

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060319\
 Data File : VF062834.D
 Acq On : 3 Jun 2019 17:51
 Operator : FY/SY
 Sample : VSTDCCC050EC
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 04 08:53:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	886057	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	1390583	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.92	117	1153670	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	607708	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	328243	53.57	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.14%	
35) Dibromofluoromethane	4.32	113	583701	55.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.10%	
50) Toluene-d8	7.72	98	1470241	55.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	110.66%	
62) 4-Bromofluorobenzene	11.49	95	556219	58.19	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	116.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	484496	48.168	ug/l	97
3) Chloromethane	1.15	50	446864	48.741	ug/l	98
4) Vinyl Chloride	1.19	62	433423	47.573	ug/l	98
5) Bromomethane	1.40	94	248987	47.921	ug/l	95
6) Chloroethane	1.45	64	167930	49.299	ug/l #	84
7) Trichlorofluoromethane	1.57	101	668645	51.842	ug/l	95
8) Diethyl Ether	1.72	74	118570	46.727	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	1.91	101	405049	49.952	ug/l	99
10) Methyl Iodide	1.99	142	843793	51.898	ug/l	96
11) Tert butyl alcohol	2.70	59	99629	268.414	ug/l #	93
12) 1,1-Dichloroethene	1.87	96	372999	50.657	ug/l	88
13) Acrolein	2.10	56	39346	265.865	ug/l	97
14) Allyl chloride	2.20	41	396483	69.408	ug/l	98
15) Acrylonitrile	3.09	53	309208	221.698	ug/l #	95
16) Acetone	2.36	43	365310	260.496	ug/l	99
17) Carbon Disulfide	1.91	76	1078376	50.109	ug/l	99
18) Methyl Acetate	2.46	43	103387	42.188	ug/l	97
19) Methyl tert-butyl Ether	2.55	73	706449	52.957	ug/l	98
20) Methylene Chloride	2.34	84	213656	29.181	ug/l	99
21) trans-1,2-Dichloroethene	2.43	96	382131	51.760	ug/l	98
22) Diisopropyl ether	2.94	45	800002	49.294	ug/l	94
23) Vinyl Acetate	3.34	43	2824377	254.205	ug/l	98
24) 1,1-Dichloroethane	3.02	63	599061	49.438	ug/l	99
25) 2-Butanone	4.52	43	835746	255.909	ug/l	99
26) 2,2-Dichloropropane	3.79	77	418850	60.877	ug/l	98
27) cis-1,2-Dichloroethene	3.66	96	674122	54.321	ug/l	96
28) Bromochloromethane	3.91	49	337563	51.214	ug/l	96
29) Tetrahydrofuran	4.27	42	346590	277.478	ug/l	96
30) Chloroform	4.06	83	916778	53.682	ug/l	98
31) Cyclohexane	3.88	56	806736	49.175	ug/l	96
32) 1,1,1-Trichloroethane	4.30	97	599692	60.312	ug/l	97
36) 1,1-Dichloropropene	4.49	75	718719	56.143	ug/l	99
37) Ethyl Acetate	4.31	43	284792	58.197	ug/l #	84
38) Carbon Tetrachloride	4.19	117	532924	61.597	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	914412	57.392	ug/l	97
40) Benzene	4.83	78	2089743	56.089	ug/l	99
41) Methacrylonitrile	4.94	41	168708	62.015	ug/l	94
42) 1,2-Dichloroethane	5.14	62	418992	59.129	ug/l	91
43) Isopropyl Acetate	7.12	43	396621	61.354	ug/l #	99
44) Trichloroethene	5.69	130	592684	56.366	ug/l	96
45) 1,2-Dichloropropane	6.41	63	526138	56.274	ug/l	96
46) Dibromomethane	6.27	93	301896	55.306	ug/l	91
47) Bromodichloromethane	6.56	83	652215	58.668	ug/l	95
48) Methyl methacrylate	6.88	41	203456	61.069	ug/l	99
49) 1,4-Dioxane	6.88	88	47767	1087.744	ug/l #	93
51) 4-Methyl-2-Pentanone	8.41	43	1353833	293.339	ug/l	99
52) Toluene	7.79	92	1143043	56.961	ug/l	100
53) t-1,3-Dichloropropene	8.43	75	534289	57.999	ug/l	94
54) cis-1,3-Dichloropropene	7.46	75	743085	55.726	ug/l	98
55) 1,1,2-Trichloroethane	8.64	97	360859	60.193	ug/l	97
56) Ethyl methacrylate	8.75	69	411953	64.042	ug/l	96
57) 1,3-Dichloropropane	9.00	76	586372	59.895	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.45	63	594008	264.228	ug/l	100
59) 2-Hexanone	9.62	43	989698	300.856	ug/l	97
60) Dibromochloromethane	8.86	129	461315	62.153	ug/l	99
61) 1,2-Dibromoethane	9.13	107	374396	60.132	ug/l	98
64) Tetrachloroethene	8.31	164	439252	49.548	ug/l	97
65) Chlorobenzene	9.94	112	1180715	52.996	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.06	131	462171	52.088	ug/l	98
67) Ethyl Benzene	10.04	91	1984308	51.902	ug/l	98
68) m/p-Xylenes	10.26	106	1531037	104.650	ug/l	99
69) o-Xylene	10.82	106	799831	53.997	ug/l	96
70) Styrene	10.89	104	1222163	55.979	ug/l	99
71) Bromoform	10.88	173	258963	60.840	ug/l #	97
73) Isopropylbenzene	11.22	105	2070014	48.817	ug/l	99
74) N-amyl acetate	11.44	43	583389	48.815	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.77	83	467692	51.648	ug/l	96
76) 1,2,3-Trichloropropane	11.87	75	303578	50.576	ug/l	94
77) Bromobenzene	11.58	156	529428	49.692	ug/l	94
78) n-propylbenzene	11.67	91	2418858	47.244	ug/l	98
79) 2-Chlorotoluene	11.80	91	1427759	48.736	ug/l	93
80) 1,3,5-Trimethylbenzene	11.90	105	1610620	46.446	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.94	75	181049	71.245	ug/l	95
82) 4-Chlorotoluene	11.98	91	1392465	48.366	ug/l	99
83) tert-Butylbenzene	12.19	119	1770501	51.527	ug/l	98
84) 1,2,4-Trimethylbenzene	12.27	105	1644742	50.025	ug/l	97
85) sec-Butylbenzene	12.37	105	2245297	49.591	ug/l	97
86) p-Isopropyltoluene	12.52	119	1903781	50.516	ug/l	98
87) 1,3-Dichlorobenzene	12.54	146	957504	50.958	ug/l	98
88) 1,4-Dichlorobenzene	12.63	146	915555	52.211	ug/l	95
89) n-Butylbenzene	12.89	91	1869524	49.315	ug/l	97
90) Hexachloroethane	12.97	117	500890	54.494	ug/l	96
91) 1,2-Dichlorobenzene	12.99	146	856002	51.831	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.68	75	58450	59.247	ug/l	85

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QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

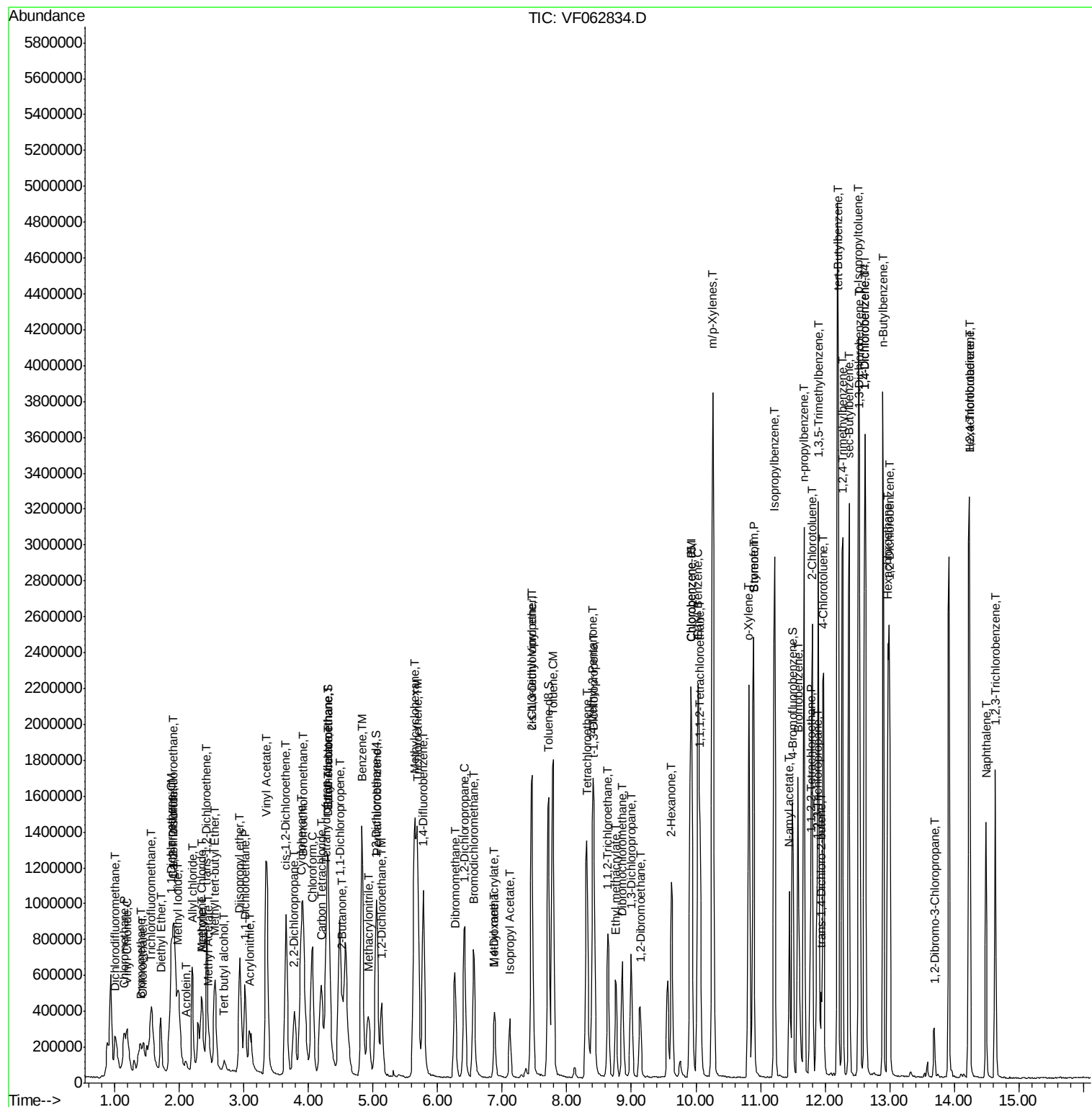
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.23	180	563989	49.736	ug/l	97
94) Hexachlorobutadiene	14.22	225	388459	49.518	ug/l	98
95) Naphthalene	14.49	128	991614	53.377	ug/l	100
96) 1,2,3-Trichlorobenzene	14.64	180	532214	51.416	ug/l	97

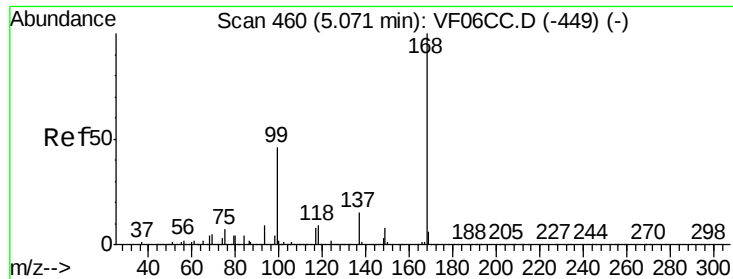
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ClientSampled :

Quant Time: Jun 04 08:53:59 2019
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 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

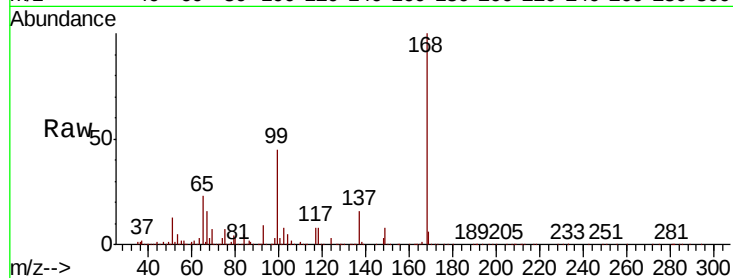
ClientSampleId :

Tot Ion:168 Resp: 886057

Ion Ratio Lower Upper

168 100

99 45.2 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

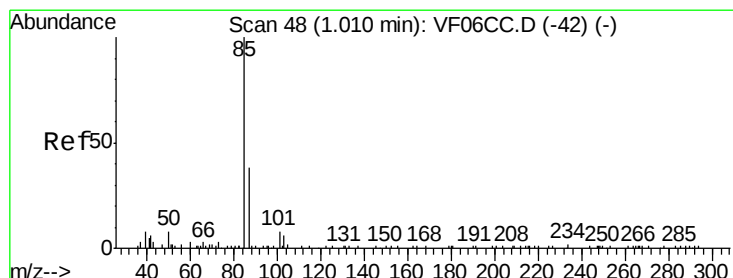
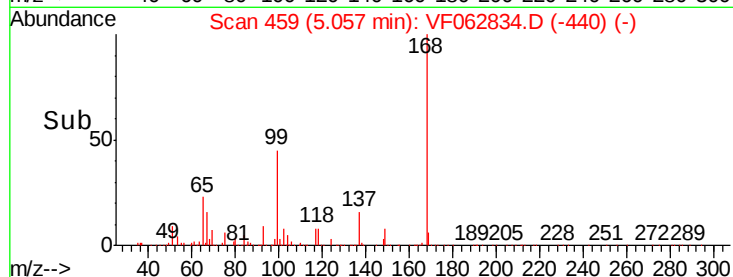
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.168 ug/l

RT: 1.01 min Scan# 48

Delta R.T. -0.01 min

Lab File: VF062834.D

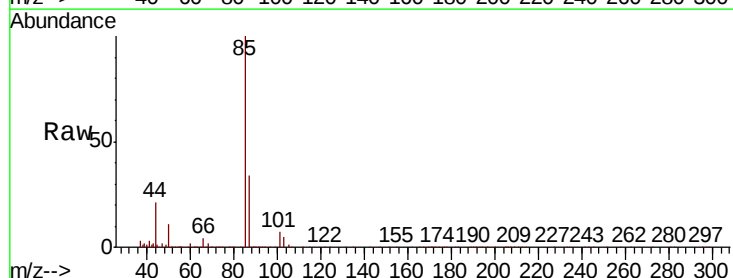
Acq: 3 Jun 2019 17:51

Tgt Ion: 85 Resp: 484496

Ion Ratio Lower Upper

85 100

87 33.8 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

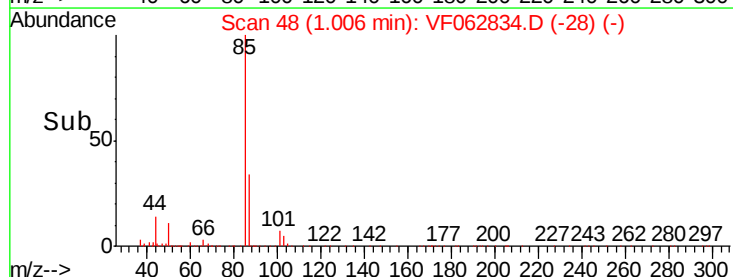
1.01

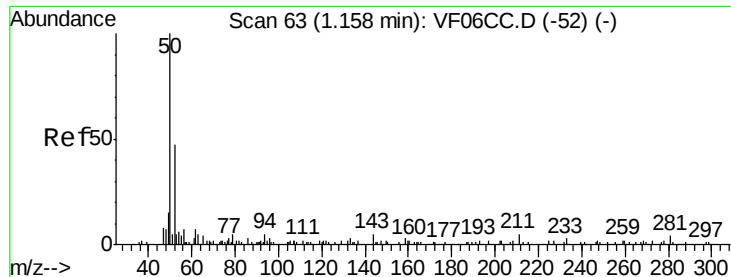
100000

50000

0

Time-->





#3

Chloromethane

Concen: 48.741 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.00 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

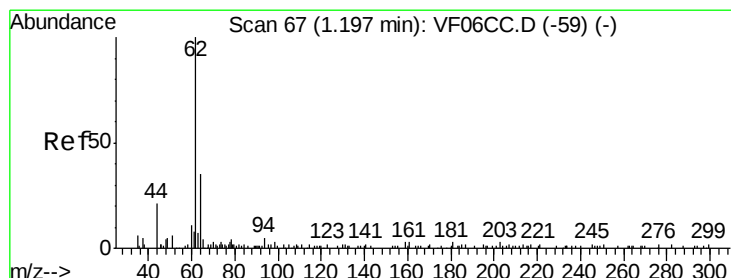
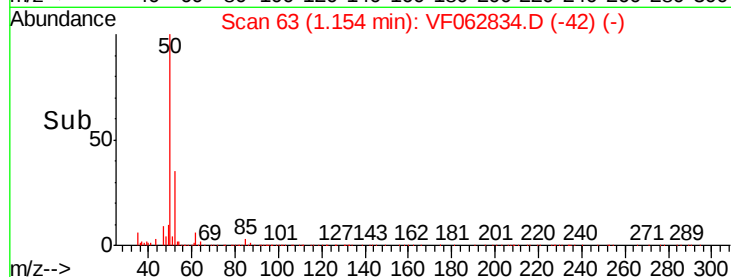
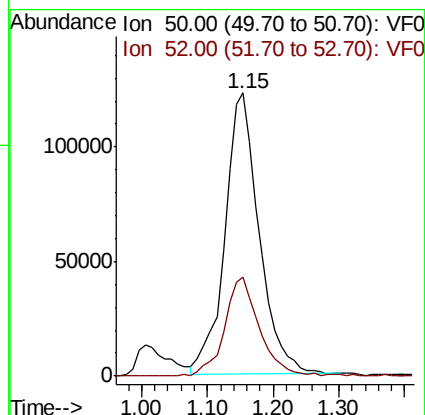
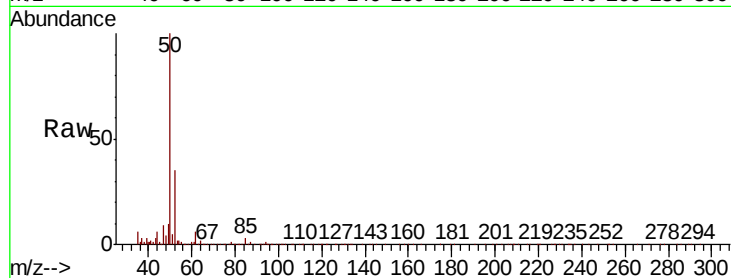
ClientSampleId :

Tot Ion: 50 Resp: 446864

Ion Ratio Lower Upper

50 100

52 35.0 27.0 40.4



#4

Vinyl Chloride

Concen: 47.573 ug/l

RT: 1.19 min Scan# 67

Delta R.T. -0.01 min

Lab File: VF062834.D

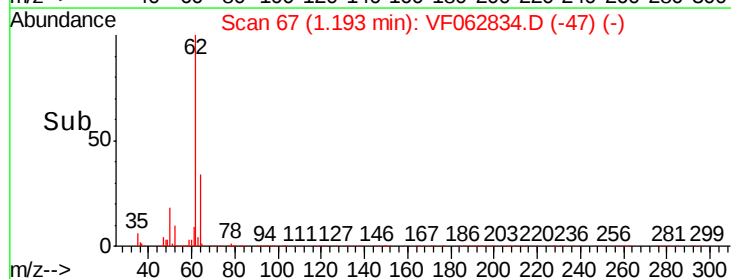
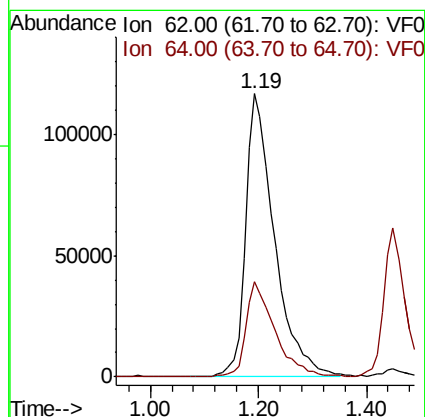
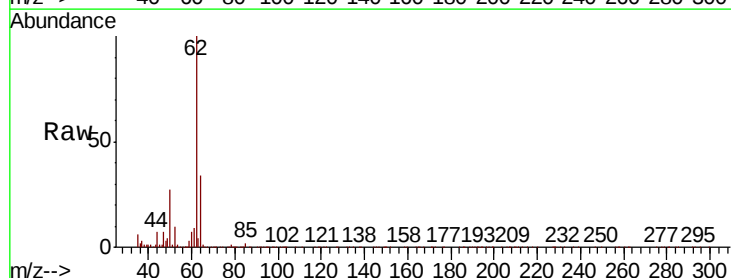
Acq: 3 Jun 2019 17:51

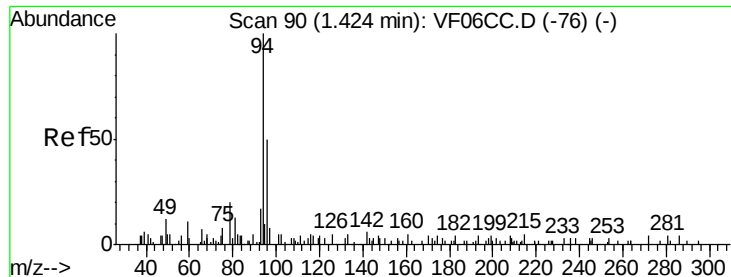
Tgt Ion: 62 Resp: 433423

Ion Ratio Lower Upper

62 100

64 33.6 26.2 39.2





#5

Bromomethane

Concen: 47.921 ug/l

RT: 1.40 min Scan# 88

Delta R.T. -0.01 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

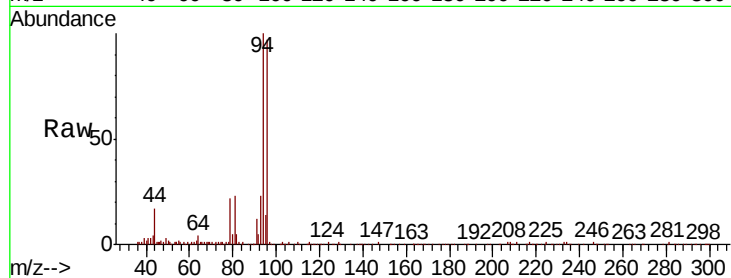
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 94 Resp: 248987

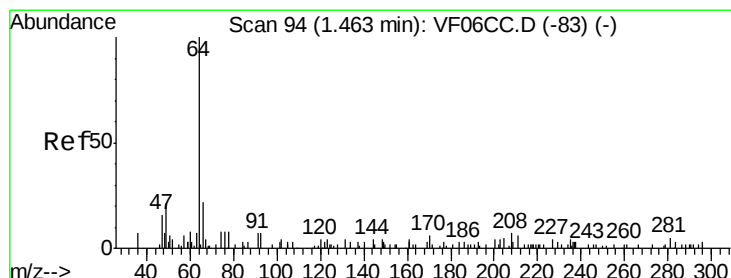
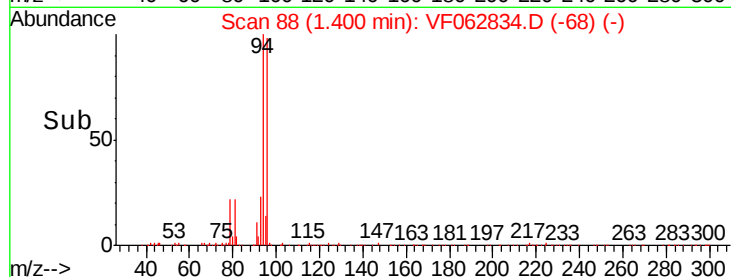
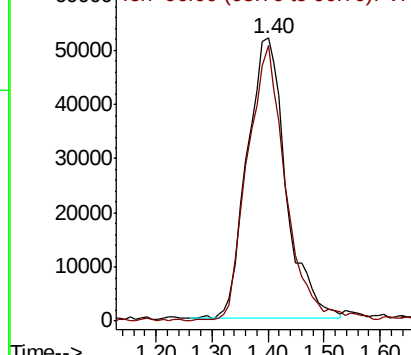
Ion Ratio Lower Upper

94 100

96 97.4 73.8 110.6



Abundance Ion 94.00 (93.70 to 94.70): VF0
Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 49.299 ug/l

RT: 1.45 min Scan# 93

Delta R.T. -0.02 min

Lab File: VF062834.D

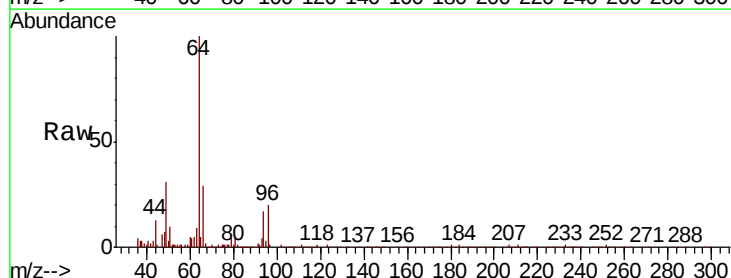
Acq: 3 Jun 2019 17:51

Tgt Ion: 64 Resp: 167930

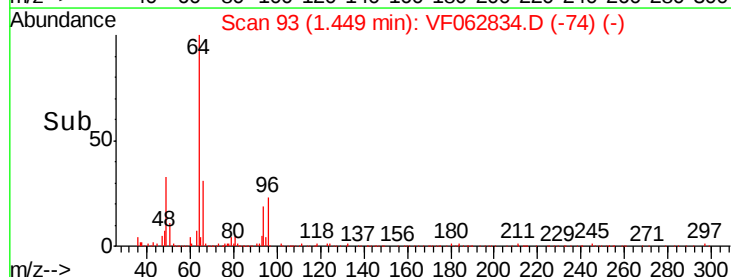
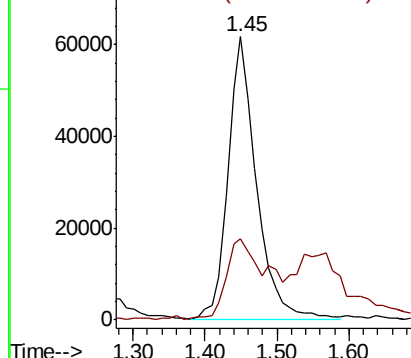
Ion Ratio Lower Upper

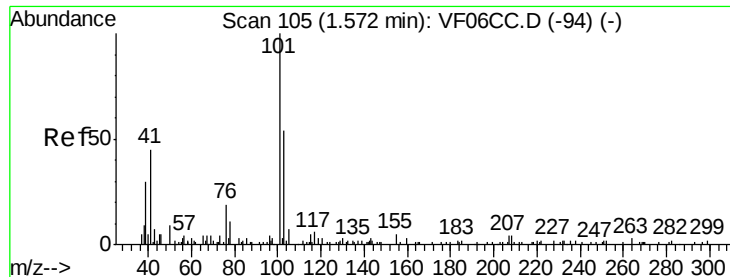
64 100

66 28.9 31.0 46.4#



Abundance Ion 64.00 (63.70 to 64.70): VF0
Ion 66.00 (65.70 to 66.70): VF0



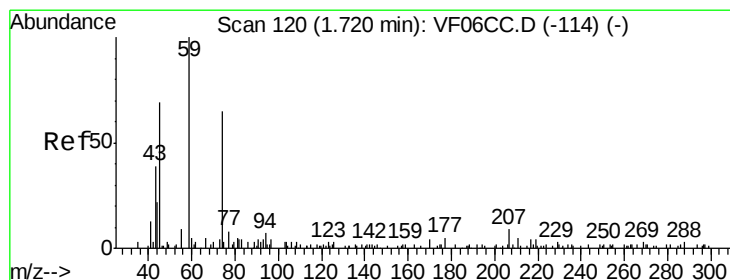
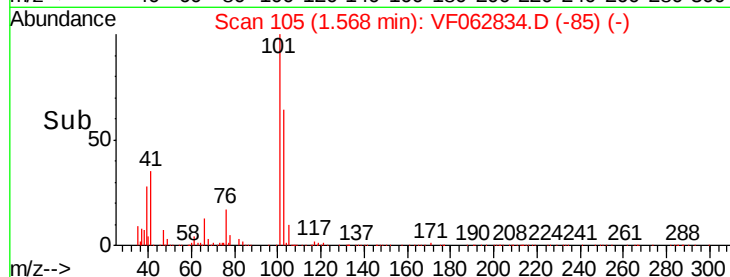
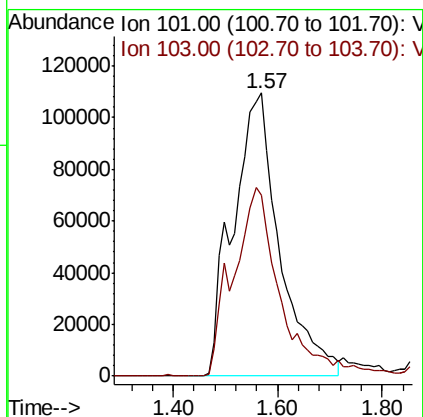
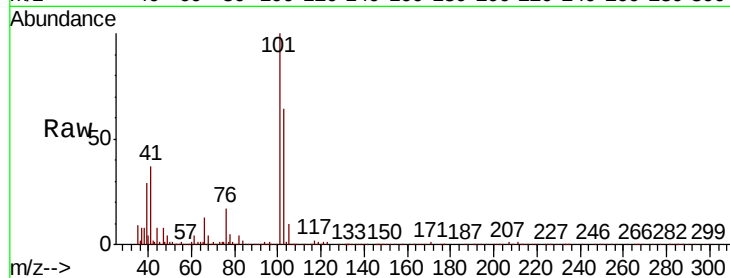


#7

Trichlorofluoromethane
Concen: 51.842 ug/l
RT: 1.57 min Scan# 105
Delta R.T. -0.01 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampled :

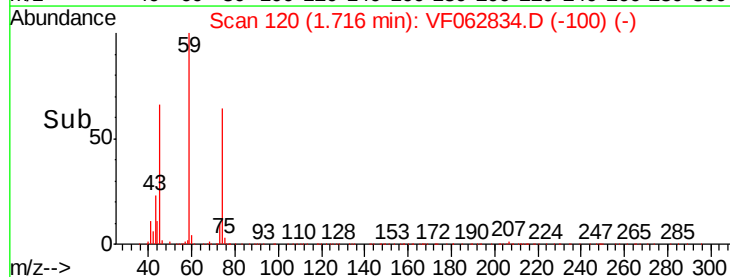
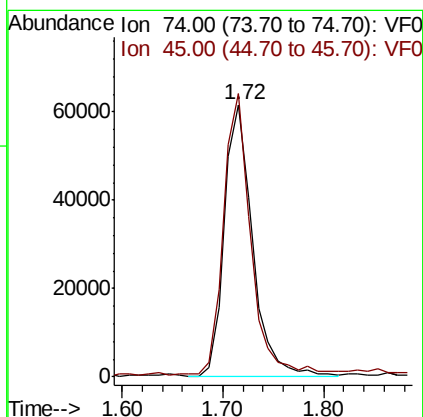
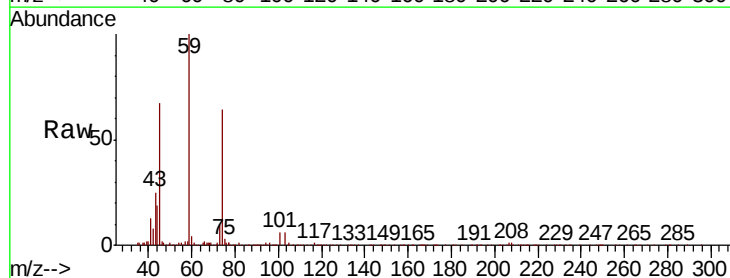
Tot Ion:101 Resp: 668645
Ion Ratio Lower Upper
101 100
103 64.1 54.6 82.0

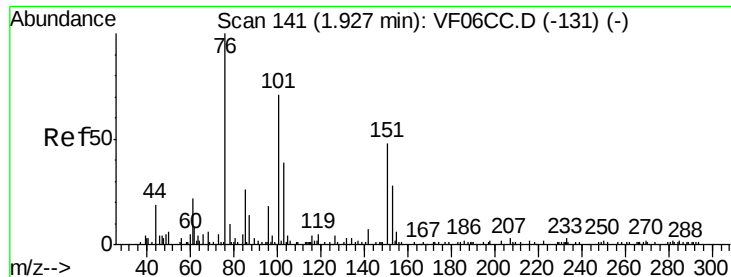


#8

Diethyl Ether
Concen: 46.727 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.01 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion: 74 Resp: 118570
Ion Ratio Lower Upper
74 100
45 104.0 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.952 ug/l

