

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032619\
 Data File : VF062142.D
 Acq On : 26 Mar 2019 13:05
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Mar 27 05:14:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	265007	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	5.58	114	414300	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.75	117	343118	50.00	ug/l	-0.06
72) 1,4-Dichlorobenzene-d4	12.54	152	180677	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	96907	49.16	ug/l	-0.06
Spiked Amount			Recovery	=	98.32%	
35) Dibromofluoromethane	4.10	113	135880	48.48	ug/l	-0.05
Spiked Amount			Recovery	=	96.96%	
50) Toluene-d8	7.53	98	407784	48.74	ug/l	-0.06
Spiked Amount			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.40	95	157370	48.73	ug/l	-0.04
Spiked Amount			Recovery	=	97.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.96	85	159804	47.071	ug/l	96
3) Chloromethane	1.09	50	168781	47.513	ug/l	100
4) Vinyl Chloride	1.14	62	157279	47.866	ug/l	99
5) Bromomethane	1.31	94	110791	46.906	ug/l	92
6) Chloroethane	1.39	64	83797	50.661	ug/l	100
7) Trichlorofluoromethane	1.48	101	207713	52.342	ug/l	96
8) Diethyl Ether	1.62	74	41273	45.531	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	1.83	101	134126	49.542	ug/l	95
10) Methyl Iodide	1.90	142	205789	40.000	ug/l	95
11) Tert butyl alcohol	2.56	59	25998	239.710	ug/l #	85
12) 1,1-Dichloroethene	1.79	96	128579	50.335	ug/l	93
13) Acrolein	2.00	56	35247	270.261	ug/l	89
14) Allyl chloride	2.09	41	153256	56.194	ug/l	97
15) Acrylonitrile	2.92	53	86226	226.088	ug/l	99
16) Acetone	2.22	43	119213	287.358	ug/l	96
17) Carbon Disulfide	1.81	76	389781	50.039	ug/l	100
18) Methyl Acetate	2.33	43	47358	47.856	ug/l	97
19) Methyl tert-butyl Ether	2.41	73	193804	48.003	ug/l	98
20) Methylene Chloride	2.17	84	52950	19.253	ug/l	98
21) trans-1,2-Dichloroethene	2.29	96	127644	51.934	ug/l	94
22) Diisopropyl ether	2.79	45	358051	50.074	ug/l	98
23) Vinyl Acetate	3.17	43	744249	254.216	ug/l	97
24) 1,1-Dichloroethane	2.86	63	215286	50.206	ug/l	100
25) 2-Butanone	4.32	43	220703	254.832	ug/l	97
26) 2,2-Dichloropropane	3.58	77	92814	53.385	ug/l	97
27) cis-1,2-Dichloroethene	3.46	96	156029	47.907	ug/l	98
28) Bromochloromethane	3.70	49	90733	51.789	ug/l	97
29) Tetrahydrofuran	4.05	42	83481	221.697	ug/l	98
30) Chloroform	3.84	83	228669	50.460	ug/l	95
31) Cyclohexane	3.67	56	214890	47.983	ug/l	99
32) 1,1,1-Trichloroethane	4.08	97	135867	49.287	ug/l	99
36) 1,1-Dichloropropene	4.26	75	189530	48.028	ug/l	98
37) Ethyl Acetate	4.09	43	77739	45.076	ug/l	92
38) Carbon Tetrachloride	3.97	117	139832	51.990	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032619\
 Data File : VF062142.D
 Acq On : 26 Mar 2019 13:05
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Mar 27 05:14:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.43	83	215969	47.155	ug/l	95
40) Benzene	4.61	78	504159	47.657	ug/l	98
41) Methacrylonitrile	4.73	41	39924	43.752	ug/l	95
42) 1,2-Dichloroethane	4.92	62	126916	50.732	ug/l	96
43) Isopropyl Acetate	6.94	43	95002	45.486	ug/l	97
44) Trichloroethene	5.48	130	153944	47.596	ug/l	99
45) 1,2-Dichloropropane	6.22	63	126256	50.038	ug/l	90
46) Dibromomethane	6.07	93	73028	47.336	ug/l	96
47) Bromodichloromethane	6.37	83	162695	47.610	ug/l	99
48) Methyl methacrylate	6.69	41	54656	45.961	ug/l	97
49) 1,4-Dioxane	6.68	88	10370	993.802	ug/l	96
51) 4-Methyl-2-Pentanone	8.24	43	333417	238.510	ug/l	99
52) Toluene	7.60	92	305901	49.923	ug/l	97
53) t-1,3-Dichloropropene	8.26	75	139229	51.901	ug/l	93
54) cis-1,3-Dichloropropene	7.28	75	188214	49.036	ug/l	96
55) 1,1,2-Trichloroethane	8.47	97	82966	47.669	ug/l	96
56) Ethyl methacrylate	8.60	69	96546	46.512	ug/l	96
57) 1,3-Dichloropropane	8.83	76	144340	49.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.27	63	79202	251.457	ug/l	94
59) 2-Hexanone	9.47	43	234231	228.620	ug/l	98
60) Dibromochloromethane	8.69	129	125313	51.792	ug/l	97
61) 1,2-Dibromoethane	8.97	107	91542	49.299	ug/l	98
64) Tetrachloroethene	8.13	164	132855	50.118	ug/l	94
65) Chlorobenzene	9.78	112	323261	50.352	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.91	131	131895	51.146	ug/l	99
67) Ethyl Benzene	9.88	91	566454	50.735	ug/l	98
68) m/p-Xylenes	10.11	106	417203	99.977	ug/l	97
69) o-Xylene	10.70	106	223376	51.109	ug/l	98
70) Styrene	10.77	104	325727	49.188	ug/l	98
71) Bromoform	10.75	173	64781	49.113	ug/l	99
73) Isopropylbenzene	11.11	105	618725	48.666	ug/l	100
74) N-amyl acetate	11.36	43	147916	48.828	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.68	83	106517	48.795	ug/l	99
76) 1,2,3-Trichloropropane	11.86	75	40651	26.461	ug/l	99
77) Bromobenzene	11.48	156	148759	47.892	ug/l	96
78) n-propylbenzene	11.58	91	723033	48.977	ug/l	96
79) 2-Chlorotoluene	11.70	91	402138	49.008	ug/l	95
80) 1,3,5-Trimethylbenzene	11.81	105	525960	50.295	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.86	75	40651	64.938	ug/l	100
82) 4-Chlorotoluene	11.88	91	405127	48.153	ug/l	98
83) tert-Butylbenzene	12.12	119	570760	52.138	ug/l	99
84) 1,2,4-Trimethylbenzene	12.19	105	516459	50.378	ug/l	100
85) sec-Butylbenzene	12.29	105	710842	50.195	ug/l	98
86) p-Isopropyltoluene	12.44	119	629468	51.304	ug/l	96
87) 1,3-Dichlorobenzene	12.46	146	285908	49.544	ug/l	94
88) 1,4-Dichlorobenzene	12.55	146	277279	49.240	ug/l	98
89) n-Butylbenzene	12.84	91	580962	49.631	ug/l	98
90) Hexachloroethane	12.90	117	153947	52.695	ug/l	83
91) 1,2-Dichlorobenzene	12.92	146	266133	49.113	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.63	75	16294	49.263	ug/l	81

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062142.D
Acq On : 26 Mar 2019 13:05
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Mar 27 05:14:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration

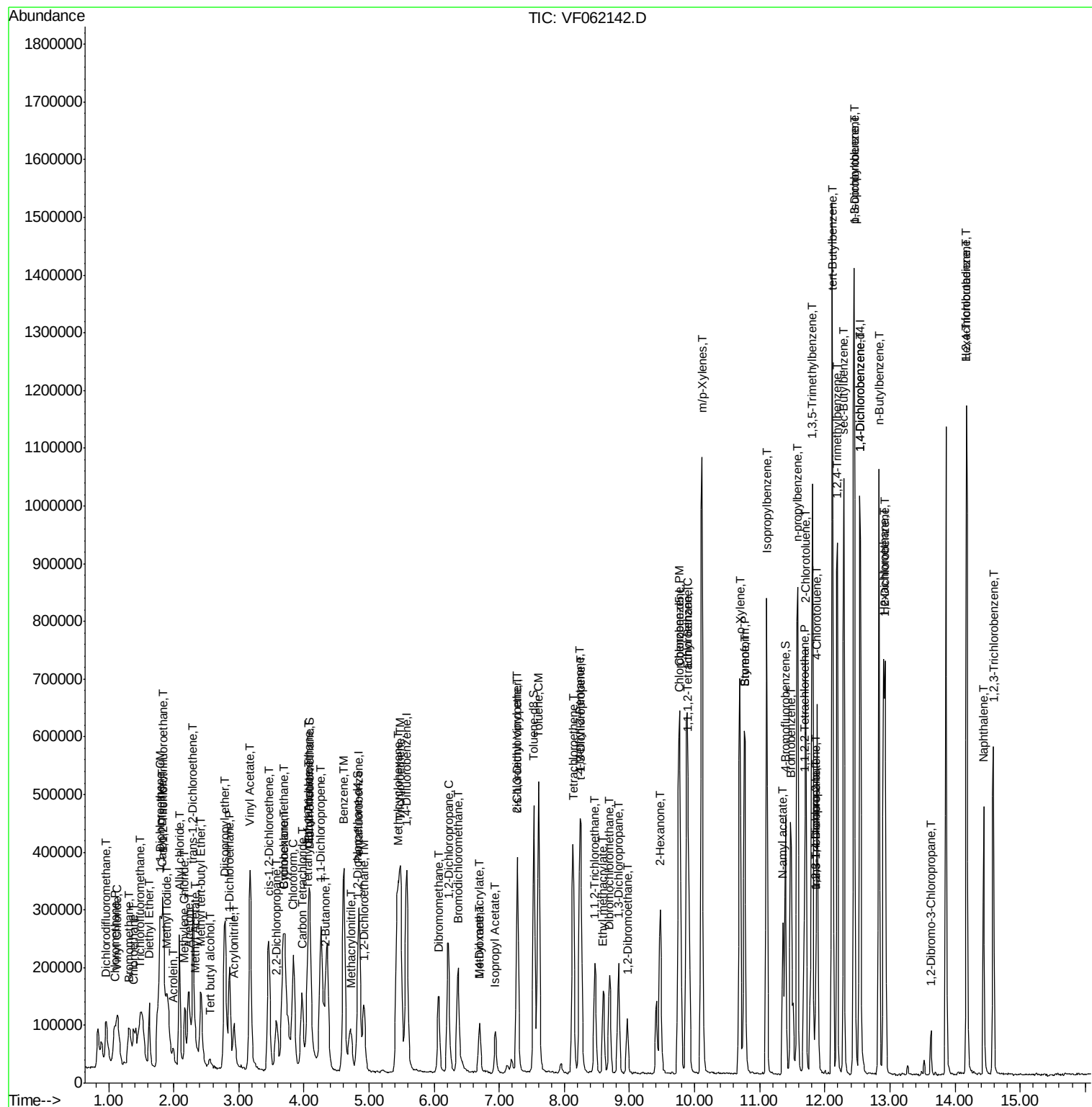
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.19	180	190702	50.496	ug/l	98
94) Hexachlorobutadiene	14.18	225	131994	52.565	ug/l	96
95) Naphthalene	14.44	128	328419	49.624	ug/l	100
96) 1,2,3-Trichlorobenzene	14.59	180	178518	50.499	ug/l	99

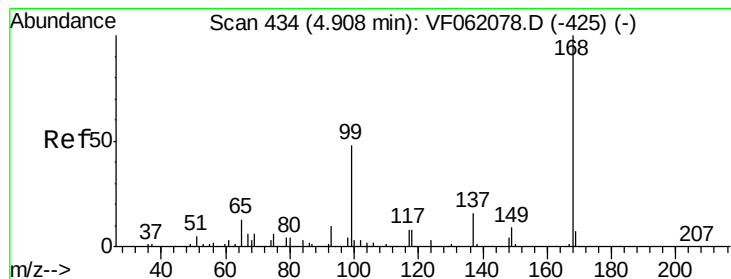
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062142.D
Acq On : 26 Mar 2019 13:05
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampled :

Quant Time: Mar 27 05:14:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.06 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

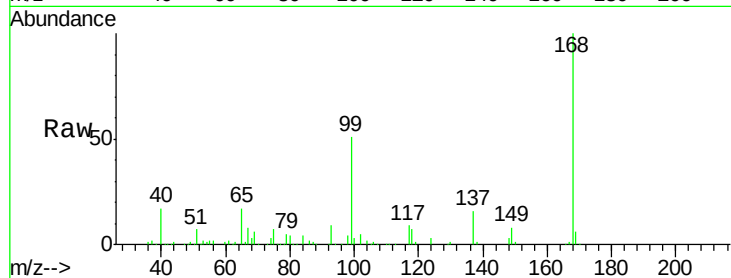
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 265007

Ion Ratio Lower Upper

168 100

99 50.5 38.2 57.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

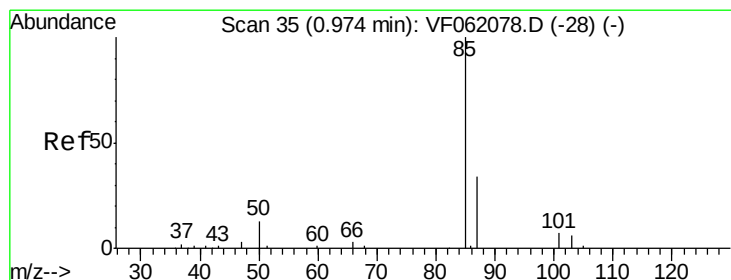
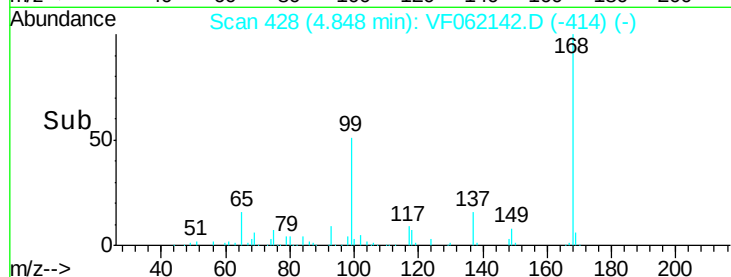
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.071 ug/l

RT: 0.96 min Scan# 34

Delta R.T. -0.01 min

Lab File: VF062142.D

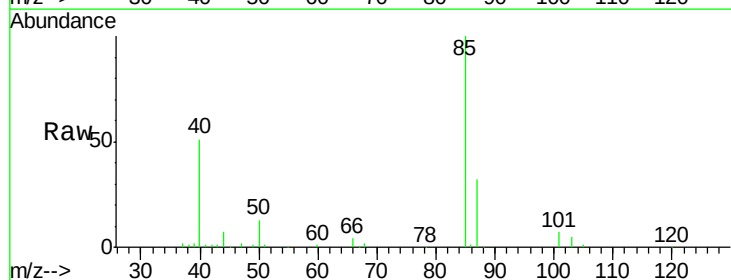
Acq: 26 Mar 2019 13:05

Tgt Ion: 85 Resp: 159804

Ion Ratio Lower Upper

85 100

87 31.6 17.0 51.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.96

50000

40000

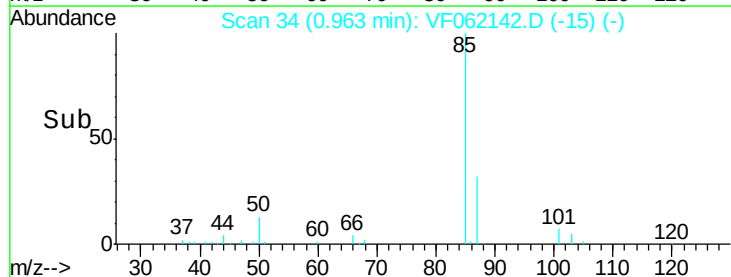
30000

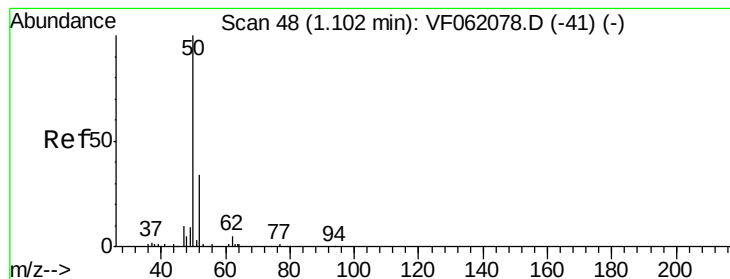
20000

10000

0

Time-->





#3

Chloromethane

Concen: 47.513 ug/l

RT: 1.09 min Scan# 47

Delta R.T. -0.01 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

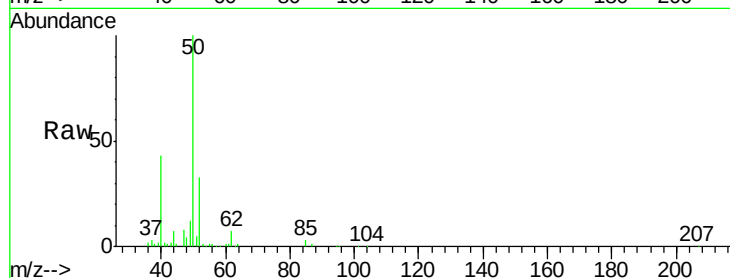
ClientSampleId :

Tot Ion: 50 Resp: 168781

Ion Ratio Lower Upper

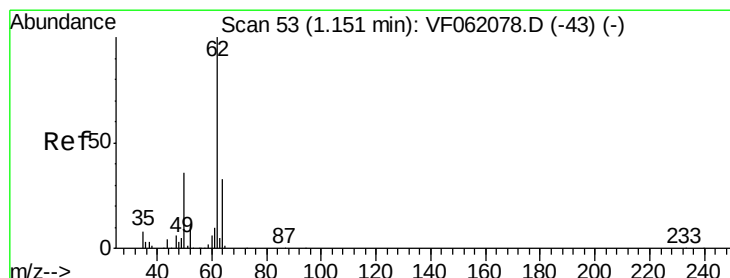
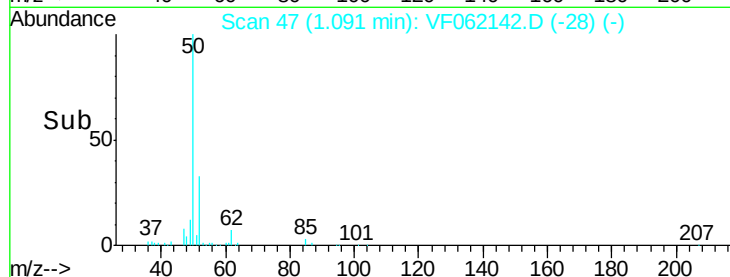
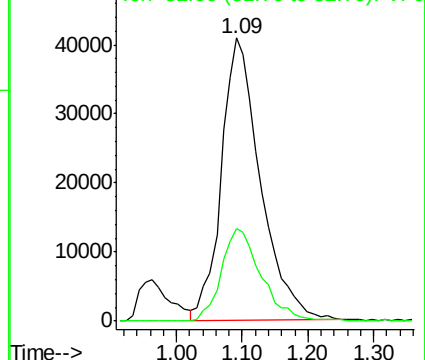
50 100

52 32.7 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 47.866 ug/l

RT: 1.14 min Scan# 52

Delta R.T. -0.01 min

Lab File: VF062142.D

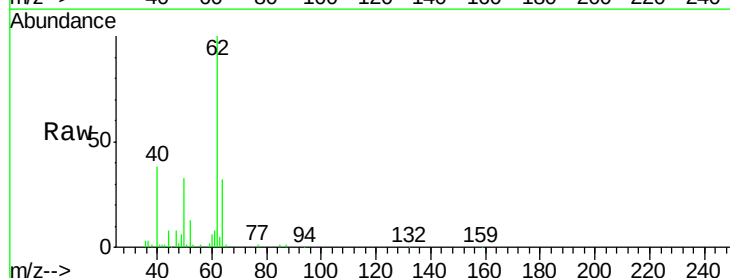
Acq: 26 Mar 2019 13:05

Tgt Ion: 62 Resp: 157279

Ion Ratio Lower Upper

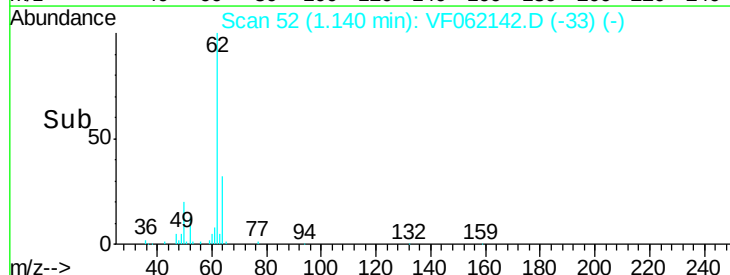
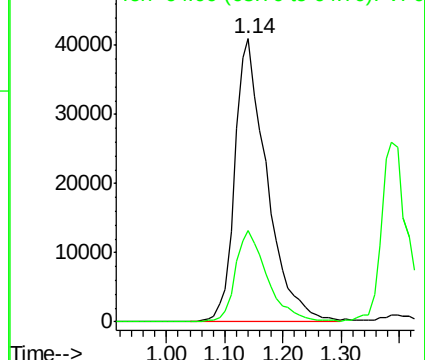
62 100

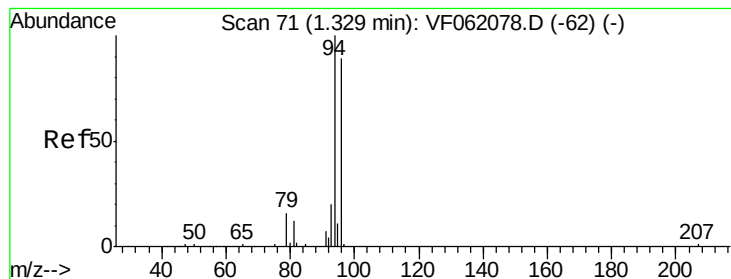
64 32.1 26.2 39.2



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 46.906 ug/l

RT: 1.31 min Scan# 69

Delta R.T. -0.02 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

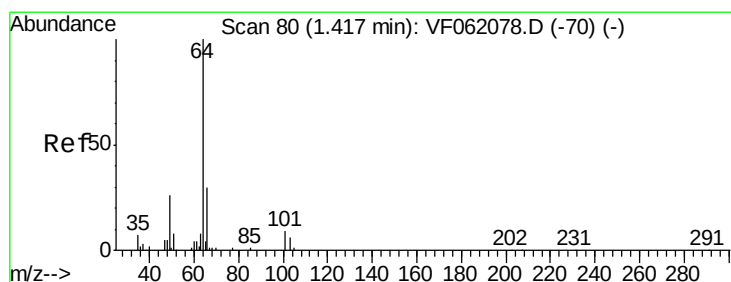
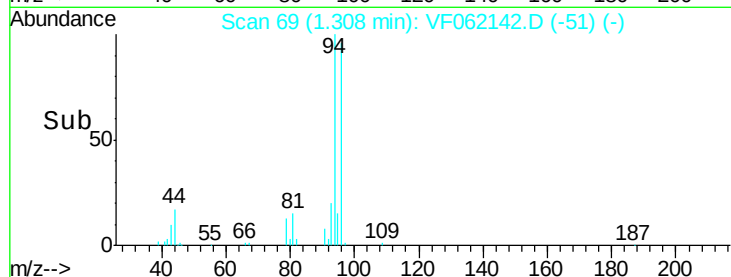
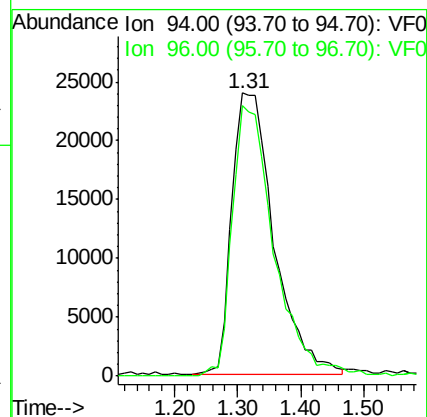
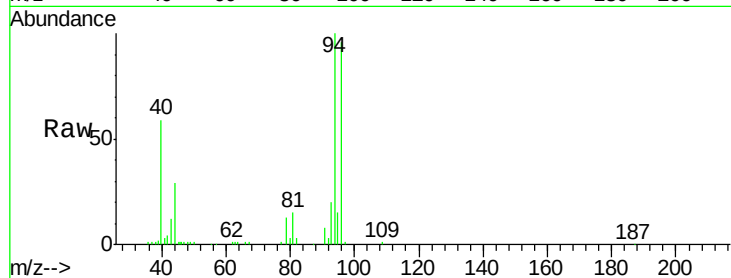
ClientSampled :

Tot Ion: 94 Resp: 110791

Ion Ratio Lower Upper

94 100

96 95.6 70.9 106.3



#6

Chloroethane

Concen: 50.661 ug/l

RT: 1.39 min Scan# 77

Delta R.T. -0.03 min

Lab File: VF062142.D

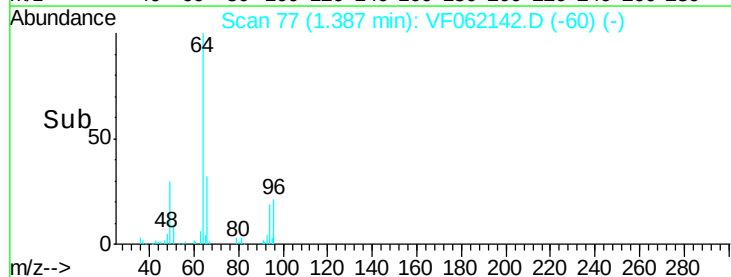
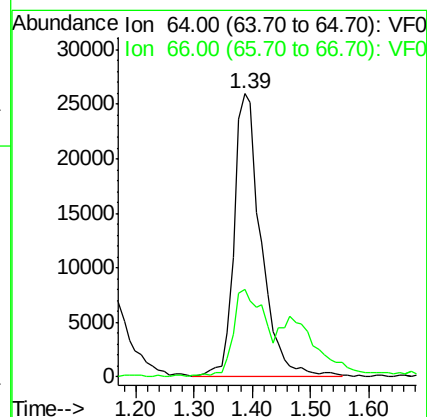
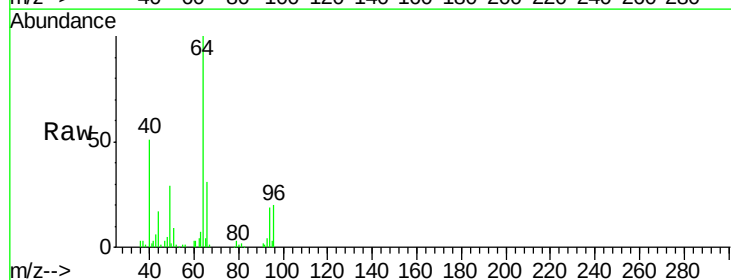
Acq: 26 Mar 2019 13:05

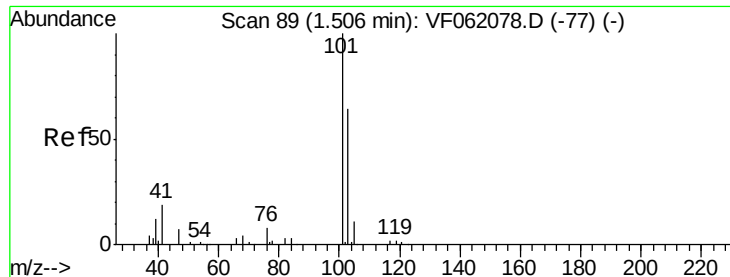
Tgt Ion: 64 Resp: 83797

Ion Ratio Lower Upper

64 100

66 30.8 24.5 36.7



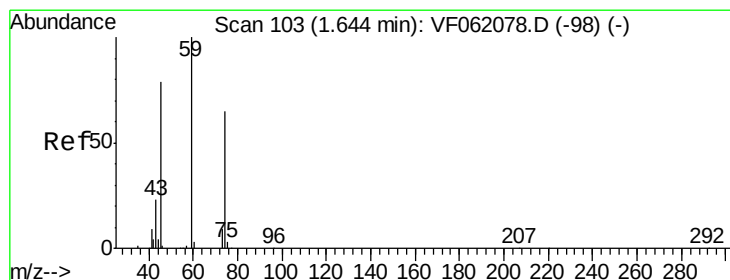
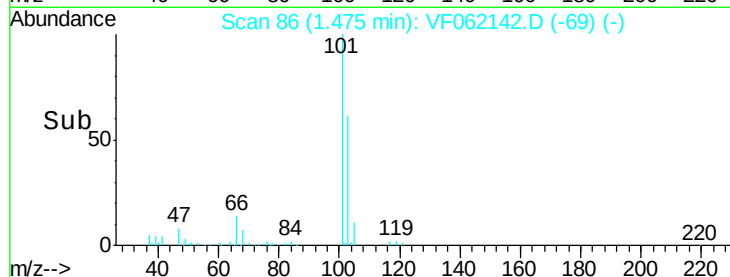
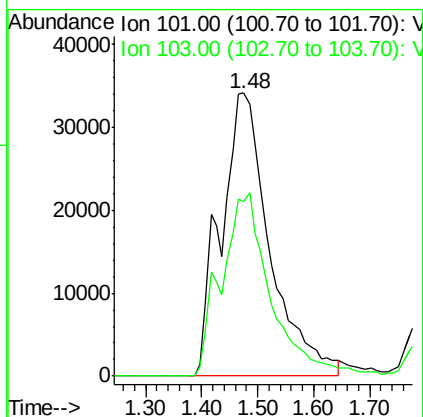
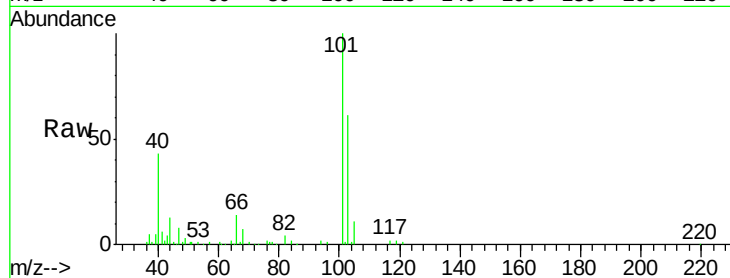


#7

Trichlorofluoromethane
Concen: 52.342 ug/l
RT: 1.48 min Scan# 86
Delta R.T. -0.03 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Instrument :
MSVOA_F
ClientSampleId :

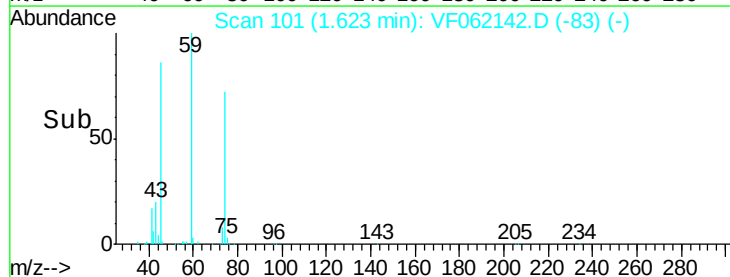
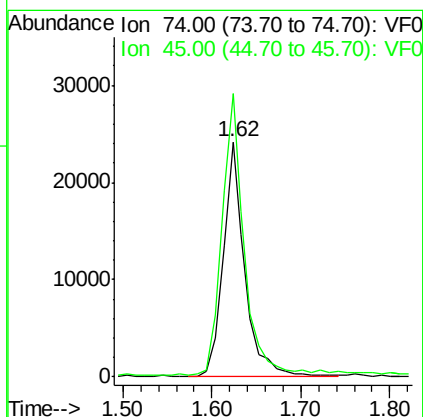
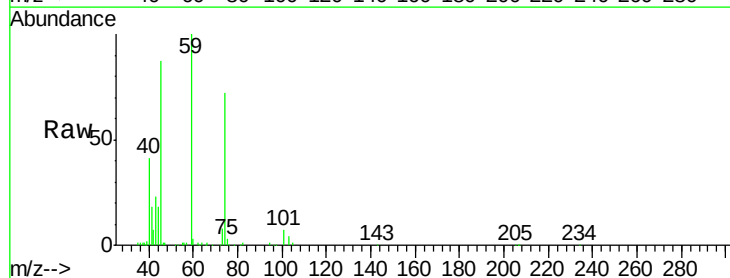
Tot Ion:101 Resp: 207713
Ion Ratio Lower Upper
101 100
103 61.5 51.5 77.3

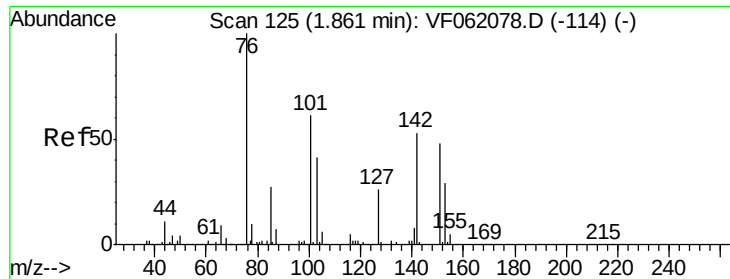


#8

Diethyl Ether
Concen: 45.531 ug/l
RT: 1.62 min Scan# 101
Delta R.T. -0.02 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Tgt Ion: 74 Resp: 41273
Ion Ratio Lower Upper
74 100
45 120.5 61.4 184.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.542 ug/l

RT: 1.83 min Scan# 122

Delta R.T. -0.03 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

ClientSampleId :

