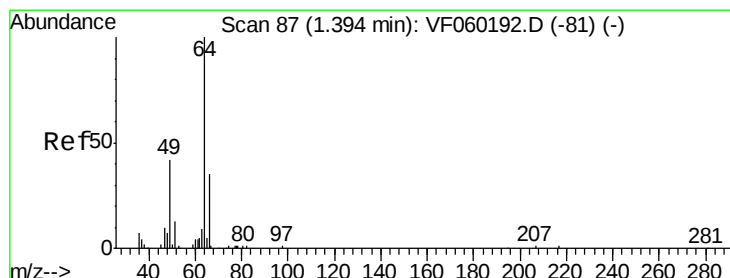
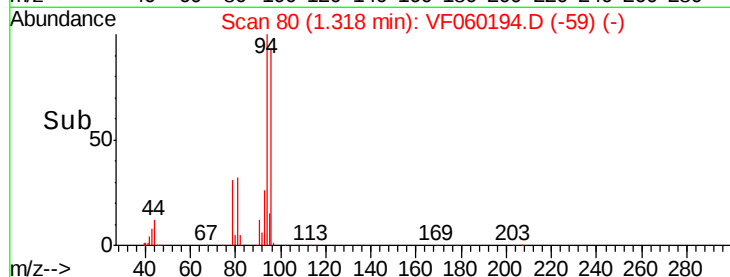
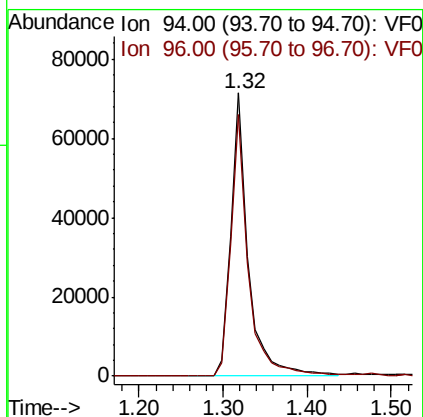
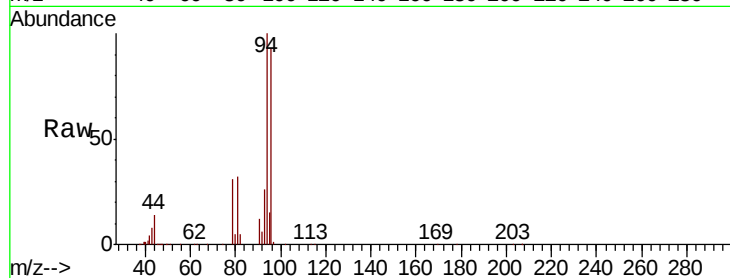
VSTDIC100

Tgt Ion: 94 Resp: 103125

Ion Ratio Lower Upper

94 100

96 92.6 73.6 110.4



#6

Chloroethane

Concen: 92.914 ug/l

RT: 1.39 min Scan# 87

Delta R.T. -0.01 min

Lab File: VF060194.D

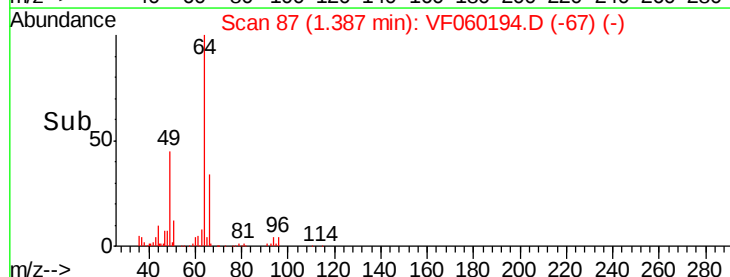
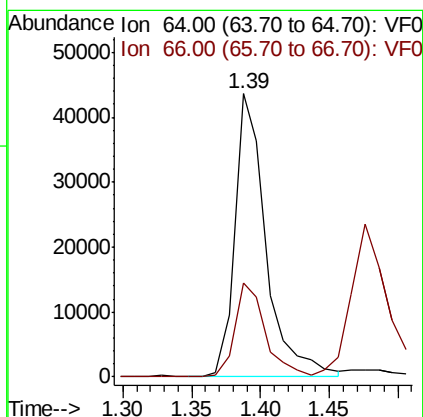
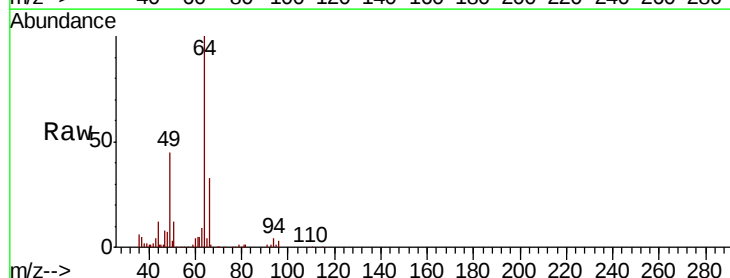
Acq: 29 Aug 2018 17:25

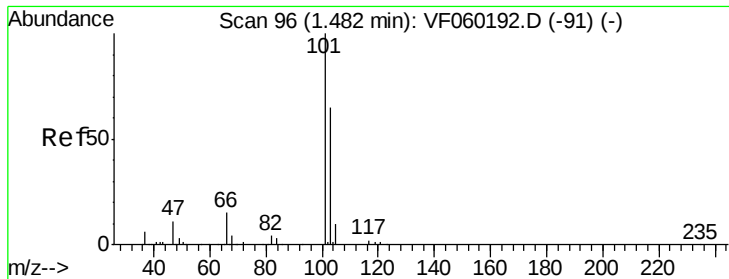
Tgt Ion: 64 Resp: 68791

Ion Ratio Lower Upper

64 100

66 33.3 28.2 42.4



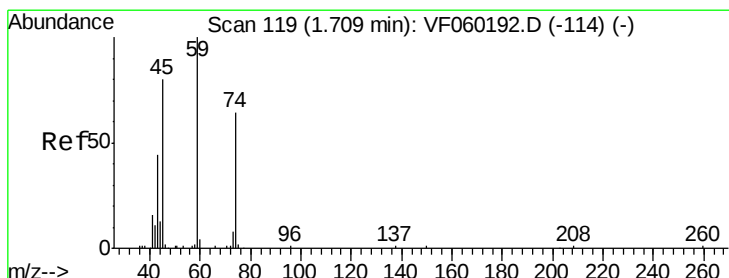
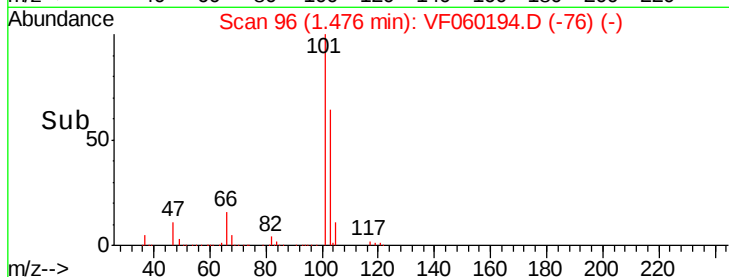
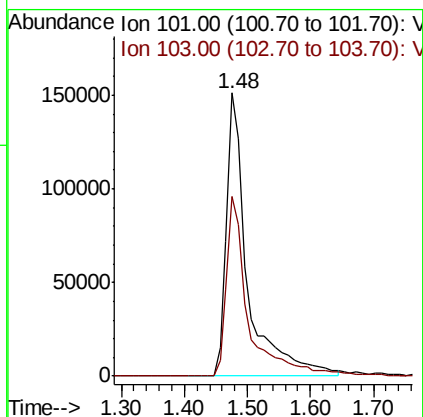
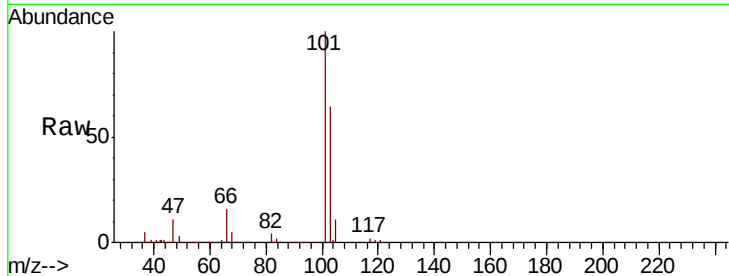


#7

Trichlorofluoromethane
Concen: 65.801 ug/l
RT: 1.48 min Scan# 96
Delta R.T. -0.01 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

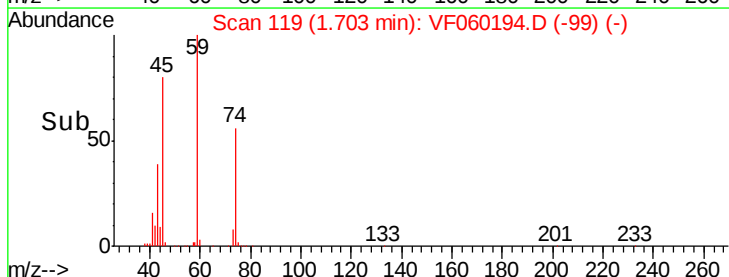
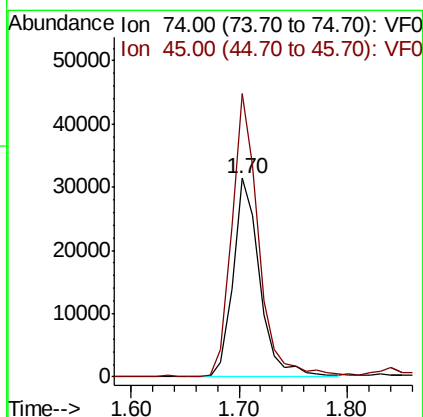
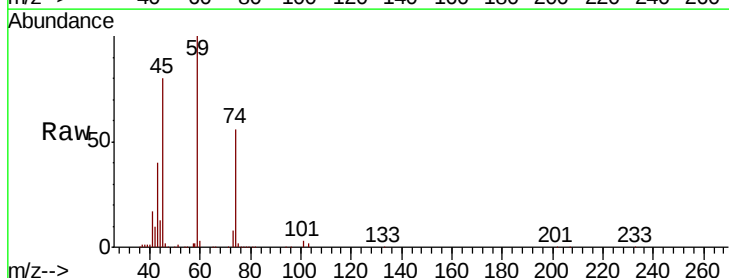
Tgt Ion: 101 Resp: 354676
Ion Ratio Lower Upper
101 100
103 63.7 52.4 78.6

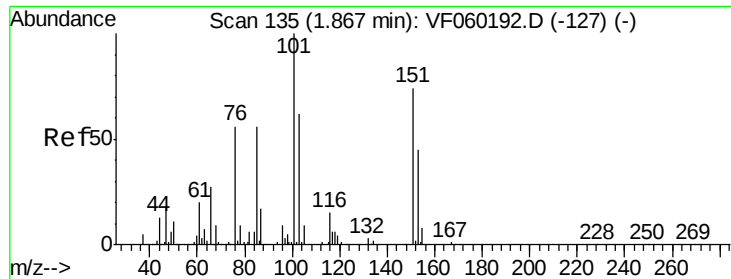


#8

Diethyl Ether
Concen: 204.666 ug/l
RT: 1.70 min Scan# 119
Delta R.T. -0.01 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Tgt Ion: 74 Resp: 53975
Ion Ratio Lower Upper
74 100
45 142.8 63.3 190.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 70.374 ug/l

RT: 1.86 min Scan# 135

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

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VSTDIC100

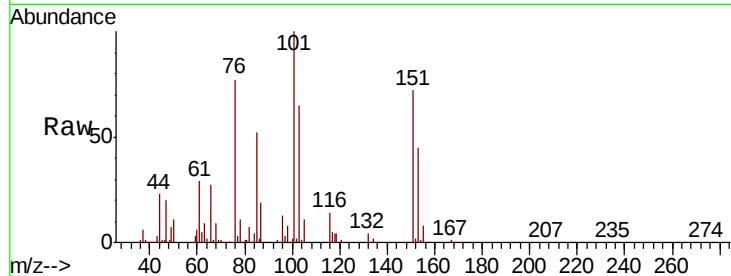
Tgt Ion:101 Resp: 166951

Ion Ratio Lower Upper

101 100

85 52.0 44.5 66.7

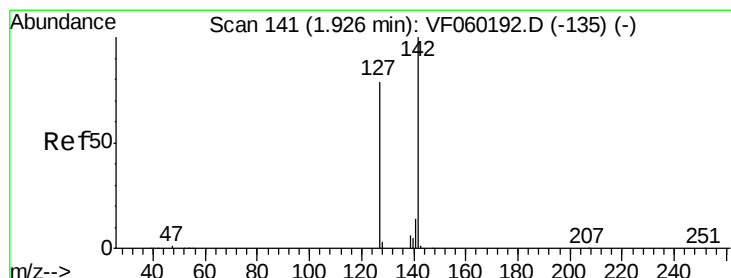
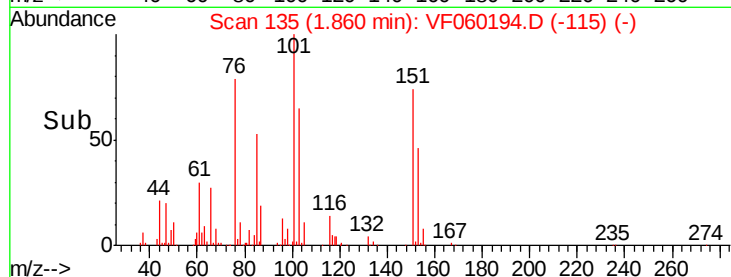
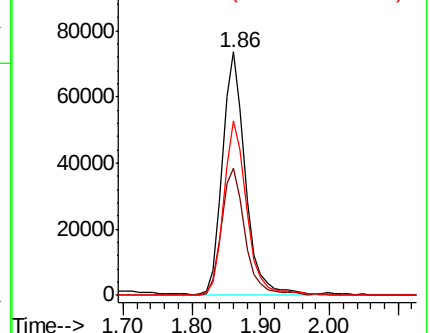
151 71.8 58.8 88.2



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: 110.257 ug/l

RT: 1.93 min Scan# 142

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

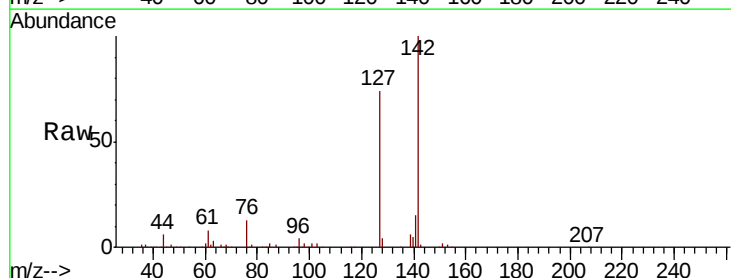
Tgt Ion:142 Resp: 139705

Ion Ratio Lower Upper

142 100

127 74.1 62.6 94.0

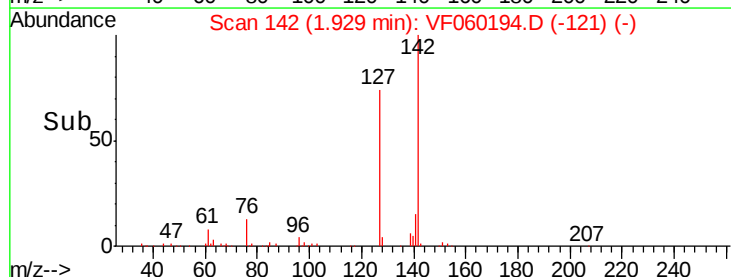
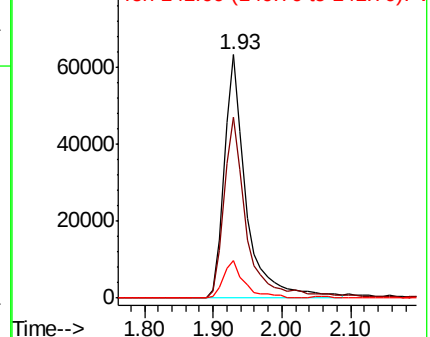
141 15.3 10.9 16.3

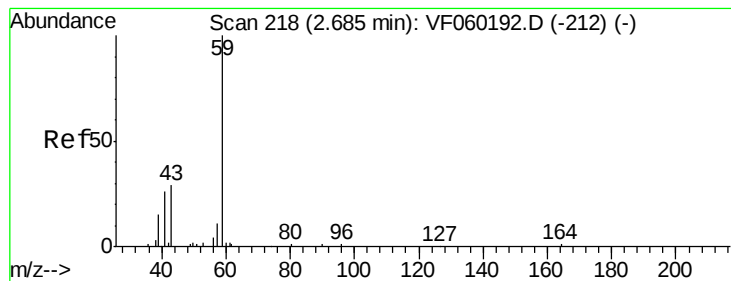


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



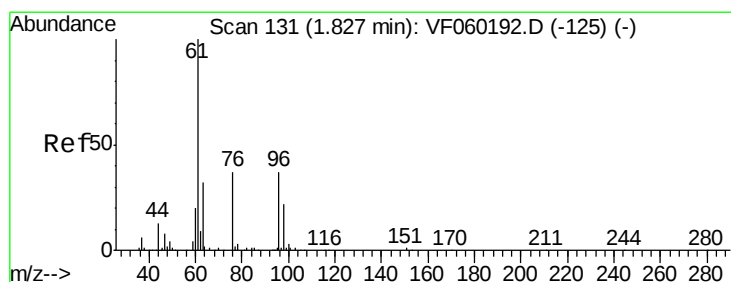
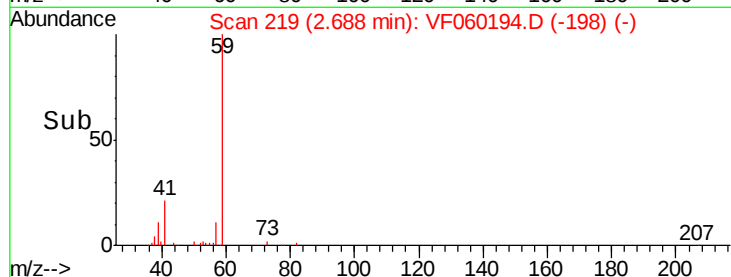
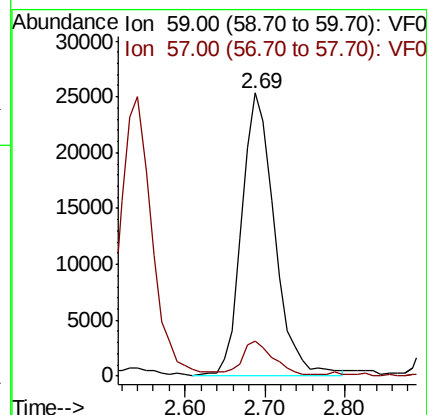
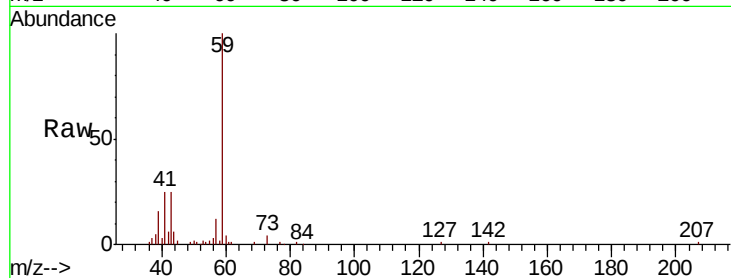


#11

Tert butyl alcohol
 Concen: 1967.869 ug/l
 RT: 2.69 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VF060194.D
 Acq: 29 Aug 2018 17:25

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC100

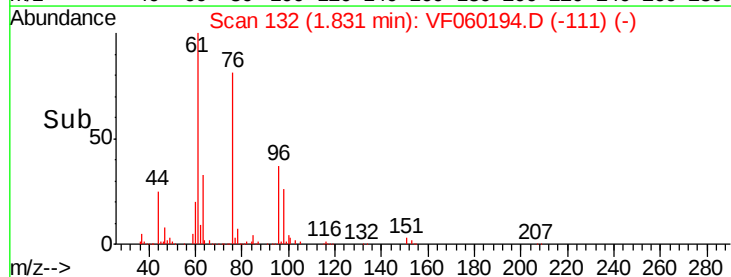
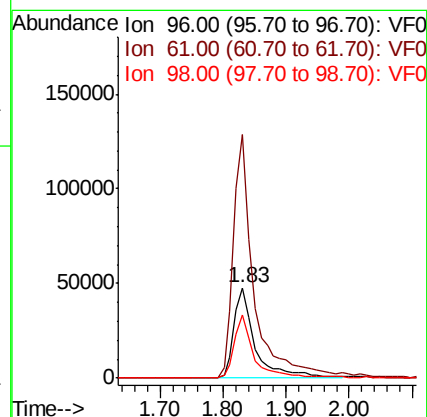
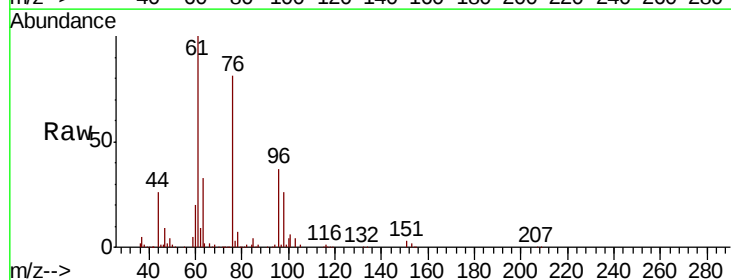
Tgt Ion: 59 Resp: 72729
 Ion Ratio Lower Upper
 59 100
 57 12.3 10.7 16.1

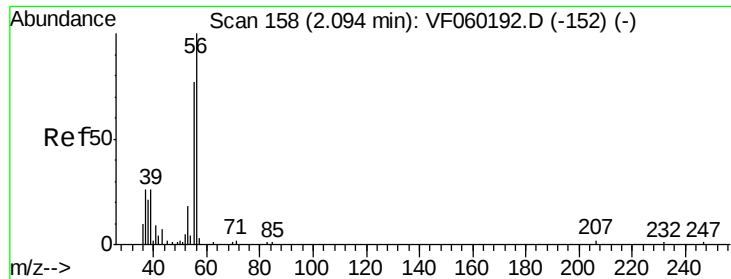


#12

1,1-Dichloroethene
 Concen: 73.916 ug/l
 RT: 1.83 min Scan# 132
 Delta R.T. 0.00 min
 Lab File: VF060194.D
 Acq: 29 Aug 2018 17:25

Tgt Ion: 96 Resp: 110775
 Ion Ratio Lower Upper
 96 100
 61 268.8 215.2 322.8
 98 69.1 47.6 71.4

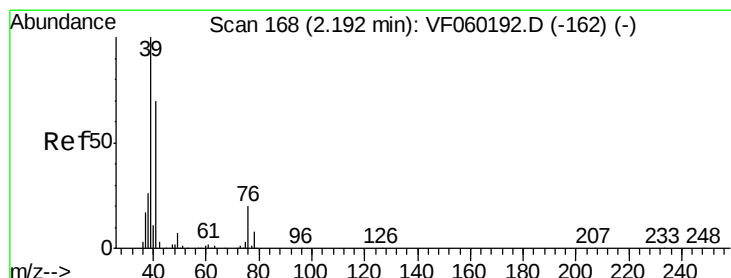
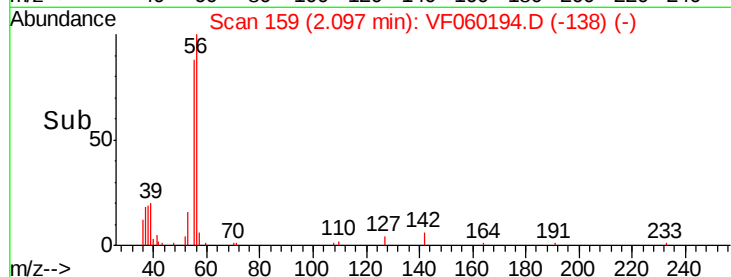
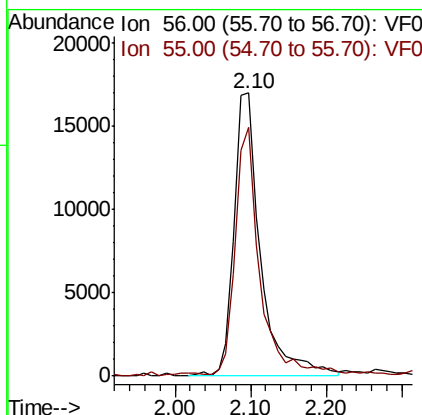
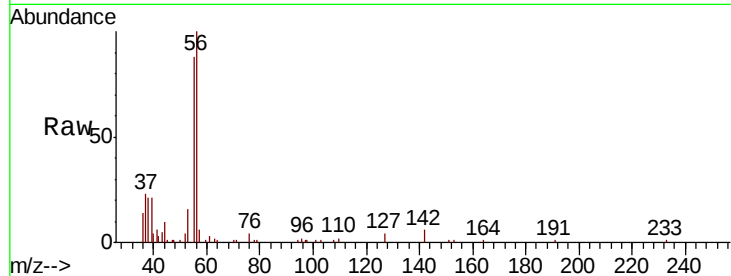




#13
Acrolein
Concen: 1291.634 ug/l
RT: 2.10 min Scan# 159
Delta R.T. 0.00 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

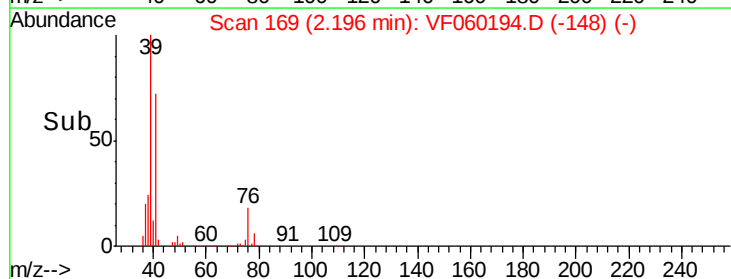
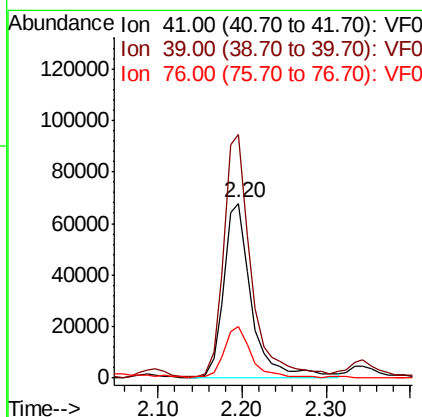
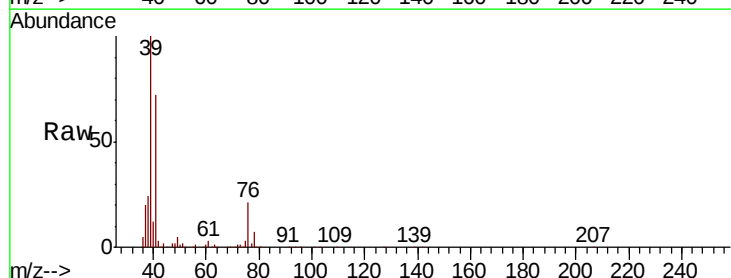
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

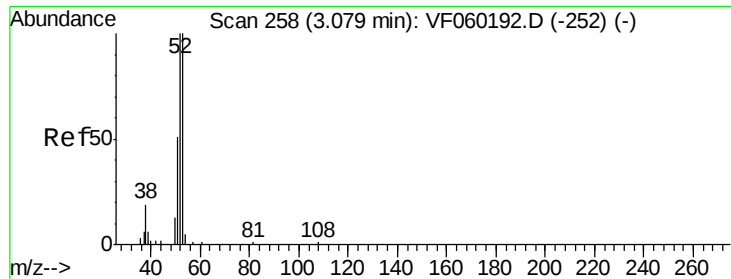
Tgt Ion: 56 Resp: 41115
Ion Ratio Lower Upper
56 100
55 87.7 61.4 92.0



#14
Allyl chloride
Concen: 112.325 ug/l
RT: 2.20 min Scan# 169
Delta R.T. 0.00 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Tgt Ion: 41 Resp: 152939
Ion Ratio Lower Upper
41 100
39 139.1 114.6 172.0
76 29.8 23.1 34.7





#15

Acrylonitrile

Concen: 1404.904 ug/l

RT: 3.08 min Scan# 259

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDICC100

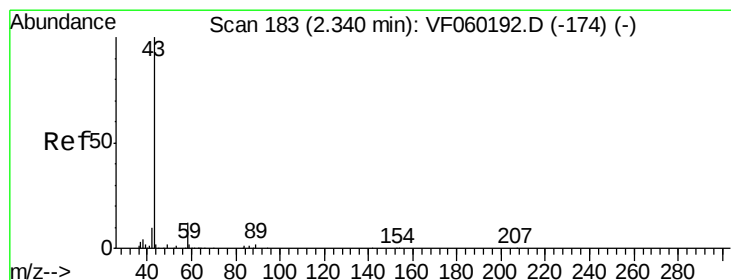
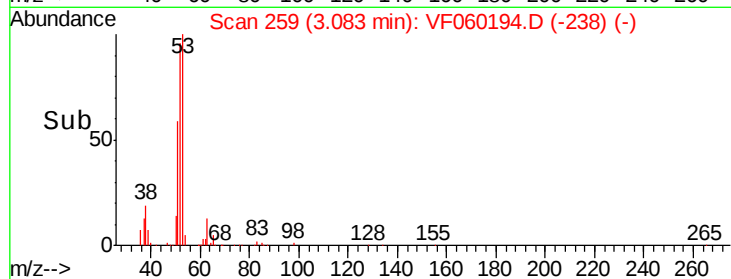
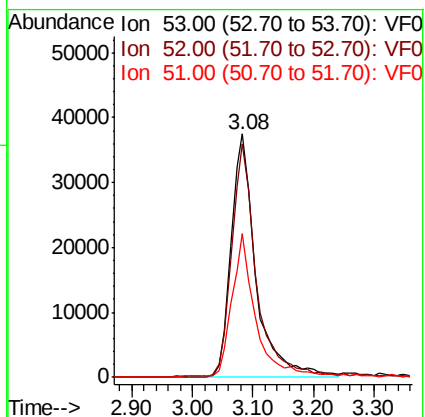
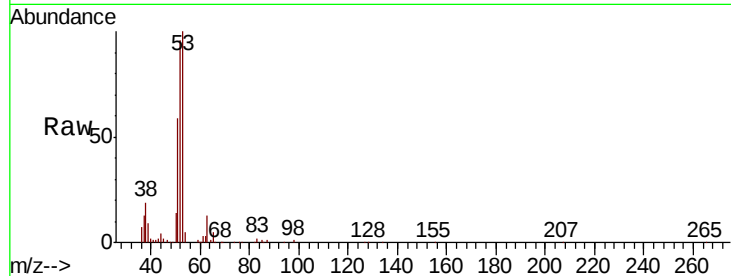
Tgt Ion: 53 Resp: 106692