RT: 1.91 min Scan# 140

Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

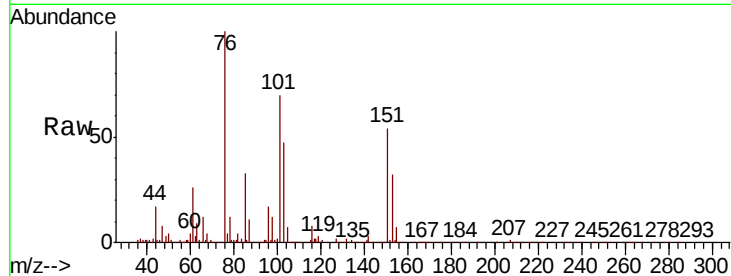
Tot Ion:101 Resp: 405049

Ion Ratio Lower Upper

101 100

85 47.1 37.1 55.7

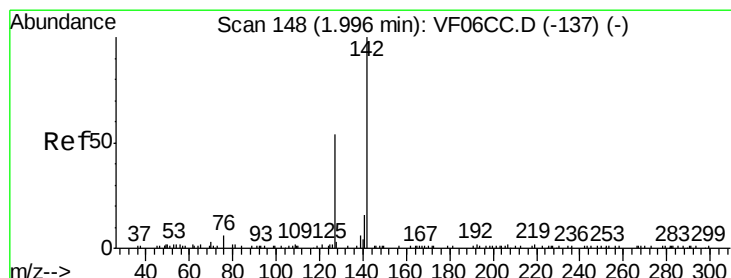
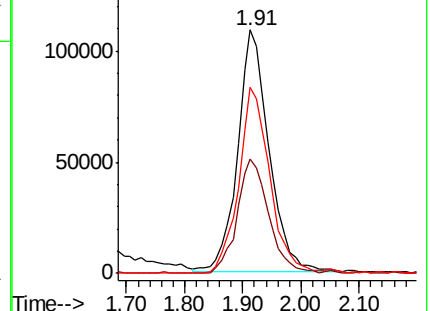
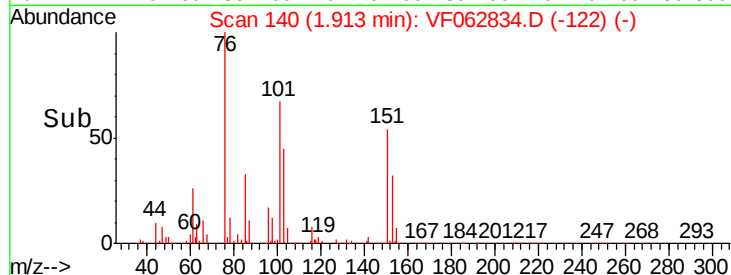
151 76.6 60.3 90.5



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: 51.898 ug/l

RT: 1.99 min Scan# 148

Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

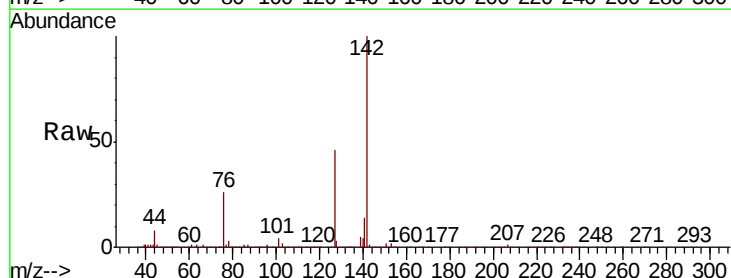
Tgt Ion:142 Resp: 843793

Ion Ratio Lower Upper

142 100

127 46.4 39.4 59.2

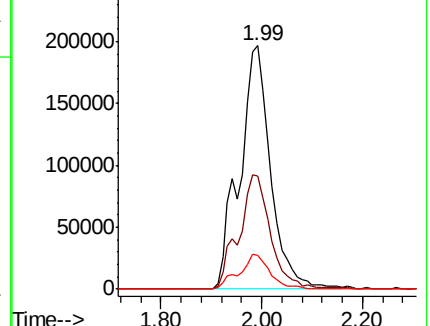
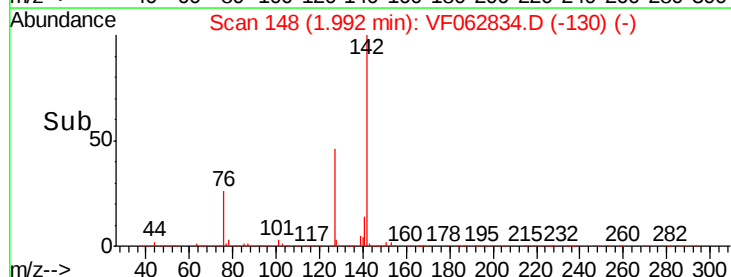
141 13.6 10.6 15.8

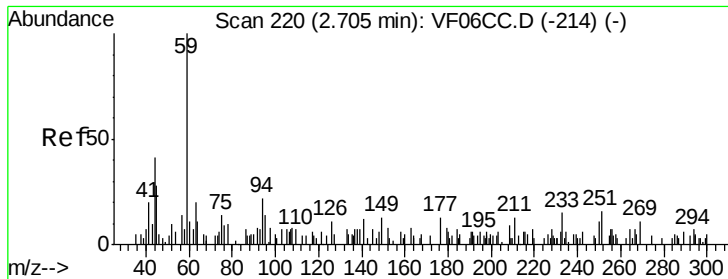


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

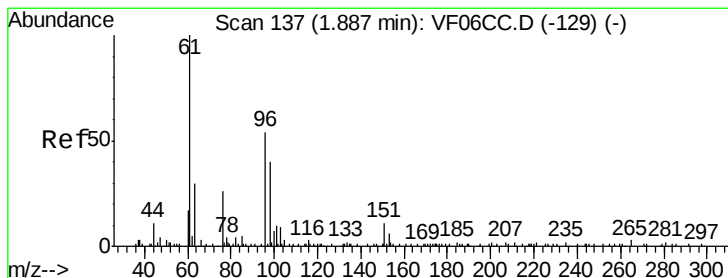
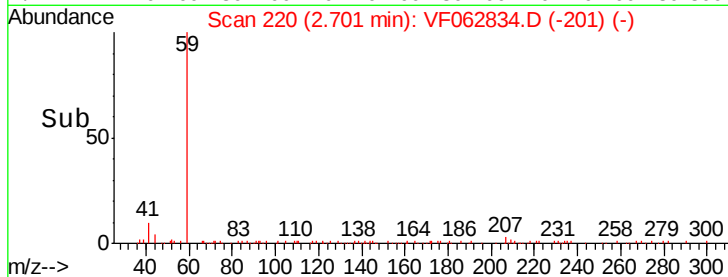
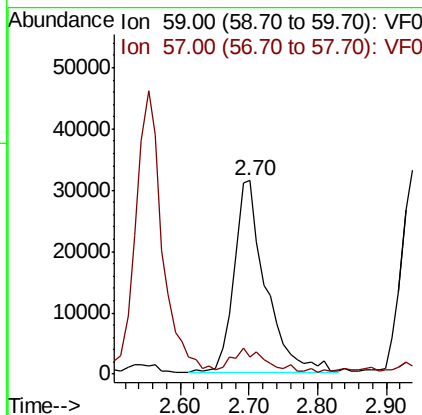
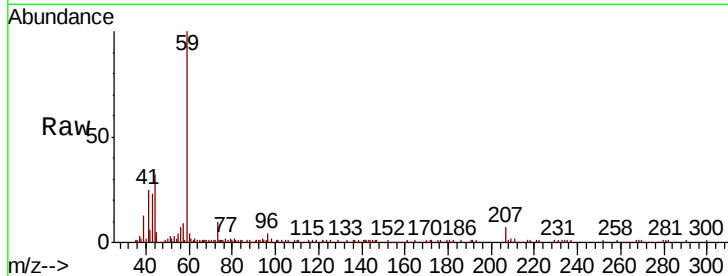




#11
Tert butyl alcohol
Concen: 268.414 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

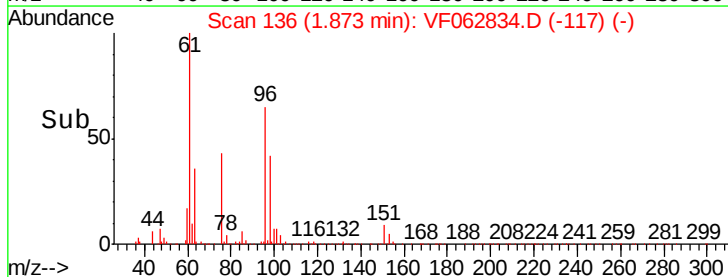
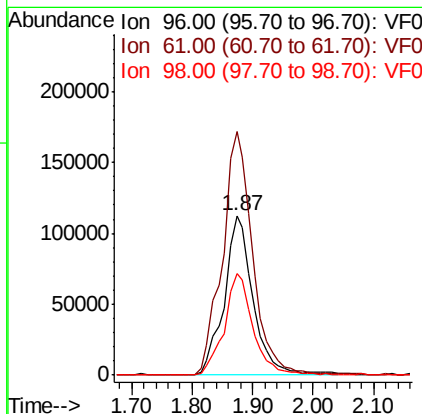
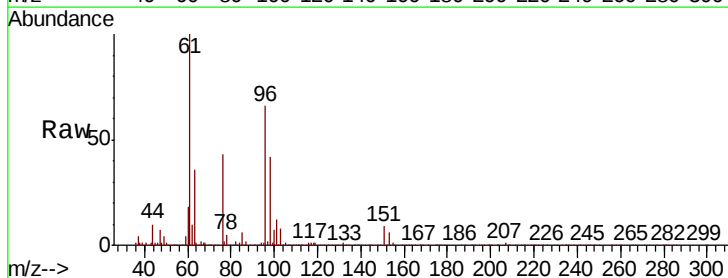
Instrument :
MSVOA_F
ClientSampleId :

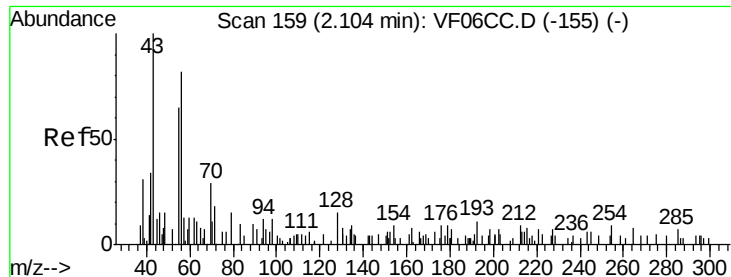
Tot Ion: 59 Resp: 99629
Ion Ratio Lower Upper
59 100
57 8.8 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 50.657 ug/l
RT: 1.87 min Scan# 136
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion: 96 Resp: 372999
Ion Ratio Lower Upper
96 100
61 152.7 139.4 209.2
98 63.4 50.3 75.5

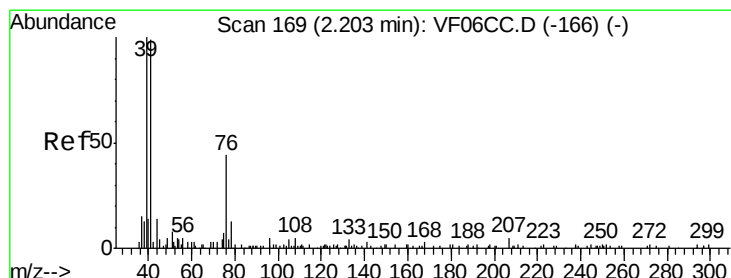
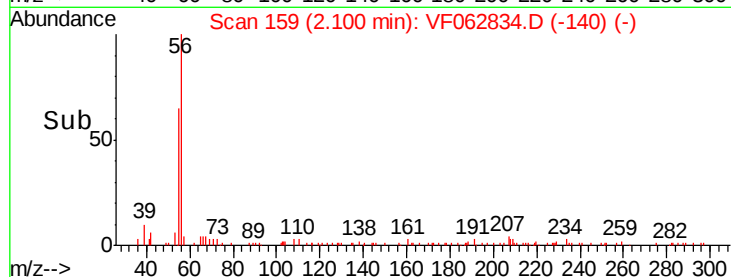
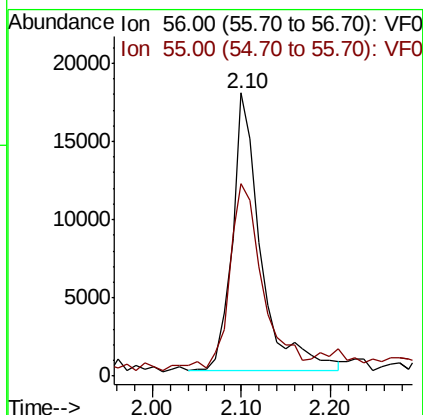
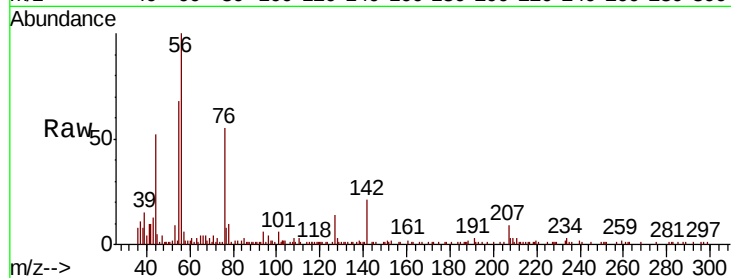




#13
Acrolein
Concen: 265.865 ug/l
RT: 2.10 min Scan# 159
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

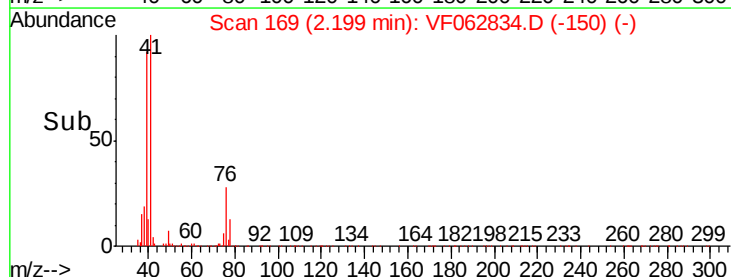
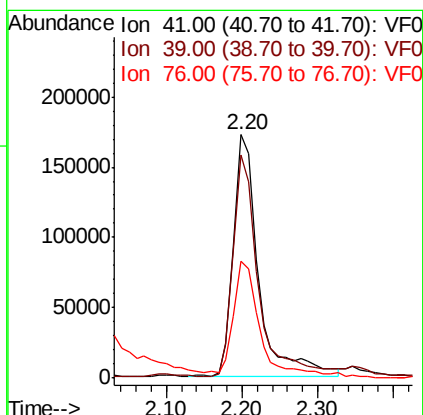
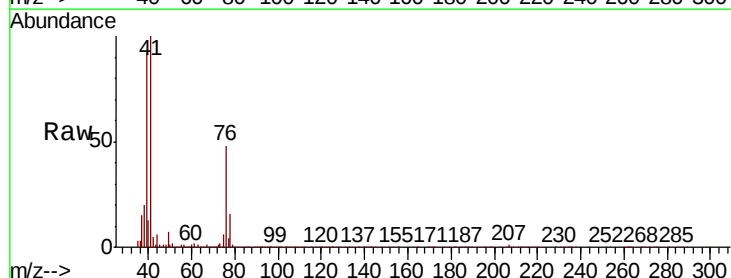
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 39346
Ion Ratio Lower Upper
56 100
55 68.2 52.9 79.3



#14
Allyl chloride
Concen: 69.408 ug/l
RT: 2.20 min Scan# 169
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion: 41 Resp: 396483
Ion Ratio Lower Upper
41 100
39 91.8 71.9 107.9
76 48.1 39.6 59.4

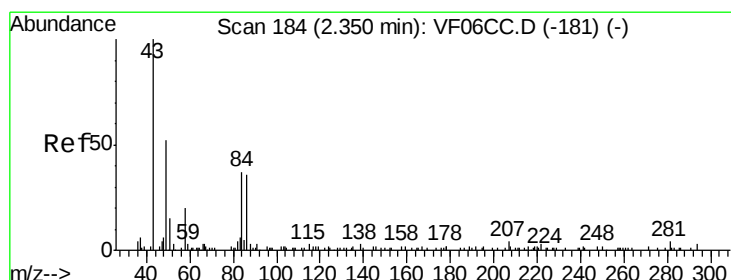
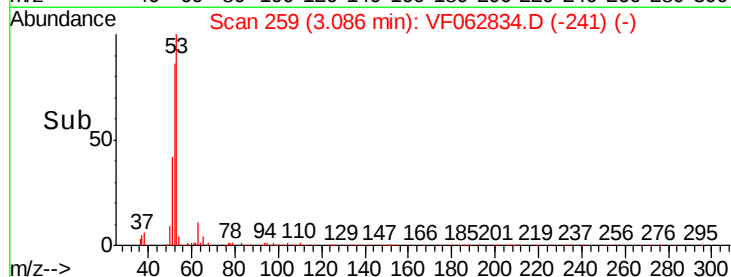
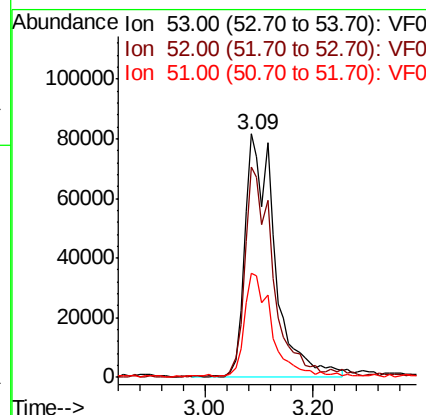
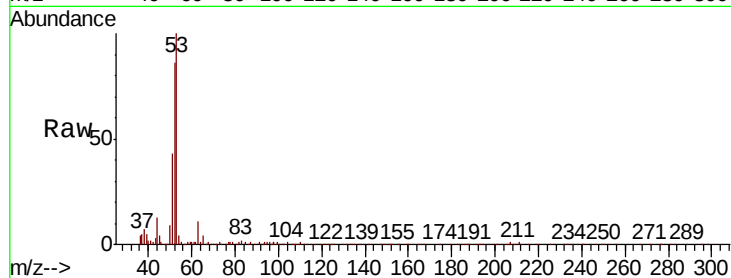




#15
 Acrylonitrile
 Concen: 221.698 ug/l
 RT: 3.09 min Scan# 259
 Delta R.T. -0.03 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

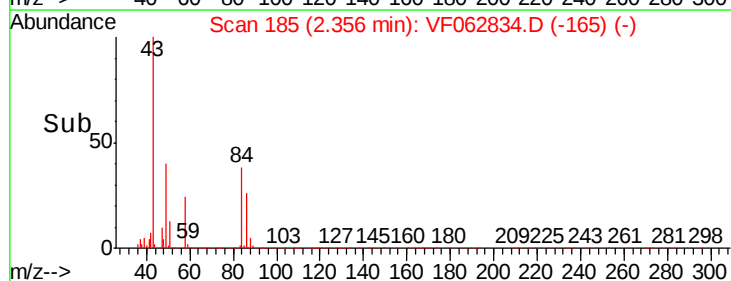
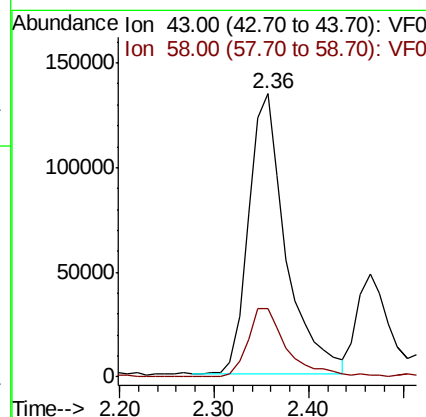
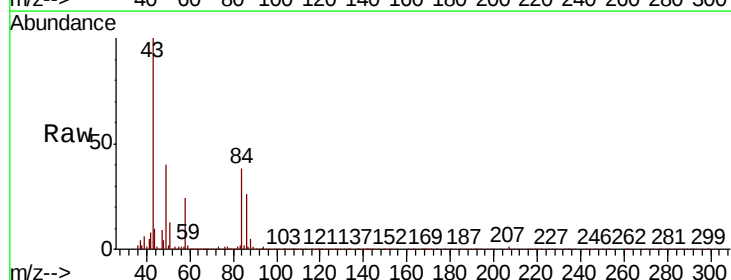
Instrument :
 MSVOA_F
 ClientSampled :

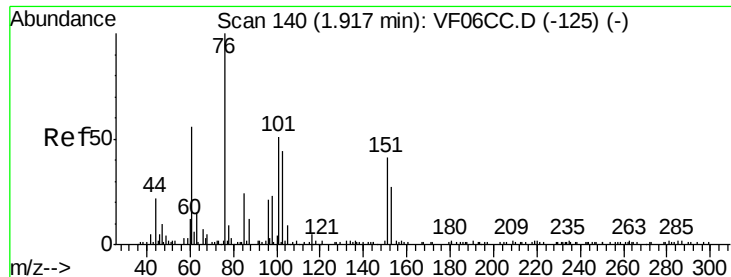
Tot Ion: 53 Resp: 309208
 Ion Ratio Lower Upper
 53 100
 52 86.2 68.1 102.1
 51 42.7 27.7 41.5#



#16
 Acetone
 Concen: 260.496 ug/l
 RT: 2.36 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion: 43 Resp: 365310
 Ion Ratio Lower Upper
 43 100
 58 24.0 19.0 28.4

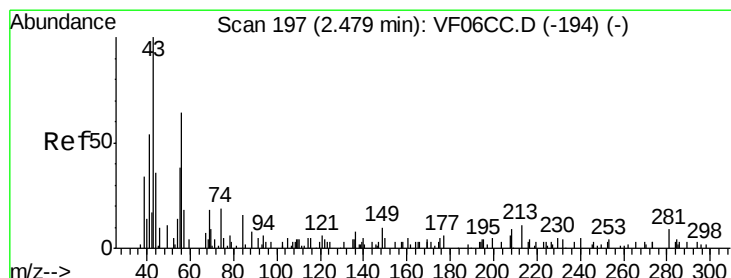
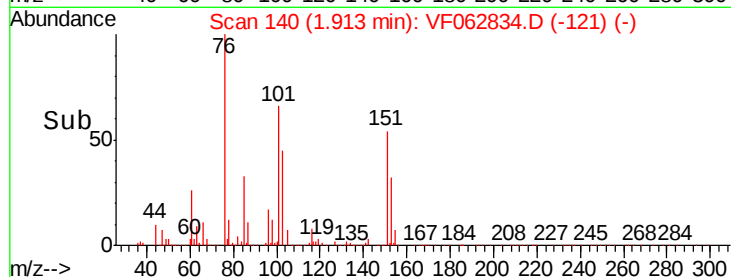
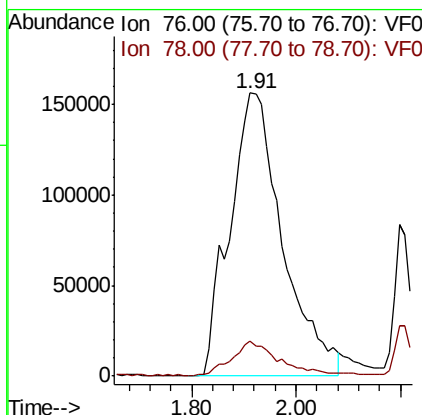
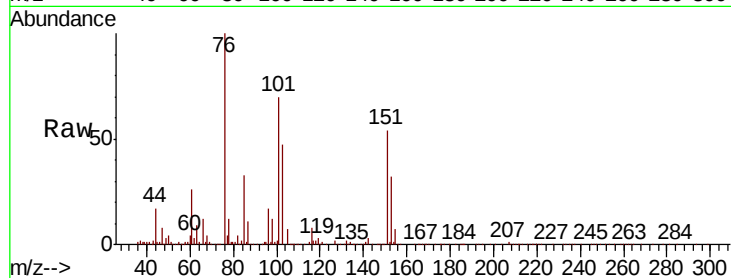




#17
Carbon Disulfide
Concen: 50.109 ug/l
RT: 1.91 min Scan# 140
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

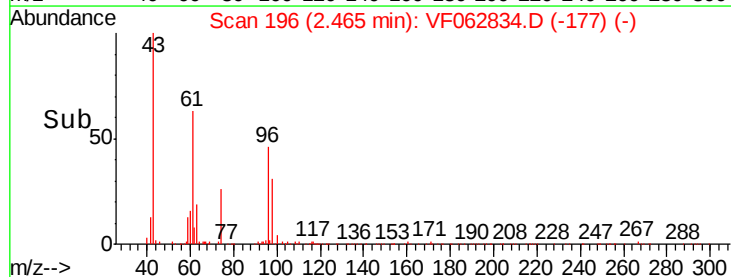
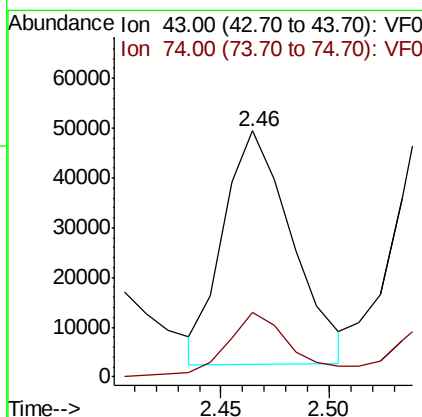
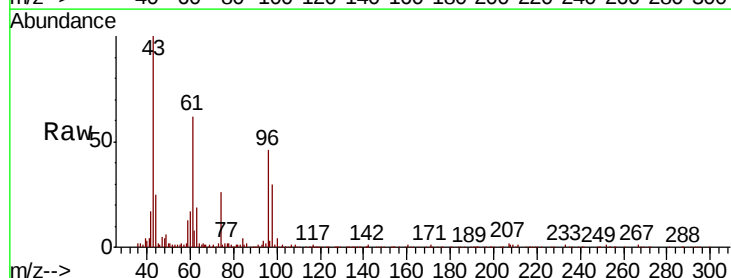
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 76 Resp: 1078376
Ion Ratio Lower Upper
76 100
78 12.4 9.4 14.2



#18
Methyl Acetate
Concen: 42.188 ug/l
RT: 2.46 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion: 43 Resp: 103387
Ion Ratio Lower Upper
43 100
74 26.0 22.1 33.1



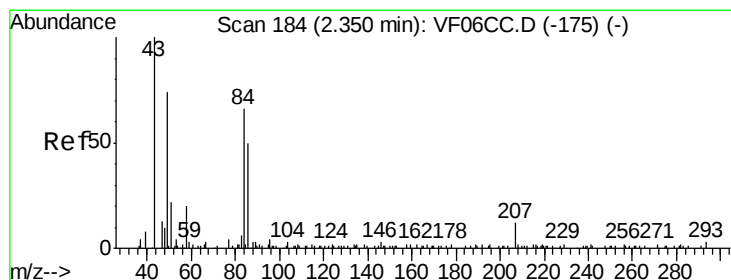
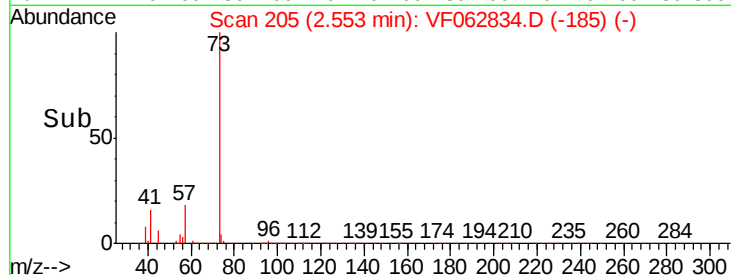
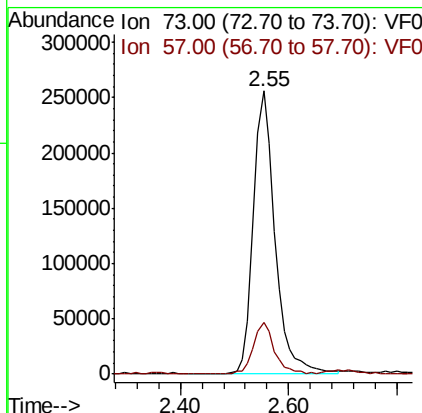
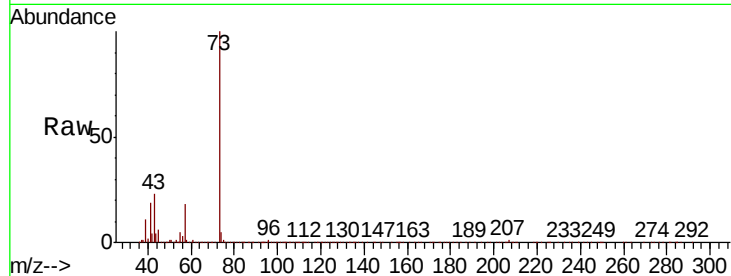


#19

Methyl tert-butyl Ether
 Concen: 52.957 ug/l
 RT: 2.55 min Scan# 205
 Delta R.T. -0.01 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Instrument :
 MSVOA_F
 ClientSampled :

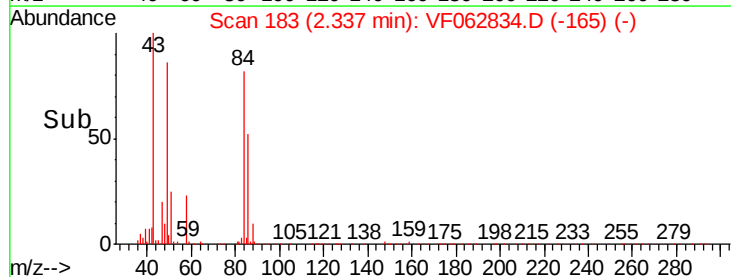
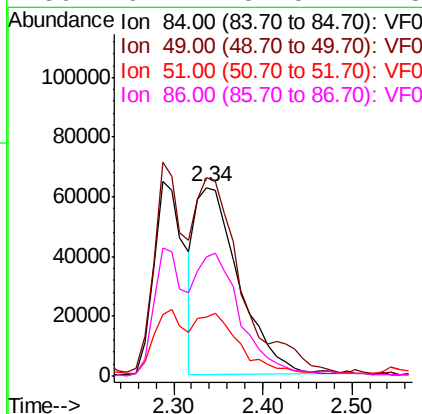
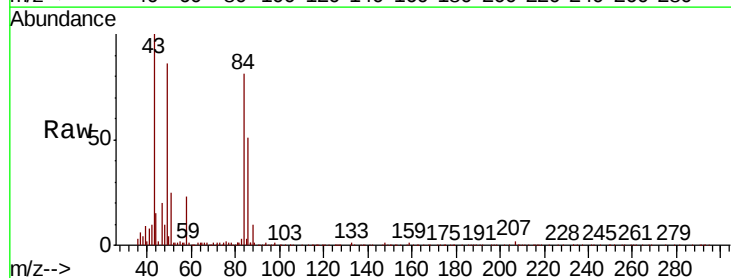
Tot Ion: 73 Resp: 706449
 Ion Ratio Lower Upper
 73 100
 57 18.0 15.1 22.7

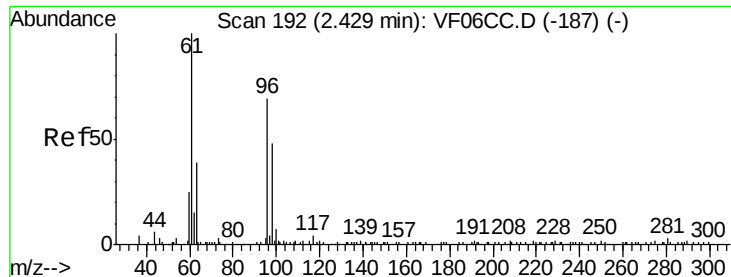


#20

Methylene Chloride
 Concen: 29.181 ug/l
 RT: 2.34 min Scan# 183
 Delta R.T. -0.03 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion: 84 Resp: 213656
 Ion Ratio Lower Upper
 84 100
 49 105.6 82.6 123.8
 51 31.0 25.0 37.4
 86 64.4 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 51.760 ug/l

RT: 2.43 min Scan# 192

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :

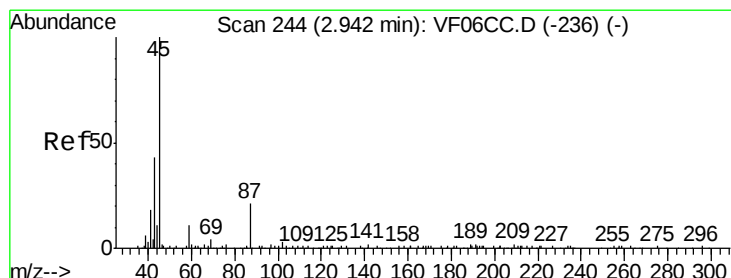
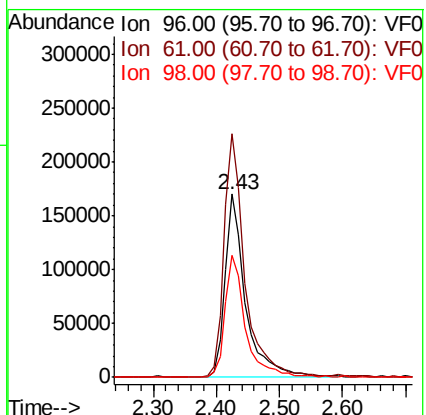
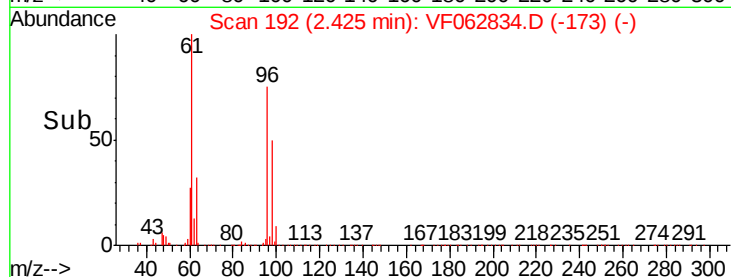
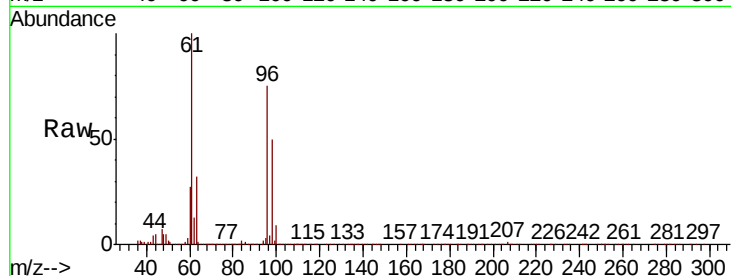
Tot Ion: 96 Resp: 382131

