

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051119\
 Data File : VF062452.D
 Acq On : 11 May 2019 10:42
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: May 12 03:38:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	352422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	450501	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	410972	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	242849	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.04	65	175145	52.59	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.18%	
35) Dibromofluoromethane	4.31	113	192190	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
50) Toluene-d8	7.71	98	476003	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
62) 4-Bromofluorobenzene	11.50	95	210511	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.01	85	180496	44.253	ug/l	94
3) Chloromethane	1.15	50	115831	43.059	ug/l	92
4) Vinyl Chloride	1.19	62	119486	44.532	ug/l	95
5) Bromomethane	1.38	94	102865	50.850	ug/l	97
6) Chloroethane	1.44	64	64939	48.139	ug/l	100
7) Trichlorofluoromethane	1.55	101	297717	53.478	ug/l	98
8) Diethyl Ether	1.71	74	41358	49.098	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	1.91	101	163607	51.476	ug/l	99
10) Methyl Iodide	1.99	142	272370	52.002	ug/l	100
11) Tert butyl alcohol	2.69	59	43397	230.550	ug/l	98
12) 1,1-Dichloroethene	1.87	96	127194	47.074	ug/l	93
13) Acrolein	2.10	56	35480	310.008	ug/l #	82
14) Allyl chloride	2.20	41	200206	83.880	ug/l	97
15) Acrylonitrile	3.09	53	92142	258.419	ug/l	96
16) Acetone	2.35	43	224038	332.528	ug/l	94
17) Carbon Disulfide	1.91	76	265857	45.125	ug/l	97
18) Methyl Acetate	2.47	43	59867	48.639	ug/l	97
19) Methyl tert-butyl Ether	2.55	73	283414	50.813	ug/l	99
20) Methylene Chloride	2.34	84	57484	23.582	ug/l	97
21) trans-1,2-Dichloroethene	2.43	96	123879	48.121	ug/l	93
22) Diisopropyl ether	2.94	45	385182	51.635	ug/l	99
23) Vinyl Acetate	3.36	43	820929	246.914	ug/l	98
24) 1,1-Dichloroethane	3.02	63	242571	53.803	ug/l	99
25) 2-Butanone	4.53	43	219505	259.327	ug/l	99
26) 2,2-Dichloropropane	3.78	77	162861	64.685	ug/l	97
27) cis-1,2-Dichloroethene	3.65	96	165557	51.448	ug/l	97
28) Bromochloromethane	3.91	49	105354	51.525	ug/l	98
29) Tetrahydrofuran	4.27	42	84907	218.258	ug/l	99
30) Chloroform	4.06	83	326304	53.571	ug/l	98
31) Cyclohexane	3.89	56	169288	47.042	ug/l	93
32) 1,1,1-Trichloroethane	4.30	97	283605	54.327	ug/l	98
36) 1,1-Dichloropropene	4.48	75	205560	53.117	ug/l	99
37) Ethyl Acetate	4.30	43	84014	56.427	ug/l #	94
38) Carbon Tetrachloride	4.19	117	304957	77.501	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051119\
 Data File : VF062452.D
 Acq On : 11 May 2019 10:42
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: May 12 03:38:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	203574	52.451	ug/l	96
40) Benzene	4.83	78	451946	53.033	ug/l	93
41) Methacrylonitrile	4.94	41	46749	50.379	ug/l	96
42) 1,2-Dichloroethane	5.14	62	200960	56.383	ug/l	100
43) Isopropyl Acetate	7.12	43	89324	50.745	ug/l #	99
44) Trichloroethene	5.69	130	169854	54.258	ug/l	98
45) 1,2-Dichloropropane	6.42	63	105239	54.521	ug/l	98
46) Dibromomethane	6.26	93	89494	55.920	ug/l	95
47) Bromodichloromethane	6.56	83	226395	56.581	ug/l	97
48) Methyl methacrylate	6.88	41	66390	53.370	ug/l	95
49) 1,4-Dioxane	6.87	88	13115	1025.439	ug/l	98
51) 4-Methyl-2-Pentanone	8.40	43	381454	285.986	ug/l	98
52) Toluene	7.78	92	296404	56.380	ug/l	97
53) t-1,3-Dichloropropene	8.43	75	176668	58.378	ug/l	98
54) cis-1,3-Dichloropropene	7.47	75	209616	59.515	ug/l	99
55) 1,1,2-Trichloroethane	8.64	97	94936	56.885	ug/l	91
56) Ethyl methacrylate	8.76	69	86944	49.352	ug/l	97
57) 1,3-Dichloropropane	9.00	76	142245	56.426	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.46	63	113197	213.721	ug/l	99
59) 2-Hexanone	9.62	43	266242	288.618	ug/l	98
60) Dibromochloromethane	8.87	129	157990	57.881	ug/l	100
61) 1,2-Dibromoethane	9.13	107	106957	54.528	ug/l	97
64) Tetrachloroethene	8.31	164	163781	49.089	ug/l	99
65) Chlorobenzene	9.94	112	369822	54.387	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.07	131	173314	50.525	ug/l	98
67) Ethyl Benzene	10.04	91	625879	52.564	ug/l	99
68) m/p-Xylenes	10.27	106	443956	101.054	ug/l	98
69) o-Xylene	10.82	106	256222	53.973	ug/l	97
70) Styrene	10.90	104	357103	50.192	ug/l	100
71) Bromoform	10.89	173	94961	50.530	ug/l #	97
73) Isopropylbenzene	11.22	105	759444	52.750	ug/l	100
74) N-amyl acetate	11.45	43	151406	48.985	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.77	83	117044	51.922	ug/l	98
76) 1,2,3-Trichloropropane	11.87	75	92626	53.858	ug/l #	100
77) Bromobenzene	11.59	156	199674	52.845	ug/l	99
78) n-propylbenzene	11.67	91	797548	52.033	ug/l	99
79) 2-Chlorotoluene	11.80	91	502297	52.701	ug/l	100
80) 1,3,5-Trimethylbenzene	11.90	105	672634	53.304	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.94	75	46777	72.359	ug/l #	67
82) 4-Chlorotoluene	11.98	91	489590	52.009	ug/l	99
83) tert-Butylbenzene	12.20	119	692396	52.210	ug/l	98
84) 1,2,4-Trimethylbenzene	12.28	105	642667	52.042	ug/l	98
85) sec-Butylbenzene	12.37	105	862951	53.460	ug/l	99
86) p-Isopropyltoluene	12.52	119	768240	51.225	ug/l	99
87) 1,3-Dichlorobenzene	12.54	146	348170	50.454	ug/l	98
88) 1,4-Dichlorobenzene	12.63	146	351060	52.709	ug/l	99
89) n-Butylbenzene	12.90	91	694739	52.068	ug/l	99
90) Hexachloroethane	12.98	117	188871	50.437	ug/l	95
91) 1,2-Dichlorobenzene	13.00	146	345706	51.758	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.69	75	24279	48.076	ug/l	97

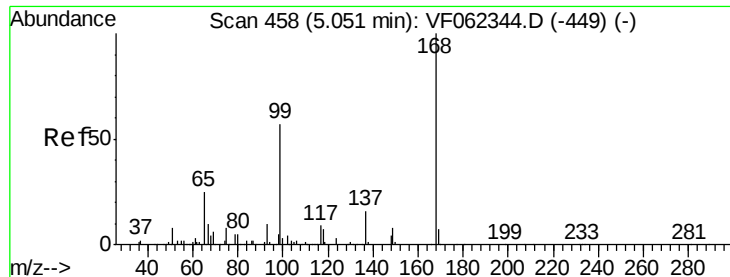
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051119\
Data File : VF062452.D
Acq On : 11 May 2019 10:42
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: May 12 03:38:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	316651	52.854	ug/l	97
94) Hexachlorobutadiene	14.23	225	232103	51.979	ug/l	98
95) Naphthalene	14.49	128	475588	52.802	ug/l	100
96) 1,2,3-Trichlorobenzene	14.64	180	307240	52.935	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :

MSVOA_F

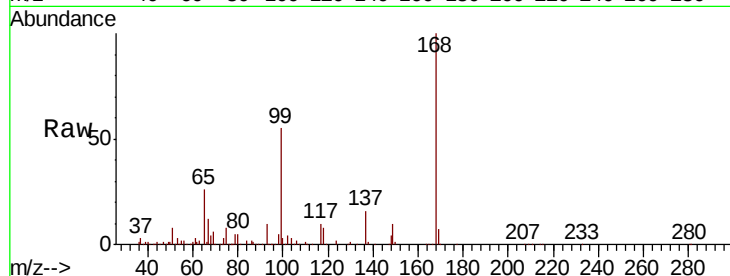
ClientSampleId :

Tot Ion:168 Resp: 352422

Ion Ratio Lower Upper

168 100

99 55.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

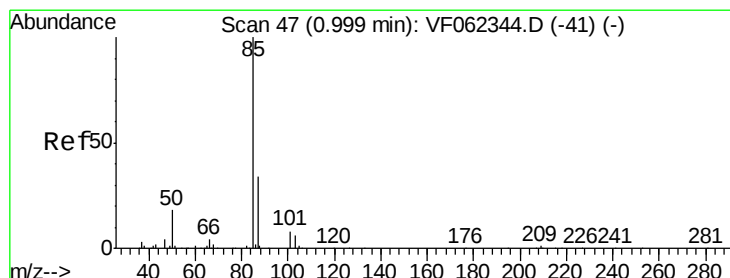
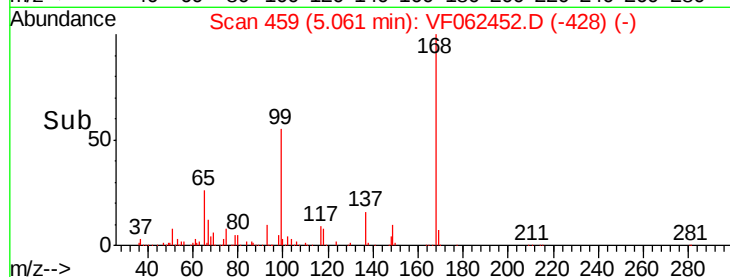
5.06