Ion Ratio Lower Upper

53 100

52 96.1 80.2 120.4

51 58.9 42.4 63.6



#16

Acetone

Concen: 1378.285 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF060194.D

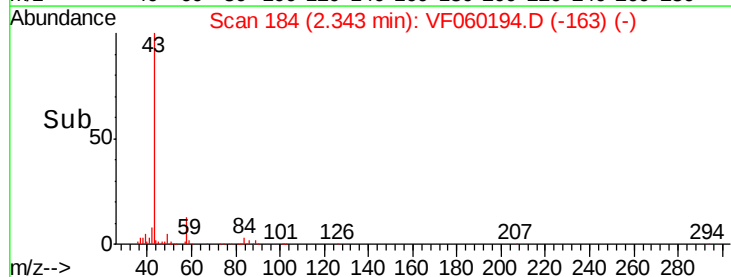
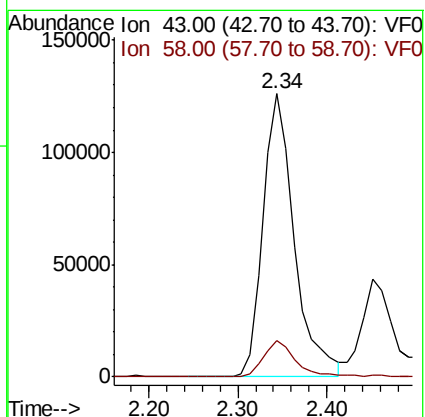
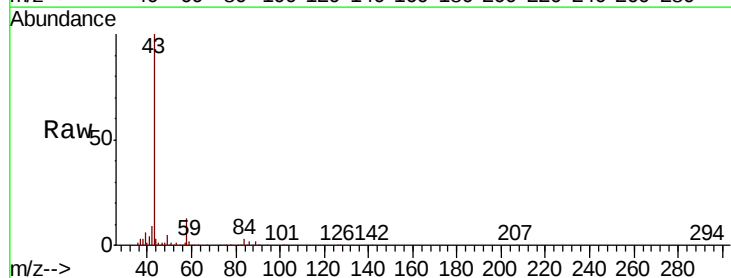
Acq: 29 Aug 2018 17:25

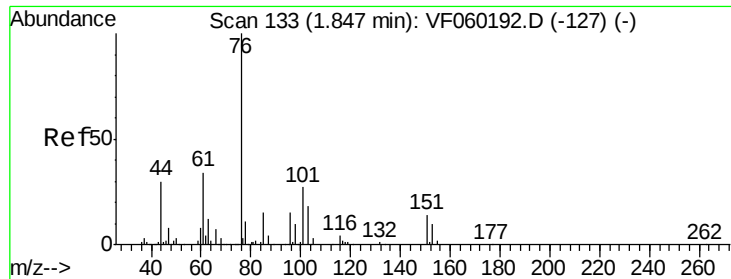
Tgt Ion: 43 Resp: 303813

Ion Ratio Lower Upper

43 100

58 12.9 9.6 14.4

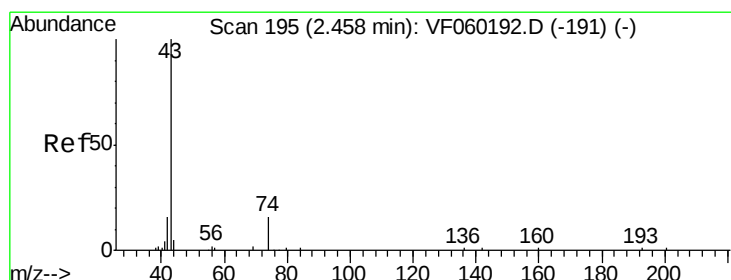
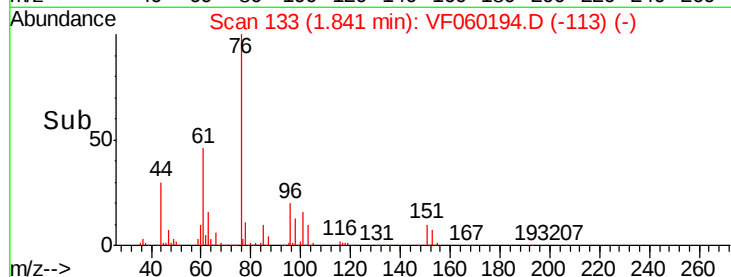
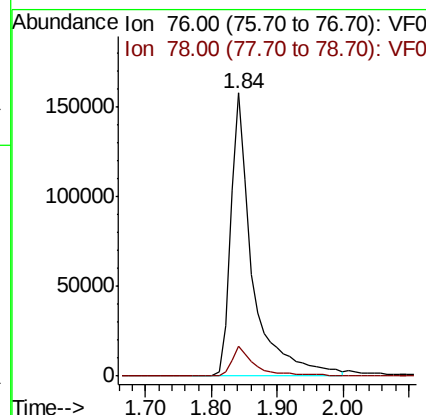
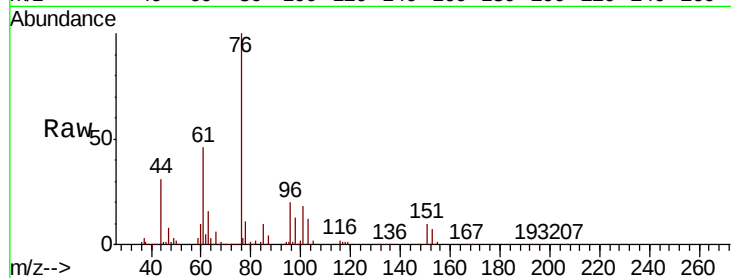




#17
Carbon Disulfide
Concen: 82.892 ug/l
RT: 1.84 min Scan# 133
Delta R.T. -0.01 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

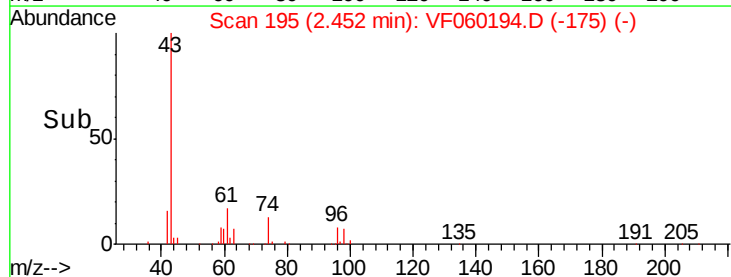
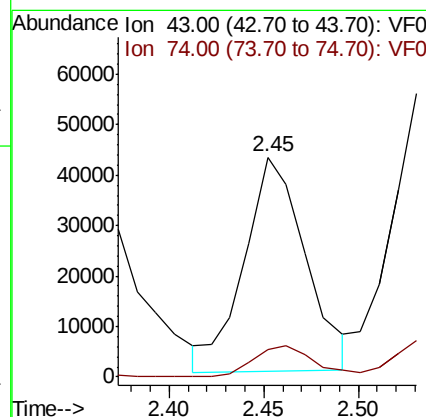
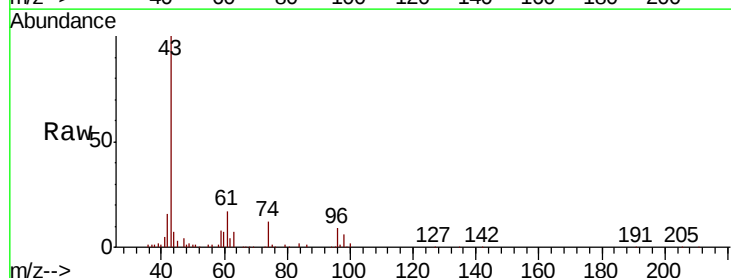
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

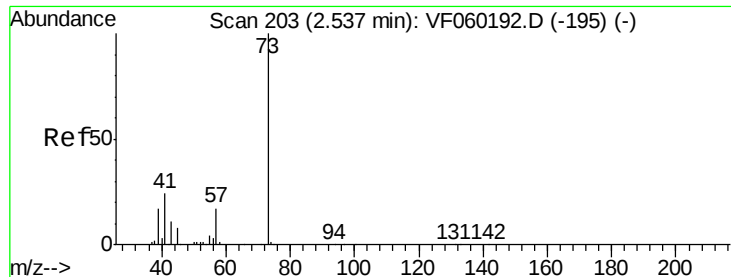
Tgt Ion: 76 Resp: 365173
Ion Ratio Lower Upper
76 100
78 10.8 8.6 13.0



#18
Methyl Acetate
Concen: 216.286 ug/l
RT: 2.45 min Scan# 195
Delta R.T. -0.01 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Tgt Ion: 43 Resp: 95666
Ion Ratio Lower Upper
43 100
74 12.5 11.0 16.4



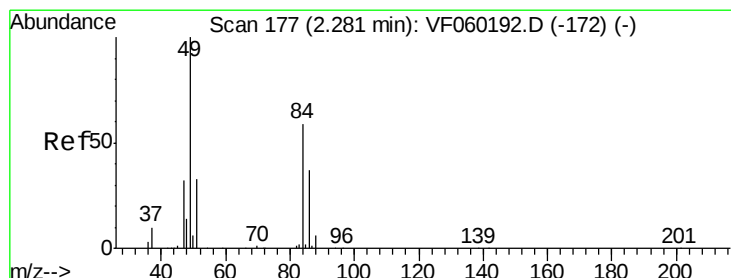
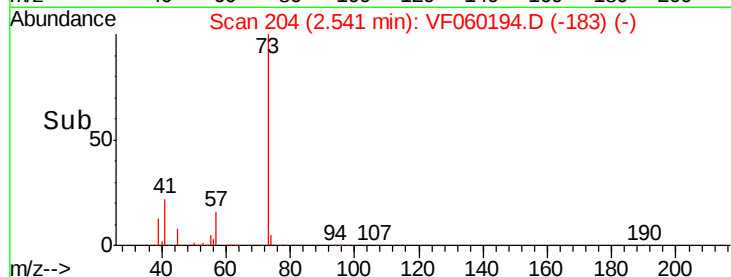
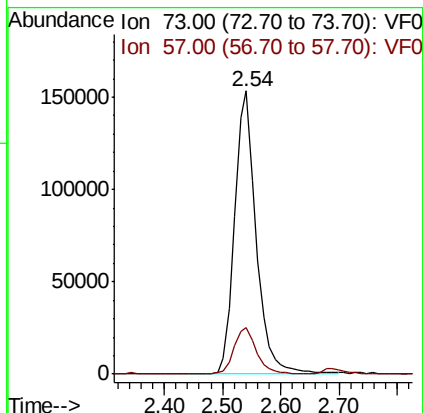
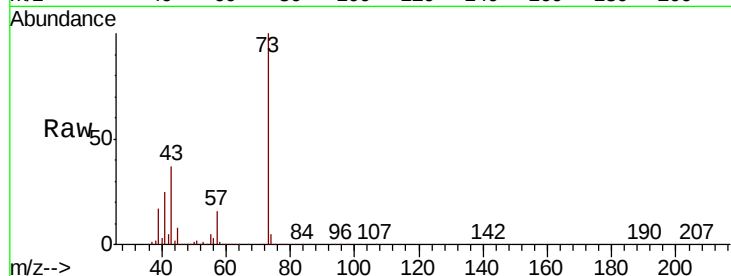


#19

Methyl tert-butyl Ether
 Concen: 245.623 ug/l
 RT: 2.54 min Scan# 204
 Delta R.T. 0.00 min
 Lab File: VF060194.D
 Acq: 29 Aug 2018 17:25

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC100

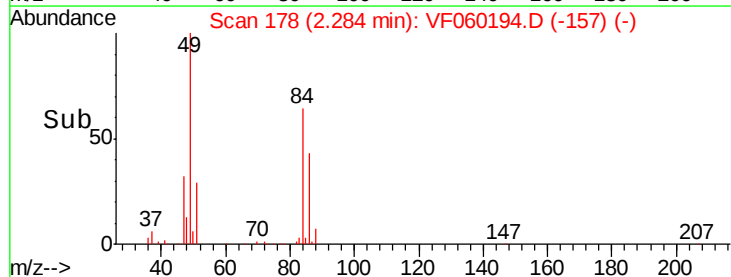
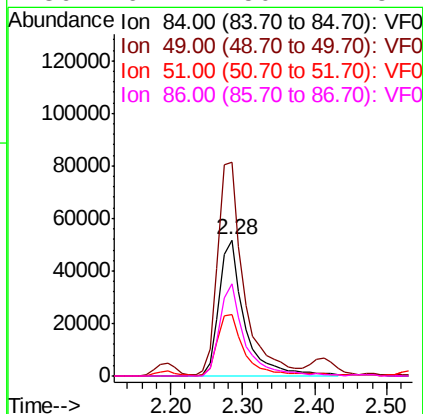
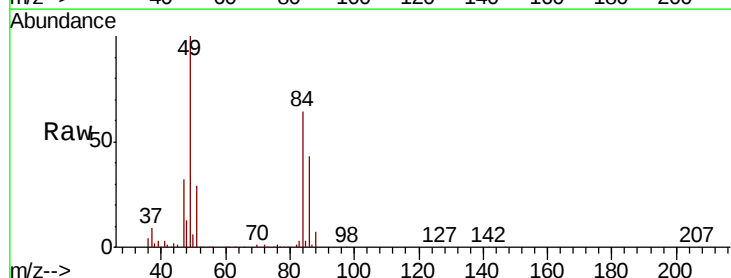
Tgt Ion: 73 Resp: 394159
 Ion Ratio Lower Upper
 73 100
 57 16.3 13.6 20.4

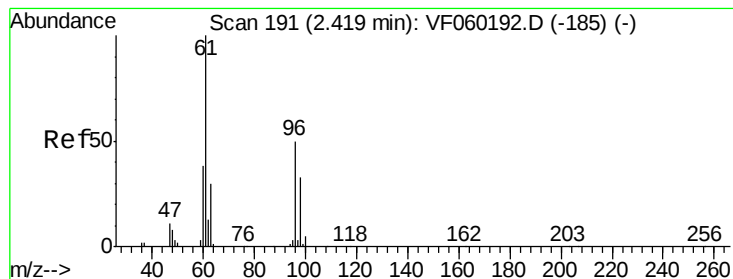


#20

Methylene Chloride
 Concen: 129.176 ug/l
 RT: 2.28 min Scan# 178
 Delta R.T. 0.00 min
 Lab File: VF060194.D
 Acq: 29 Aug 2018 17:25

Tgt Ion: 84 Resp: 126077
 Ion Ratio Lower Upper
 84 100
 49 156.9 136.4 204.6
 51 45.1 45.1 67.7#
 86 67.4 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 94.711 ug/l

RT: 2.41 min Scan# 191

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC100

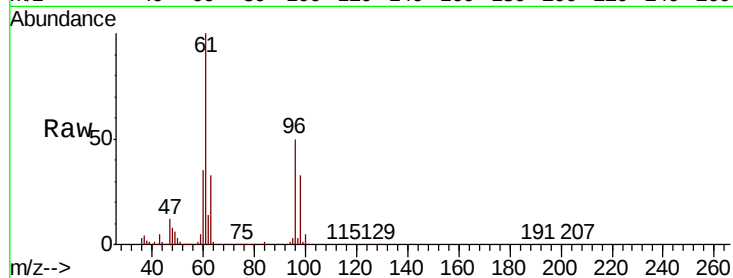
Tgt Ion: 96 Resp: 122526

Ion Ratio Lower Upper

96 100

61 198.9 159.8 239.8

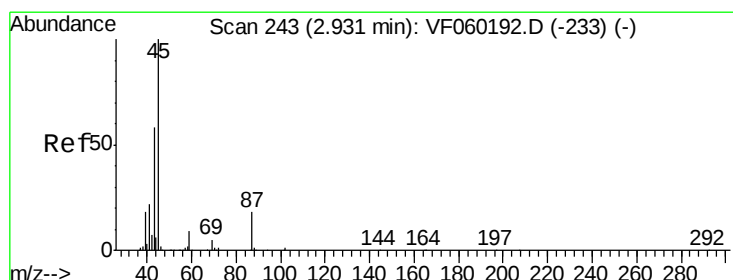
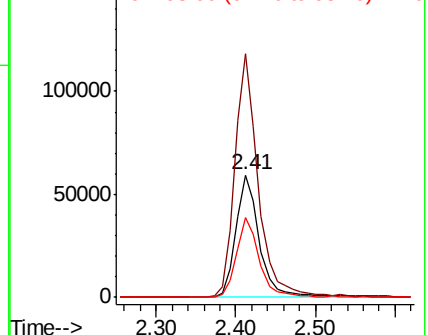
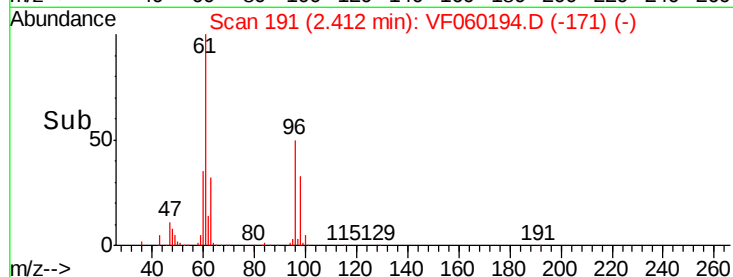
98 65.4 51.9 77.9



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: 177.416 ug/l

RT: 2.93 min Scan# 243

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Tgt Ion: 45 Resp: 438108

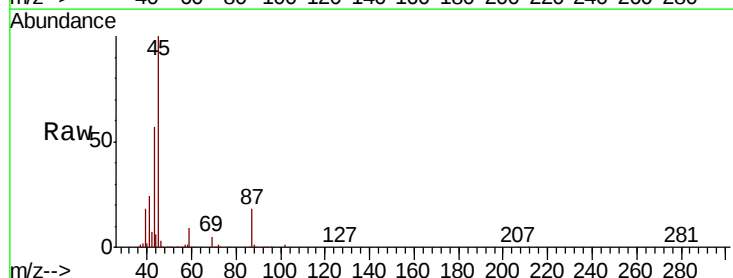
Ion Ratio Lower Upper

45 100

43 57.1 46.6 70.0

87 18.3 14.3 21.5

59 8.9 7.6 11.4

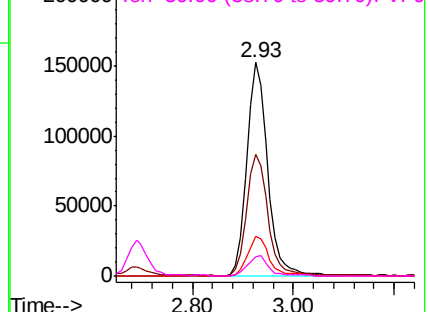
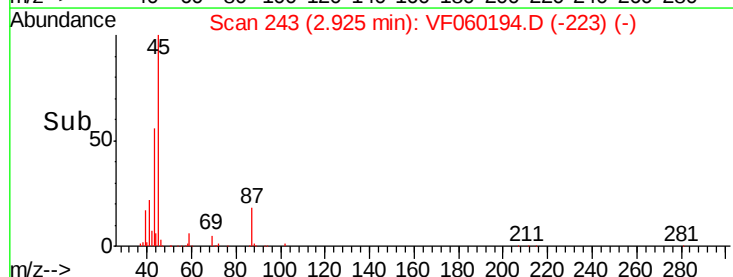


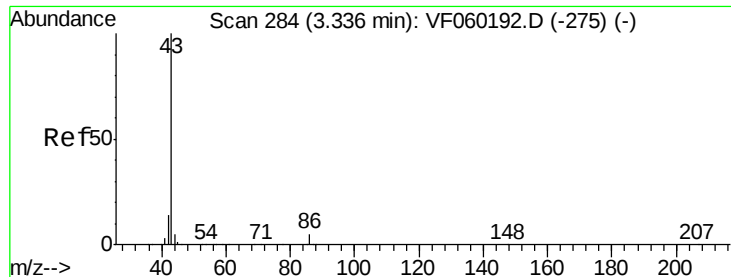
Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 1585.785 ug/l

RT: 3.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

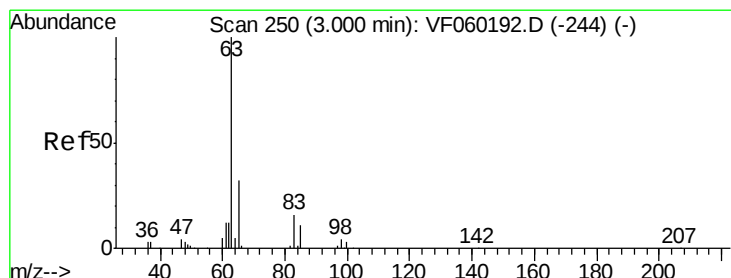
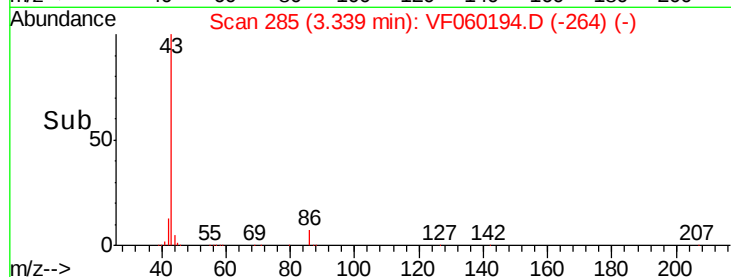
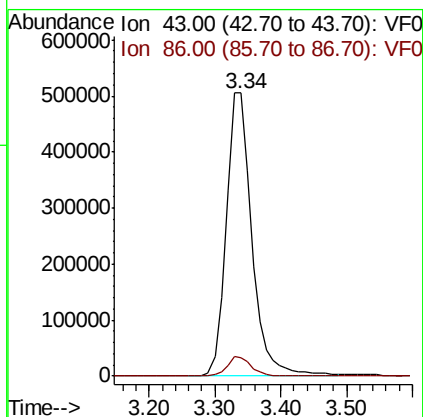
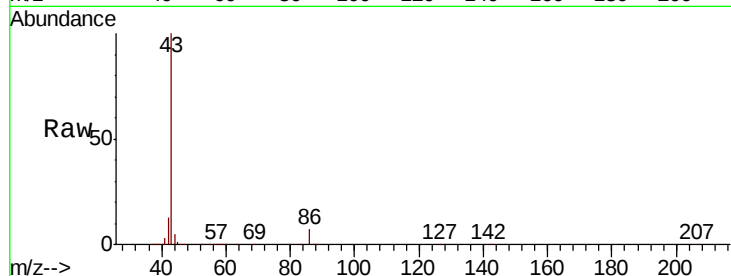
VSTDIC100

Tgt Ion: 43 Resp: 1382524

Ion Ratio Lower Upper

43 100

86 6.6 4.0 6.0#



#24

1,1-Dichloroethane

Concen: 117.343 ug/l

RT: 3.00 min Scan# 251

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

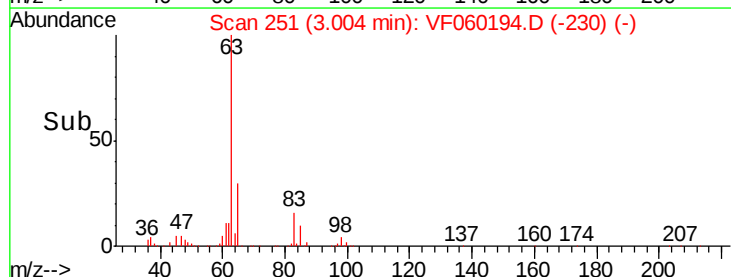
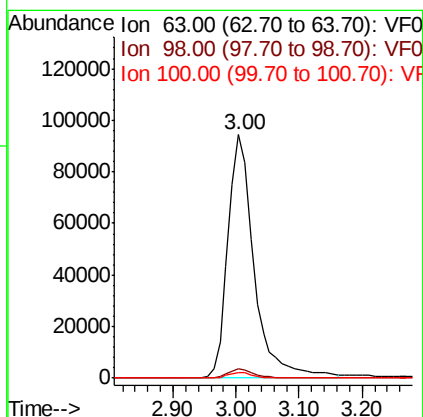
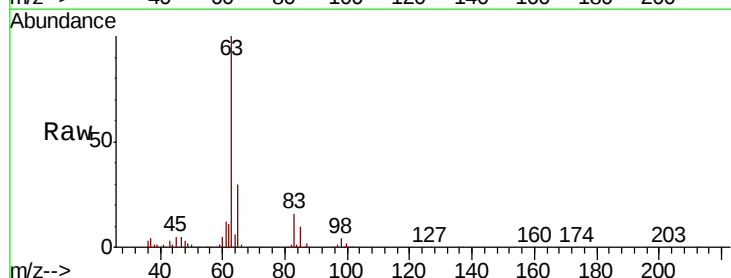
Tgt Ion: 63 Resp: 272211

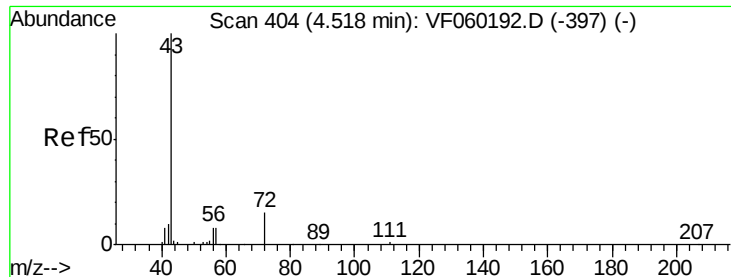
Ion Ratio Lower Upper

63 100

98 3.9 1.9 5.7

100 2.4 1.5 4.4





#25

2-Butanone

Concen: 1646.810 ug/l

RT: 4.51 min Scan# 404

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

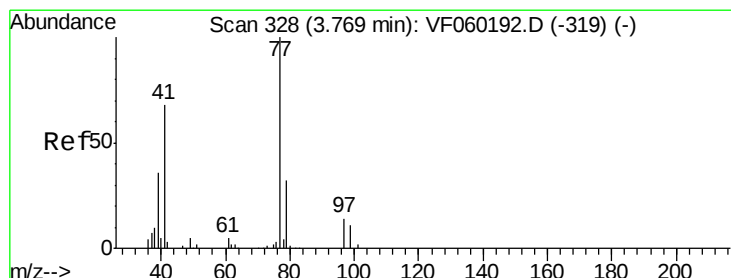
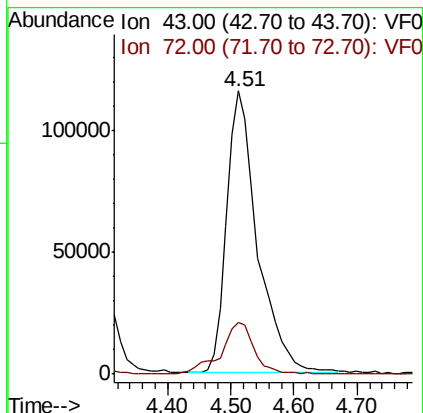
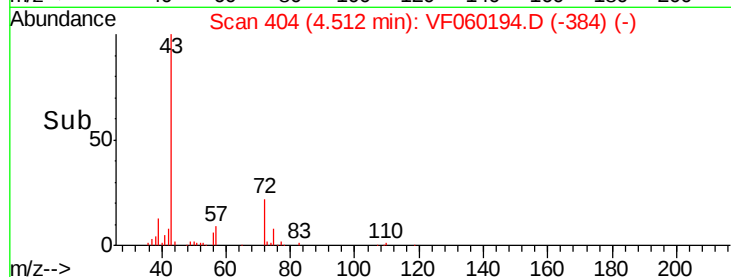
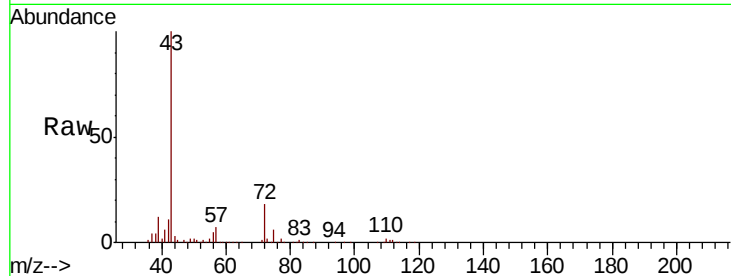
VSTDIC100

Tgt Ion: 43 Resp: 390488

Ion Ratio Lower Upper

43 100

72 18.5 14.4 21.6



#26

2,2-Dichloropropane

Concen: 187.010 ug/l

RT: 3.76 min Scan# 328

Delta R.T. -0.01 min

Lab File: VF060194.D

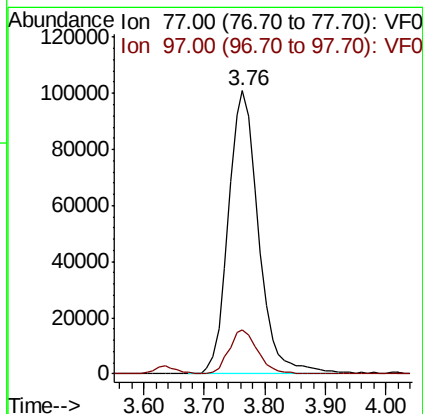
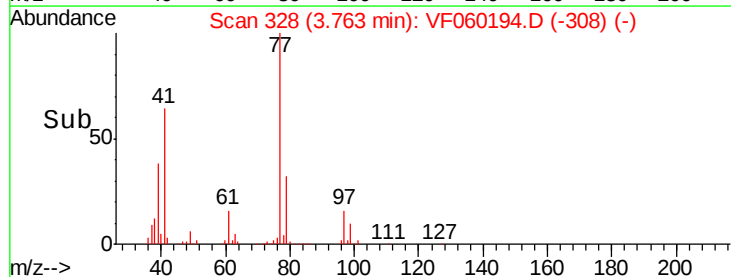
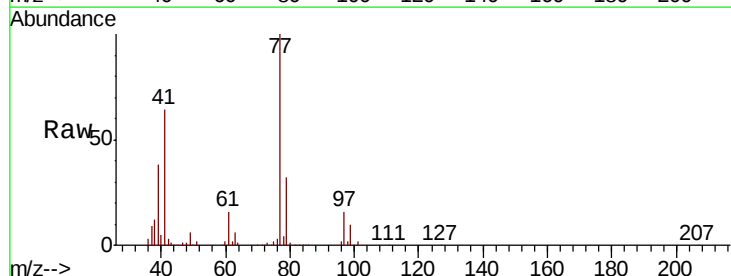
Acq: 29 Aug 2018 17:25