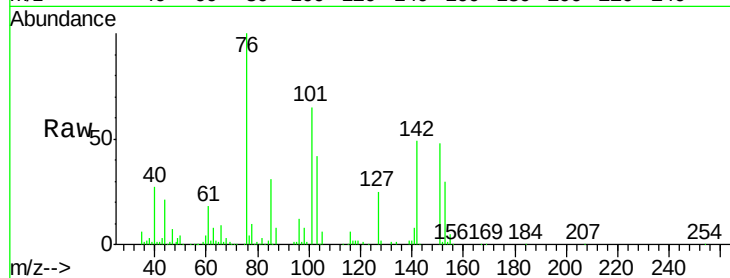
Tot Ion:101 Resp: 134126

Ion Ratio Lower Upper

101 100

85 46.9 34.6 52.0

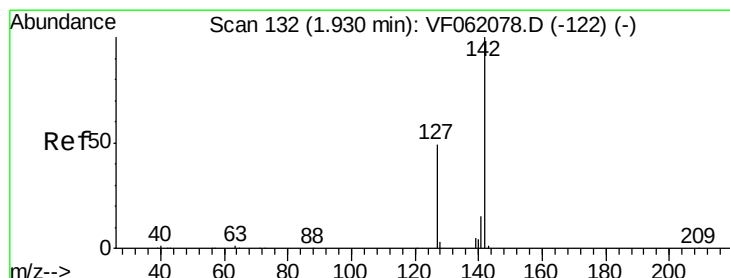
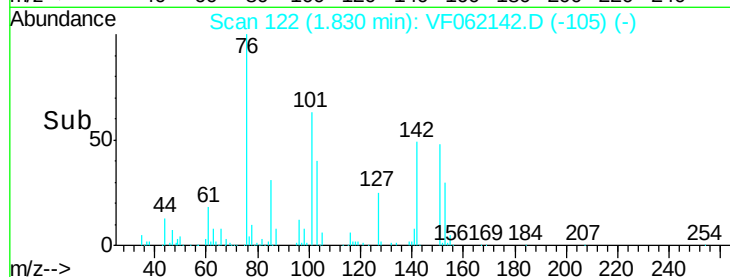
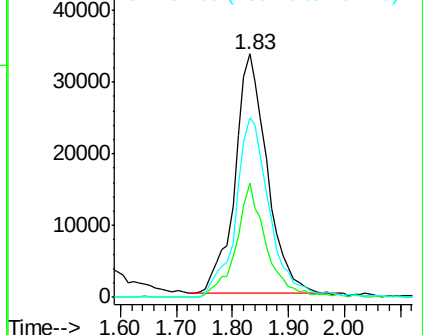
151 73.6 61.7 92.5



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: 40.000 ug/l

RT: 1.90 min Scan# 129

Delta R.T. -0.03 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

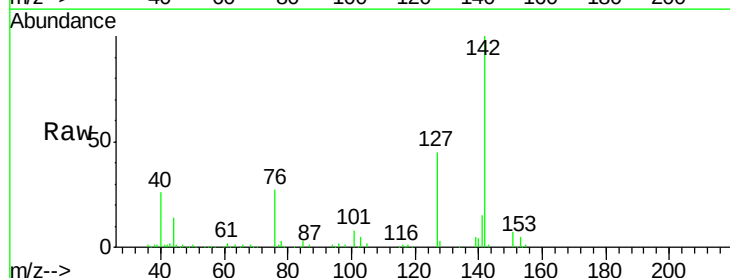
Tgt Ion:142 Resp: 205789

Ion Ratio Lower Upper

142 100

127 44.8 39.1 58.7

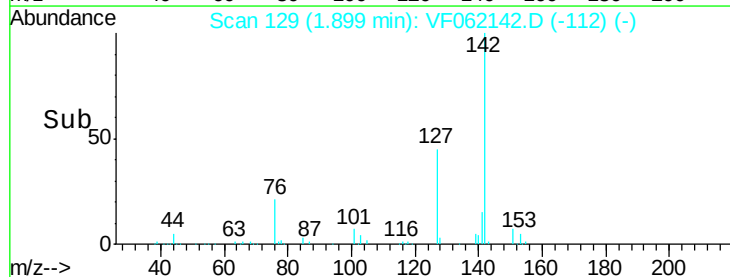
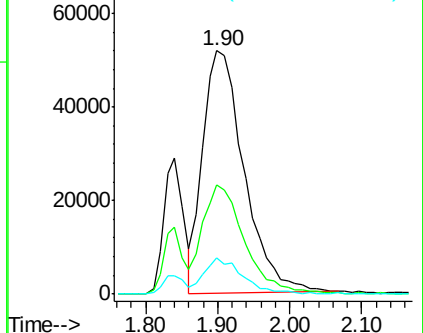
141 14.7 12.2 18.4

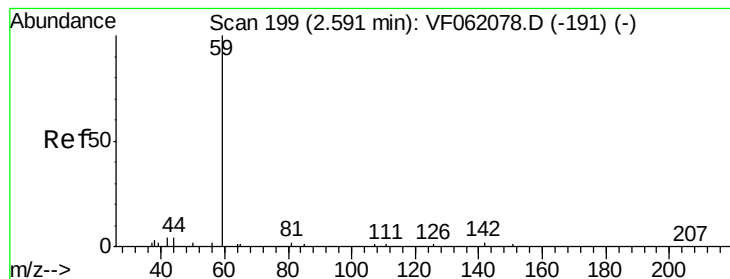


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



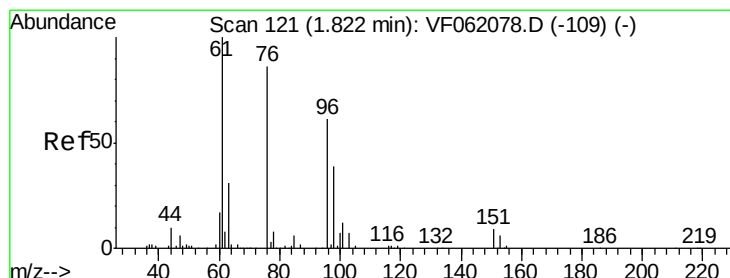
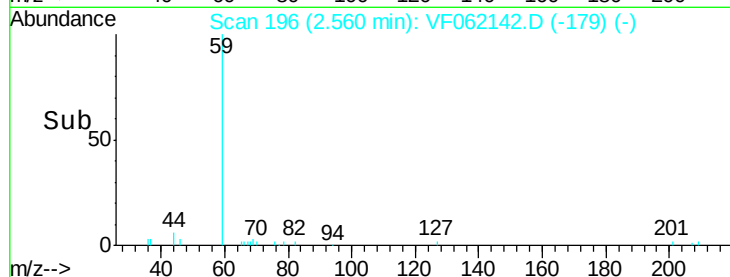
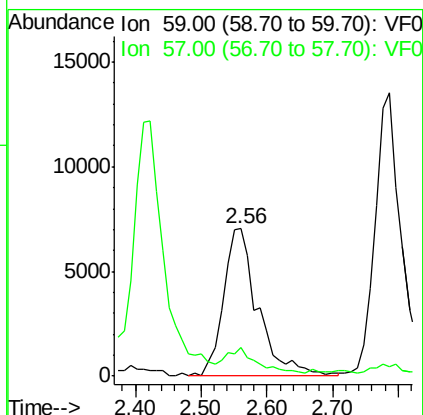
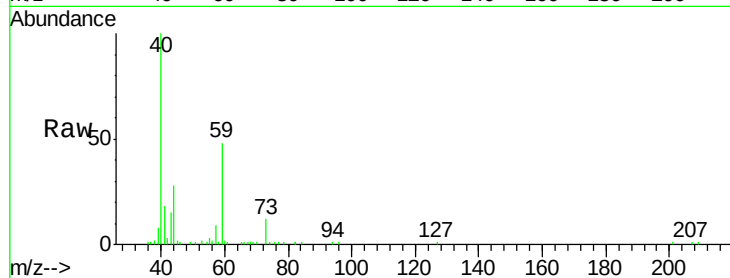


#11

Tert butyl alcohol
Concen: 239.710 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.03 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Instrument :
MSVOA_F
ClientSampled :

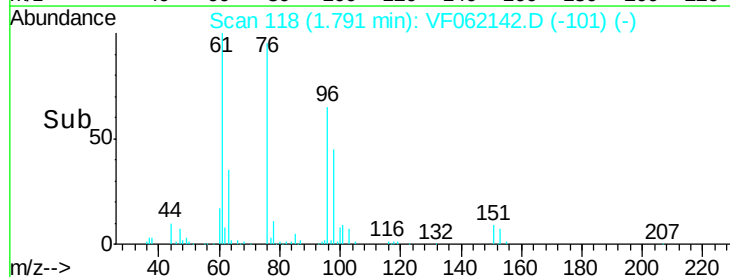
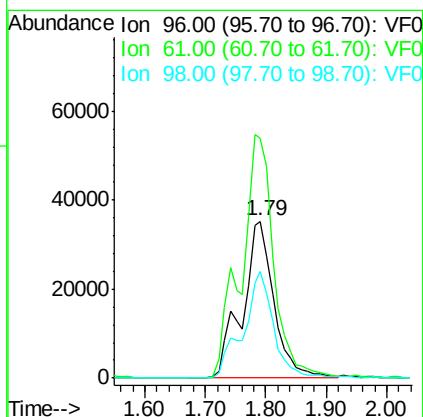
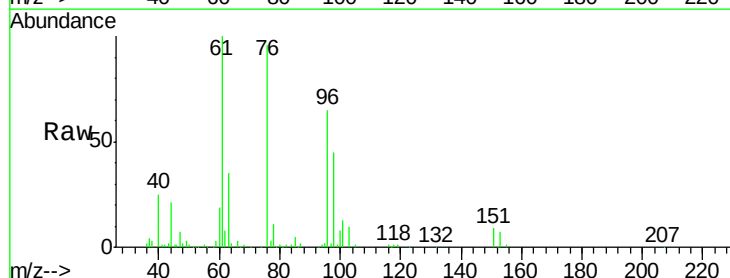
Tot Ion: 59 Resp: 25998
Ion Ratio Lower Upper
59 100
57 19.6 11.0 16.4#

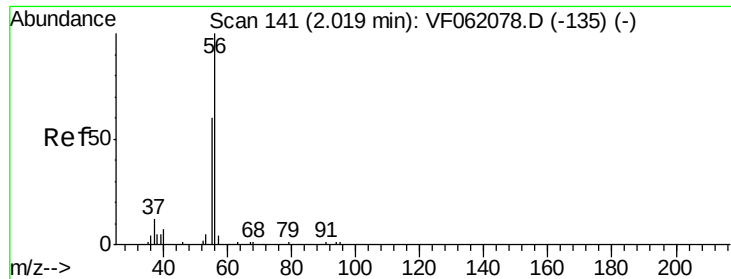


#12

1,1-Dichloroethene
Concen: 50.335 ug/l
RT: 1.79 min Scan# 118
Delta R.T. -0.03 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Tgt Ion: 96 Resp: 128579
Ion Ratio Lower Upper
96 100
61 152.8 131.0 196.6
98 68.2 51.5 77.3





#13

Acrolein

Concen: 270.261 ug/l

RT: 2.00 min Scan# 139

Delta R.T. -0.02 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

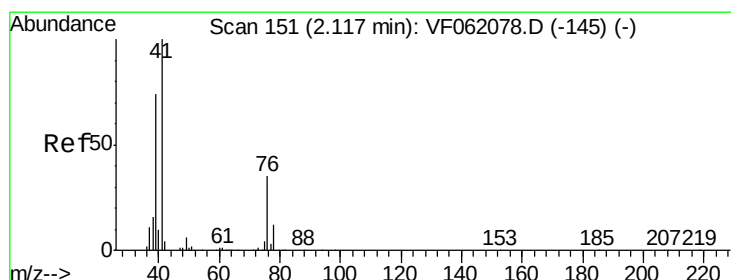
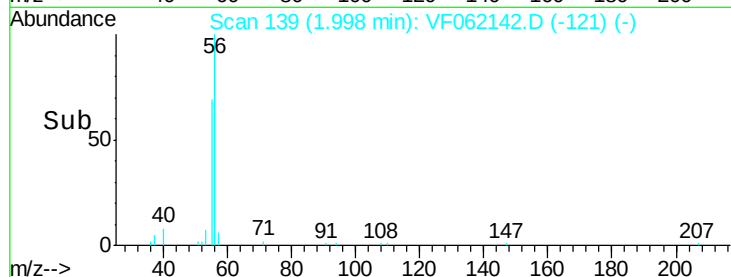
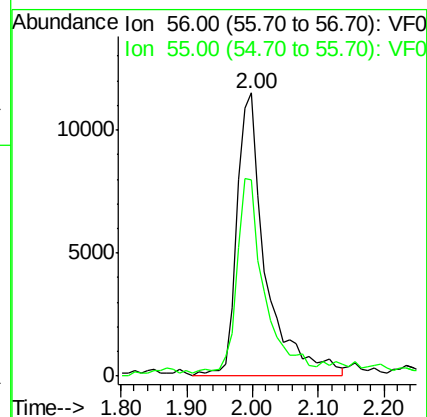
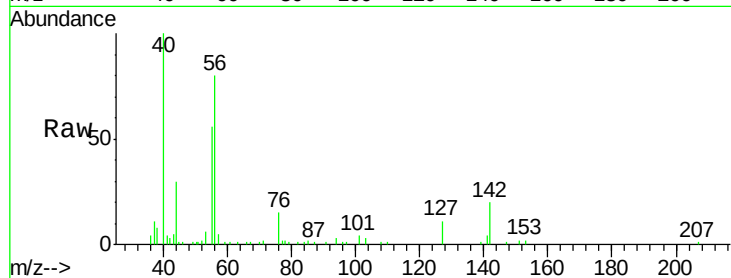
ClientSampled :

Tot Ion: 56 Resp: 35247

Ion Ratio Lower Upper

56 100

55 69.6 49.0 73.4



#14

Allyl chloride

Concen: 56.194 ug/l

RT: 2.09 min Scan# 148

Delta R.T. -0.03 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

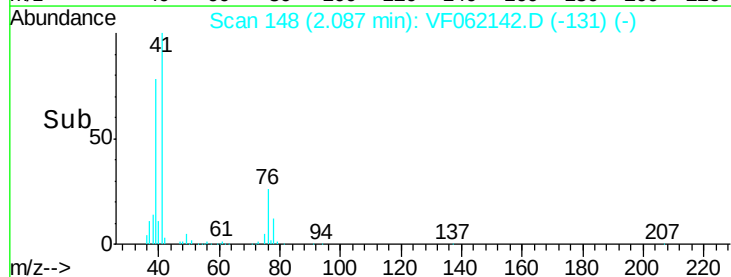
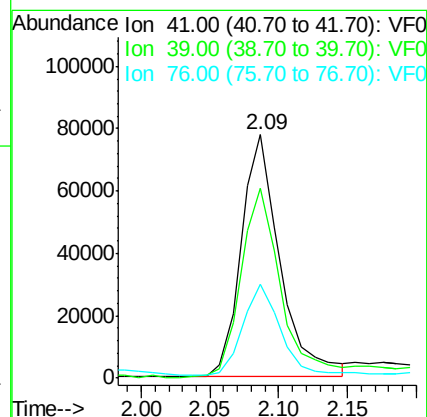
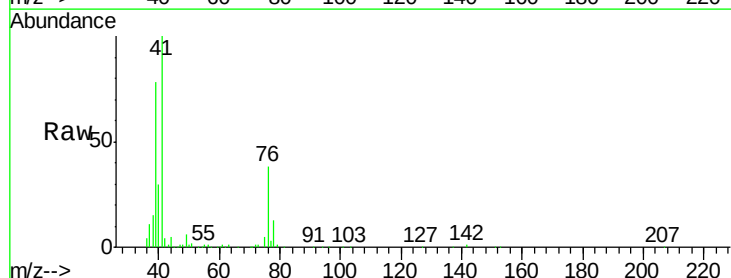
Tgt Ion: 41 Resp: 153256

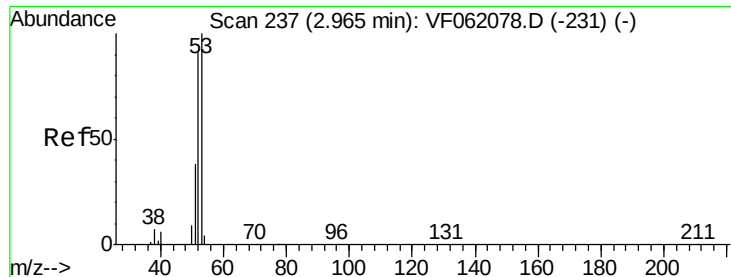
Ion Ratio Lower Upper

41 100

39 77.8 59.8 89.8

76 38.4 30.0 45.0





#15

Acrylonitrile

Concen: 226.088 ug/l

RT: 2.92 min Scan# 233

Delta R.T. -0.04 min

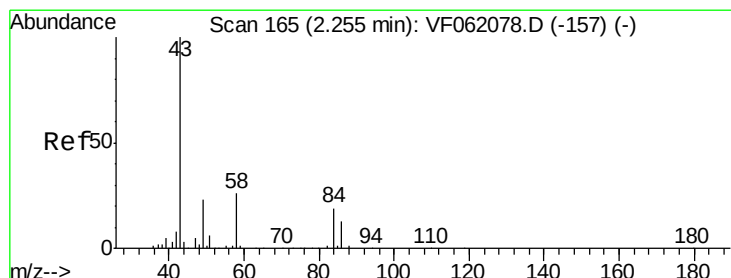
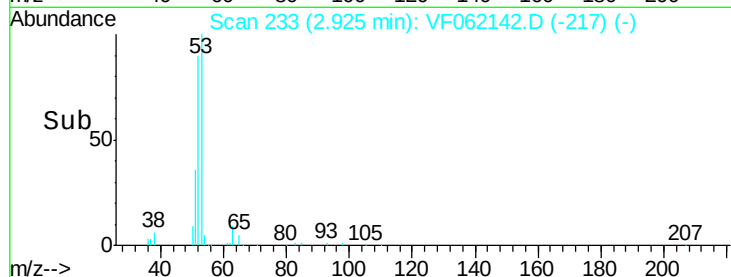
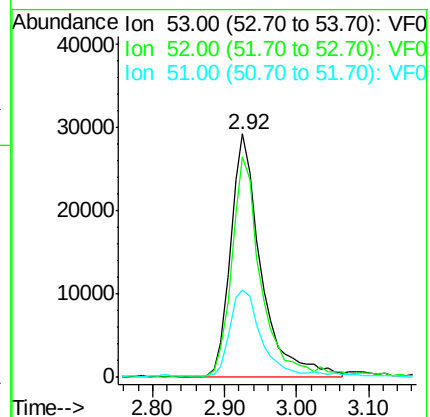
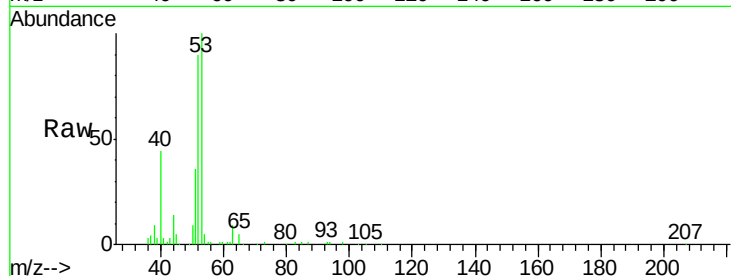
Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 53 Resp: 86226

Ion	Ratio	Lower	Upper
53	100		
52	90.4	72.3	108.5
51	36.1	30.4	45.6



#16

Acetone

Concen: 287.358 ug/l

RT: 2.22 min Scan# 162

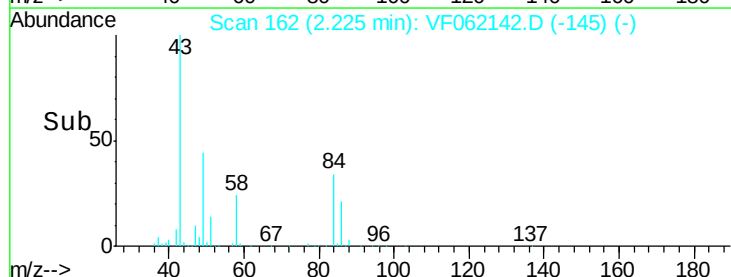
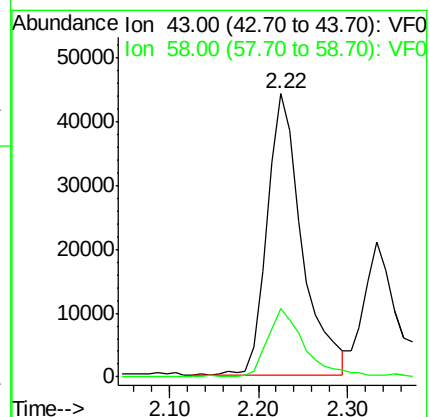
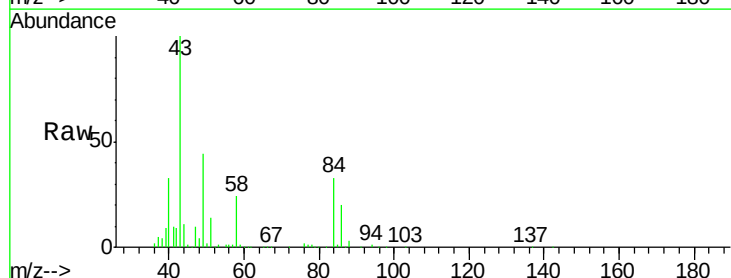
Delta R.T. -0.03 min

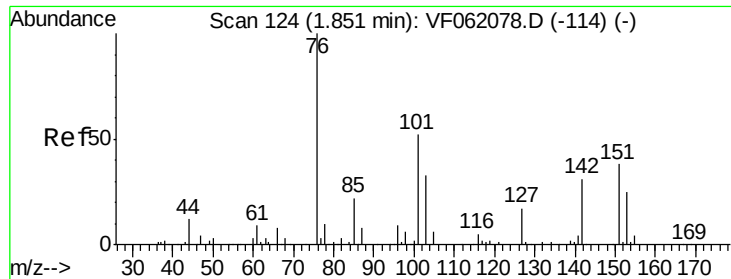
Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Tgt Ion: 43 Resp: 119213

Ion	Ratio	Lower	Upper
43	100		
58	24.0	20.8	31.2

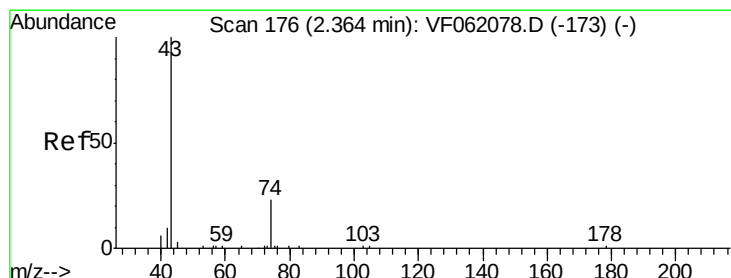
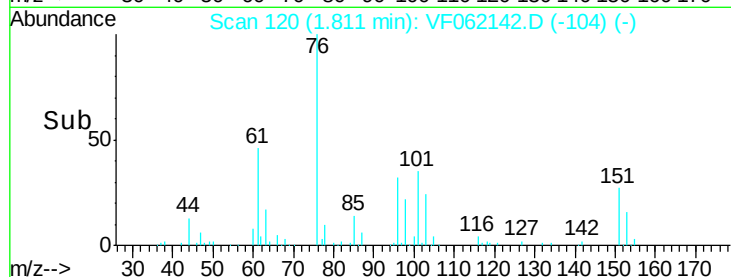
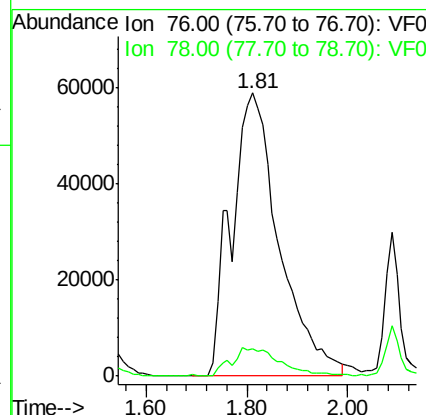
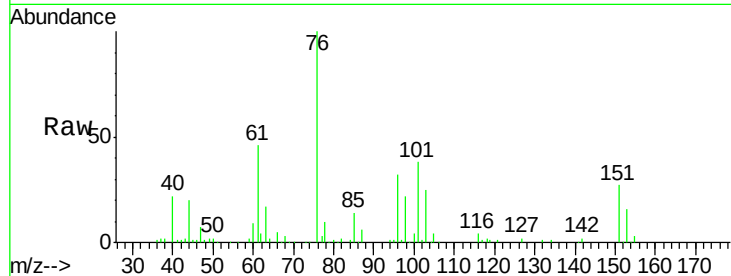




#17
Carbon Disulfide
Concen: 50.039 ug/l
RT: 1.81 min Scan# 120
Delta R.T. -0.04 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

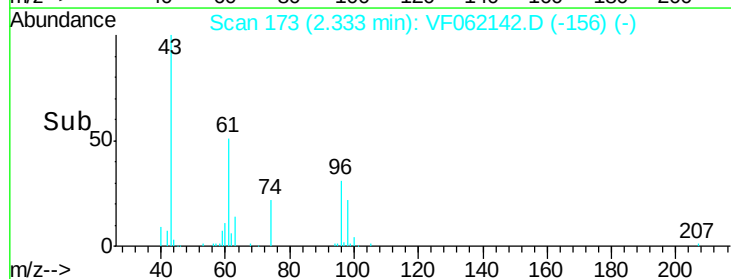
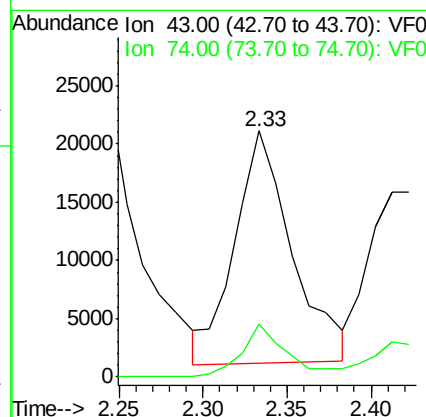
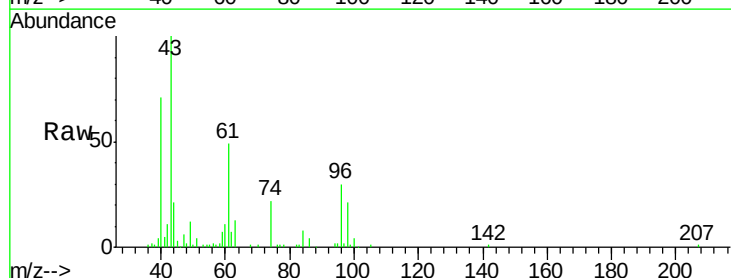
Instrument :
MSVOA_F
ClientSampleId :

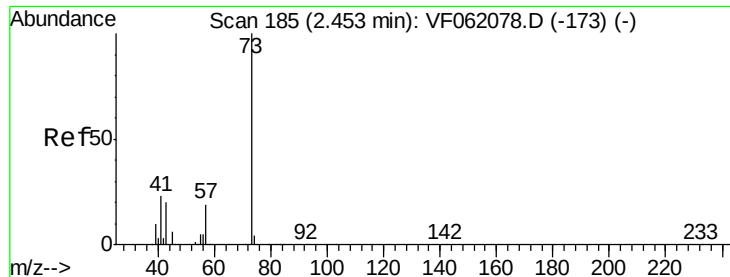
Tot Ion: 76 Resp: 389781
Ion Ratio Lower Upper
76 100
78 9.8 7.9 11.9



#18
Methyl Acetate
Concen: 47.856 ug/l
RT: 2.33 min Scan# 173
Delta R.T. -0.03 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Tgt Ion: 43 Resp: 47358
Ion Ratio Lower Upper
43 100
74 21.8 16.3 24.5



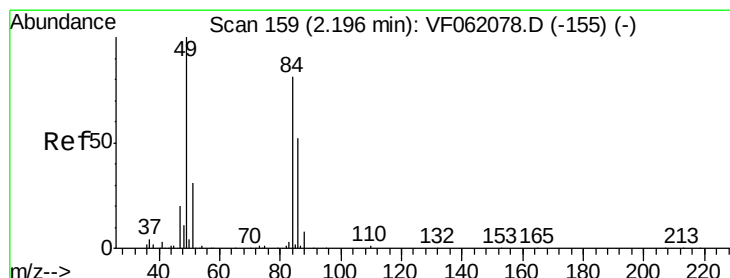
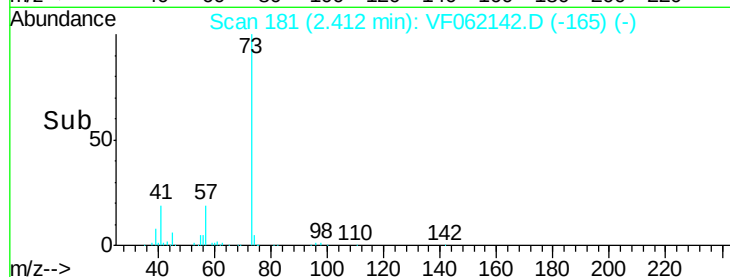
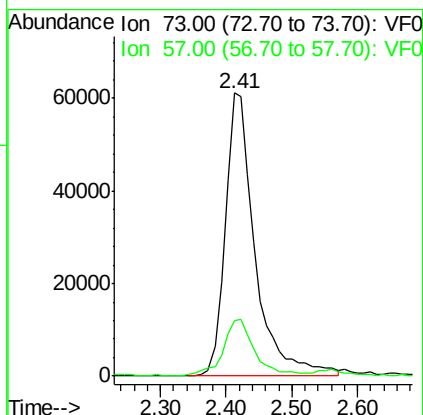
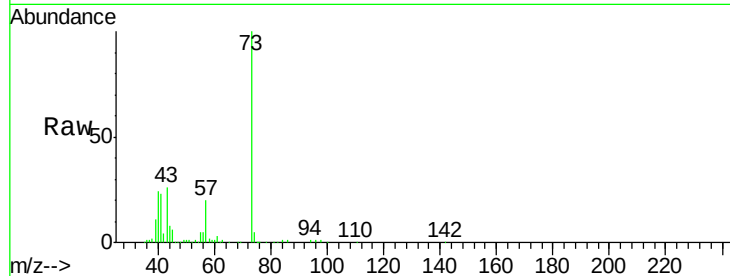


#19

Methyl tert-butyl Ether
Concen: 48.003 ug/l
RT: 2.41 min Scan# 181
Delta R.T. -0.04 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Instrument :
MSVOA_F
ClientSampleId :

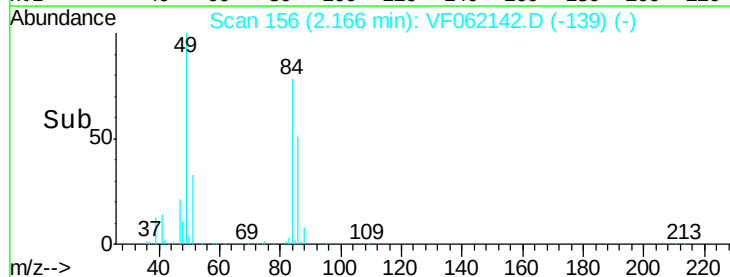
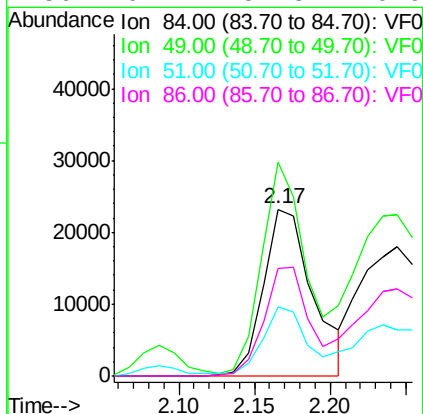
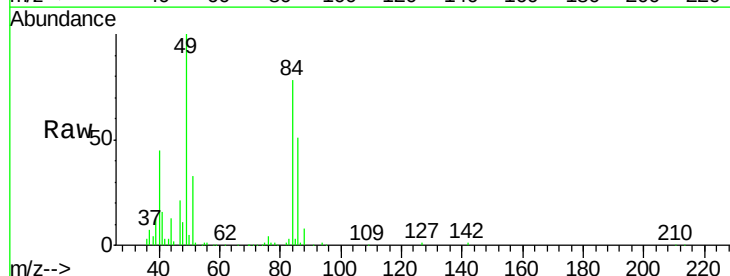
Tot Ion: 73 Resp: 193804
Ion Ratio Lower Upper
73 100
57 19.8 15.1 22.7

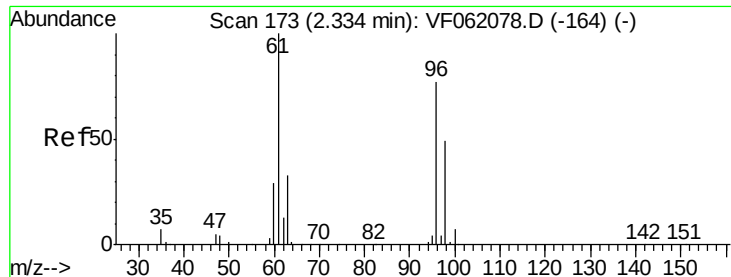


#20

Methylene Chloride
Concen: 19.253 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.03 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Tgt Ion: 84 Resp: 52950
Ion Ratio Lower Upper
84 100
49 128.0 100.4 150.6
51 41.6 31.0 46.6
86 64.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.934 ug/l

RT: 2.29 min Scan# 169

Delta R.T. -0.04 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

ClientSampleId :

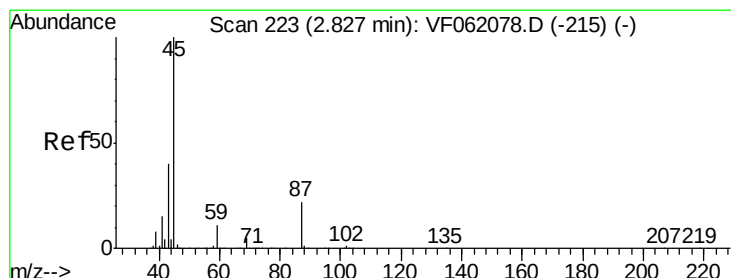
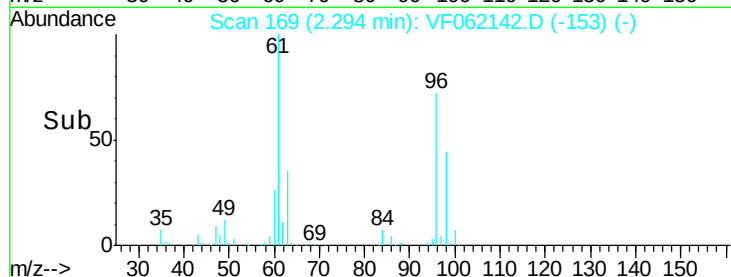
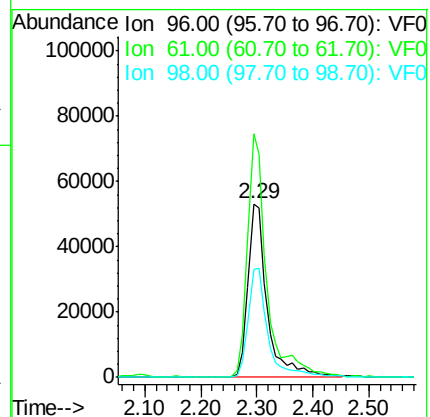
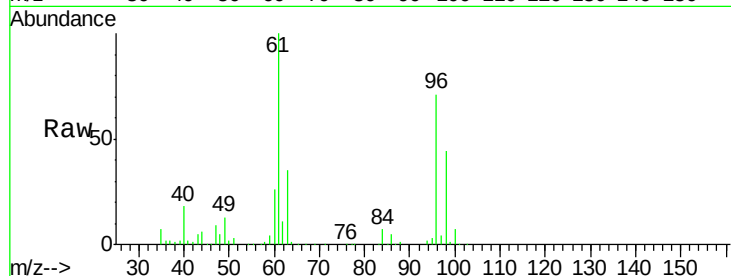
Tot Ion: 96 Resp: 127644