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.253 ug/l

RT: 1.01 min Scan# 48

Delta R.T. 0.01 min

Lab File: VF062452.D

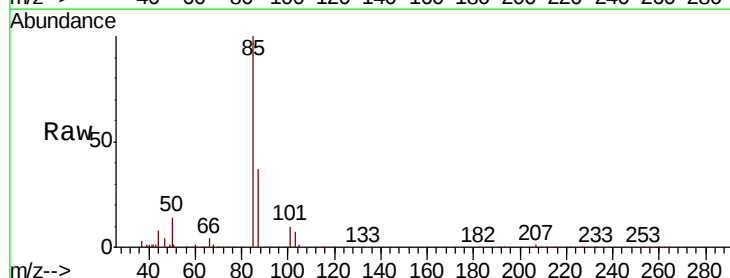
Acq: 11 May 2019 10:42

Tgt Ion: 85 Resp: 180496

Ion Ratio Lower Upper

85 100

87 37.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

1.01

60000

50000

40000

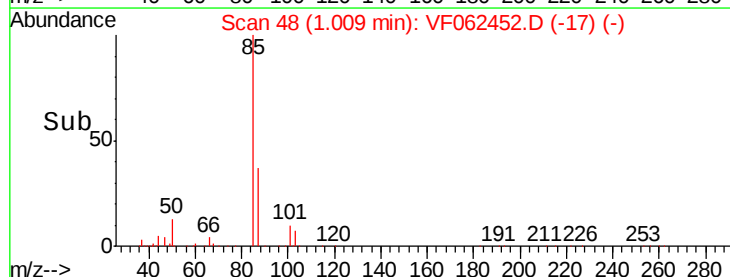
30000

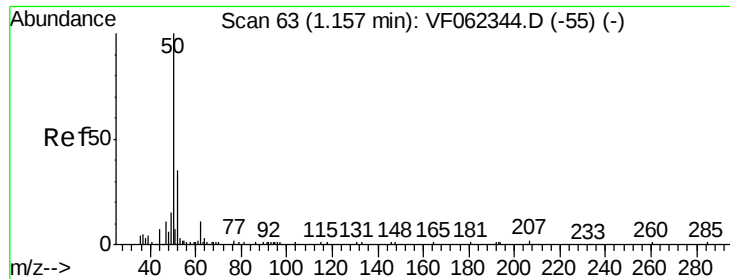
20000

10000

0

Time-->





#3

Chloromethane

Concen: 43.059 ug/l

RT: 1.15 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

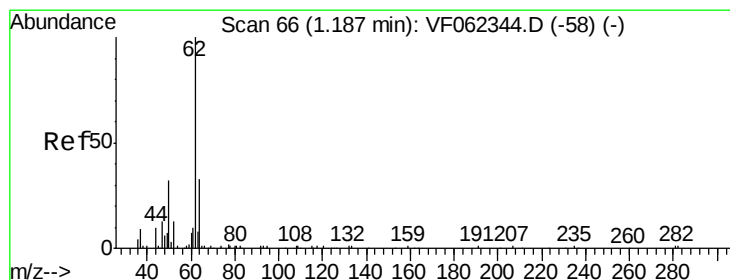
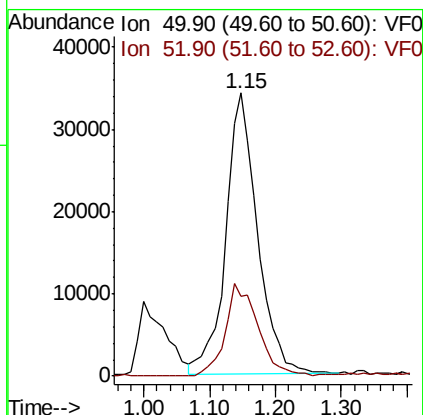
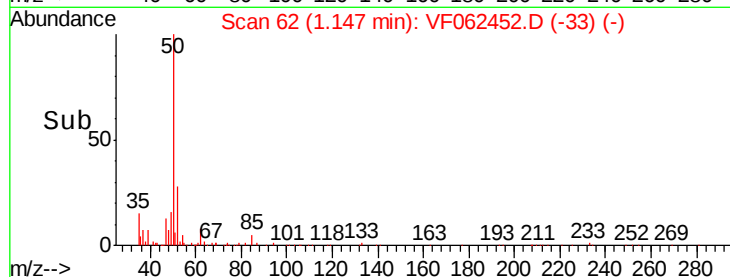
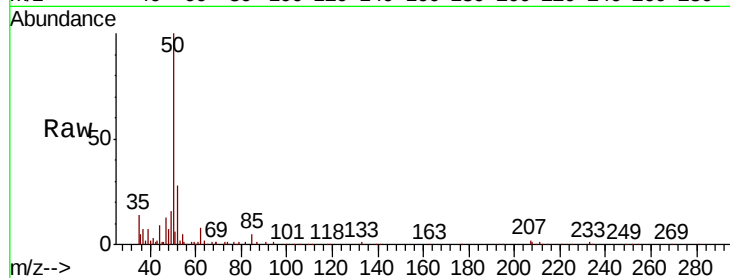
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 50 Resp: 115831

Ion Ratio Lower Upper

50 100

52 28.0 26.1 39.1



#4

Vinyl Chloride

Concen: 44.532 ug/l

RT: 1.19 min Scan# 66

Delta R.T. 0.00 min

Lab File: VF062452.D

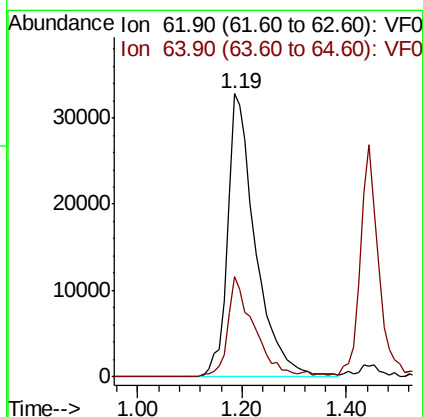
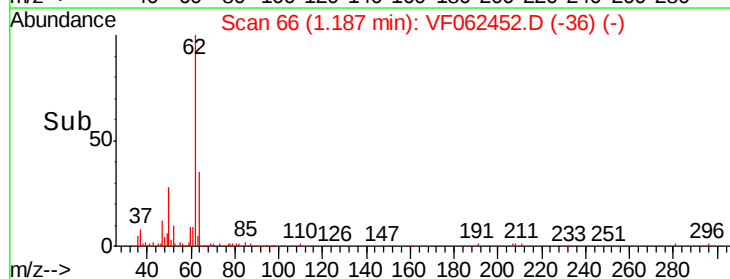
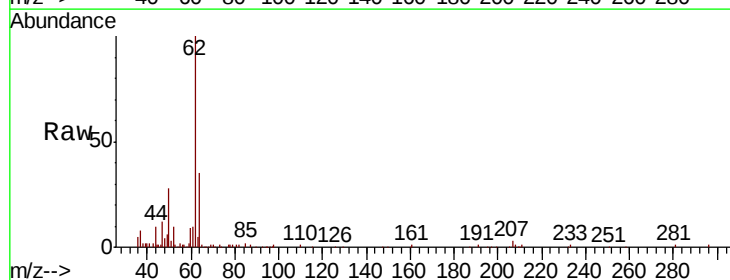
Acq: 11 May 2019 10:42

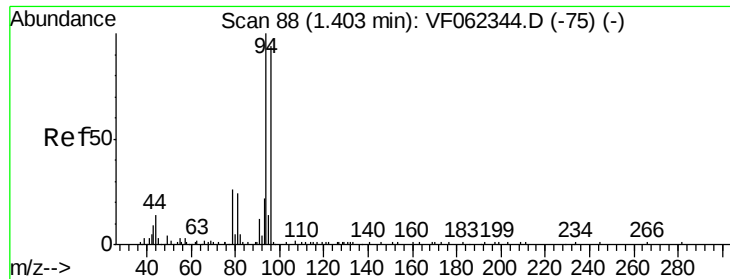
Tgt Ion: 62 Resp: 119486

Ion Ratio Lower Upper

62 100

64 35.4 26.1 39.1





#5

Bromomethane

Concen: 50.850 ug/l

RT: 1.38 min Scan# 86

Delta R.T. -0.02 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :

MSVOA_F

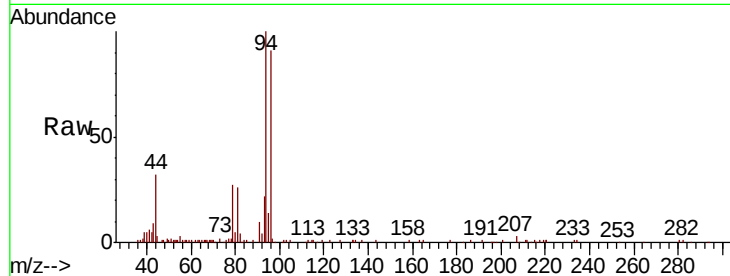
ClientSampleId :

Tot Ion: 94 Resp: 102865

Ion Ratio Lower Upper

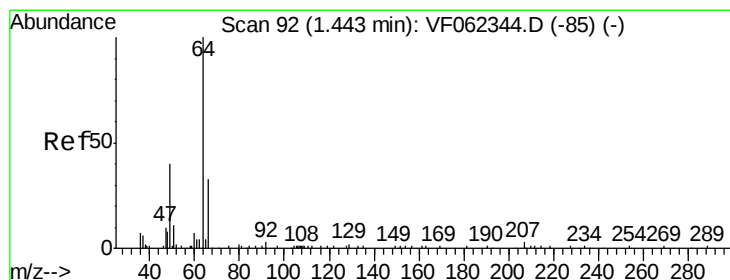
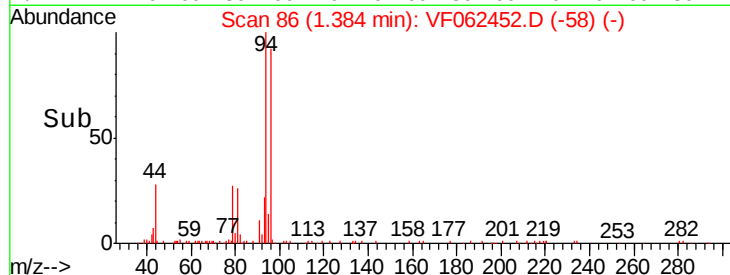
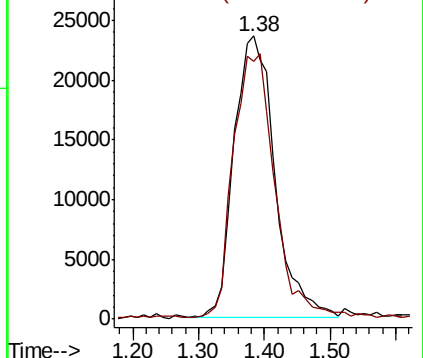
94 100