Ion Ratio Lower Upper

96 100

61 132.8 105.0 157.6

98 66.4 51.1 76.7



#22

Diisopropyl ether

Concen: 49.294 ug/l

RT: 2.94 min Scan# 244

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion: 45 Resp: 800002

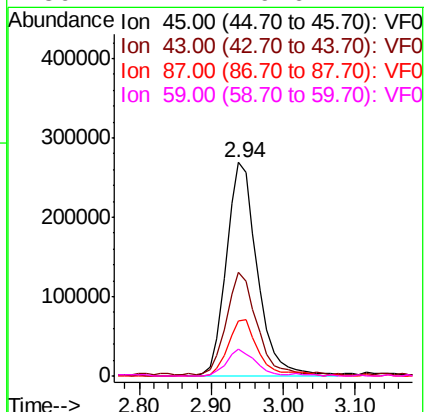
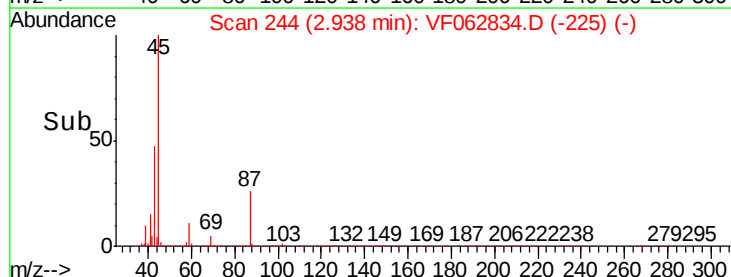
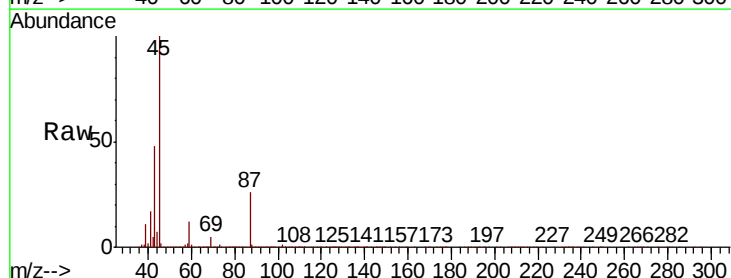
Ion Ratio Lower Upper

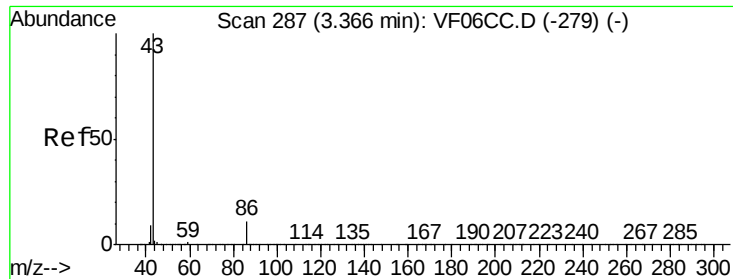
45 100

43 48.3 34.3 51.5

87 25.8 19.0 28.4

59 12.4 9.6 14.4

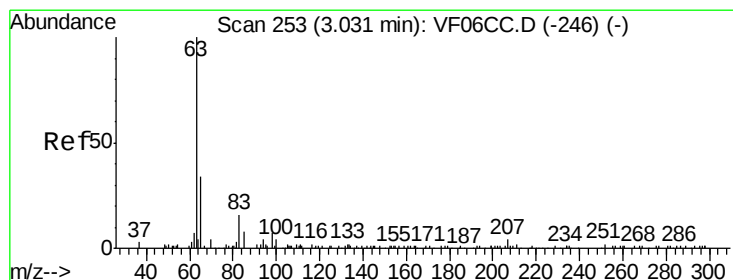
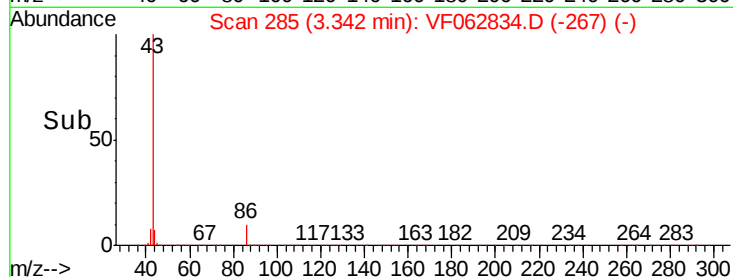
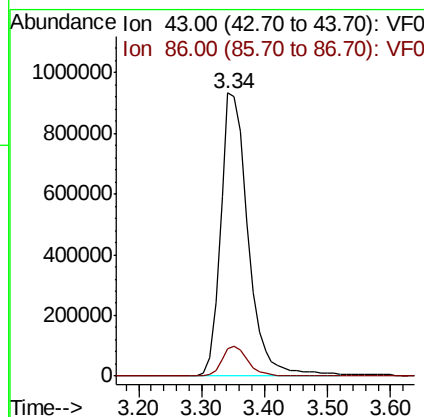
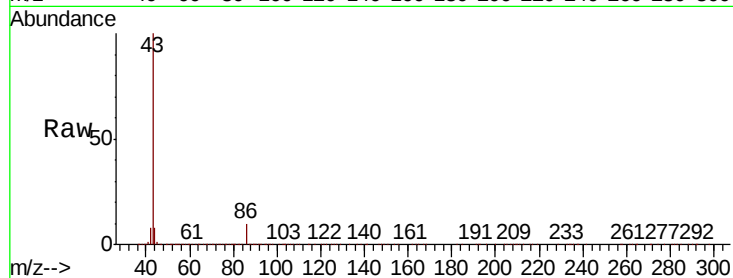




#23
 Vinyl Acetate
 Concen: 254.205 ug/l
 RT: 3.34 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

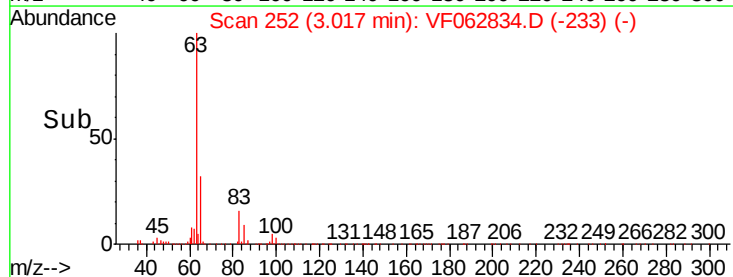
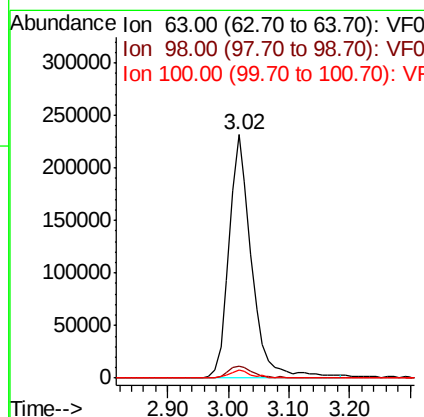
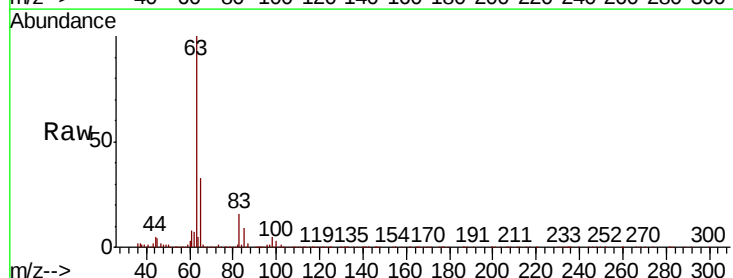
Instrument :
 MSVOA_F
 ClientSampleId :

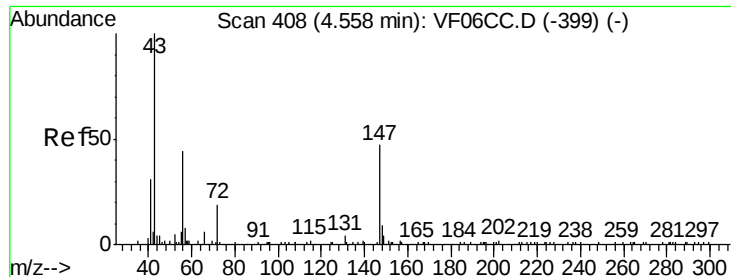
Tot Ion: 43 Resp: 2824377
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 49.438 ug/l
 RT: 3.02 min Scan# 252
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion: 63 Resp: 599061
 Ion Ratio Lower Upper
 63 100
 98 5.2 2.4 7.1
 100 3.4 1.5 4.5

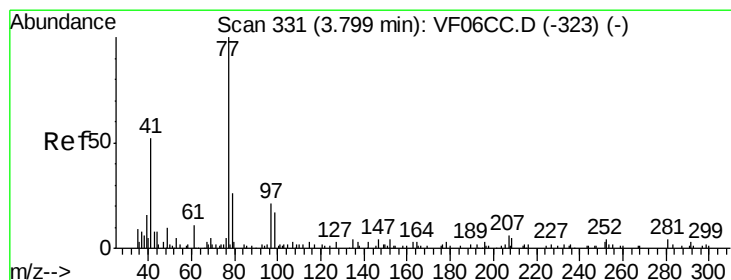
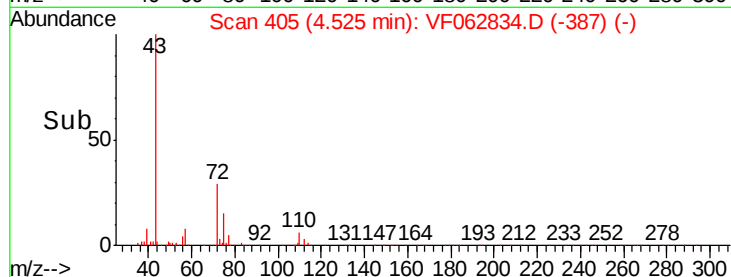
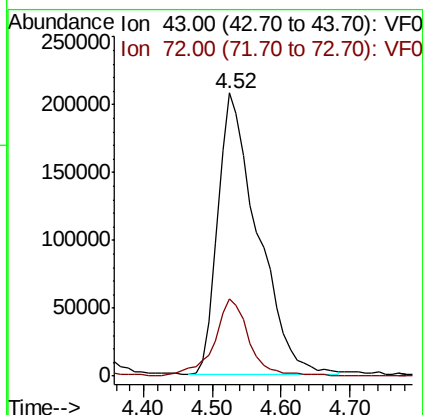
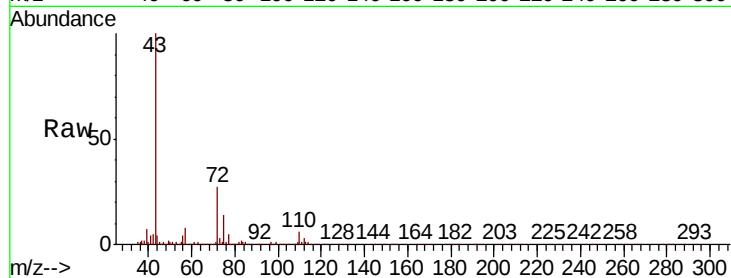




#25
2-Butanone
Concen: 255.909 ug/l
RT: 4.52 min Scan# 405
Delta R.T. -0.03 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

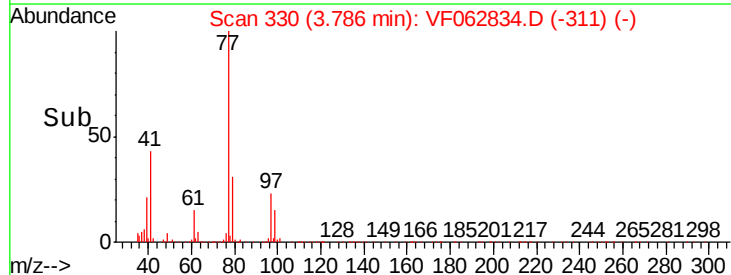
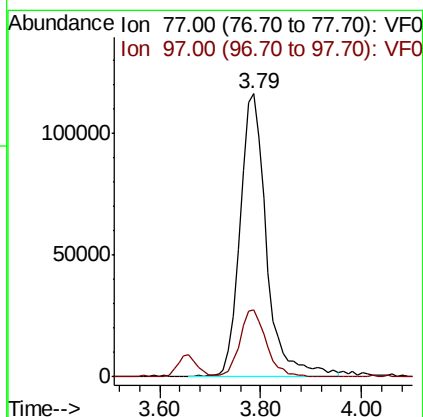
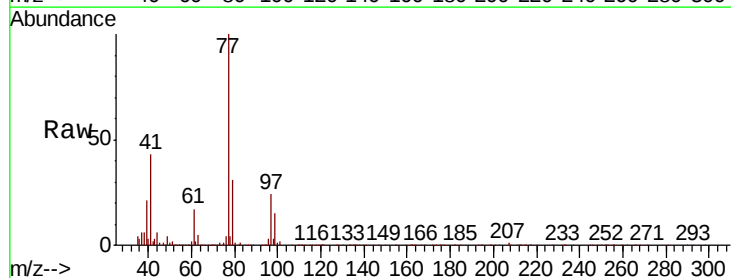
Instrument :
MSVOA_F
ClientSampleId :

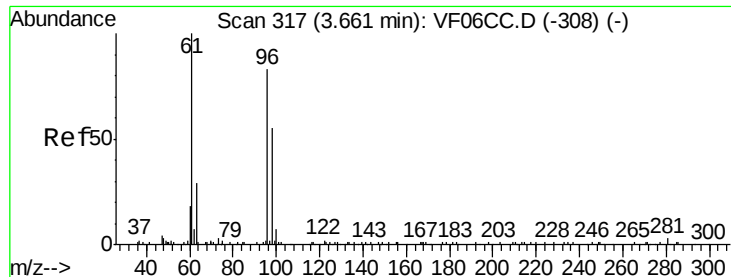
Tot Ion: 43 Resp: 835746
Ion Ratio Lower Upper
43 100
72 27.4 21.4 32.0



#26
2,2-Dichloropropane
Concen: 60.877 ug/l
RT: 3.79 min Scan# 330
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion: 77 Resp: 418850
Ion Ratio Lower Upper
77 100
97 23.7 12.4 37.4



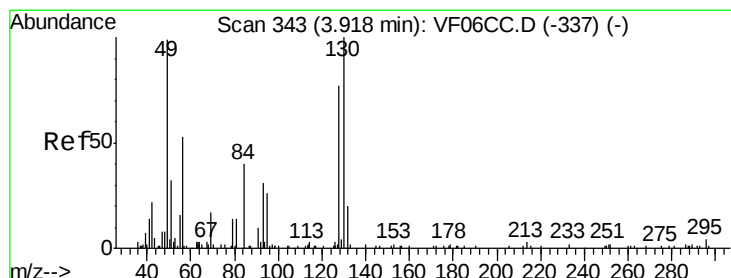
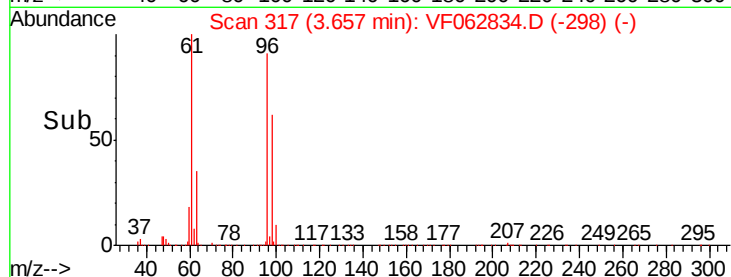
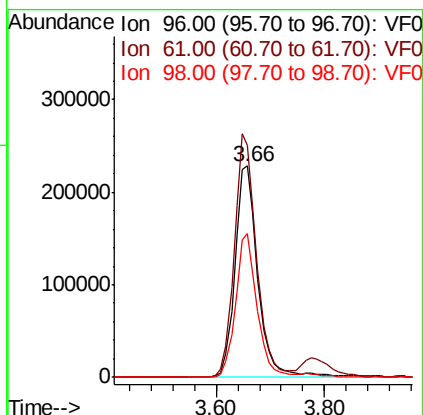
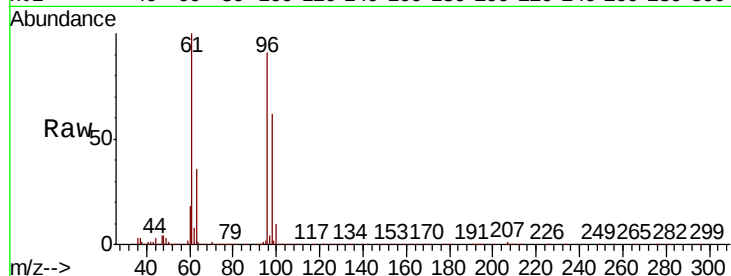


#27

cis-1,2-Dichloroethene
Concen: 54.321 ug/l
RT: 3.66 min Scan# 317
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :

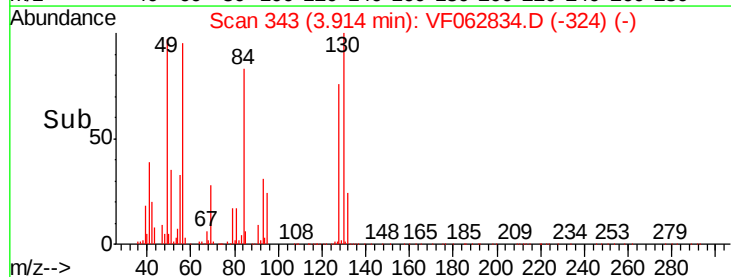
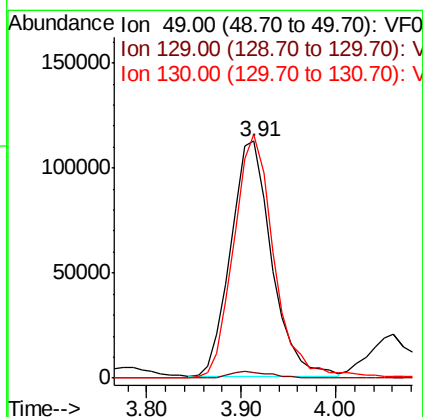
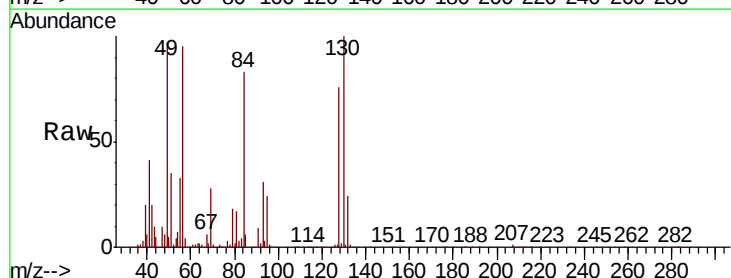
Tot Ion	Ratio	Lower	Upper
96	100		
61	110.0	0.0	213.8
98	68.4	0.0	127.0

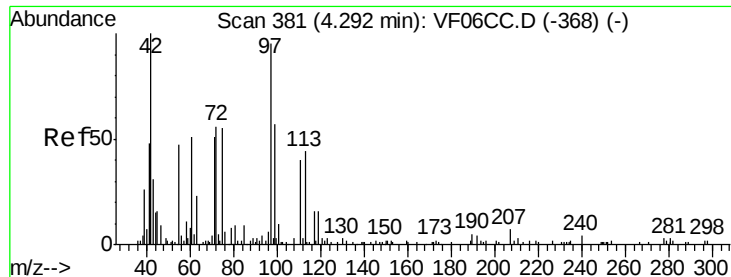


#28

Bromochloromethane
Concen: 51.214 ug/l
RT: 3.91 min Scan# 343
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.4
130	102.8	79.2	118.8

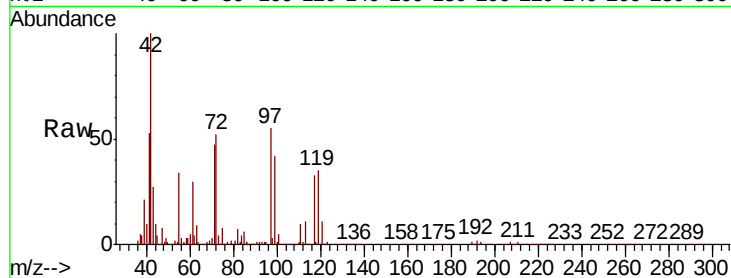




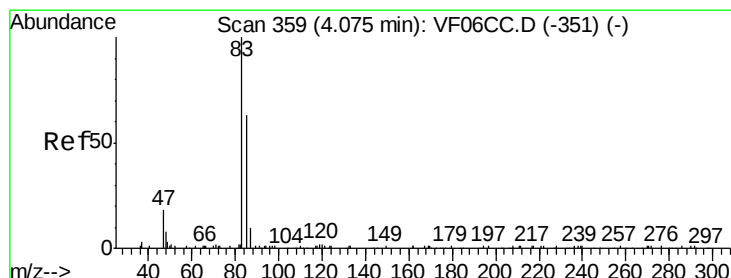
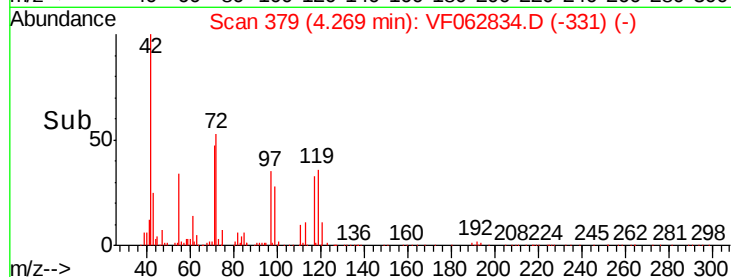
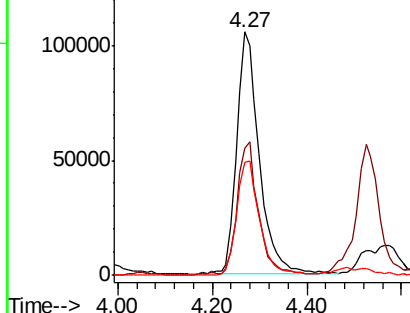
#29
Tetrahydrofuran
Concen: 277.478 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.03 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.6	39.0	58.6
71	48.1	36.9	55.3

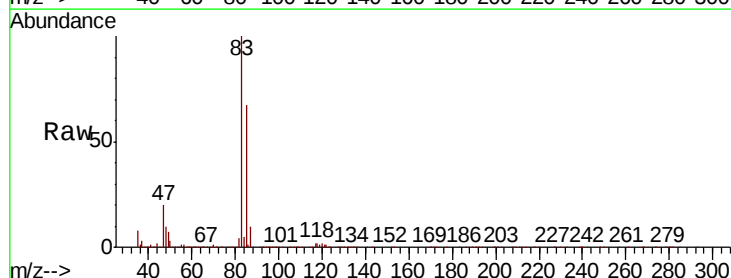


Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0

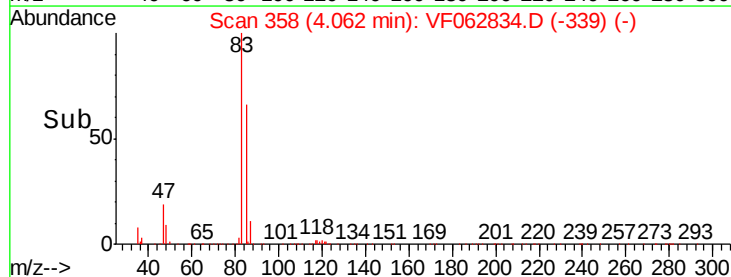
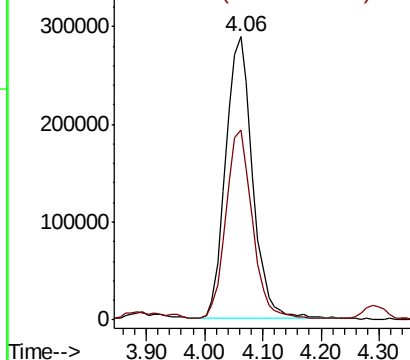


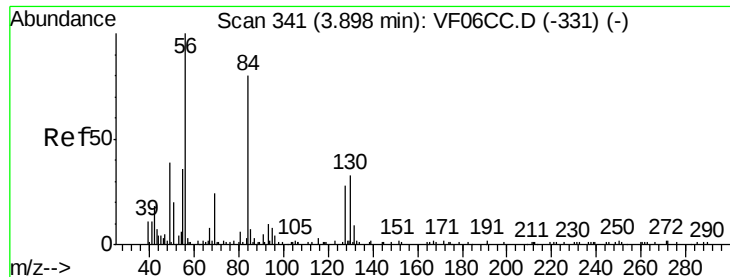
#30
Chloroform
Concen: 53.682 ug/l
RT: 4.06 min Scan# 358
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	55.0	82.6



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0

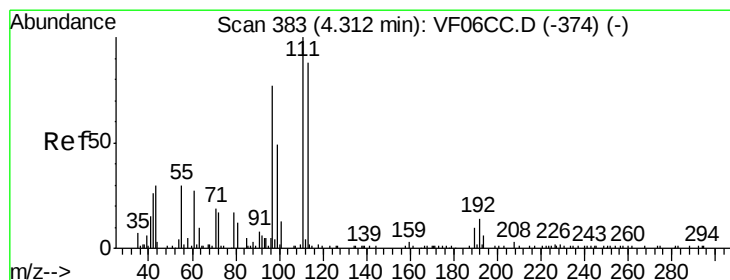
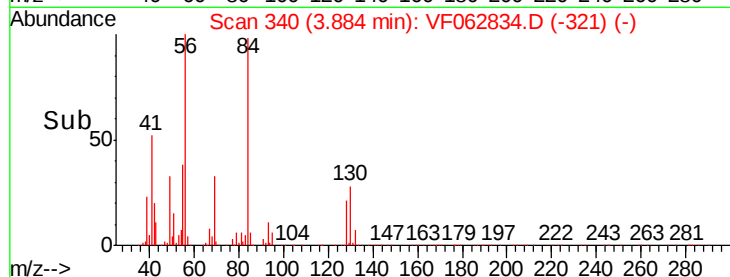
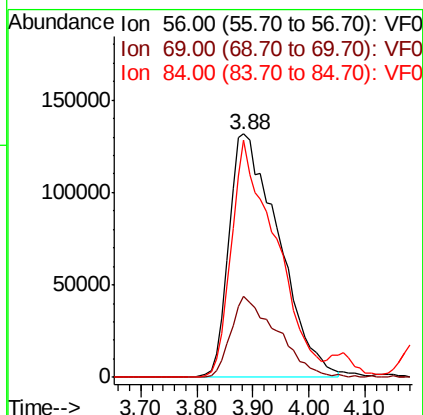
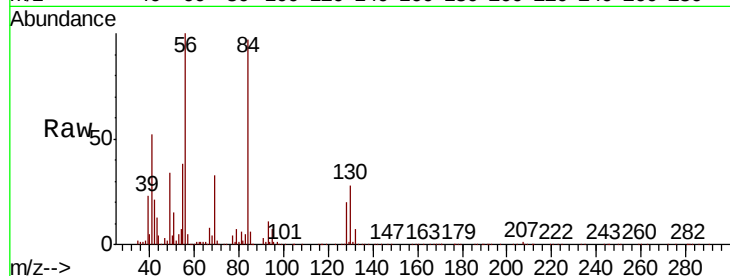




#31
Cyclohexane
Concen: 49.175 ug/l
RT: 3.88 min Scan# 340
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

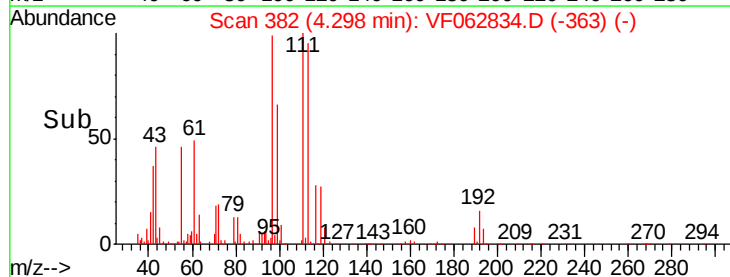
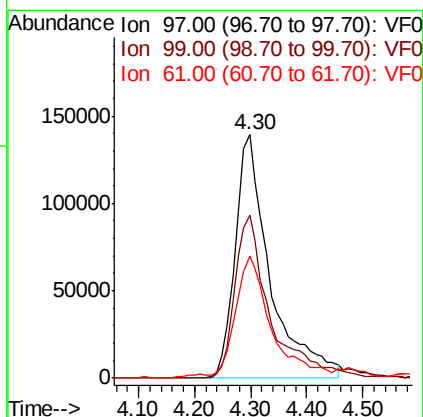
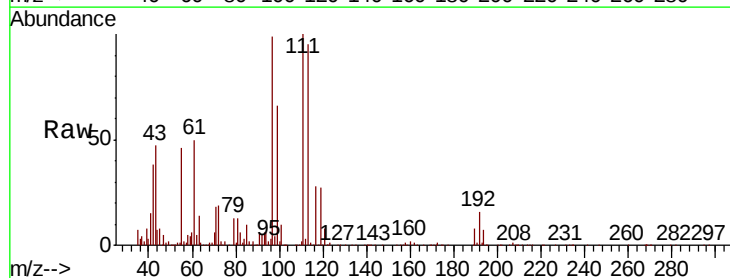
Instrument :
MSVOA_F
ClientSampled :

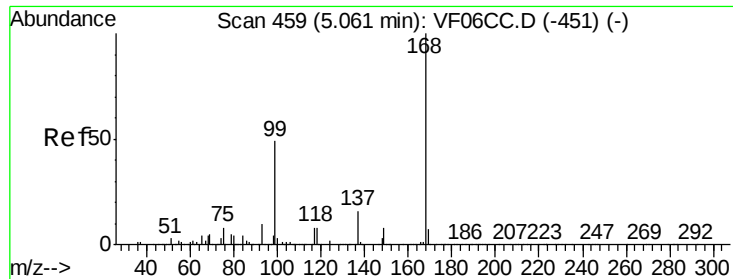
Tot Ion: 56 Resp: 806736
Ion Ratio Lower Upper
56 100
69 33.3 26.7 40.1
84 97.4 74.3 111.5



#32
1,1,1-Trichloroethane
Concen: 60.312 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion: 97 Resp: 599692
Ion Ratio Lower Upper
97 100
99 66.8 51.7 77.5
61 50.1 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 53.572 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

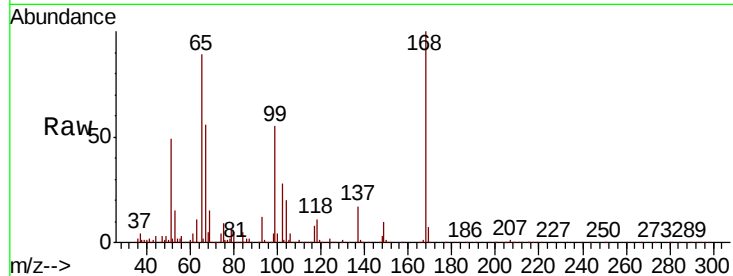
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 65 Resp: 328243

Ion Ratio Lower Upper

65 100

67 63.1 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

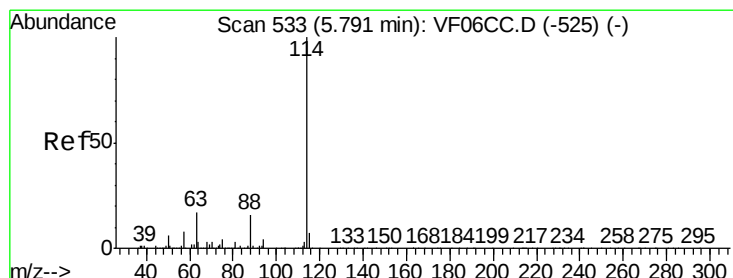
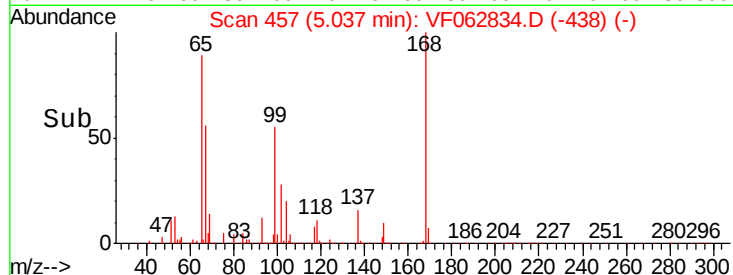
5.04