Ion Ratio Lower Upper

96 100

61 140.0 104.5 156.7

98 61.9 51.2 76.8



#22

Diisopropyl ether

Concen: 50.074 ug/l

RT: 2.79 min Scan# 219

Delta R.T. -0.04 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Tgt Ion: 45 Resp: 358051

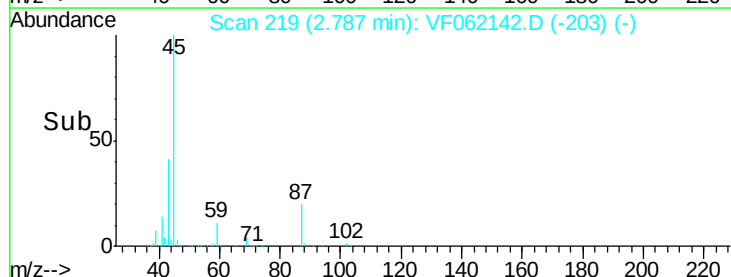
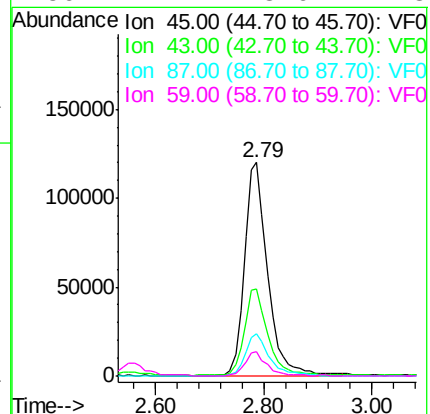
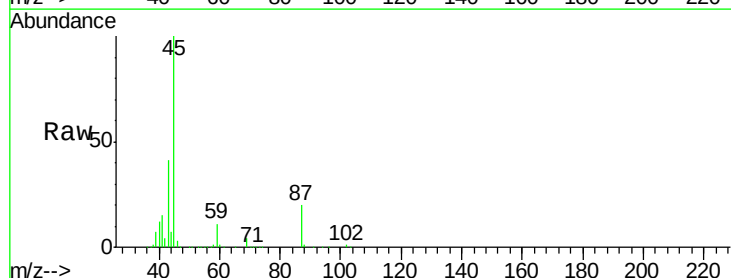
Ion Ratio Lower Upper

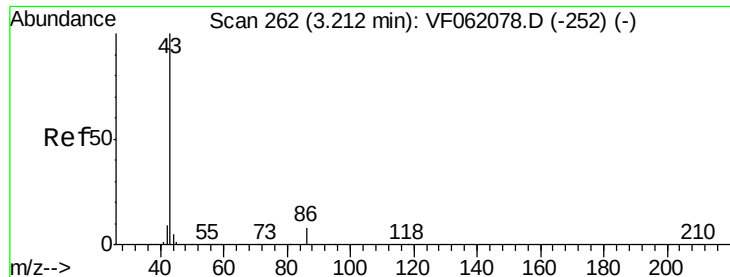
45 100

43 41.0 32.5 48.7

87 19.8 17.4 26.2

59 11.2 8.6 12.8





#23

Vinyl Acetate

Concen: 254.216 ug/l

RT: 3.17 min Scan# 258

Delta R.T. -0.04 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

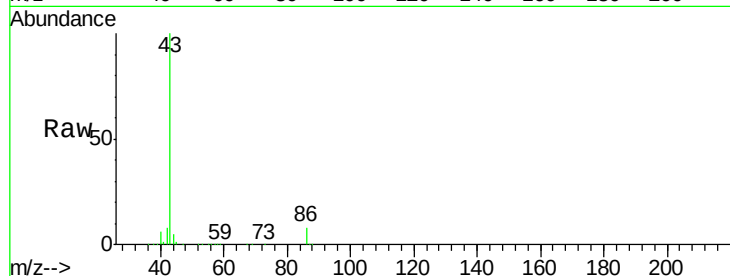
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 744249

Ion Ratio Lower Upper

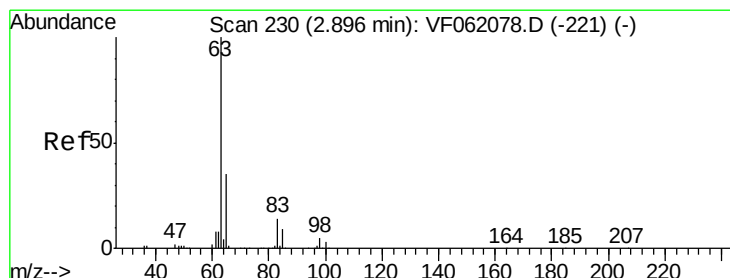
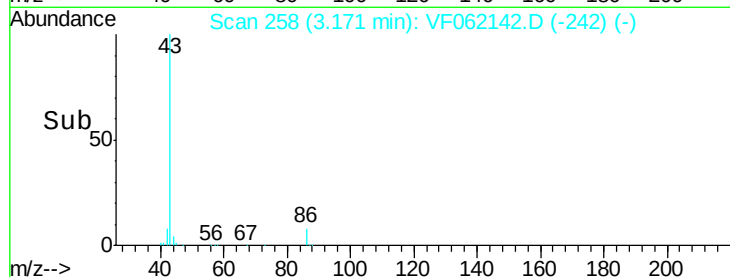
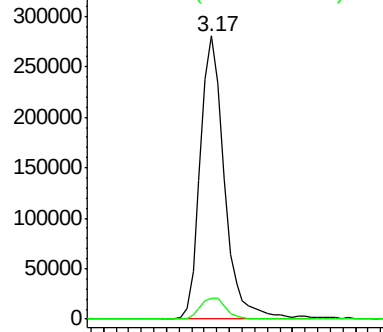
43 100

86 7.6 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 50.206 ug/l

RT: 2.86 min Scan# 226

Delta R.T. -0.04 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

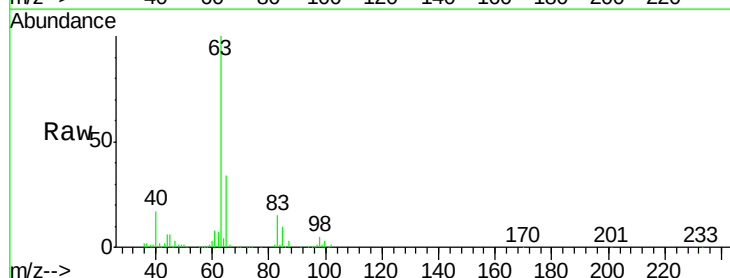
Tgt Ion: 63 Resp: 215286

Ion Ratio Lower Upper

63 100

98 5.3 2.7 8.1

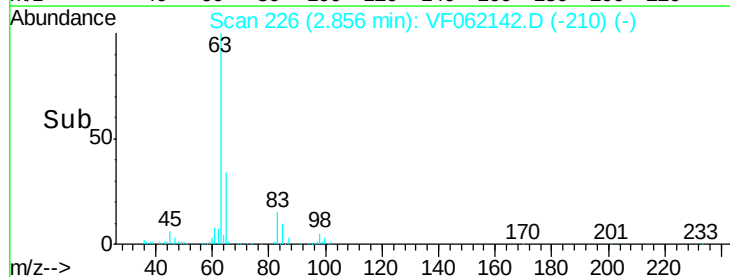
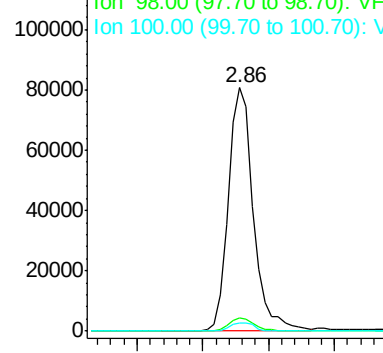
100 3.4 1.7 5.1

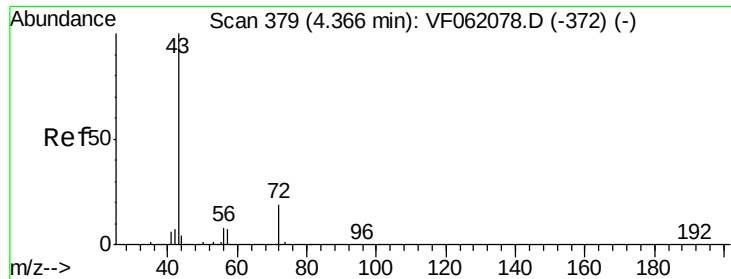


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 254.832 ug/l

RT: 4.32 min Scan# 374

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

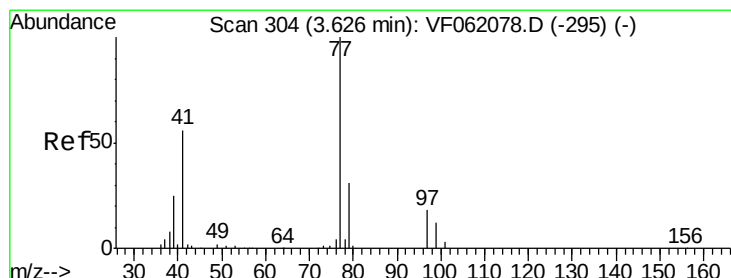
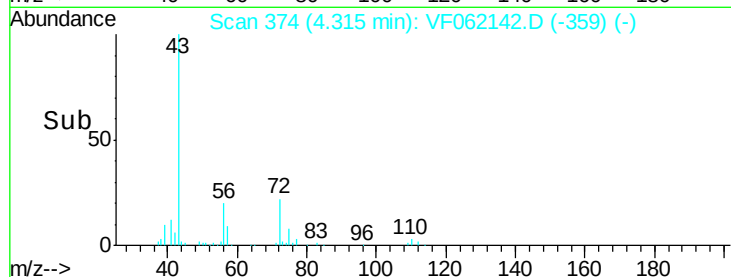
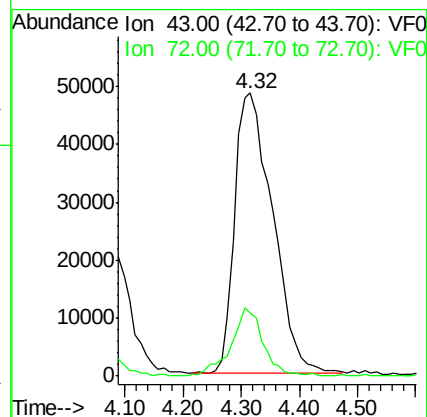
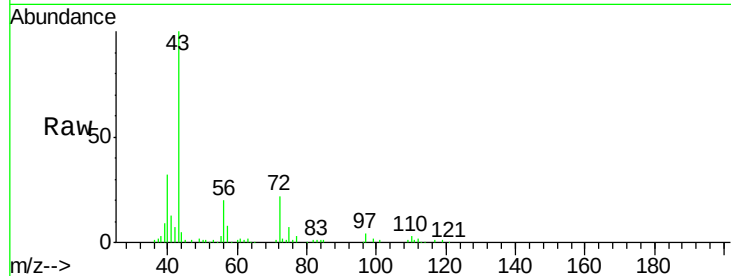
ClientSampled :

Tot Ion: 43 Resp: 220703

Ion Ratio Lower Upper

43 100

72 22.4 16.7 25.1



#26

2,2-Dichloropropane

Concen: 53.385 ug/l

RT: 3.58 min Scan# 299

Delta R.T. -0.05 min

Lab File: VF062142.D

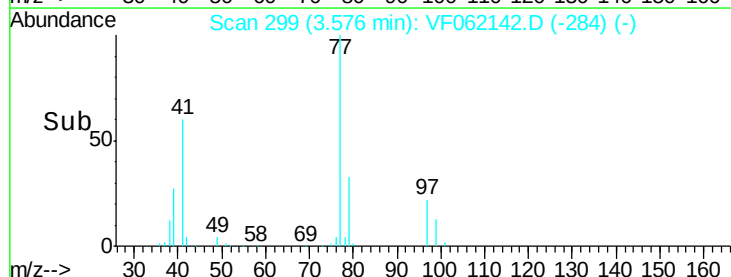
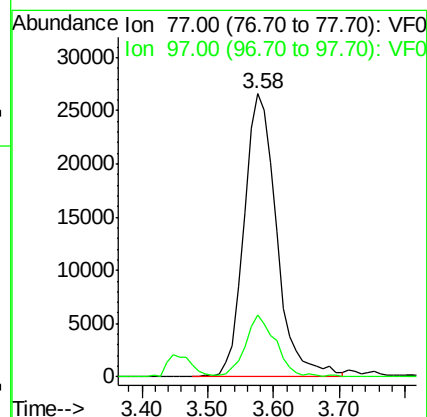
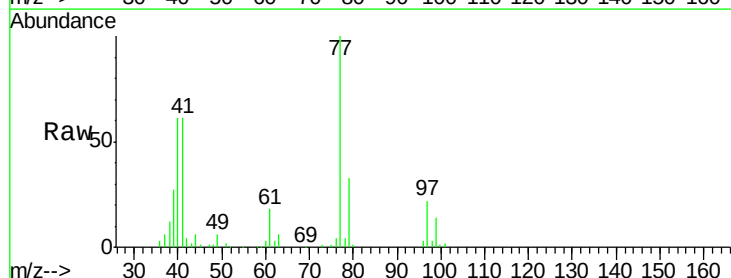
Acq: 26 Mar 2019 13:05

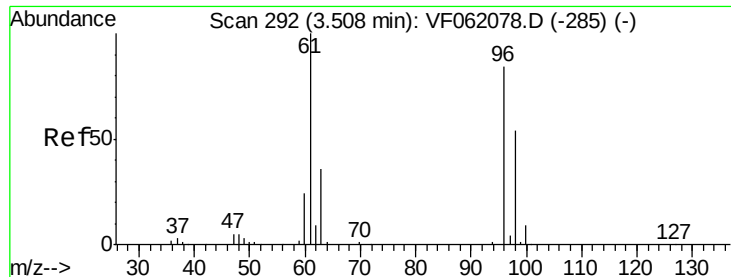
Tgt Ion: 77 Resp: 92814

Ion Ratio Lower Upper

77 100

97 21.9 10.3 30.9



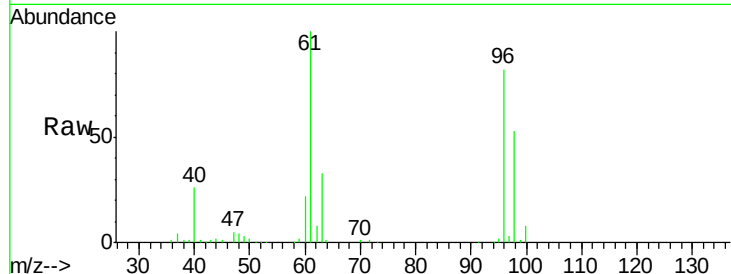


#27

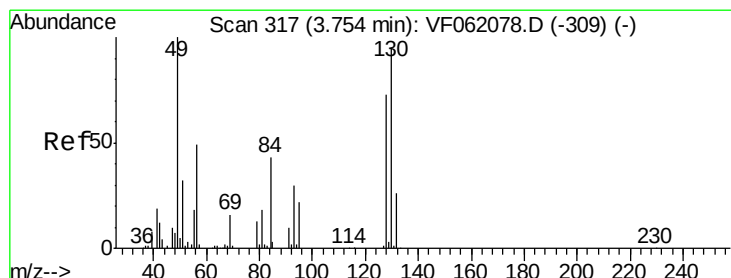
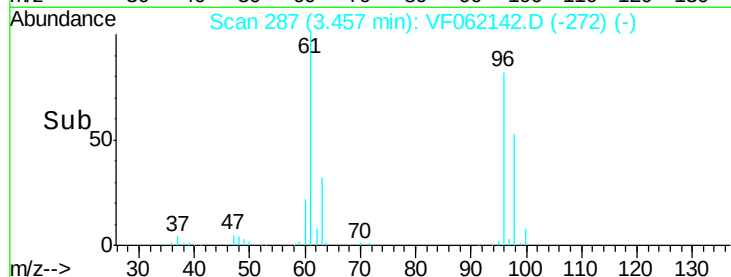
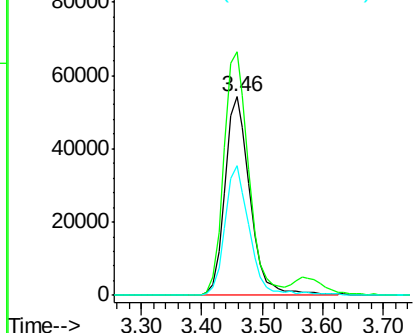
cis-1,2-Dichloroethene
Concen: 47.907 ug/l
RT: 3.46 min Scan# 287
Delta R.T. -0.05 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 96 Resp: 156029
Ion Ratio Lower Upper
96 100
61 122.5 0.0 239.0
98 65.3 0.0 128.2



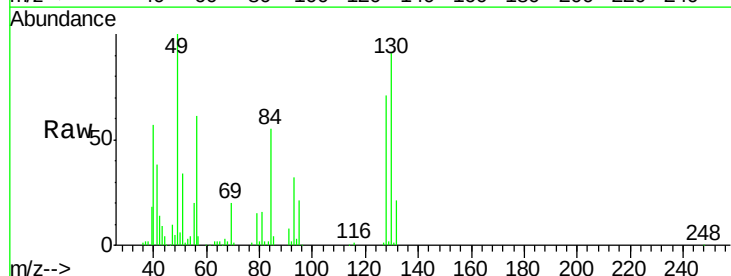
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



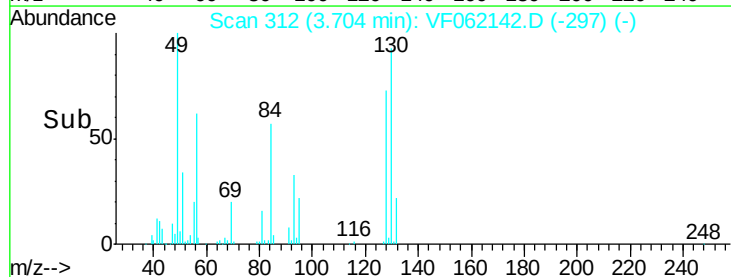
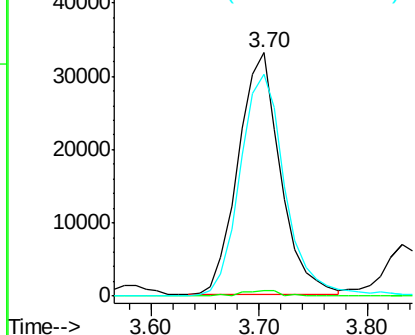
#28

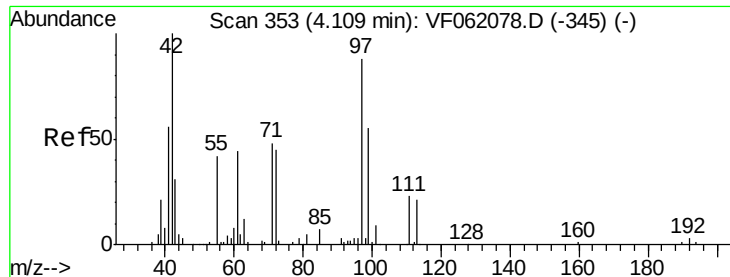
Bromochloromethane
Concen: 51.789 ug/l
RT: 3.70 min Scan# 312
Delta R.T. -0.05 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Tgt Ion: 49 Resp: 90733
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.6
130 91.3 75.5 113.3



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





#29

Tetrahydrofuran

Concen: 221.697 ug/l

RT: 4.05 min Scan# 347

Delta R.T. -0.06 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

ClientSampled :

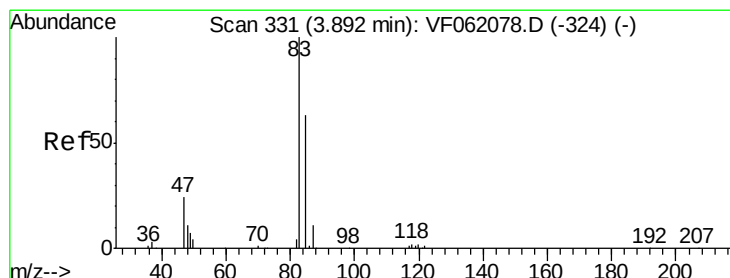
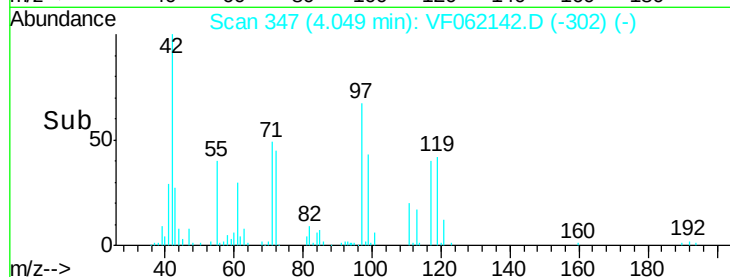
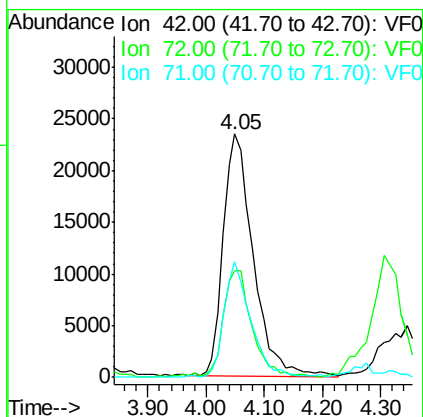
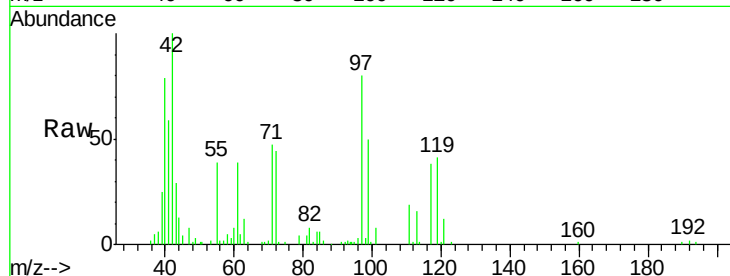
Tot Ion: 42 Resp: 83481

Ion Ratio Lower Upper

42 100

72 43.7 33.3 49.9

71 43.2 35.0 52.4



#30

Chloroform

Concen: 50.460 ug/l

RT: 3.84 min Scan# 326

Delta R.T. -0.05 min

Lab File: VF062142.D

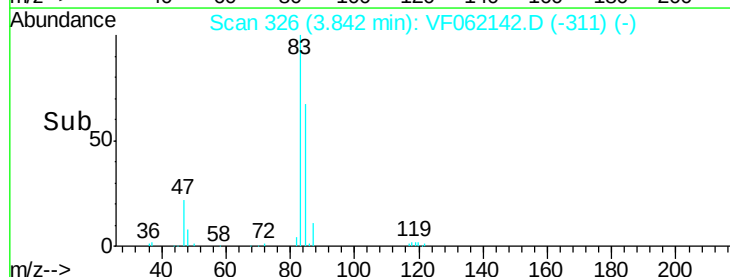
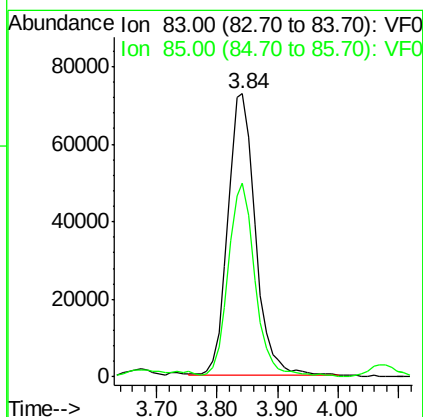
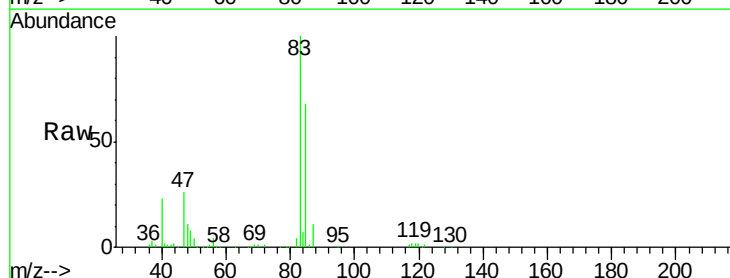
Acq: 26 Mar 2019 13:05

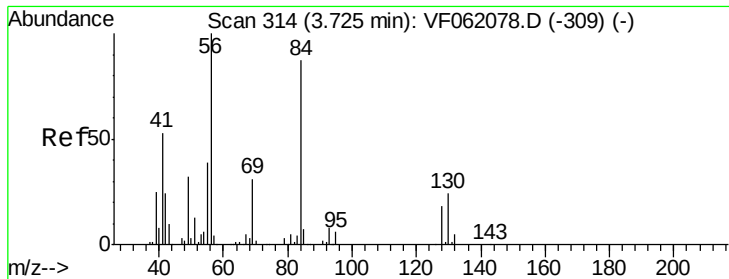
Tgt Ion: 83 Resp: 228669

Ion Ratio Lower Upper

83 100

85 68.2 51.5 77.3

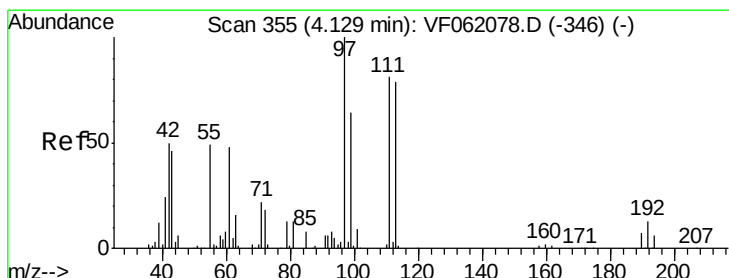
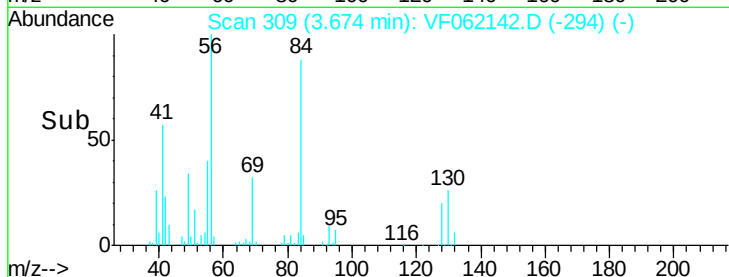
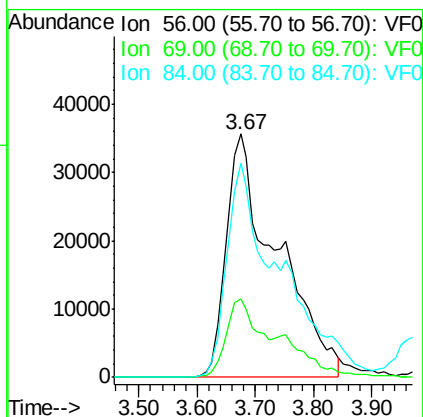
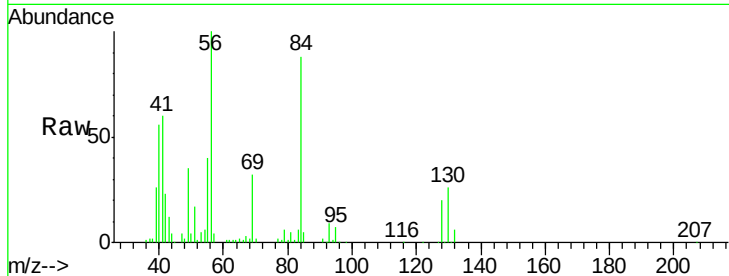




#31
Cyclohexane
Concen: 47.983 ug/l
RT: 3.67 min Scan# 309
Delta R.T. -0.05 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

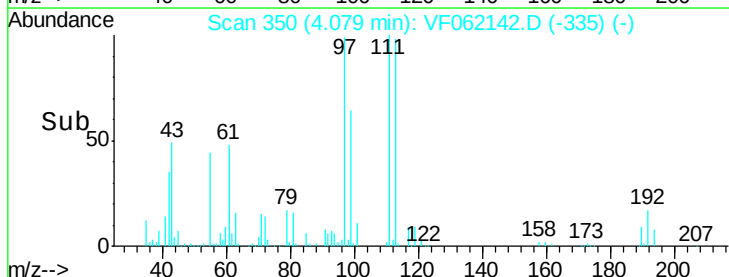
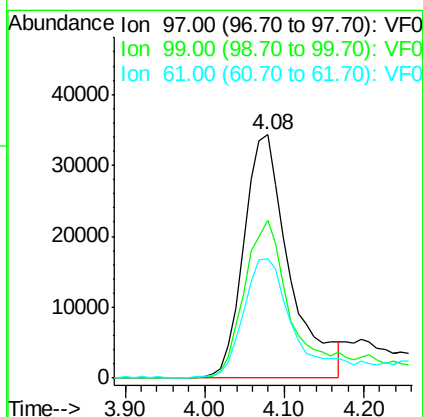
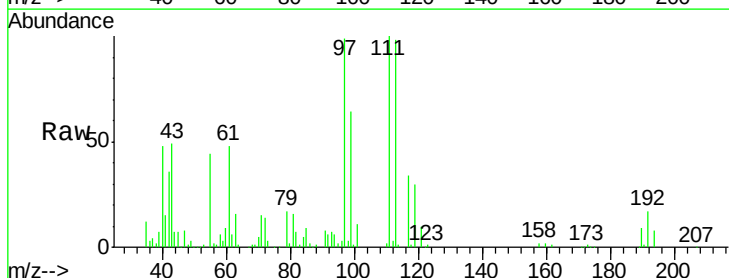
Instrument :
MSVOA_F
ClientSampled :

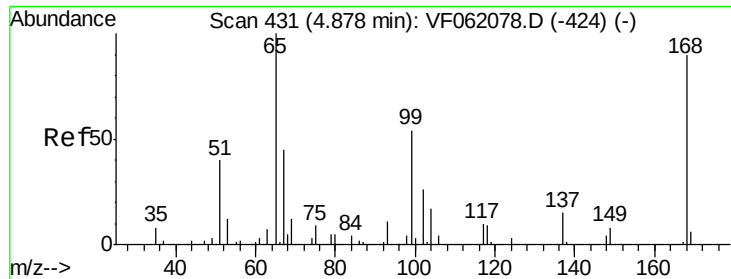
Tot Ion: 56 Resp: 214890
Ion Ratio Lower Upper
56 100
69 32.1 25.9 38.9
84 87.9 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 49.287 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.05 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Tgt Ion: 97 Resp: 135867
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 49.0 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 49.163 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.06 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

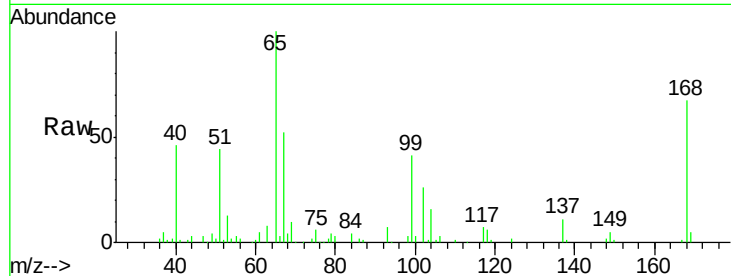
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 65 Resp: 96907

Ion Ratio Lower Upper

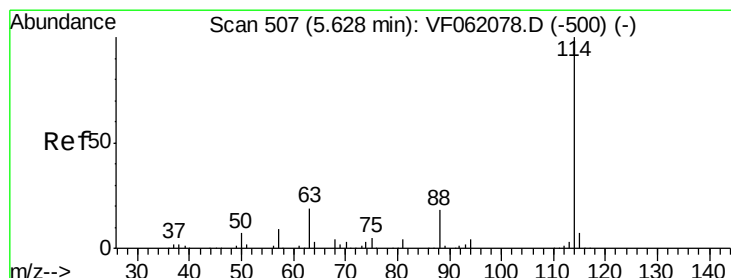
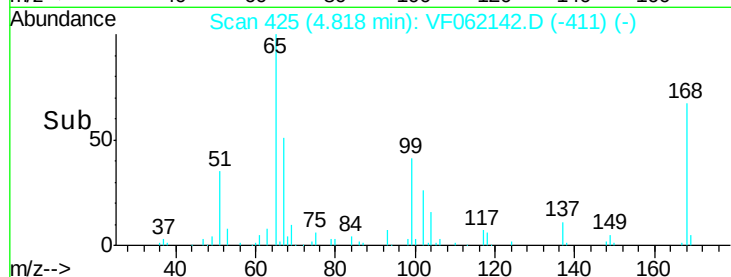
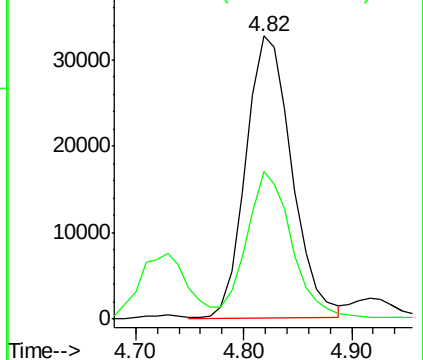
65 100