96 91.6 75.4 113.2



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0



#6

Chloroethane

Concen: 48.139 ug/l

RT: 1.44 min Scan# 92

Delta R.T. 0.00 min

Lab File: VF062452.D

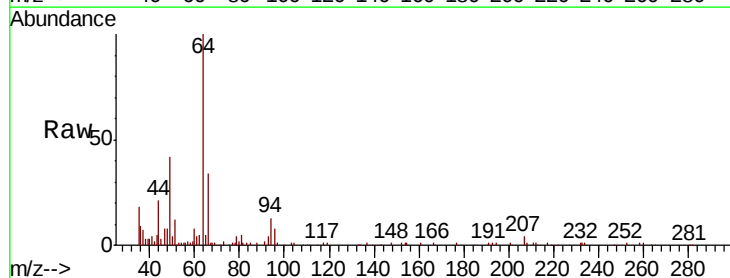
Acq: 11 May 2019 10:42

Tgt Ion: 64 Resp: 64939

Ion Ratio Lower Upper

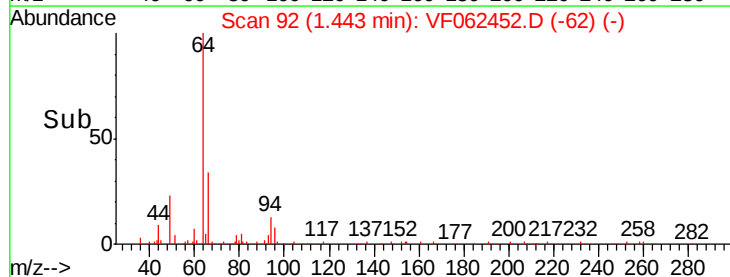
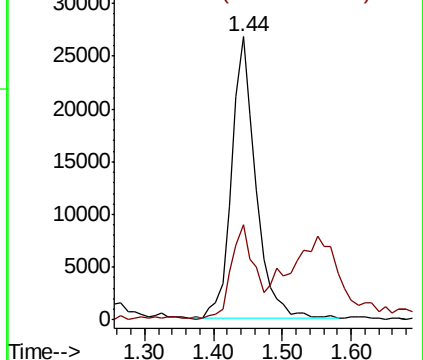
64 100

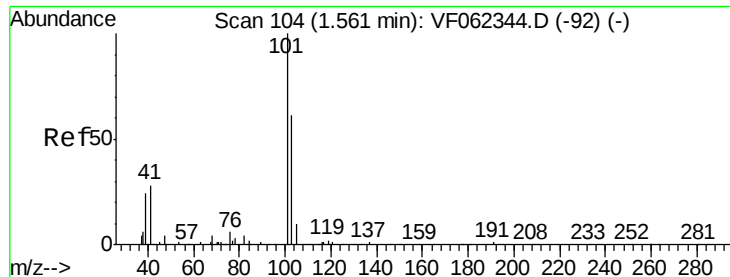
66 33.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0



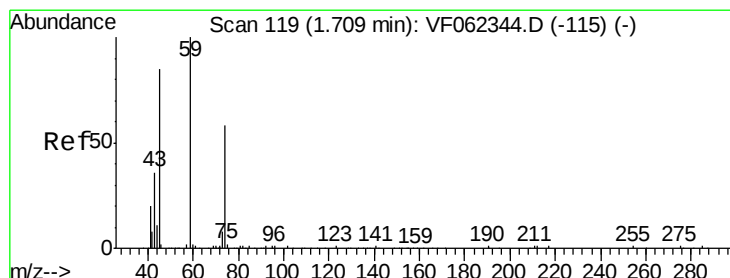
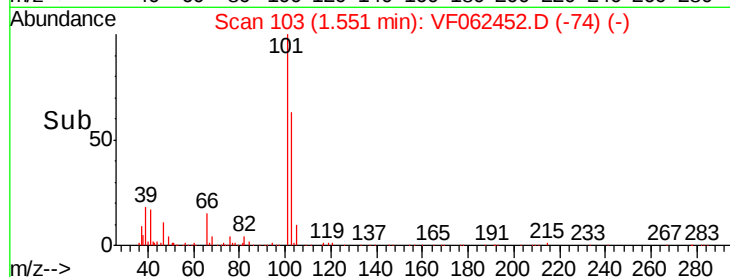
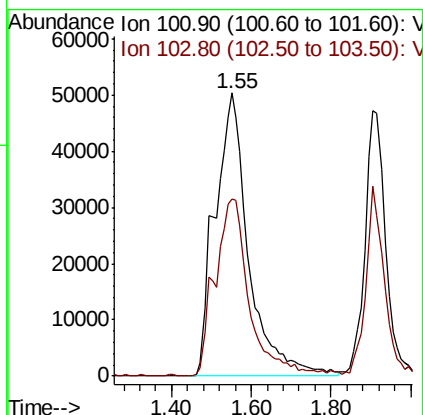
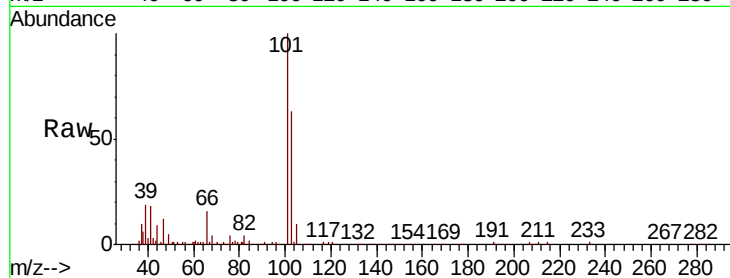


#7

Trichlorofluoromethane
 Concen: 53.478 ug/l
 RT: 1.55 min Scan# 103
 Delta R.T. -0.01 min
 Lab File: VF062452.D
 Acq: 11 May 2019 10:42

Instrument :
 MSVOA_F
 ClientSampleId :

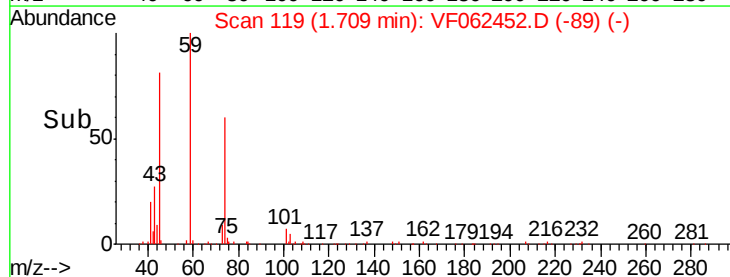
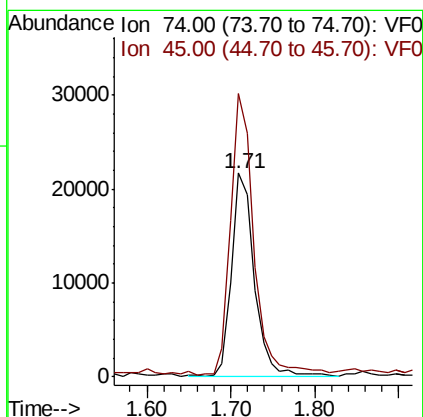
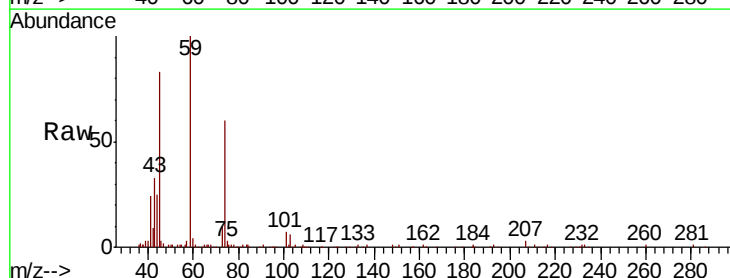
Tot Ion:101 Resp: 297717
 Ion Ratio Lower Upper
 101 100
 103 62.4 48.5 72.7

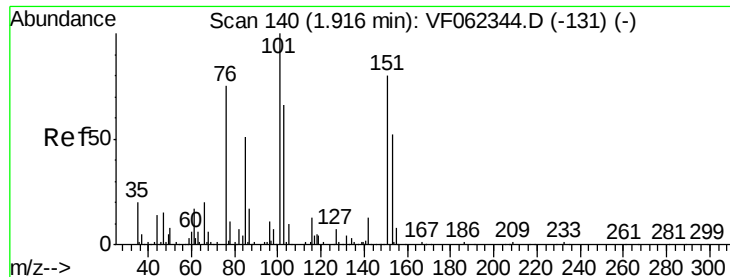


#8

Diethyl Ether
 Concen: 49.098 ug/l
 RT: 1.71 min Scan# 119
 Delta R.T. 0.00 min
 Lab File: VF062452.D
 Acq: 11 May 2019 10:42

Tgt Ion: 74 Resp: 41358
 Ion Ratio Lower Upper
 74 100
 45 139.4 73.9 221.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.476 ug/l

RT: 1.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: VF062452.D

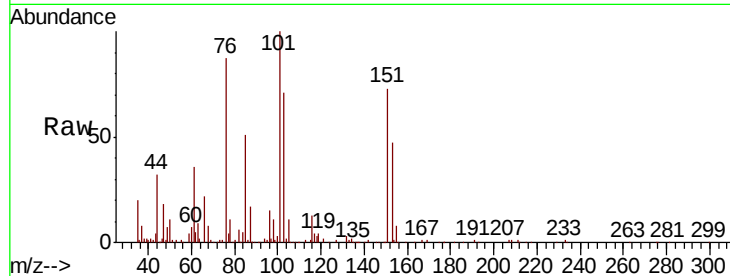
Acq: 11 May 2019 10:42

Instrument :

MSVOA_F

ClientSampleId :