100000

50000

0

Time--> 4.90 5.00 5.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

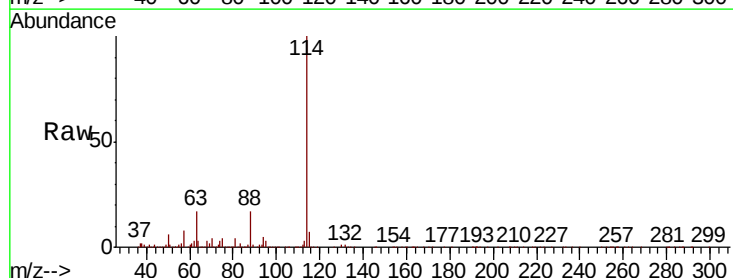
Tgt Ion: 114 Resp: 1390583

Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.2

88 16.6 0.0 31.2



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

600000

500000

400000

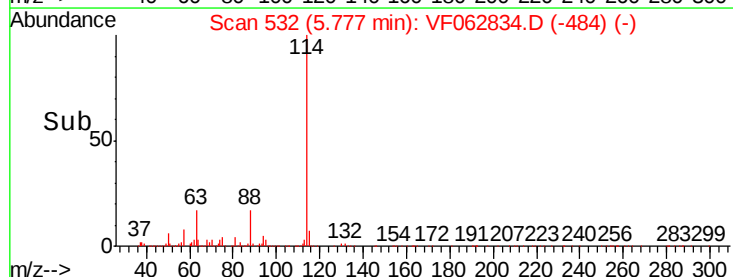
300000

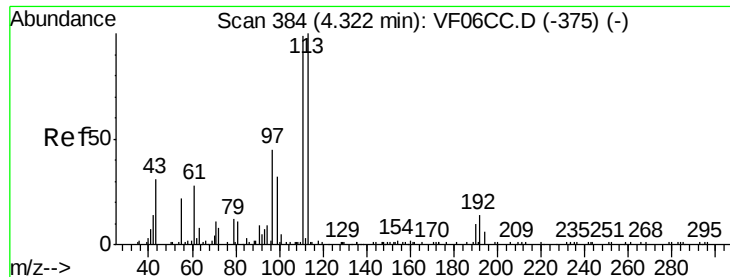
200000

100000

0

Time--> 5.60 5.80 6.00





#35

Dibromofluoromethane

Concen: 55.548 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :

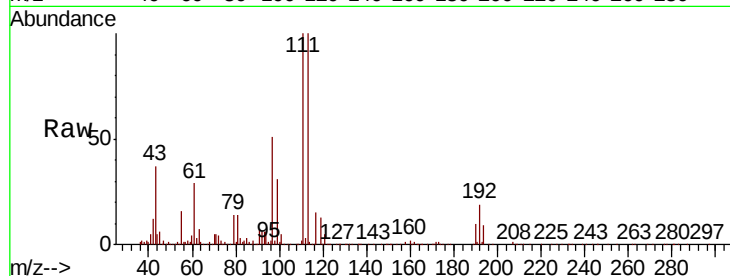
Tot Ion:113 Resp: 583701

Ion Ratio Lower Upper

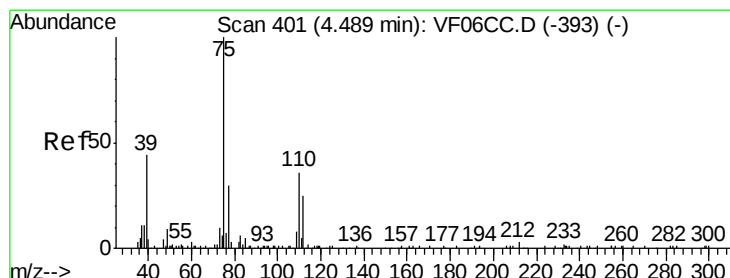
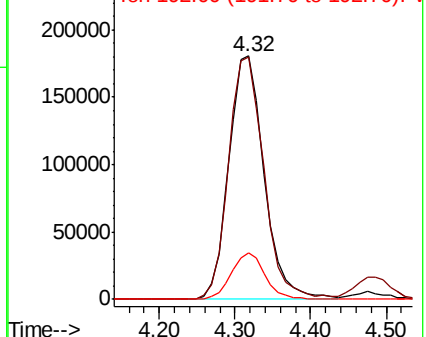
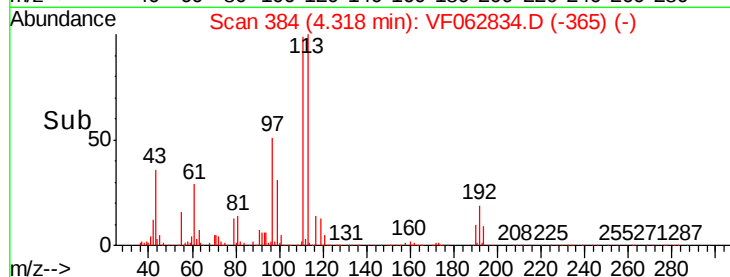
113 100

111 99.6 81.9 122.9

192 19.0 15.1 22.7



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: 56.143 ug/l

RT: 4.49 min Scan# 401

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

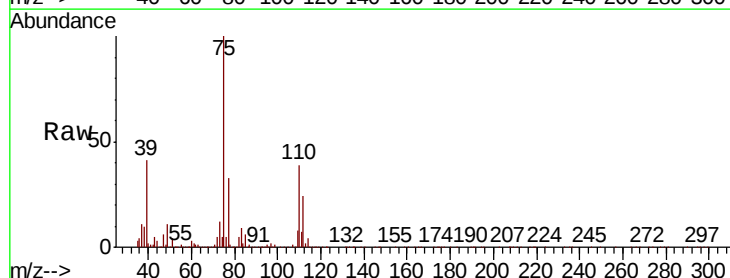
Tgt Ion: 75 Resp: 718719

Ion Ratio Lower Upper

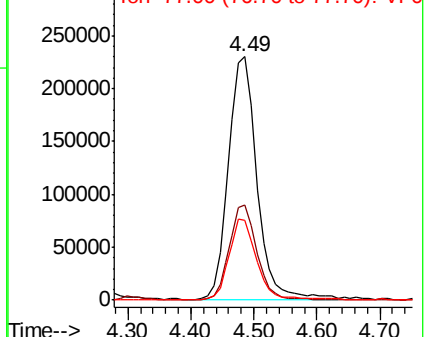
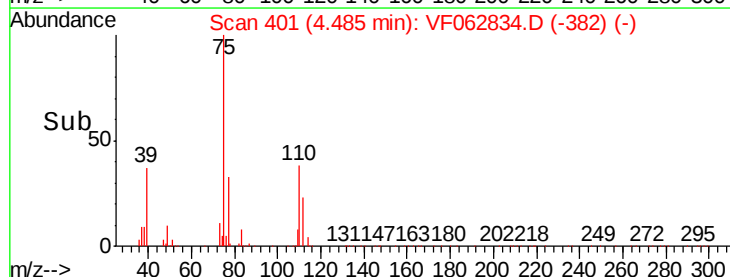
75 100

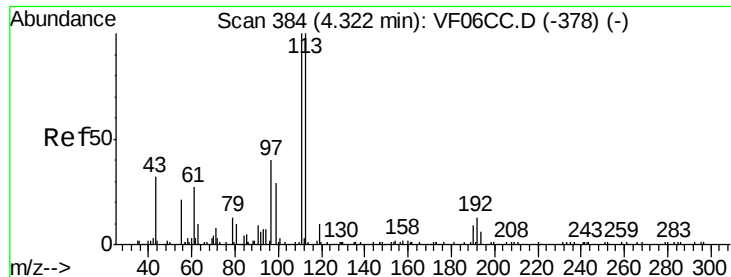
110 38.9 19.4 58.1

77 32.7 25.4 38.2



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

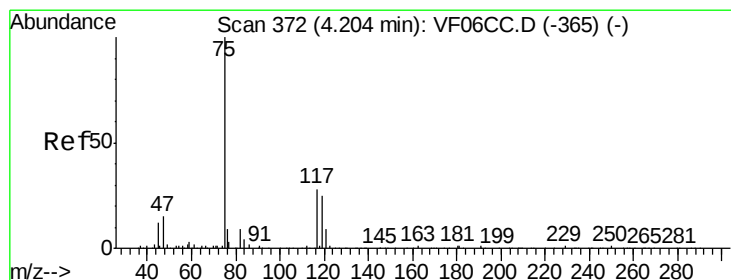
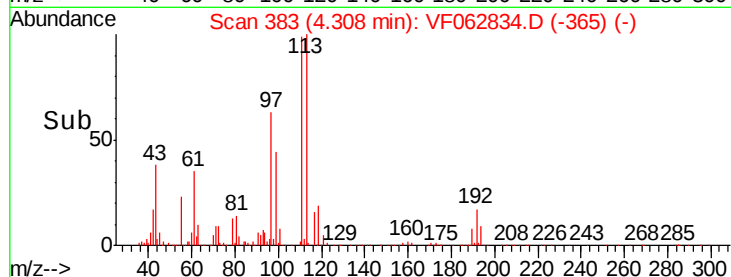
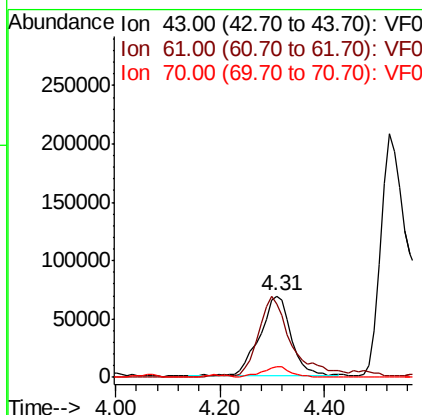
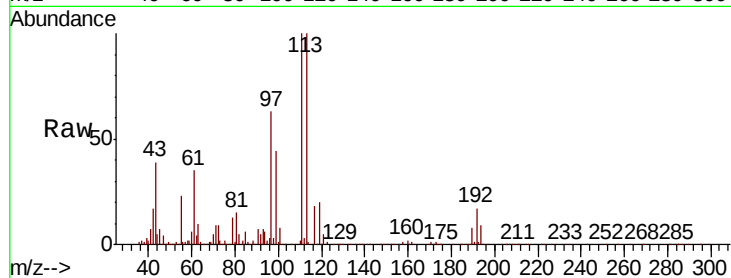




#37
Ethyl Acetate
Concen: 58.197 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.03 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

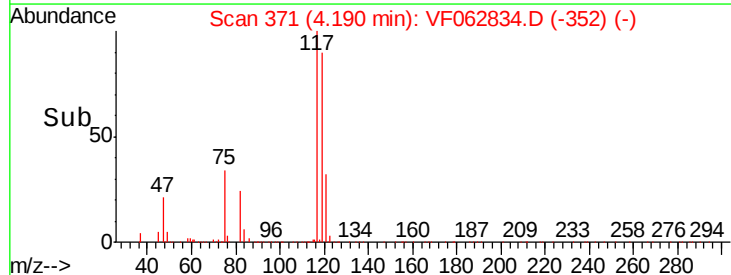
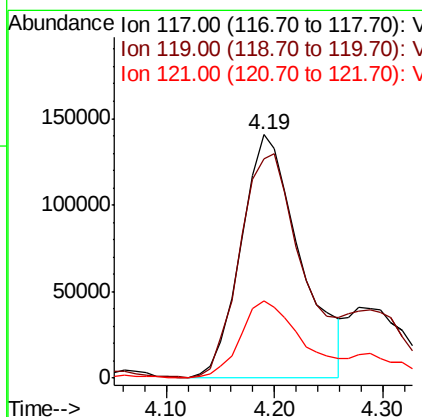
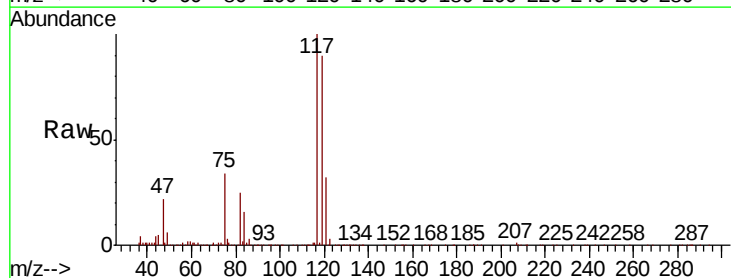
Instrument :
MSVOA_F
ClientSampleId :

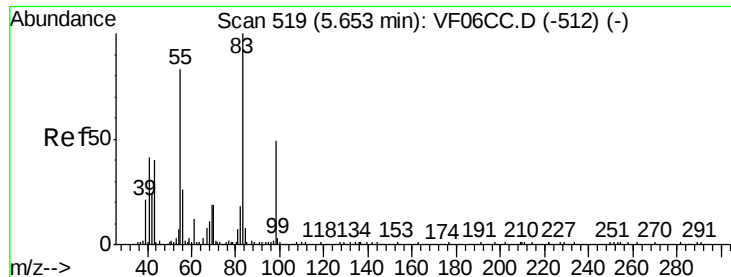
Tot Ion: 43 Resp: 284792
Ion Ratio Lower Upper
43 100
61 90.0 59.1 88.7#
70 13.0 10.1 15.1



#38
Carbon Tetrachloride
Concen: 61.597 ug/l
RT: 4.19 min Scan# 371
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion: 117 Resp: 532924
Ion Ratio Lower Upper
117 100
119 89.8 78.2 117.2
121 31.7 28.2 42.2





#39

Methvlcvclohexane

Concen: 57.392 ug/l

RT: 5.64 min Scan# 518

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

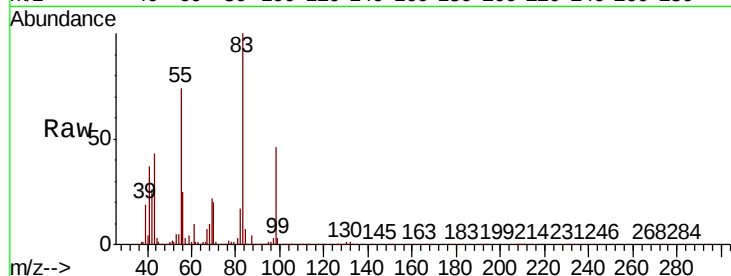
Tot Ion: 83 Resp: 914412

Ion Ratio Lower Upper

83 100

55 73.8 61.6 92.4

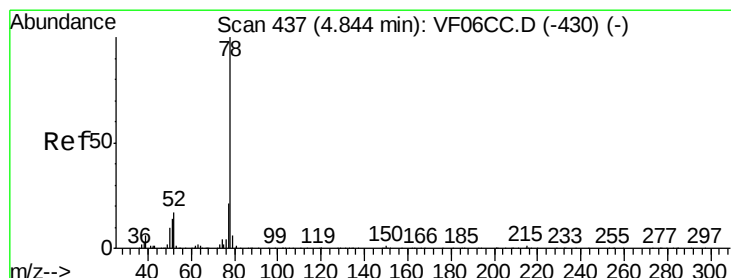
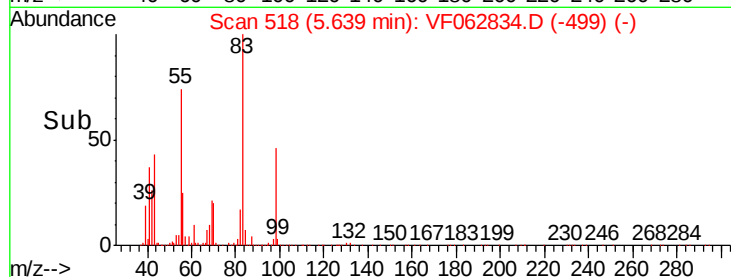
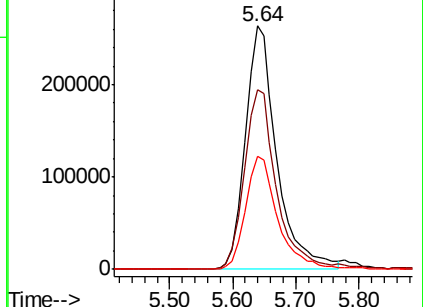
98 46.3 37.4 56.2



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: 56.089 ug/l

RT: 4.83 min Scan# 436

Delta R.T. -0.02 min

Lab File: VF062834.D

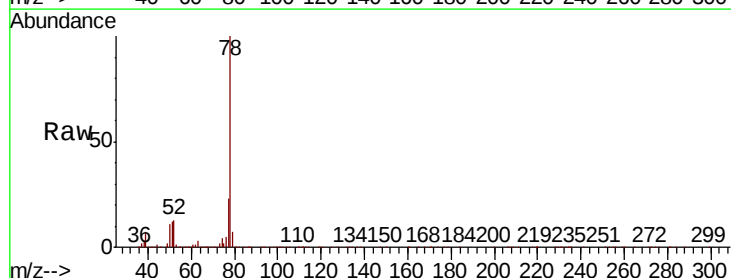
Acq: 3 Jun 2019 17:51

Tgt Ion: 78 Resp: 2089743

Ion Ratio Lower Upper

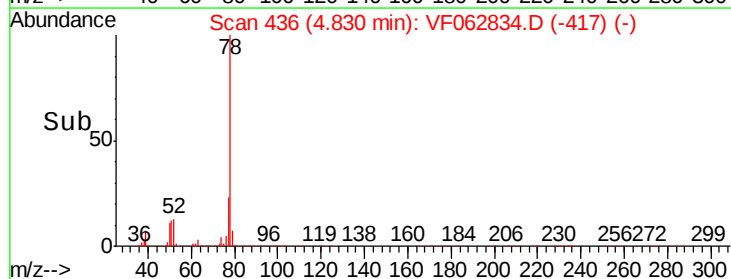
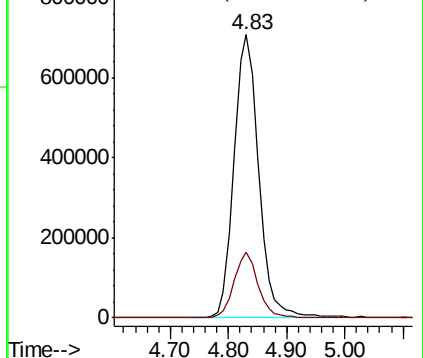
78 100

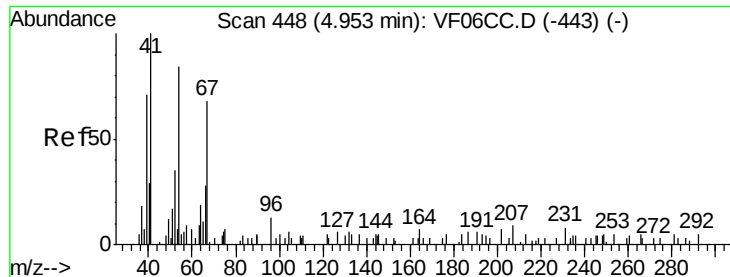
77 23.1 18.9 28.3



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0

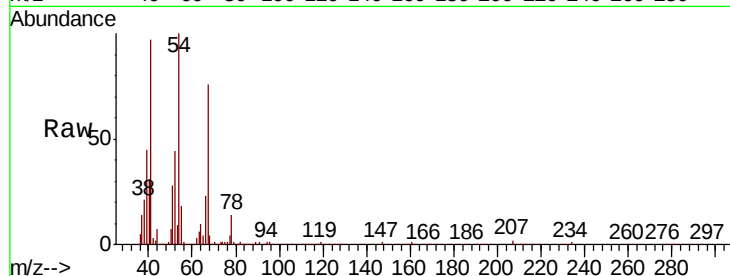




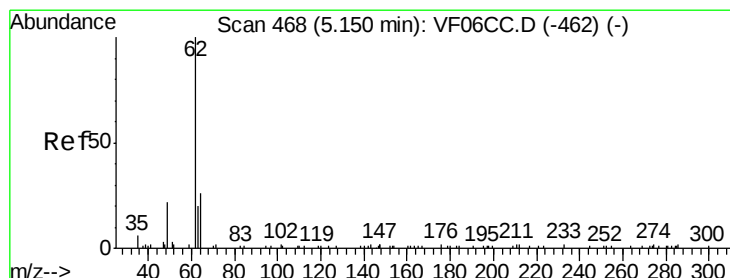
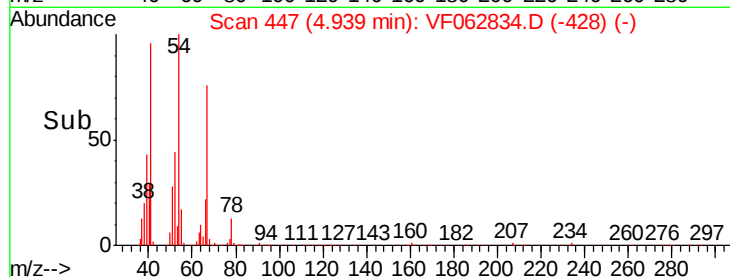
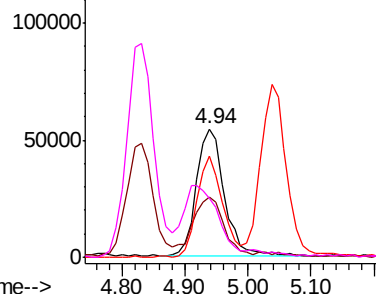
#41
Methacrylonitrile
Concen: 62.015 ug/l
RT: 4.94 min Scan# 447
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	41	Resp:	168708
Ion	Ratio	Lower	Upper
41	100		
39	46.7	42.0	63.0
67	78.4	61.4	92.0
52	45.7	42.1	63.1

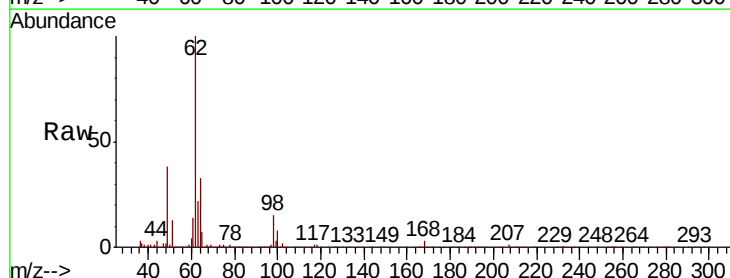


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0

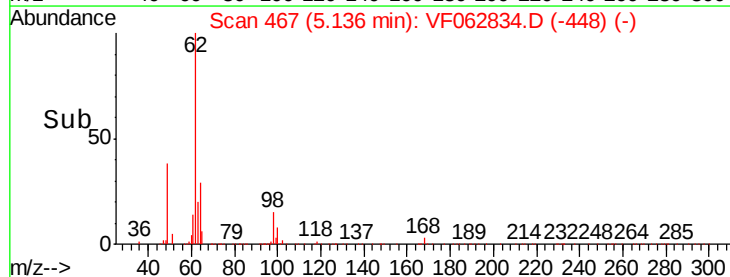
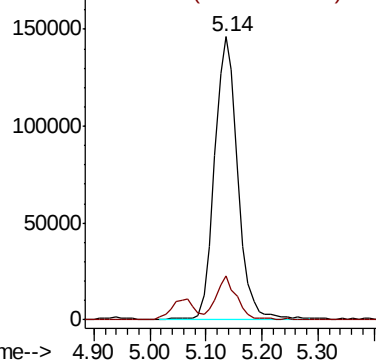


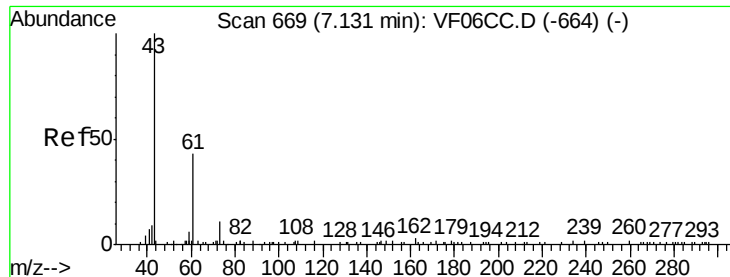
#42
1,2-Dichloroethane
Concen: 59.129 ug/l
RT: 5.14 min Scan# 467
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion:	62	Resp:	418992
Ion	Ratio	Lower	Upper
62	100		
98	15.5	0.0	24.0



Abundance Ion 62.00 (61.70 to 62.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



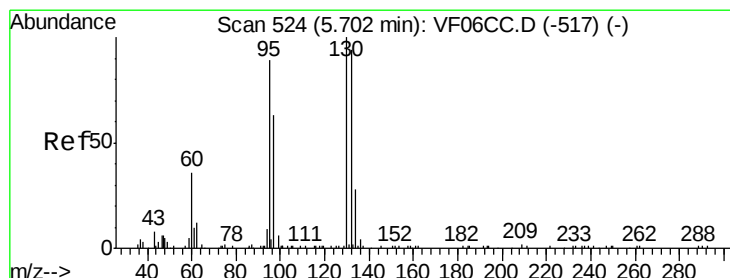
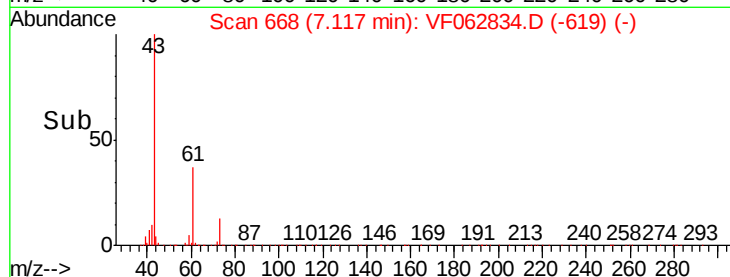
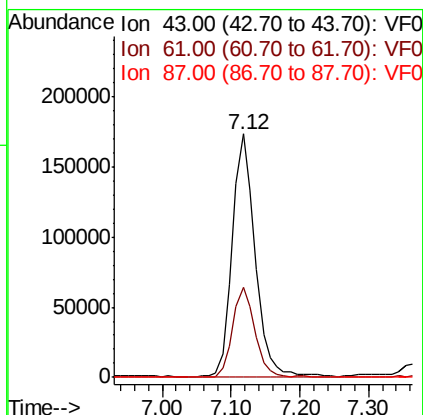
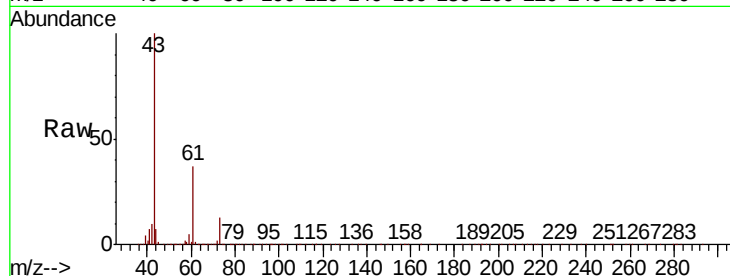


#43

Isopropyl Acetate
 Concen: 61.354 ug/l
 RT: 7.12 min Scan# 668
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Instrument :
 MSVOA_F
 ClientSampleId :

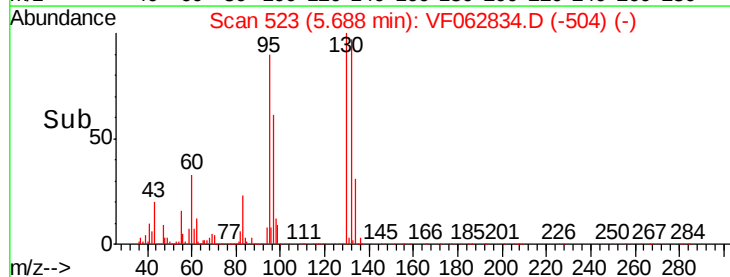
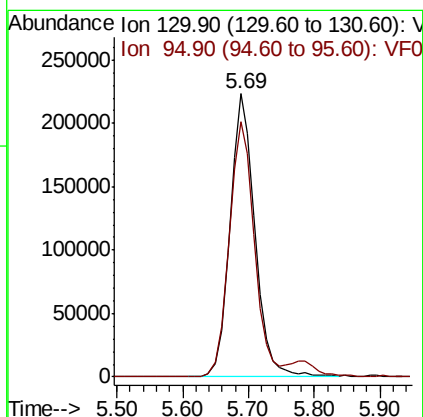
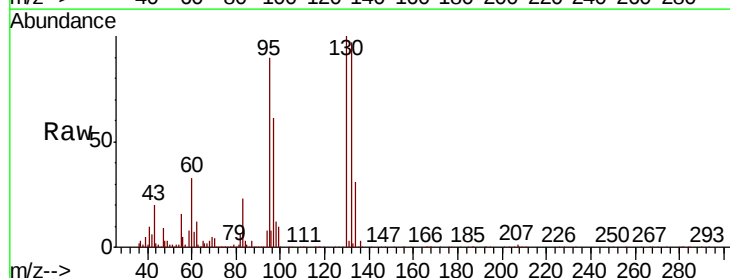
Tot Ion	Ratio	Lower	Upper
43	100		
61	36.8	29.8	44.6
87	0.3	0.3	0.5

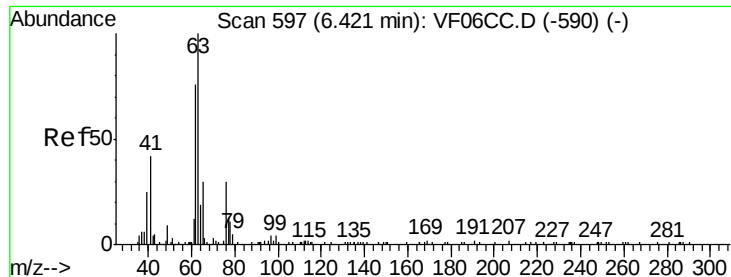


#44

Trichloroethene
 Concen: 56.366 ug/l
 RT: 5.69 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	188.2





#45

1,2-Dichloropropane

Concen: 56.274 ug/l

RT: 6.41 min Scan# 596

Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

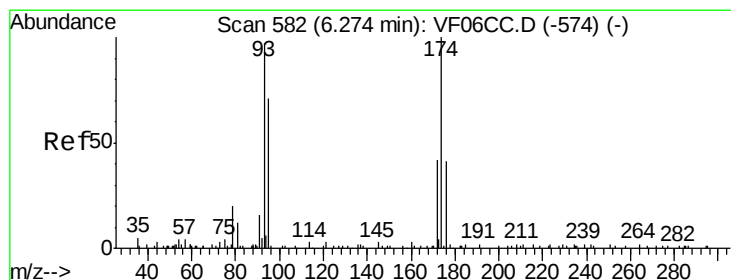
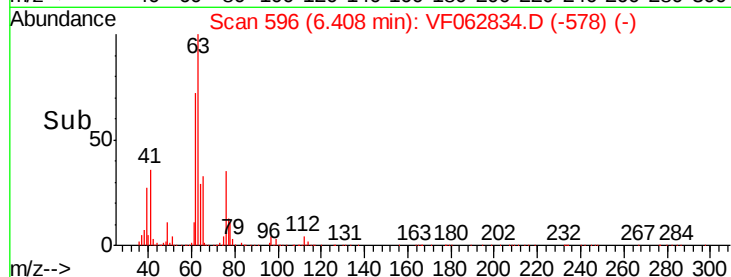
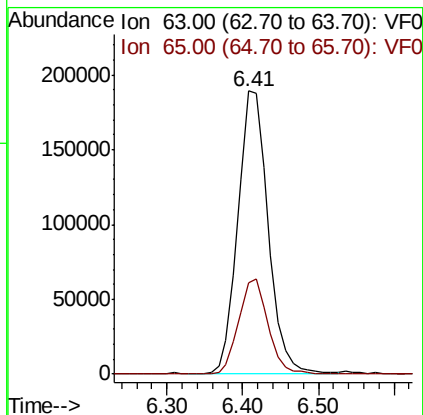
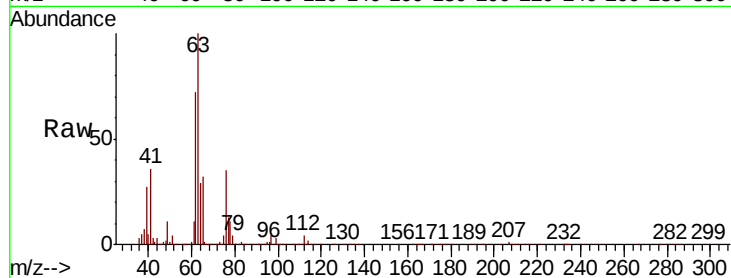
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 63 Resp: 526138

Ion Ratio Lower Upper

63 100

65 32.5 24.2 36.2



#46

Dibromomethane

Concen: 55.306 ug/l

RT: 6.27 min Scan# 582

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

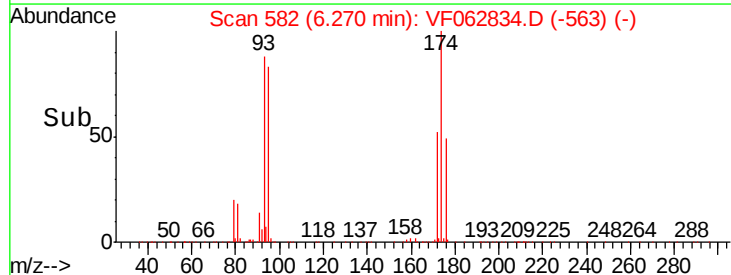
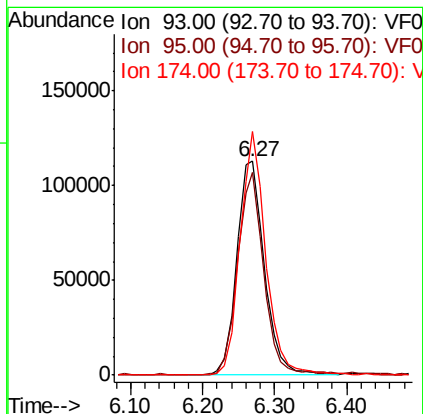
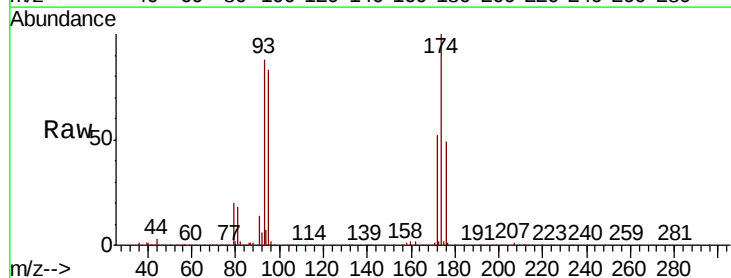
Tgt Ion: 93 Resp: 301896