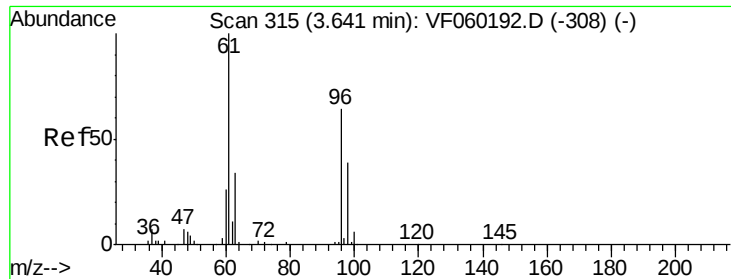
Tgt Ion: 77 Resp: 349297

Ion Ratio Lower Upper

77 100

97 15.5 7.1 21.4



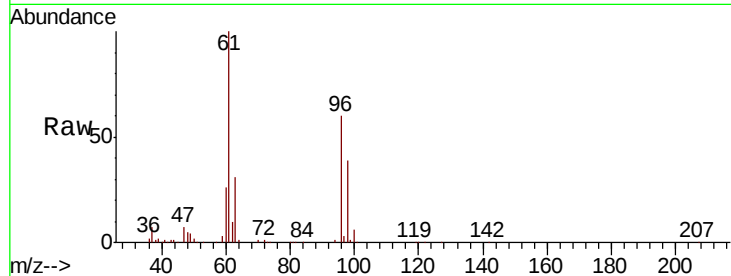


#27

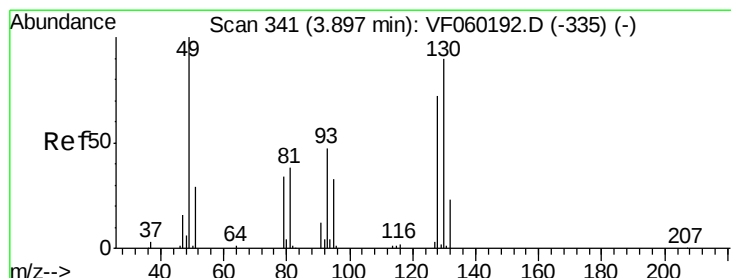
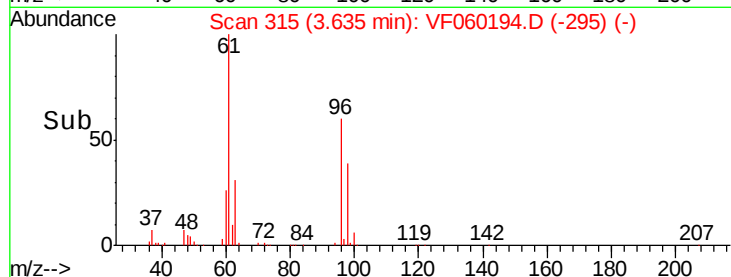
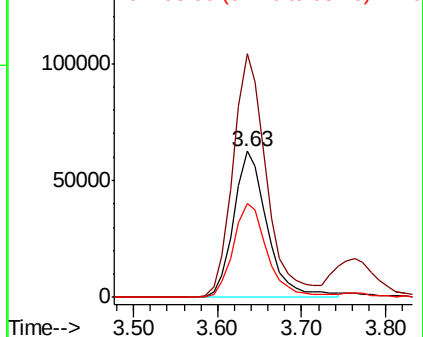
cis-1,2-Dichloroethene
Concen: 166.656 ug/l
RT: 3.63 min Scan# 315
Delta R.T. -0.01 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.6	0.0	311.8
98	64.3	0.0	121.4



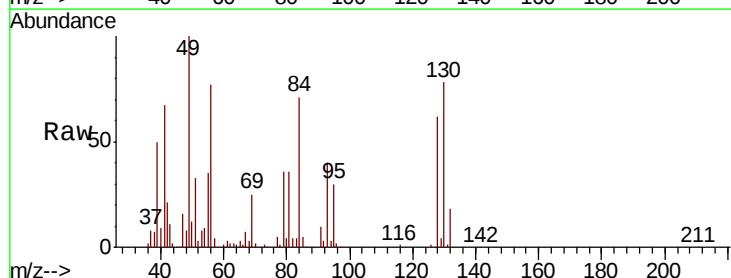
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



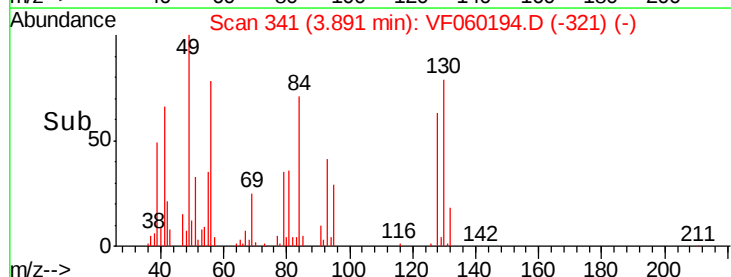
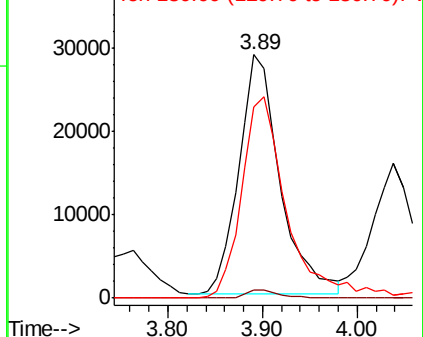
#28

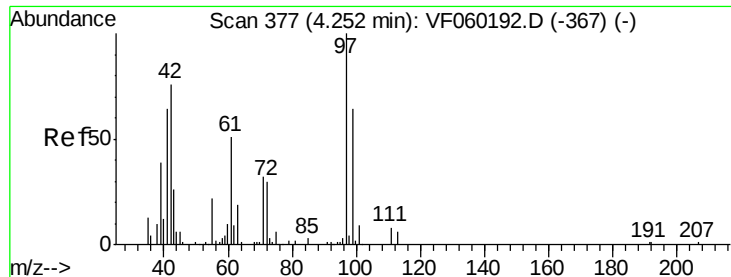
Bromochloromethane
Concen: 151.004 ug/l
RT: 3.89 min Scan# 341
Delta R.T. -0.01 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.5	0.0	3.8
130	78.3	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: 1523.083 ug/l

RT: 4.26 min Scan# 378

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC100

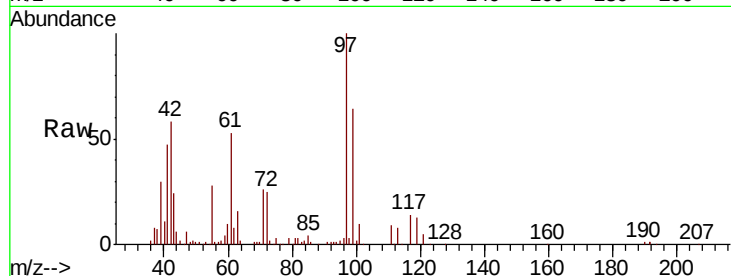
Tgt Ion: 42 Resp: 146896

Ion Ratio Lower Upper

42 100

72 35.9 28.2 42.2

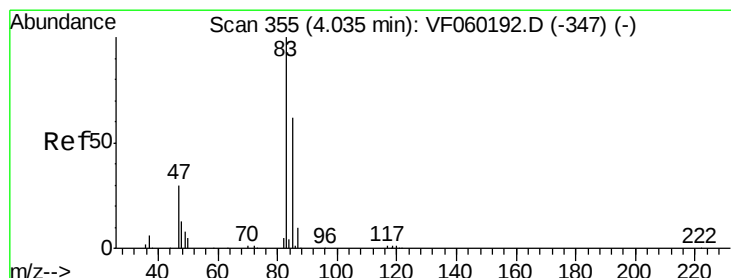
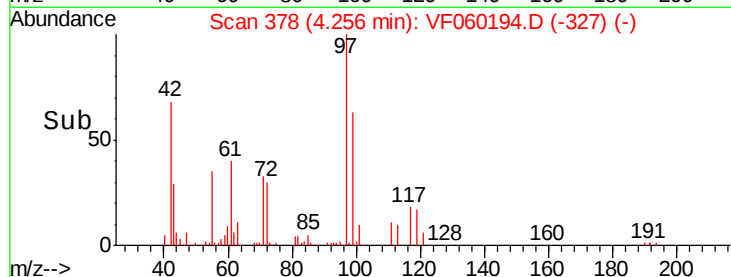
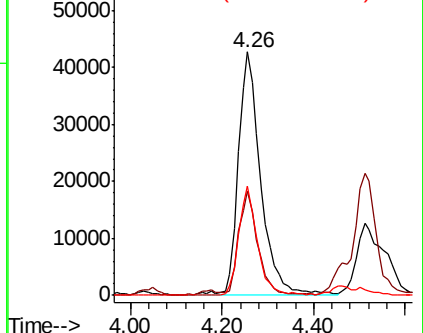
71 37.1 28.6 42.8



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: 152.111 ug/l

RT: 4.04 min Scan# 356

Delta R.T. 0.00 min

Lab File: VF060194.D

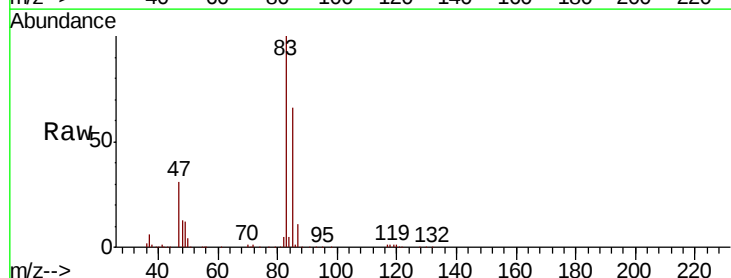
Acq: 29 Aug 2018 17:25

Tgt Ion: 83 Resp: 430060

Ion Ratio Lower Upper

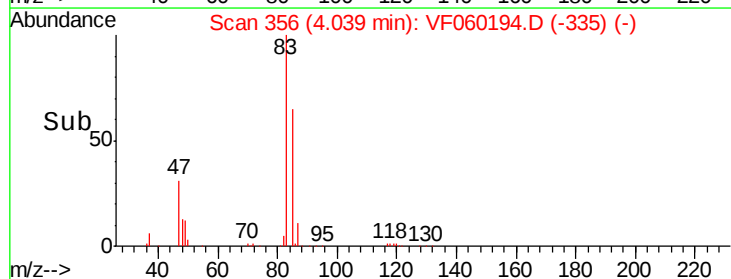
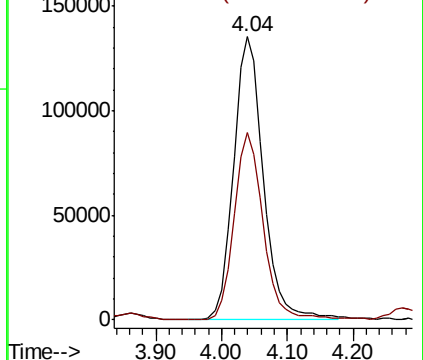
83 100

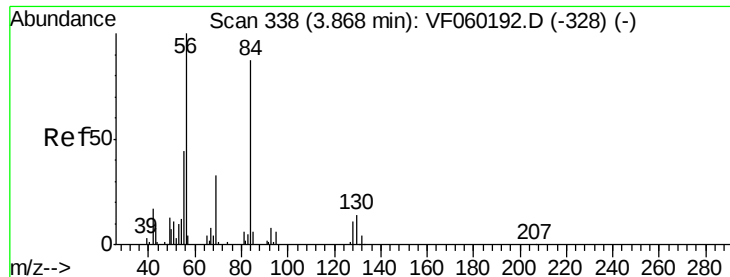
85 66.0 49.5 74.3



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

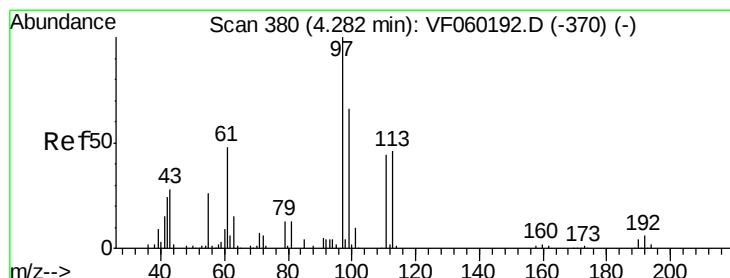
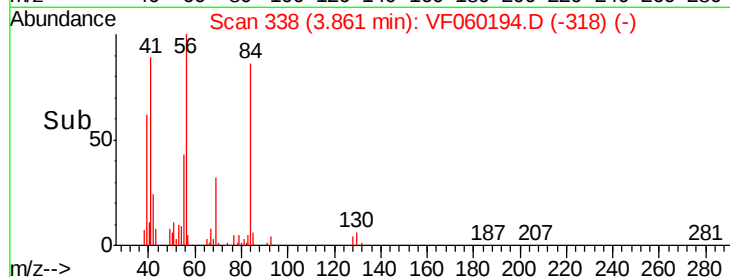
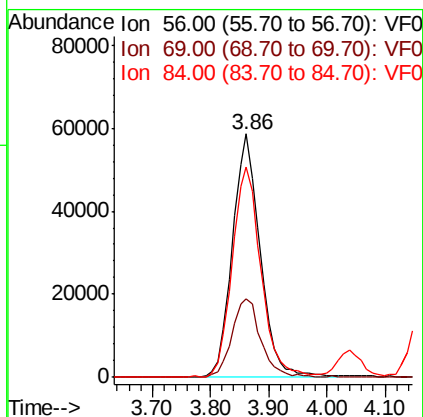
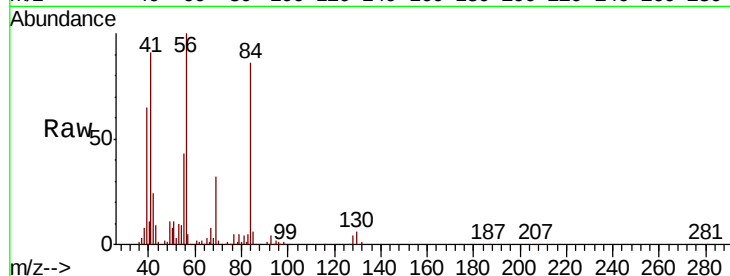




#31
Cyclohexane
Concen: 93.345 ug/l
RT: 3.86 min Scan# 338
Delta R.T. -0.01 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

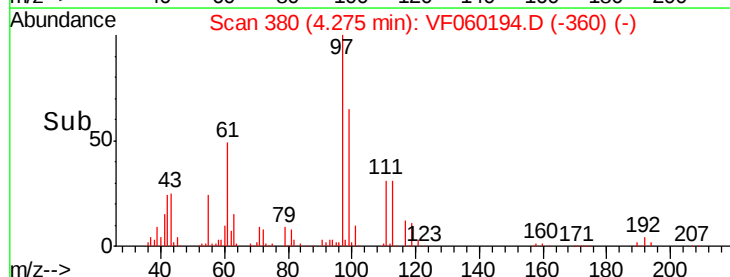
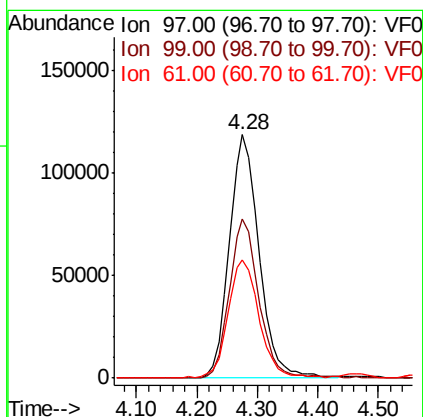
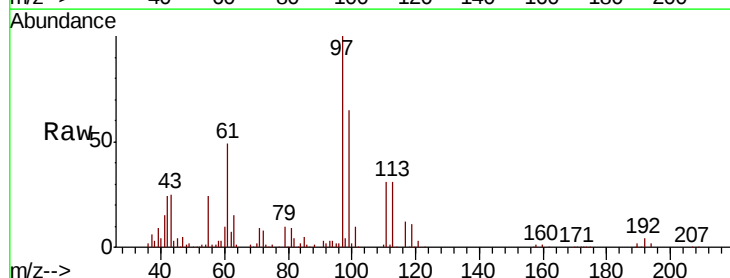
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

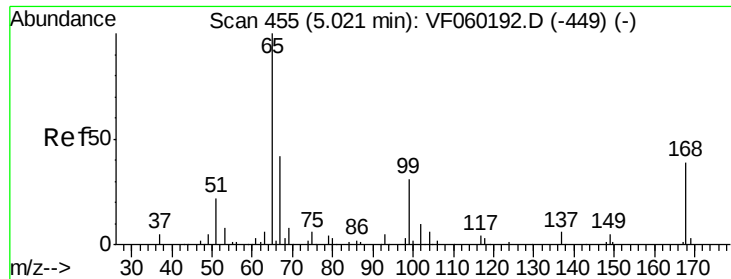
Tgt Ion: 56 Resp: 194454
Ion Ratio Lower Upper
56 100
69 32.3 26.4 39.6
84 86.2 69.9 104.9



#32
1,1,1-Trichloroethane
Concen: 111.661 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.01 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Tgt Ion: 97 Resp: 406561
Ion Ratio Lower Upper
97 100
99 65.3 53.0 79.6
61 48.8 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 213.712 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

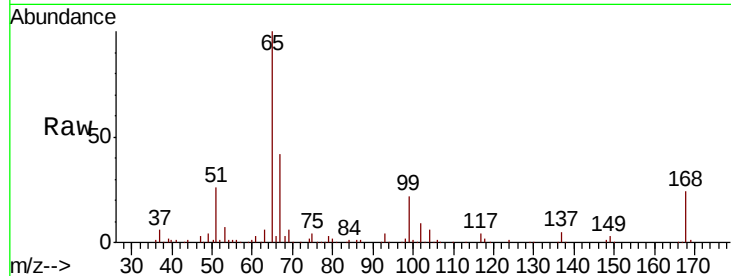
VSTDIC100

Tgt Ion: 65 Resp: 288218

Ion Ratio Lower Upper

65 100

67 42.4 0.0 87.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

120000

100000

80000

60000

40000

20000

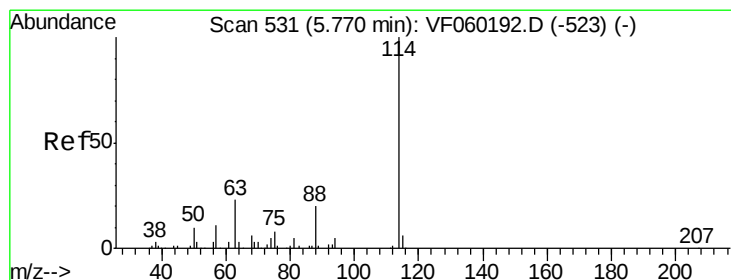
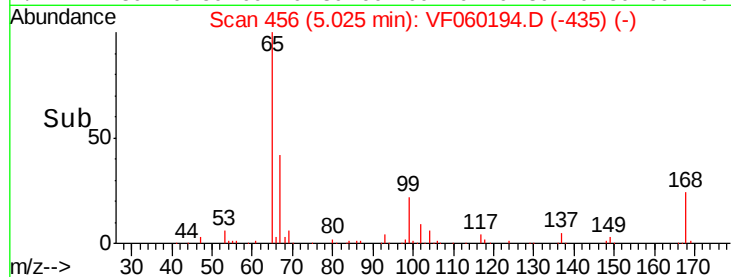
0

4.90

5.00

5.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

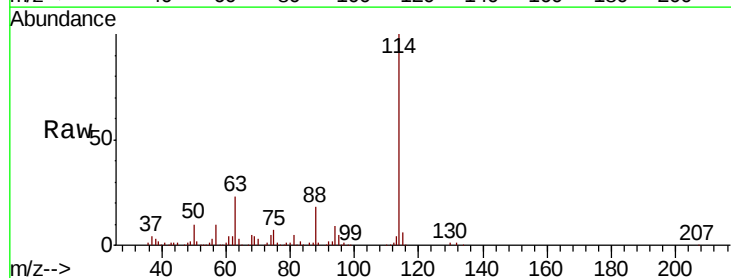
Tgt Ion: 114 Resp: 249173

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.4

88 18.2 0.0 40.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

120000

100000

80000

60000

40000

20000

0

5.60

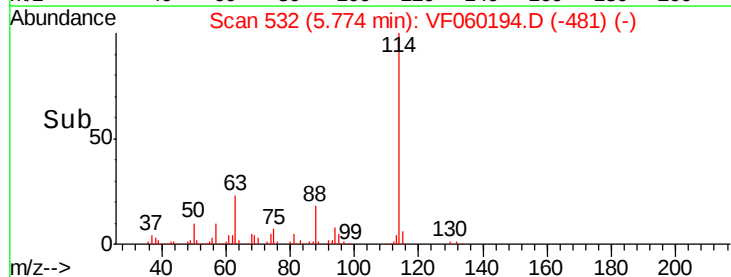
5.70

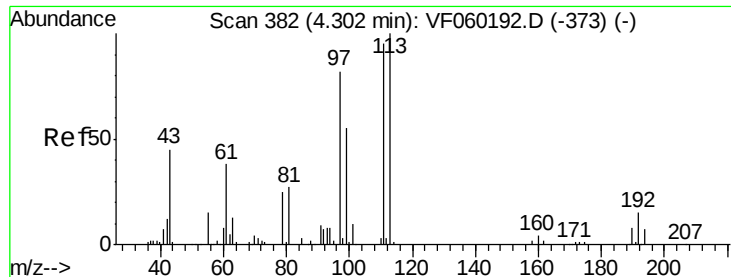
5.80

5.90

6.00

Time-->

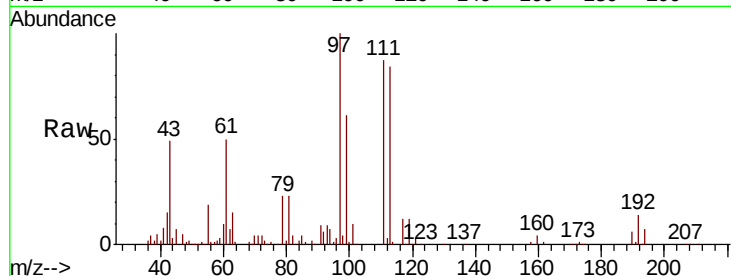




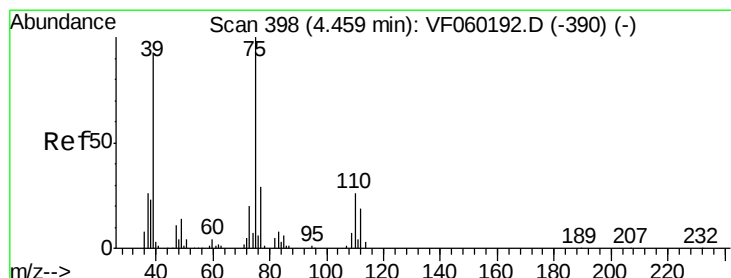
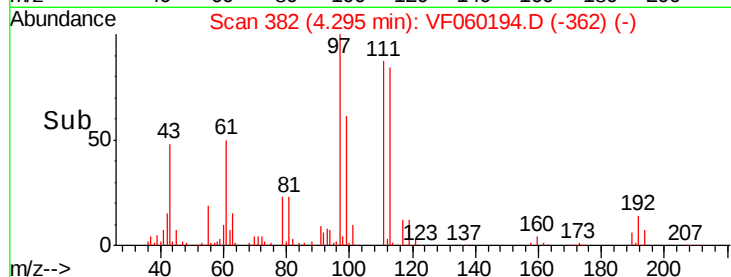
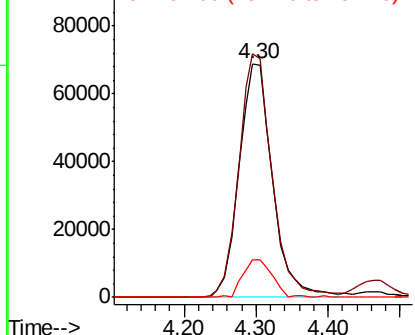
#35
 Dibromofluoromethane
 Concen: 128.941 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VF060194.D
 Acq: 29 Aug 2018 17:25

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC100

Tgt Ion: 113 Resp: 223787
 Ion Ratio Lower Upper
 113 100
 111 104.2 75.8 113.8
 192 16.3 12.2 18.4

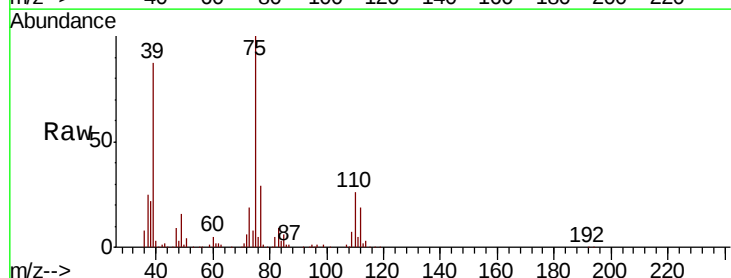


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

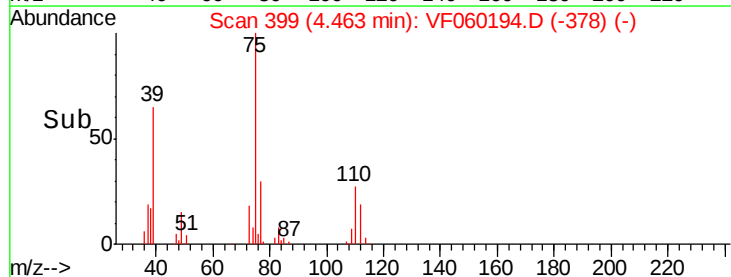
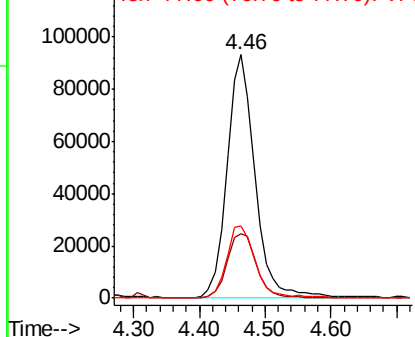


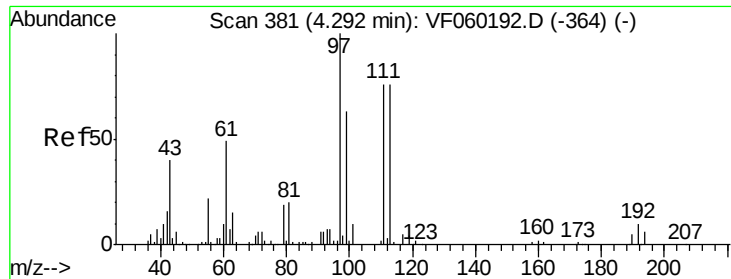
#36
 1,1-Dichloropropene
 Concen: 81.942 ug/l
 RT: 4.46 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: VF060194.D
 Acq: 29 Aug 2018 17:25

Tgt Ion: 75 Resp: 273410
 Ion Ratio Lower Upper
 75 100
 110 26.3 13.0 38.9
 77 29.4 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

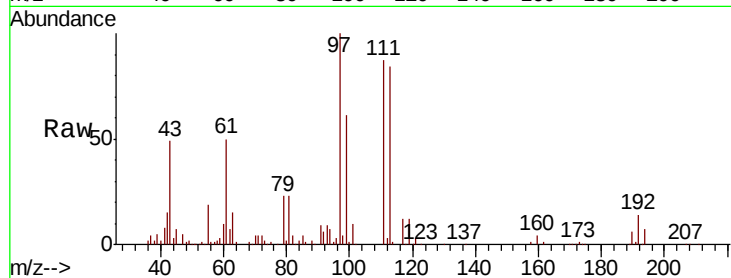




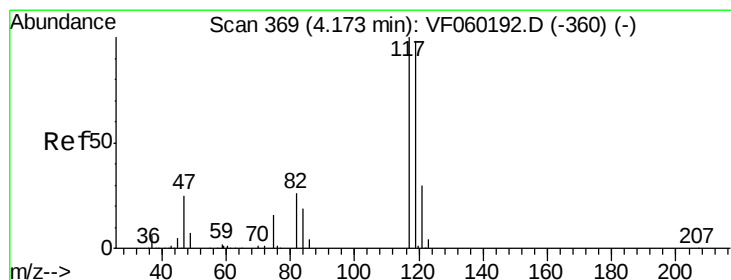
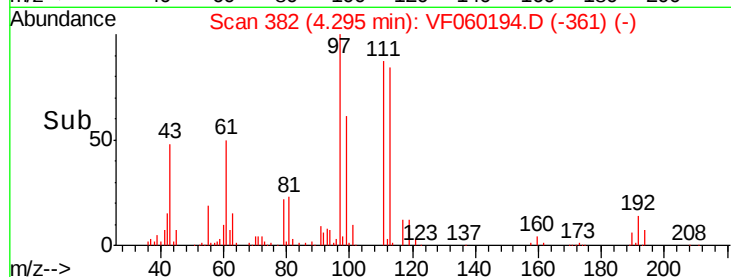
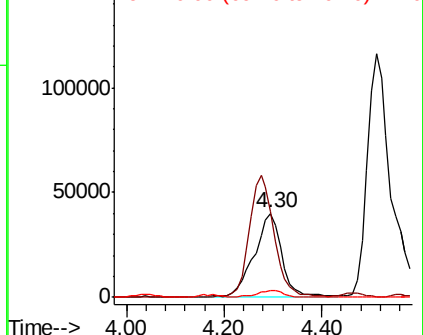
#37
Ethyl Acetate
Concen: 246.333 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 157104
Ion Ratio Lower Upper
43 100
61 102.8 97.2 145.8
70 8.4 9.0 13.6#

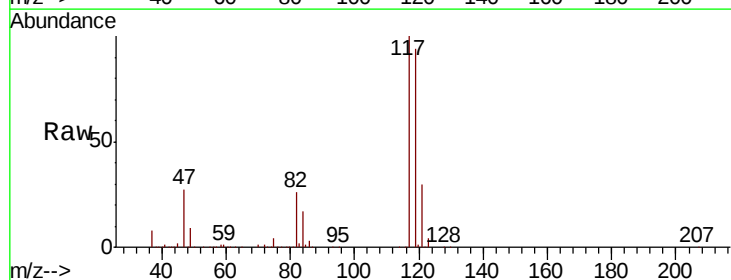


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

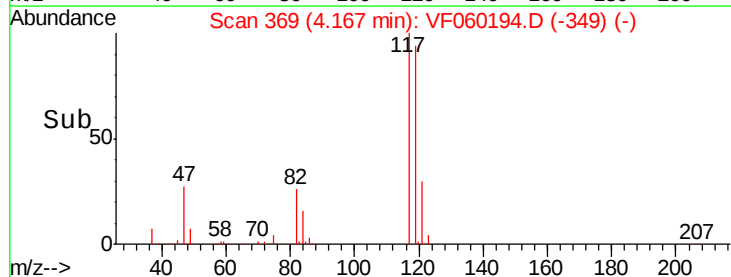
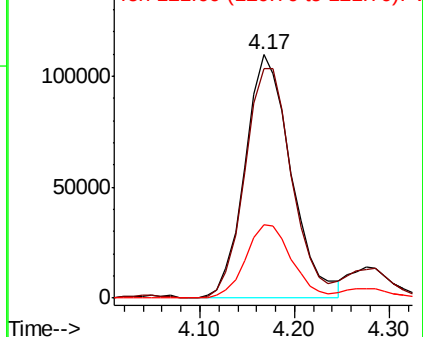


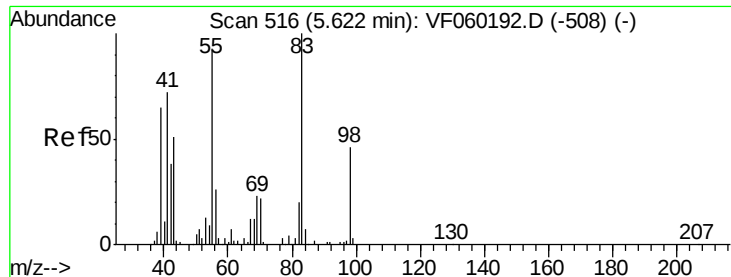
#38
Carbon Tetrachloride
Concen: 81.903 ug/l
RT: 4.17 min Scan# 369
Delta R.T. -0.01 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Tgt Ion: 117 Resp: 370545
Ion Ratio Lower Upper
117 100
119 94.1 79.0 118.6
121 29.9 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