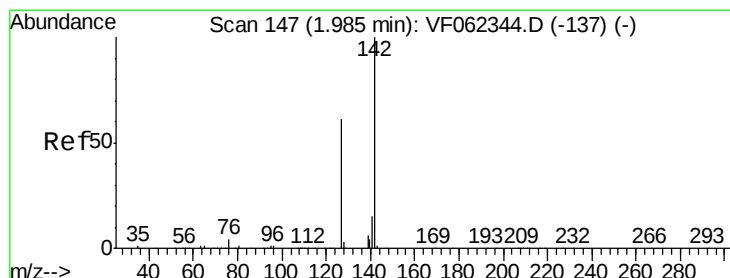
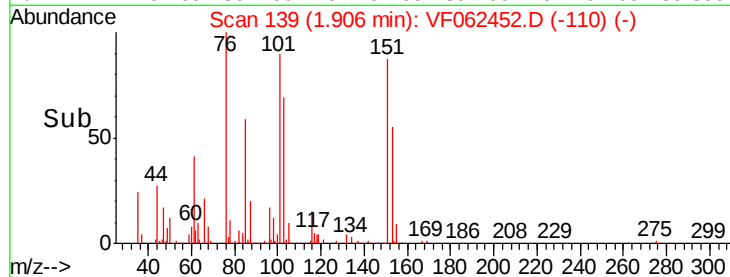
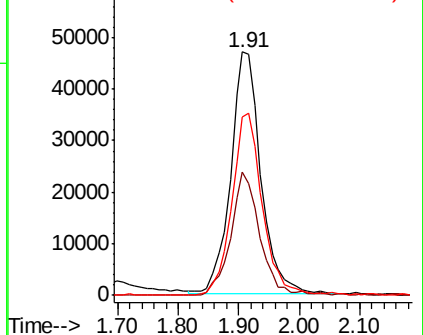
Tot Ion:	101	Resp:	163607
Ion	Ratio	Lower	Upper
101	100		
85	48.6	39.5	59.3
151	75.4	59.9	89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VF0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.002 ug/l

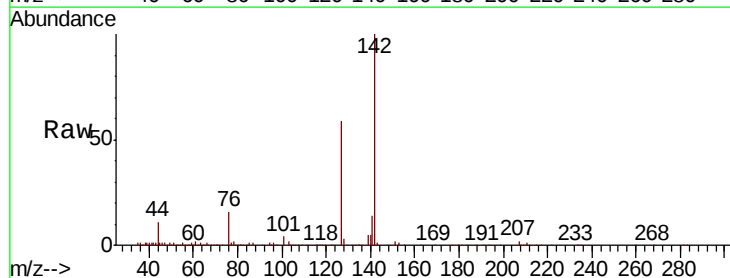
RT: 1.99 min Scan# 147

Delta R.T. 0.00 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

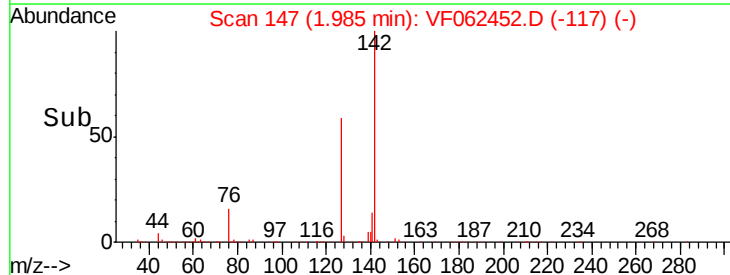
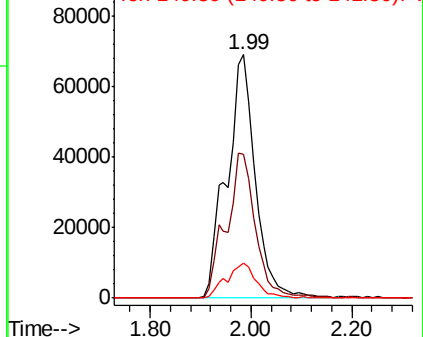
Tgt Ion:	142	Resp:	272370
Ion	Ratio	Lower	Upper
142	100		
127	60.8	48.4	72.6
141	15.0	12.2	18.4

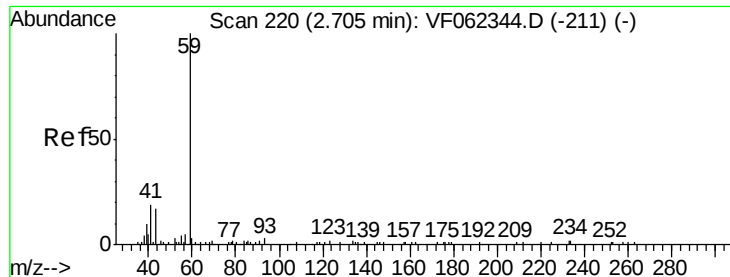


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



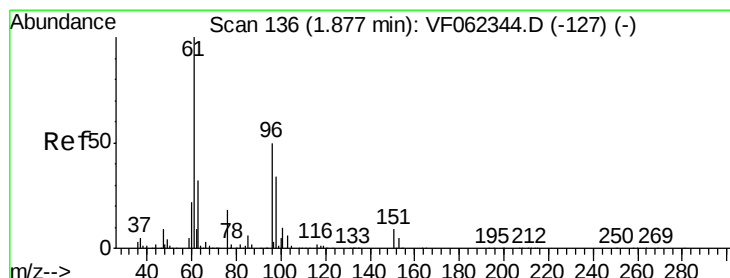
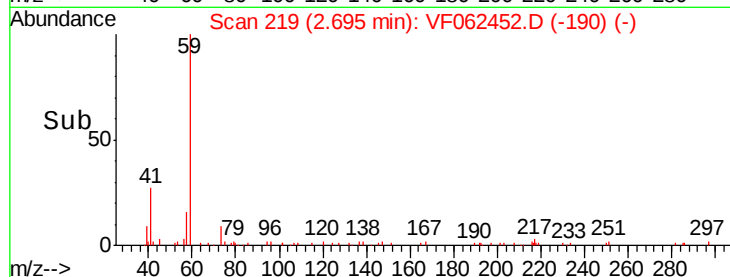
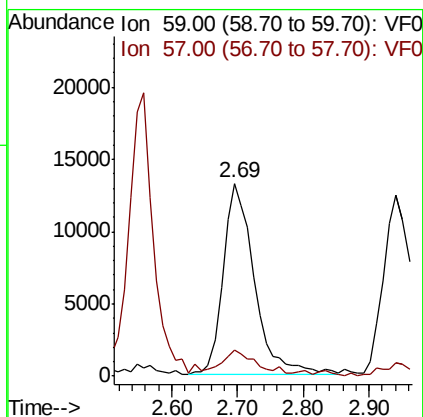
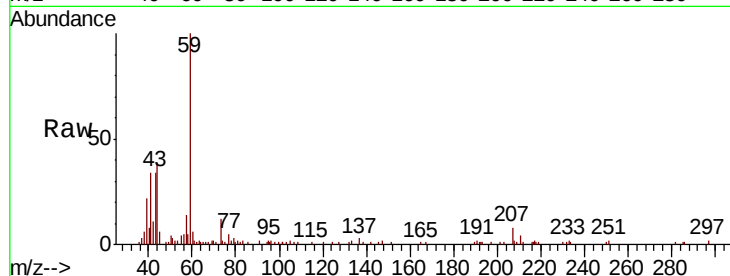


#11

Tert butyl alcohol
Concen: 230.550 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.01 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

Instrument :
MSVOA_F
ClientSampled :

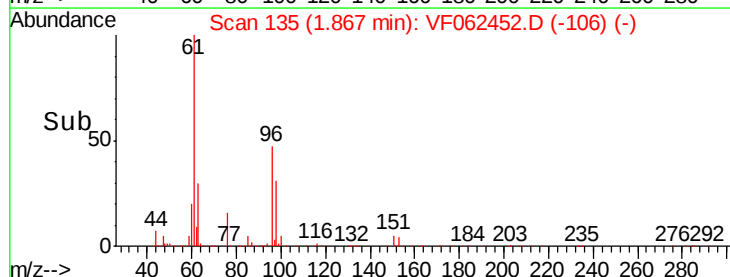
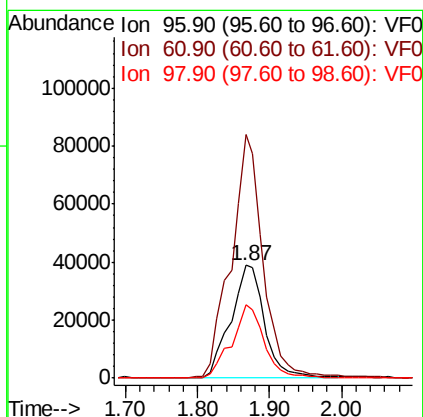
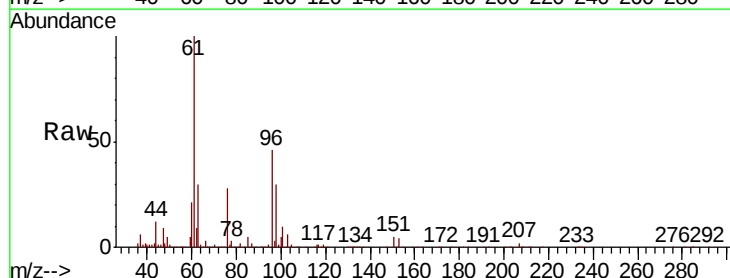
Tot Ion: 59 Resp: 43397
Ion Ratio Lower Upper
59 100
57 12.5 9.3 13.9

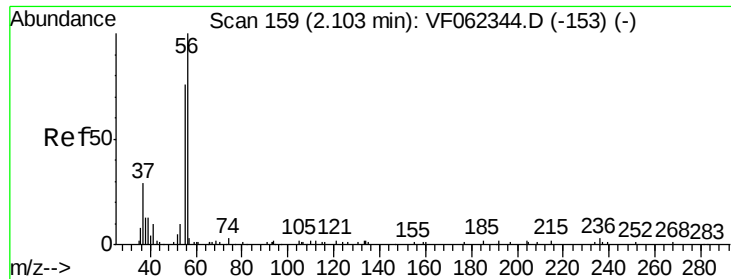


#12

1,1-Dichloroethene
Concen: 47.074 ug/l
RT: 1.87 min Scan# 135
Delta R.T. -0.01 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

Tgt Ion: 96 Resp: 127194
Ion Ratio Lower Upper
96 100
61 216.5 163.2 244.8
98 65.3 55.2 82.8





#13

Acrolein

Concen: 310.008 ug/l

RT: 2.10 min Scan# 159

Delta R.T. 0.00 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :

MSVOA_F

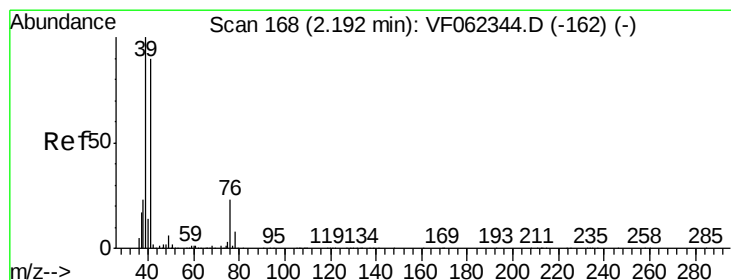
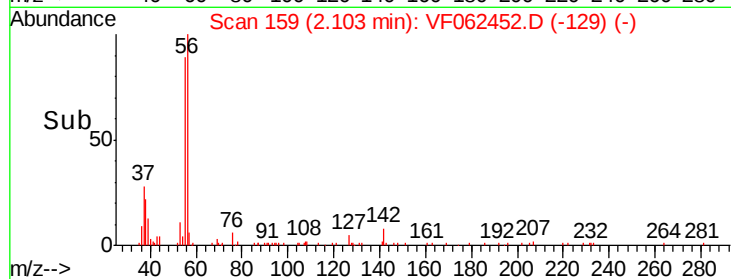
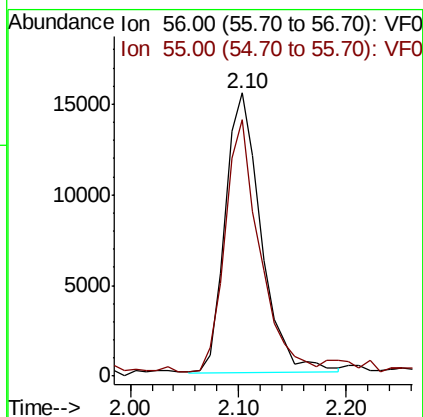
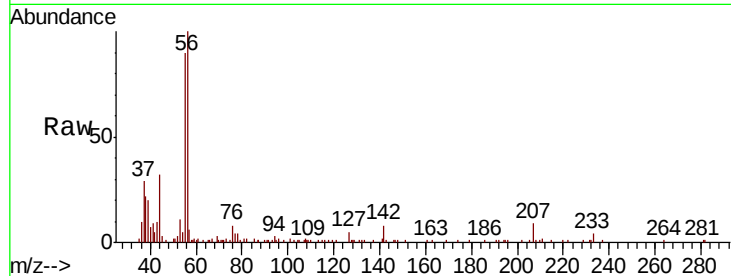
ClientSampleId :

Tot Ion: 56 Resp: 35480

Ion Ratio Lower Upper

56 100

55 87.7 58.4 87.6#



#14

Allyl chloride

Concen: 83.880 ug/l

RT: 2.20 min Scan# 169

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

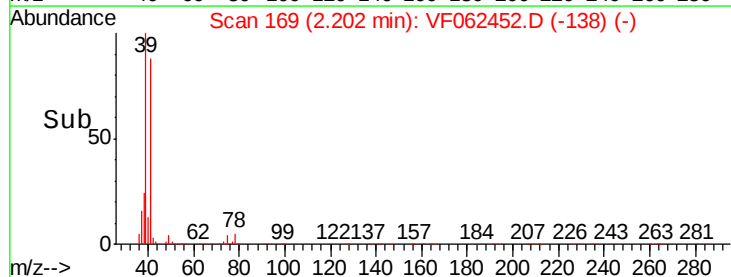
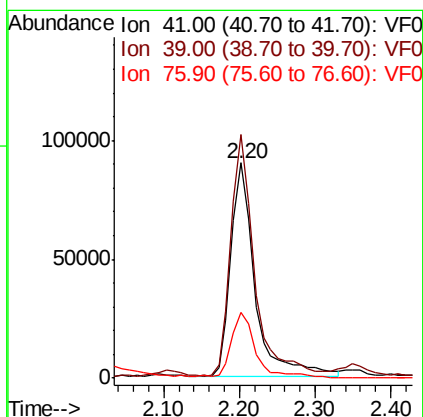
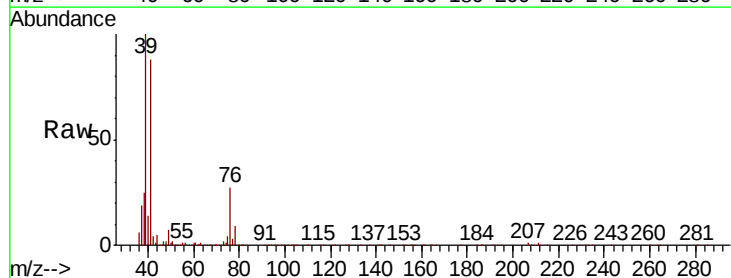
Tgt Ion: 41 Resp: 200206

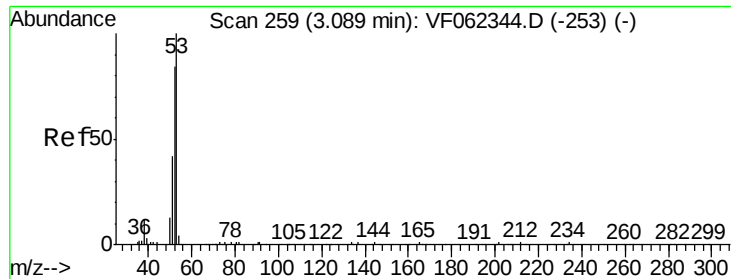
Ion Ratio Lower Upper

41 100

39 110.5 90.8 136.2

76 30.3 22.2 33.4





#15

Acrylonitrile

Concen: 258.419 ug/l

RT: 3.09 min Scan# 259

Delta R.T. 0.00 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :
MSVOA_F
ClientSampleId :

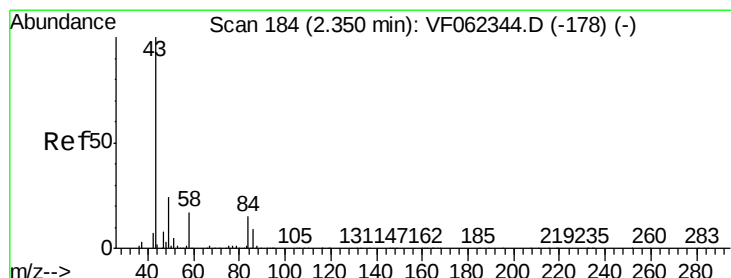
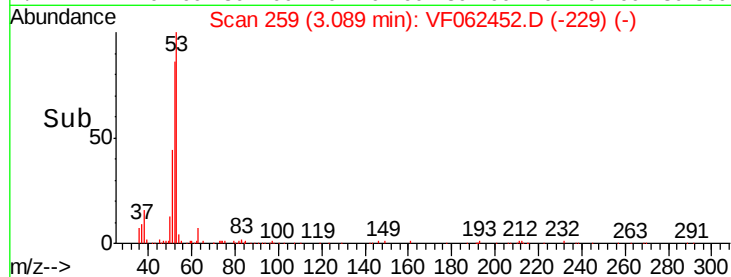
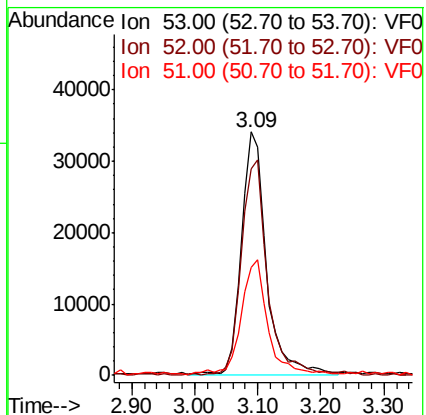
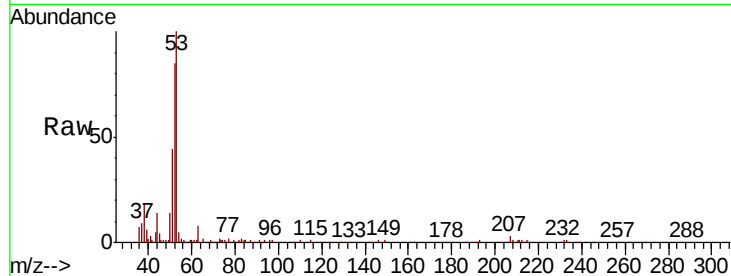
Tot Ion: 53 Resp: 92142

Ion Ratio Lower Upper

53 100

52 92.4 77.2 115.8

51 48.2 40.6 61.0



#16

Acetone

Concen: 332.528 ug/l

RT: 2.35 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF062452.D

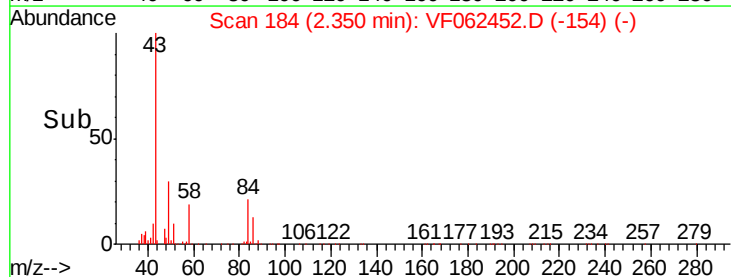
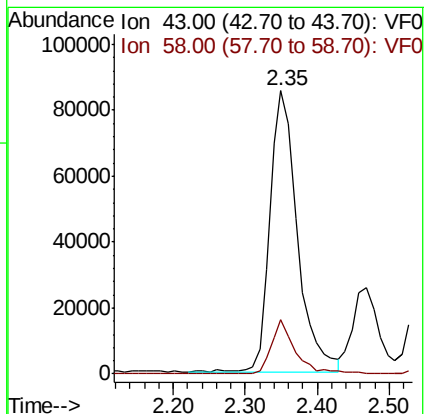
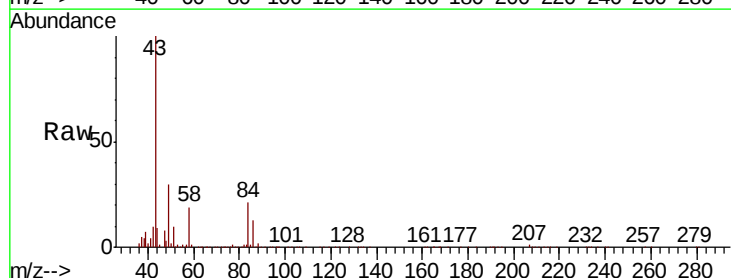
Acq: 11 May 2019 10:42