67 52.3 0.0 106.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

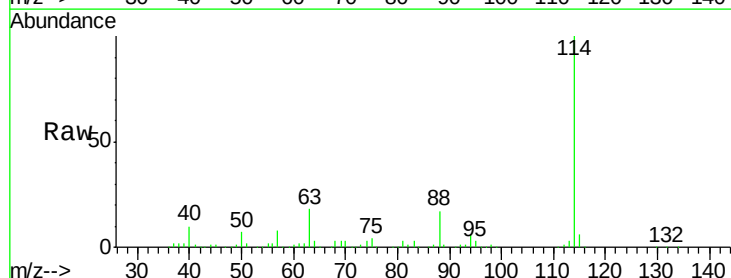
Tgt Ion: 114 Resp: 414300

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.8

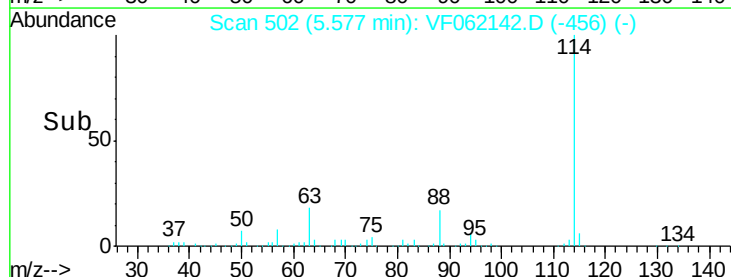
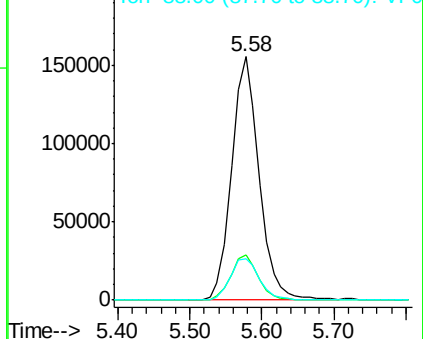
88 16.9 0.0 36.4

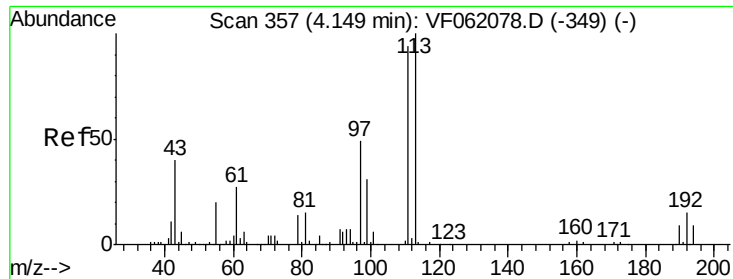


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

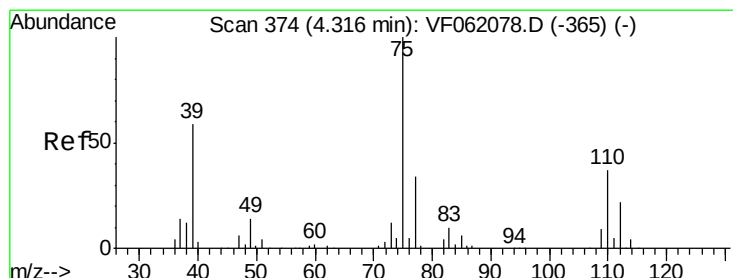
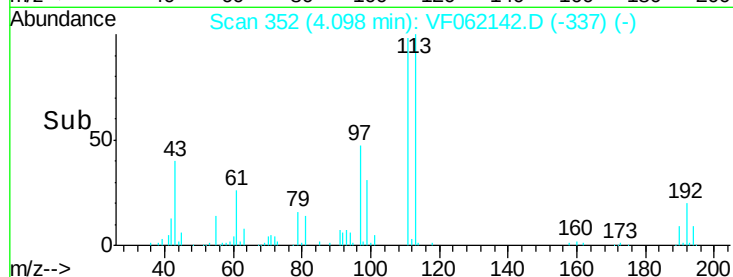
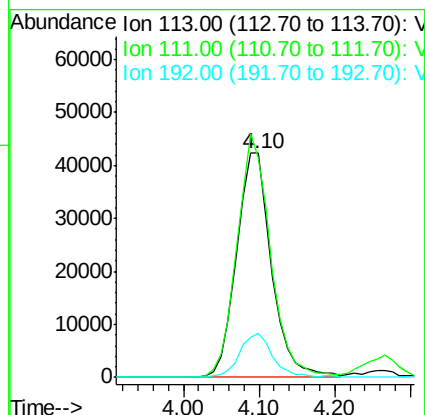
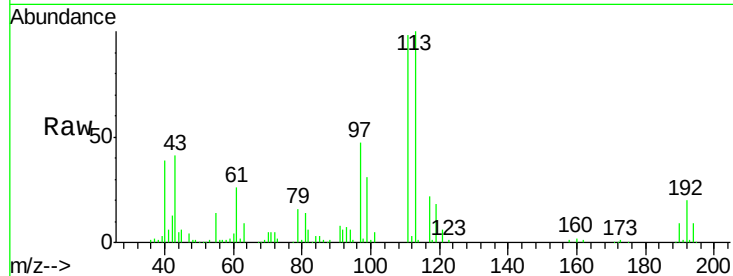




#35
 Dibromofluoromethane
 Concen: 48.484 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.05 min
 Lab File: VF062142.D
 Acq: 26 Mar 2019 13:05

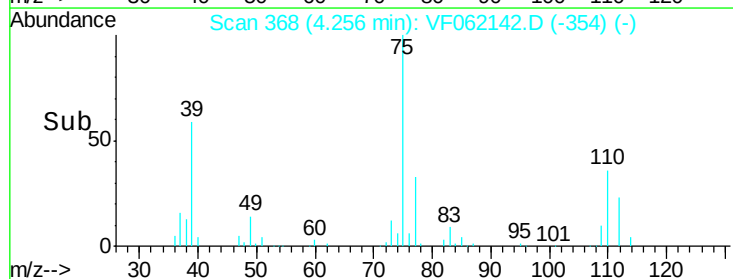
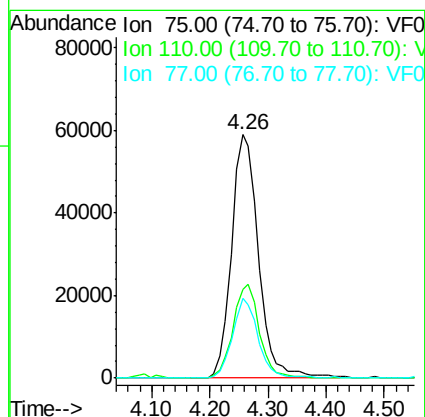
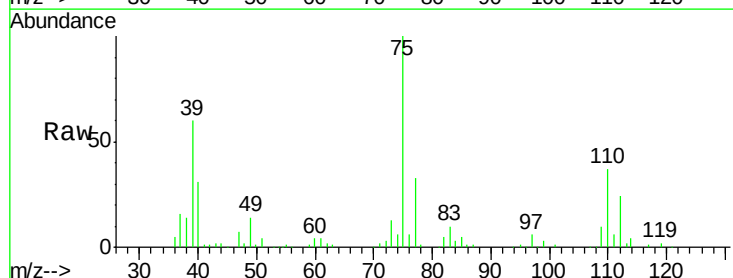
Instrument :
 MSVOA_F
 ClientSampled :

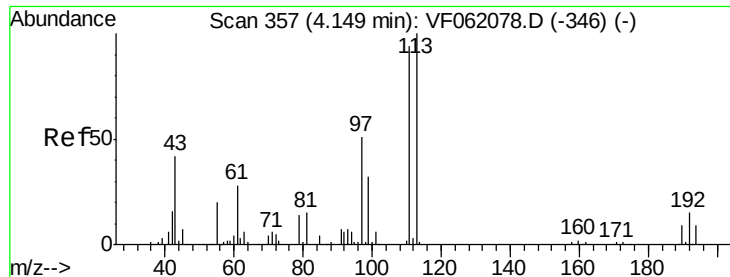
Tot Ion:113 Resp: 135880
 Ion Ratio Lower Upper
 113 100
 111 98.0 75.4 113.0
 192 19.5 12.3 18.5#



#36
 1,1-Dichloropropene
 Concen: 48.028 ug/l
 RT: 4.26 min Scan# 368
 Delta R.T. -0.06 min
 Lab File: VF062142.D
 Acq: 26 Mar 2019 13:05

Tgt Ion: 75 Resp: 189530
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.5 55.5
 77 32.8 27.4 41.0





#37

Ethyl Acetate

Concen: 45.076 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.06 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :
MSVOA_F
ClientSampled :

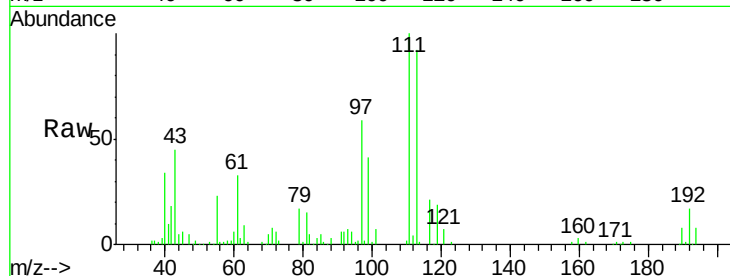
Tot Ion: 43 Resp: 77739

Ion Ratio Lower Upper

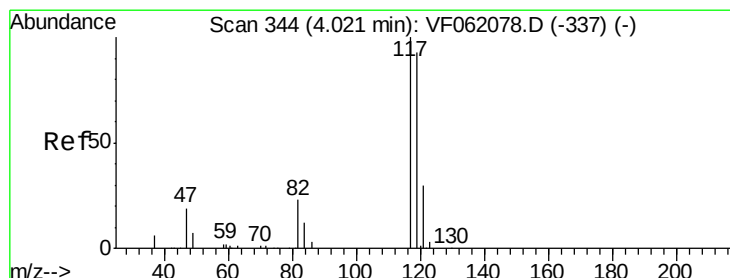
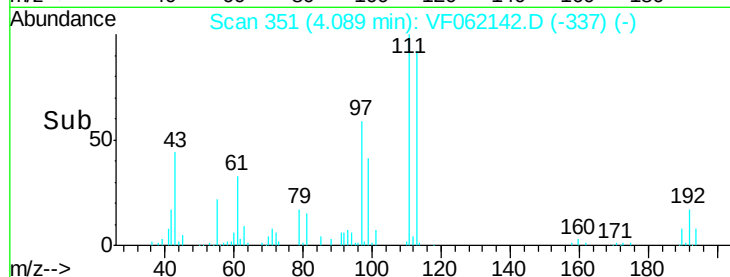
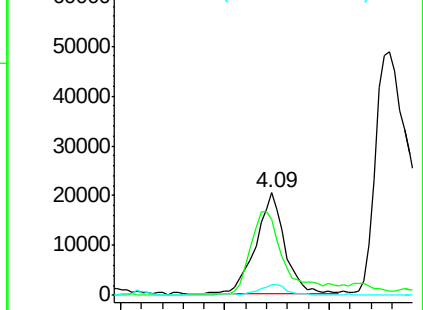
43 100

61 74.7 53.6 80.4

70 10.9 9.0 13.6



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



#38

Carbon Tetrachloride

Concen: 51.990 ug/l

RT: 3.97 min Scan# 339

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

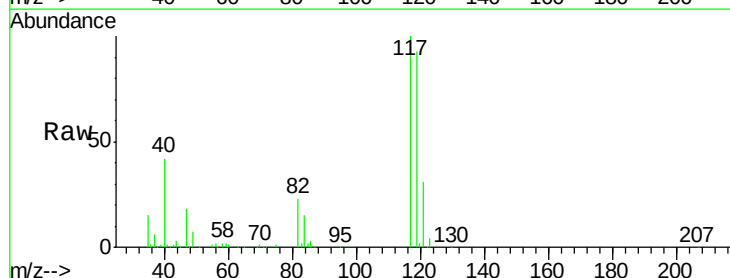
Tgt Ion: 117 Resp: 139832

Ion Ratio Lower Upper

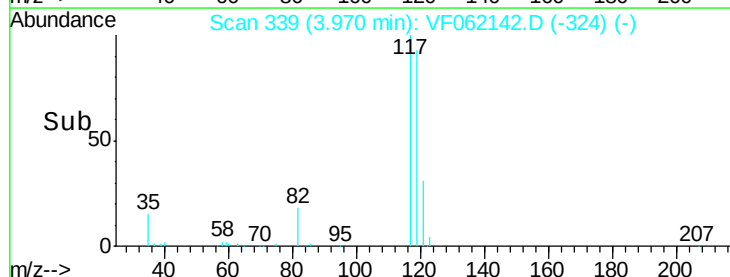
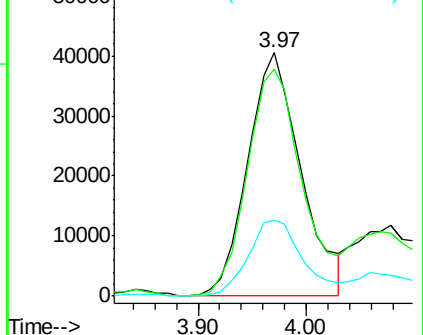
117 100

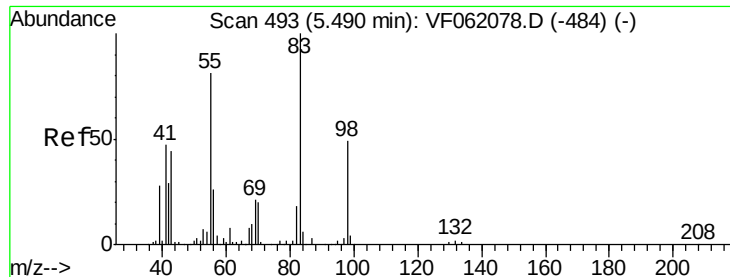
119 93.3 74.7 112.1

121 31.2 23.6 35.4



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

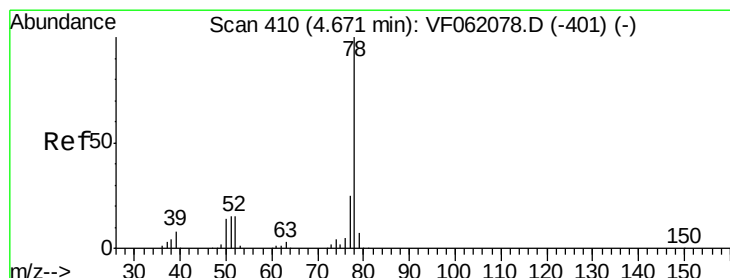
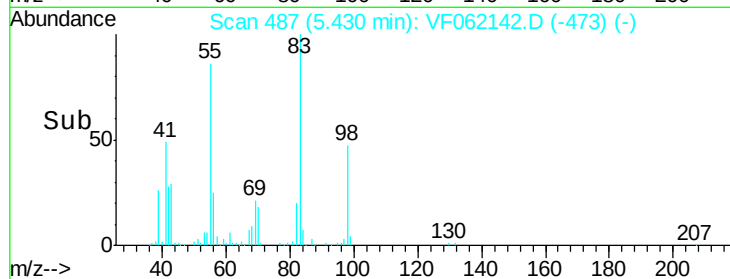
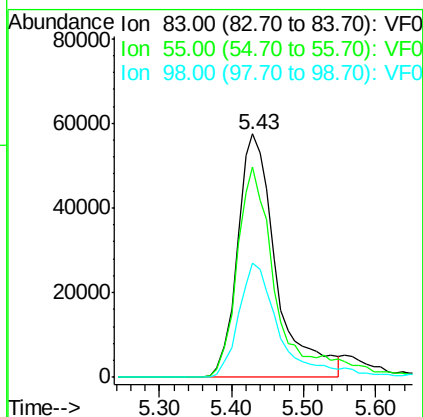
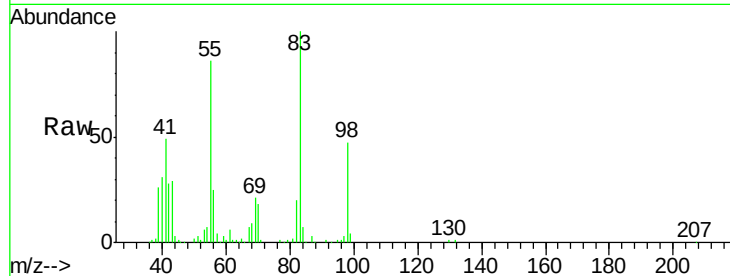




#39
Methylvlcyclohexane
Concen: 47.155 ug/l
RT: 5.43 min Scan# 487
Delta R.T. -0.06 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

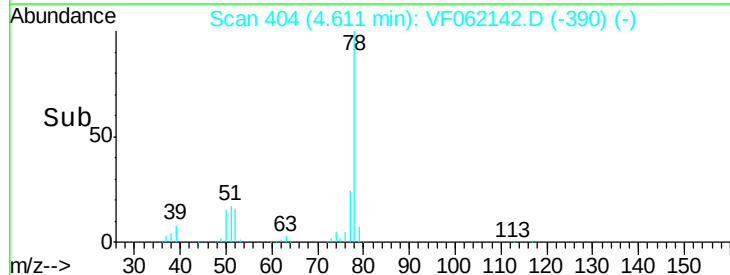
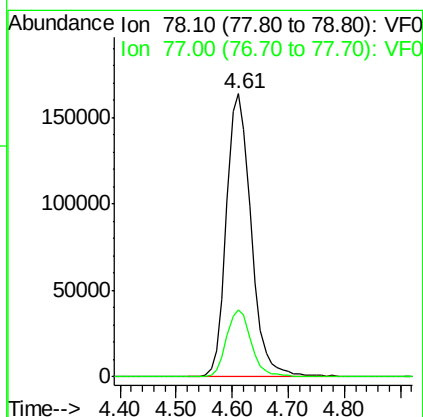
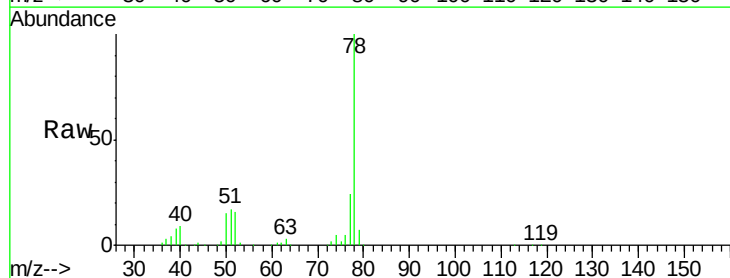
Instrument :
MSVOA_F
ClientSampleId :

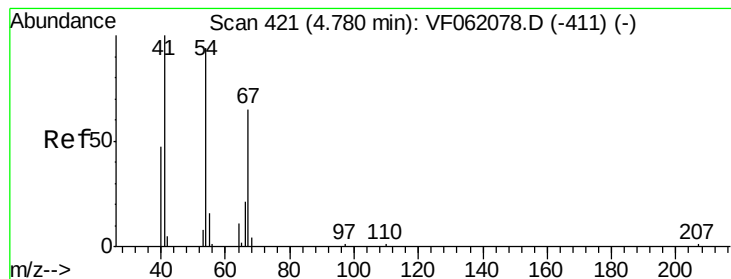
Tot Ion: 83 Resp: 215969
Ion Ratio Lower Upper
83 100
55 86.3 64.5 96.7
98 47.1 39.1 58.7



#40
Benzene
Concen: 47.657 ug/l
RT: 4.61 min Scan# 404
Delta R.T. -0.06 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Tgt Ion: 78 Resp: 504159
Ion Ratio Lower Upper
78 100
77 23.9 19.8 29.6





#41

Methacrylonitrile

Concen: 43.752 ug/l

RT: 4.73 min Scan# 416

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion: 41 Resp: 39924

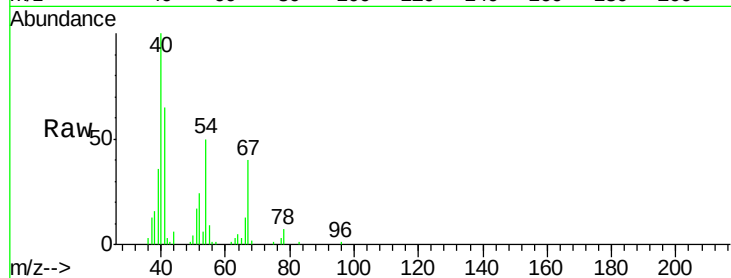
Ion Ratio Lower Upper

41 100

39 56.2 43.5 65.3

67 62.0 51.6 77.4

52 37.7 36.5 54.7

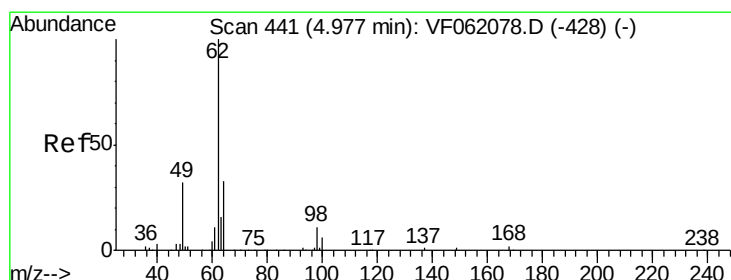
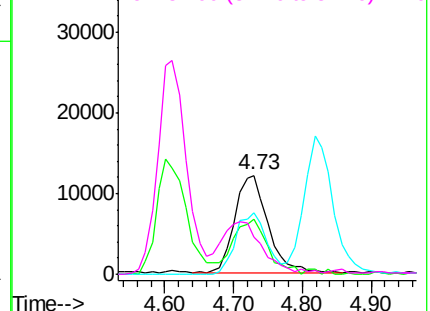
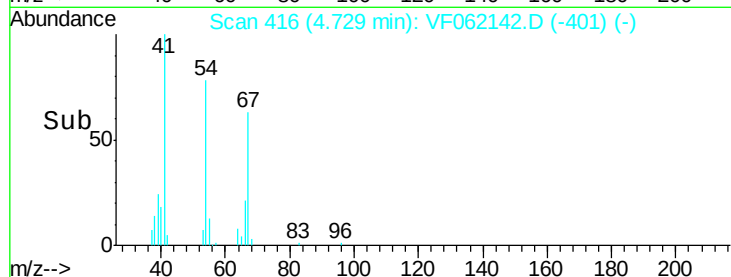


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 50.732 ug/l

RT: 4.92 min Scan# 435

Delta R.T. -0.06 min

Lab File: VF062142.D

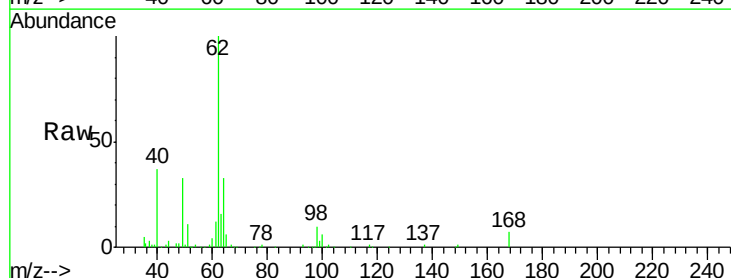
Acq: 26 Mar 2019 13:05

Tgt Ion: 62 Resp: 126916

Ion Ratio Lower Upper

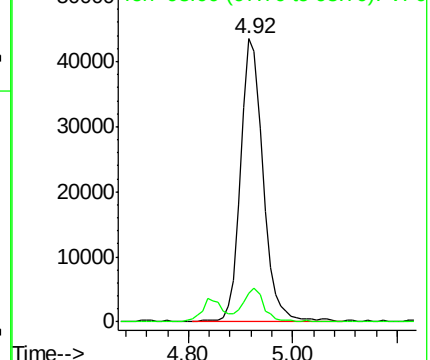
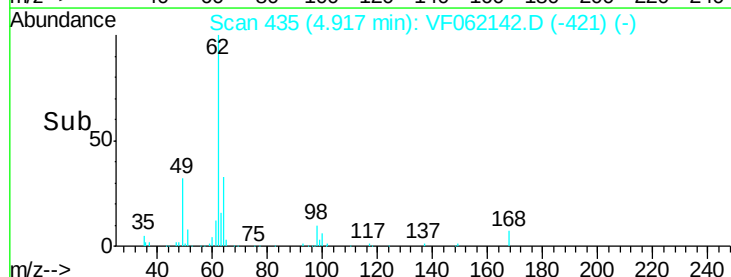
62 100

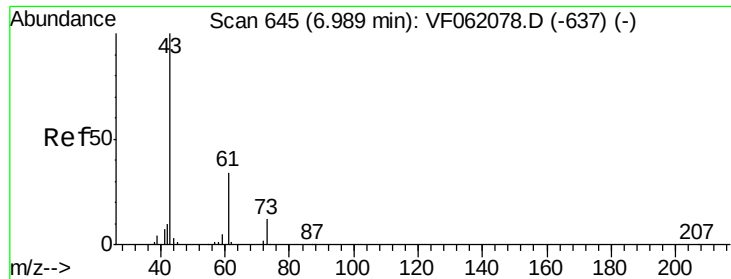
98 10.1 0.0 23.2



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 45.486 ug/l

RT: 6.94 min Scan# 640

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

ClientSampleId :

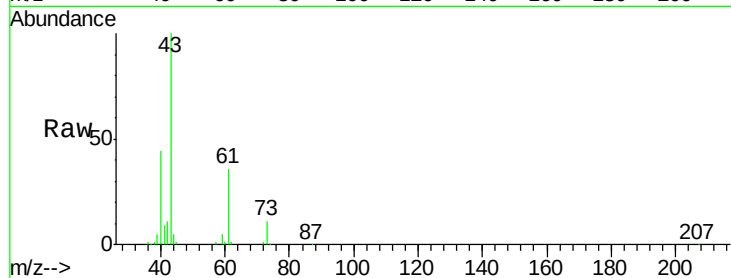
Tot Ion: 43 Resp: 95002

Ion Ratio Lower Upper

43 100

61 35.6 27.0 40.4

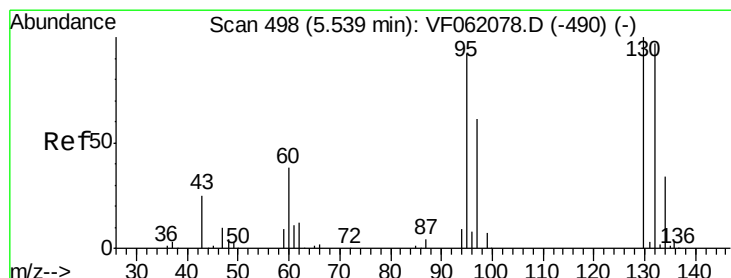
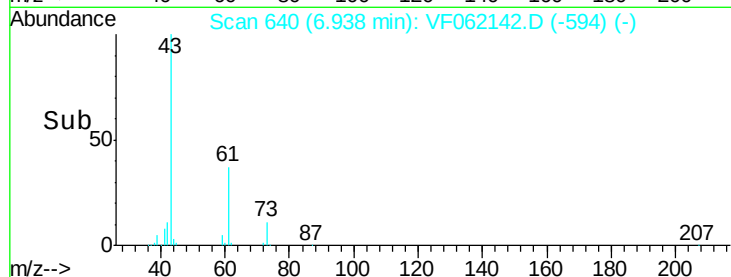
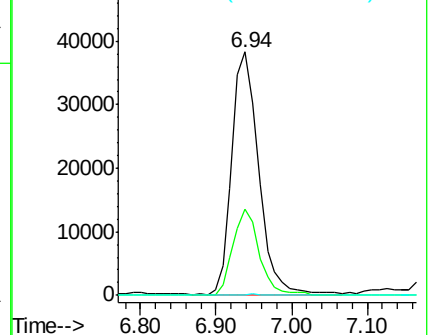
87 0.4 0.4 0.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#44

Trichloroethene

Concen: 47.596 ug/l

RT: 5.48 min Scan# 492

Delta R.T. -0.06 min

Lab File: VF062142.D

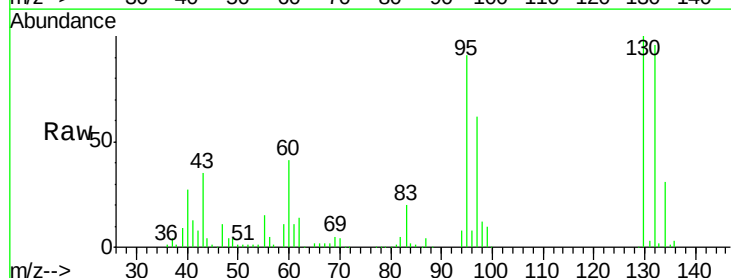
Acq: 26 Mar 2019 13:05

Tgt Ion: 130 Resp: 153944

Ion Ratio Lower Upper

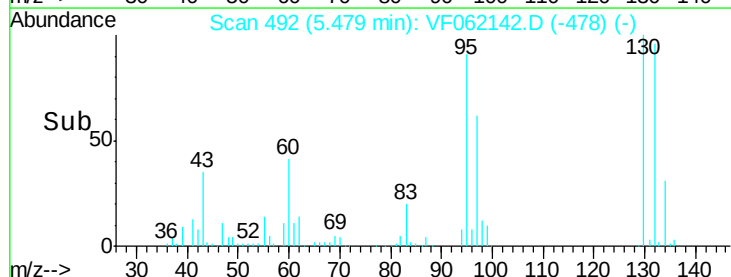
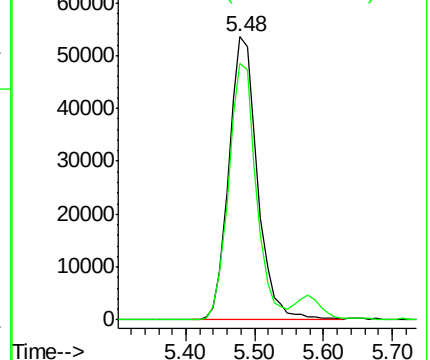
130 100

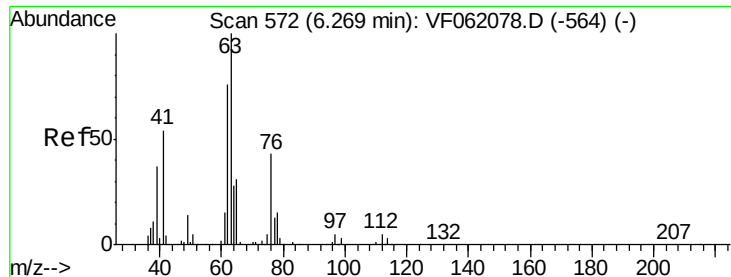
95 90.6 0.0 183.4



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 50.038 ug/l

RT: 6.22 min Scan# 567

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

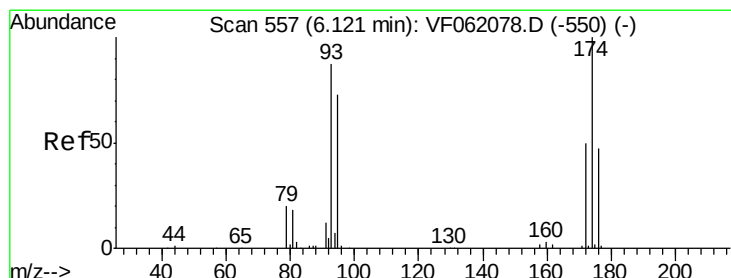
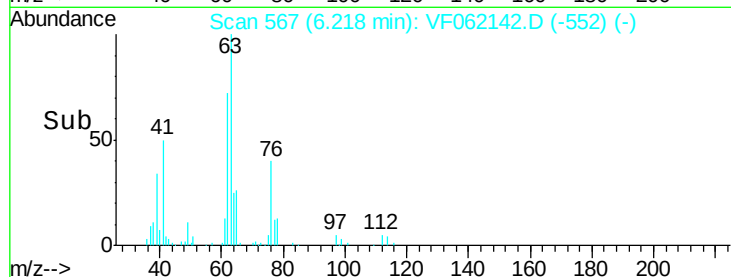
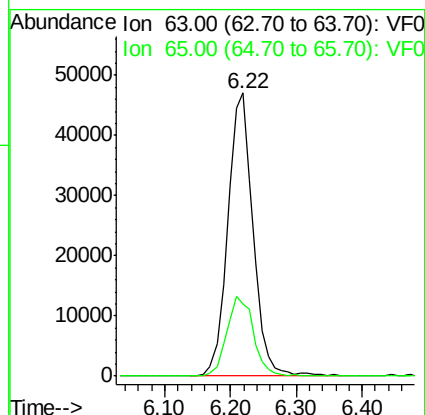
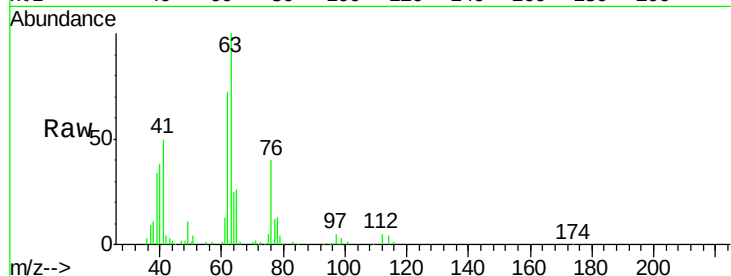
ClientSampled :

Tot Ion: 63 Resp: 126256

Ion Ratio Lower Upper

63 100

65 25.6 24.9 37.3



#46

Dibromomethane

Concen: 47.336 ug/l

RT: 6.07 min Scan# 552

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

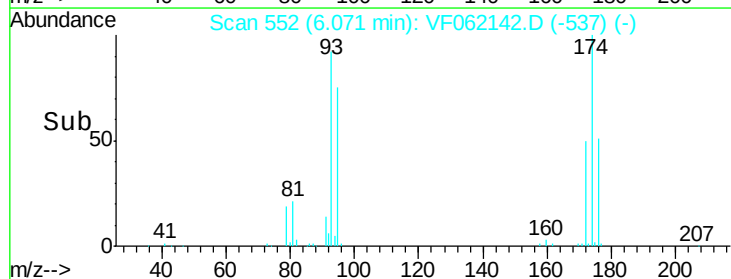
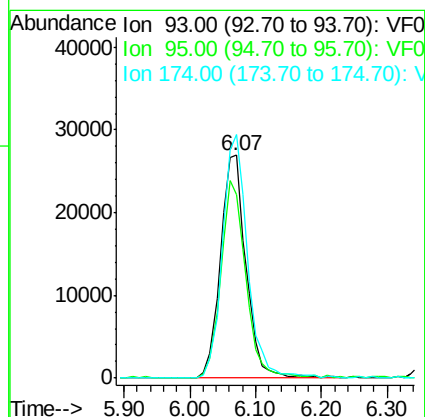
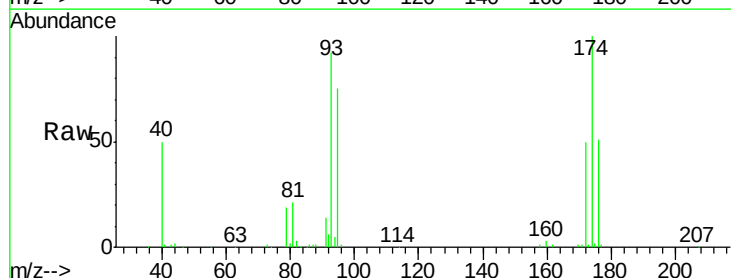
Tgt Ion: 93 Resp: 73028