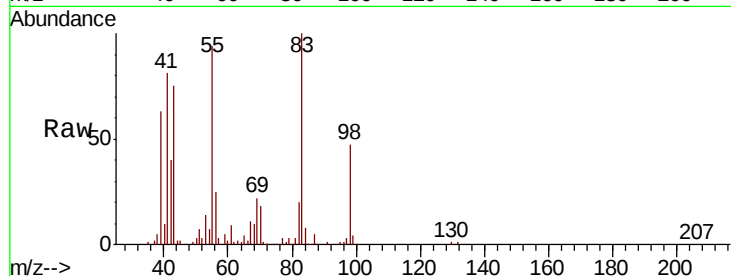




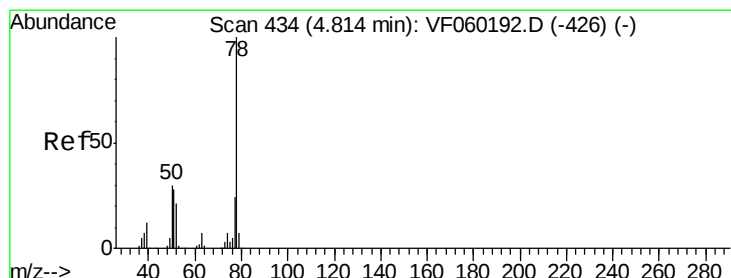
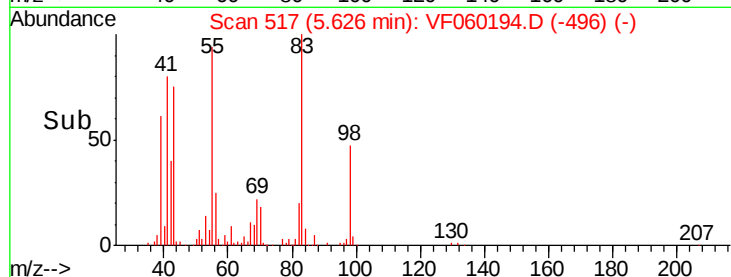
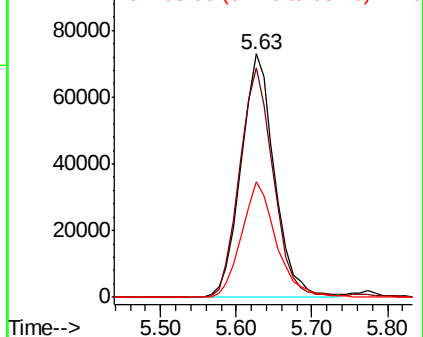
#39
Methylcyclohexane
Concen: 71.964 ug/l
RT: 5.63 min Scan# 517
Delta R.T. 0.00 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 224301
Ion Ratio Lower Upper
83 100
55 94.2 74.5 111.7
98 47.3 36.7 55.1

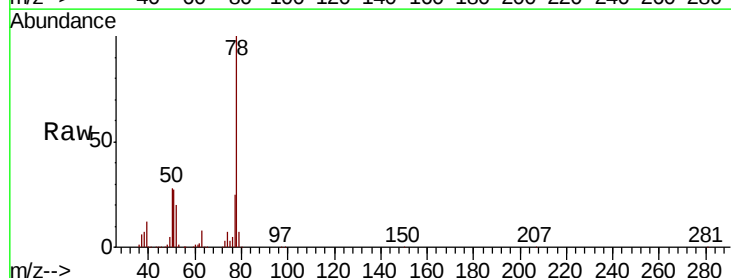


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

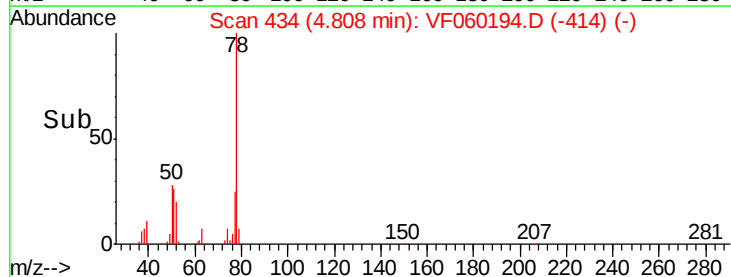
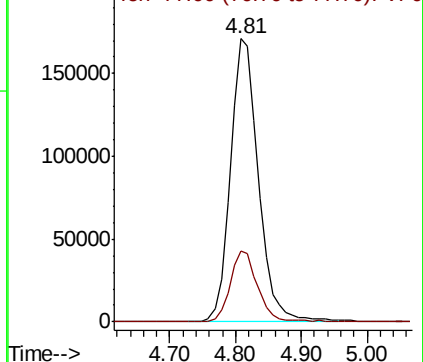


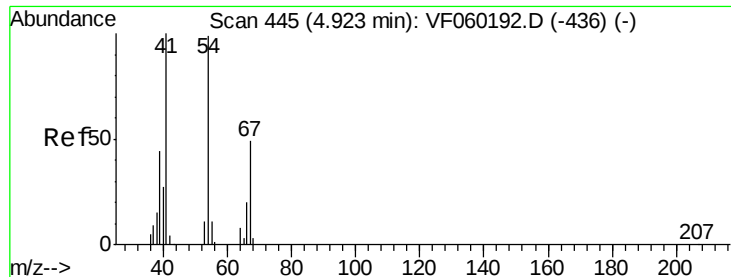
#40
Benzene
Concen: 105.718 ug/l
RT: 4.81 min Scan# 434
Delta R.T. -0.01 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Tgt Ion: 78 Resp: 508763
Ion Ratio Lower Upper
78 100
77 25.1 19.4 29.0



Abundance Ion 78.10 (77.80 to 78.80): VF0
Ion 77.00 (76.70 to 77.70): VF0





#41

Methacrylonitrile

Concen: 229.734 ug/l

RT: 4.93 min Scan# 446

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 75329

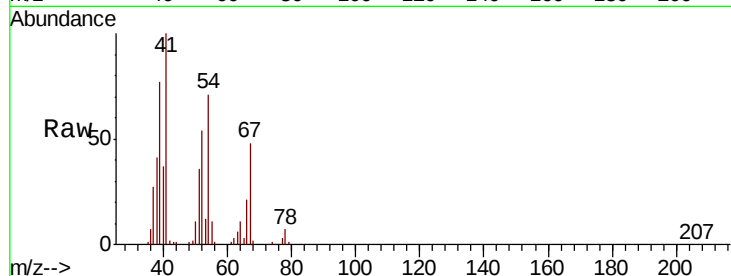
Ion Ratio Lower Upper

41 100

39 77.3 64.5 96.7

67 47.8 38.5 57.7

52 54.5 47.1 70.7

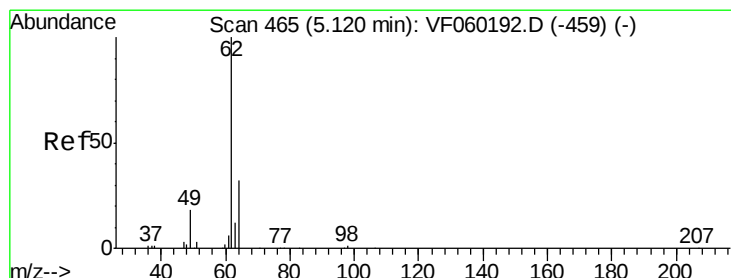
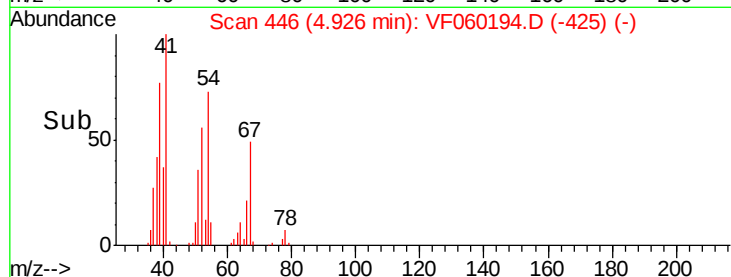
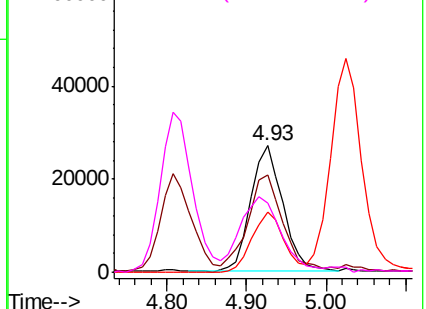


Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 181.200 ug/l

RT: 5.12 min Scan# 466

Delta R.T. 0.00 min

Lab File: VF060194.D

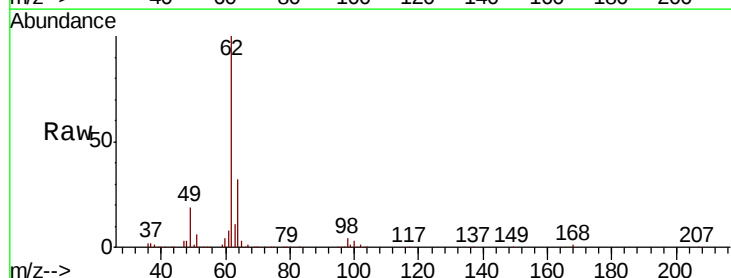
Acq: 29 Aug 2018 17:25

Tgt Ion: 62 Resp: 370114

Ion Ratio Lower Upper

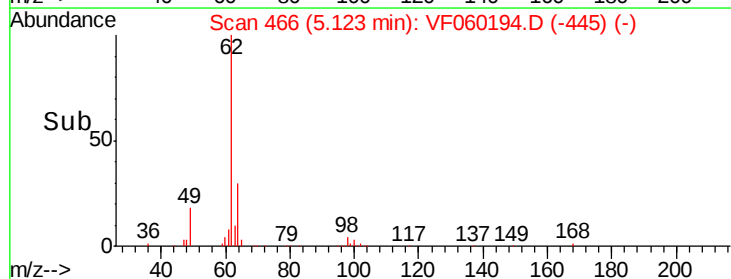
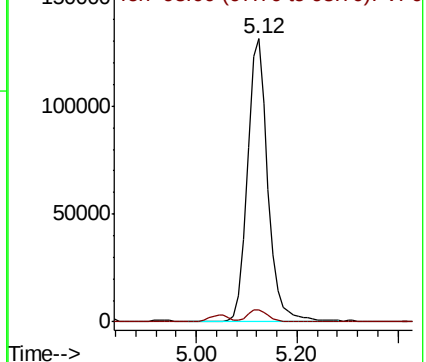
62 100

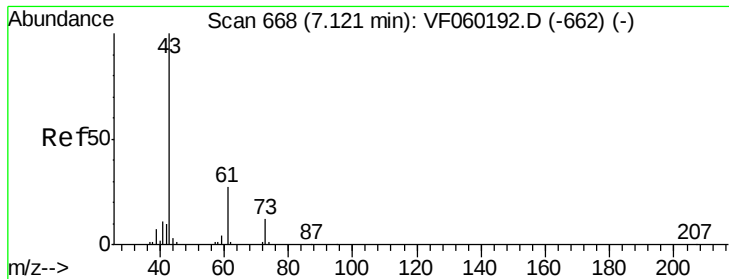
98 4.2 0.0 9.2



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 253.180 ug/l

RT: 7.11 min Scan# 668

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC100

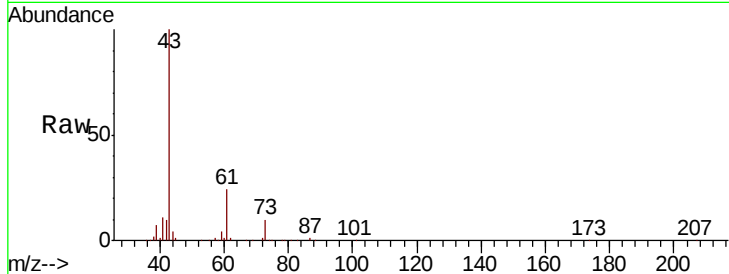
Tgt Ion: 43 Resp: 197369

Ion Ratio Lower Upper

43 100

61 24.3 21.4 32.0

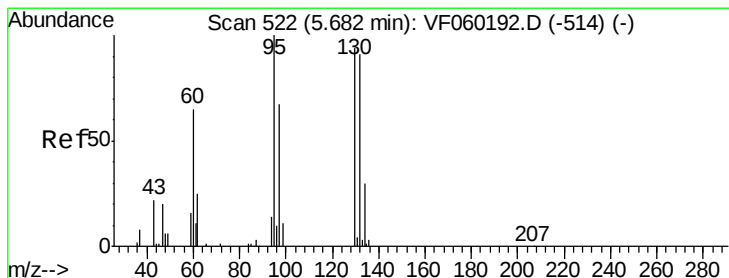
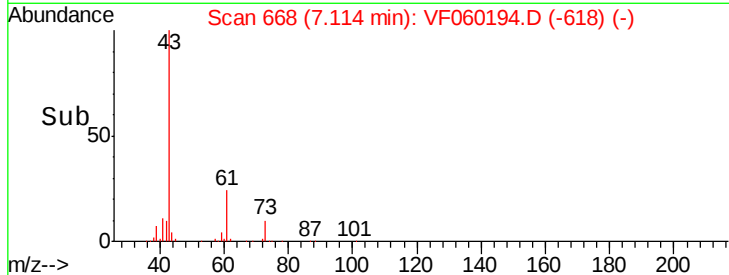
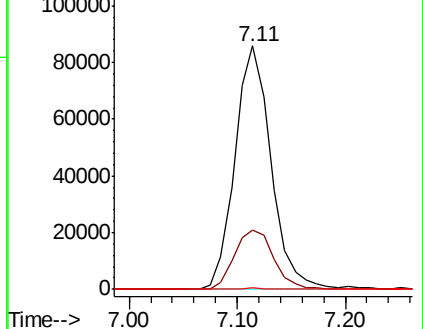
87 0.6 0.3 0.5#



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: 89.063 ug/l

RT: 5.68 min Scan# 522

Delta R.T. -0.01 min

Lab File: VF060194.D

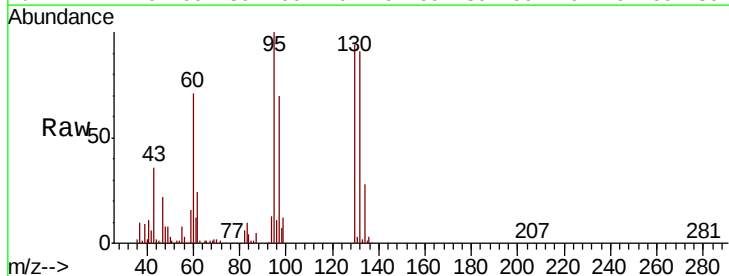
Acq: 29 Aug 2018 17:25

Tgt Ion: 130 Resp: 177015

Ion Ratio Lower Upper

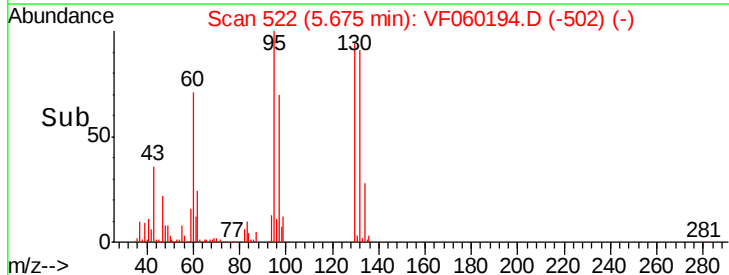
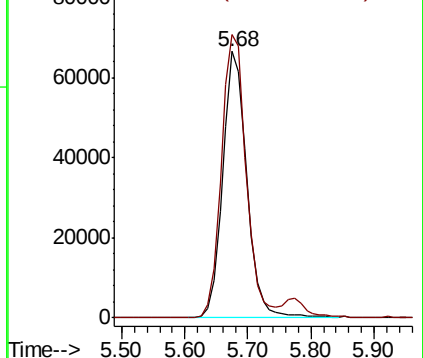
130 100

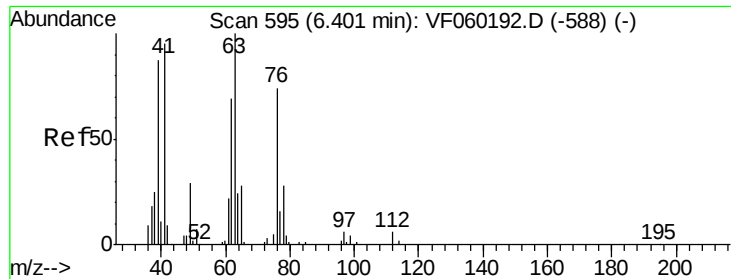
95 106.4 0.0 213.4



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 138.099 ug/l

RT: 6.40 min Scan# 596

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

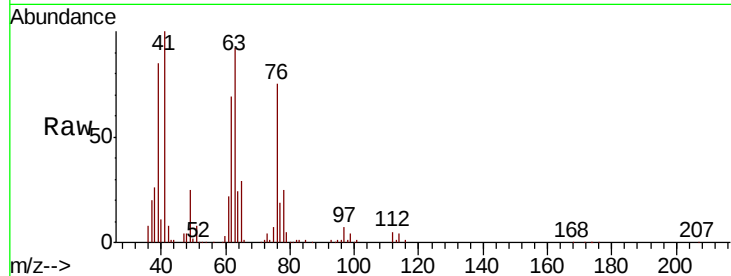
VSTDIC100

Tgt Ion: 63 Resp: 151276

Ion Ratio Lower Upper

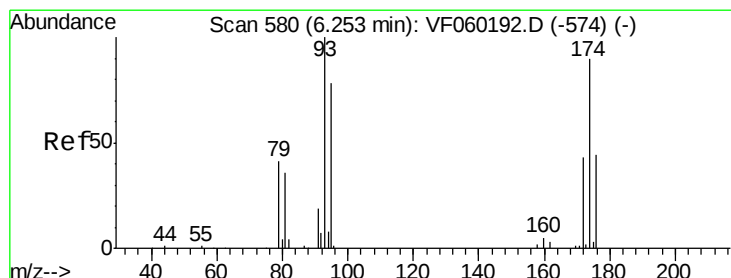
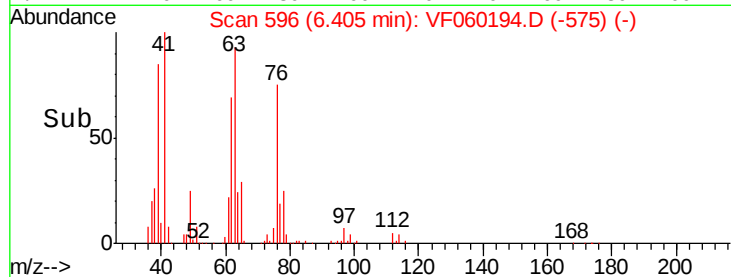
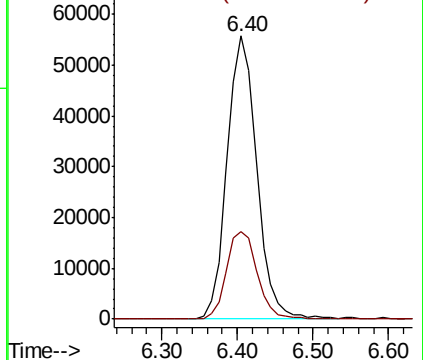
63 100

65 31.2 22.2 33.4



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 205.244 ug/l

RT: 6.26 min Scan# 581

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

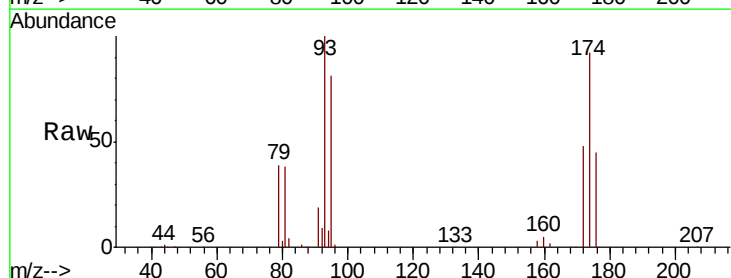
Tgt Ion: 93 Resp: 138912

Ion Ratio Lower Upper

93 100

95 80.9 63.4 95.2

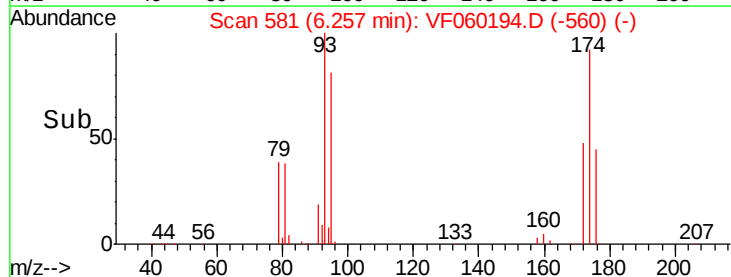
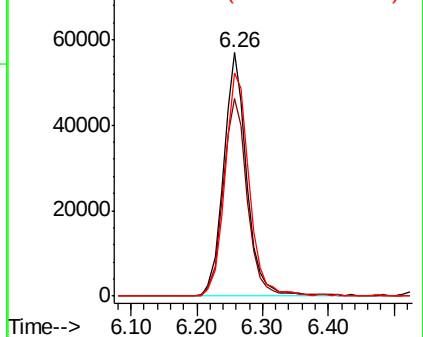
174 91.6 72.0 108.0

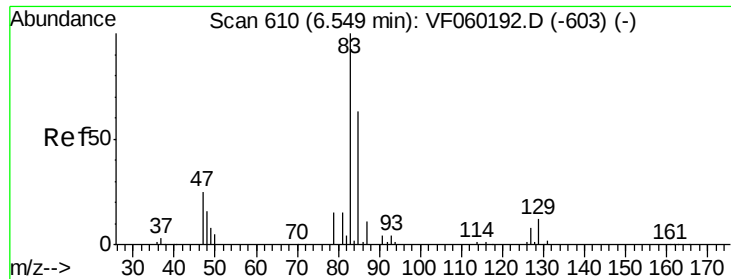


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 160.105 ug/l

RT: 6.55 min Scan# 611

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC100

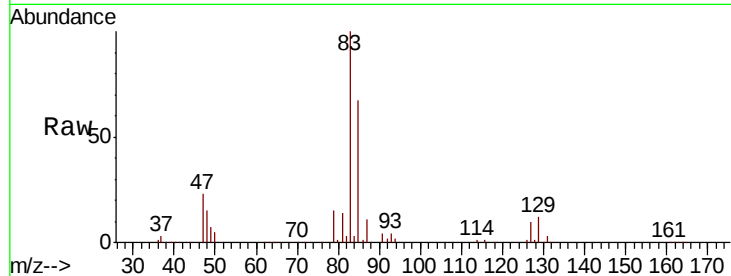
Tgt Ion: 83 Resp: 356120

Ion Ratio Lower Upper

83 100

85 67.3 50.1 75.1

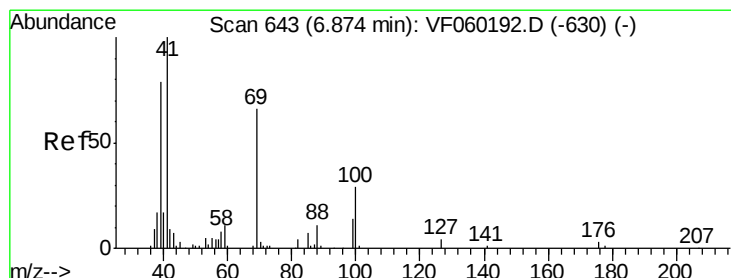
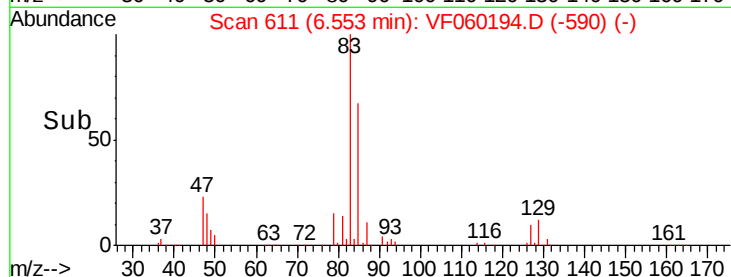
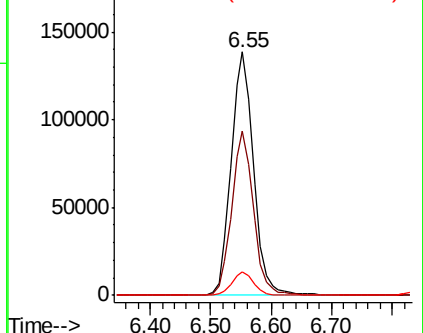
127 9.7 6.6 10.0



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: 231.672 ug/l

RT: 6.88 min Scan# 644

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

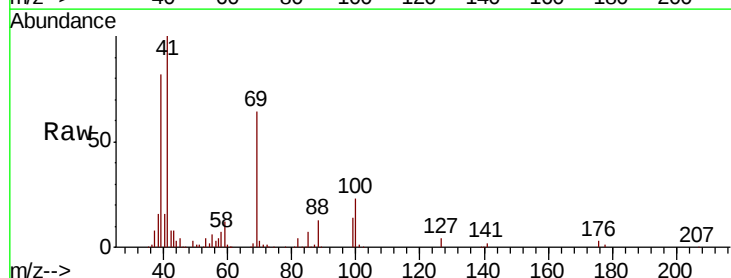
Tgt Ion: 41 Resp: 143446

Ion Ratio Lower Upper

41 100

69 63.6 52.4 78.6

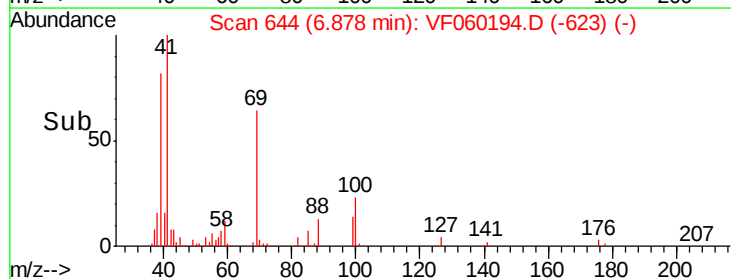
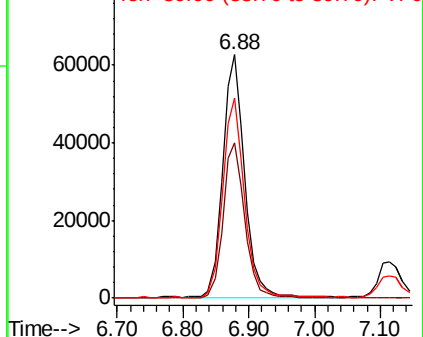
39 82.4 63.6 95.4

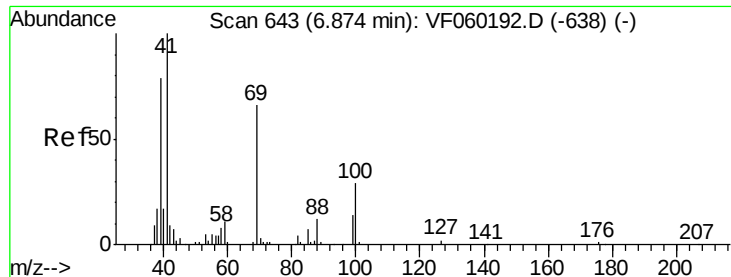


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

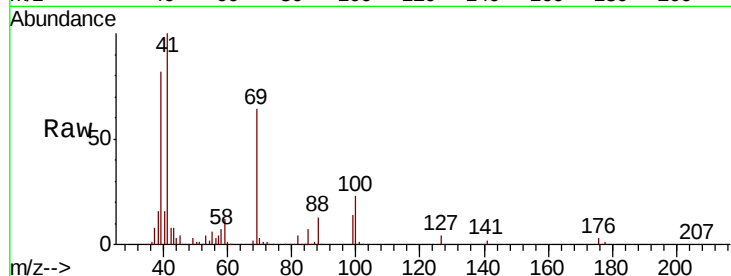




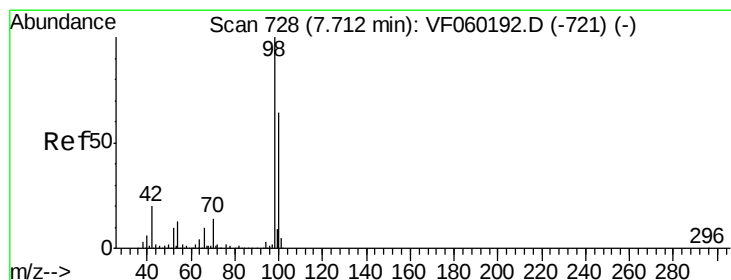
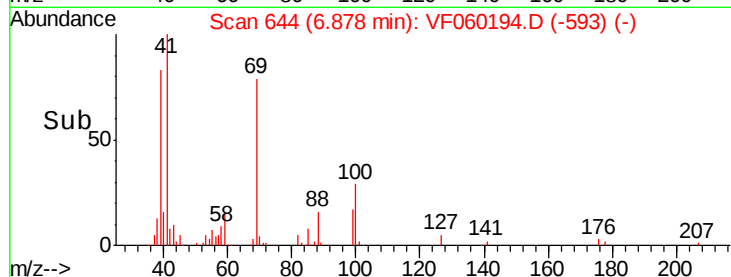
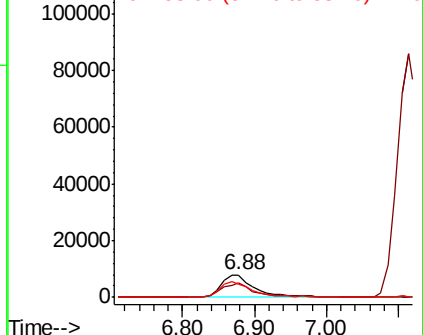
#49
1,4-Dioxane
Concen: 5869.307 ug/l
RT: 6.88 min Scan# 644
Delta R.T. 0.00 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 25212
Ion Ratio Lower Upper
88 100
43 63.1 56.5 84.7
58 59.6 53.5 80.3

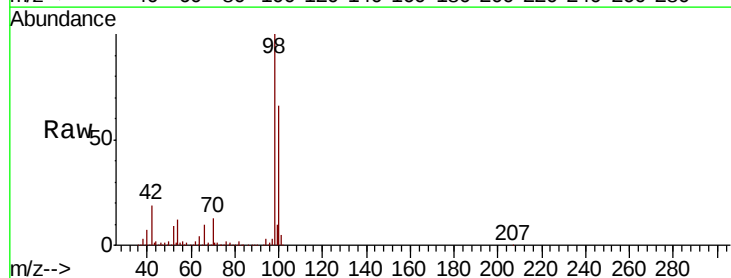


Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

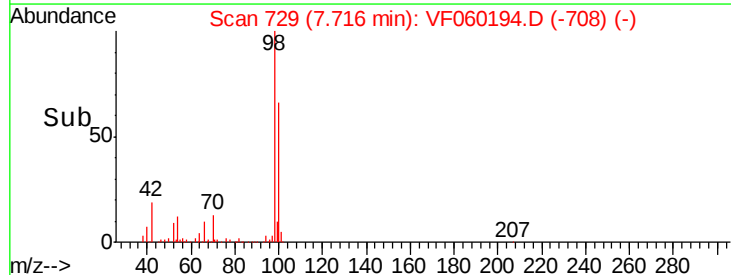
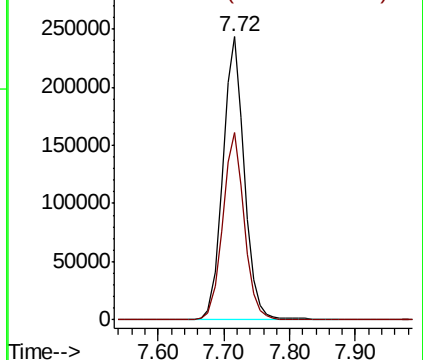