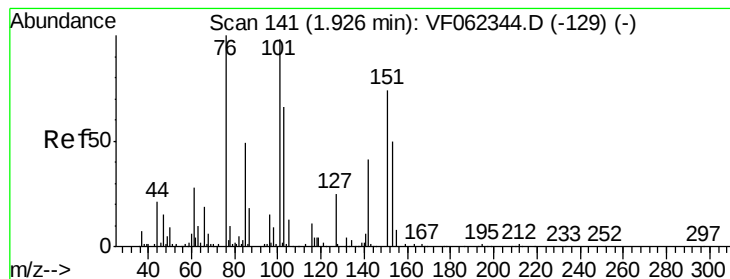
Tgt Ion: 43 Resp: 224038

Ion Ratio Lower Upper

43 100

58 19.0 13.1 19.7





#17

Carbon Disulfide

Concen: 45.125 ug/l

RT: 1.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :

MSVOA_F

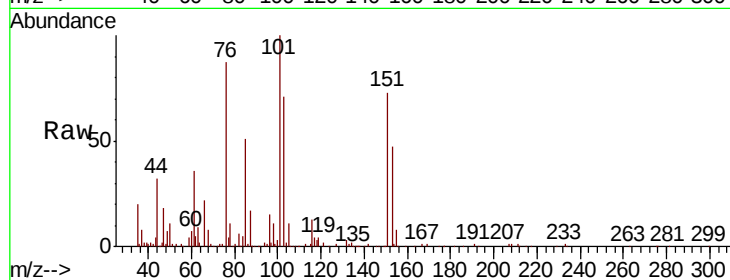
ClientSampleId :

Tot Ion: 76 Resp: 265857

Ion Ratio Lower Upper

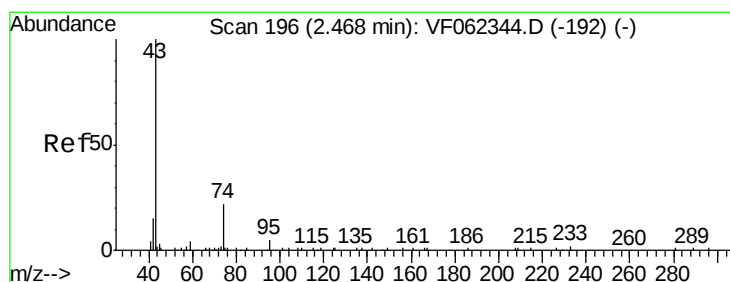
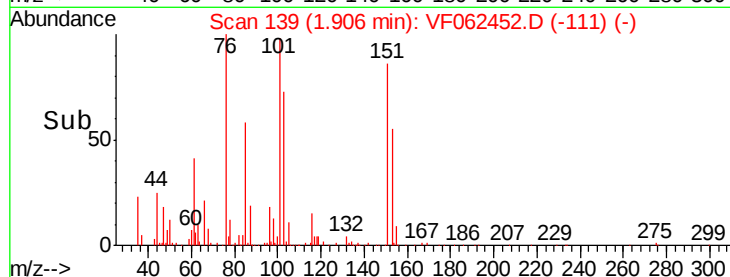
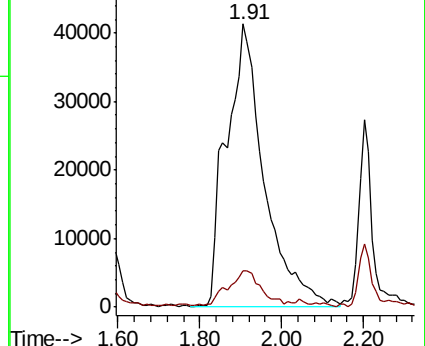
76 100

78 12.2 9.0 13.4



Abundance Ion 75.90 (75.60 to 76.60): VF0

Ion 77.90 (77.60 to 78.60): VF0



#18

Methyl Acetate

Concen: 48.639 ug/l

RT: 2.47 min Scan# 196

Delta R.T. 0.00 min

Lab File: VF062452.D

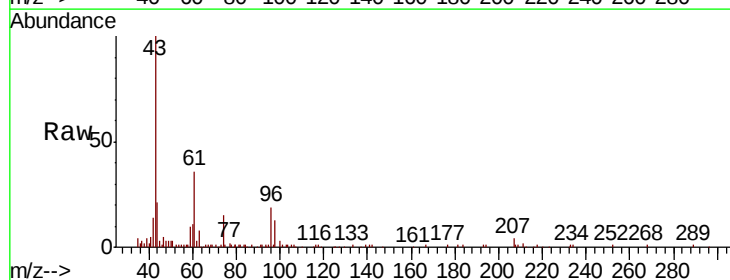
Acq: 11 May 2019 10:42

Tgt Ion: 43 Resp: 59867

Ion Ratio Lower Upper

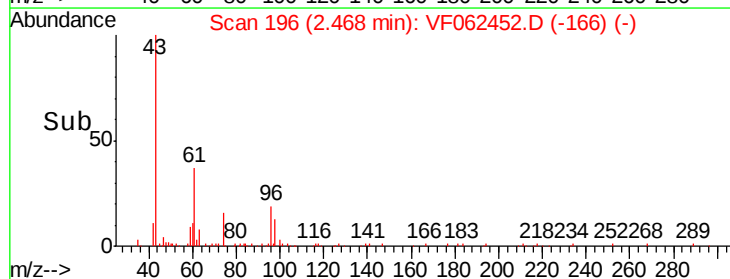
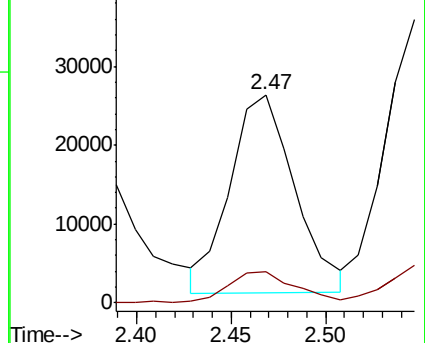
43 100

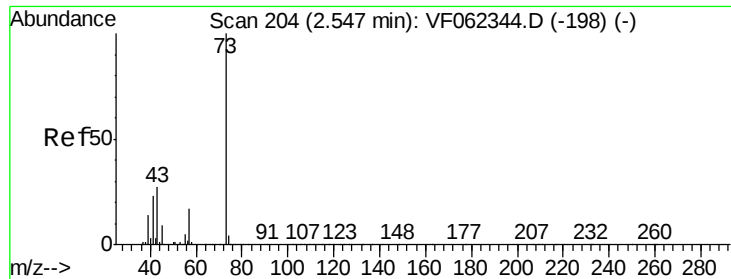
74 17.2 15.0 22.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

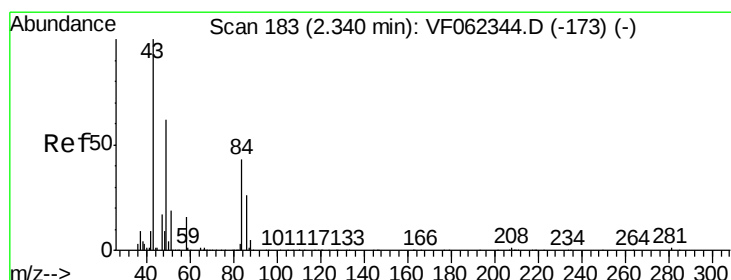
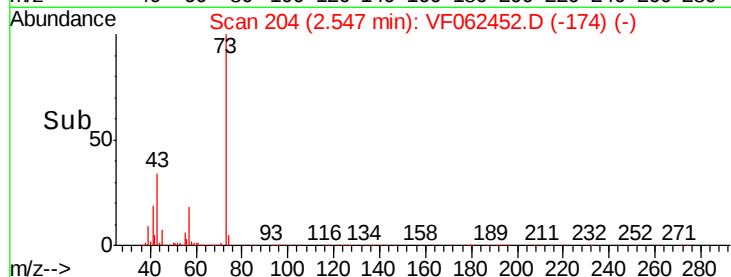
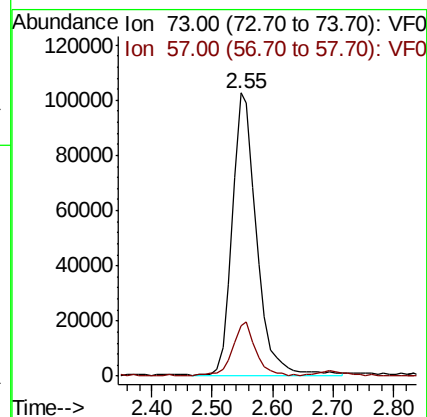
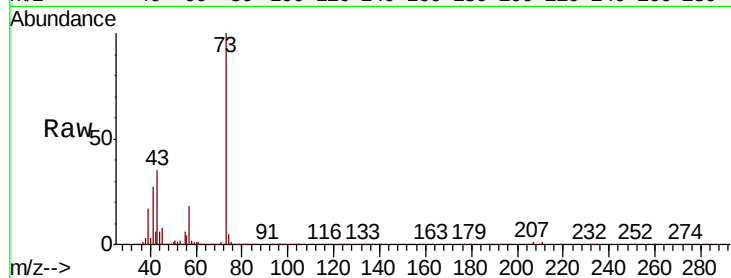




#19
Methyl tert-butyl Ether
Concen: 50.813 ug/l
RT: 2.55 min Scan# 204
Delta R.T. 0.00 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

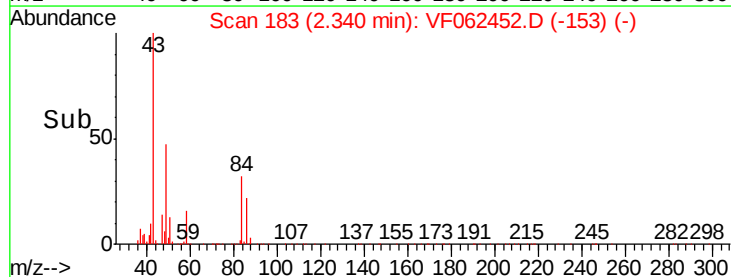
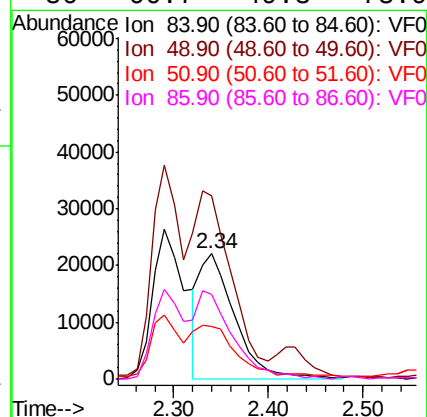
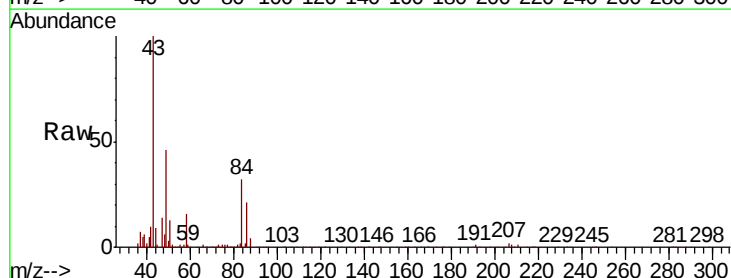
Instrument :
MSVOA_F
ClientSampleId :