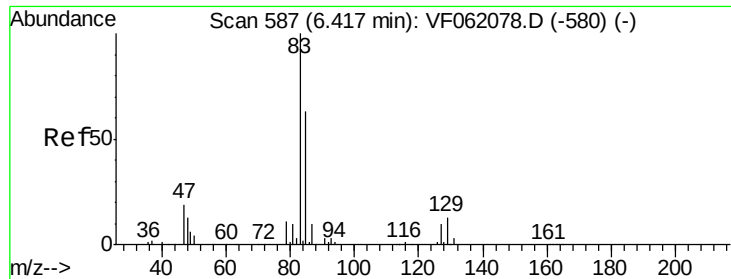
Ion Ratio Lower Upper

93 100

95 82.4 67.4 101.2

174 109.3 92.0 138.0





#47

Bromodichloromethane

Concen: 47.610 ug/l

RT: 6.37 min Scan# 582

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

ClientSampleId :

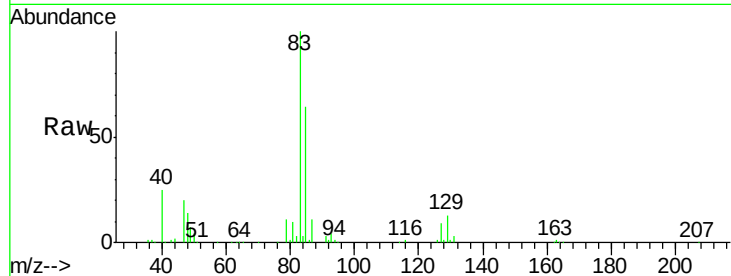
Tot Ion: 83 Resp: 162695

Ion Ratio Lower Upper

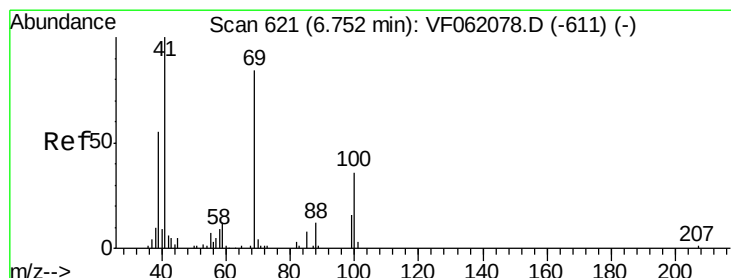
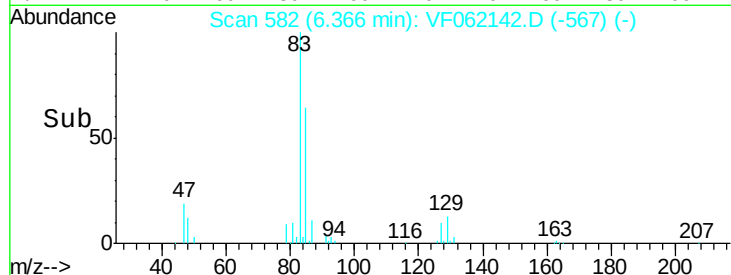
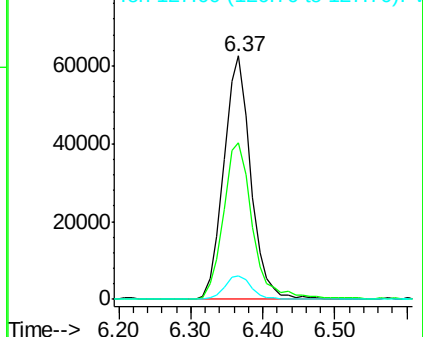
83 100

85 64.1 50.7 76.1

127 9.5 7.8 11.6



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0
Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 45.961 ug/l

RT: 6.69 min Scan# 615

Delta R.T. -0.06 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

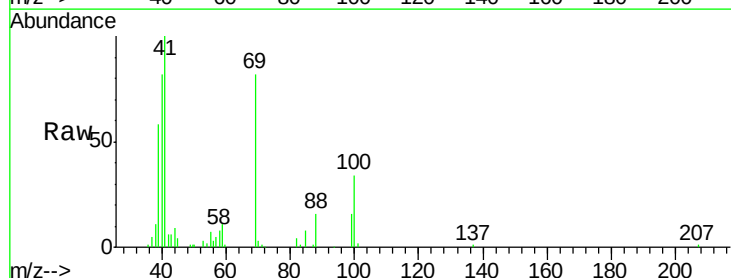
Tgt Ion: 41 Resp: 54656

Ion Ratio Lower Upper

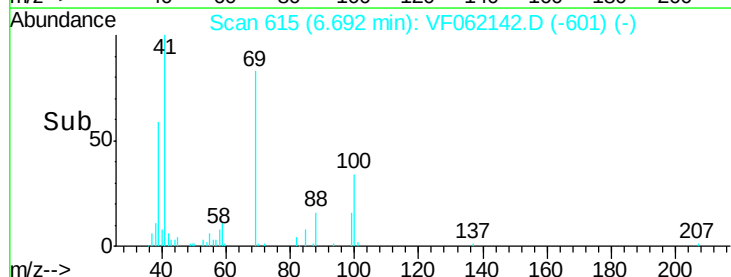
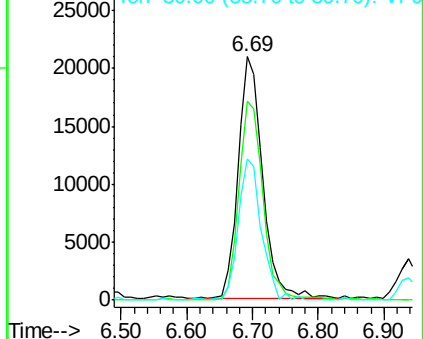
41 100

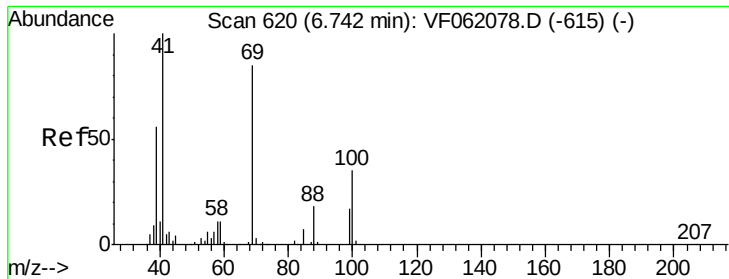
69 81.9 66.6 100.0

39 57.9 43.6 65.4



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0

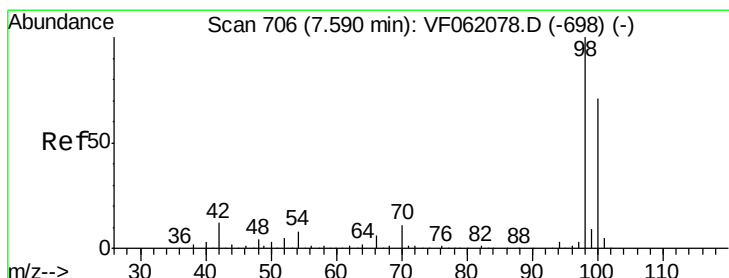
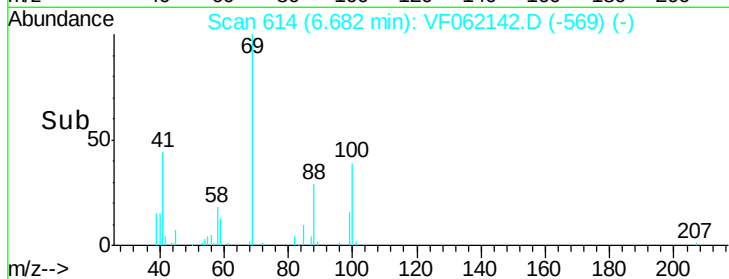
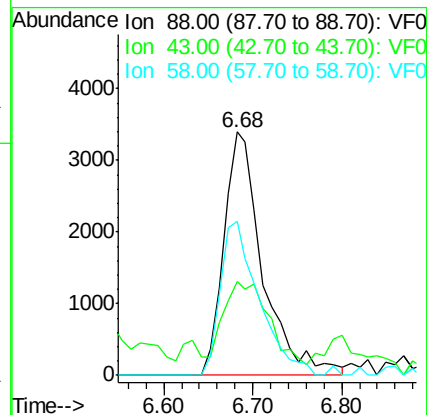
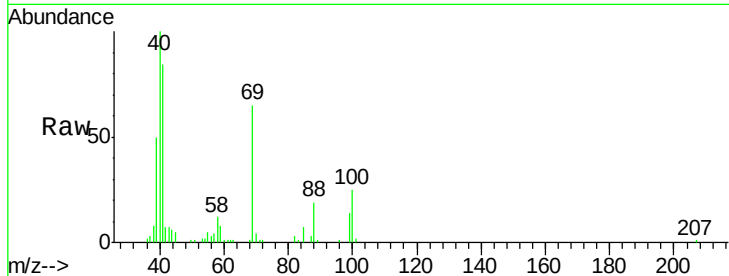




#49
1,4-Dioxane
Concen: 993.802 ug/l
RT: 6.68 min Scan# 614
Delta R.T. -0.06 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

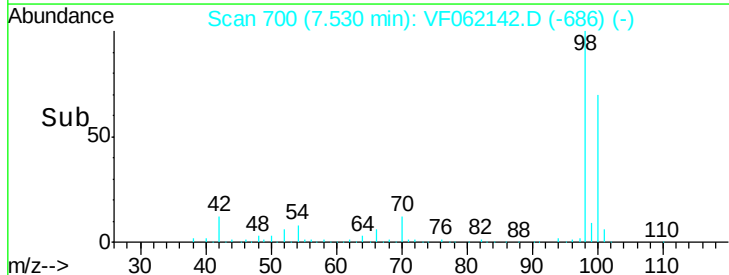
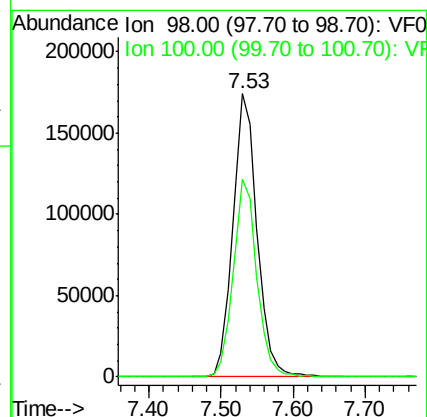
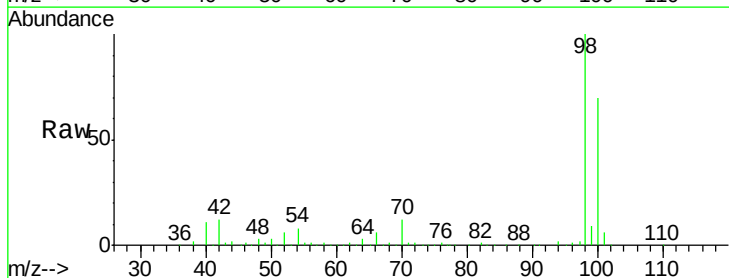
Instrument :
MSVOA_F
ClientSampled :

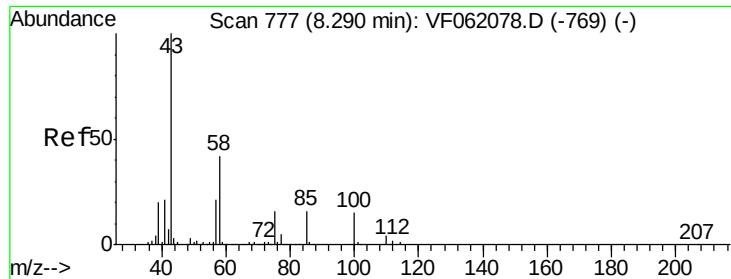
Tot Ion: 88 Resp: 10370
Ion Ratio Lower Upper
88 100
43 38.7 35.0 52.4
58 63.3 49.9 74.9



#50
Toluene-d8
Concen: 48.745 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.06 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Tgt Ion: 98 Resp: 407784
Ion Ratio Lower Upper
98 100
100 69.7 57.0 85.6





#51

4-Methyl-2-Pentanone

Concen: 238.510 ug/l

RT: 8.24 min Scan# 772

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

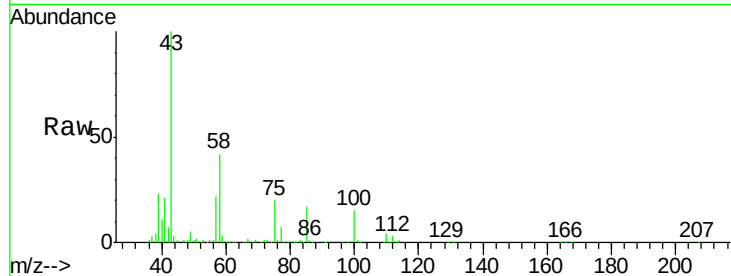
ClientSampleId :

Tot Ion: 43 Resp: 333417

Ion Ratio Lower Upper

43 100

58 41.8 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.24

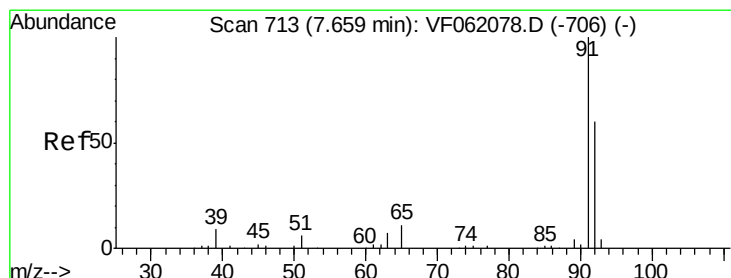
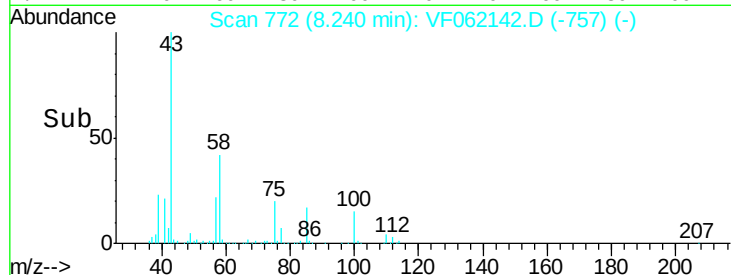
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 49.923 ug/l

RT: 7.60 min Scan# 707

Delta R.T. -0.06 min

Lab File: VF062142.D

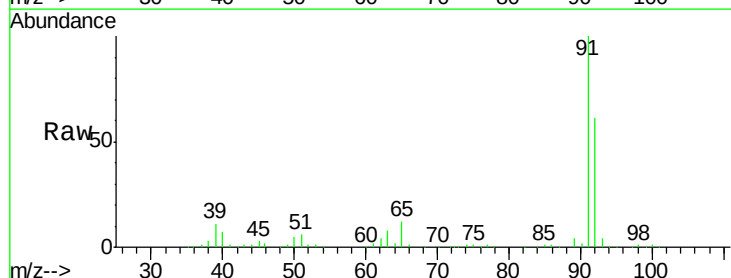
Acq: 26 Mar 2019 13:05

Tgt Ion: 92 Resp: 305901

Ion Ratio Lower Upper

92 100

91 163.7 134.1 201.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.60

200000

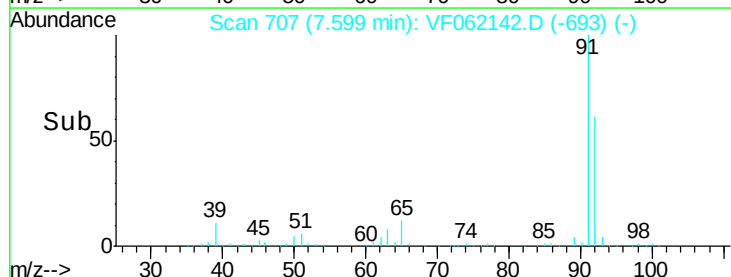
150000

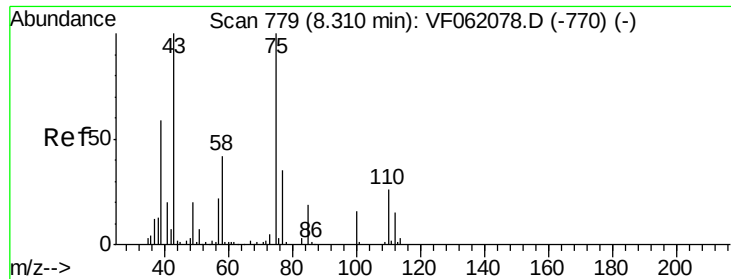
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.901 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

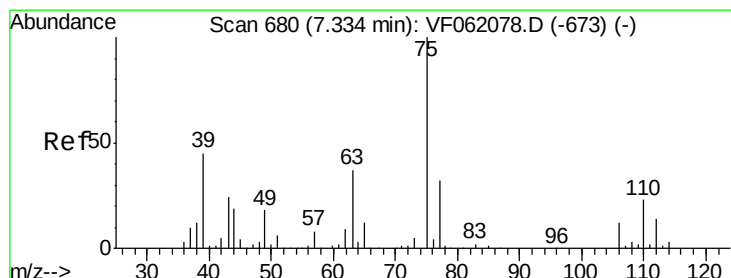
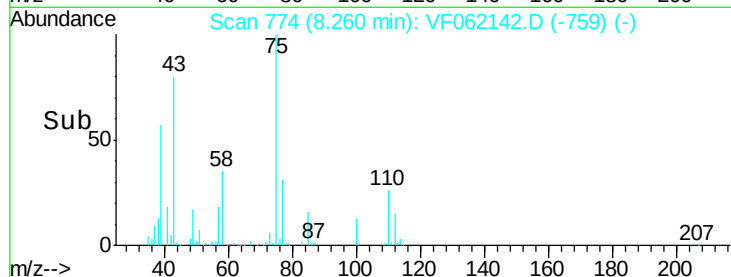
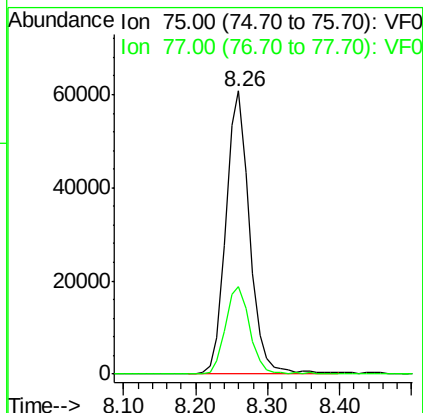
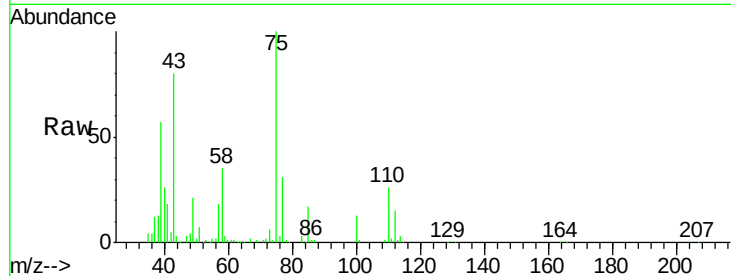
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 75 Resp: 139229

Ion Ratio Lower Upper

75 100

77 31.1 28.0 42.0



#54

cis-1,3-Dichloropropene

Concen: 49.036 ug/l

RT: 7.28 min Scan# 675

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

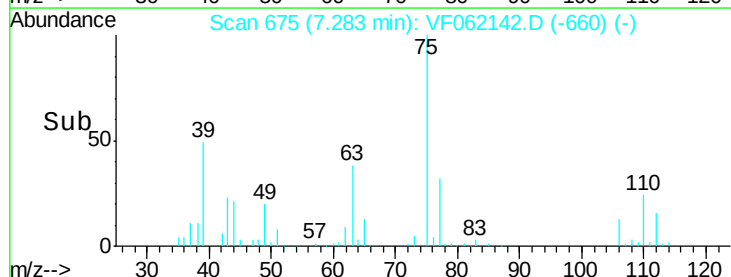
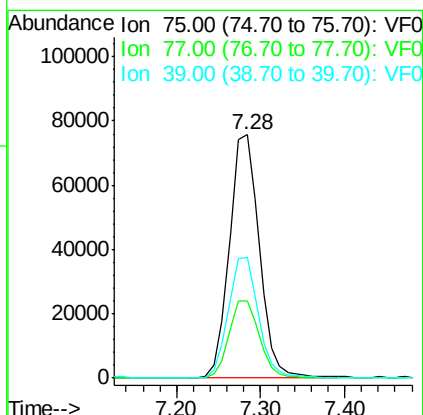
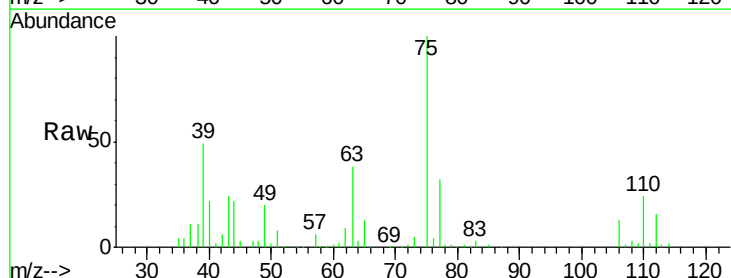
Tgt Ion: 75 Resp: 188214

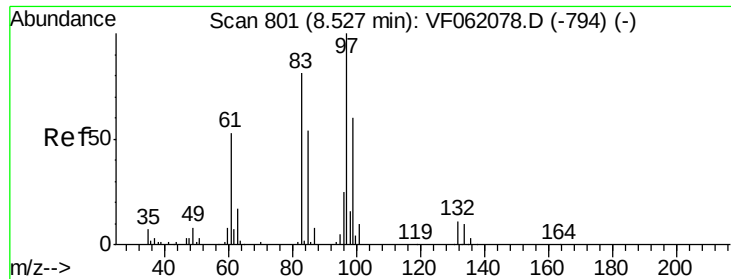
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

39 49.5 35.9 53.9





#55

1,1,2-Trichloroethane

Concen: 47.669 ug/l

RT: 8.47 min Scan# 795

Delta R.T. -0.06 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 97 Resp: 82966

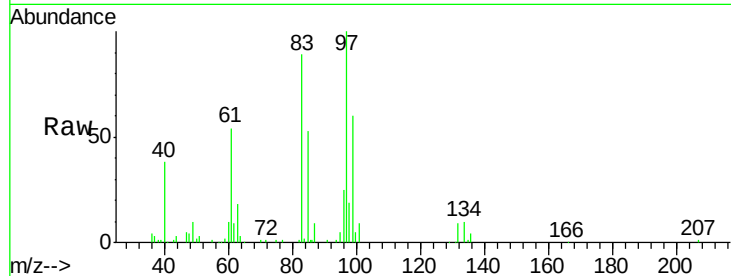
Ion	Ratio	Lower	Upper
97	100		
83	88.6	64.6	97.0
85	52.9	43.6	65.4
99	60.1	48.2	72.2

97 100

83 88.6 64.6 97.0

85 52.9 43.6 65.4

99 60.1 48.2 72.2



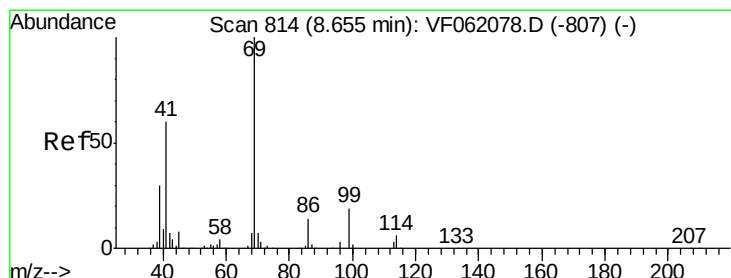
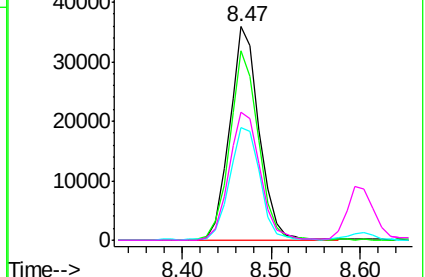
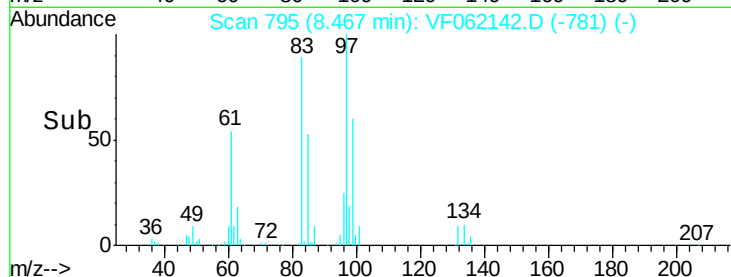
Abundance Ion 97.00 (96.70 to 97.70): VF0

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

Time-->



#56

Ethyl methacrylate

Concen: 46.512 ug/l

RT: 8.60 min Scan# 809

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

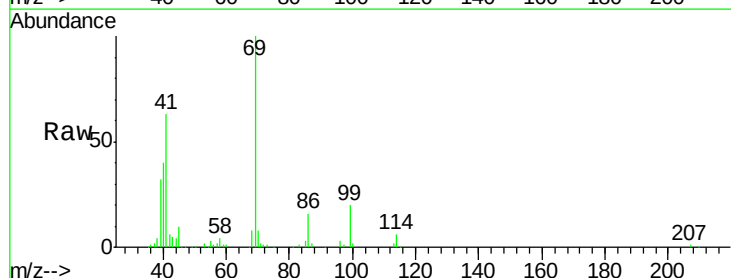
Tgt Ion: 69 Resp: 96546

Ion	Ratio	Lower	Upper
69	100		
41	63.2	48.2	72.2
39	32.0	24.0	36.0

69 100

41 63.2 48.2 72.2

39 32.0 24.0 36.0

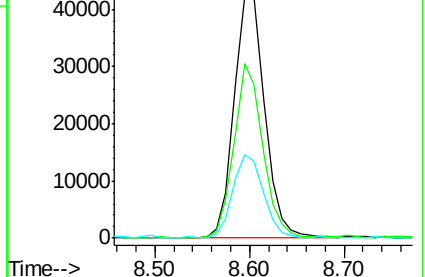
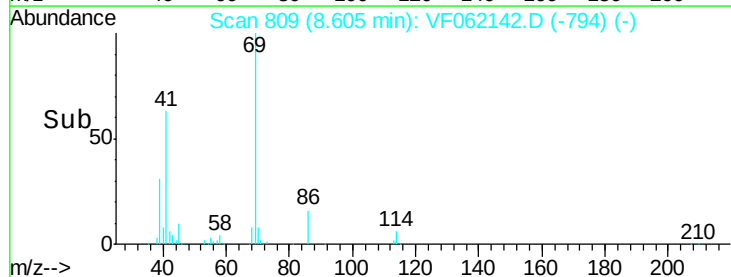


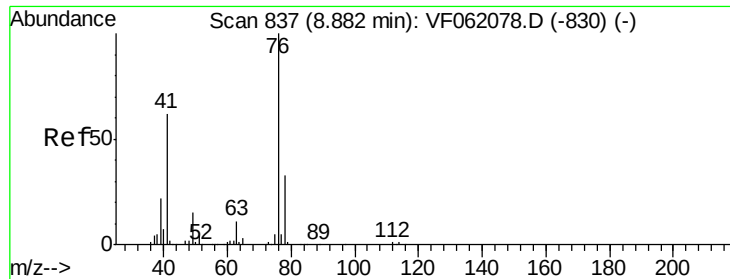
Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Time-->





#57

1,3-Dichloropropane

Concen: 49.968 ug/l

RT: 8.83 min Scan# 832

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

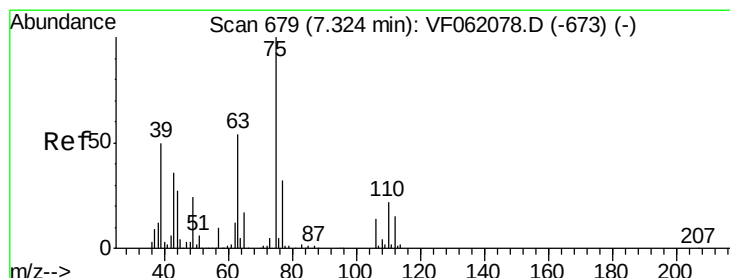
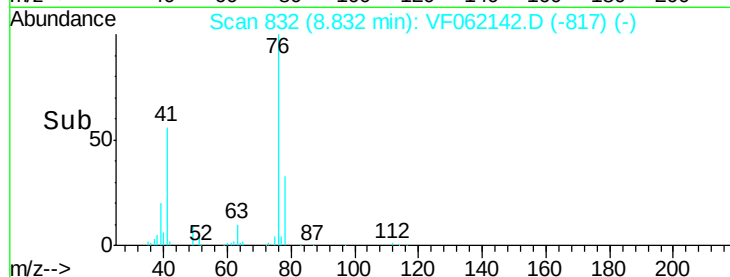
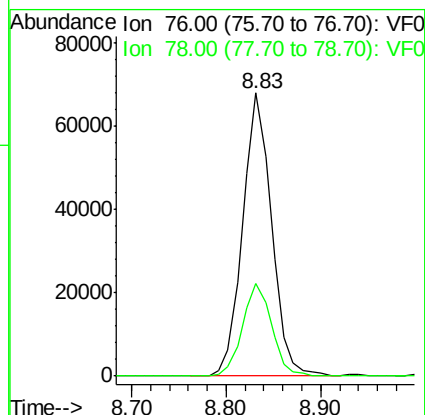
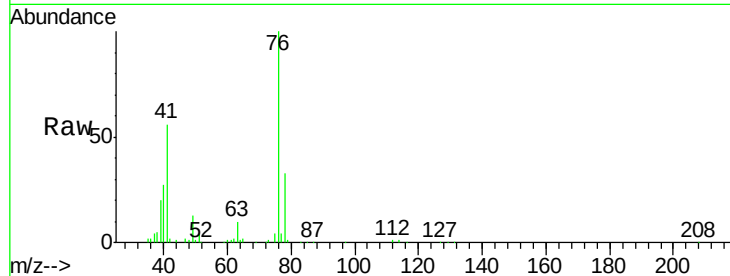
ClientSampleId :

Tot Ion: 76 Resp: 144340

Ion Ratio Lower Upper

76 100

78 32.8 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 251.457 ug/l

RT: 7.27 min Scan# 674

Delta R.T. -0.05 min

Lab File: VF062142.D

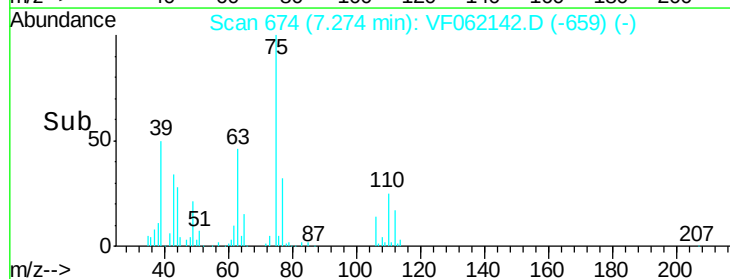
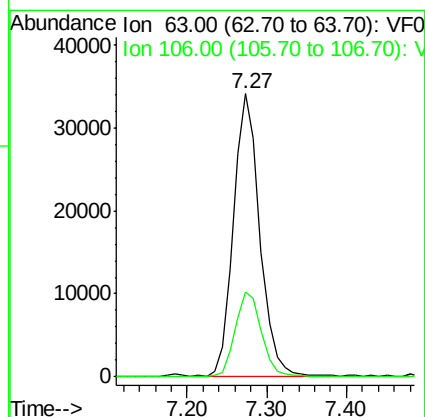
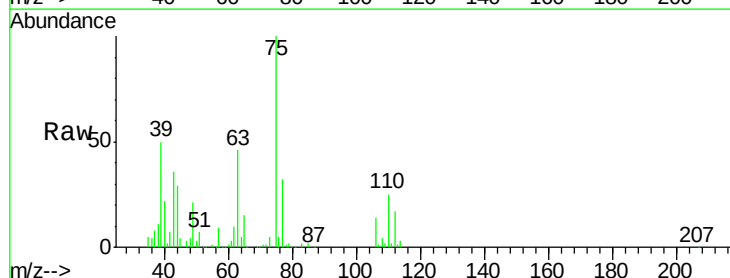
Acq: 26 Mar 2019 13:05