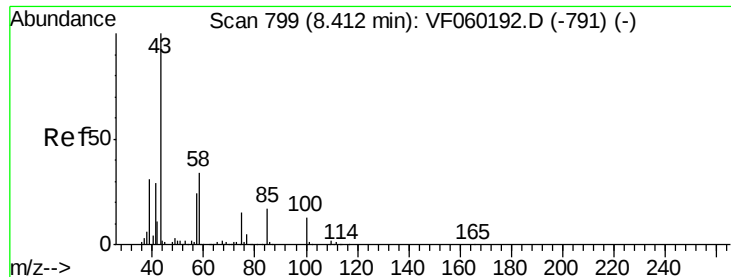
#50
Toluene-d8
Concen: 99.891 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Tgt Ion: 98 Resp: 555349
Ion Ratio Lower Upper
98 100
100 66.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 1148.133 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

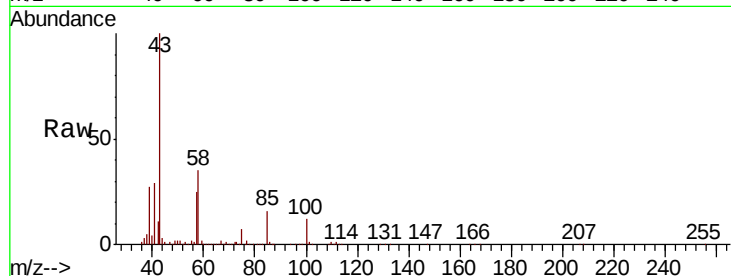
VSTDIC100

Tgt Ion: 43 Resp: 807945

Ion Ratio Lower Upper

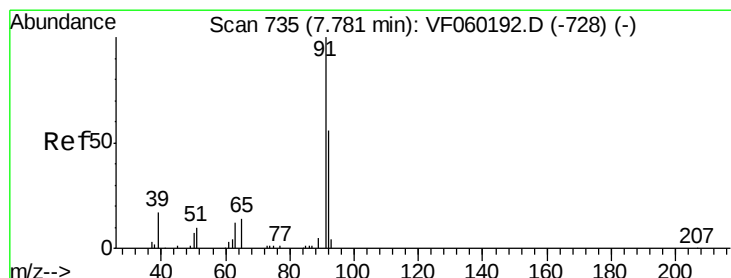
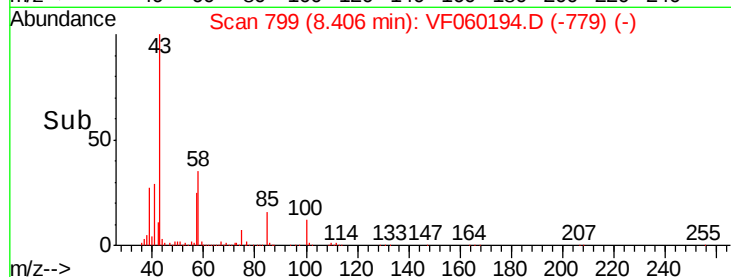
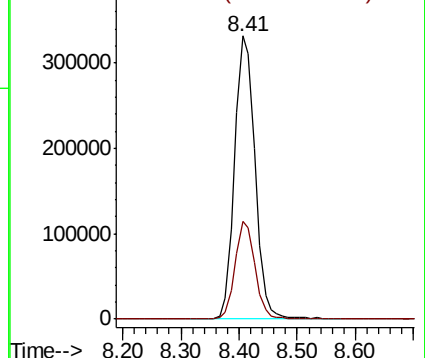
43 100

58 34.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 96.859 ug/l

RT: 7.78 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF060194.D

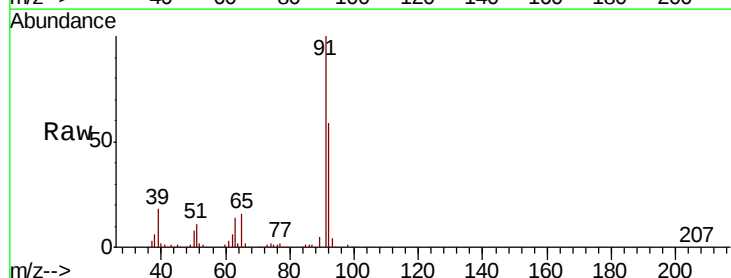
Acq: 29 Aug 2018 17:25

Tgt Ion: 92 Resp: 352872

Ion Ratio Lower Upper

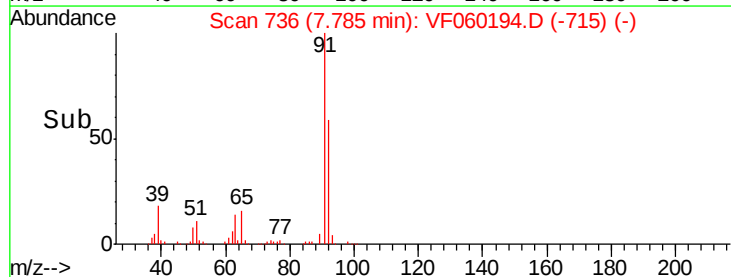
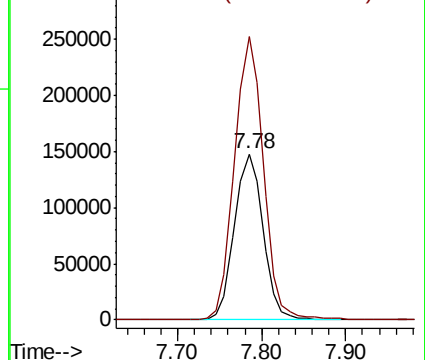
92 100

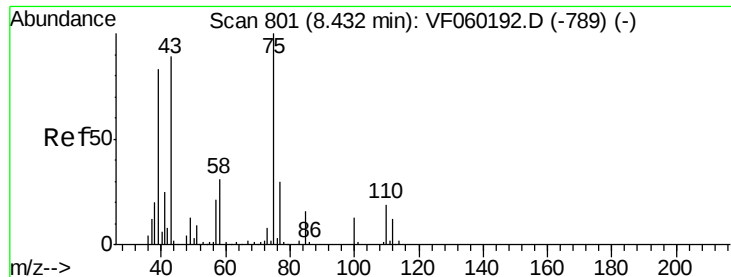
91 170.3 143.2 214.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 210.025 ug/l

RT: 8.44 min Scan# 802

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

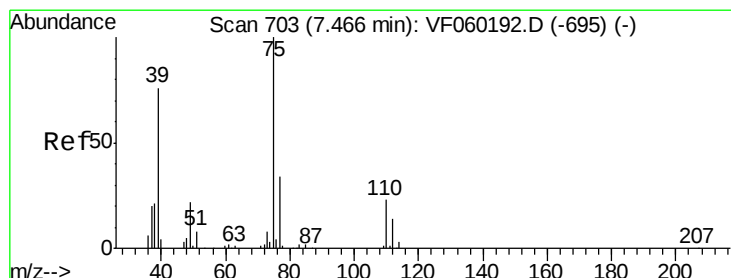
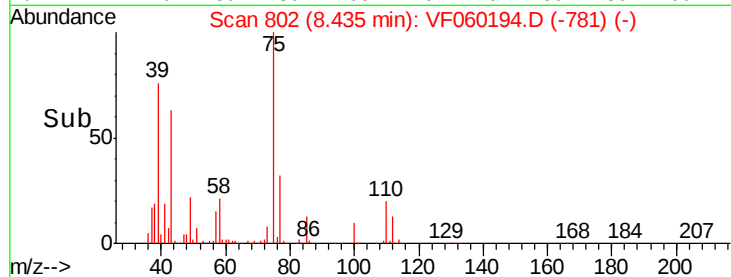
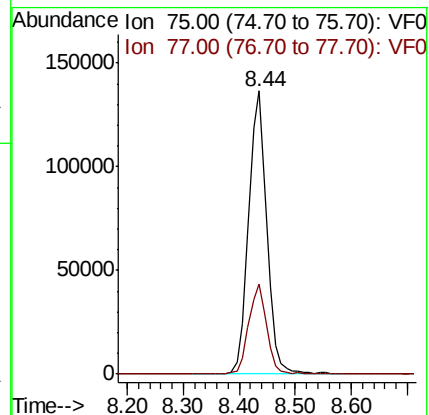
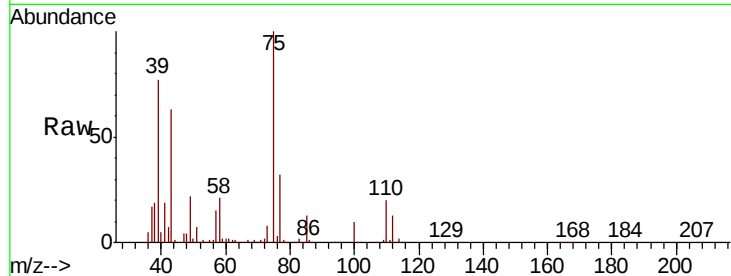
VSTDIC100

Tgt Ion: 75 Resp: 307549

Ion Ratio Lower Upper

75 100

77 31.7 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 180.558 ug/l

RT: 7.46 min Scan# 703

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

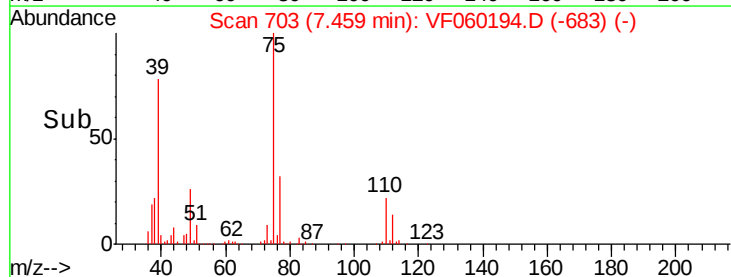
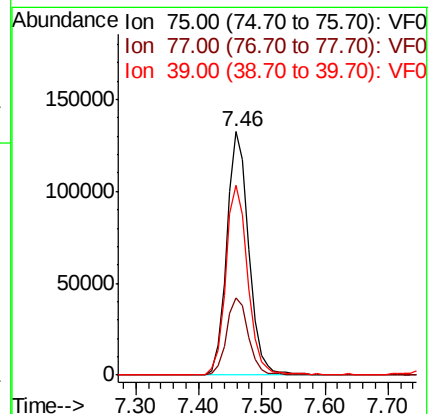
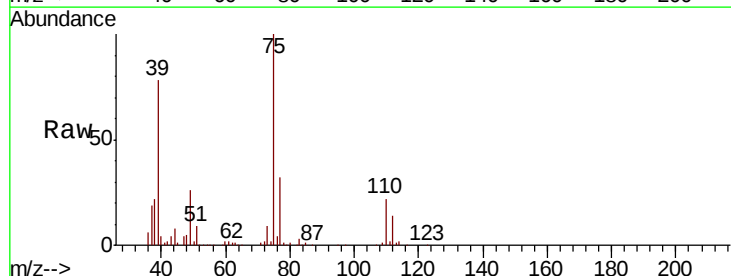
Tgt Ion: 75 Resp: 320483

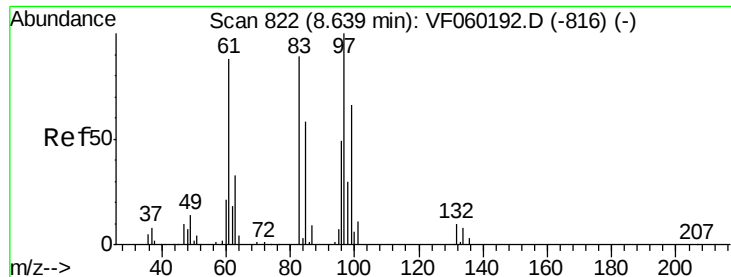
Ion Ratio Lower Upper

75 100

77 31.8 27.0 40.4

39 78.2 61.4 92.0





#55

1,1,2-Trichloroethane

Concen: 198.311 ug/l

RT: 8.64 min Scan# 823

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 156889

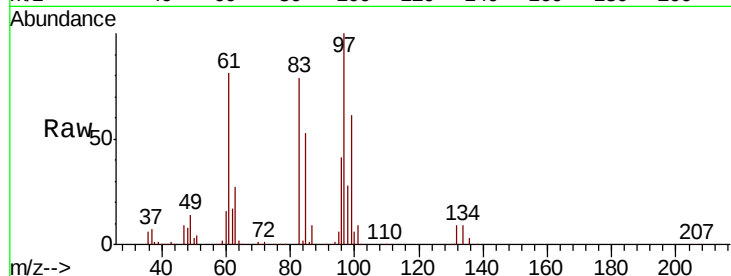
Ion Ratio Lower Upper

97 100

83 79.3 71.0 106.4

85 53.2 46.6 70.0

99 61.3 52.7 79.1

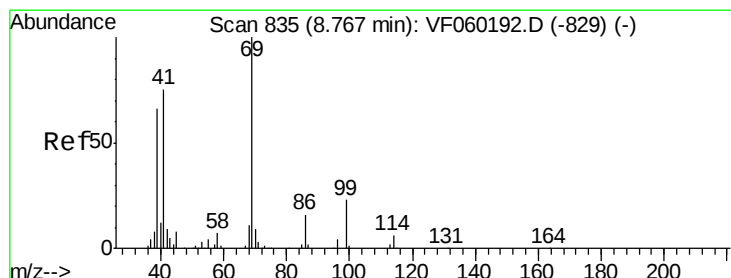
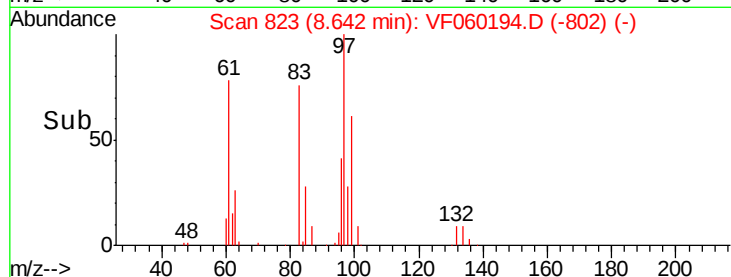
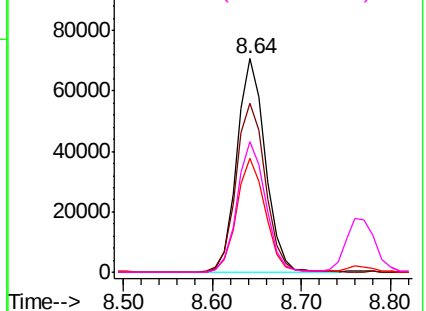


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 246.090 ug/l

RT: 8.76 min Scan# 835

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

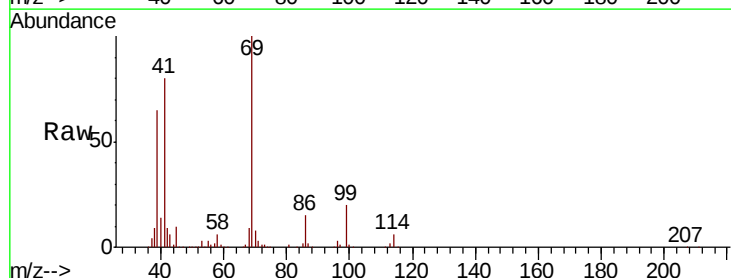
Tgt Ion: 69 Resp: 191707

Ion Ratio Lower Upper

69 100

41 79.7 60.6 90.8

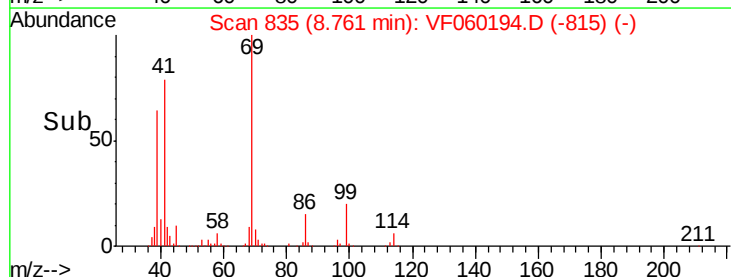
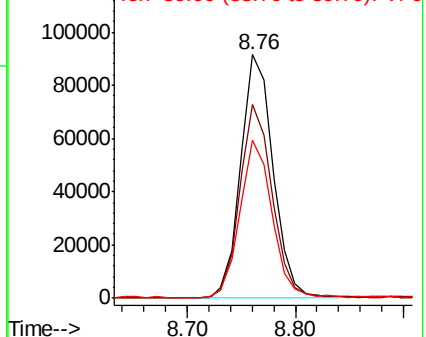
39 64.9 53.4 80.2

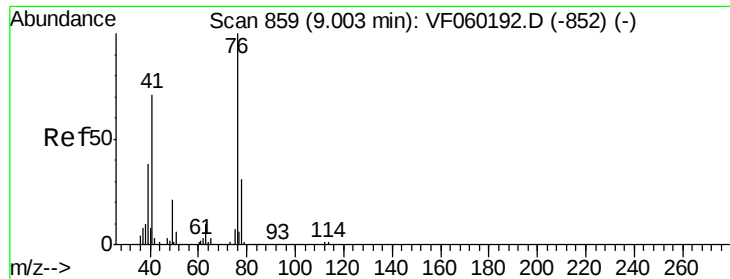


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 199.033 ug/l

RT: 9.01 min Scan# 860

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

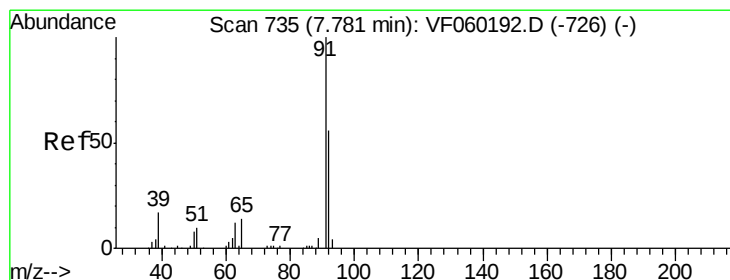
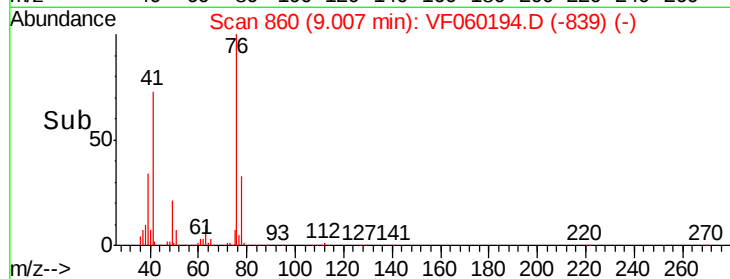
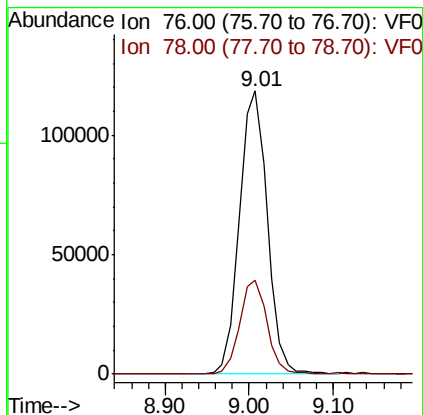
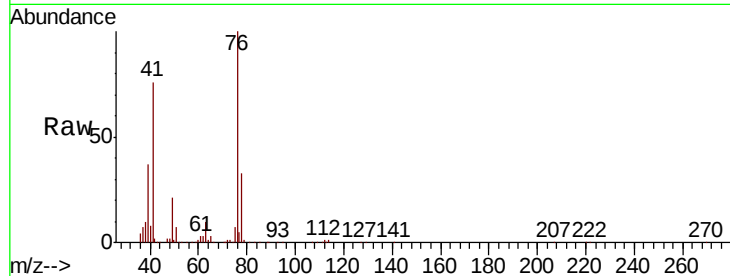
VSTDIC100

Tgt Ion: 76 Resp: 273544

Ion Ratio Lower Upper

76 100

78 33.1 24.5 36.7



#58

2-Chloroethyl Vinyl ether

Concen: 516.756 ug/l

RT: 7.78 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF060194.D

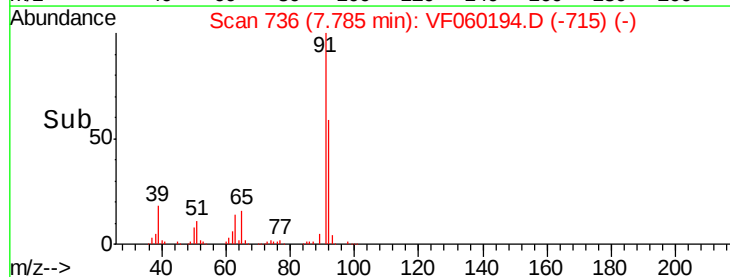
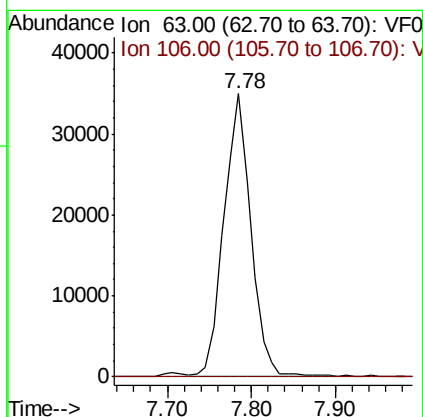
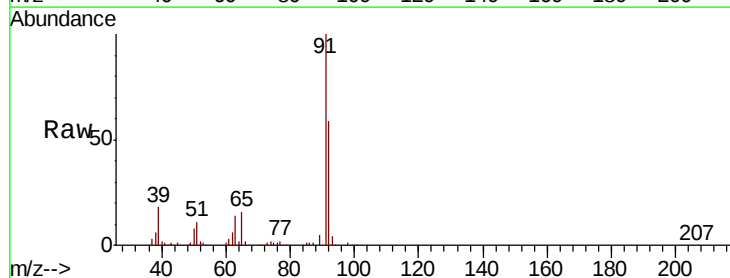
Acq: 29 Aug 2018 17:25

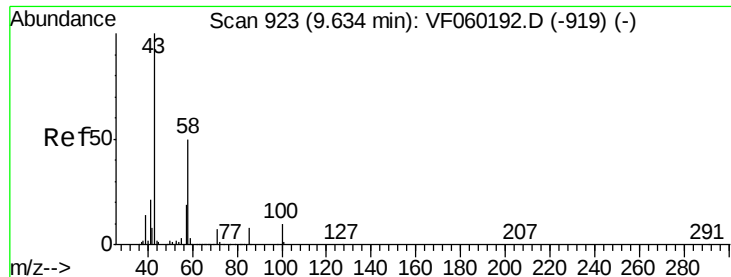
Tgt Ion: 63 Resp: 78240

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0

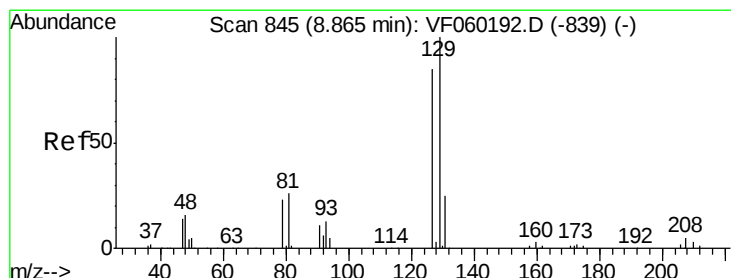
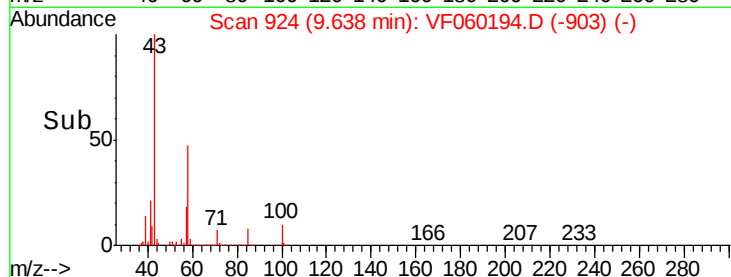
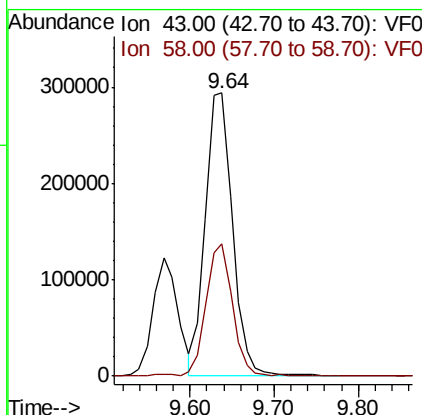
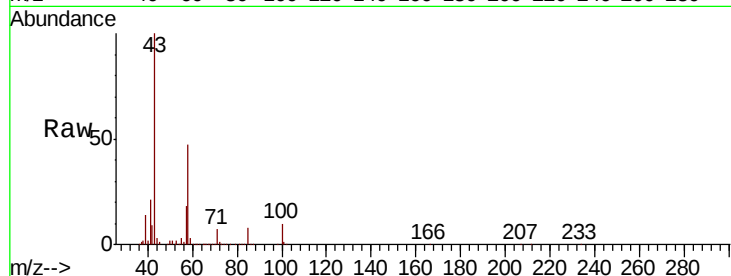




#59
2-Hexanone
Concen: 1239.340 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.00 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

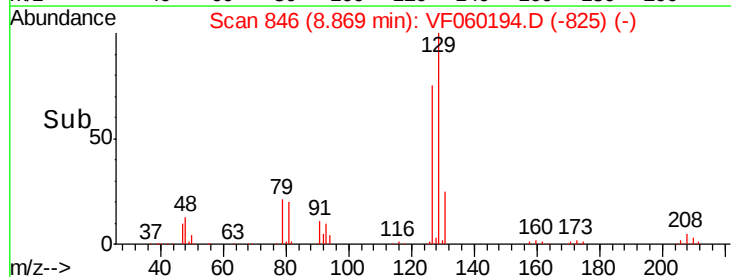
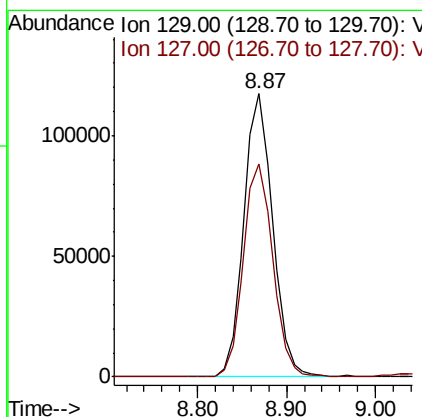
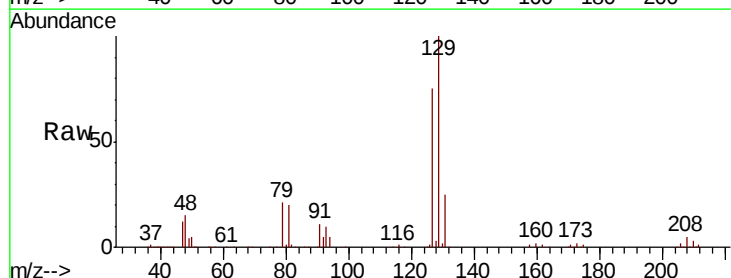
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

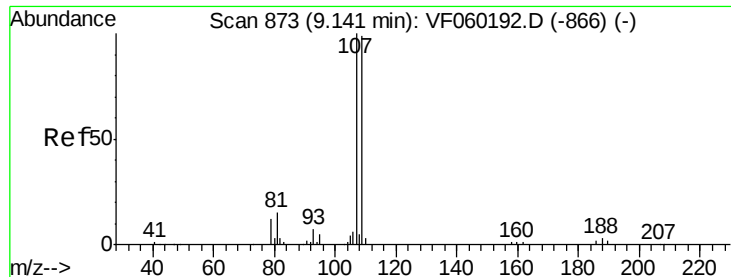
Tgt Ion: 43 Resp: 655923
Ion Ratio Lower Upper
43 100
58 46.5 23.0 69.0



#60
Dibromochloromethane
Concen: 204.575 ug/l
RT: 8.87 min Scan# 846
Delta R.T. 0.00 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Tgt Ion: 129 Resp: 263478
Ion Ratio Lower Upper
129 100
127 75.4 42.5 127.5





#61

1,2-Dibromoethane

Concen: 221.197 ug/l

RT: 9.14 min Scan# 873

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

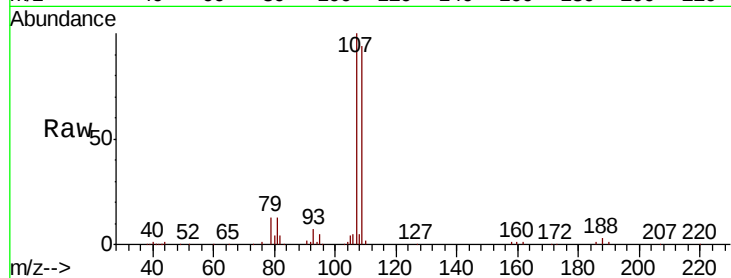
VSTDIC100

Tgt Ion:107 Resp: 192174

Ion Ratio Lower Upper

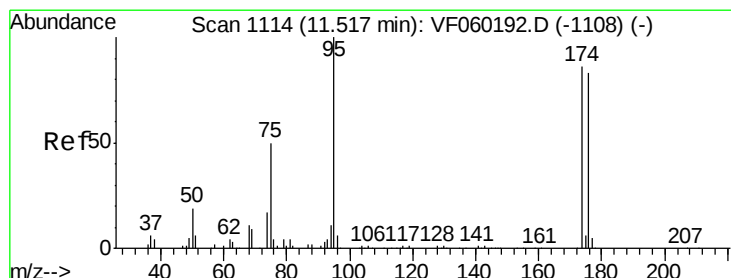
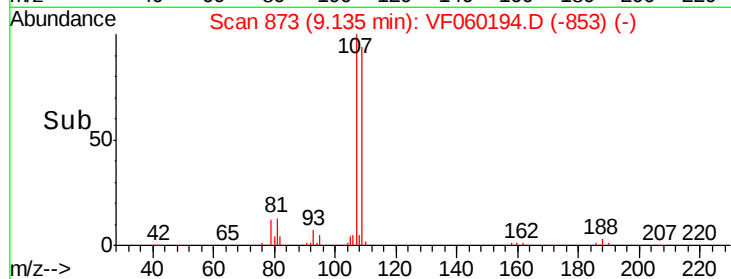
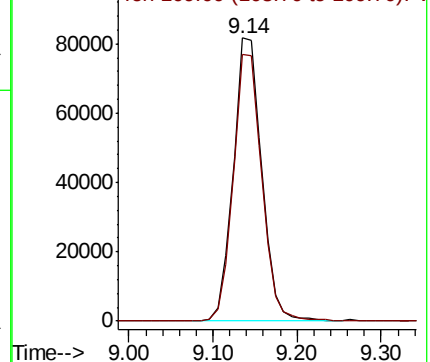
107 100