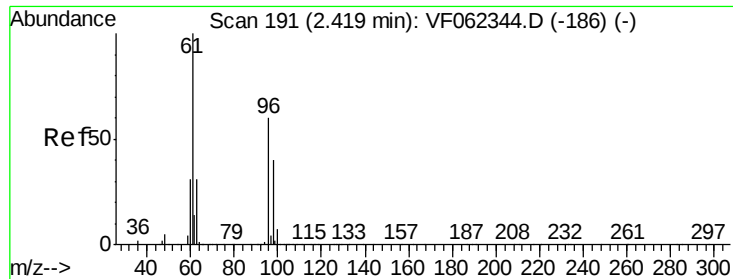
Tot Ion: 73 Resp: 283414
Ion Ratio Lower Upper
73 100
57 17.7 13.7 20.5



#20
Methylene Chloride
Concen: 23.582 ug/l
RT: 2.34 min Scan# 183
Delta R.T. 0.00 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

Tgt Ion: 84 Resp: 57484
Ion Ratio Lower Upper
84 100
49 146.4 117.5 176.3
51 40.4 37.0 55.4
86 66.7 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 48.121 ug/l

RT: 2.43 min Scan# 192

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :
MSVOA_F
ClientSampleId :

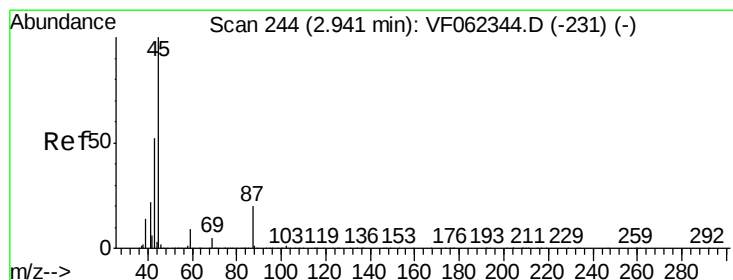
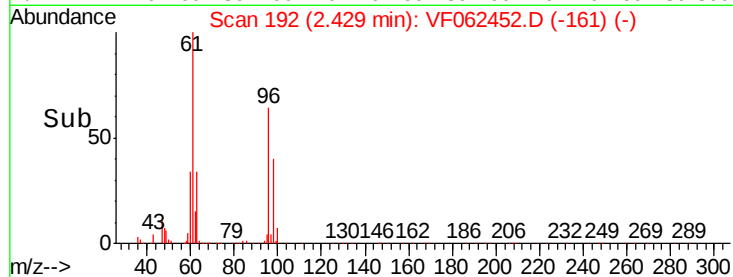
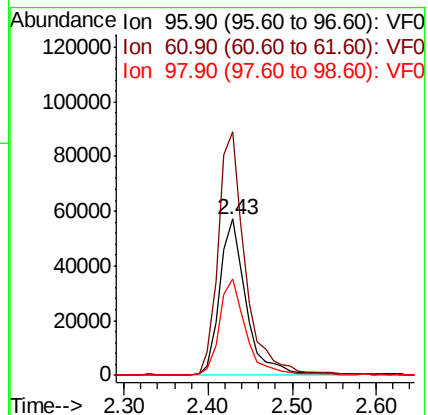
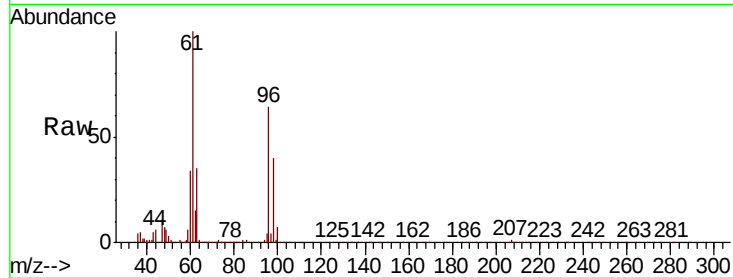
Tot Ion: 96 Resp: 123879

Ion Ratio Lower Upper

96 100

61 155.8 133.2 199.8

98 62.0 53.1 79.7



#22

Diisopropyl ether

Concen: 51.635 ug/l

RT: 2.94 min Scan# 244

Delta R.T. 0.00 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Tgt Ion: 45 Resp: 385182

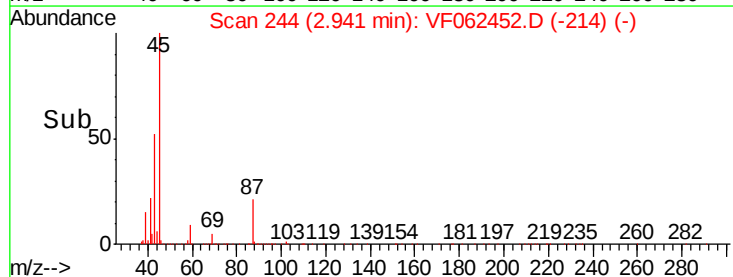
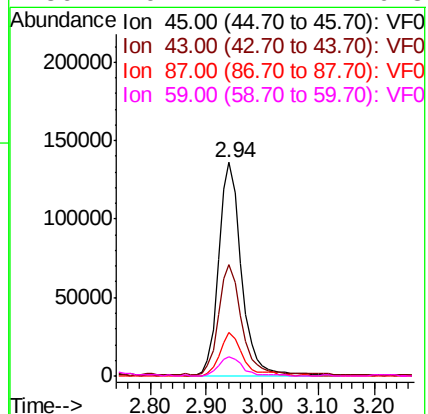
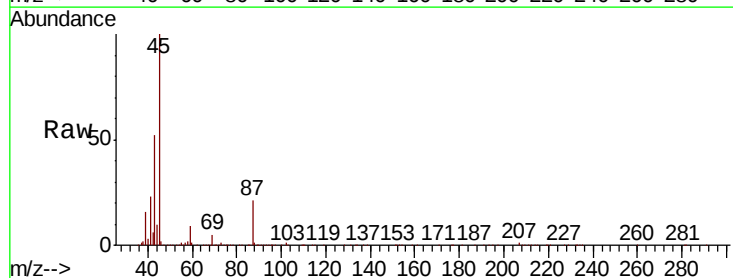
Ion Ratio Lower Upper

45 100

43 51.6 41.4 62.0

87 20.6 15.8 23.6

59 9.1 7.2 10.8

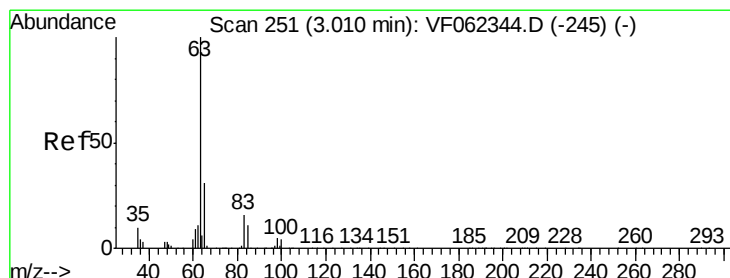
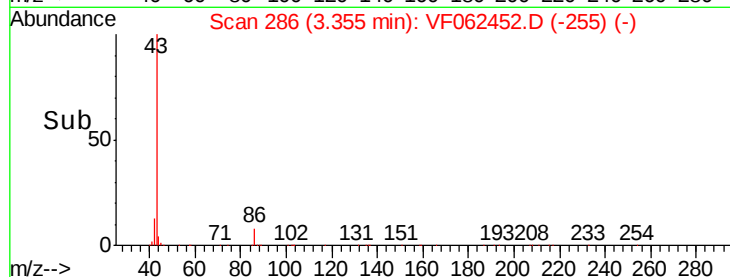
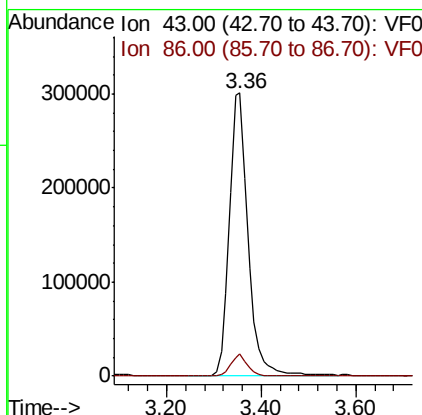
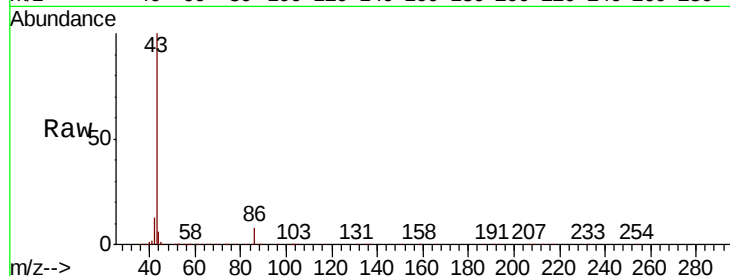




#23
 Vinyl Acetate
 Concen: 246.914 ug/l
 RT: 3.36 min Scan# 286
 Delta R.T. 0.01 min
 Lab File: VF062452.D
 Acq: 11 May 2019 10:42