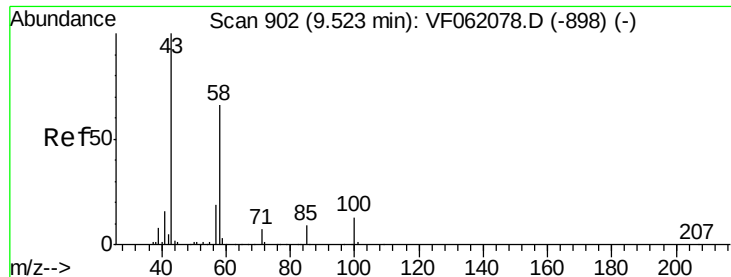
Tgt Ion: 63 Resp: 79202

Ion Ratio Lower Upper

63 100

106 30.0 21.5 32.3

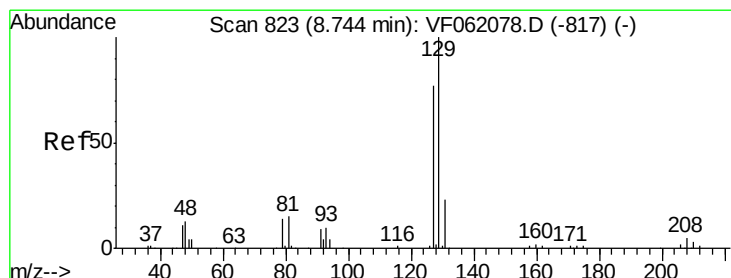
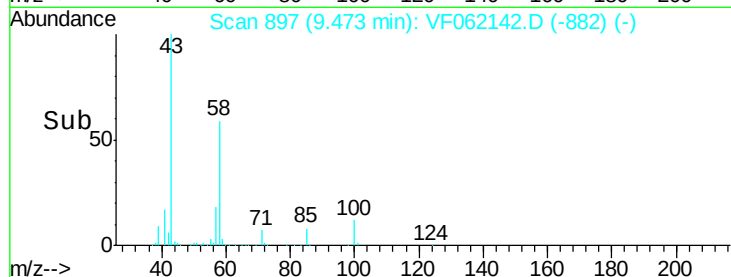
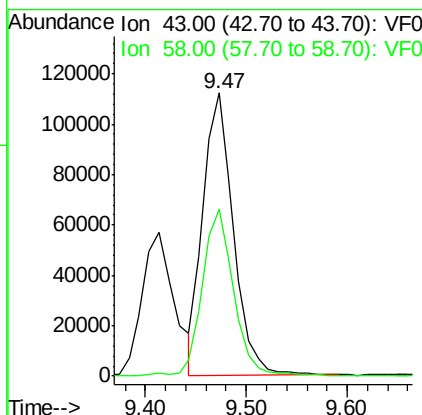
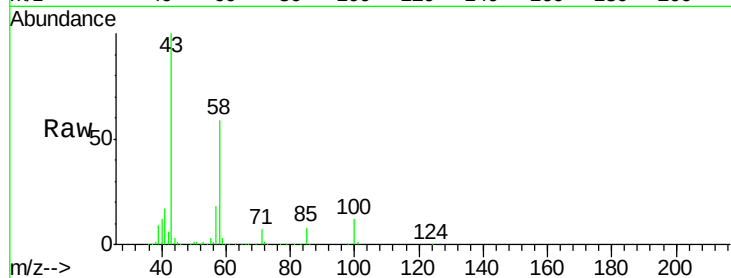




#59
2-Hexanone
Concen: 228.620 ug/l
RT: 9.47 min Scan# 897
Delta R.T. -0.05 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

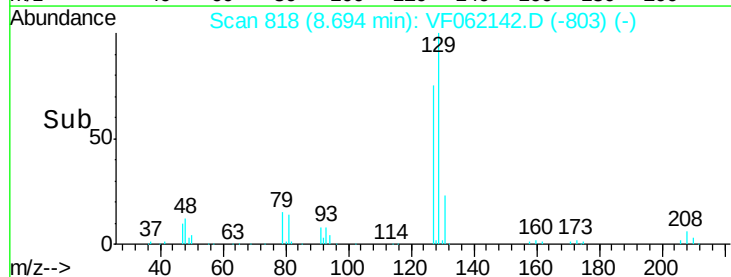
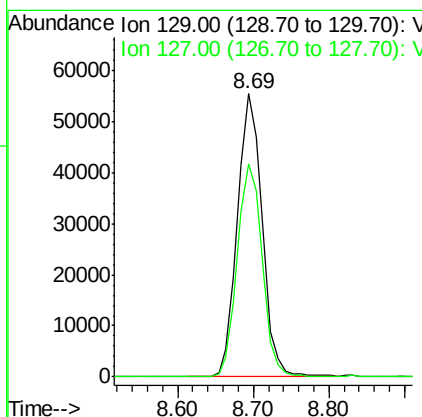
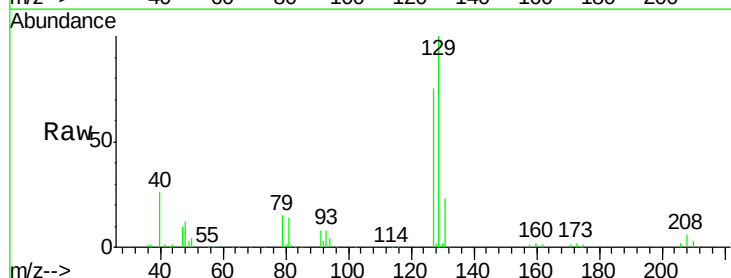
Instrument :
MSVOA_F
ClientSampleId :

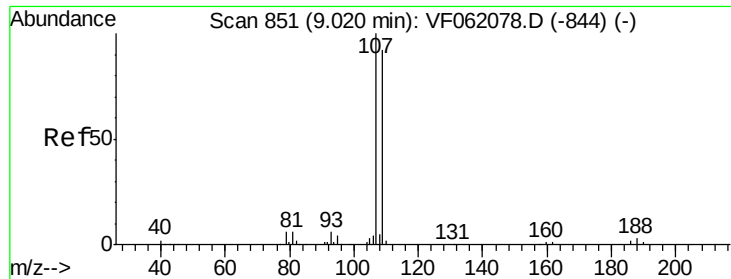
Tot Ion: 43 Resp: 234231
Ion Ratio Lower Upper
43 100
58 58.9 28.8 86.4



#60
Dibromochloromethane
Concen: 51.792 ug/l
RT: 8.69 min Scan# 818
Delta R.T. -0.05 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Tgt Ion: 129 Resp: 125313
Ion Ratio Lower Upper
129 100
127 75.2 38.7 116.1





#61

1,2-Dibromoethane

Concen: 49.299 ug/l

RT: 8.97 min Scan# 846

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

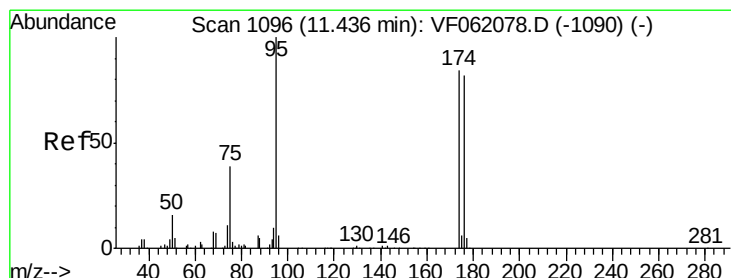
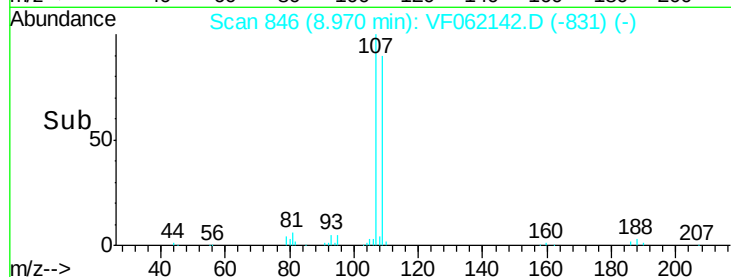
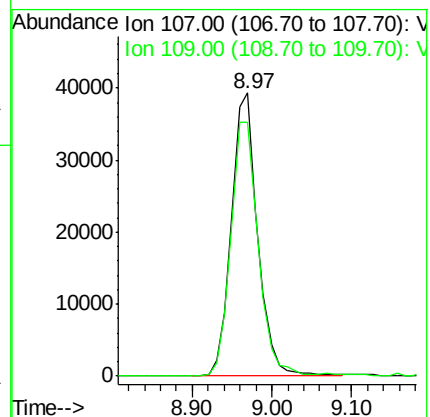
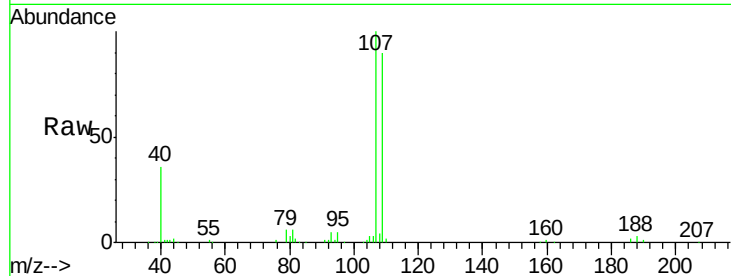
ClientSampleId :

Tot Ion:107 Resp: 91542

Ion Ratio Lower Upper

107 100

109 89.9 73.4 110.0



#62

4-Bromofluorobenzene

Concen: 48.727 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.04 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

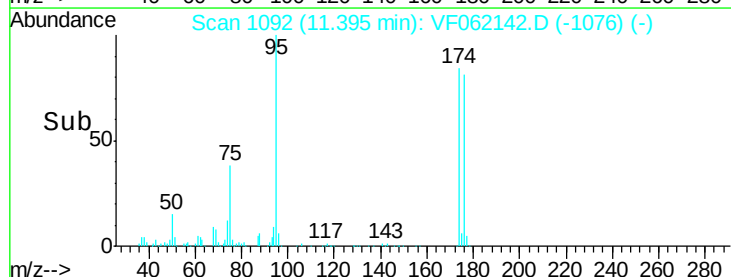
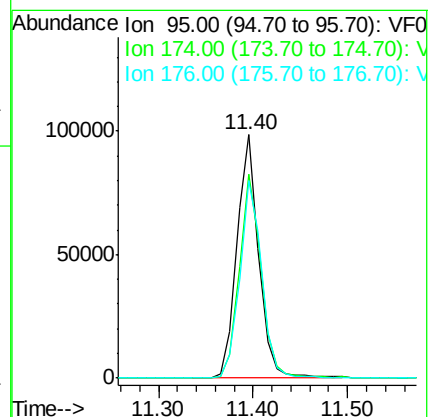
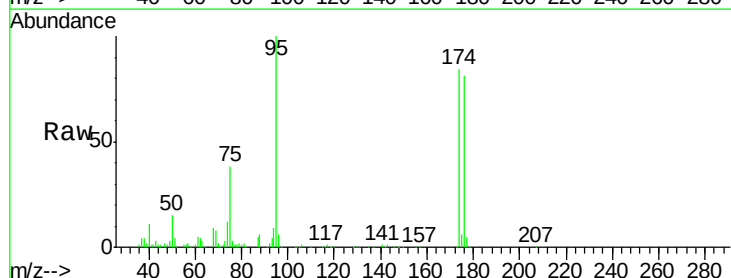
Tgt Ion: 95 Resp: 157370

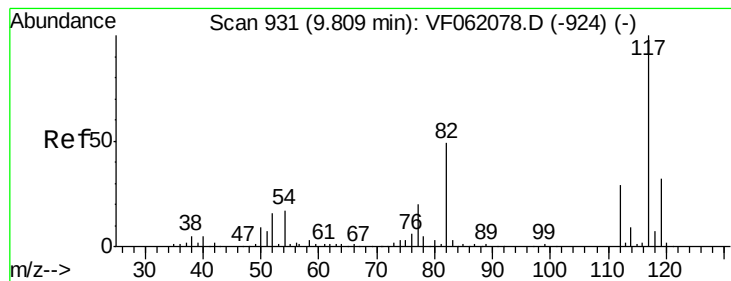
Ion Ratio Lower Upper

95 100

174 84.0 0.0 168.2

176 81.1 0.0 164.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.75 min Scan# 925

Delta R.T. -0.06 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :
MSVOA_F
ClientSampleId :

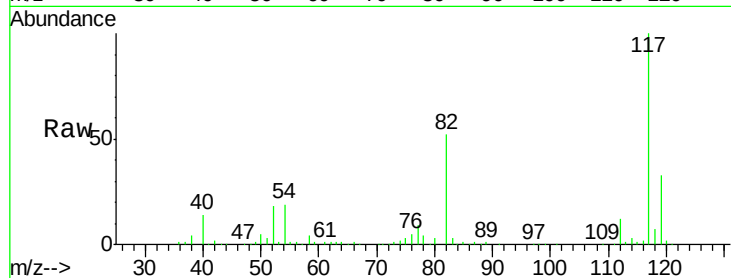
Tot Ion:117 Resp: 343118

Ion Ratio Lower Upper

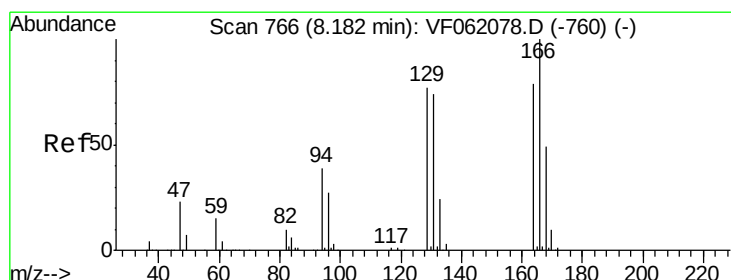
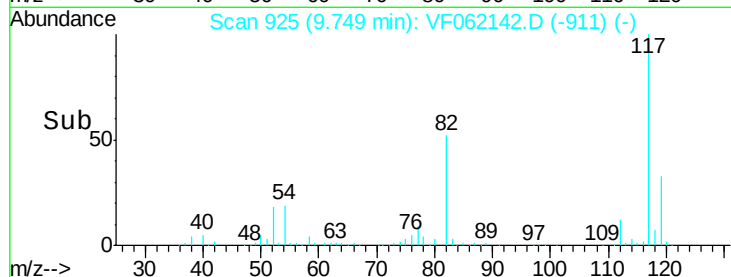
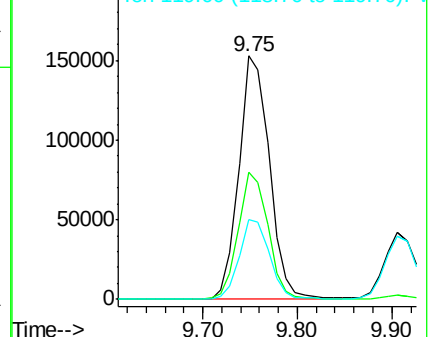
117 100

82 52.1 39.2 58.8

119 32.6 25.4 38.2



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



#64

Tetrachloroethene

Concen: 50.118 ug/l

RT: 8.13 min Scan# 761

Delta R.T. -0.05 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Tgt Ion:164 Resp: 132855

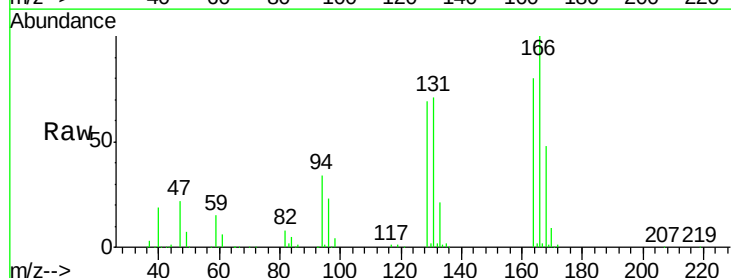
Ion Ratio Lower Upper

164 100

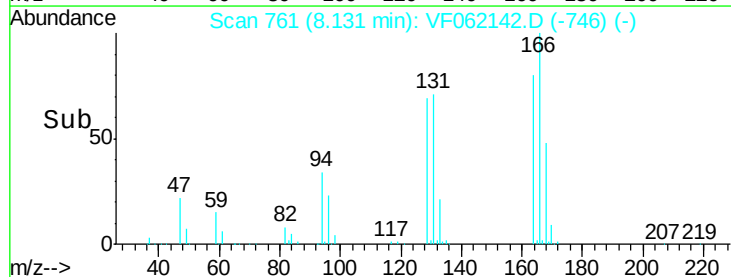
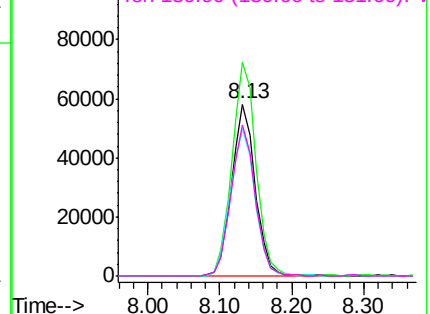
166 124.4 100.9 151.3

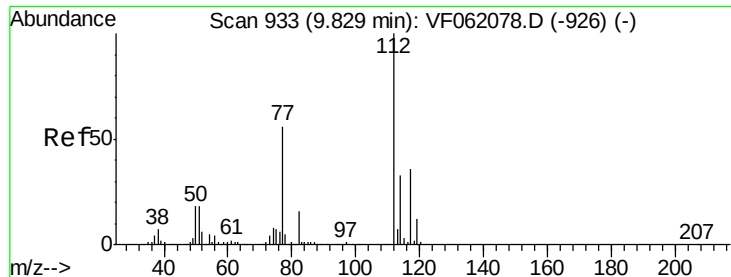
129 85.4 77.9 116.9

131 88.1 74.6 112.0



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

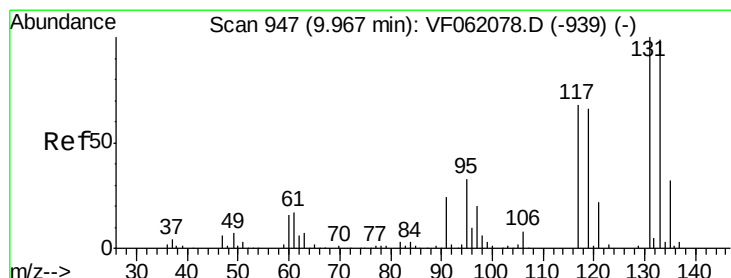
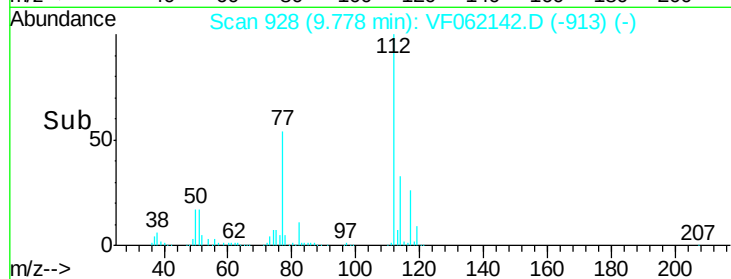
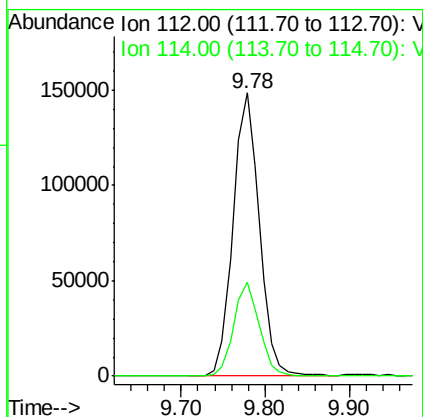
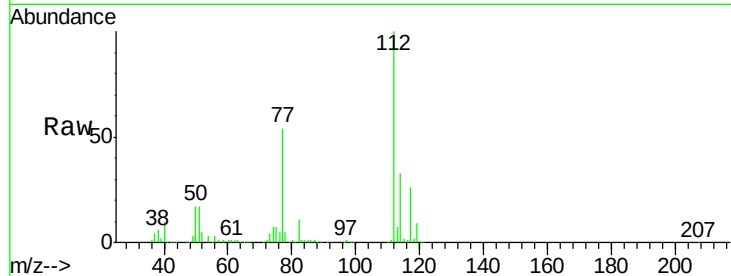




#65
Chlorobenzene
Concen: 50.352 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.05 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

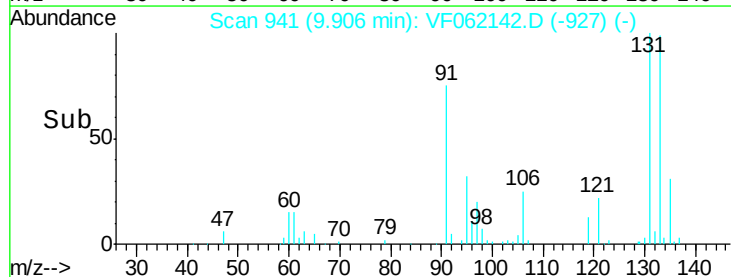
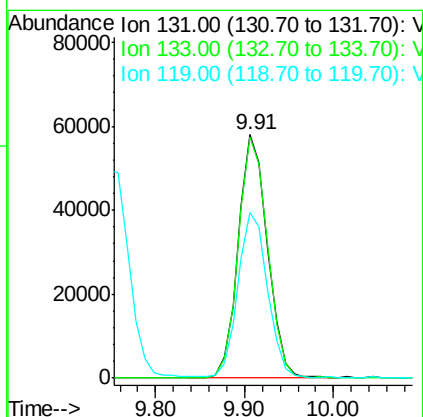
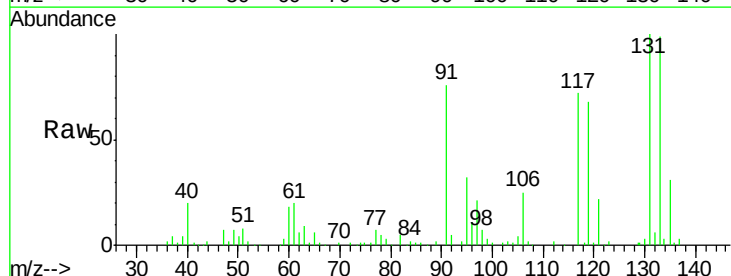
Instrument :
MSVOA_F
ClientSampleId :

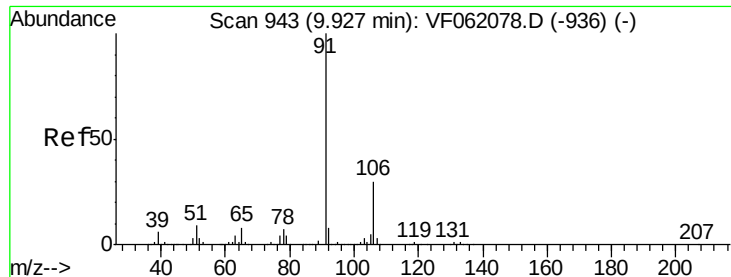
Tot Ion:112 Resp: 323261
Ion Ratio Lower Upper
112 100
114 33.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.146 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.06 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Tgt Ion:131 Resp: 131895
Ion Ratio Lower Upper
131 100
133 99.0 49.3 147.8
119 68.1 33.5 100.4

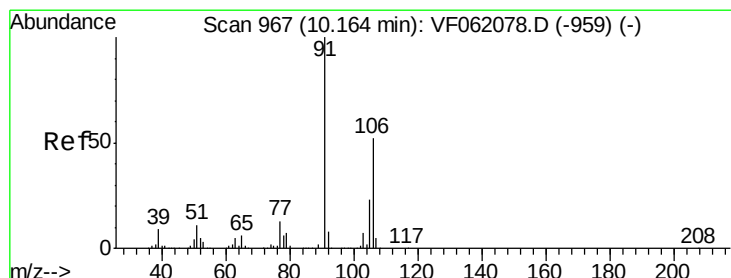
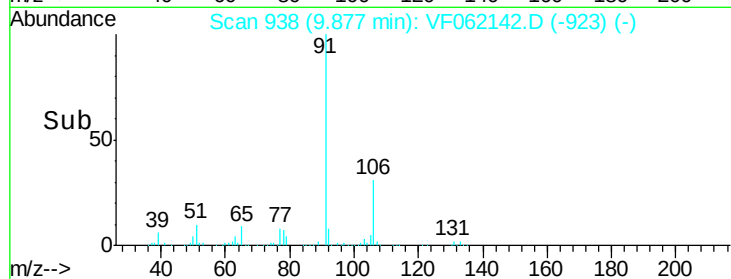
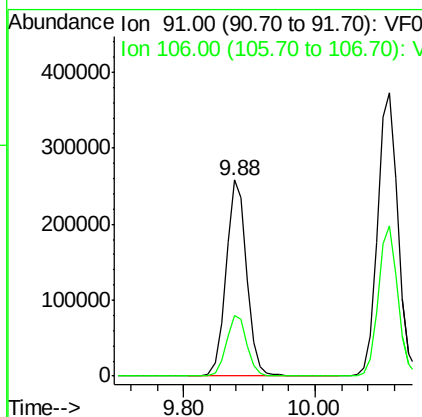
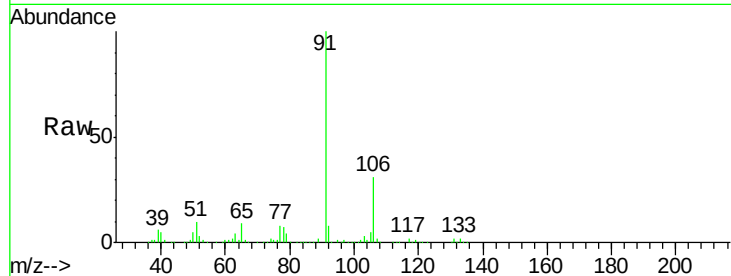




#67
Ethyl Benzene
Concen: 50.735 ug/l
RT: 9.88 min Scan# 938
Delta R.T. -0.05 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

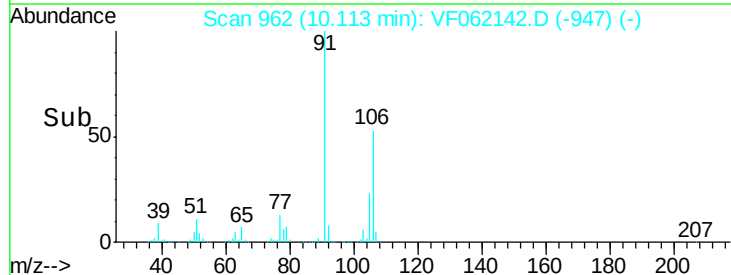
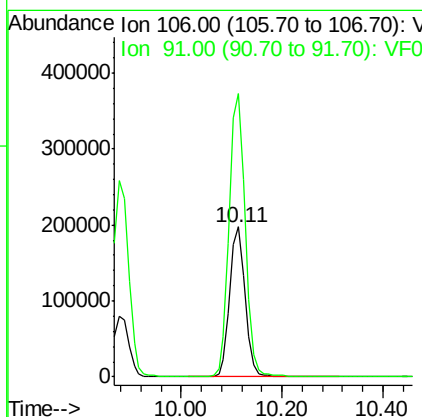
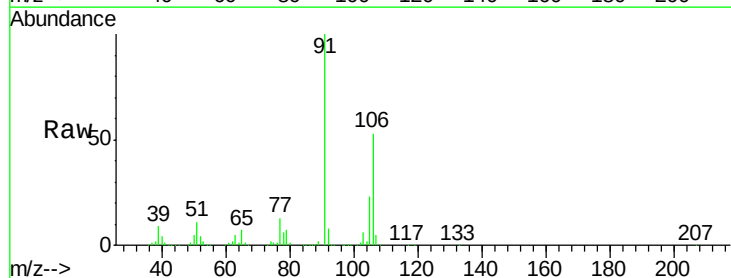
Instrument :
MSVOA_F
ClientSampled :

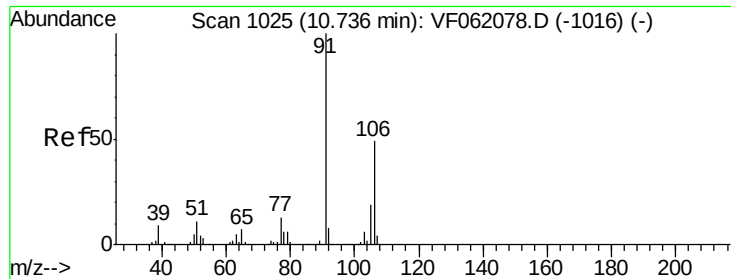
Tot Ion: 91 Resp: 566454
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0



#68
m/p-Xylenes
Concen: 99.977 ug/l
RT: 10.11 min Scan# 962
Delta R.T. -0.05 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Tgt Ion: 106 Resp: 417203
Ion Ratio Lower Upper
106 100
91 189.1 154.4 231.6

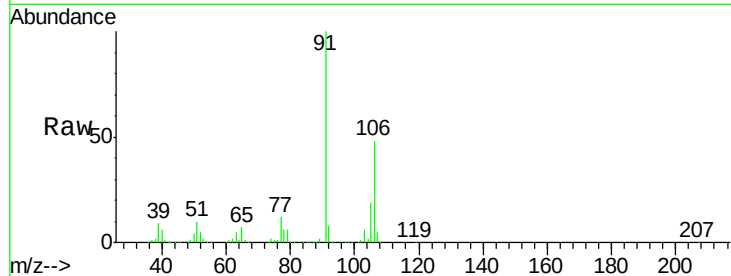




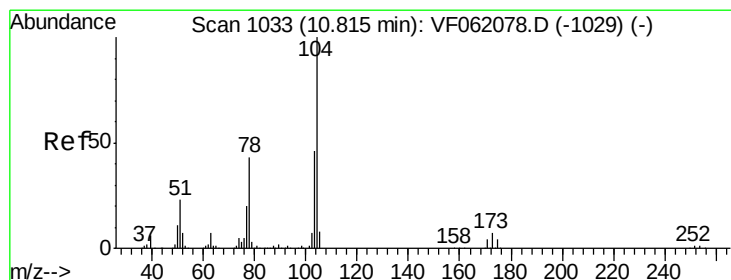
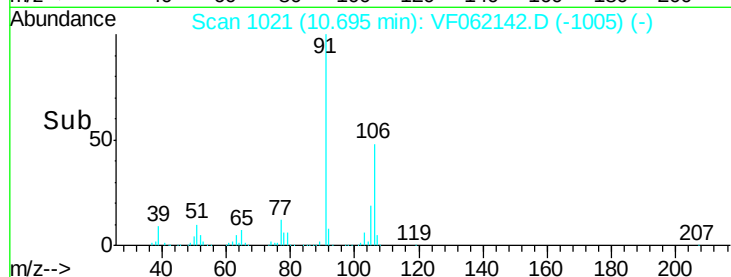
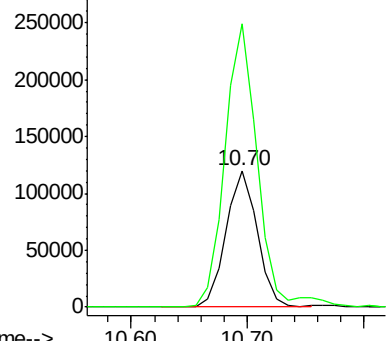
#69
o-Xylene
Concen: 51.109 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.04 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:106 Resp: 223376
Ion Ratio Lower Upper
106 100
91 207.7 102.6 307.8

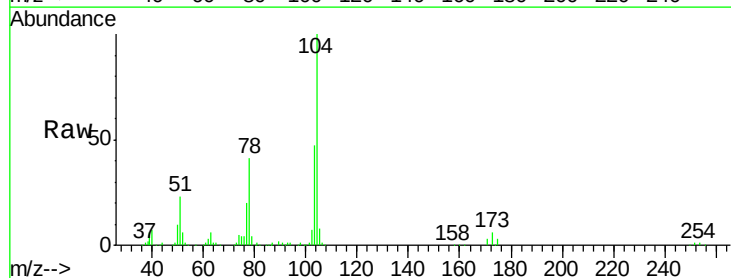


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

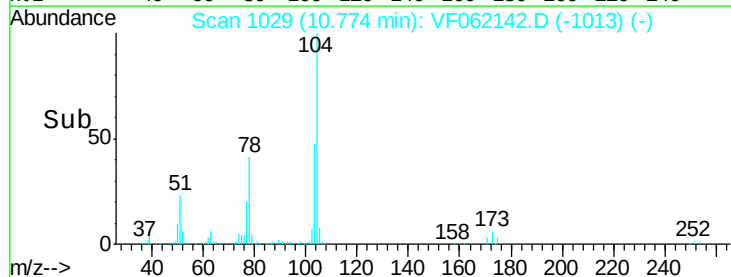
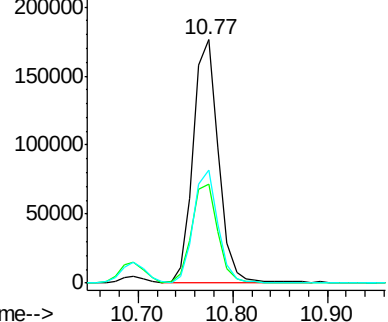


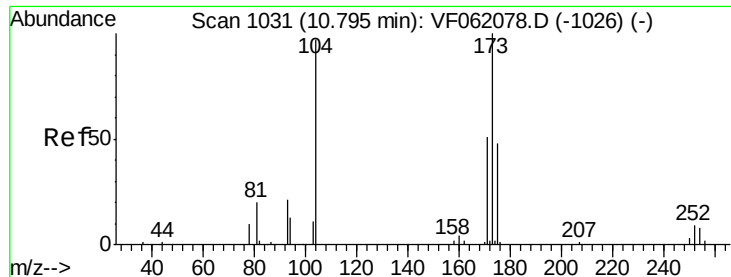
#70
Styrene
Concen: 49.188 ug/l
RT: 10.77 min Scan# 1029
Delta R.T. -0.04 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Tgt Ion:104 Resp: 325727
Ion Ratio Lower Upper
104 100
78 40.8 34.3 51.5
103 46.7 36.9 55.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VF0
Ion 103.00 (102.70 to 103.70): V

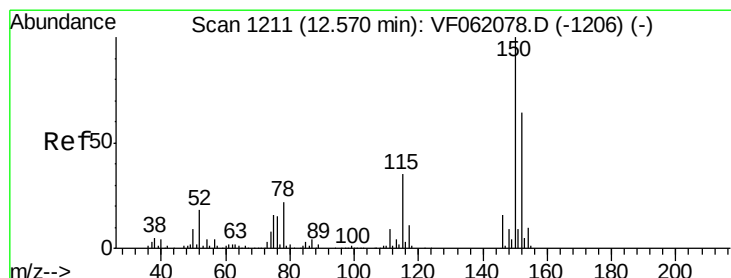
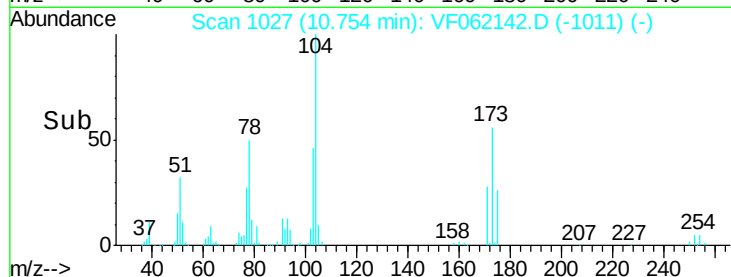
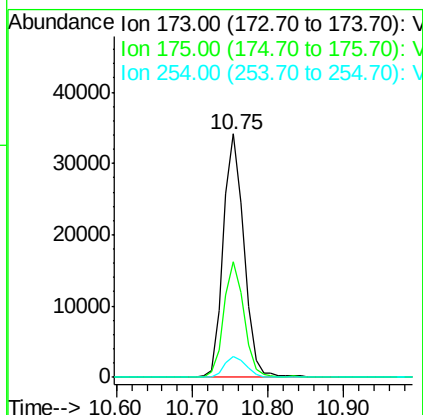
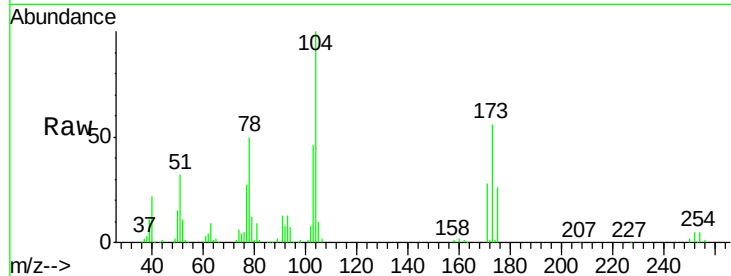