109 94.3 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: 138.034 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

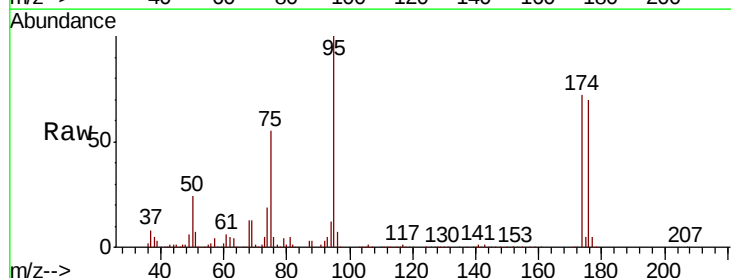
Tgt Ion: 95 Resp: 314586

Ion Ratio Lower Upper

95 100

174 72.2 0.0 171.2

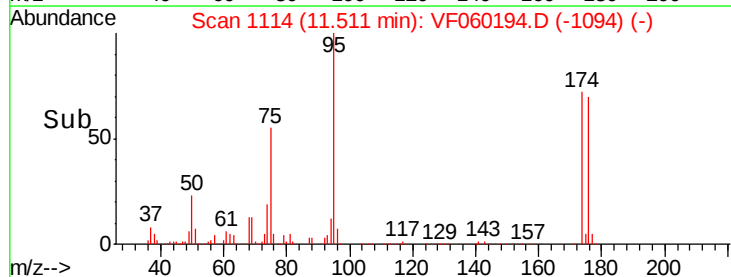
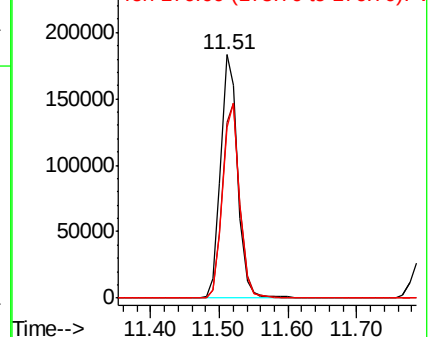
176 70.0 0.0 167.0

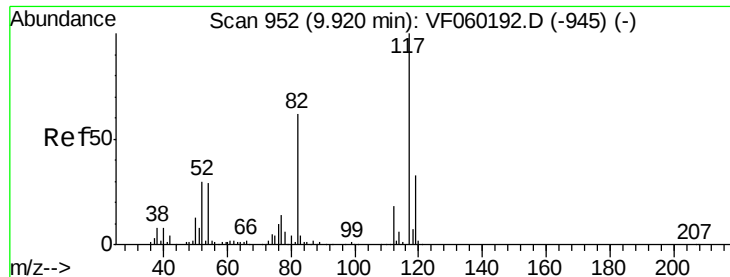


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

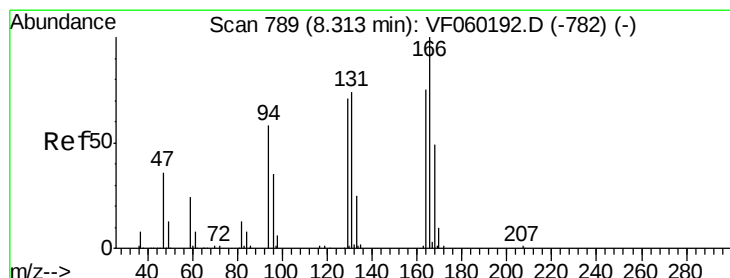
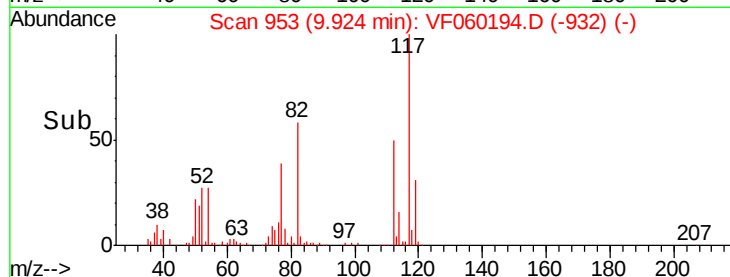
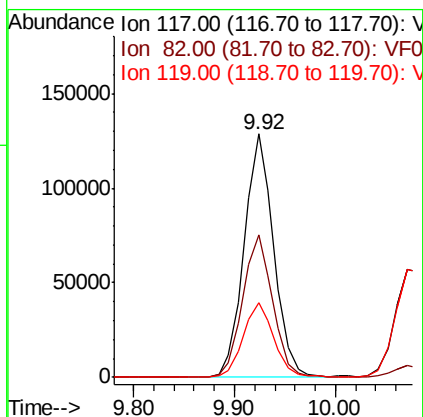
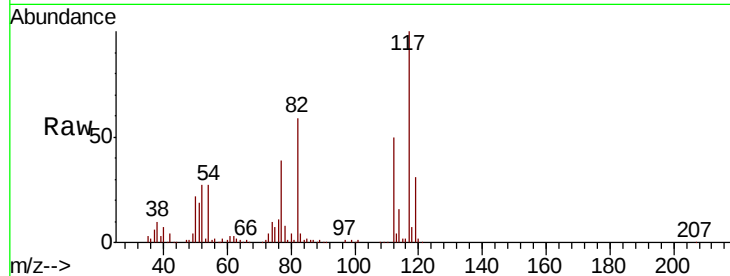




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

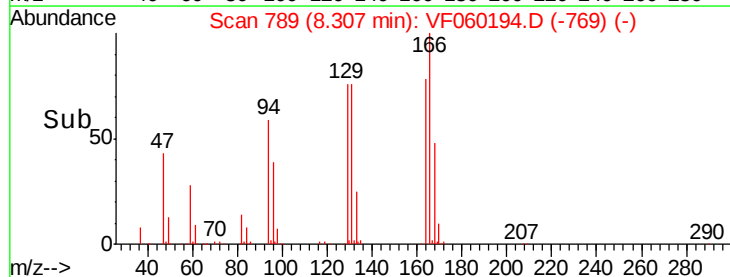
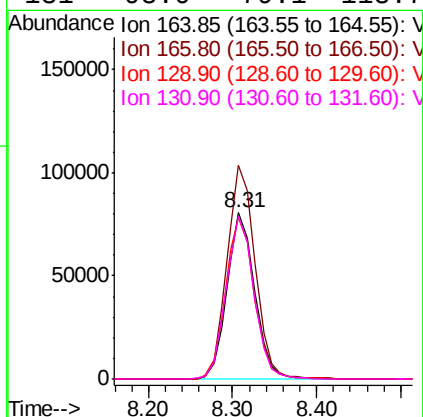
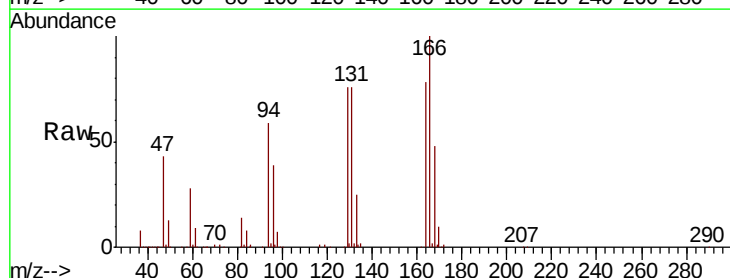
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

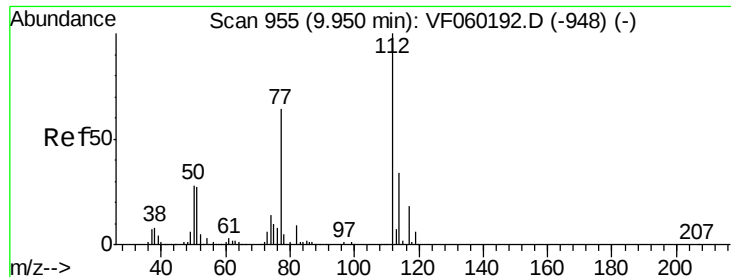
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.6	49.9	74.9
119	30.5	26.5	39.7



#64
Tetrachloroethene
Concen: 60.722 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.01 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	106.6	160.0
129	97.3	75.4	113.0
131	98.0	79.1	118.7

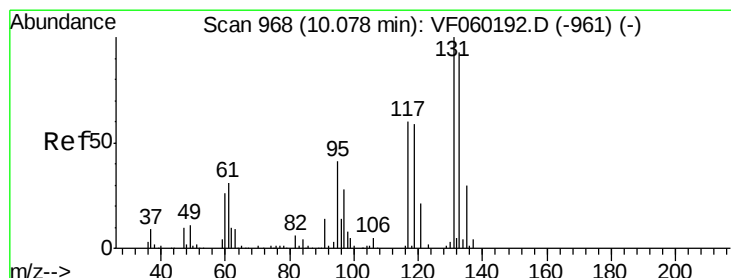
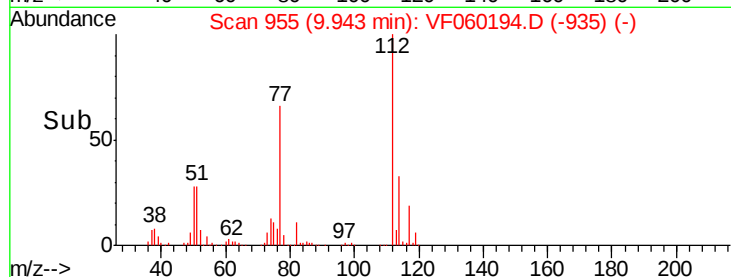
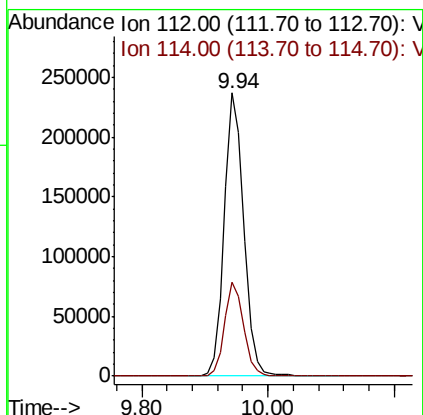
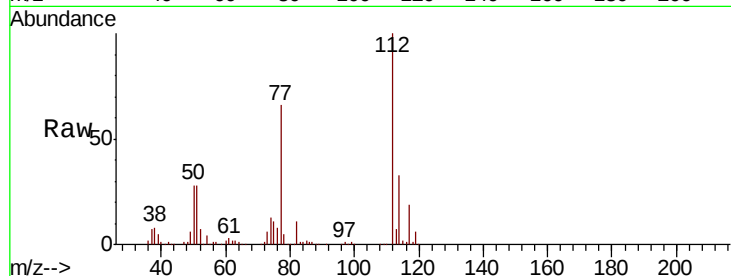




#65
Chlorobenzene
Concen: 96.266 ug/l
RT: 9.94 min Scan# 955
Delta R.T. -0.01 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

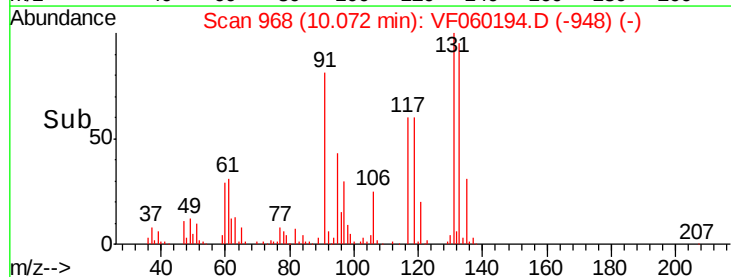
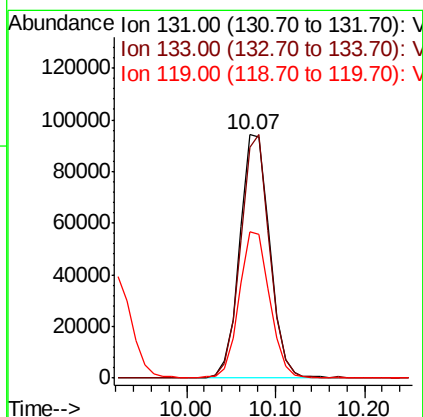
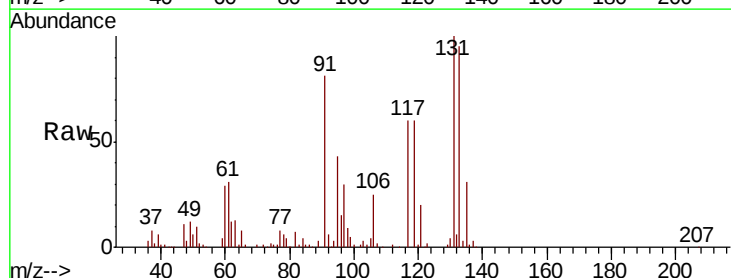
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

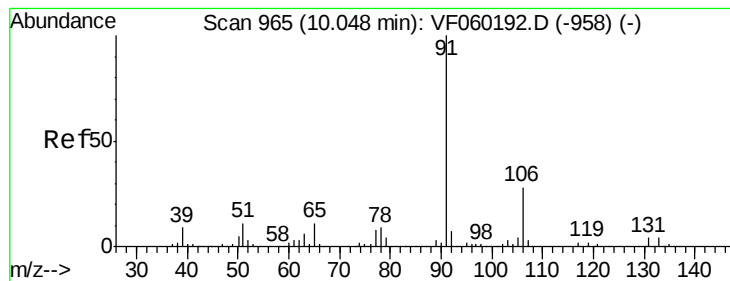
Tgt Ion:112 Resp: 511898
Ion Ratio Lower Upper
112 100
114 33.2 26.8 40.2



#66
1,1,1,2-Tetrachloroethane
Concen: 118.999 ug/l
RT: 10.07 min Scan# 968
Delta R.T. -0.01 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Tgt Ion:131 Resp: 219922
Ion Ratio Lower Upper
131 100
133 94.7 46.6 139.7
119 60.3 29.9 89.7





#67

Ethyl Benzene

Concen: 77.682 ug/l

RT: 10.04 min Scan# 965

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

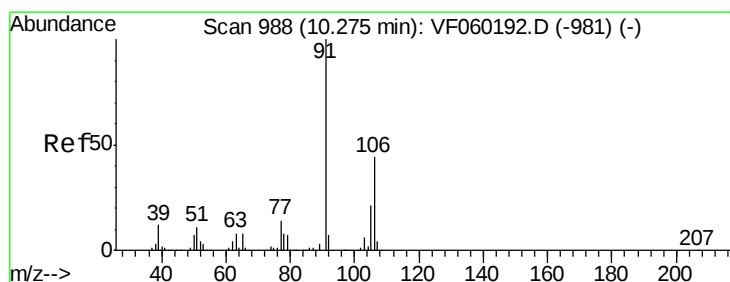
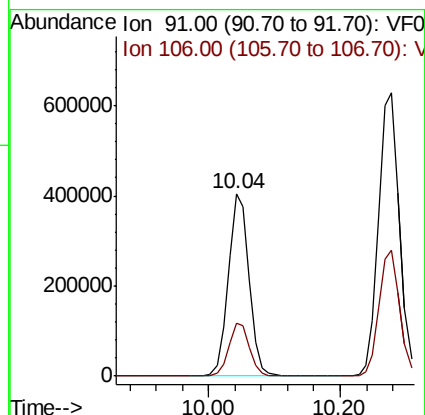
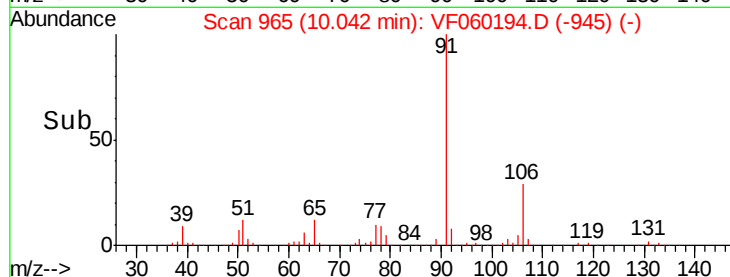
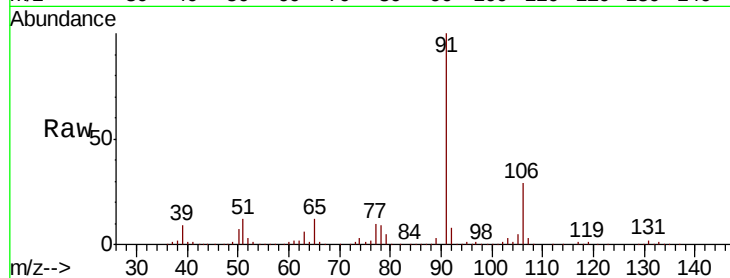
VSTDIC100

Tgt Ion: 91 Resp: 893898

Ion Ratio Lower Upper

91 100

106 28.9 22.0 33.0



#68

m/p-Xylenes

Concen: 159.463 ug/l

RT: 10.28 min Scan# 989

Delta R.T. 0.00 min

Lab File: VF060194.D

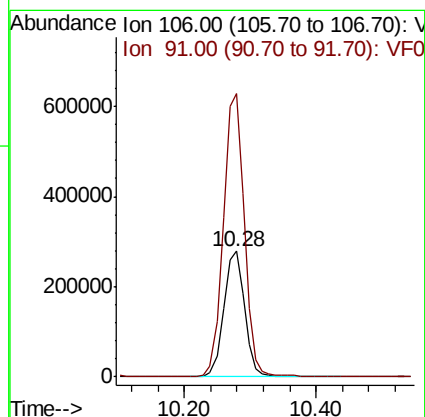
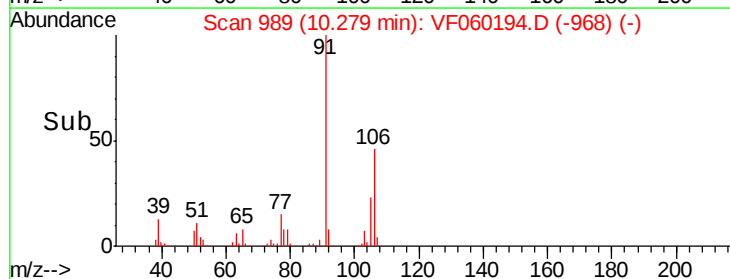
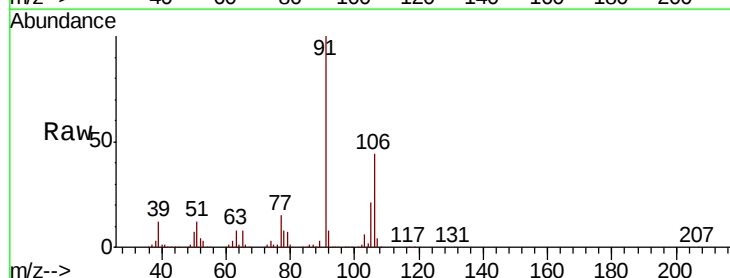
Acq: 29 Aug 2018 17:25

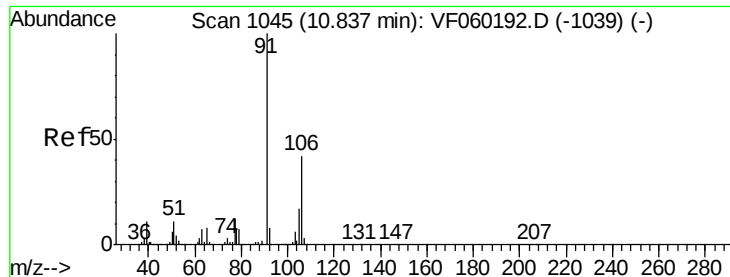
Tgt Ion: 106 Resp: 613097

Ion Ratio Lower Upper

106 100

91 225.1 183.4 275.0

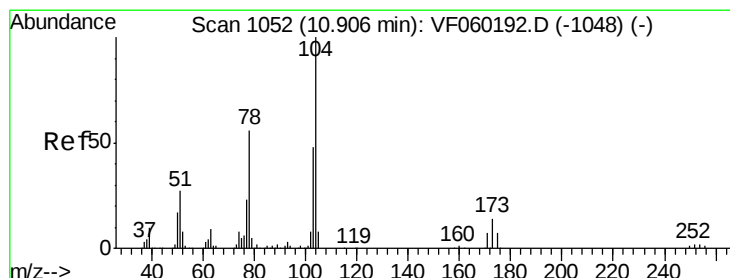
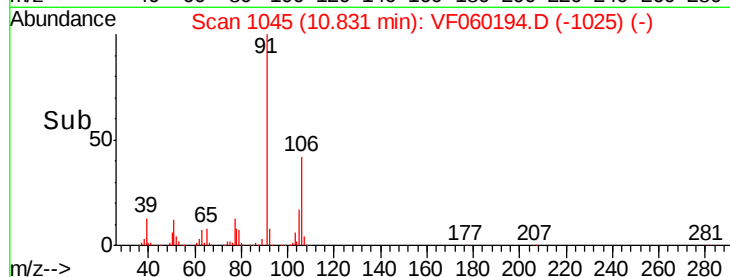
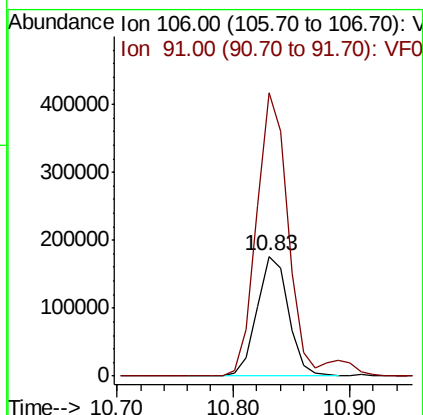
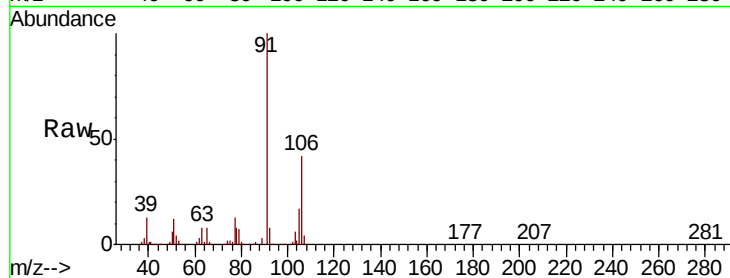




#69
o-Xylene
Concen: 94.238 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

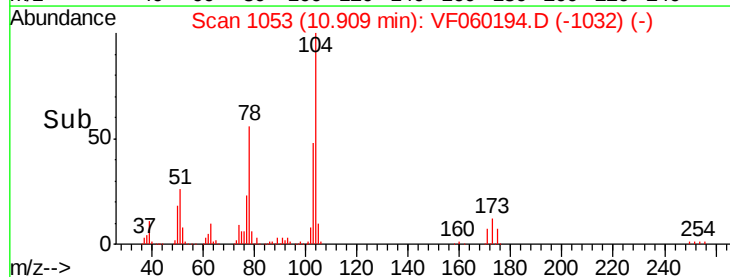
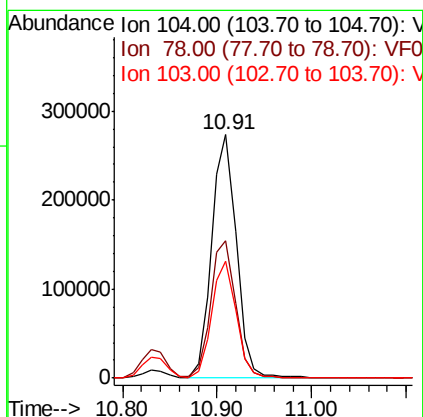
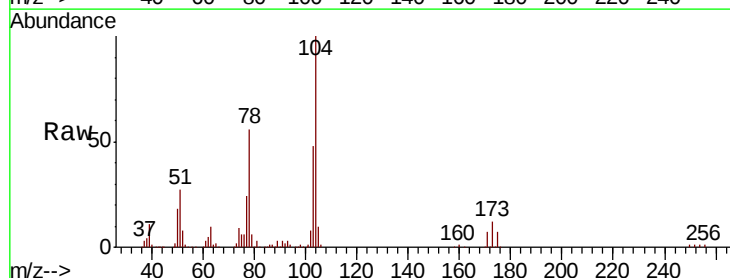
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

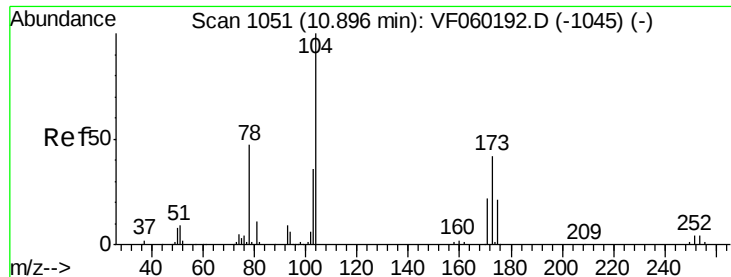
Tgt Ion:106 Resp: 332292
Ion Ratio Lower Upper
106 100
91 235.6 120.2 360.6



#70
Styrene
Concen: 109.183 ug/l
RT: 10.91 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Tgt Ion:104 Resp: 495919
Ion Ratio Lower Upper
104 100
78 56.4 45.4 68.0
103 48.3 38.9 58.3





#71

Bromoform

Concen: 205.228 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC100

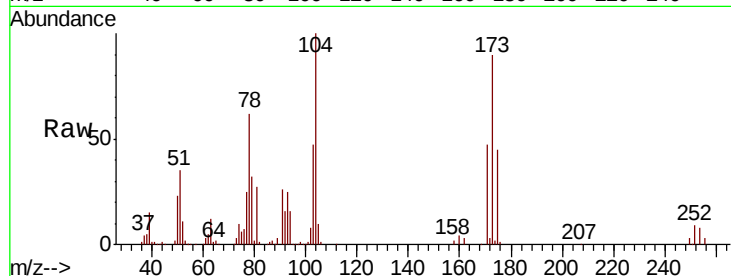
Tgt Ion:173 Resp: 160470

Ion Ratio Lower Upper

173 100

175 50.7 24.8 74.3

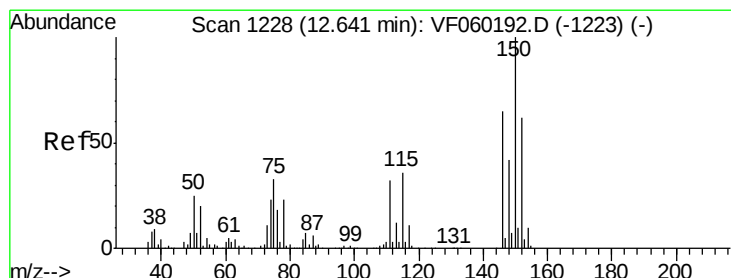
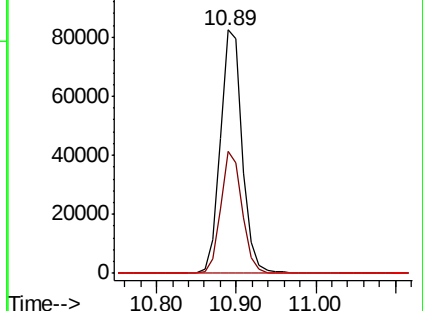
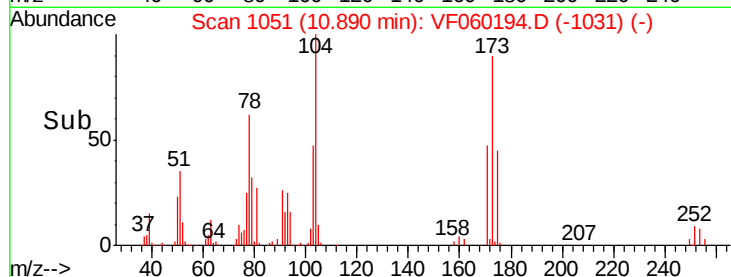
254 0.0 0.0 0.0



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: VF060194.D

Acq: 29 Aug 2018 17:25

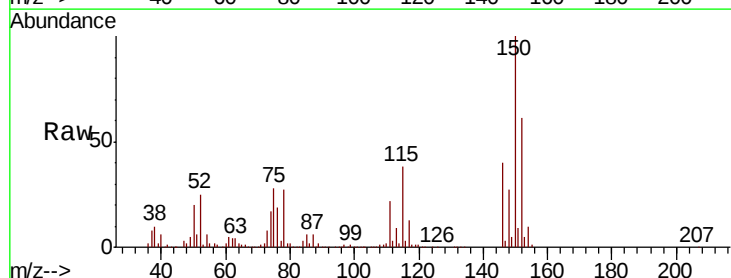
Tgt Ion:152 Resp: 163529

Ion Ratio Lower Upper

152 100

115 62.4 28.9 86.8

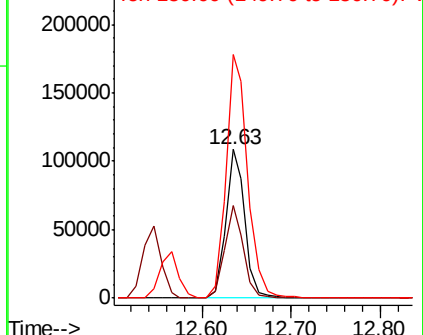
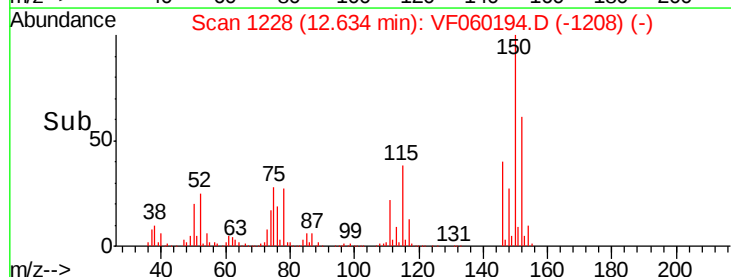
150 163.7 0.0 323.2