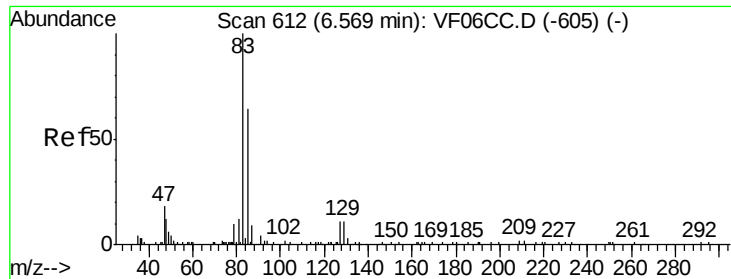
Ion Ratio Lower Upper

93 100

95 94.9 67.9 101.9

174 113.7 85.0 127.4





#47

Bromodichloromethane

Concen: 58.668 ug/l

RT: 6.56 min Scan# 611

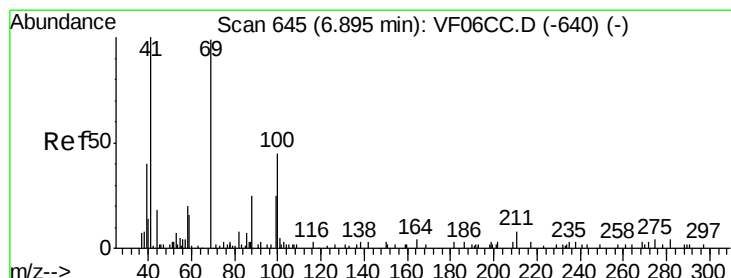
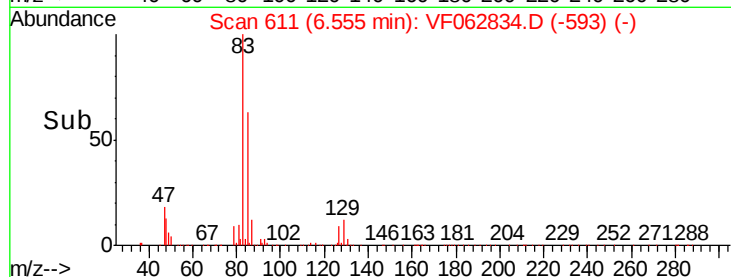
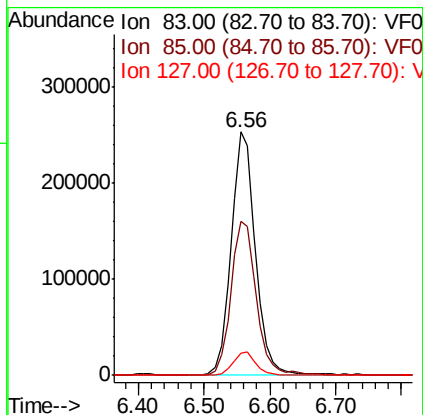
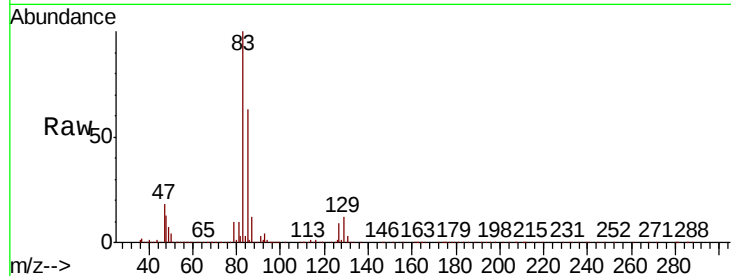
Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	83	Resp:	652215
Ion	Ratio	Lower	Upper
83	100		
85	63.1	54.2	81.4
127	8.9	7.0	10.4



#48

Methyl methacrylate

Concen: 61.069 ug/l

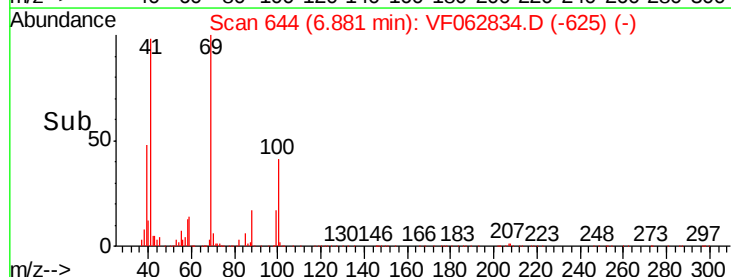
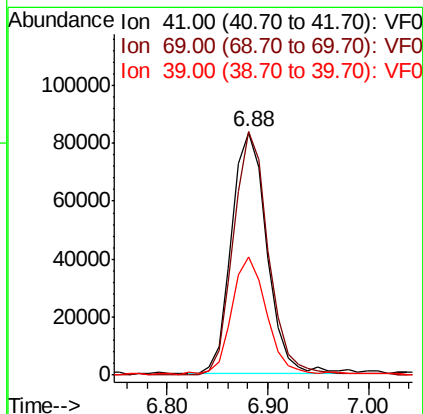
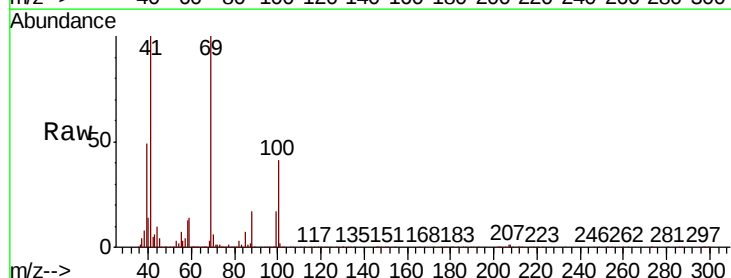
RT: 6.88 min Scan# 644

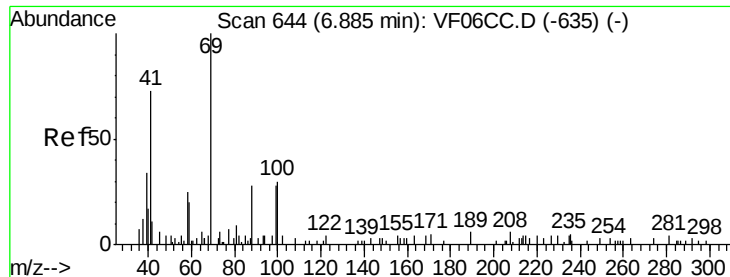
Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion:	41	Resp:	203456
Ion	Ratio	Lower	Upper
41	100		
69	100.3	79.4	119.2
39	48.7	39.8	59.6

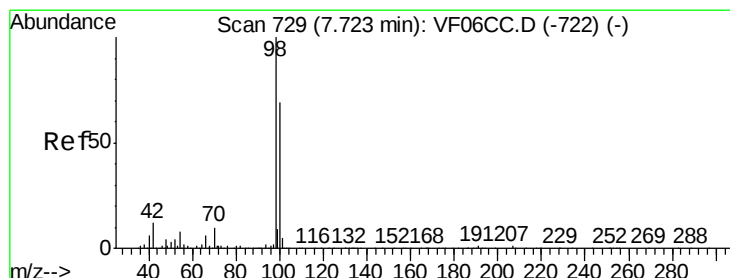
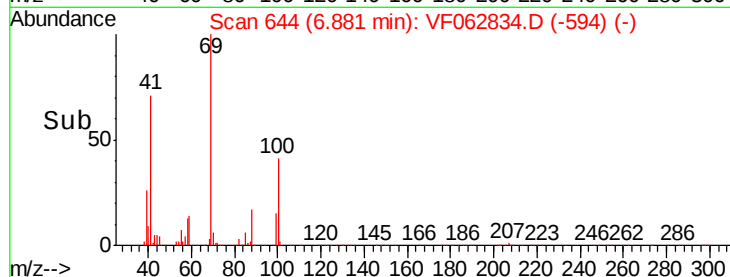
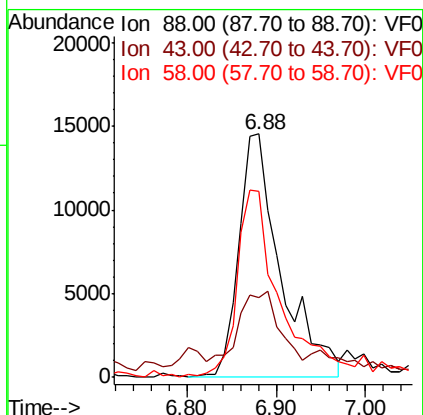
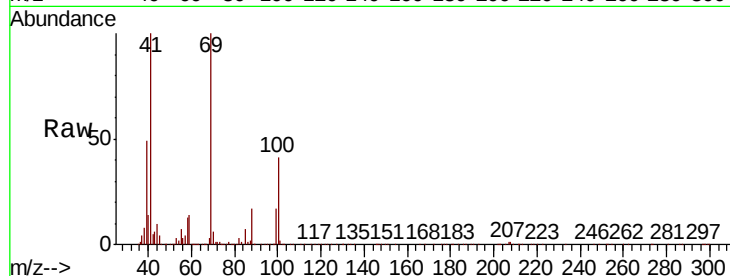




#49
1,4-Dioxane
Concen: 1087.744 ug/l
RT: 6.88 min Scan# 644
Delta R.T. -0.01 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

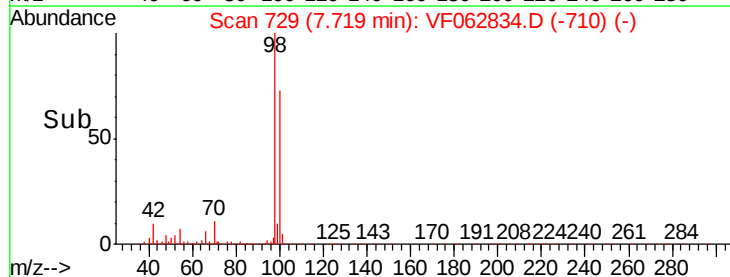
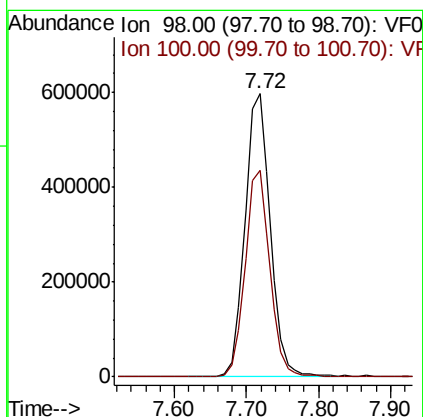
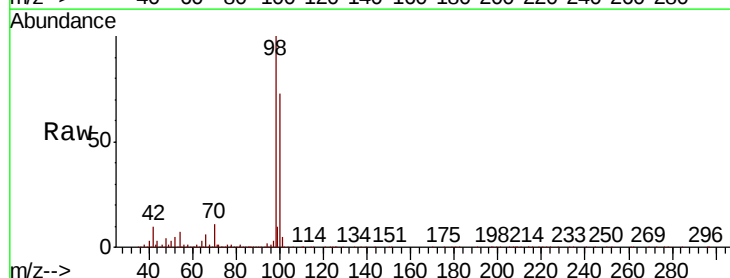
Instrument :
MSVOA_F
ClientSampleId :

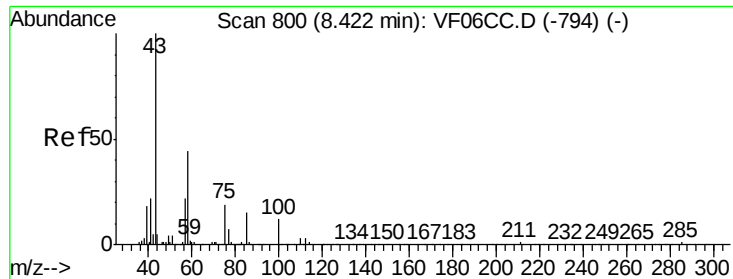
Tot Ion: 88 Resp: 47767
Ion Ratio Lower Upper
88 100
43 32.9 34.8 52.2#
58 76.4 59.9 89.9



#50
Toluene-d8
Concen: 55.330 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion: 98 Resp: 1470241
Ion Ratio Lower Upper
98 100
100 73.1 59.8 89.8





#51

4-Methyl-2-Pentanone

Concen: 293.339 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

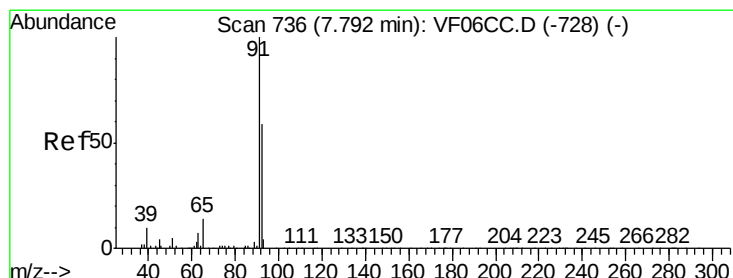
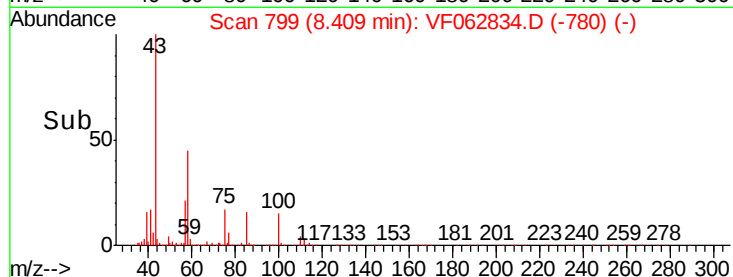
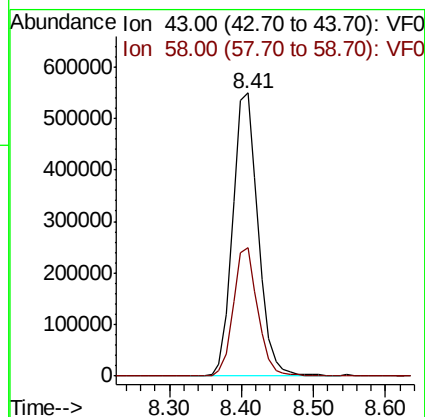
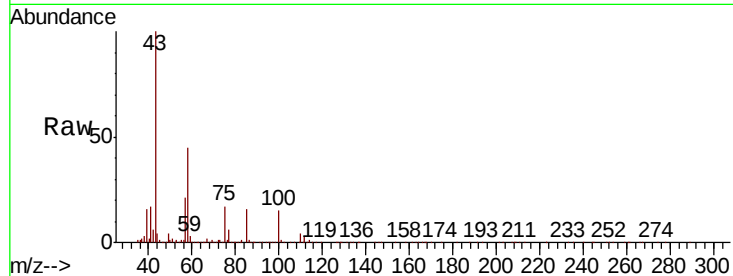
ClientSampleId :

Tot Ion: 43 Resp: 1353833

Ion Ratio Lower Upper

43 100

58 45.2 35.5 53.3



#52

Toluene

Concen: 56.961 ug/l

RT: 7.79 min Scan# 736

Delta R.T. -0.02 min

Lab File: VF062834.D

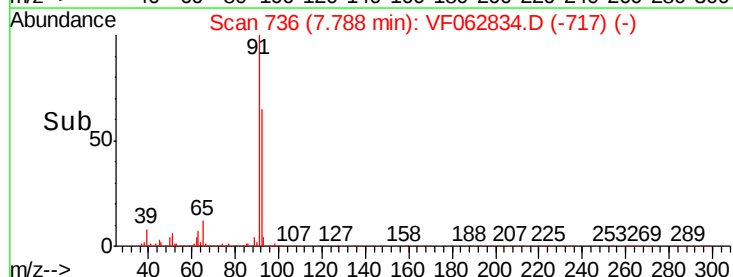
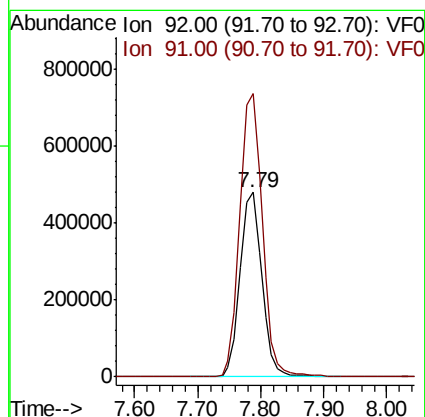
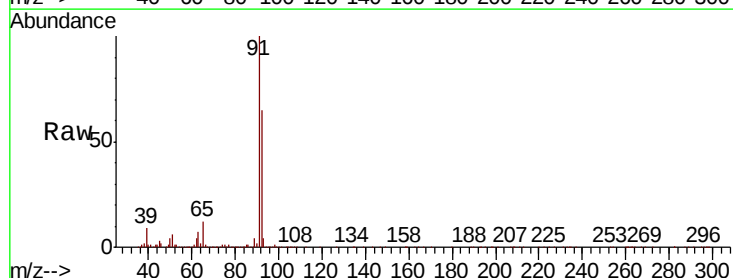
Acq: 3 Jun 2019 17:51

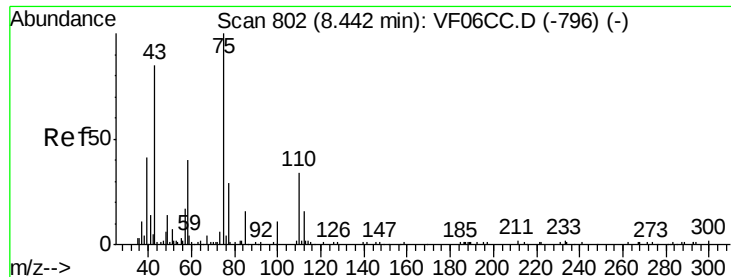
Tgt Ion: 92 Resp: 1143043

Ion Ratio Lower Upper

92 100

91 153.6 123.2 184.8

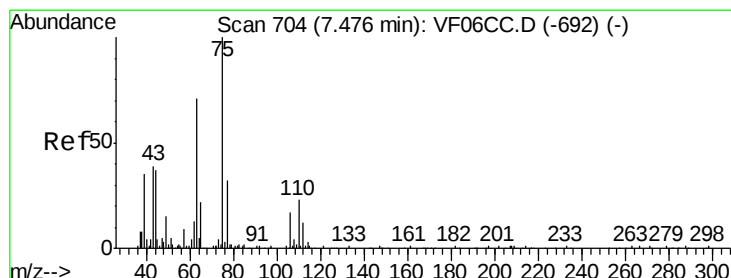
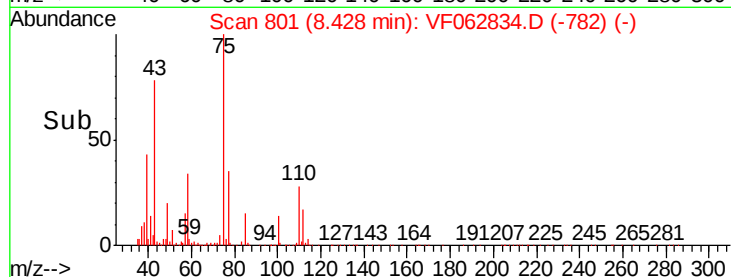
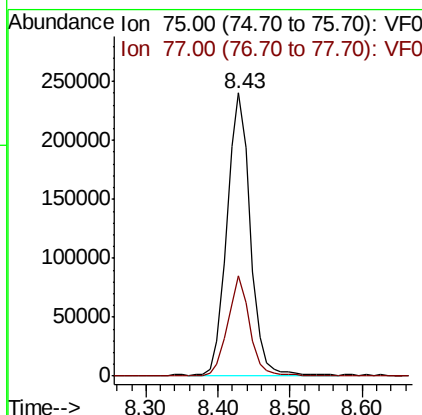
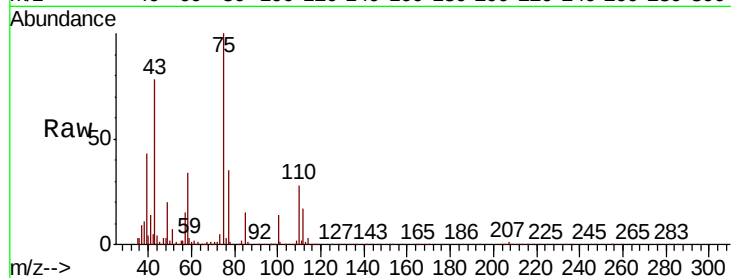




#53
t-1,3-Dichloropropene
Concen: 57.999 ug/l
RT: 8.43 min Scan# 801
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

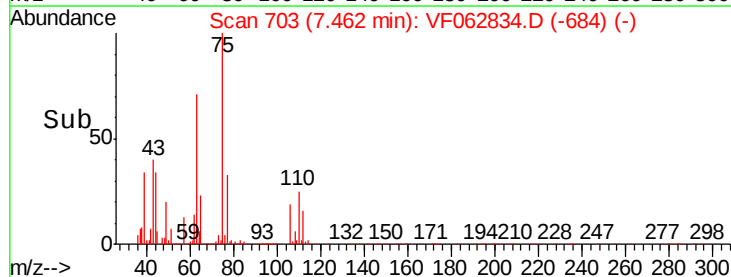
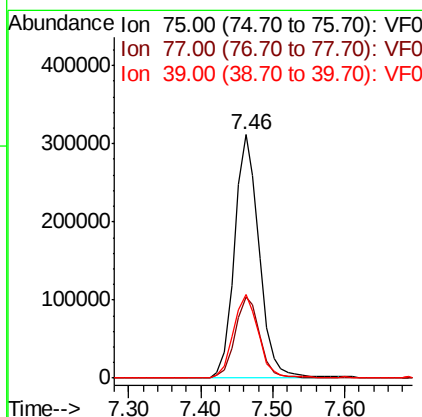
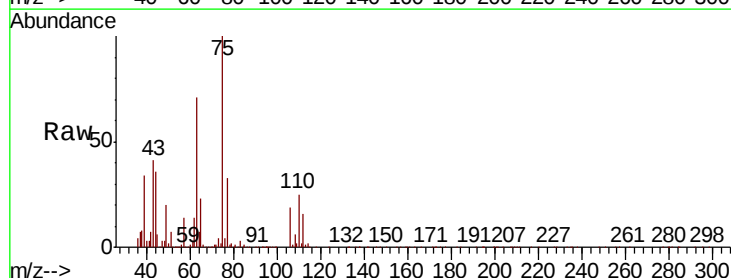
Instrument :
MSVOA_F
ClientSampled :

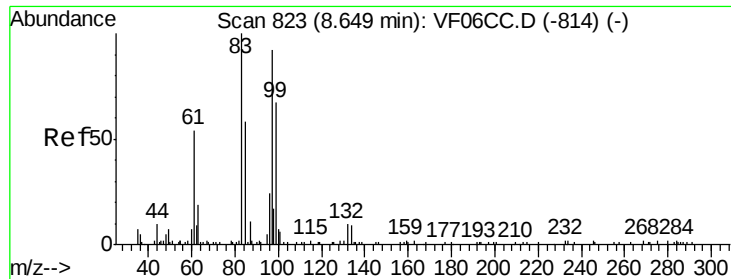
Tot Ion: 75 Resp: 534289
Ion Ratio Lower Upper
75 100
77 35.5 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 55.726 ug/l
RT: 7.46 min Scan# 703
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion: 75 Resp: 743085
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.8
39 34.5 28.4 42.6





#55

1,1,2-Trichloroethane

Concen: 60.193 ug/l

RT: 8.64 min Scan# 822

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampled :

Tot Ion: 97 Resp: 360859

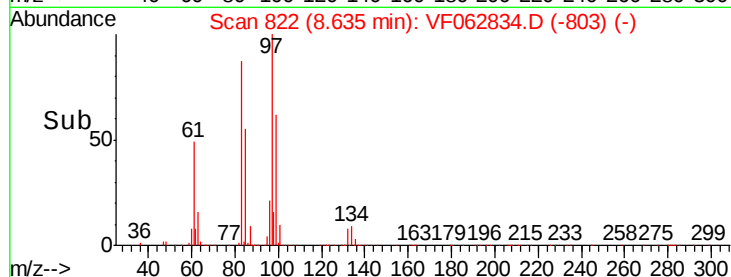
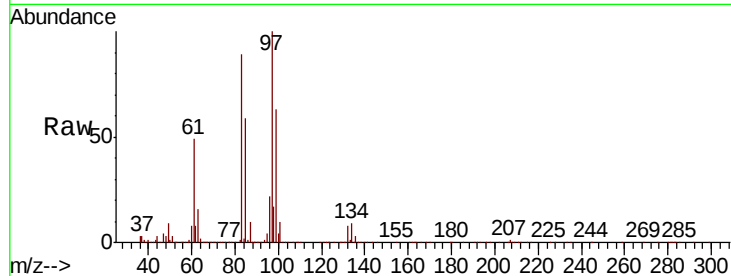
Ion Ratio Lower Upper

97 100

83 88.6 72.0 108.0

85 58.8 47.5 71.3

99 62.6 54.1 81.1

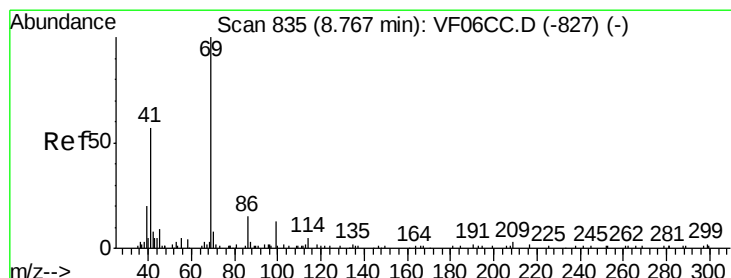
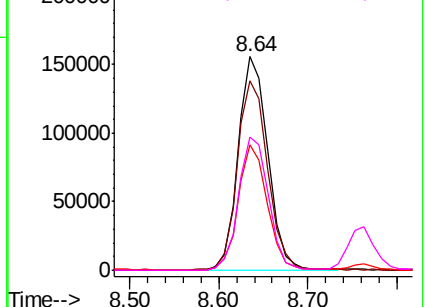


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 64.042 ug/l

RT: 8.75 min Scan# 834

Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

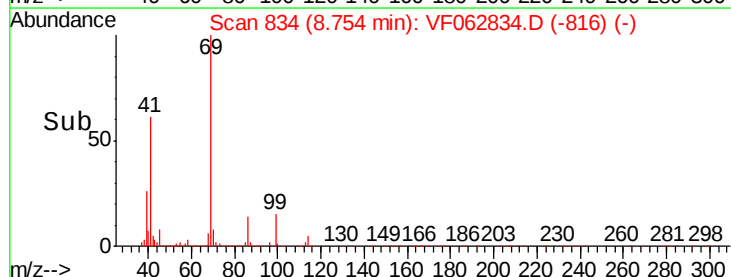
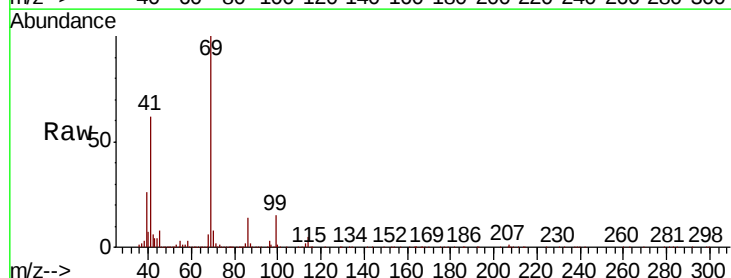
Tgt Ion: 69 Resp: 411953

Ion Ratio Lower Upper

69 100

41 61.7 46.6 69.8

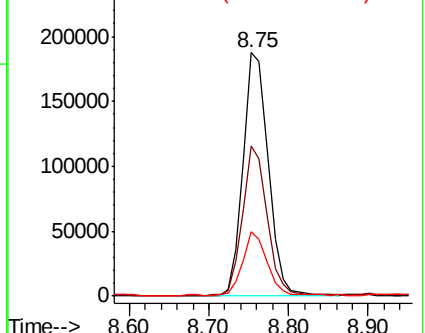
39 26.4 19.6 29.4

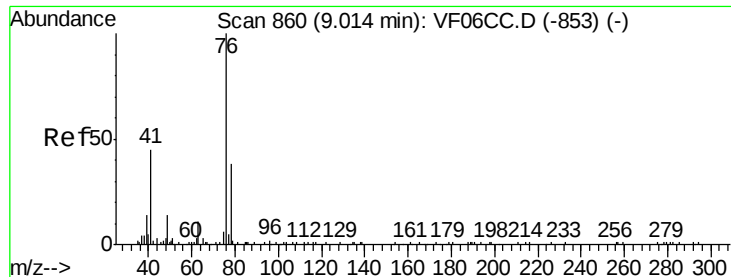


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

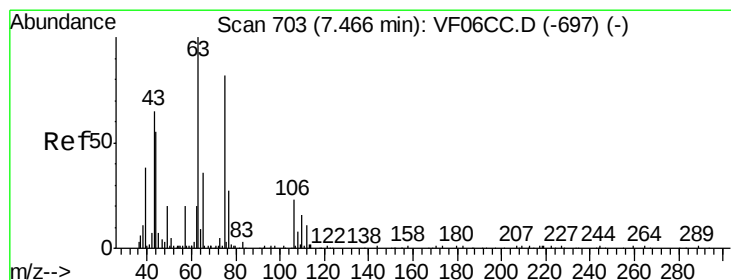
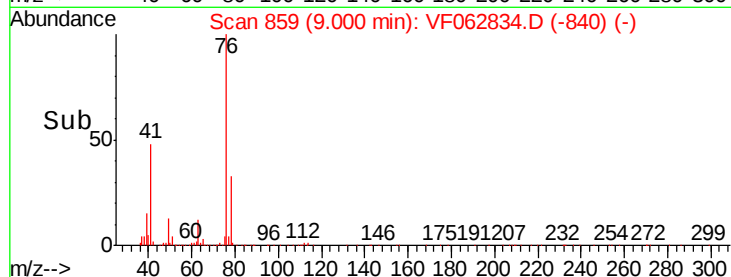
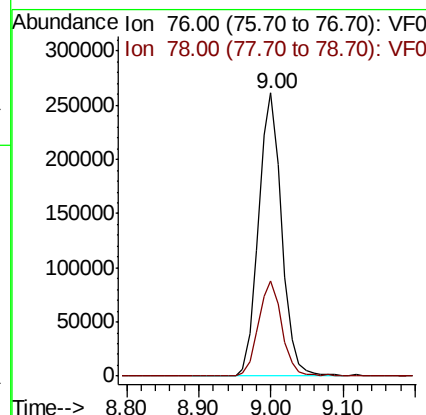
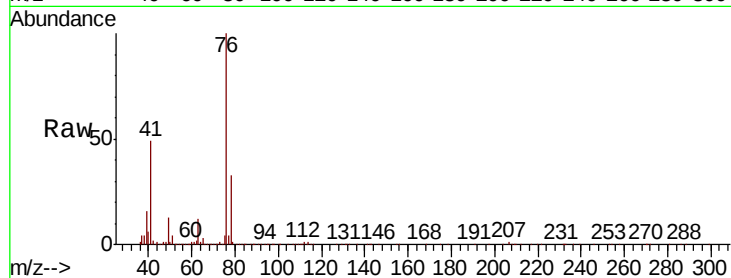




#57
 1,3-Dichloropropane
 Concen: 59.895 ug/l
 RT: 9.00 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

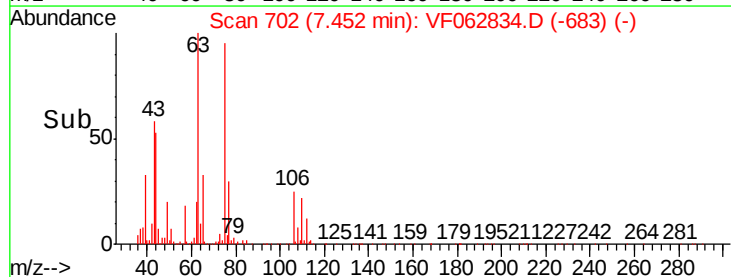
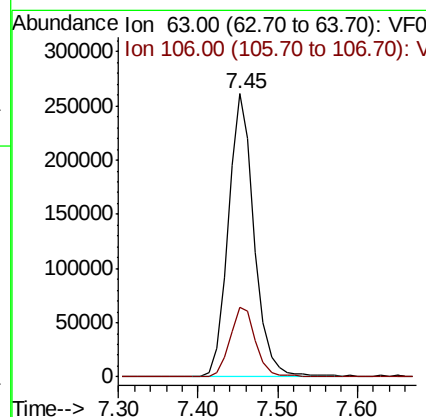
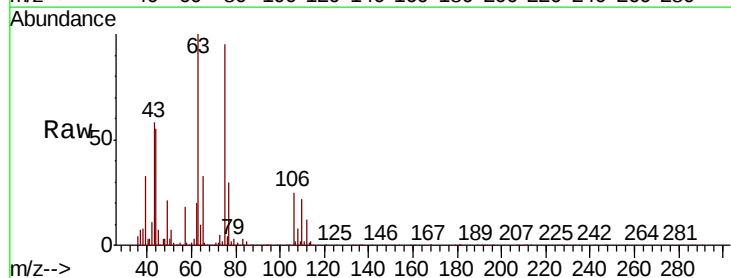
Instrument :
 MSVOA_F
 ClientSampleId :