#71
Bromoform
Concen: 49.113 ug/l
RT: 10.75 min Scan# 1027
Delta R.T. -0.04 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

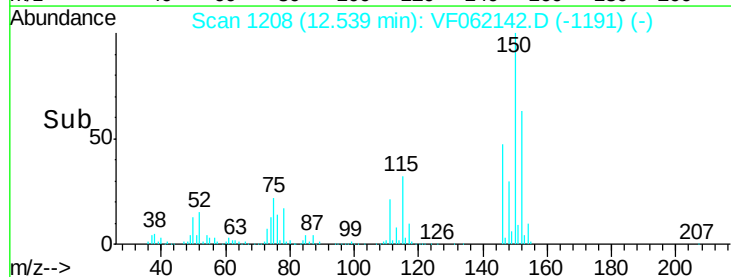
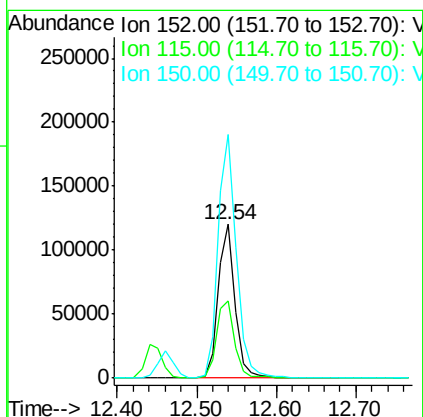
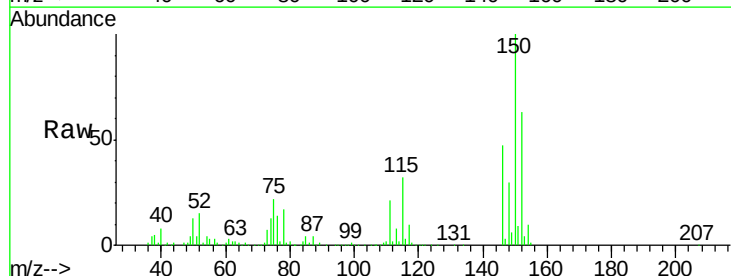
Instrument :
MSVOA_F
ClientSampled :

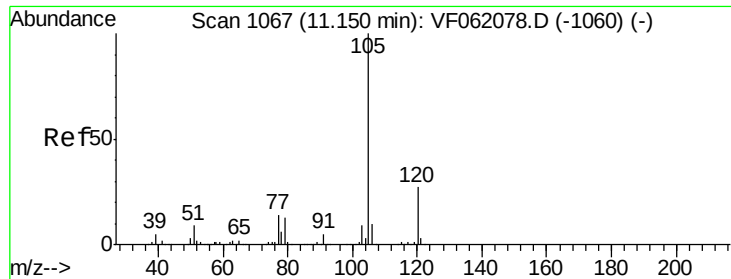
Tot Ion:173 Resp: 64781
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.4
254 8.8 6.2 9.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Tgt Ion:152 Resp: 180677
Ion Ratio Lower Upper
152 100
115 50.1 27.7 83.1
150 158.7 0.0 313.2





#73

Isopropylbenzene

Concen: 48.666 ug/l

RT: 11.11 min Scan# 1063

Delta R.T. -0.04 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

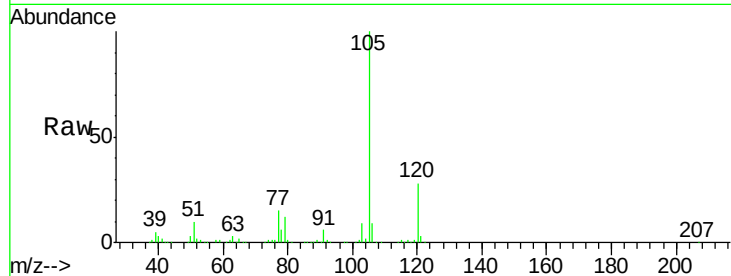
ClientSampleId :

Tot Ion:105 Resp: 618725

Ion Ratio Lower Upper

105 100

120 27.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.11

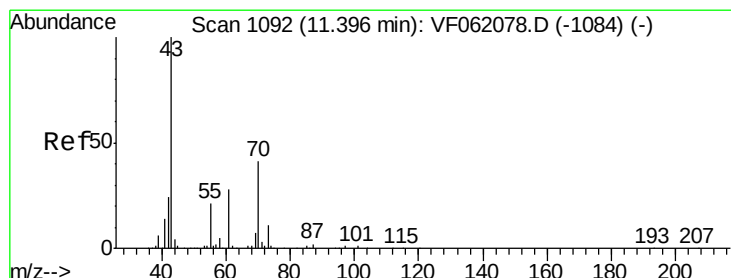
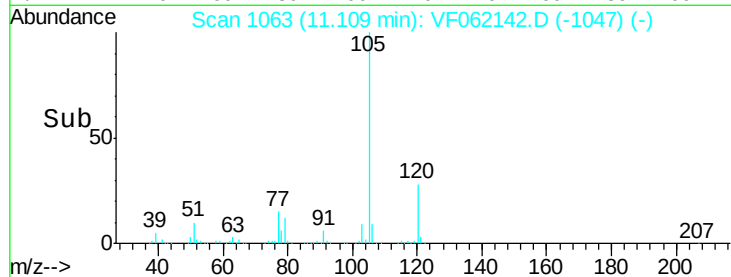
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 48.828 ug/l

RT: 11.36 min Scan# 1088

Delta R.T. -0.04 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Tgt Ion: 43 Resp: 147916

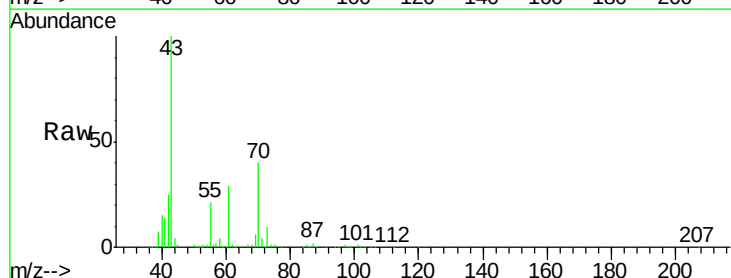
Ion Ratio Lower Upper

43 100

70 39.8 32.9 49.3

55 21.3 17.1 25.7

61 29.2 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

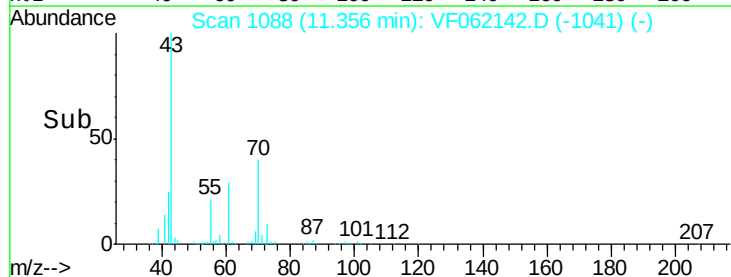
Ion 61.00 (60.70 to 61.70): VF0

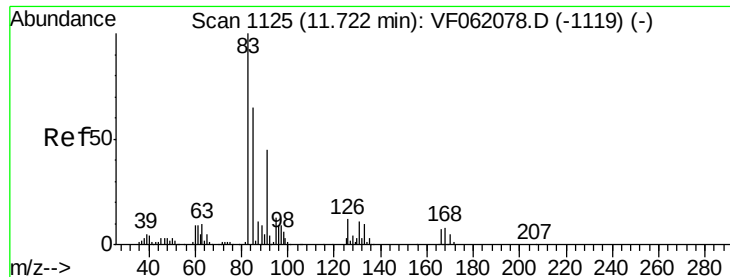
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.795 ug/l

RT: 11.68 min Scan# 1121

Delta R.T. -0.04 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

ClientSampleId :

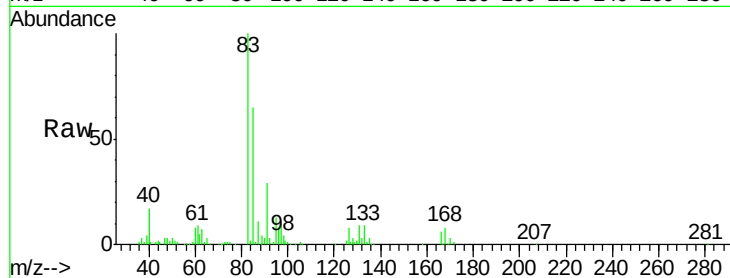
Tot Ion: 83 Resp: 106517

Ion Ratio Lower Upper

83 100

131 9.3 5.3 15.8

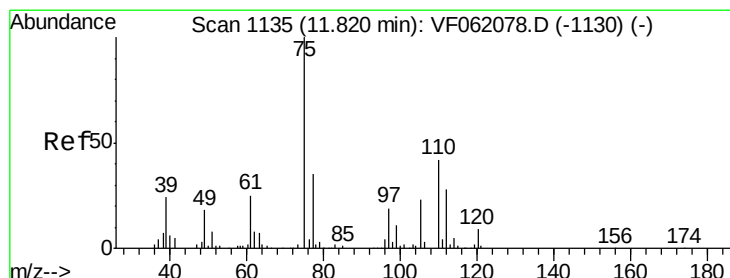
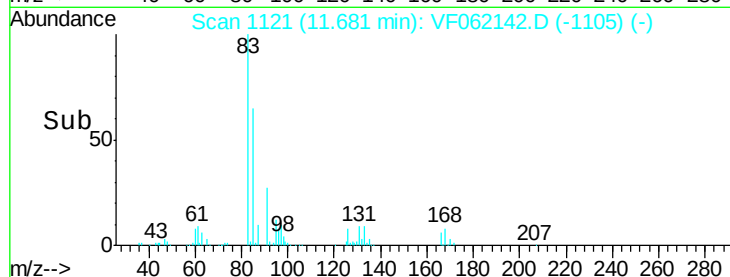
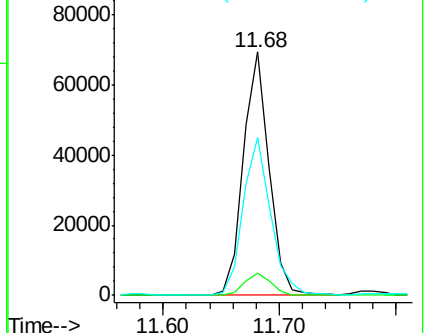
85 64.6 32.6 98.0



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 26.461 ug/l

RT: 11.86 min Scan# 1139

Delta R.T. 0.04 min

Lab File: VF062142.D

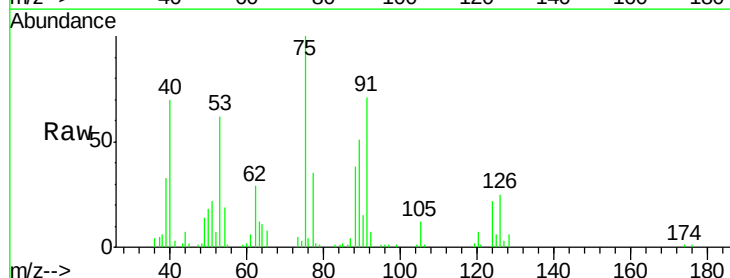
Acq: 26 Mar 2019 13:05

Tgt Ion: 75 Resp: 40651

Ion Ratio Lower Upper

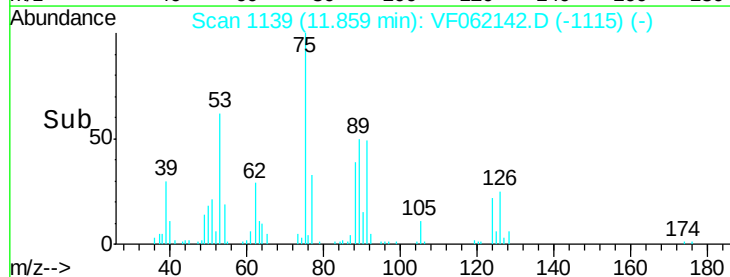
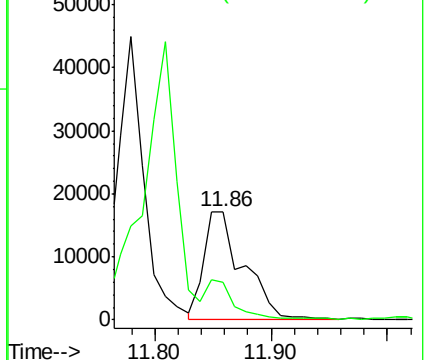
75 100

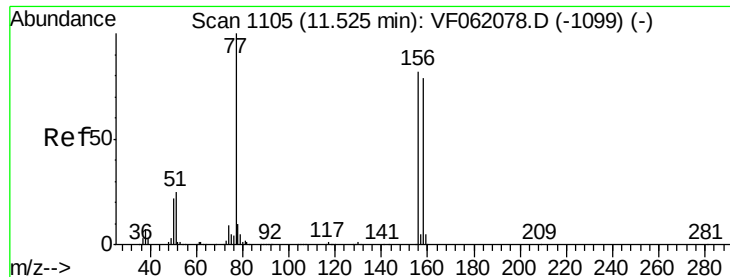
77 34.6 17.8 53.3



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

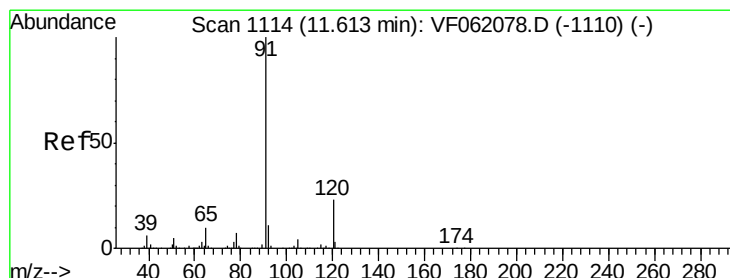
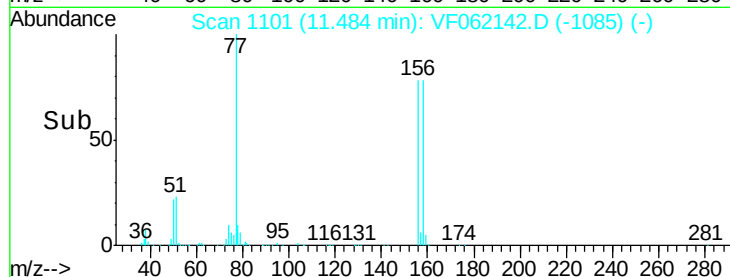
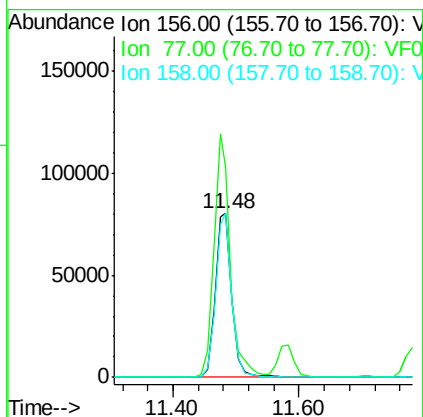
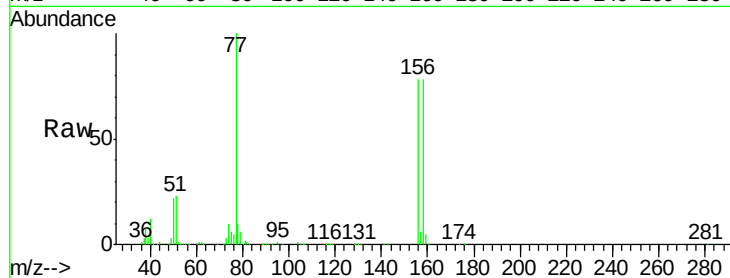




#77
Bromobenzene
Concen: 47.892 ug/l
RT: 11.48 min Scan# 1101
Delta R.T. -0.04 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

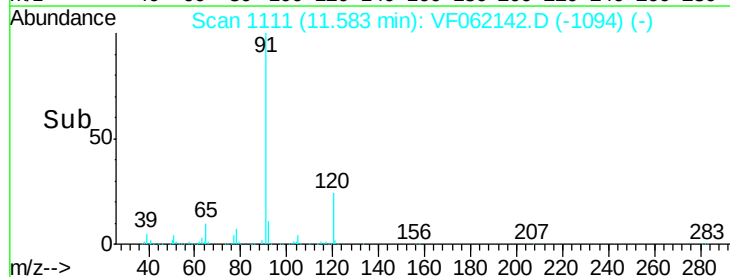
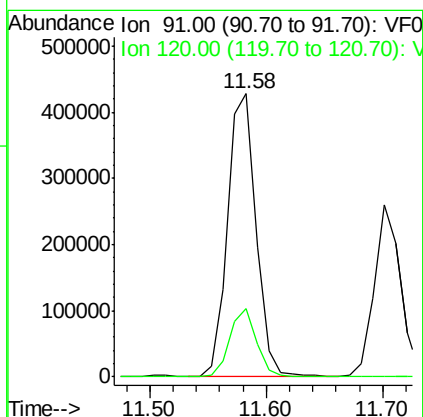
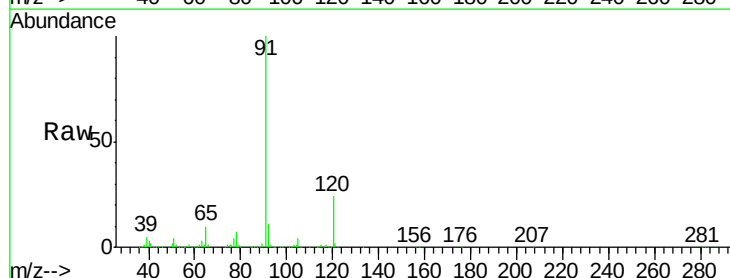
Instrument :
MSVOA_F
ClientSampleId :

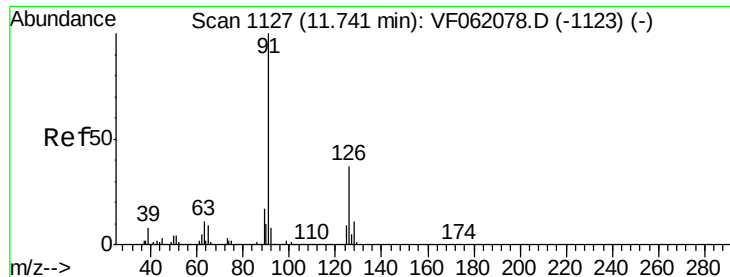
Tot Ion:156 Resp: 148759
Ion Ratio Lower Upper
156 100
77 128.3 61.3 183.9
158 100.4 48.6 145.9



#78
n-propylbenzene
Concen: 48.977 ug/l
RT: 11.58 min Scan# 1111
Delta R.T. -0.03 min
Lab File: VF062142.D
Acq: 26 Mar 2019 13:05

Tgt Ion: 91 Resp: 723033
Ion Ratio Lower Upper
91 100
120 24.3 11.3 33.8





#79

2-Chlorotoluene

Concen: 49.008 ug/l

RT: 11.70 min Scan# 1123

Delta R.T. -0.04 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

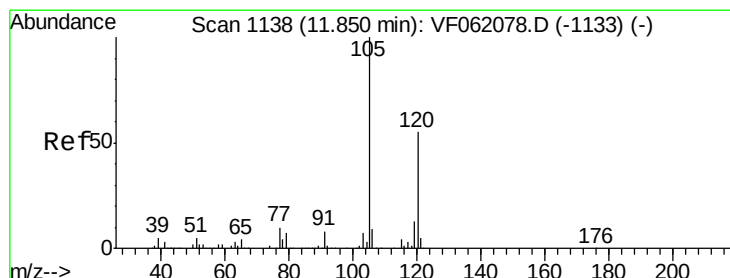
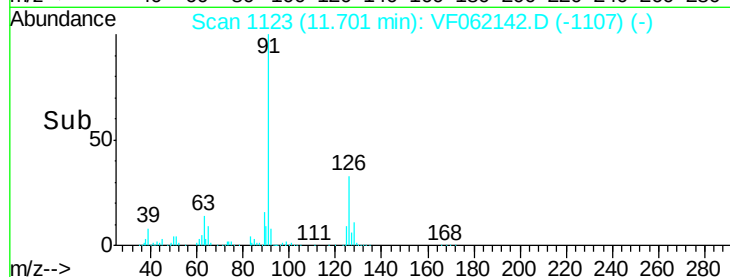
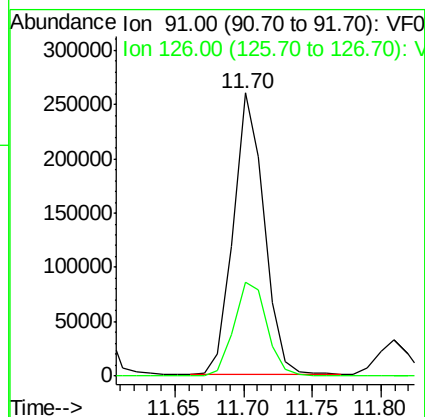
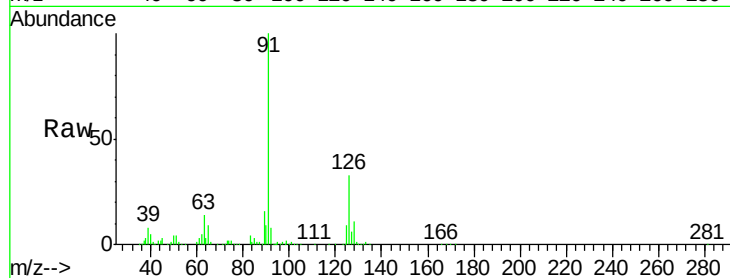
ClientSampled :

Tot Ion: 91 Resp: 402138

Ion Ratio Lower Upper

91 100

126 33.3 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 50.295 ug/l

RT: 11.81 min Scan# 1134

Delta R.T. -0.04 min

Lab File: VF062142.D

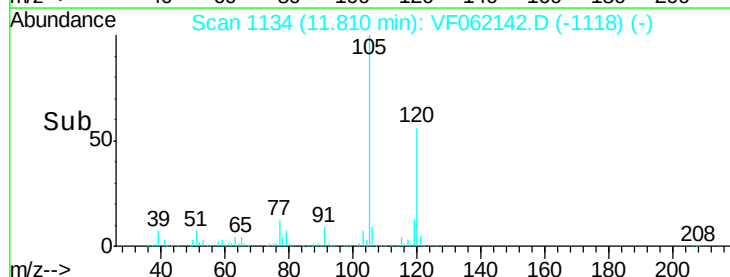
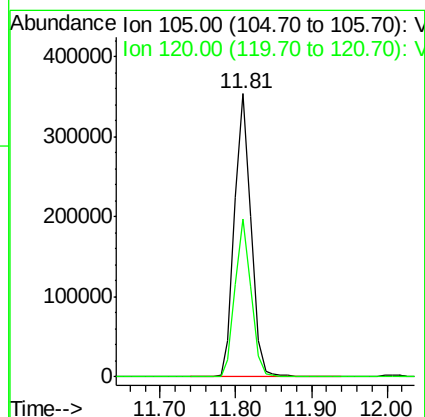
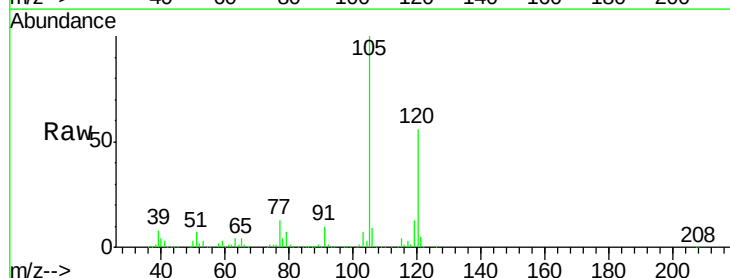
Acq: 26 Mar 2019 13:05

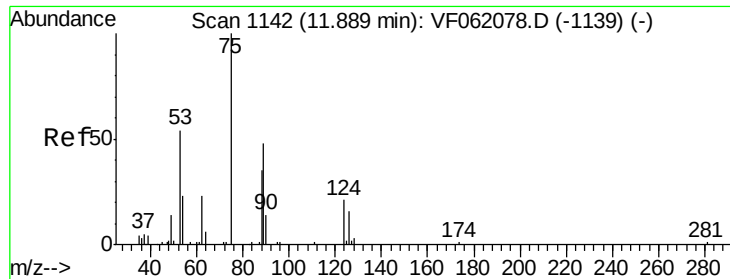
Tgt Ion:105 Resp: 525960

Ion Ratio Lower Upper

105 100

120 55.8 27.8 83.3





#81

trans-1,4-Dichloro-2-butene

Concen: 64.938 ug/l

RT: 11.86 min Scan# 1139

Delta R.T. -0.03 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

ClientSampled :

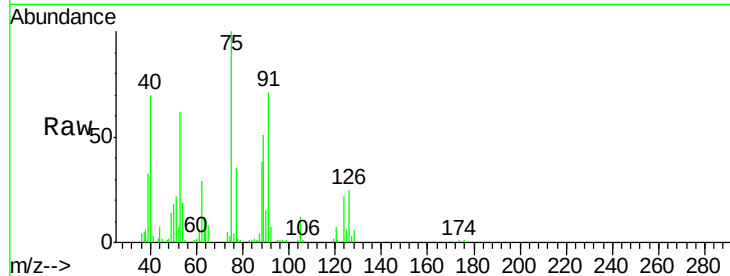
Tot Ion: 75 Resp: 40651

Ion Ratio Lower Upper

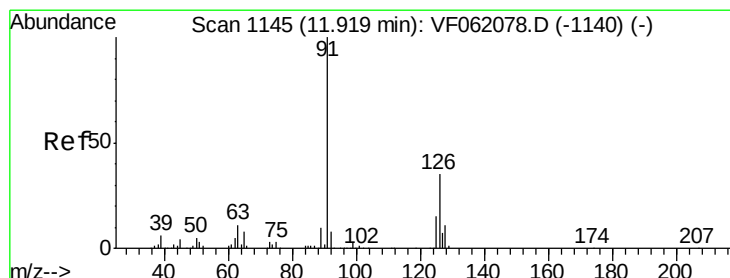
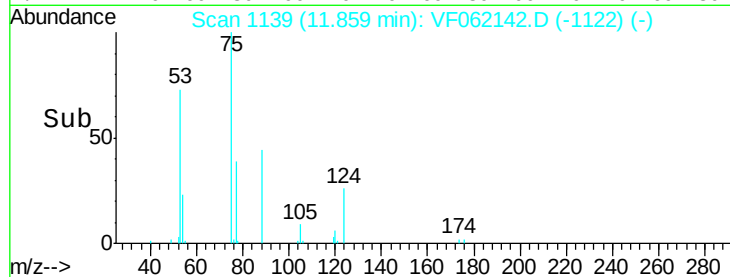
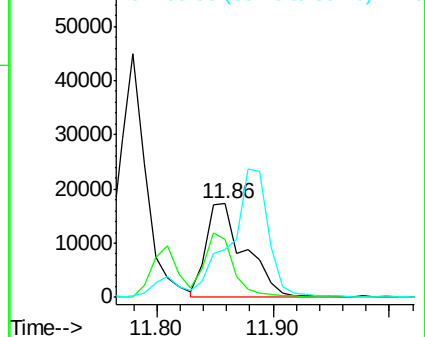
75 100

53 61.5 49.4 74.0

89 50.8 40.6 60.8



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: 48.153 ug/l

RT: 11.88 min Scan# 1141

Delta R.T. -0.04 min

Lab File: VF062142.D

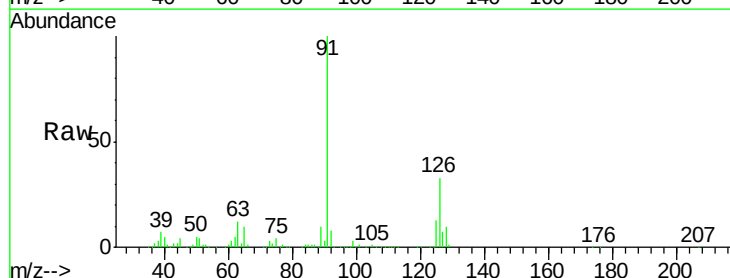
Acq: 26 Mar 2019 13:05

Tgt Ion: 91 Resp: 405127

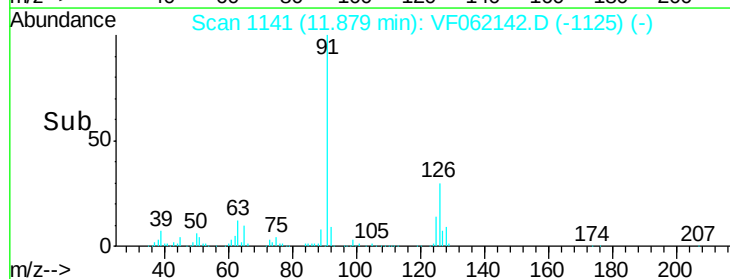
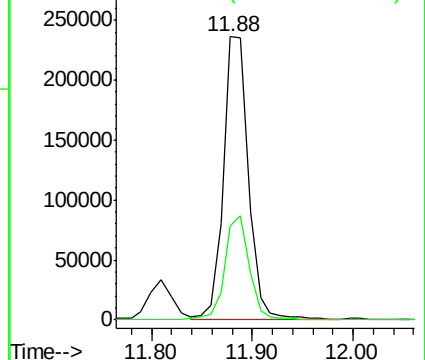
Ion Ratio Lower Upper

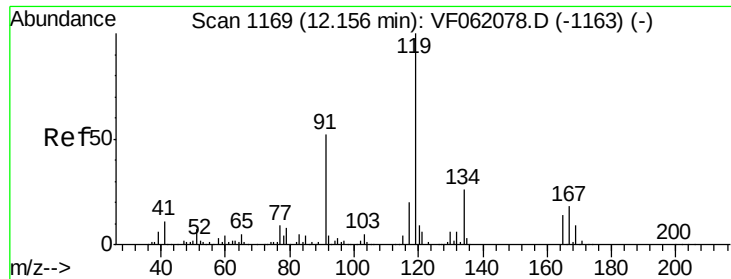
91 100

126 33.2 17.2 51.6



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

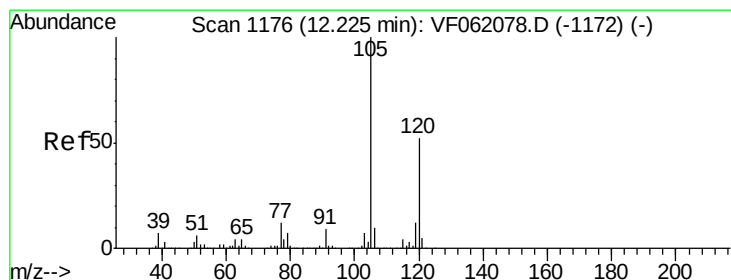
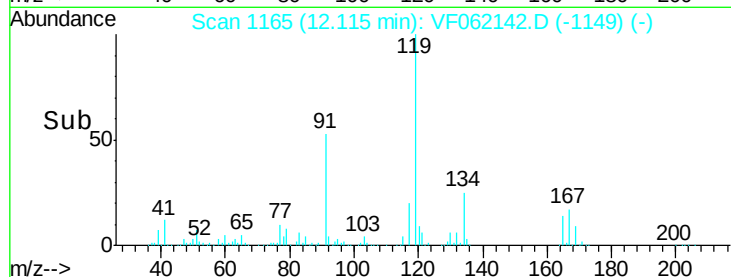
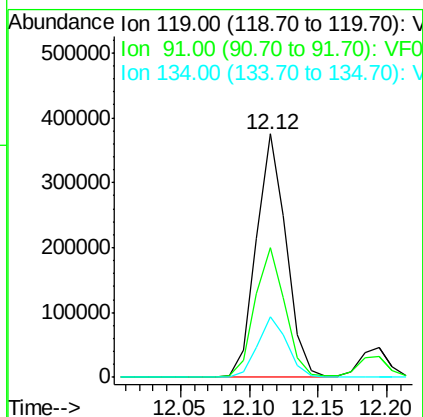
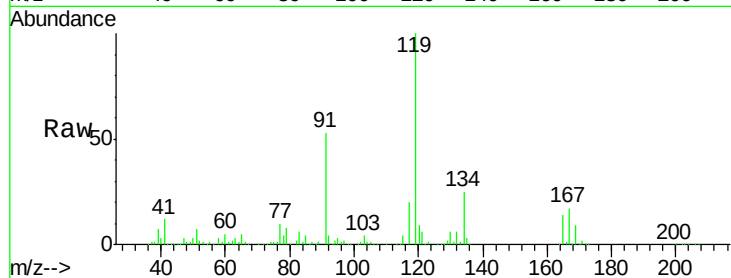




#83
 tert-Butylbenzene
 Concen: 52.138 ug/l
 RT: 12.12 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: VF062142.D
 Acq: 26 Mar 2019 13:05

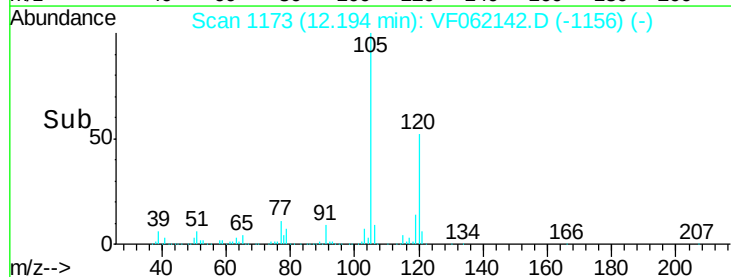
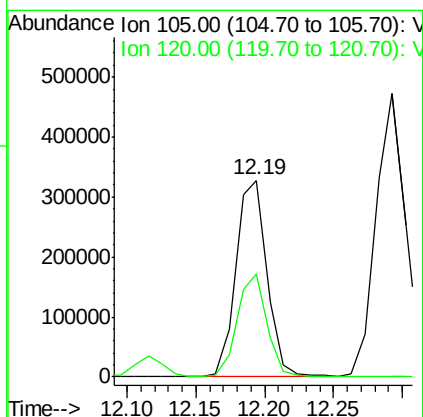
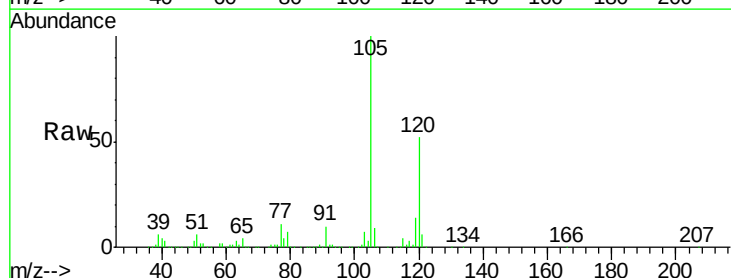
Instrument :
 MSVOA_F
 ClientSampled :