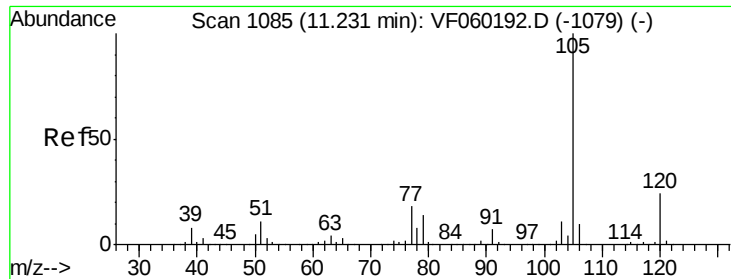


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 61.575 ug/l

RT: 11.23 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

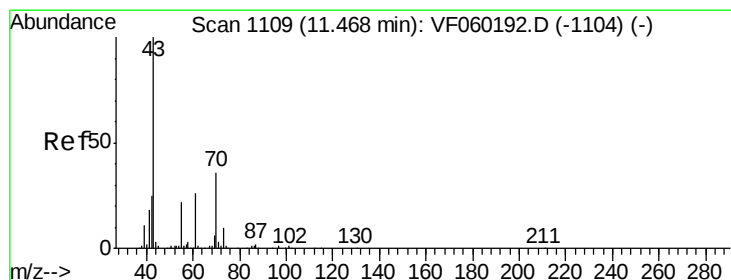
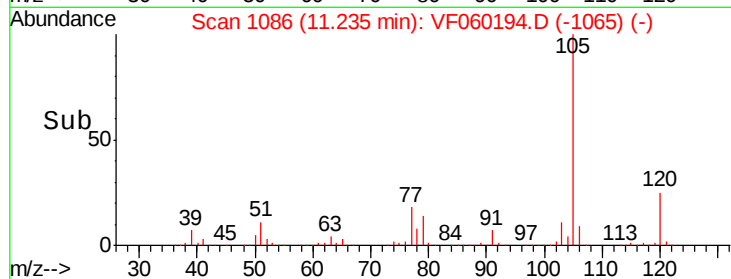
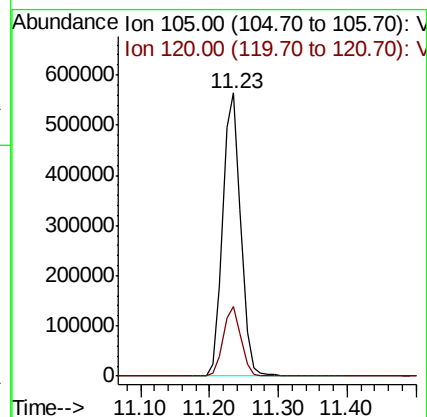
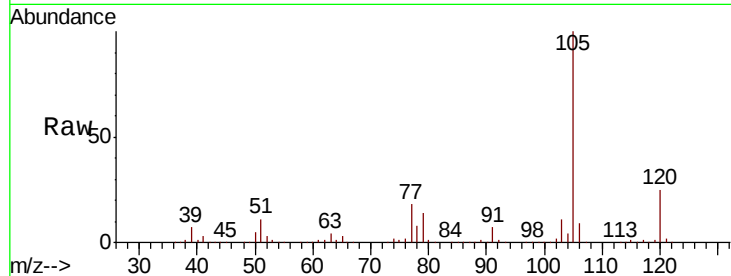
VSTDIC100

Tgt Ion:105 Resp: 1016917

Ion Ratio Lower Upper

105 100

120 24.8 12.3 36.8



#74

N-ethyl acetate

Concen: 193.295 ug/l

RT: 11.47 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Tgt Ion: 43 Resp: 329549

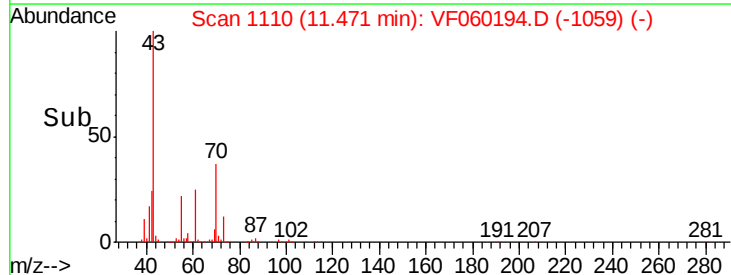
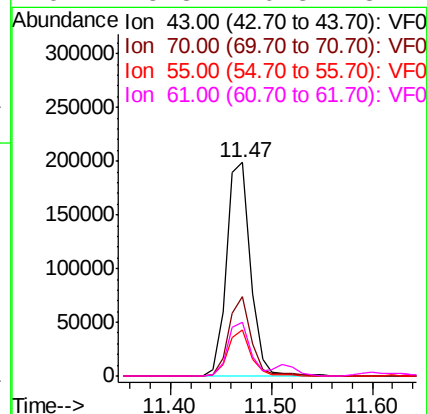
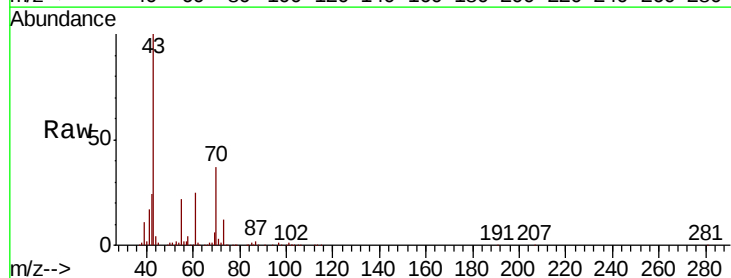
Ion Ratio Lower Upper

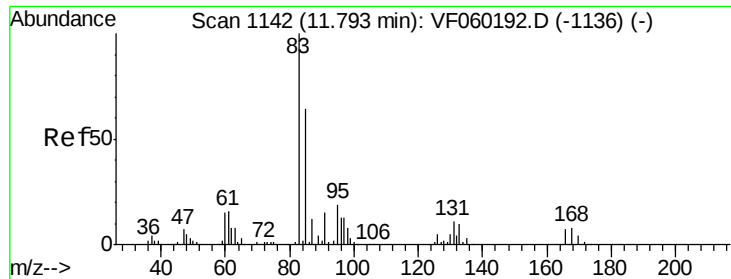
43 100

70 37.1 28.6 43.0

55 21.5 17.4 26.2

61 25.3 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 150.824 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC100

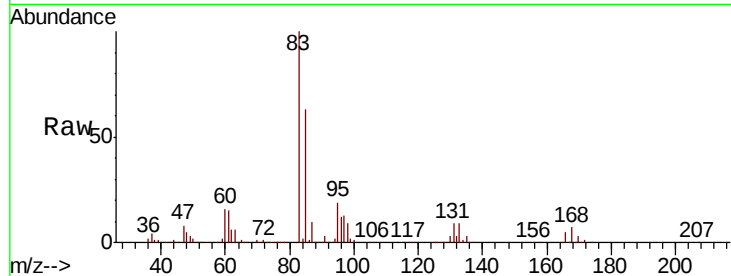
Tgt Ion: 83 Resp: 209535

Ion Ratio Lower Upper

83 100

131 9.4 5.5 16.5

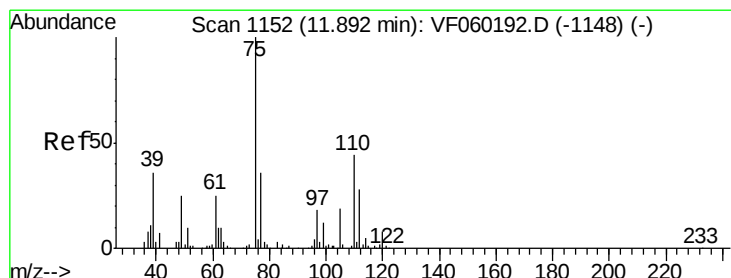
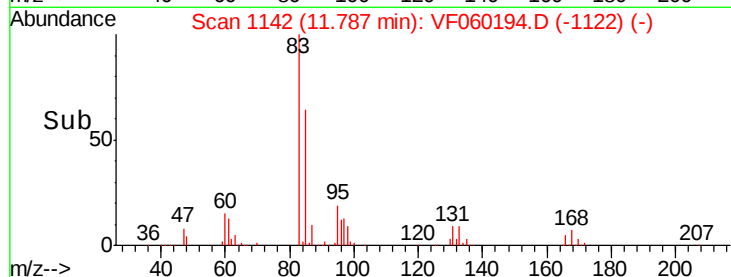
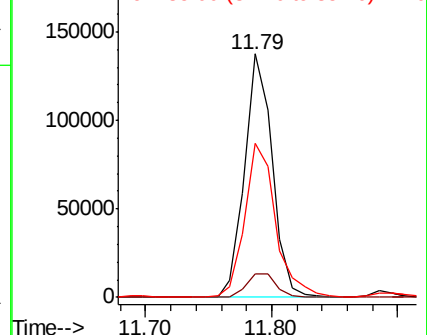
85 63.5 32.2 96.6



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: 148.212 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. -0.01 min

Lab File: VF060194.D

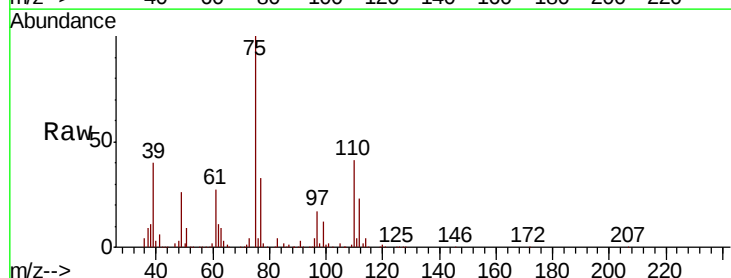
Acq: 29 Aug 2018 17:25

Tgt Ion: 75 Resp: 174393

Ion Ratio Lower Upper

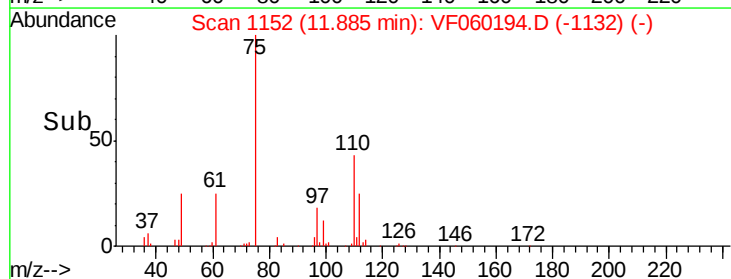
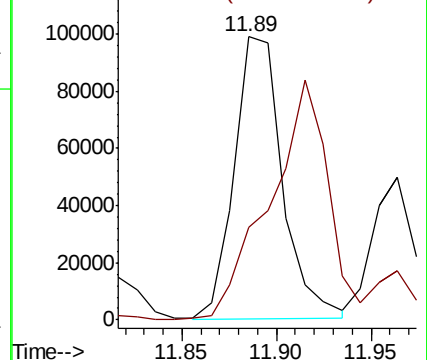
75 100

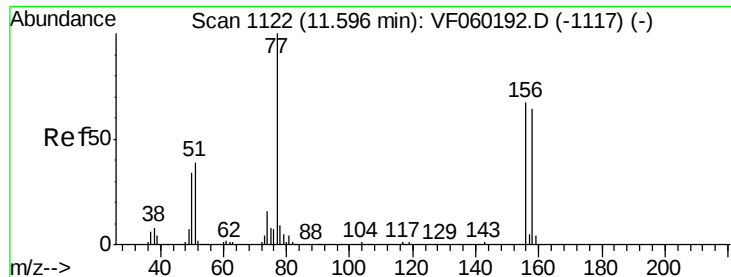
77 32.9 17.9 53.8



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 101.845 ug/l

RT: 11.60 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC100

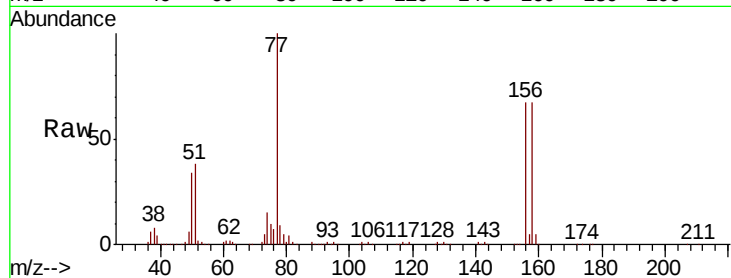
Tgt Ion:156 Resp: 269564

Ion Ratio Lower Upper

156 100

77 150.1 74.5 223.5

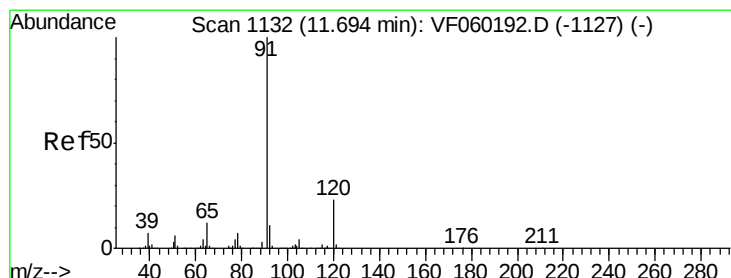
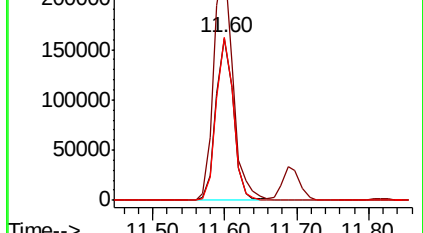
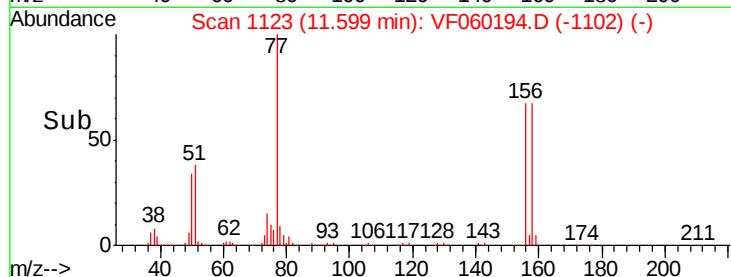
158 100.5 47.3 141.8



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: 58.121 ug/l

RT: 11.69 min Scan# 1132

Delta R.T. -0.01 min

Lab File: VF060194.D

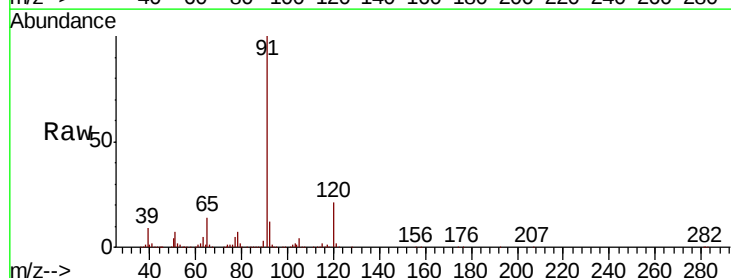
Acq: 29 Aug 2018 17:25

Tgt Ion: 91 Resp: 1158408

Ion Ratio Lower Upper

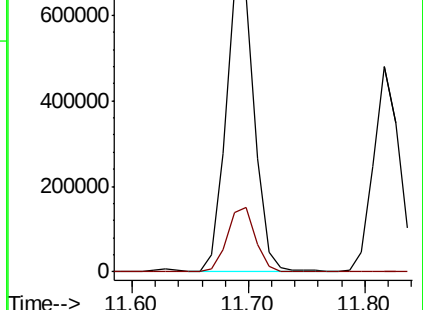
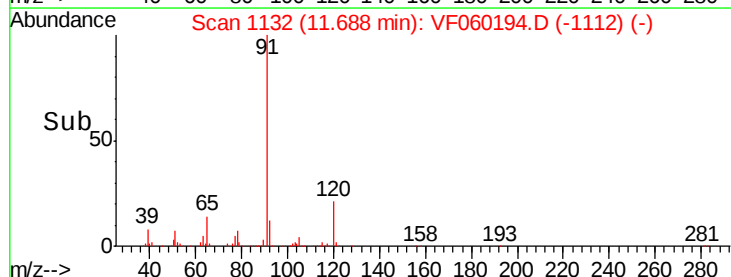
91 100

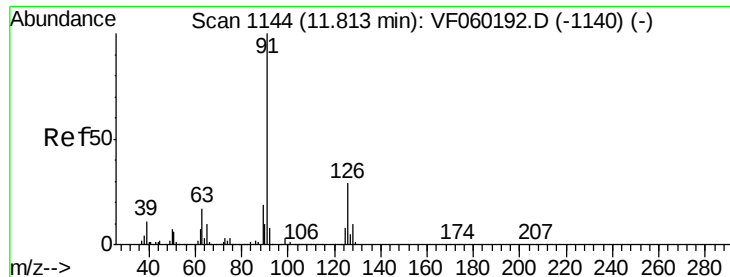
120 20.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 76.235 ug/l

RT: 11.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

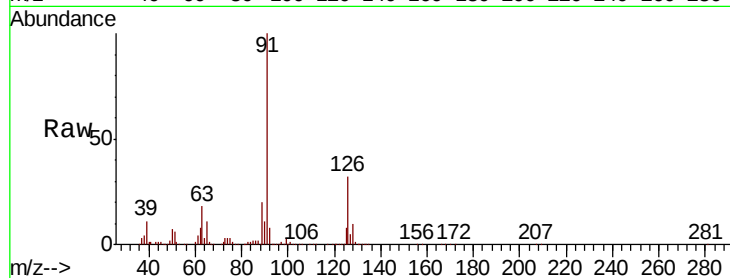
VSTDIC100

Tgt Ion: 91 Resp: 733316

Ion Ratio Lower Upper

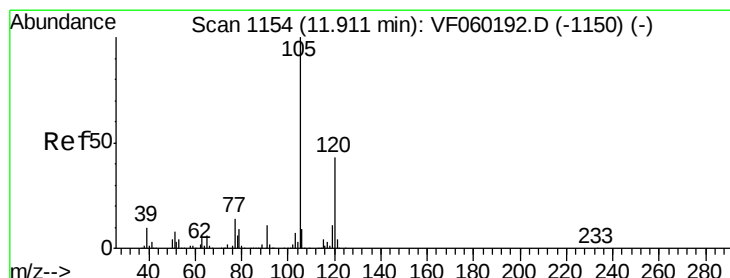
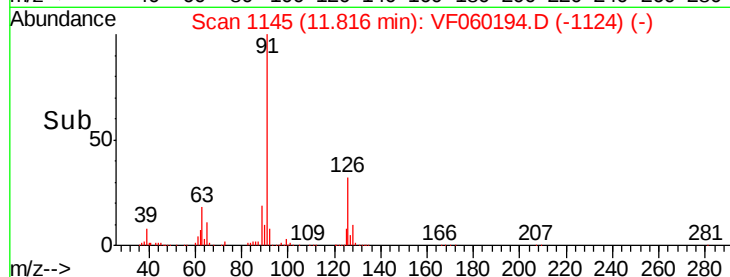
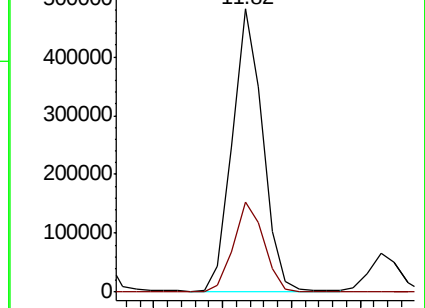
91 100

126 31.9 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 68.035 ug/l

RT: 11.91 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VF060194.D

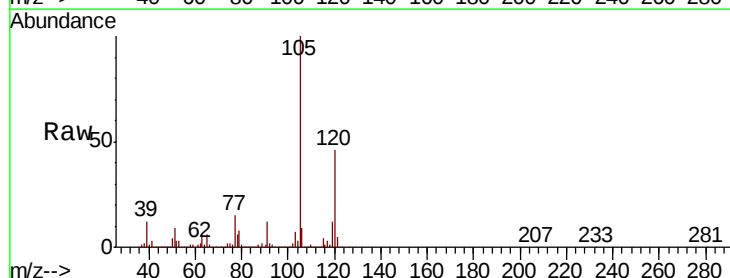
Acq: 29 Aug 2018 17:25

Tgt Ion: 105 Resp: 867789

Ion Ratio Lower Upper

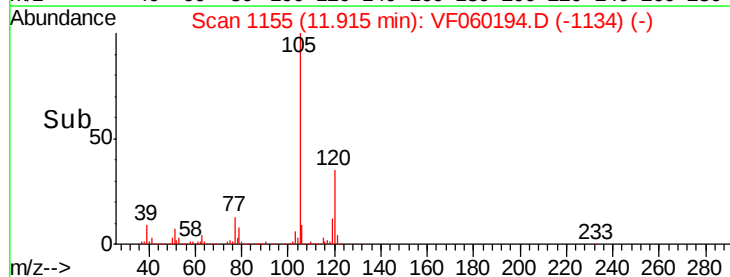
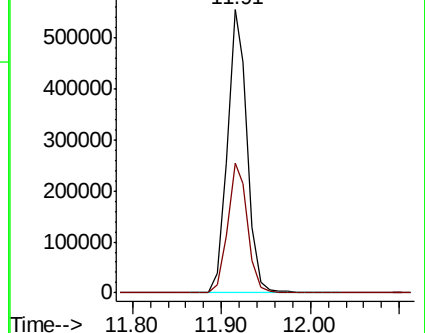
105 100

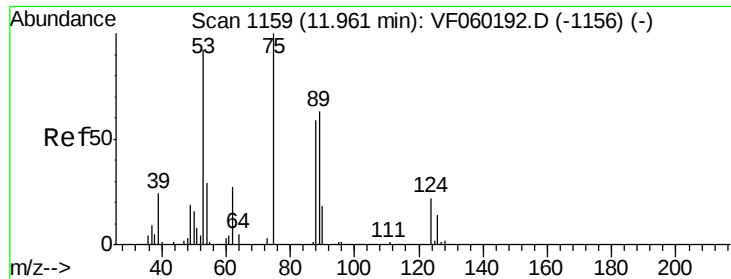
120 45.8 21.5 64.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

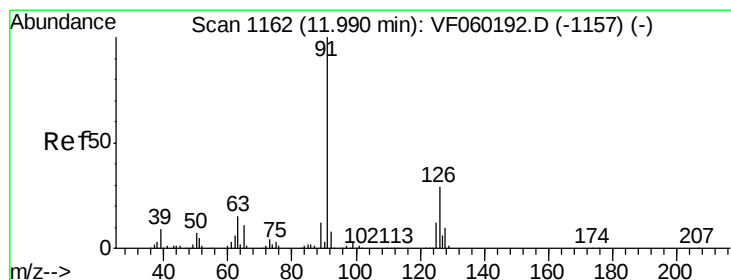
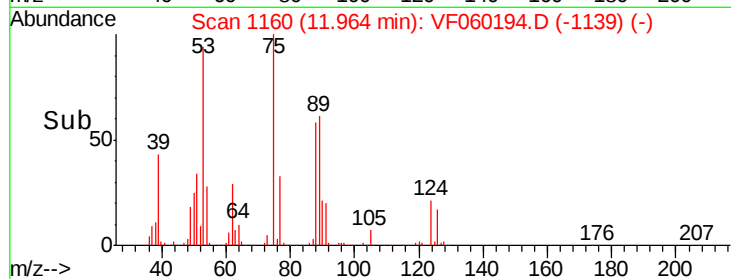
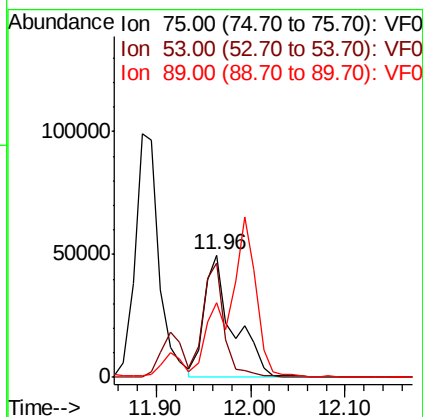
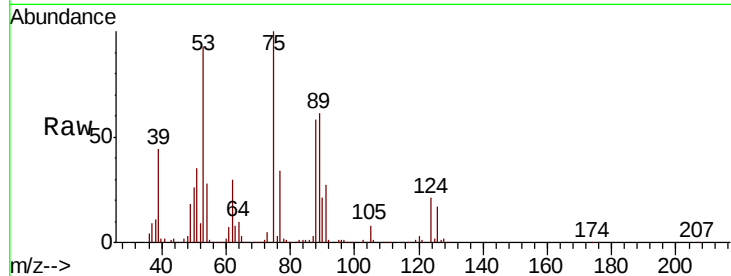




#81
trans-1,4-Dichloro-2-butene
Concen: 304.719 ug/l
RT: 11.96 min Scan# 1160
Delta R.T. 0.00 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

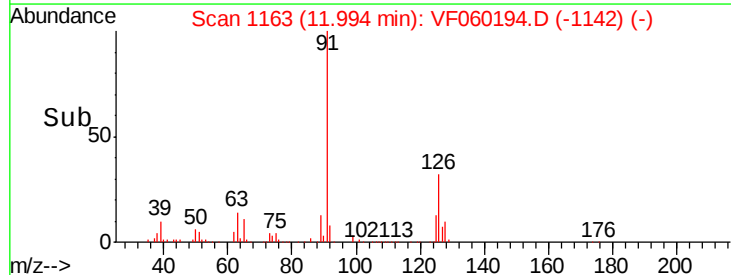
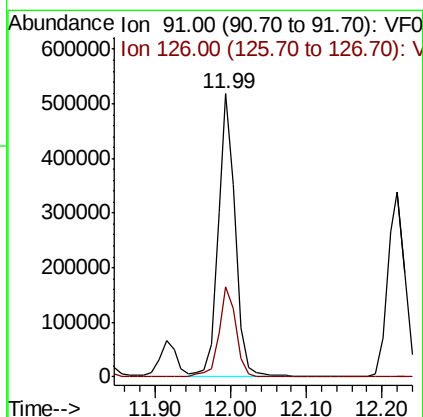
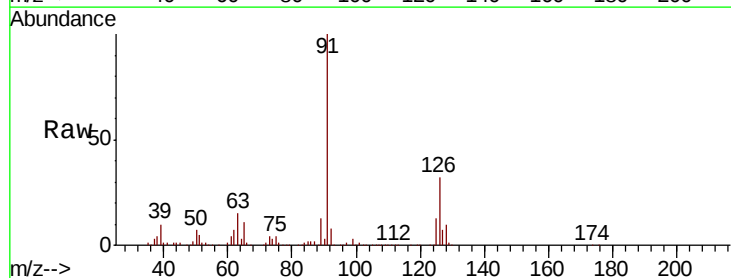
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

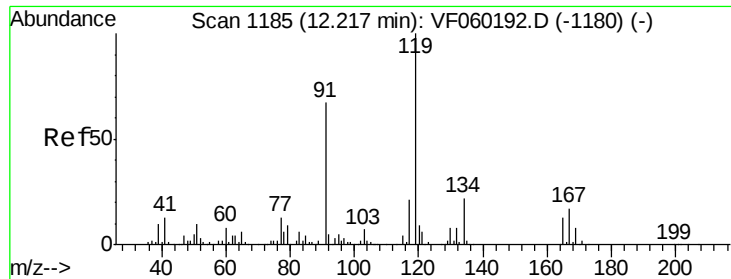
Tgt Ion: 75 Resp: 105659
Ion Ratio Lower Upper
75 100
53 93.3 78.0 117.0
89 61.2 51.8 77.6



#82
4-Chlorotoluene
Concen: 84.633 ug/l
RT: 11.99 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Tgt Ion: 91 Resp: 811526
Ion Ratio Lower Upper
91 100
126 31.7 14.6 44.0

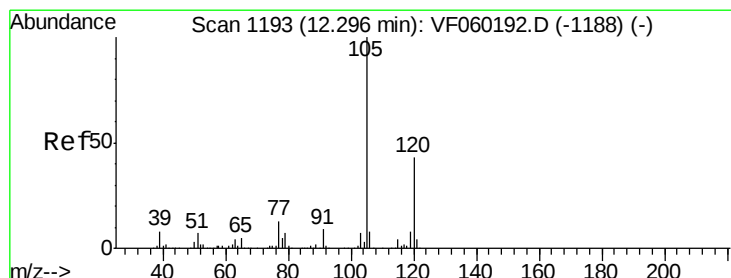
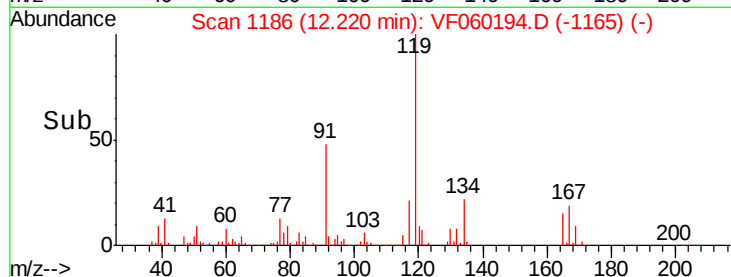
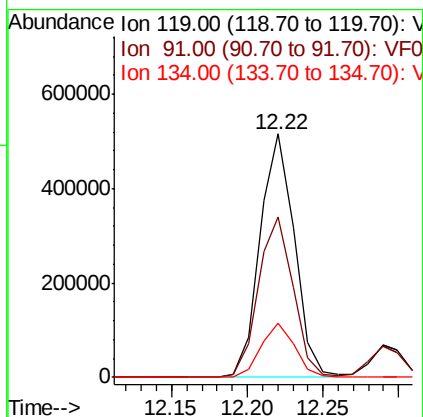
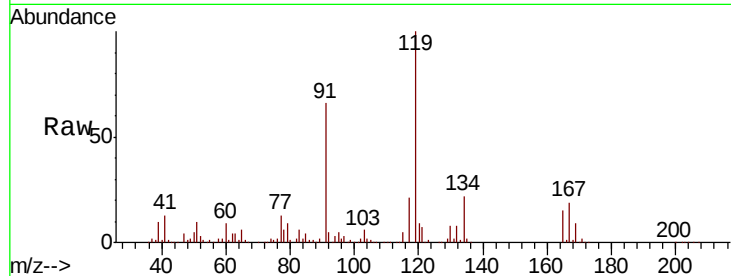




#83
 tert-Butylbenzene
 Concen: 61.550 ug/l
 RT: 12.22 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: VF060194.D
 Acq: 29 Aug 2018 17:25

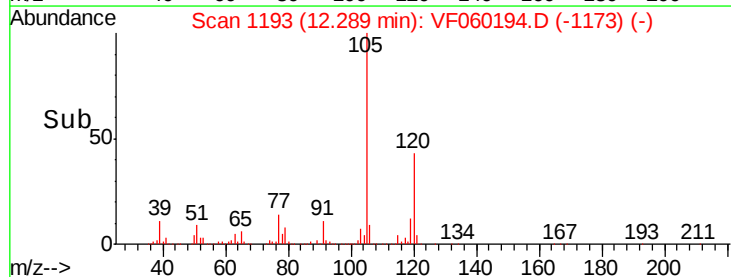
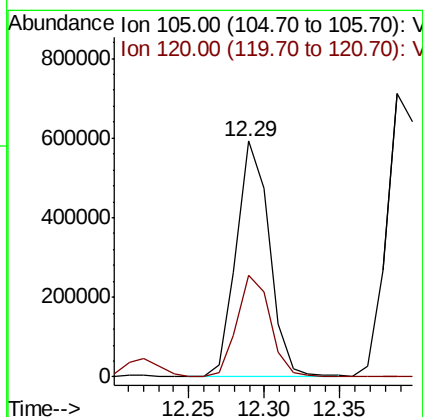
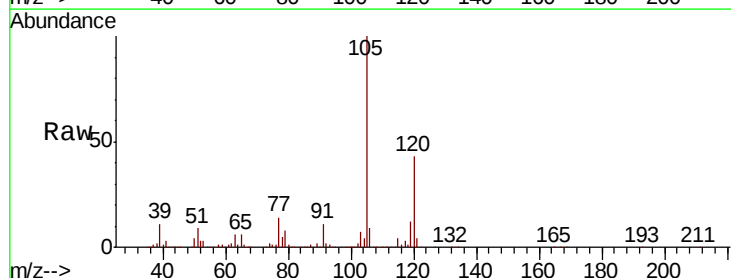
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC100