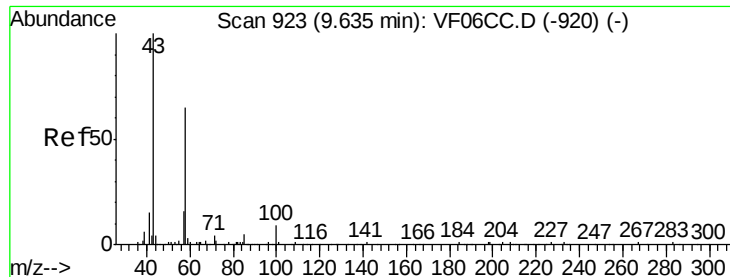
Tot Ion: 76 Resp: 586372
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.228 ug/l
 RT: 7.45 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion: 63 Resp: 594008
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.5 29.3

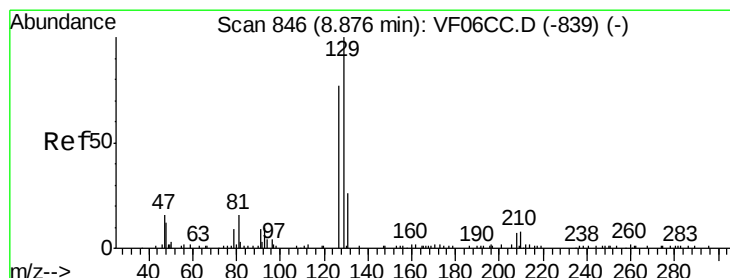
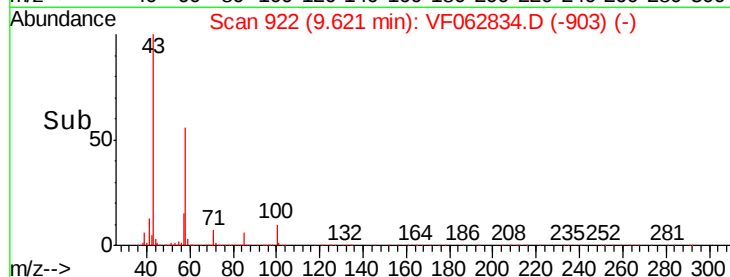
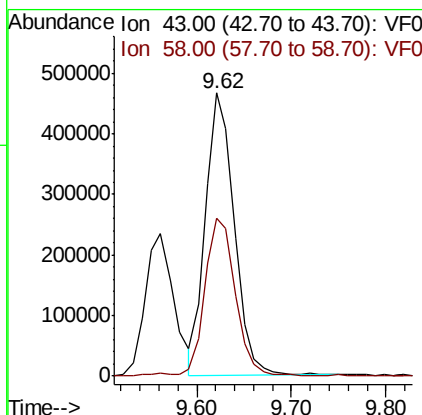
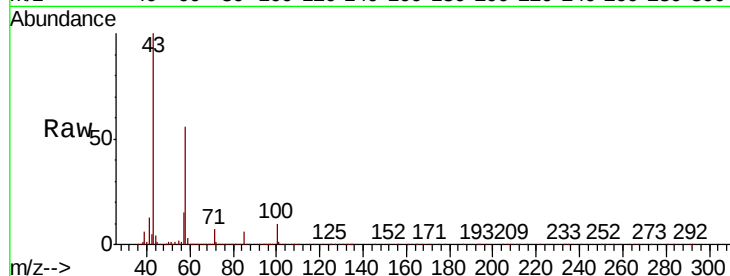




#59
2-Hexanone
Concen: 300.856 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

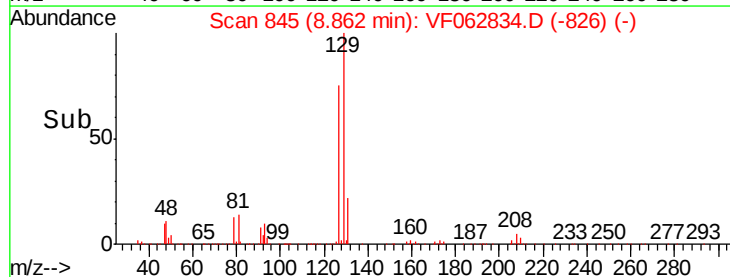
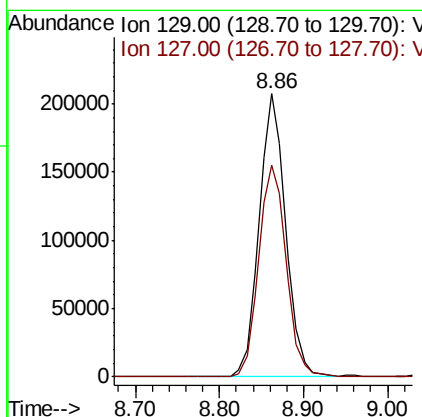
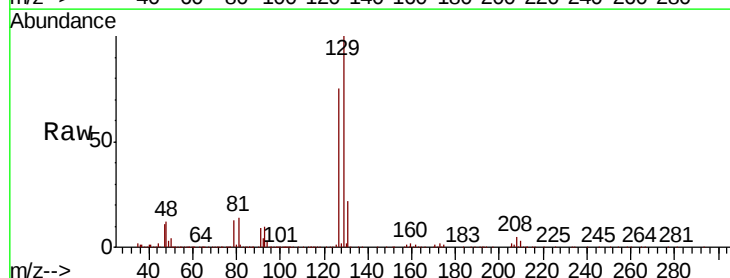
Instrument :
MSVOA_F
ClientSampled :

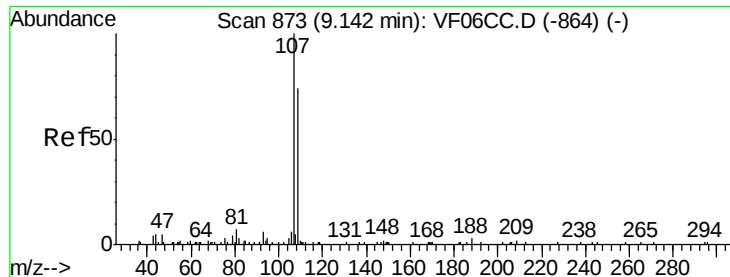
Tot Ion: 43 Resp: 989698
Ion Ratio Lower Upper
43 100
58 56.0 29.3 87.9



#60
Dibromochloromethane
Concen: 62.153 ug/l
RT: 8.86 min Scan# 845
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion:129 Resp: 461315
Ion Ratio Lower Upper
129 100
127 74.7 37.1 111.3





#61

1,2-Dibromoethane

Concen: 60.132 ug/l

RT: 9.13 min Scan# 872

Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

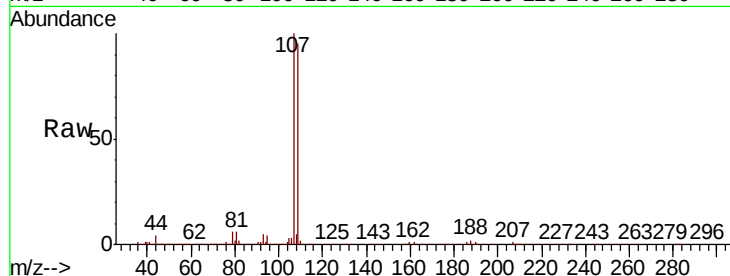
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:107 Resp: 374396

Ion Ratio Lower Upper

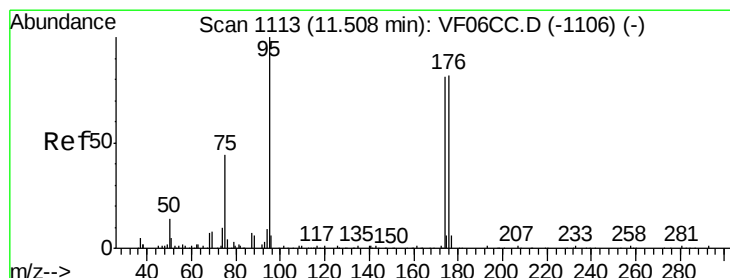
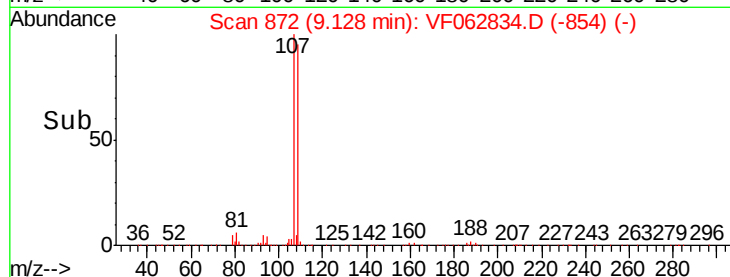
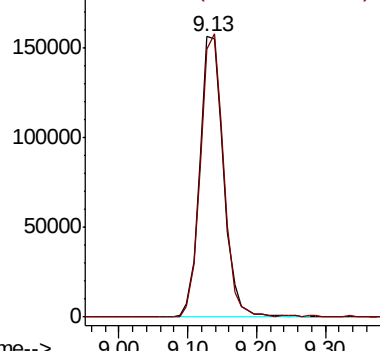
107 100

109 95.5 78.1 117.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 58.192 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

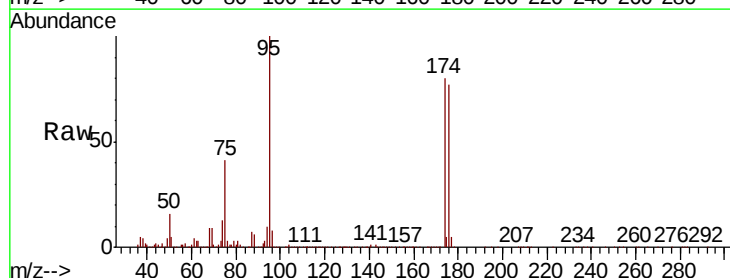
Tgt Ion: 95 Resp: 556219

Ion Ratio Lower Upper

95 100

174 79.6 0.0 170.6

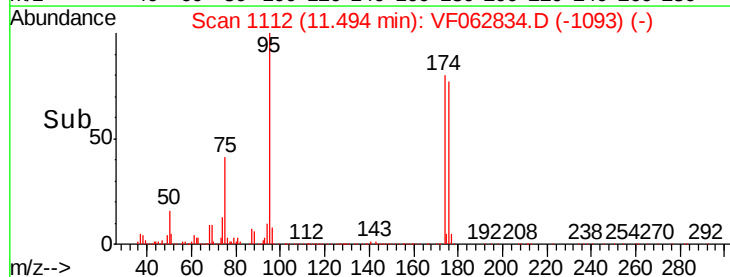
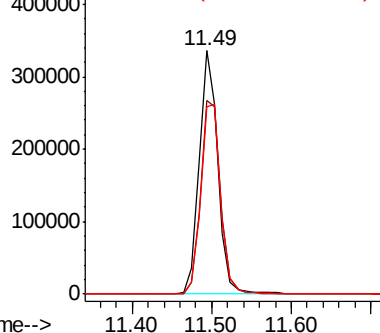
176 77.0 0.0 170.6

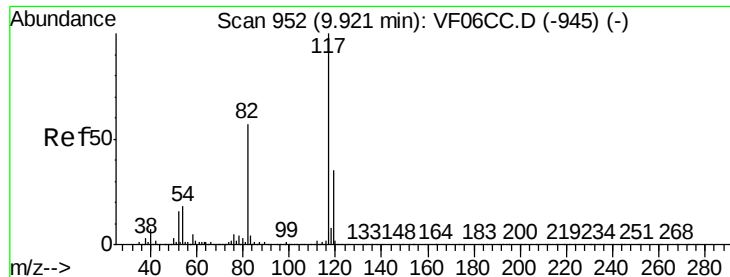


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

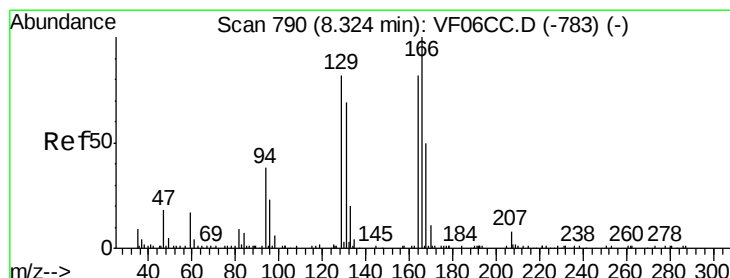
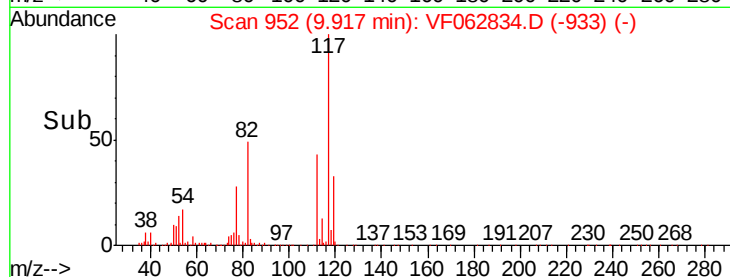
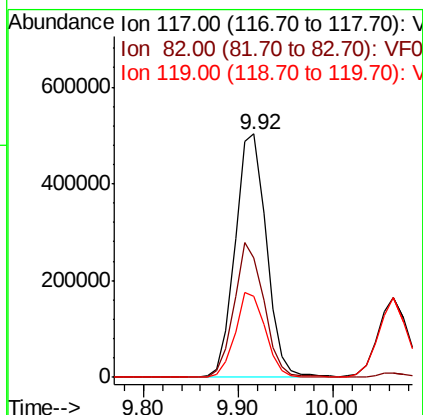
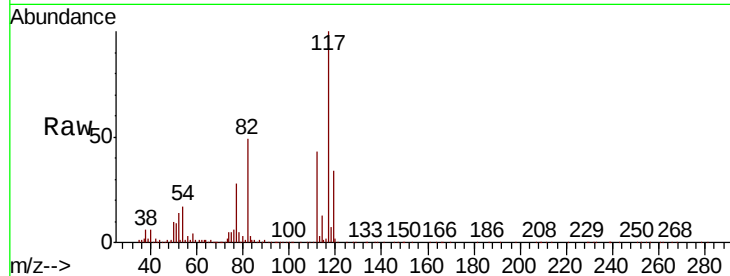




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

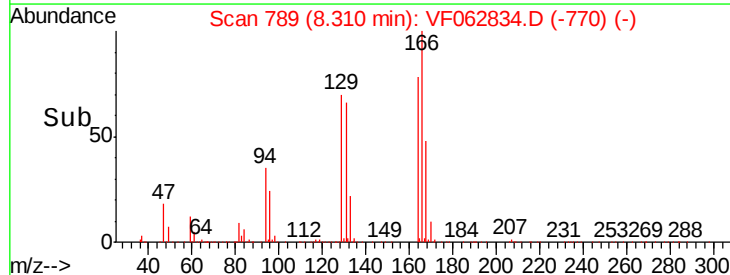
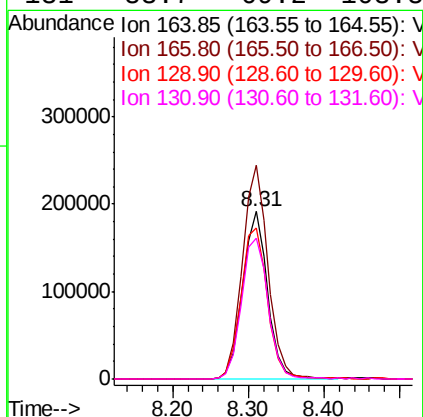
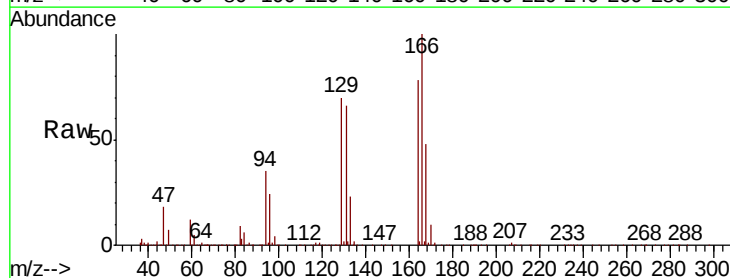
Instrument :
MSVOA_F
ClientSampleId :

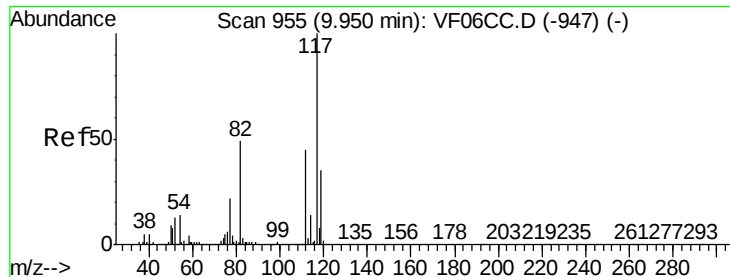
Tot Ion:117 Resp: 1153670
Ion Ratio Lower Upper
117 100
82 49.1 42.4 63.6
119 33.5 27.1 40.7



#64
Tetrachloroethene
Concen: 49.548 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion:164 Resp: 439252
Ion Ratio Lower Upper
164 100
166 127.5 99.1 148.7
129 89.8 69.5 104.3
131 83.7 69.2 103.8

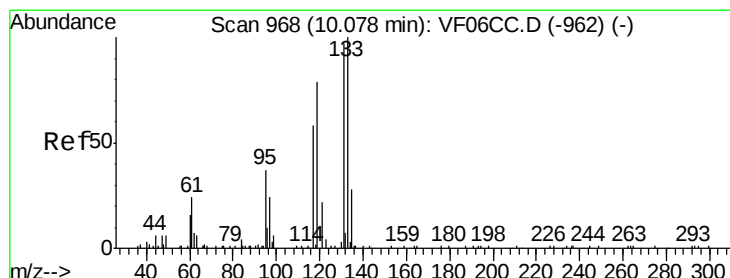
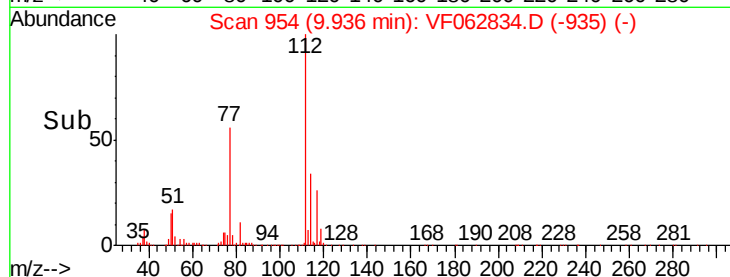
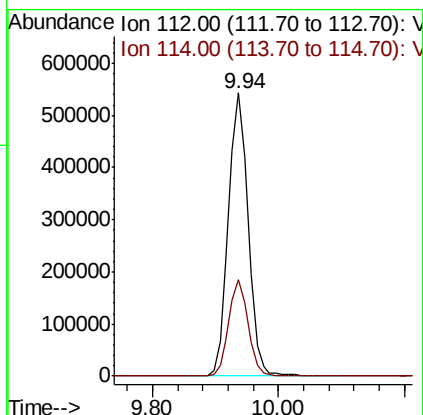
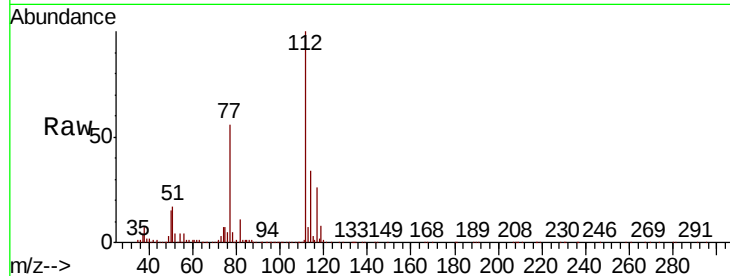




#65
Chlorobenzene
Concen: 52.996 ug/l
RT: 9.94 min Scan# 954
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

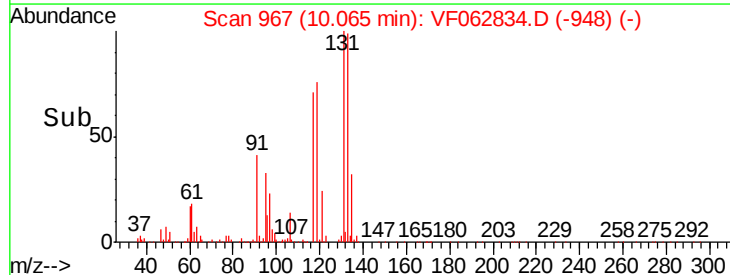
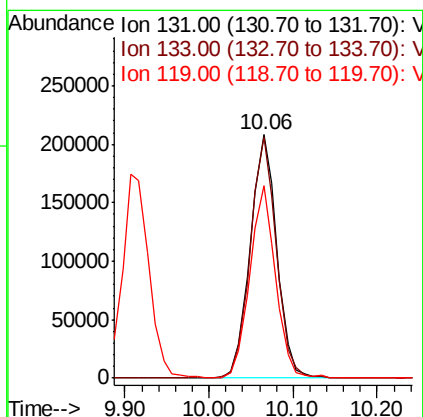
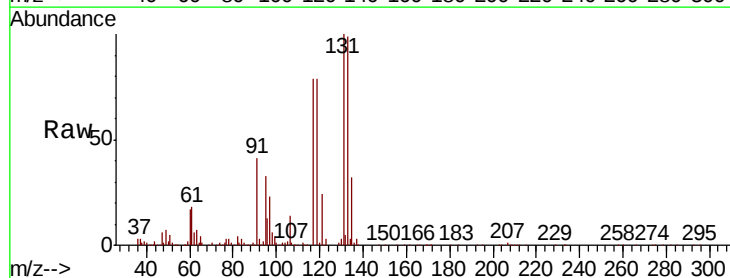
Instrument :
MSVOA_F
ClientSampleId :

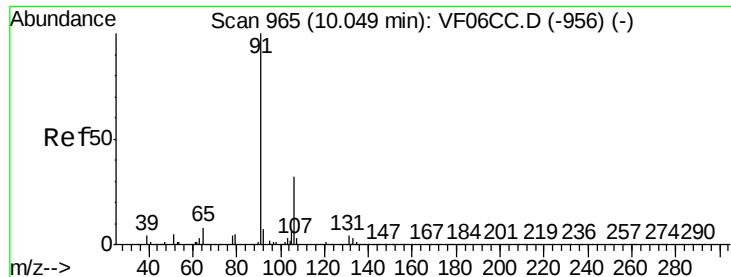
Tot Ion:112 Resp: 1180715
Ion Ratio Lower Upper
112 100
114 33.9 27.4 41.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.088 ug/l
RT: 10.06 min Scan# 967
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion:131 Resp: 462171
Ion Ratio Lower Upper
131 100
133 99.3 48.9 146.7
119 79.3 38.0 114.0





#67

Ethyl Benzene

Concen: 51.902 ug/l

RT: 10.04 min Scan# 964

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

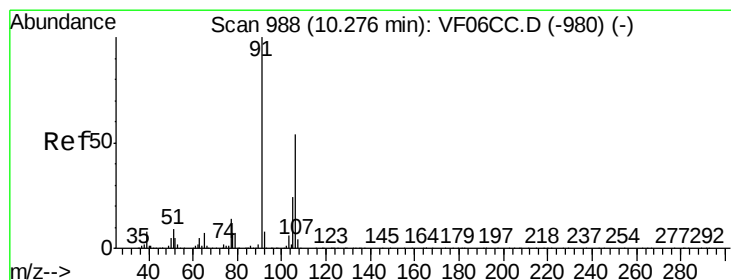
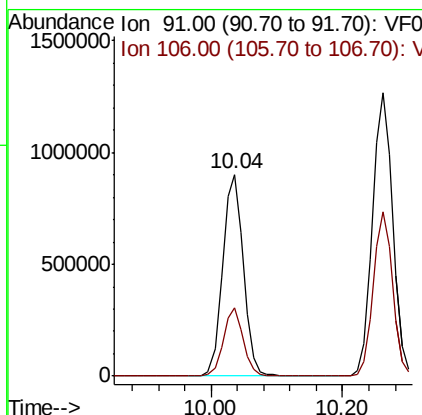
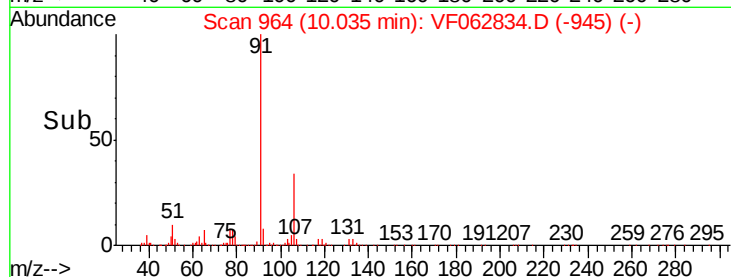
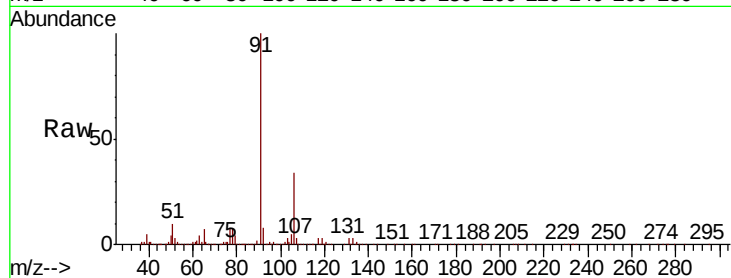
ClientSampleId :

Tot Ion: 91 Resp: 1984308

Ion Ratio Lower Upper

91 100

106 33.7 26.0 39.0



#68

m/p-Xylenes

Concen: 104.650 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.02 min

Lab File: VF062834.D

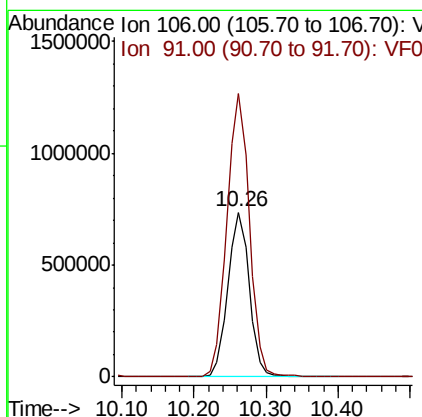
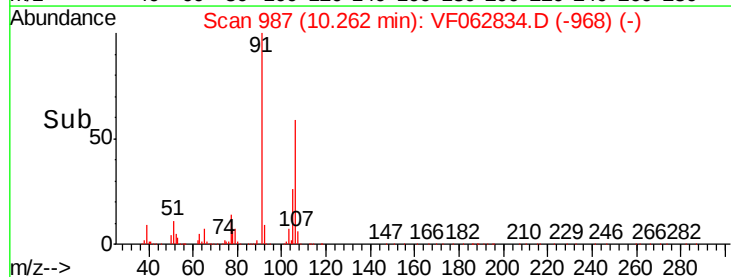
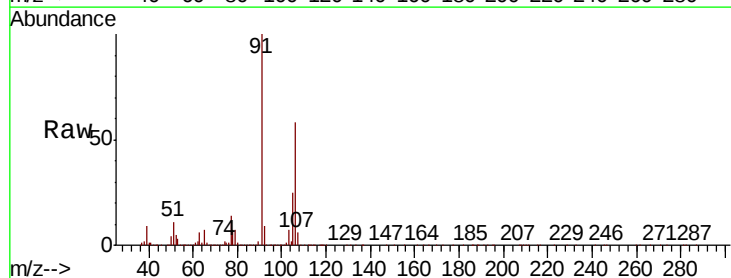
Acq: 3 Jun 2019 17:51

Tgt Ion: 106 Resp: 1531037

Ion Ratio Lower Upper

106 100

91 172.1 136.2 204.4

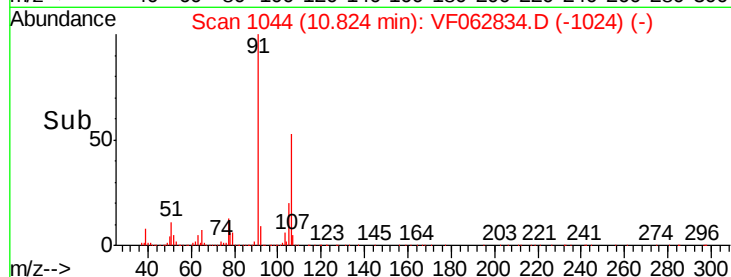
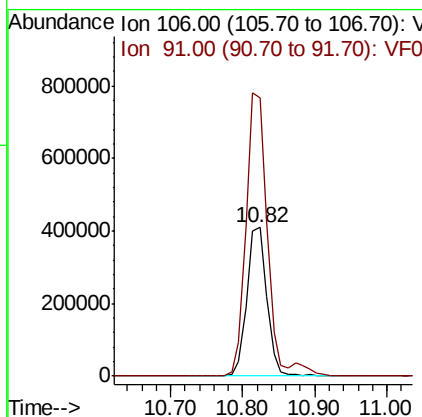
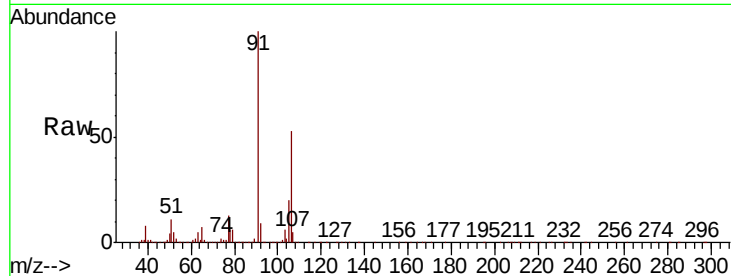




#69
o-Xylene
Concen: 53.997 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

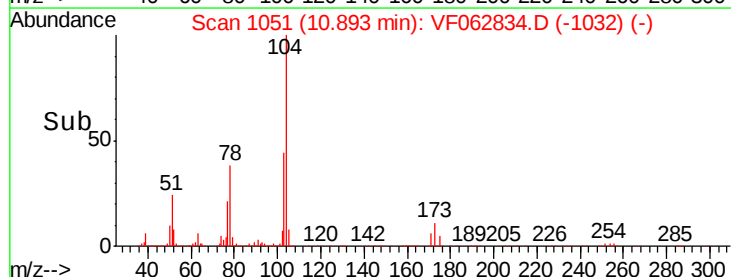
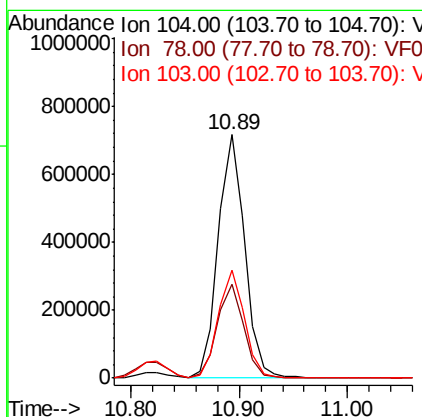
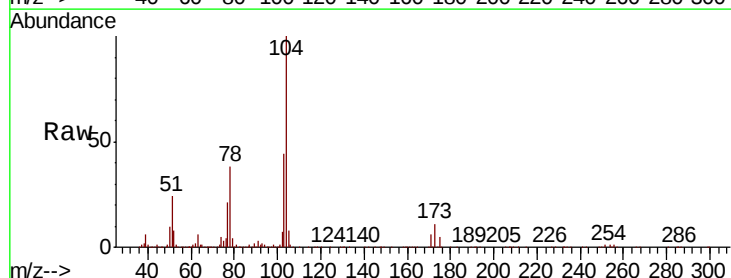
Instrument :
MSVOA_F
ClientSampled :

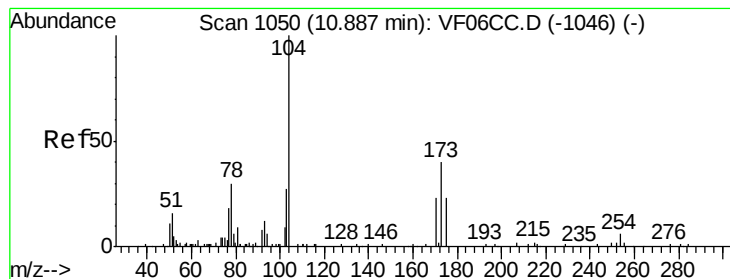
Tot Ion:106 Resp: 799831
Ion Ratio Lower Upper
106 100
91 187.3 96.6 289.8



#70
Styrene
Concen: 55.979 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion:104 Resp: 1222163
Ion Ratio Lower Upper
104 100
78 38.4 30.8 46.2
103 44.1 35.8 53.6





#71

Bromoform

Concen: 60.840 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

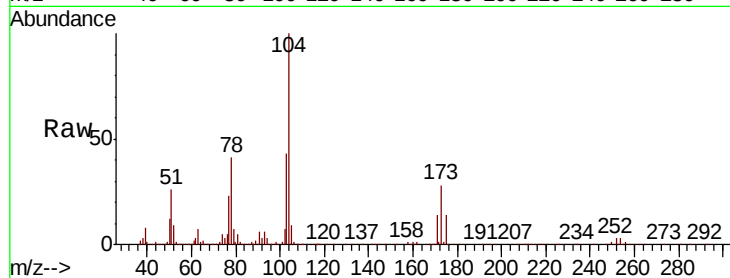
Tot Ion:173 Resp: 258963

Ion Ratio Lower Upper

173 100

175 51.4 24.6 74.0

254 0.3 0.1 0.1#

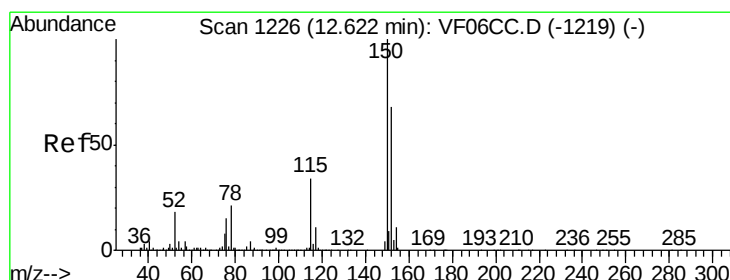
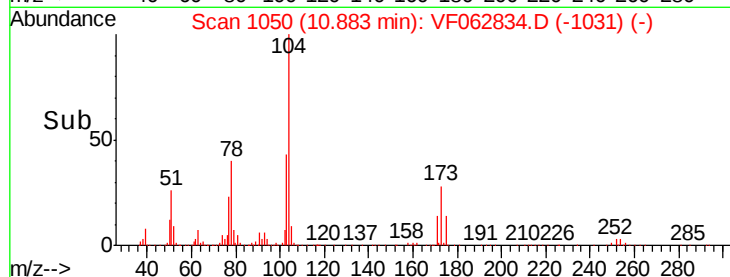
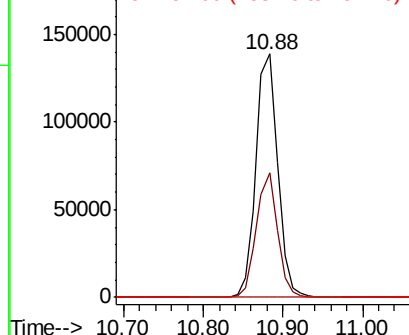