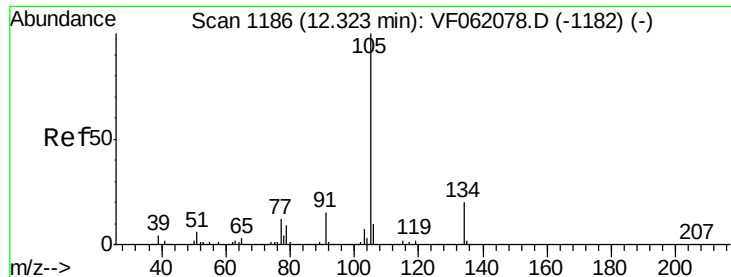
Tot Ion:119 Resp: 570760
 Ion Ratio Lower Upper
 119 100
 91 53.2 26.1 78.2
 134 25.0 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.378 ug/l
 RT: 12.19 min Scan# 1173
 Delta R.T. -0.03 min
 Lab File: VF062142.D
 Acq: 26 Mar 2019 13:05

Tgt Ion:105 Resp: 516459
 Ion Ratio Lower Upper
 105 100
 120 52.2 26.1 78.2





#85

sec-Butylbenzene

Concen: 50.195 ug/l

RT: 12.29 min Scan# 1183

Delta R.T. -0.03 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

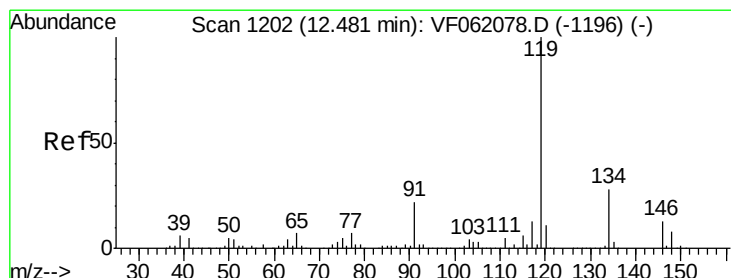
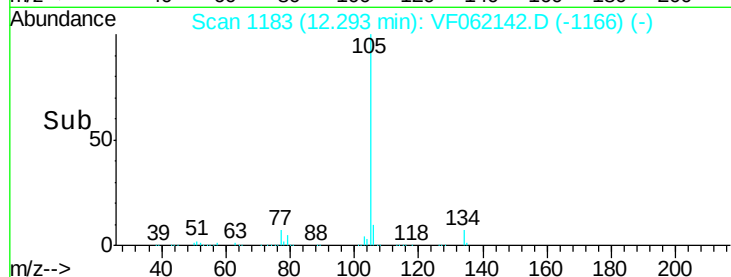
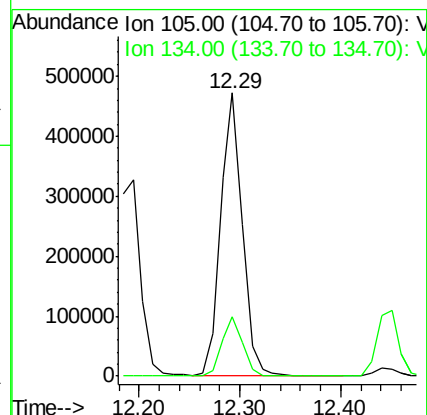
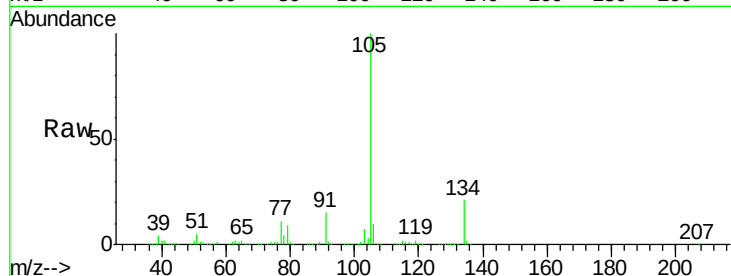
ClientSampleId :

Tot Ion:105 Resp: 710842

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 51.304 ug/l

RT: 12.44 min Scan# 1198

Delta R.T. -0.04 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

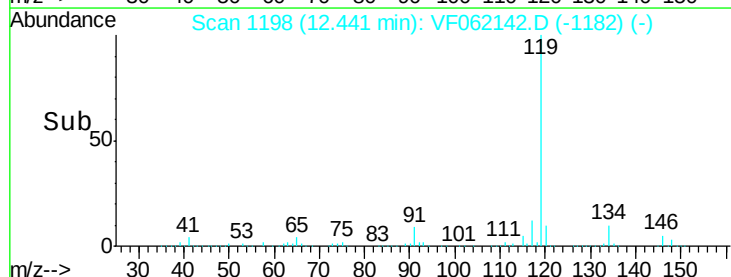
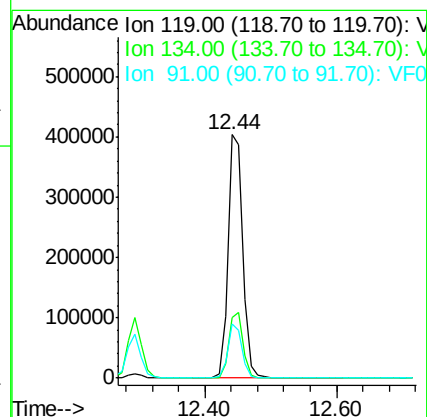
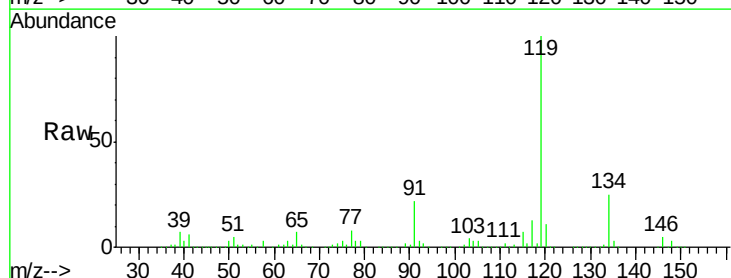
Tgt Ion:119 Resp: 629468

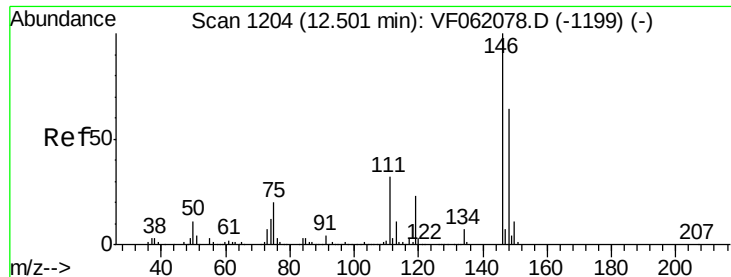
Ion Ratio Lower Upper

119 100

134 25.1 14.0 42.0

91 22.1 10.8 32.4

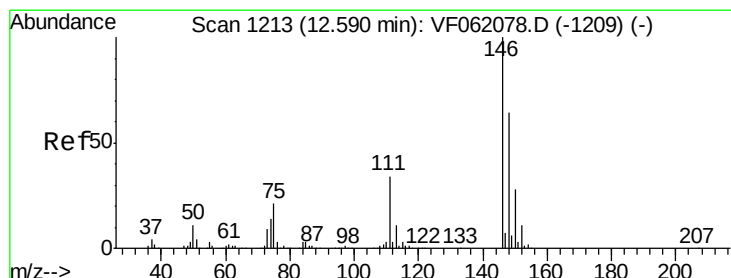
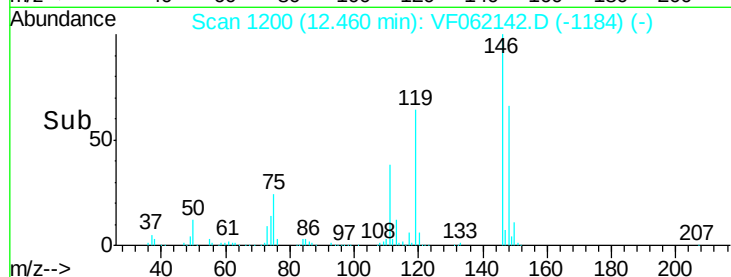
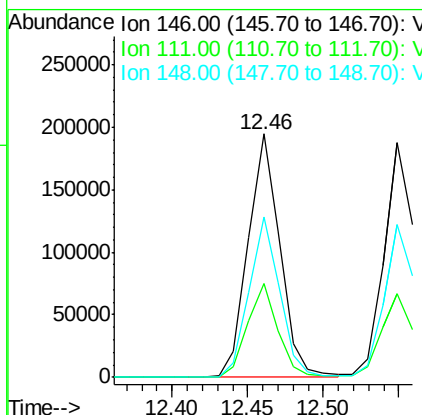
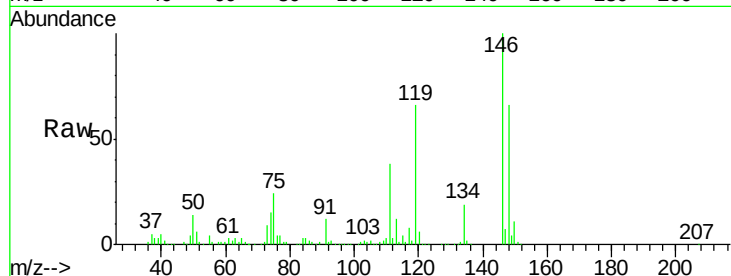




#87
 1,3-Dichlorobenzene
 Concen: 49.544 ug/l
 RT: 12.46 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: VF062142.D
 Acq: 26 Mar 2019 13:05

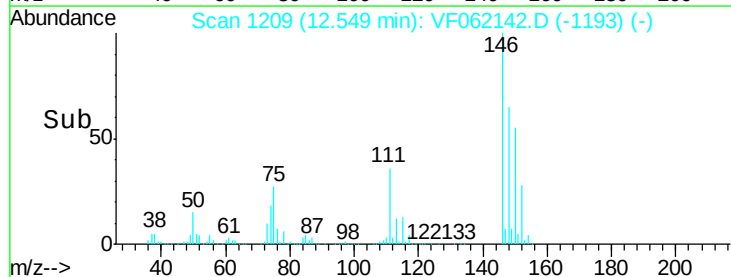
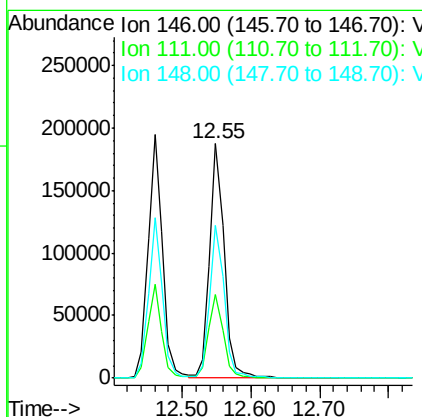
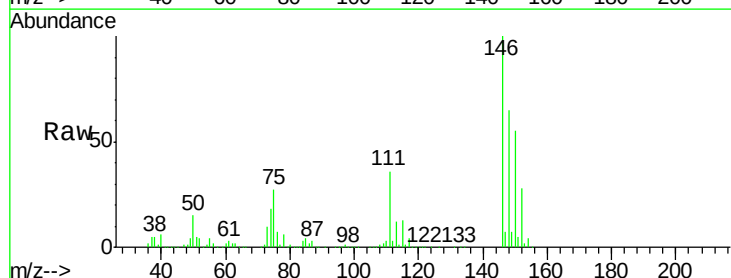
Instrument :
 MSVOA_F
 ClientSampled :

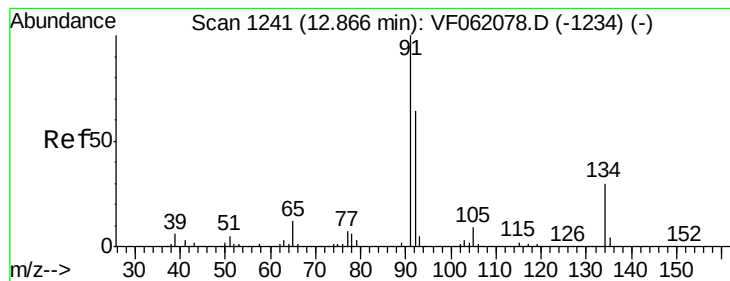
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	16.1	48.3
148	66.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.240 ug/l
 RT: 12.55 min Scan# 1209
 Delta R.T. -0.04 min
 Lab File: VF062142.D
 Acq: 26 Mar 2019 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	16.9	50.6
148	65.0	31.9	95.7





#89

n-Butylbenzene

Concen: 49.631 ug/l

RT: 12.84 min Scan# 1238

Delta R.T. -0.03 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

ClientSampleId :

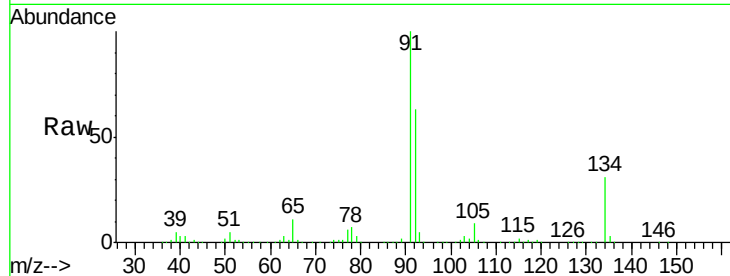
Tot Ion: 91 Resp: 580962

Ion Ratio Lower Upper

91 100

92 62.6 31.9 95.5

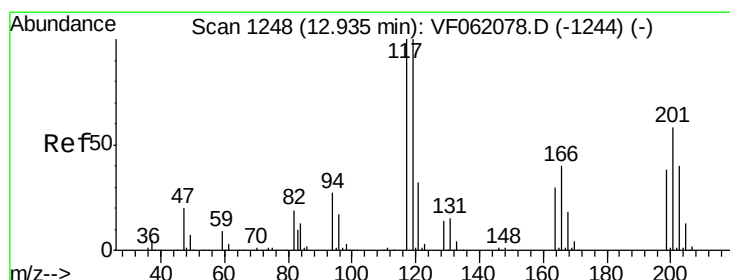
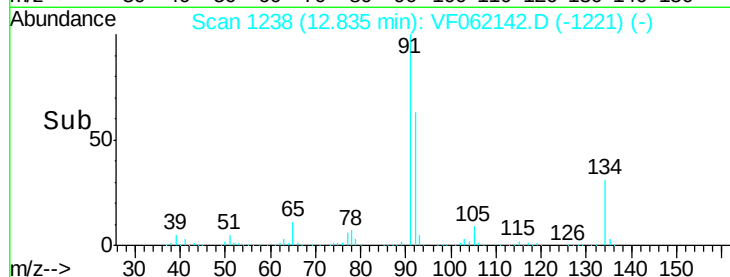
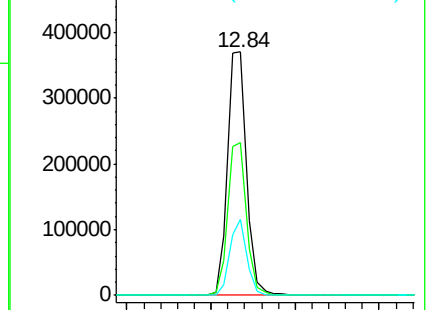
134 31.4 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VF062078.D (-1234) (-)

Ion 92.00 (91.70 to 92.70): VF062078.D (-1234) (-)

Ion 134.00 (133.70 to 134.70): VF062078.D (-1234) (-)



#90

Hexachloroethane

Concen: 52.695 ug/l

RT: 12.90 min Scan# 1245

Delta R.T. -0.03 min

Lab File: VF062142.D

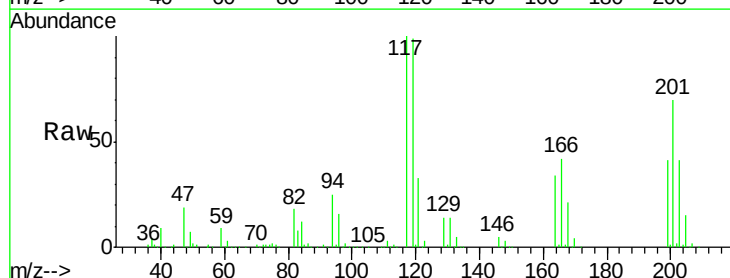
Acq: 26 Mar 2019 13:05

Tgt Ion: 117 Resp: 153947

Ion Ratio Lower Upper

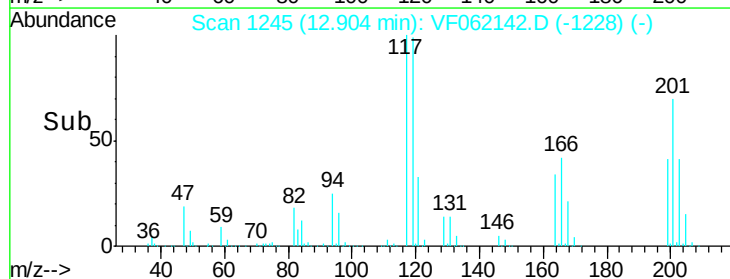
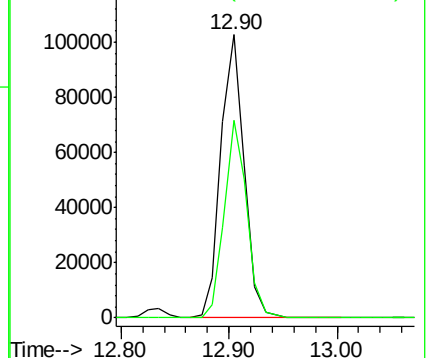
117 100

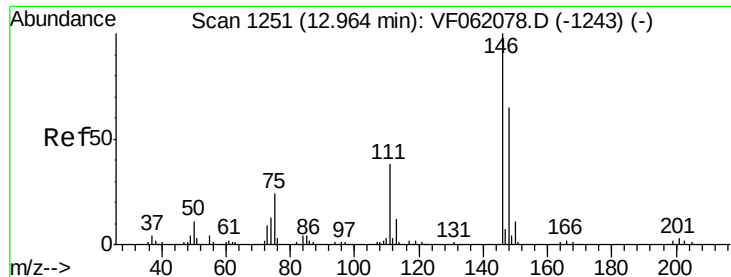
201 69.7 28.7 86.1



Abundance Ion 117.00 (116.70 to 117.70): VF062078.D (-1244) (-)

Ion 201.00 (200.70 to 201.70): VF062078.D (-1244) (-)

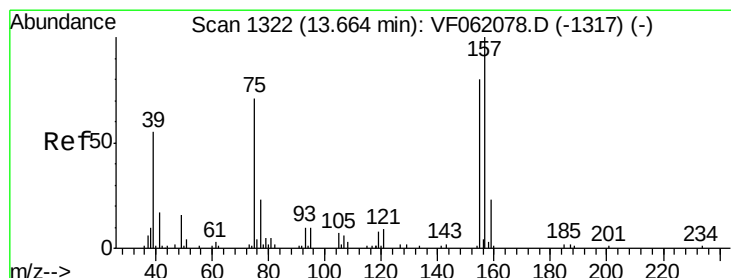
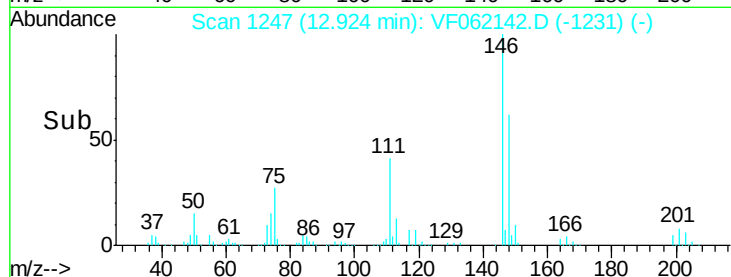
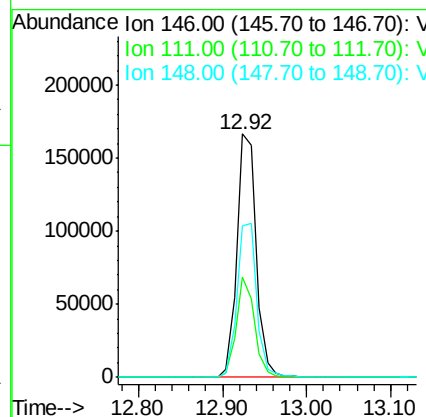
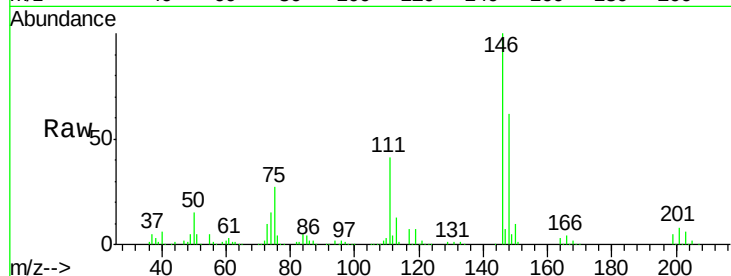




#91
 1,2-Dichlorobenzene
 Concen: 49.113 ug/l
 RT: 12.92 min Scan# 1247
 Delta R.T. -0.04 min
 Lab File: VF062142.D
 Acq: 26 Mar 2019 13:05

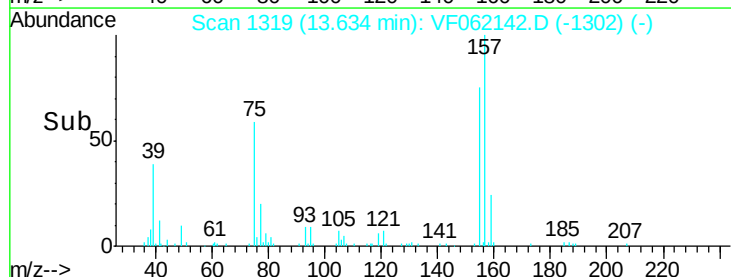
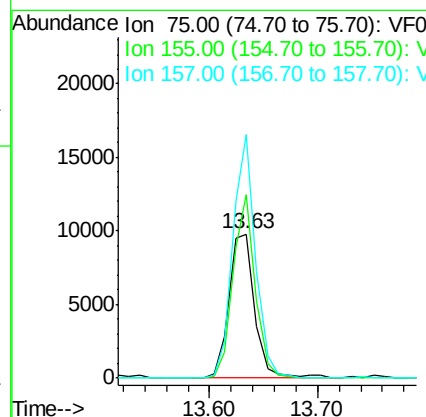
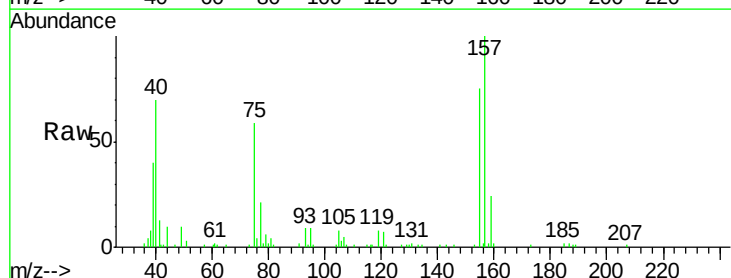
Instrument :
 MSVOA_F
 ClientSampleId :

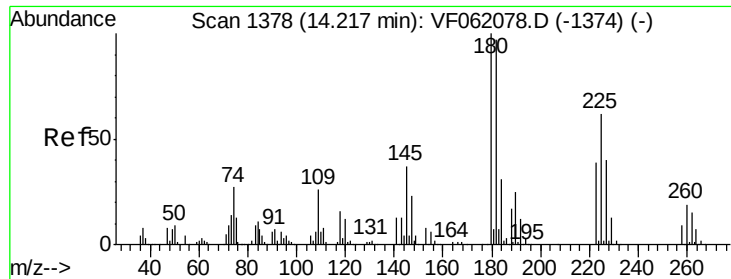
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.1	57.3
148	62.1	32.8	98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.263 ug/l
 RT: 13.63 min Scan# 1319
 Delta R.T. -0.03 min
 Lab File: VF062142.D
 Acq: 26 Mar 2019 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	127.2	56.1	168.4
157	168.7	70.4	211.2

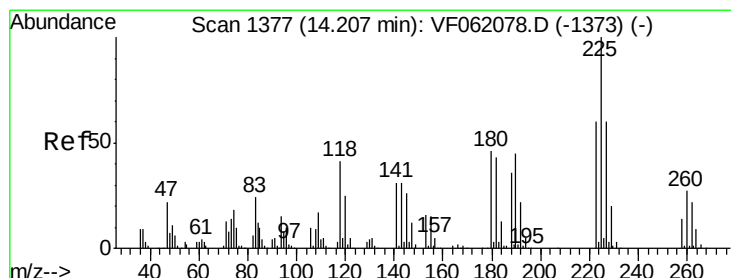
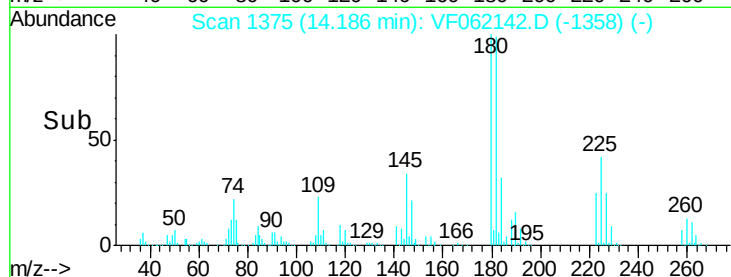
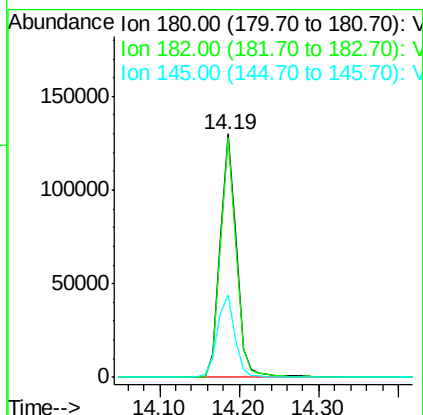
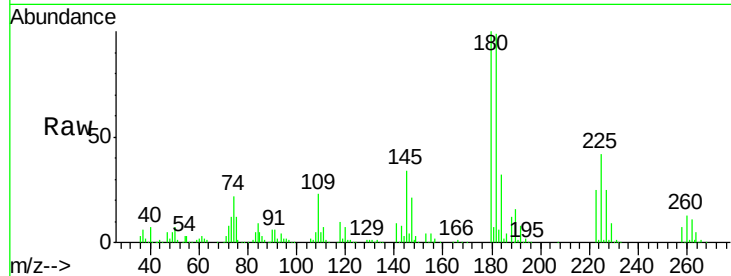




#93
 1,2,4-Trichlorobenzene
 Concen: 50.496 ug/l
 RT: 14.19 min Scan# 1375
 Delta R.T. -0.03 min
 Lab File: VF062142.D
 Acq: 26 Mar 2019 13:05

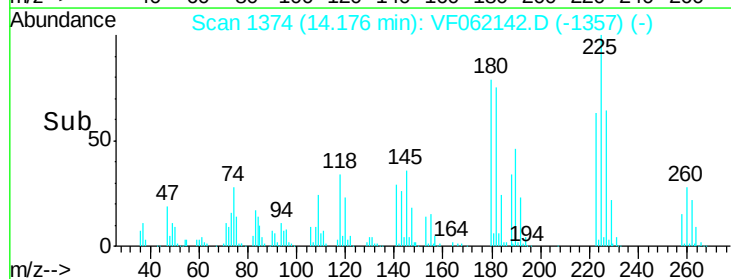
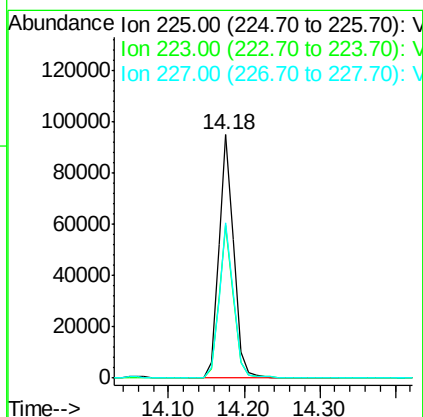
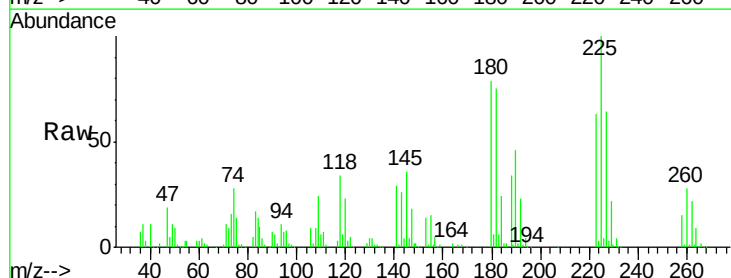
Instrument :
 MSVOA_F
 ClientSampleId :

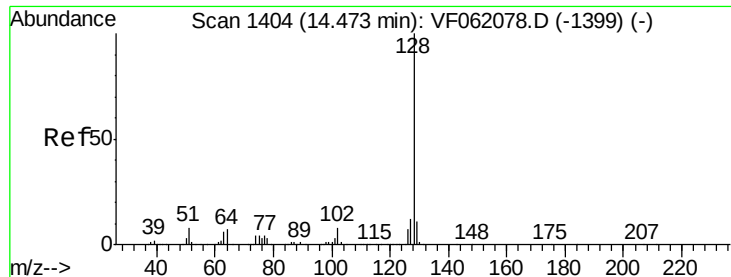
Tot Ion:180 Resp: 190702
 Ion Ratio Lower Upper
 180 100
 182 98.7 48.7 146.1
 145 33.8 18.3 54.8



#94
 Hexachlorobutadiene
 Concen: 52.565 ug/l
 RT: 14.18 min Scan# 1374
 Delta R.T. -0.03 min
 Lab File: VF062142.D
 Acq: 26 Mar 2019 13:05

Tgt Ion:225 Resp: 131994
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.0 90.0
 227 64.0 30.2 90.6





#95

Naphthalene

Concen: 49.624 ug/l

RT: 14.44 min Scan# 1401

Delta R.T. -0.03 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

Instrument :

MSVOA_F

ClientSampleId :

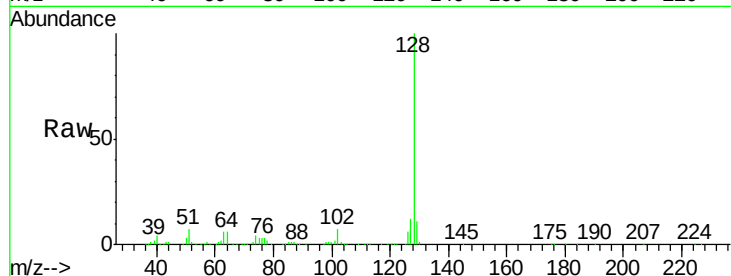
Tot Ion:128 Resp: 328419

Ion Ratio Lower Upper

128 100

127 11.8 9.5 14.3

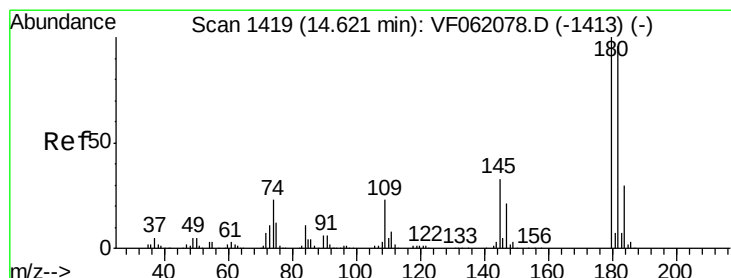
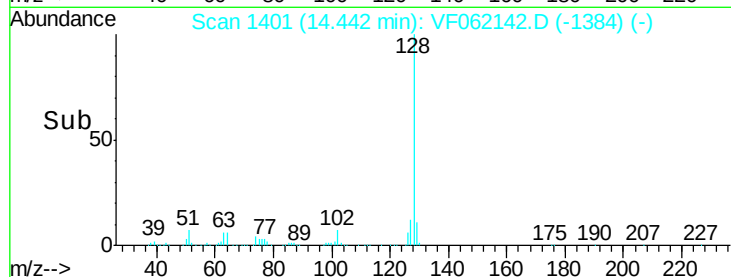
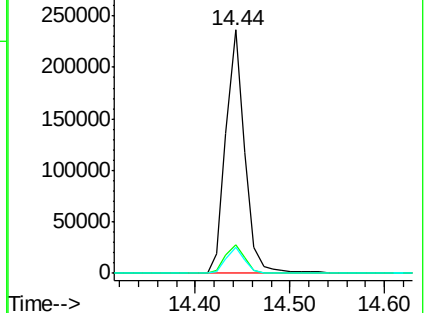
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.499 ug/l

RT: 14.59 min Scan# 1416

Delta R.T. -0.03 min

Lab File: VF062142.D

Acq: 26 Mar 2019 13:05

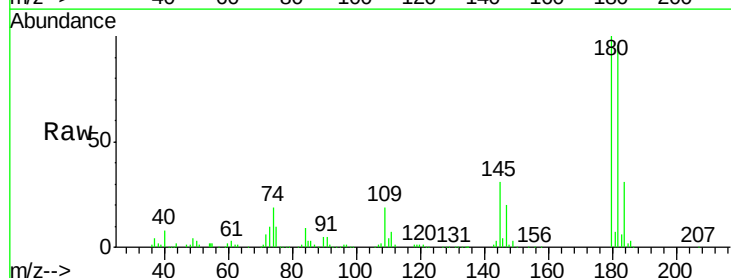
Tgt Ion:180 Resp: 178518

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.7

145 31.3 16.6 49.7



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