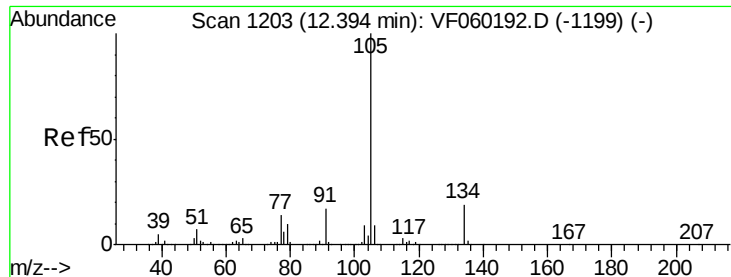
Tgt Ion:119 Resp: 823648
 Ion Ratio Lower Upper
 119 100
 91 65.7 33.8 101.4
 134 22.3 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 81.409 ug/l
 RT: 12.29 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: VF060194.D
 Acq: 29 Aug 2018 17:25

Tgt Ion:105 Resp: 905088
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.6 64.6

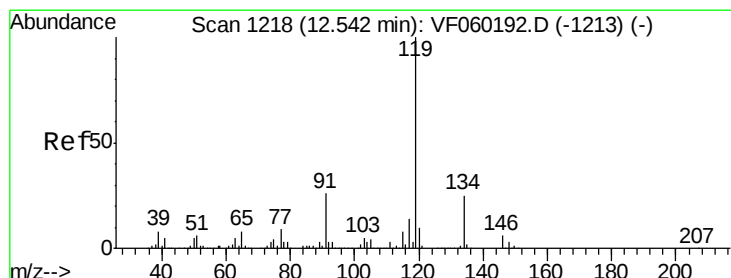
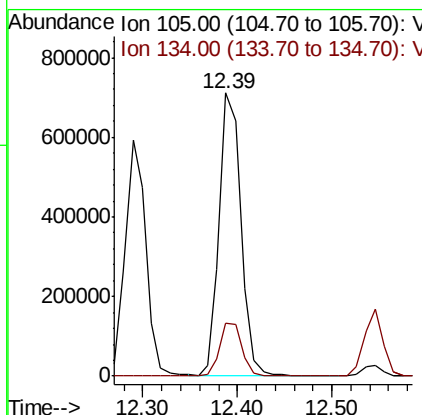
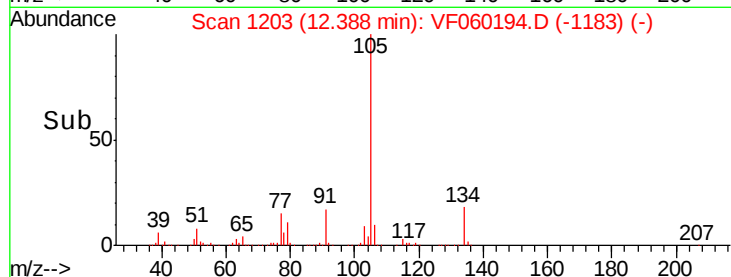
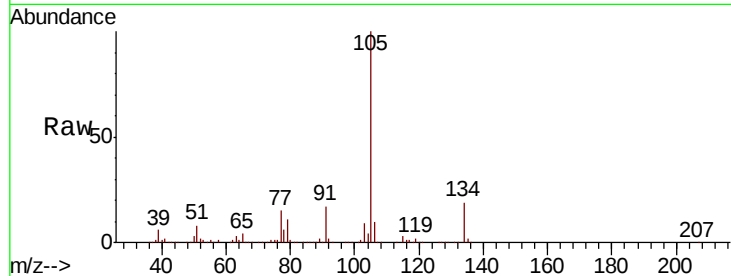




#85
 sec-Butylbenzene
 Concen: 58.011 ug/l
 RT: 12.39 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: VF060194.D
 Acq: 29 Aug 2018 17:25

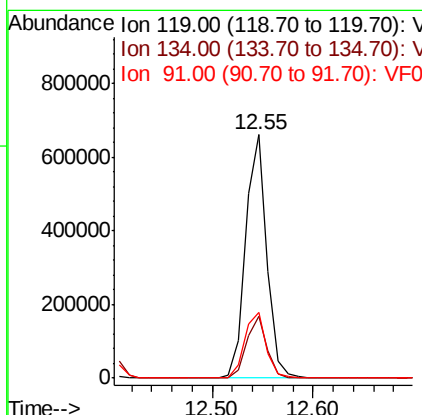
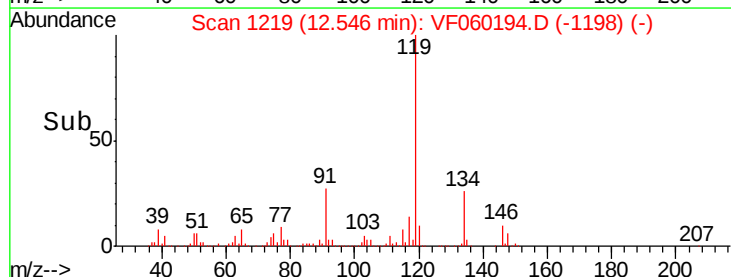
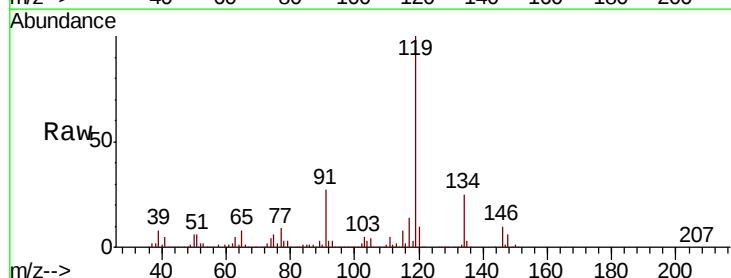
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC100

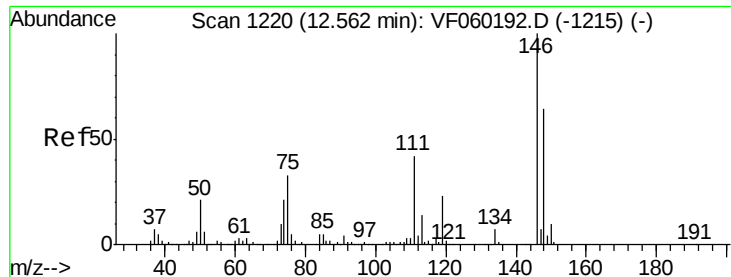
Tgt Ion:105 Resp: 1134977
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 65.544 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VF060194.D
 Acq: 29 Aug 2018 17:25

Tgt Ion:119 Resp: 962932
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.3 36.9
 91 27.2 13.3 39.8

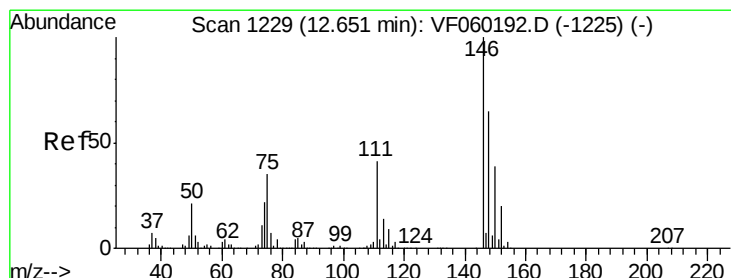
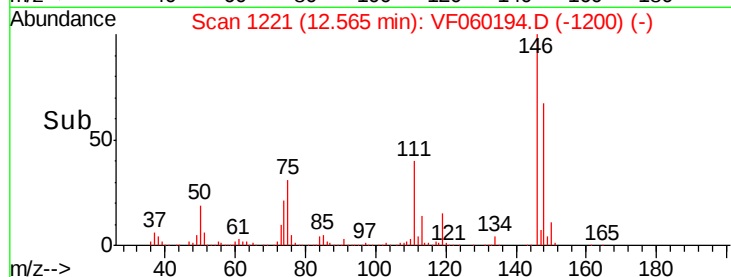
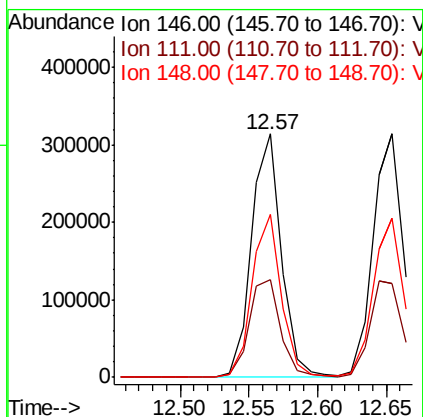
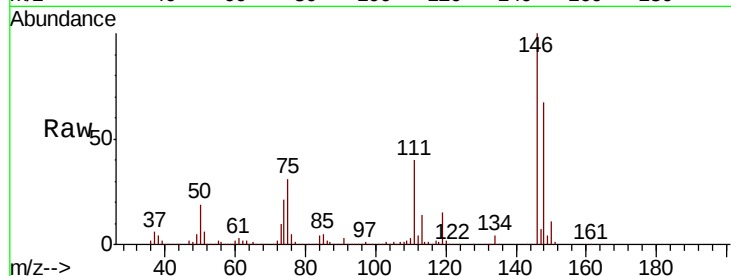




#87
 1,3-Dichlorobenzene
 Concen: 86.909 ug/l
 RT: 12.57 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: VF060194.D
 Acq: 29 Aug 2018 17:25

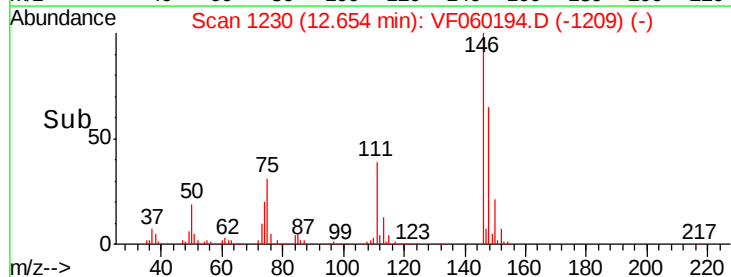
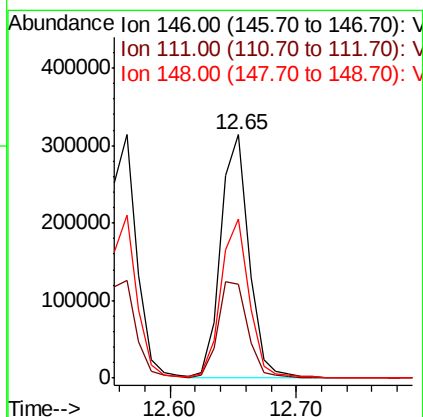
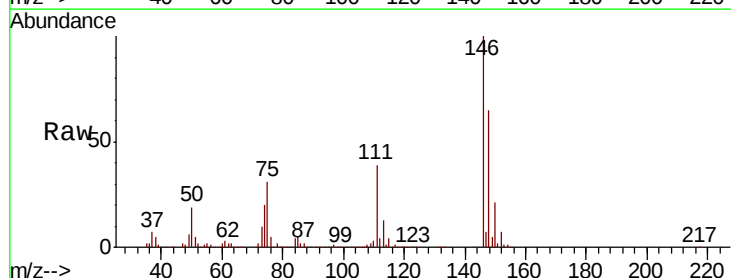
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC100

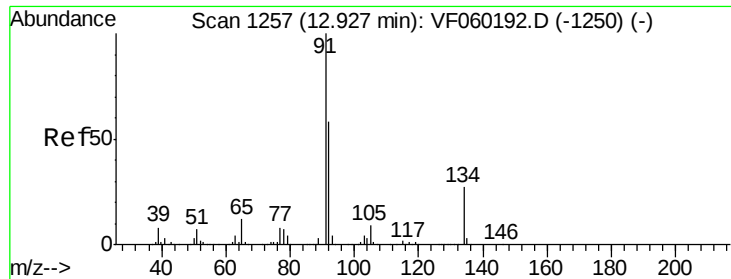
Tgt Ion:146 Resp: 477977
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.8 62.4
 148 66.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 95.845 ug/l
 RT: 12.65 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VF060194.D
 Acq: 29 Aug 2018 17:25

Tgt Ion:146 Resp: 485995
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.5 61.5
 148 65.2 32.4 97.0





#89

n-Butylbenzene

Concen: 73.064 ug/l

RT: 12.92 min Scan# 1257

Delta R.T. -0.01 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC100

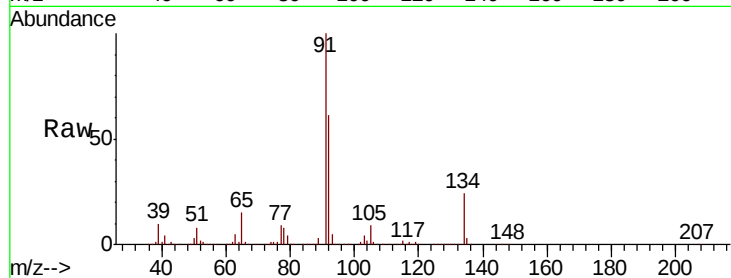
Tgt Ion: 91 Resp: 933678

Ion Ratio Lower Upper

91 100

92 60.6 29.3 87.8

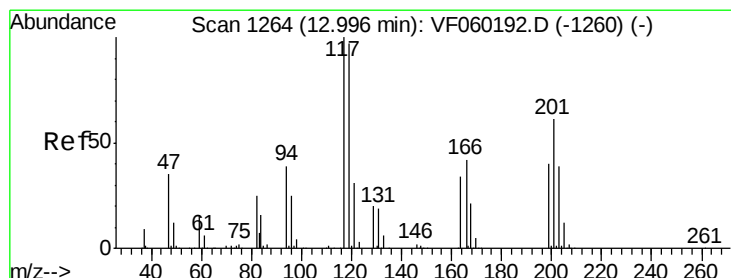
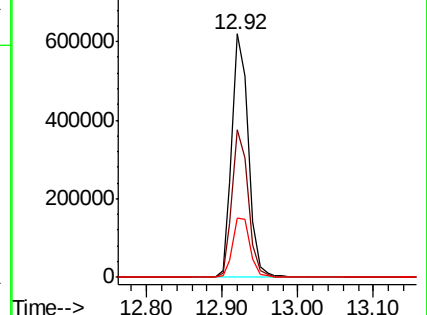
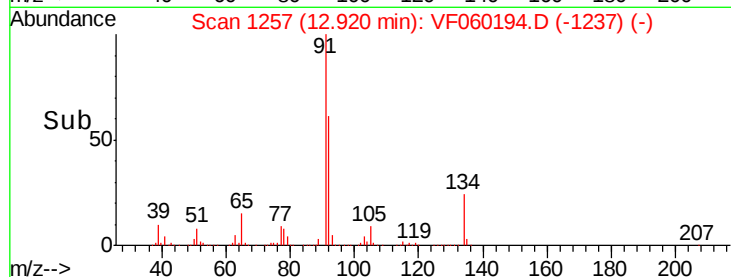
134 24.3 13.5 40.4



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: 71.399 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VF060194.D

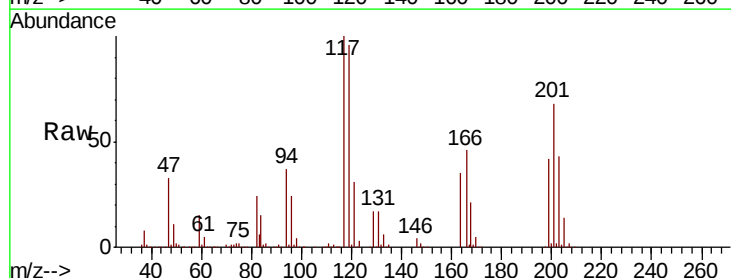
Acq: 29 Aug 2018 17:25

Tgt Ion: 117 Resp: 226621

Ion Ratio Lower Upper

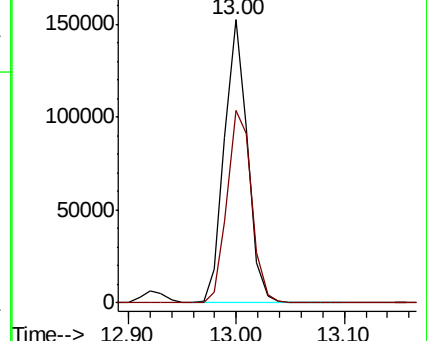
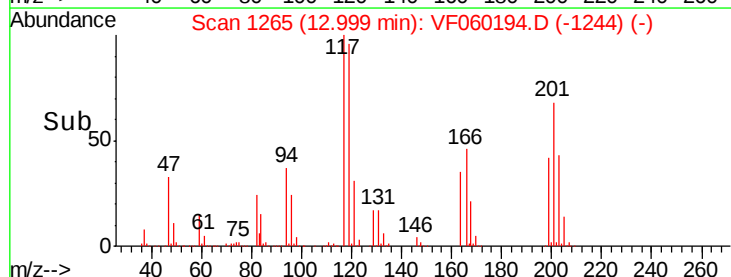
117 100

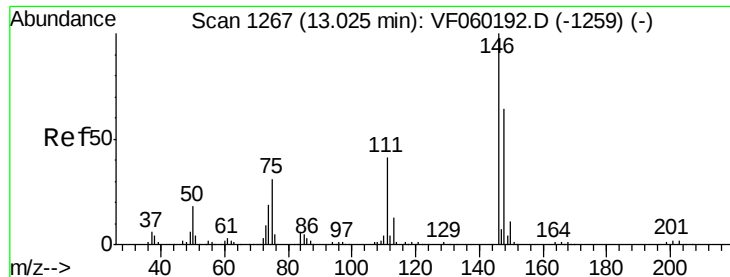
201 68.0 31.3 93.9



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#91

1,2-Dichlorobenzene

Concen: 105.359 ug/l

RT: 13.03 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC100

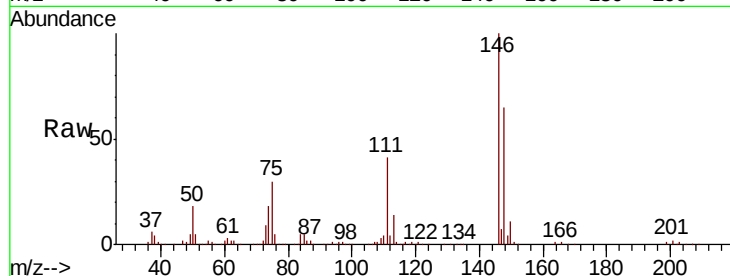
Tgt Ion:146 Resp: 467278

Ion Ratio Lower Upper

146 100

111 41.1 20.7 62.1

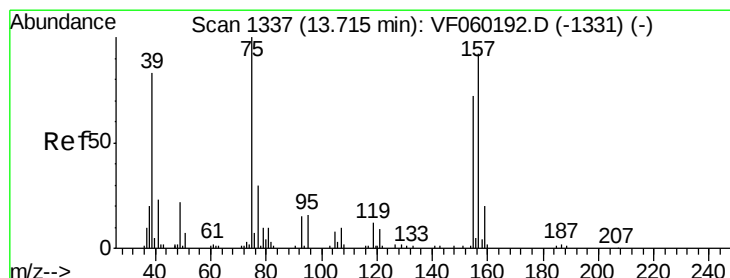
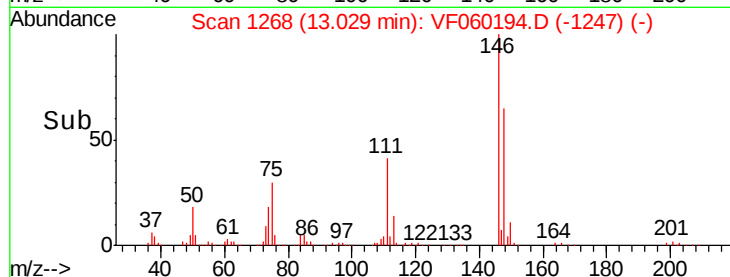
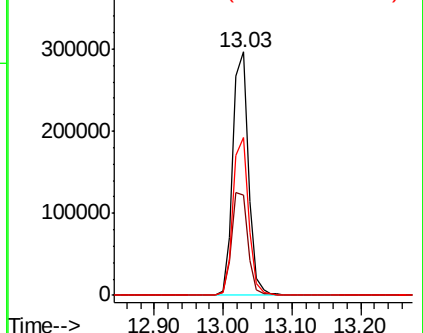
148 64.8 31.9 95.7



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: 206.121 ug/l

RT: 13.72 min Scan# 1338

Delta R.T. 0.00 min

Lab File: VF060194.D

Acq: 29 Aug 2018 17:25

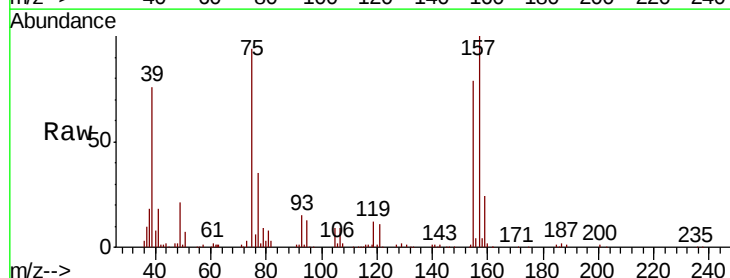
Tgt Ion: 75 Resp: 55675

Ion Ratio Lower Upper

75 100

155 83.9 35.9 107.7

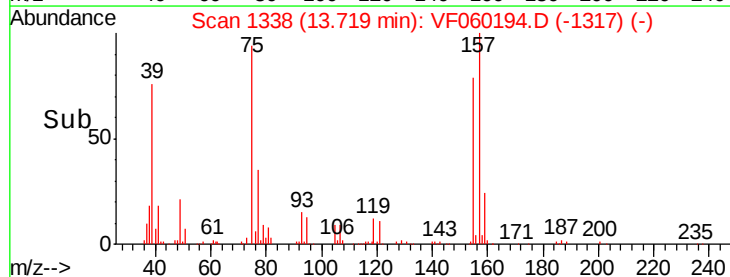
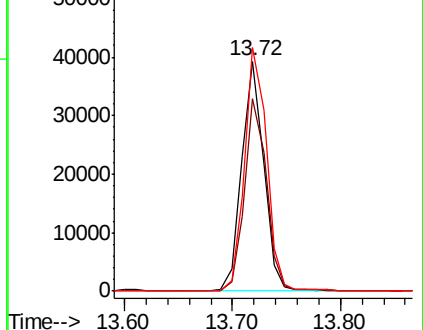
157 106.0 46.1 138.3

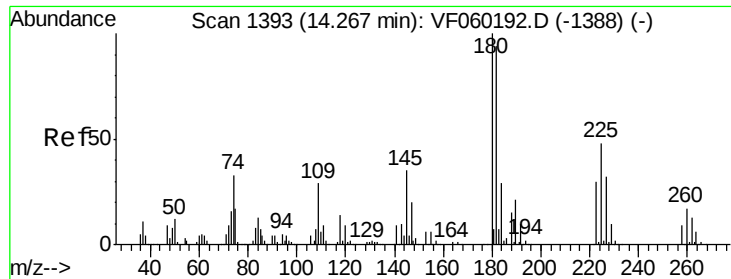


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

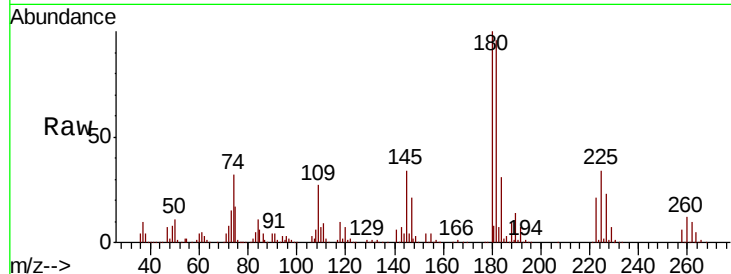




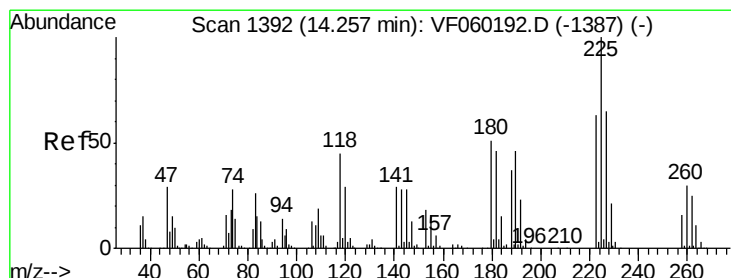
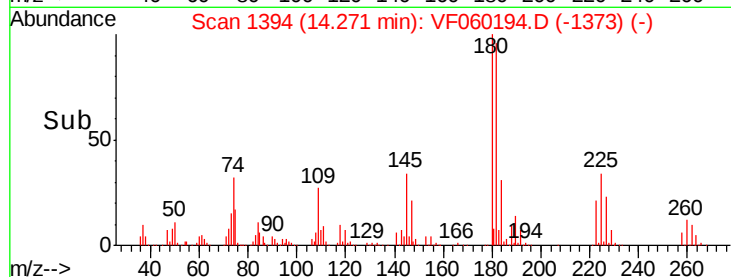
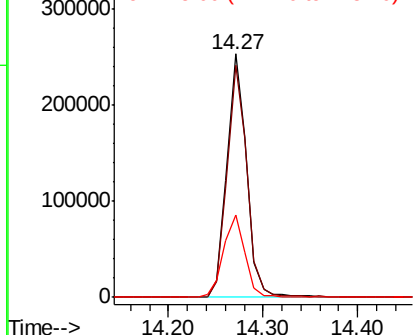
#93
 1,2,4-Trichlorobenzene
 Concen: 164.022 ug/l
 RT: 14.27 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: VF060194.D
 Acq: 29 Aug 2018 17:25

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 365287
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.1 141.4
 145 33.6 17.3 51.7

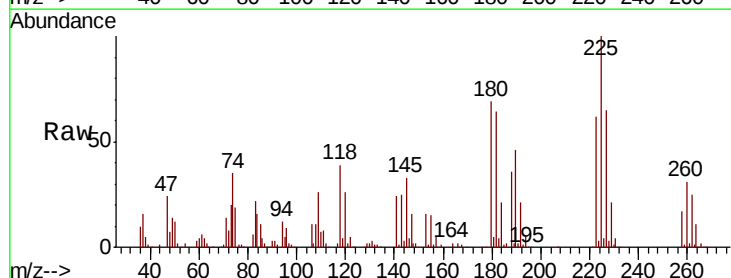


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

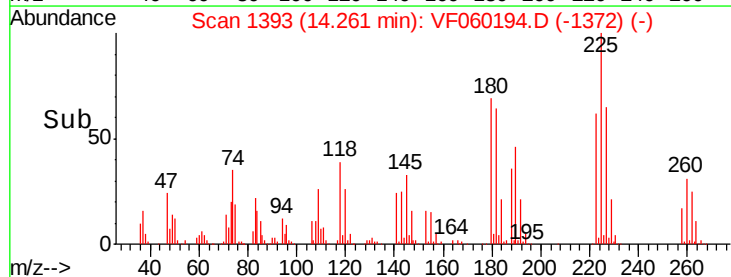
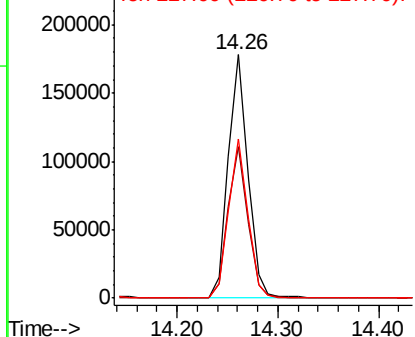


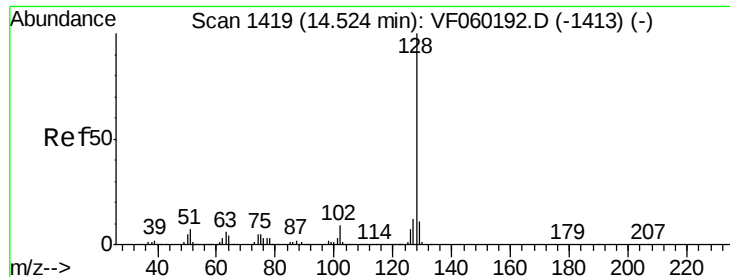
#94
 Hexachlorobutadiene
 Concen: 67.550 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VF060194.D
 Acq: 29 Aug 2018 17:25

Tgt Ion:225 Resp: 241484
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.6 95.0
 227 65.5 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

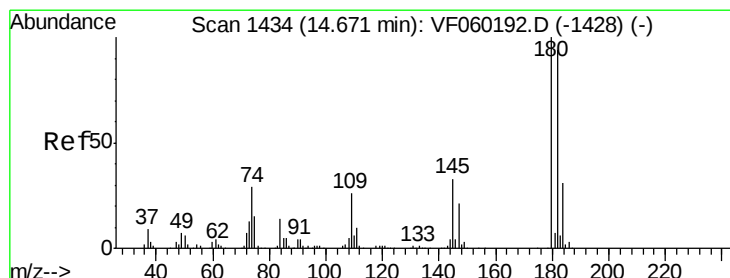
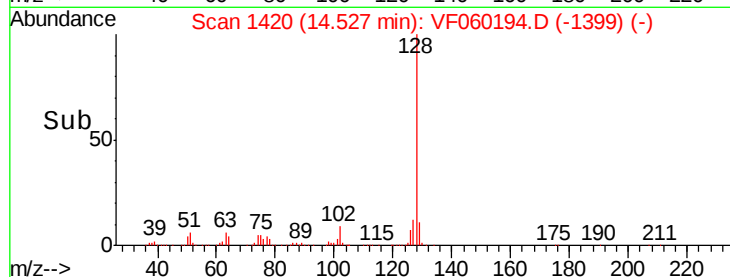
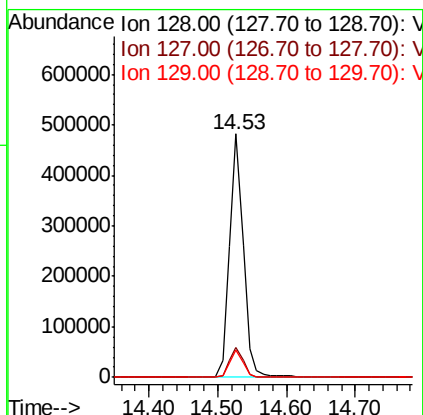
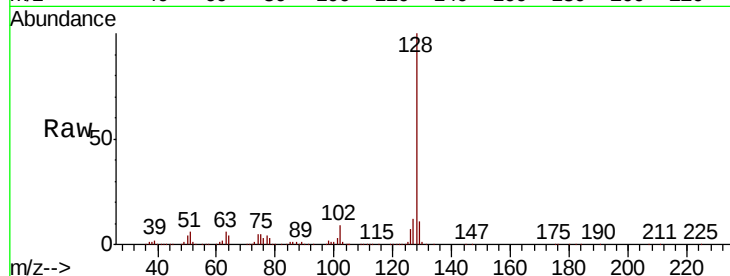




#95
Naphthalene
Concen: 292.579 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. 0.00 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 674197
Ion Ratio Lower Upper
128 100
127 12.3 9.8 14.8
129 11.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 192.211 ug/l
RT: 14.67 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VF060194.D
Acq: 29 Aug 2018 17:25

Tgt Ion:180 Resp: 368124
Ion Ratio Lower Upper
180 100
182 99.4 46.9 140.6
145 32.3 16.4 49.4