Abundance

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: 12.61 min Scan# 1225

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

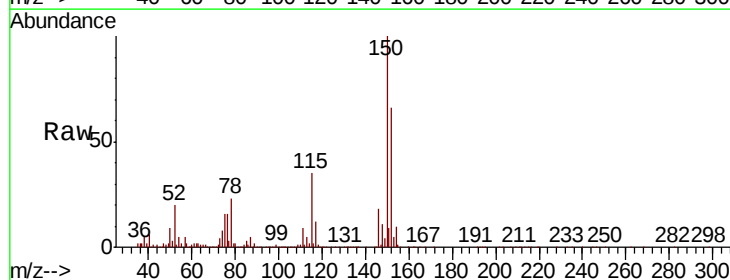
Tgt Ion:152 Resp: 607708

Ion Ratio Lower Upper

152 100

115 53.3 24.6 74.0

150 150.8 0.0 290.6

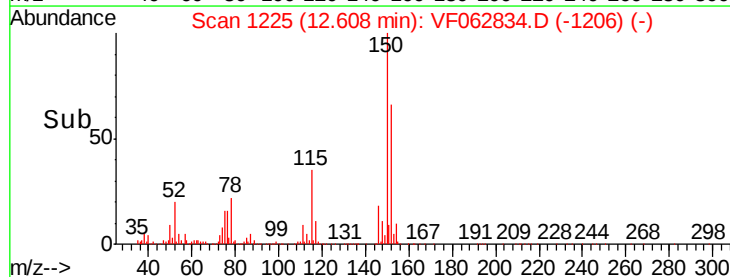
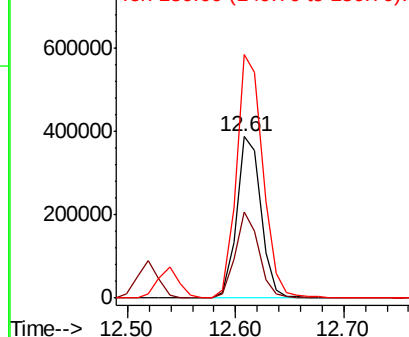


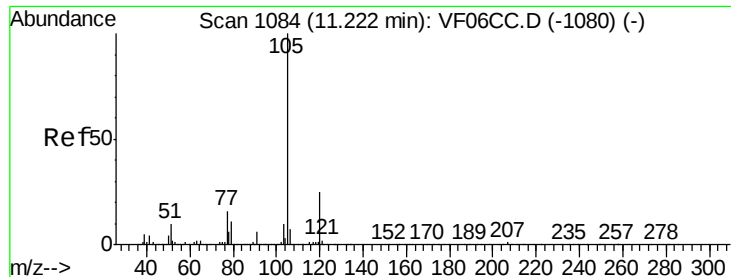
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 48.817 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

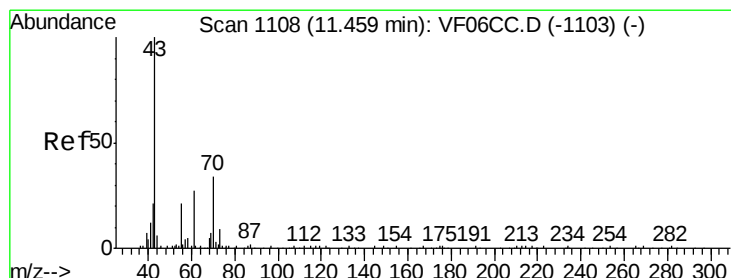
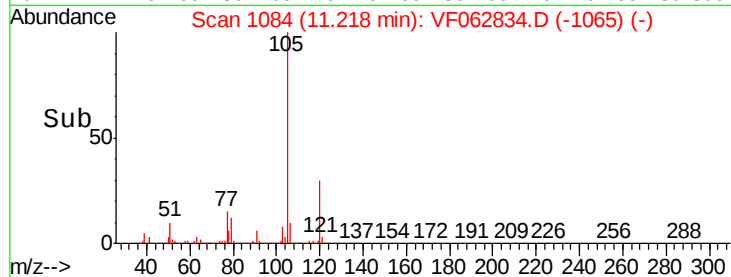
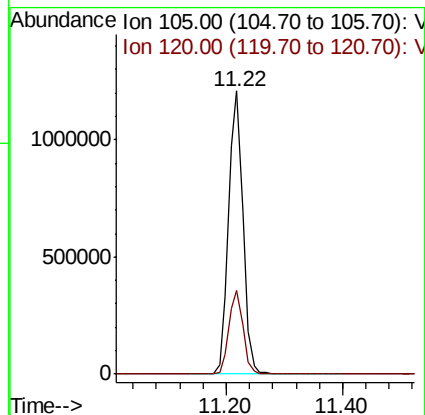
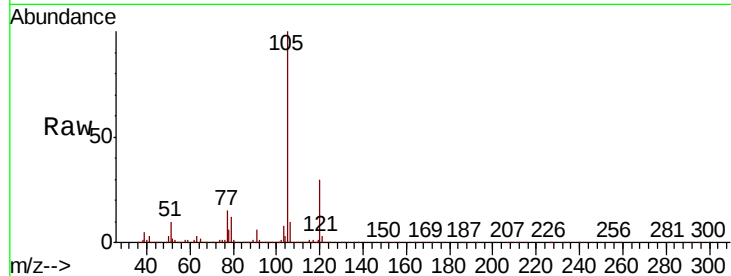
ClientSampleId :

Tot Ion:105 Resp: 2070014

Ion Ratio Lower Upper

105 100

120 29.7 15.1 45.3



#74

N-ethyl acetate

Concen: 48.815 ug/l

RT: 11.44 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion: 43 Resp: 583389

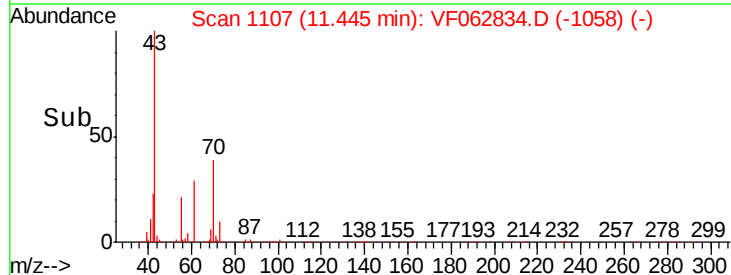
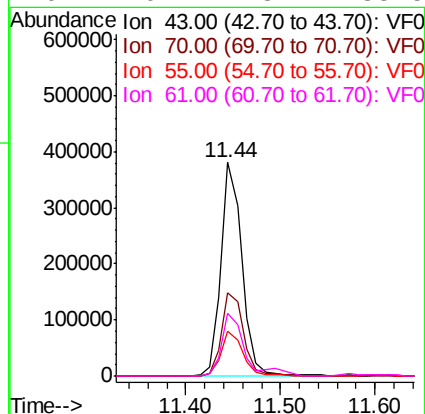
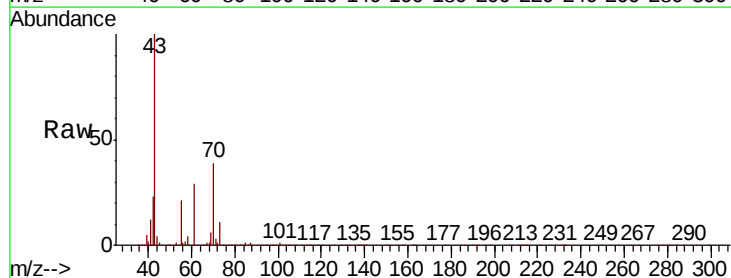
Ion Ratio Lower Upper

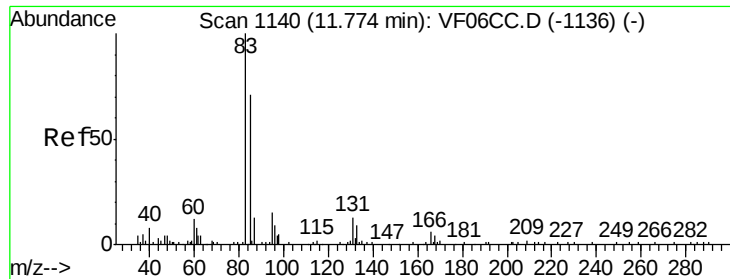
43 100

70 39.2 32.9 49.3

55 21.1 17.3 25.9

61 29.4 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 51.648 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

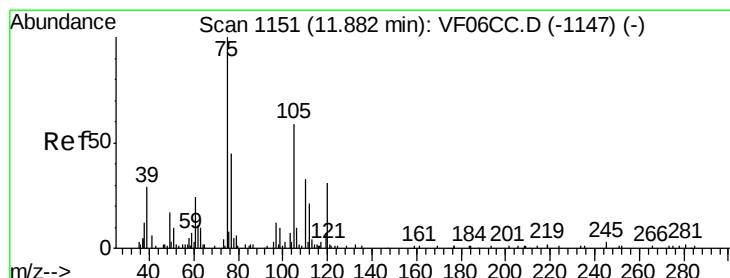
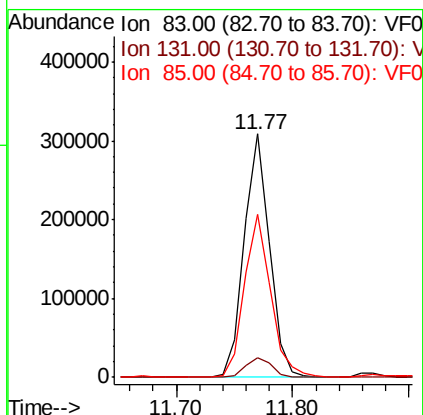
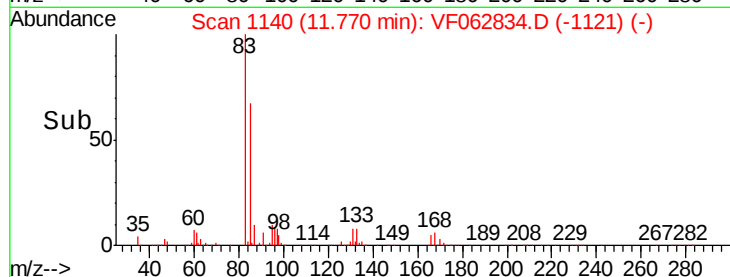
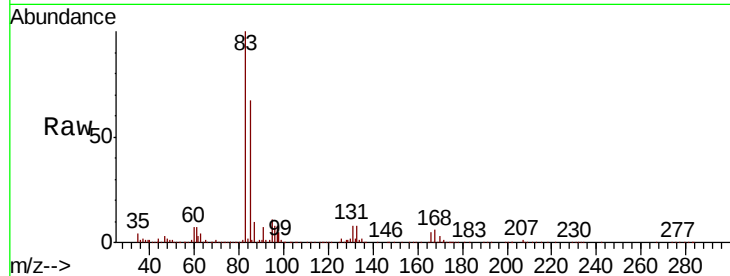
Tot Ion: 83 Resp: 467692

Ion Ratio Lower Upper

83 100

131 8.1 4.9 14.7

85 66.9 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 50.576 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. -0.02 min

Lab File: VF062834.D

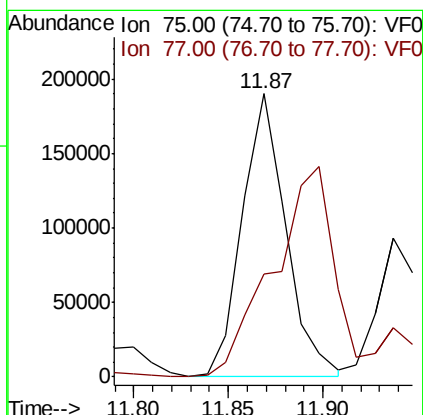
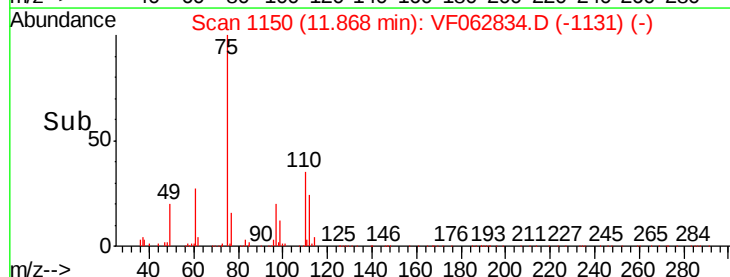
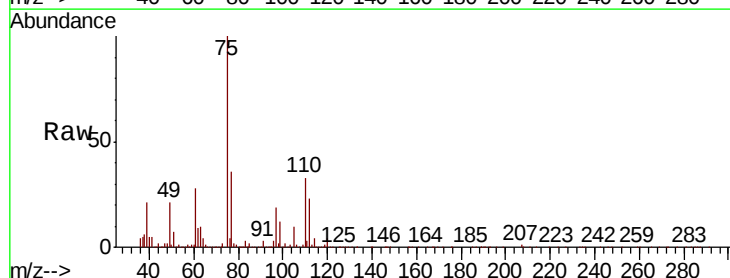
Acq: 3 Jun 2019 17:51

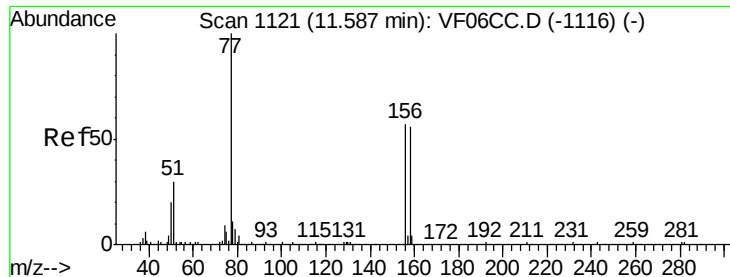
Tgt Ion: 75 Resp: 303578

Ion Ratio Lower Upper

75 100

77 36.4 20.1 60.2





#77

Bromobenzene

Concen: 49.692 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

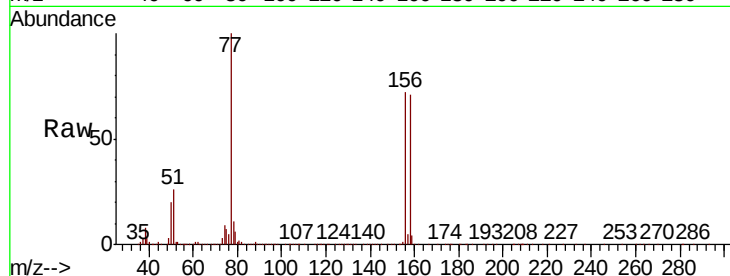
Tot Ion:156 Resp: 529428

Ion Ratio Lower Upper

156 100

77 139.5 64.2 192.6

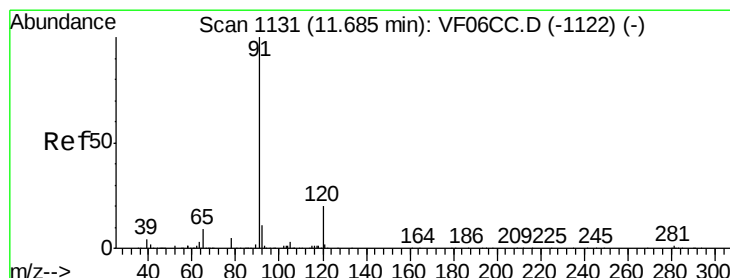
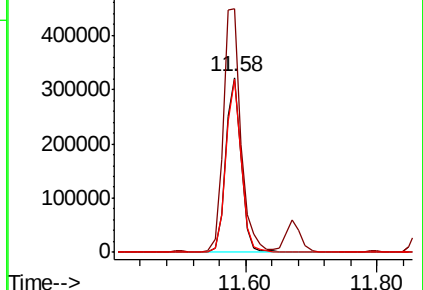
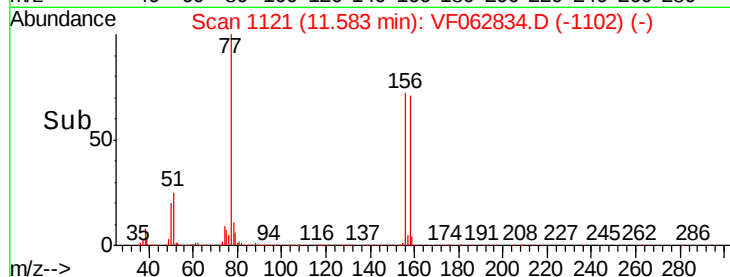
158 99.3 50.3 151.0



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: 47.244 ug/l

RT: 11.67 min Scan# 1130

Delta R.T. -0.02 min

Lab File: VF062834.D

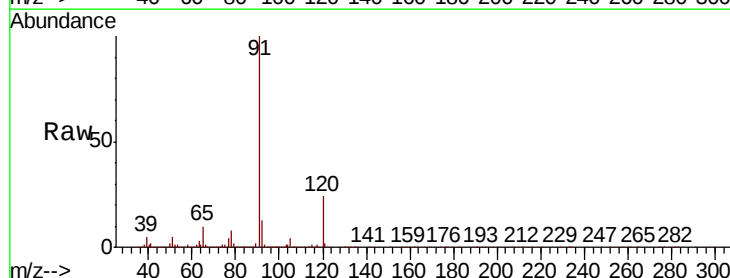
Acq: 3 Jun 2019 17:51

Tgt Ion: 91 Resp: 2418858

Ion Ratio Lower Upper

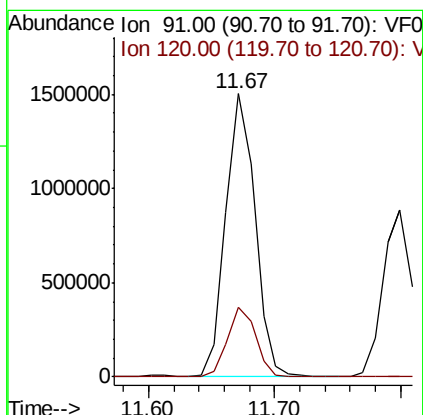
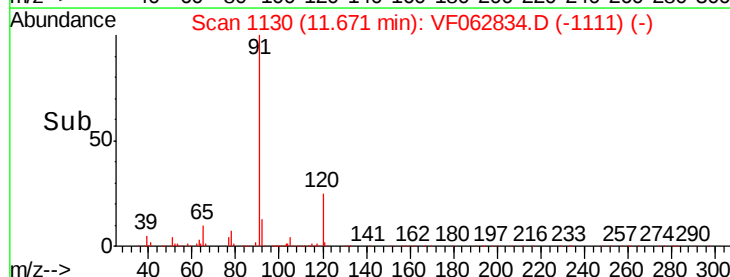
91 100

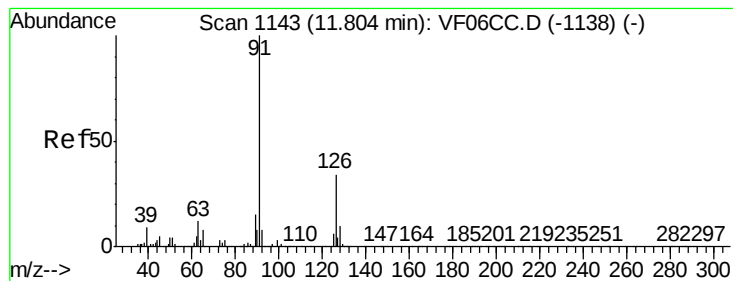
120 24.5 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.736 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

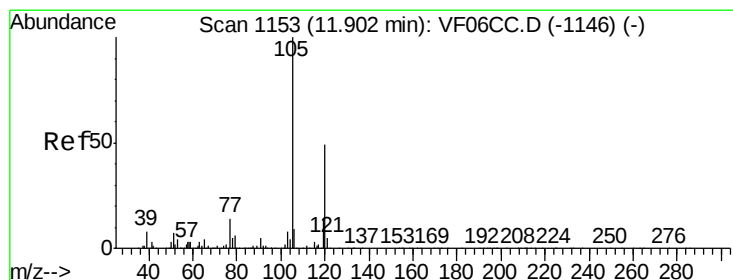
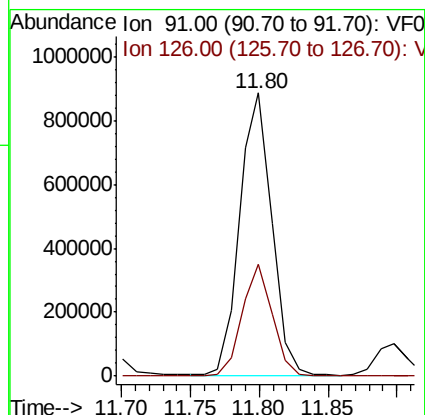
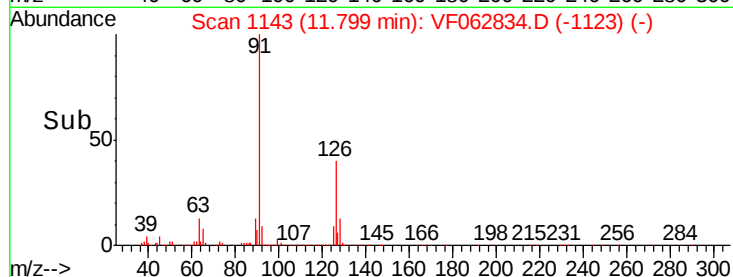
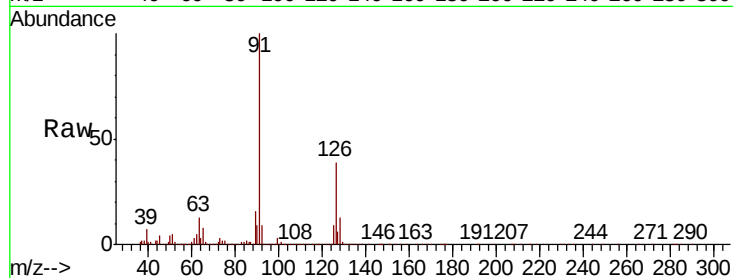
ClientSampleId :

Tot Ion: 91 Resp: 1427759

Ion Ratio Lower Upper

91 100

126 39.3 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 46.446 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. -0.01 min

Lab File: VF062834.D

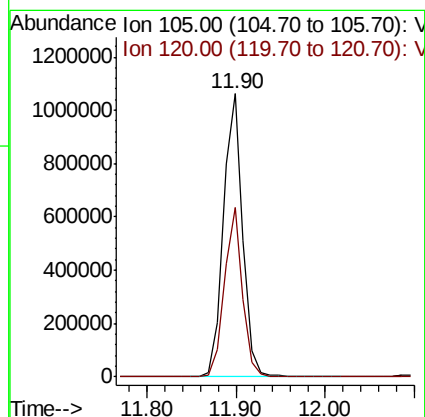
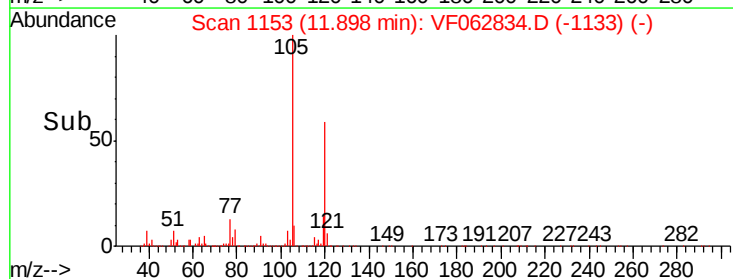
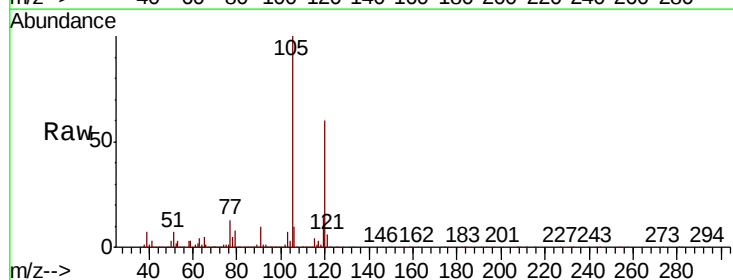
Acq: 3 Jun 2019 17:51

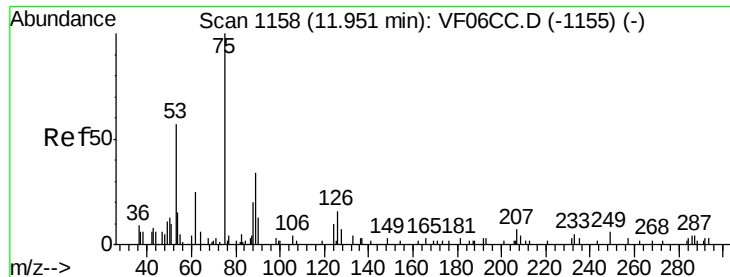
Tgt Ion: 105 Resp: 1610620

Ion Ratio Lower Upper

105 100

120 59.9 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 71.245 ug/l

RT: 11.94 min Scan# 1157

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

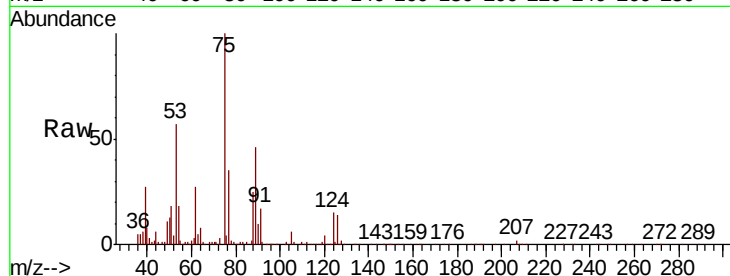
Tot Ion: 75 Resp: 181049

Ion Ratio Lower Upper

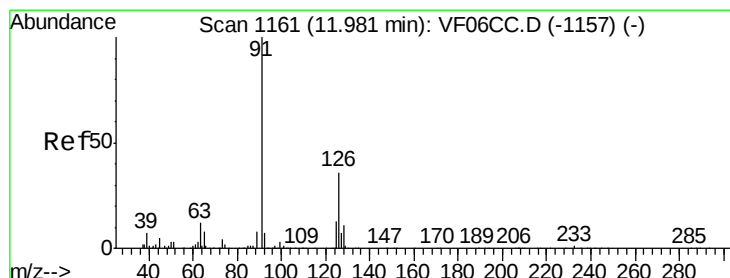
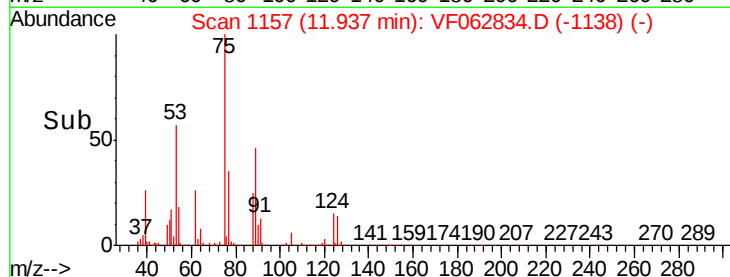
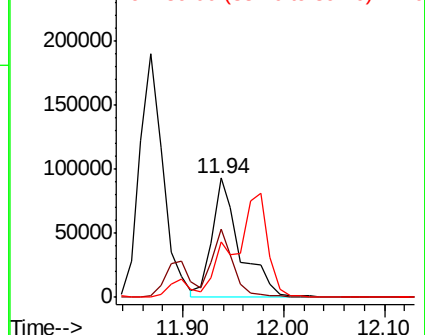
75 100

53 57.2 43.5 65.3

89 46.3 34.3 51.5



Abundance Ion 75.00 (74.70 to 75.70): VF0
Ion 53.00 (52.70 to 53.70): VF0
Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 48.366 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VF062834.D

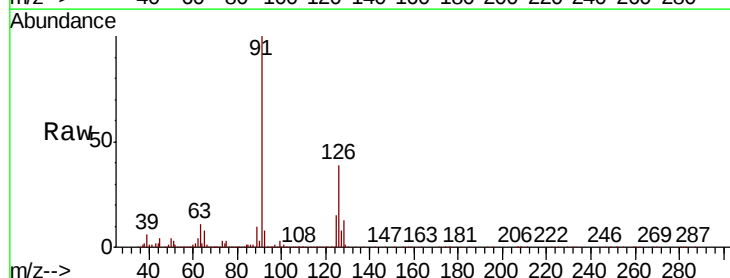
Acq: 3 Jun 2019 17:51

Tgt Ion: 91 Resp: 1392465

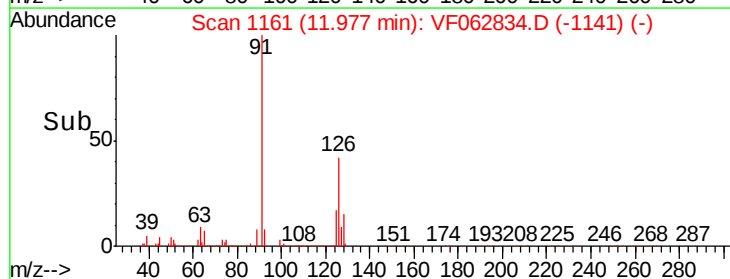
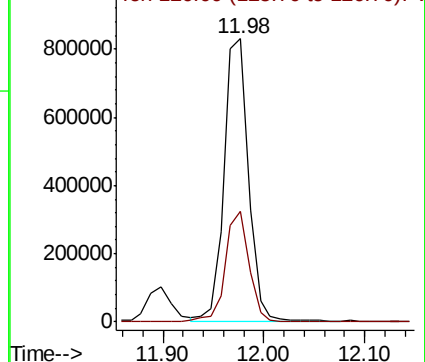
Ion Ratio Lower Upper

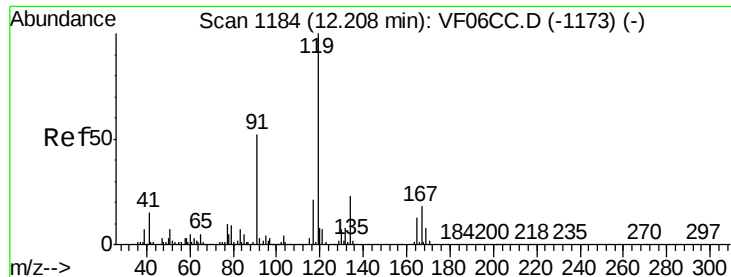
91 100

126 38.9 19.1 57.1



Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 126.00 (125.70 to 126.70): V





#83

tert-Butylbenzene

Concen: 51.527 ug/l

RT: 12.19 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampled :

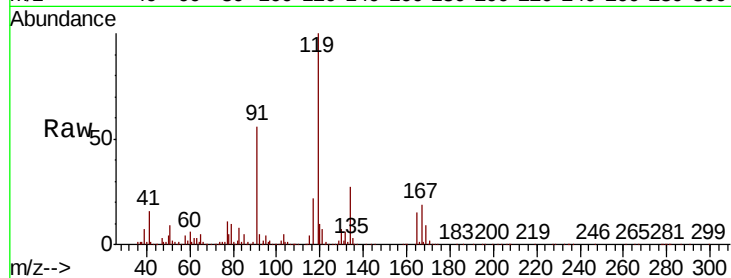
Tot Ion:119 Resp: 1770501

Ion	Ratio	Lower	Upper
119	100		
91	56.2	28.9	86.7
134	27.0	14.3	42.9

119 100

91 56.2 28.9 86.7

134 27.0 14.3 42.9

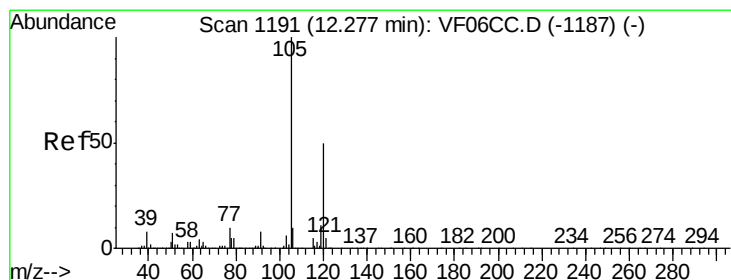
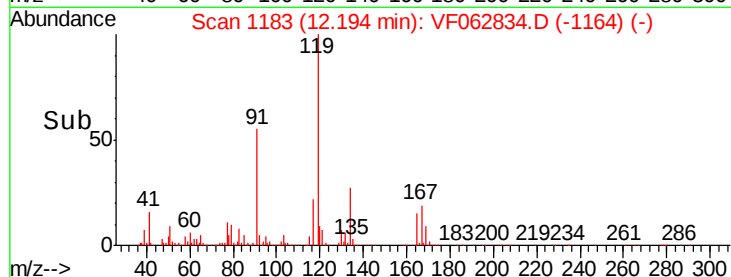
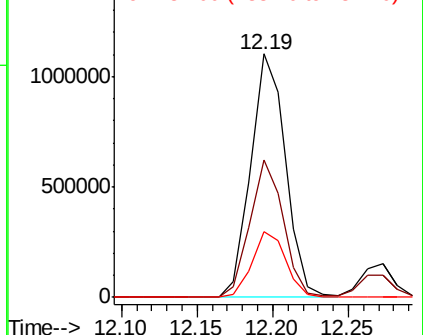


Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.025 ug/l

RT: 12.27 min Scan# 1191

Delta R.T. -0.01 min

Lab File: VF062834.D

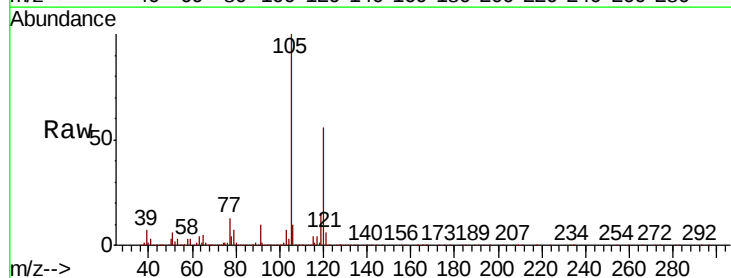
Acq: 3 Jun 2019 17:51

Tgt Ion:105 Resp: 1644742

Ion	Ratio	Lower	Upper
105	100		
120	56.2	27.1	81.3

105 100

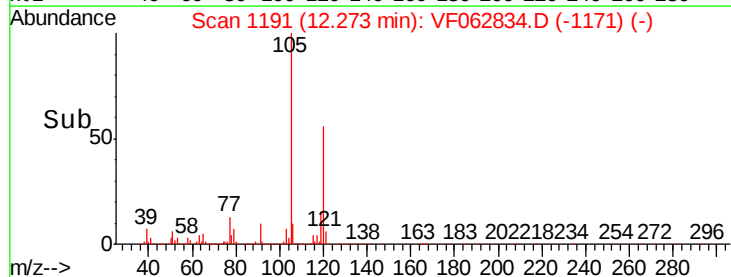
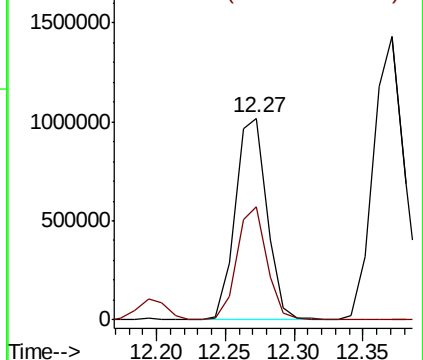
120 56.2 27.1 81.3

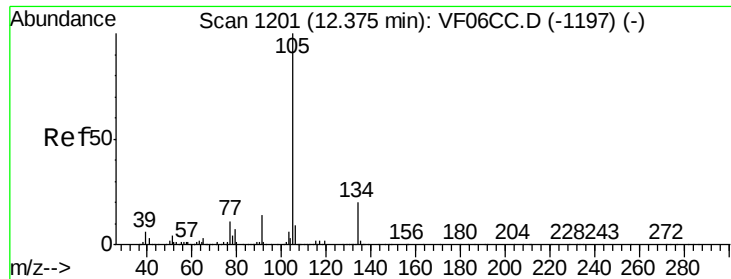


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.591 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

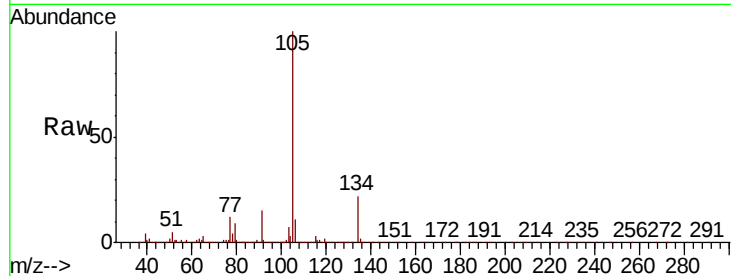
ClientSampleId :

Tot Ion:105 Resp: 2245297

Ion Ratio Lower Upper

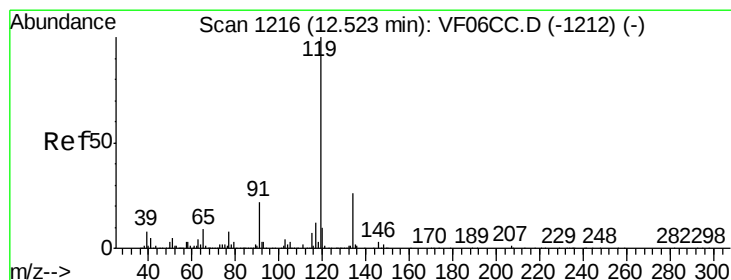
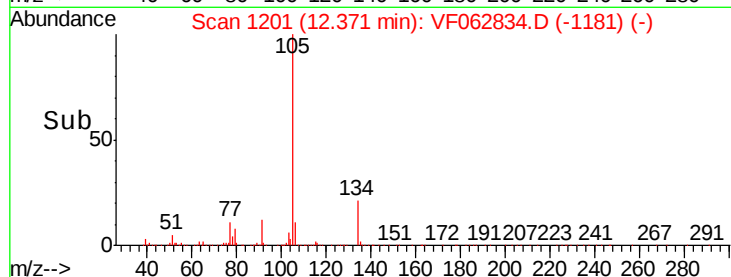
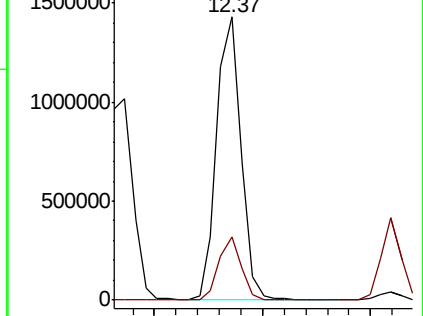
105 100

134 22.3 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.516 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

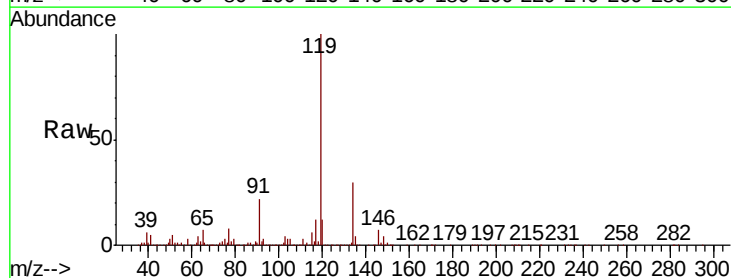
Tgt Ion:119 Resp: 1903781

Ion Ratio Lower Upper

119 100

134 30.3 15.5 46.5

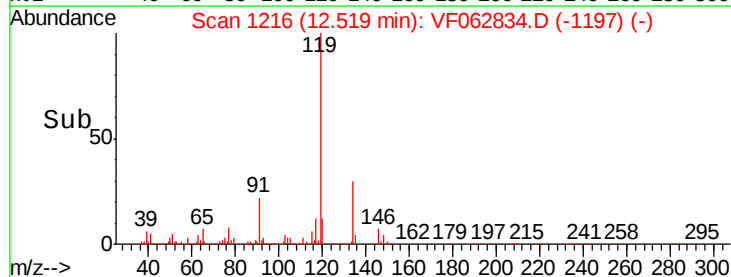
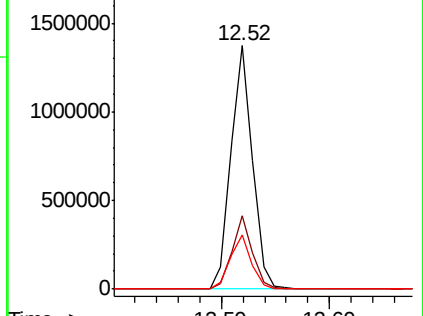
91 22.5 10.3 30.9

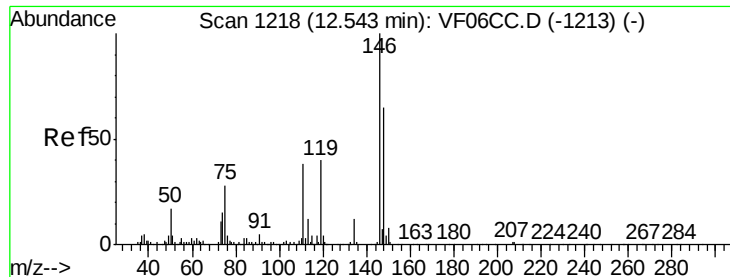


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

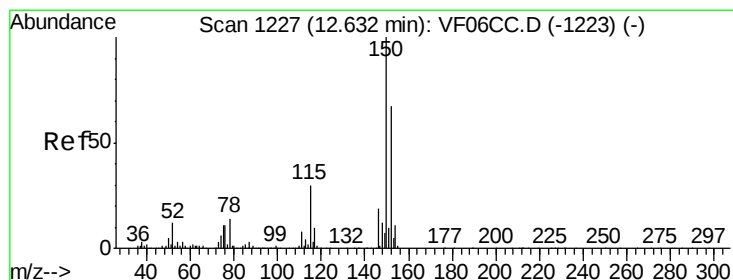
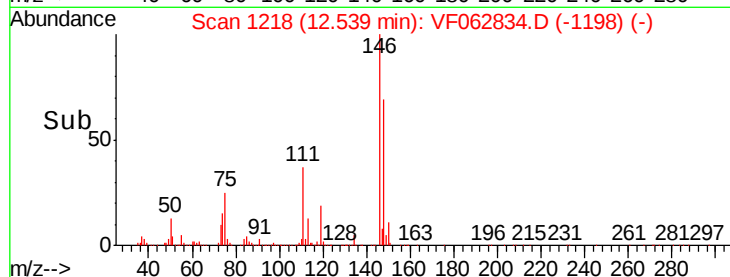
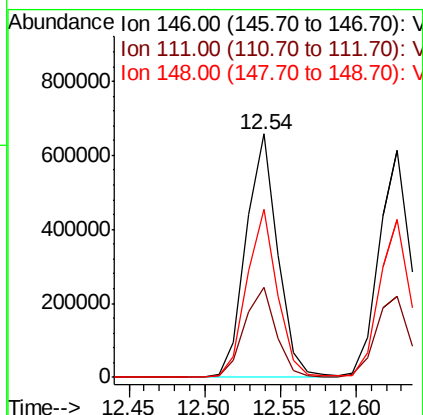
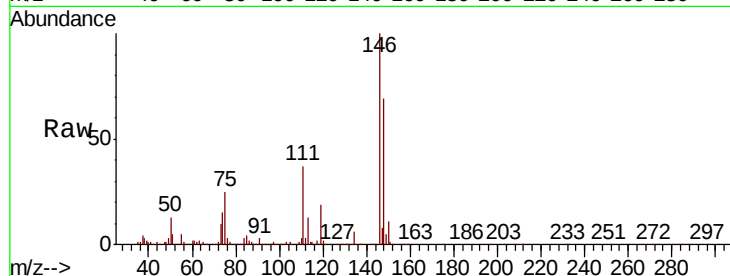




#87
 1,3-Dichlorobenzene
 Concen: 50.958 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

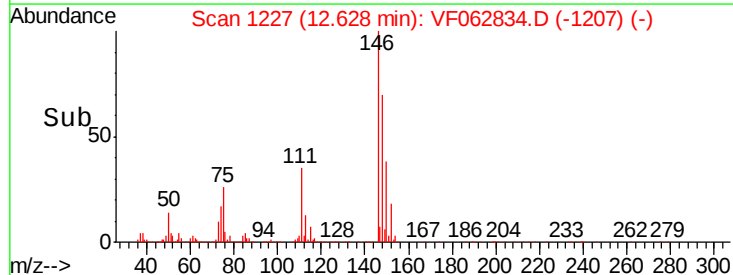
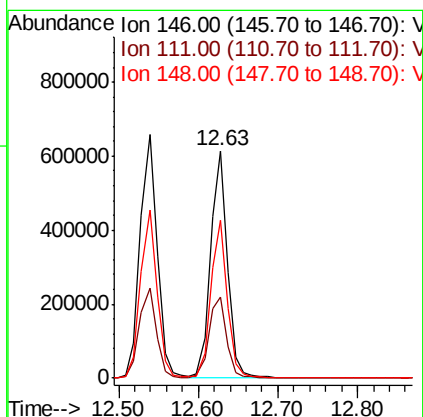
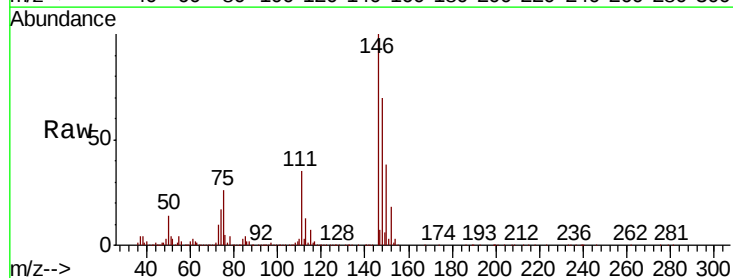
Instrument :
 MSVOA_F
 ClientSampleId :

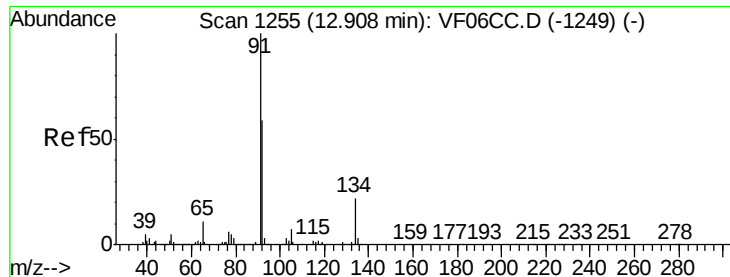
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.6	58.8
148	69.3	34.2	102.5



#88
 1,4-Dichlorobenzene
 Concen: 52.211 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.4	20.3	60.9
148	69.8	34.0	101.8

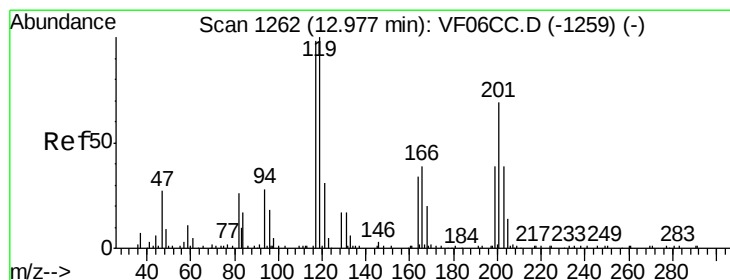
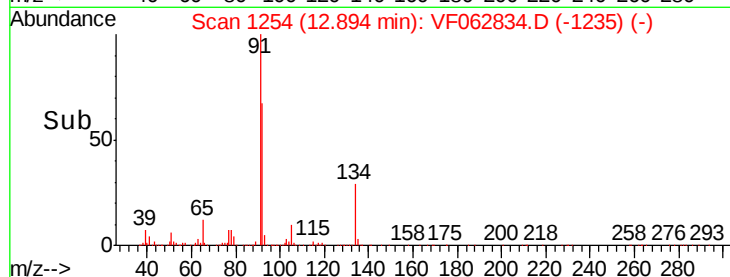
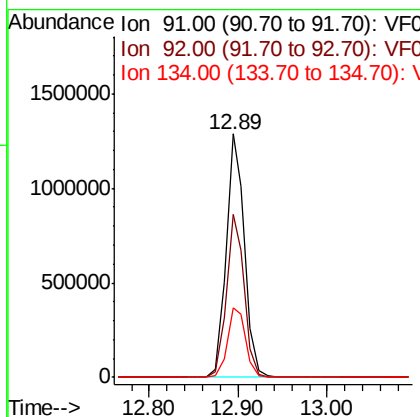
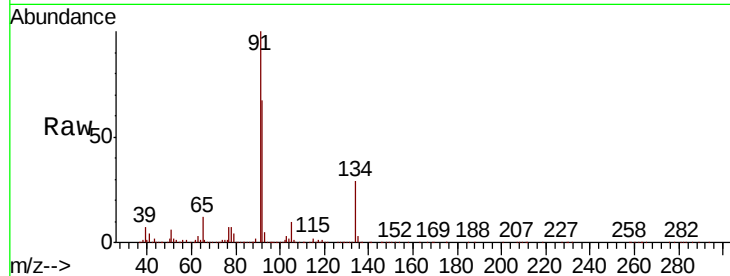




#89
n-Butylbenzene
Concen: 49.315 ug/l
RT: 12.89 min Scan# 1254
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

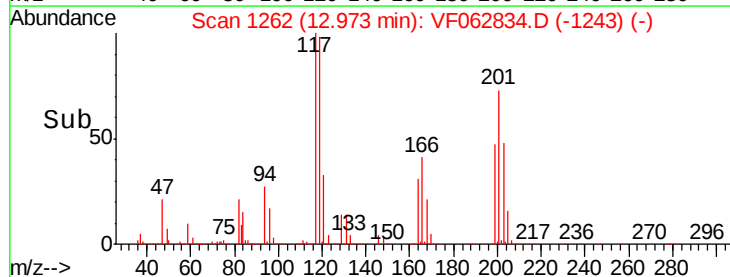
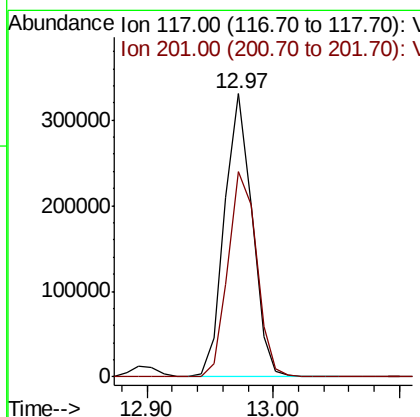
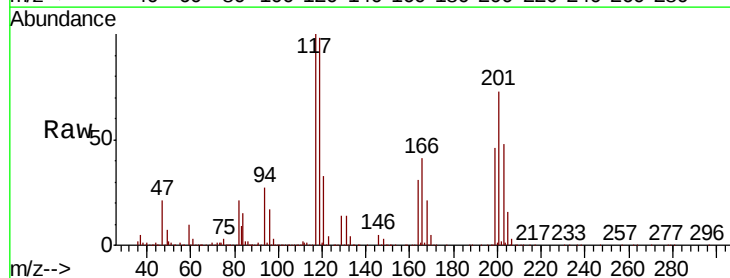
Instrument :
MSVOA_F
ClientSampleId :

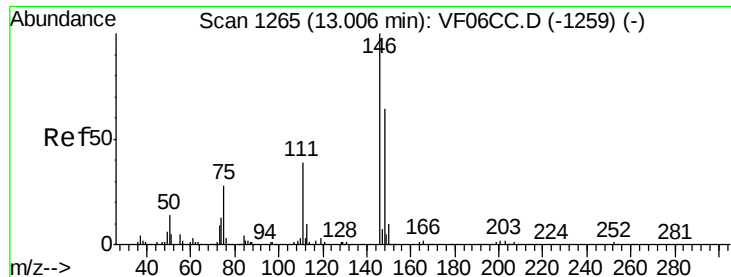
Tot Ion: 91 Resp: 1869524
Ion Ratio Lower Upper
91 100
92 67.2 34.2 102.6
134 28.5 15.8 47.3



#90
Hexachloroethane
Concen: 54.494 ug/l
RT: 12.97 min Scan# 1262
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion: 117 Resp: 500890
Ion Ratio Lower Upper
117 100
201 74.4 38.9 116.7





#91

1,2-Dichlorobenzene

Concen: 51.831 ug/l

RT: 12.99 min Scan# 1264

Delta R.T. -0.02 min

Lab File: VF062834.D

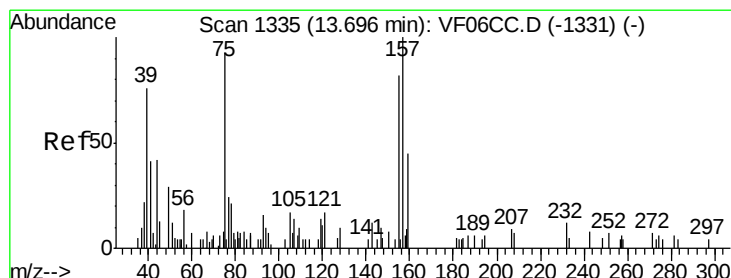
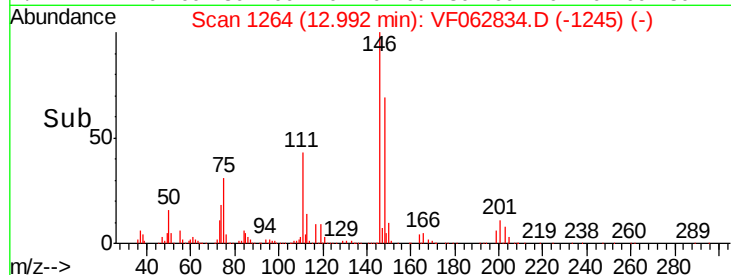
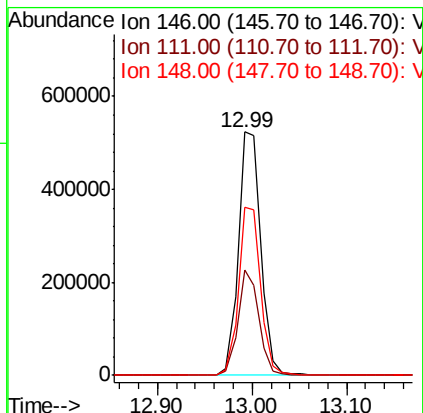
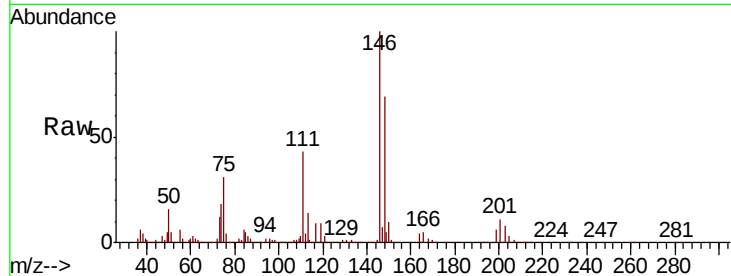
Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	146	Resp:	856002
Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.4	61.3
148	68.9	34.1	102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.247 ug/l

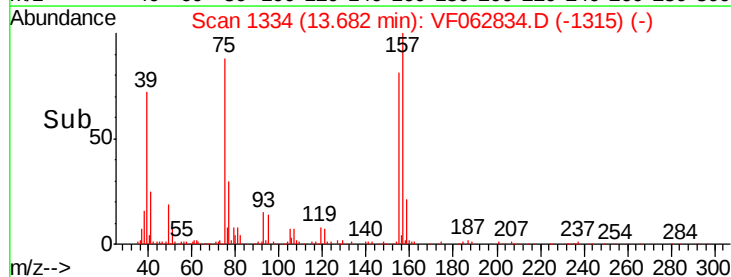
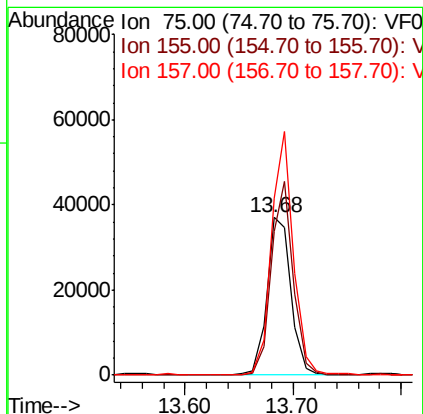
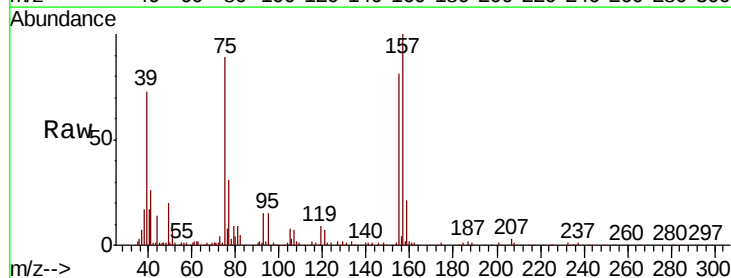
RT: 13.68 min Scan# 1334

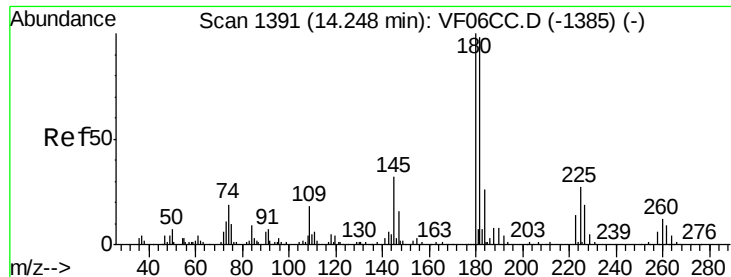
Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion:	75	Resp:	58450
Ion	Ratio	Lower	Upper
75	100		
155	91.5	51.7	155.1
157	112.6	66.8	200.6

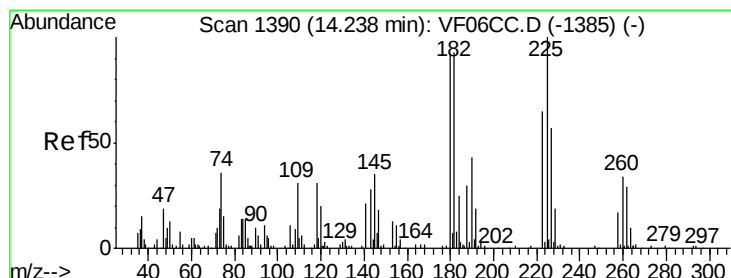
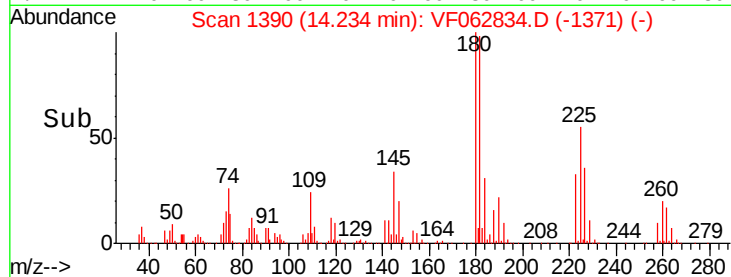
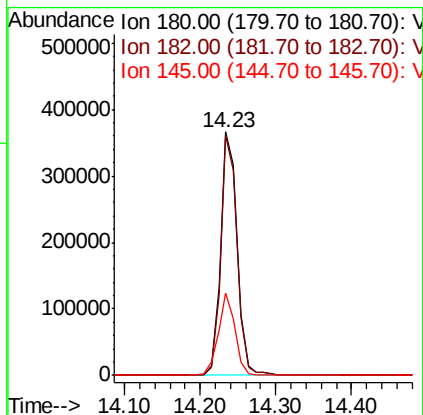
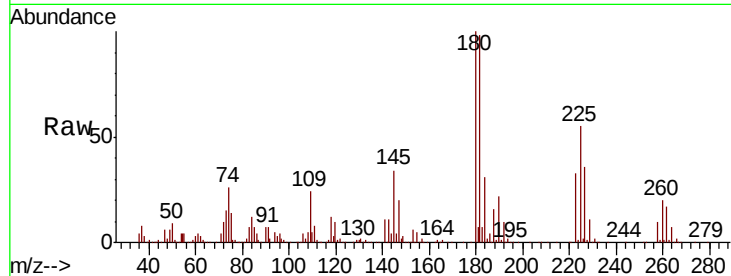




#93
 1,2,4-Trichlorobenzene
 Concen: 49.736 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

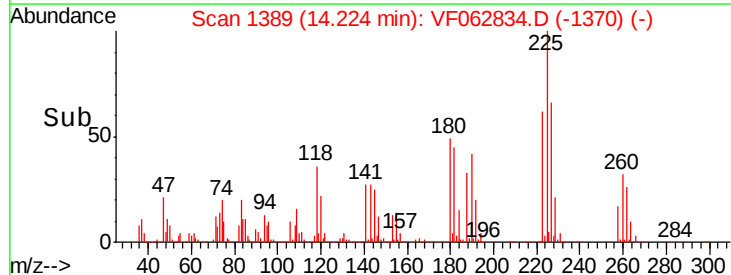
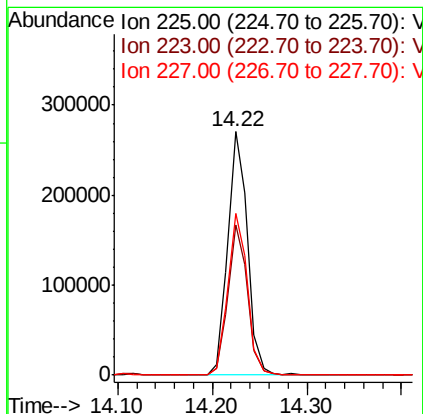
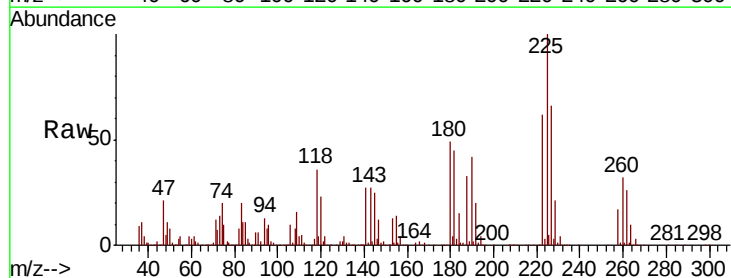
Instrument :
 MSVOA_F
 ClientSampled :

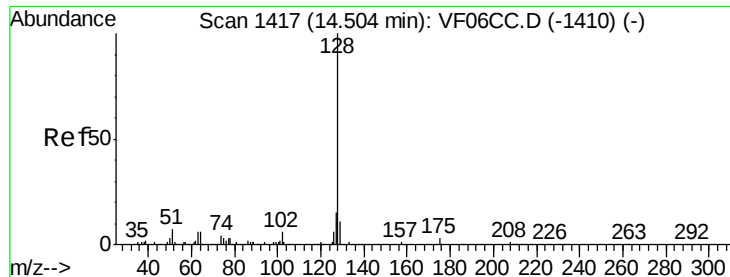
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	50.3	150.9
145	33.9	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 49.518 ug/l
 RT: 14.22 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	30.8	92.4
227	66.2	31.9	95.5

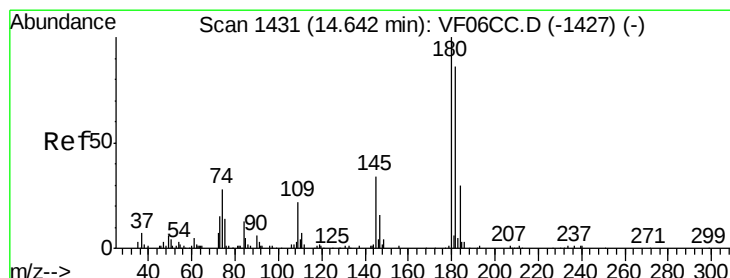
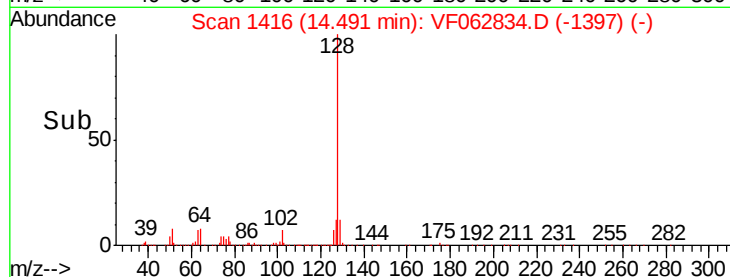
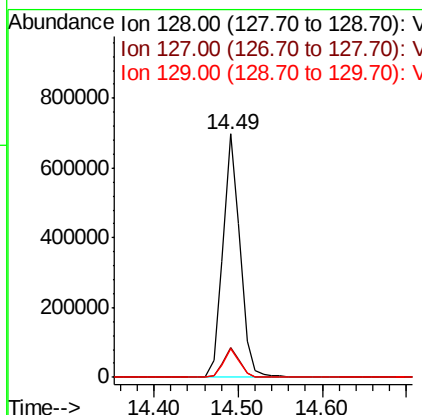
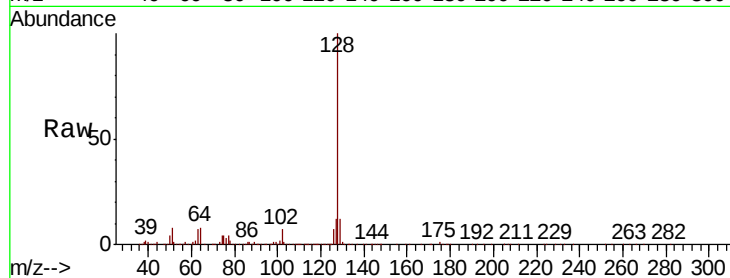




#95
Naphthalene
Concen: 53.377 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:128 Resp: 991614
Ion Ratio Lower Upper
128 100
127 12.2 9.7 14.5
129 11.6 9.4 14.2



#96
1,2,3-Trichlorobenzene
Concen: 51.416 ug/l
RT: 14.64 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion:180 Resp: 532214
Ion Ratio Lower Upper
180 100
182 100.6 48.6 145.9
145 29.9 15.7 47.0