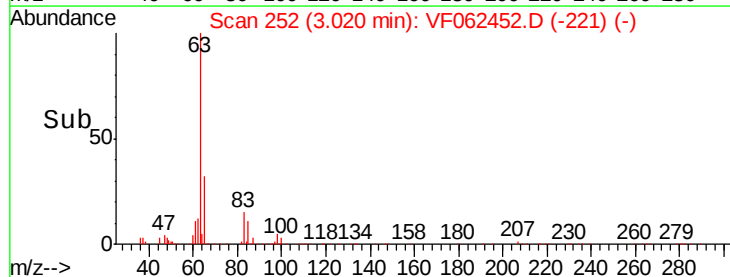
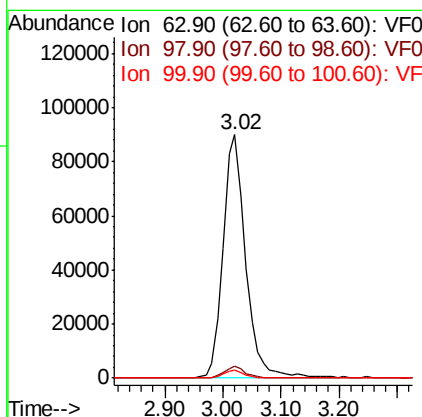
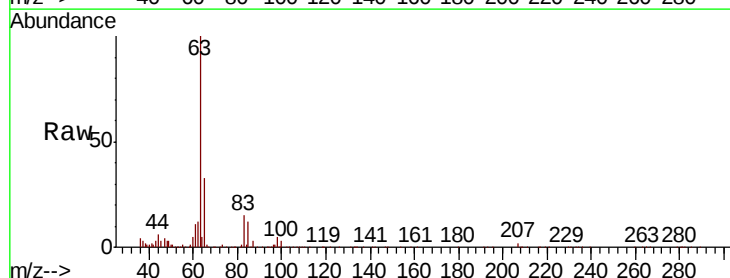
Instrument :
 MSVOA_F
 ClientSampleId :

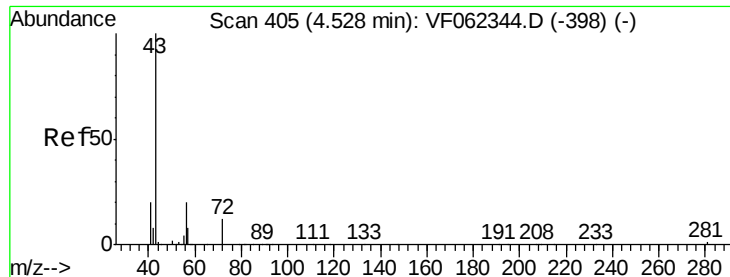
Tot Ion: 43 Resp: 820929
 Ion Ratio Lower Upper
 43 100
 86 7.7 5.7 8.5



#24
 1,1-Dichloroethane
 Concen: 53.803 ug/l
 RT: 3.02 min Scan# 252
 Delta R.T. 0.01 min
 Lab File: VF062452.D
 Acq: 11 May 2019 10:42

Tgt Ion: 63 Resp: 242571
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.6 8.0
 100 3.2 1.8 5.4

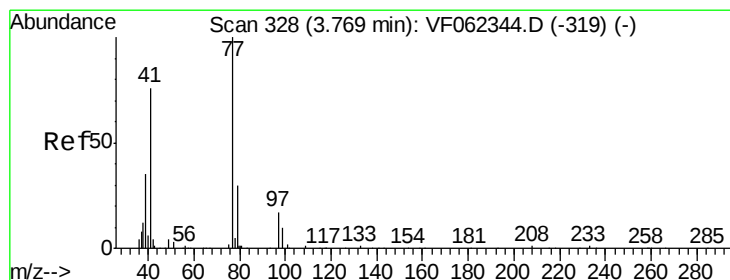
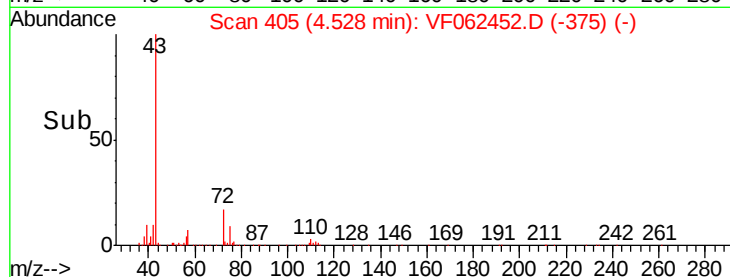
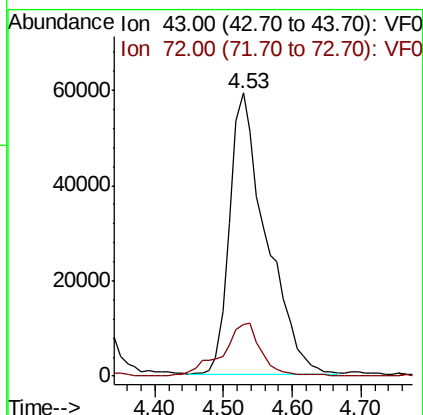
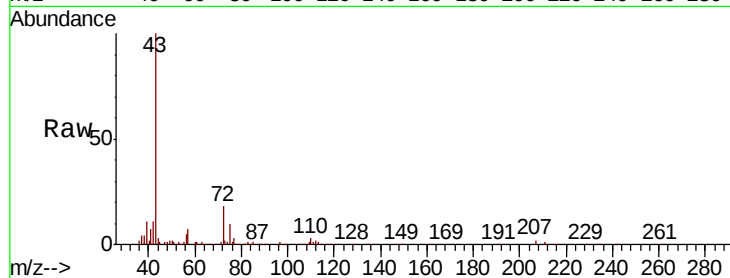




#25
2-Butanone
Concen: 259.327 ug/l
RT: 4.53 min Scan# 405
Delta R.T. 0.00 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

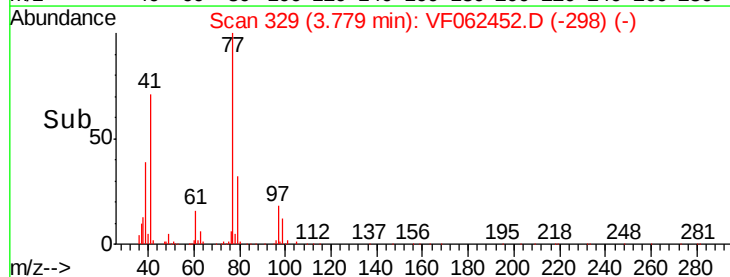
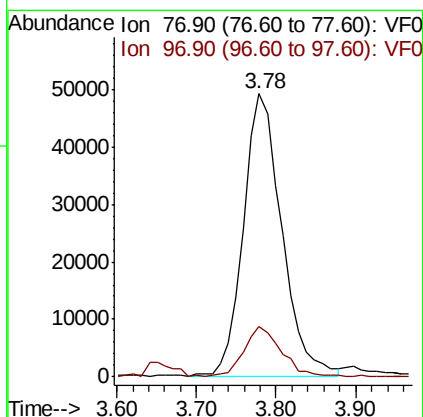
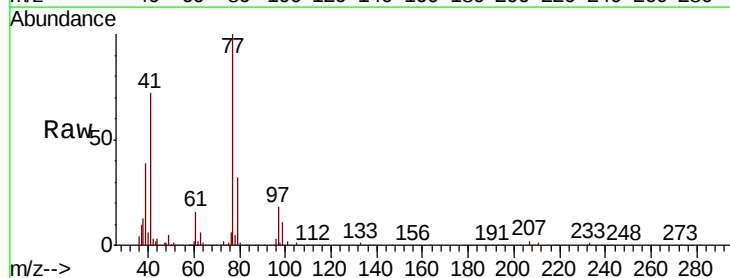
Instrument :
MSVOA_F
ClientSampleId :

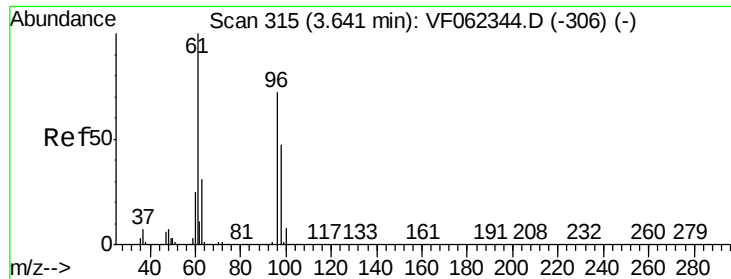
Tot Ion: 43 Resp: 219505
Ion Ratio Lower Upper
43 100
72 18.3 14.2 21.4



#26
2,2-Dichloropropane
Concen: 64.685 ug/l
RT: 3.78 min Scan# 329
Delta R.T. 0.01 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

Tgt Ion: 77 Resp: 162861
Ion Ratio Lower Upper
77 100
97 17.5 9.5 28.5



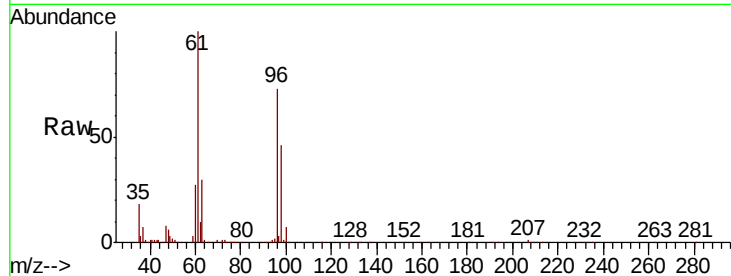


#27

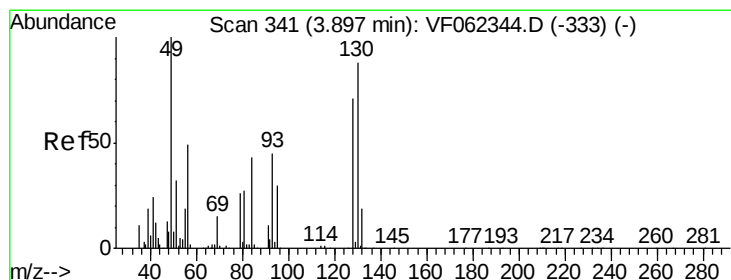
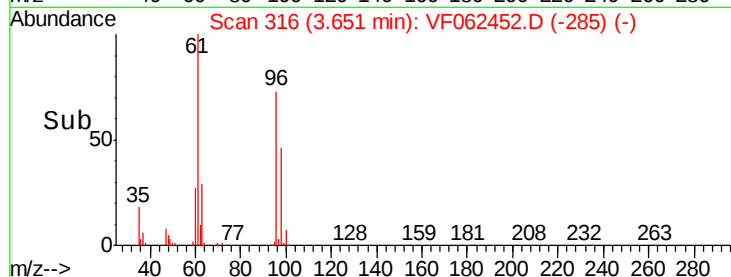
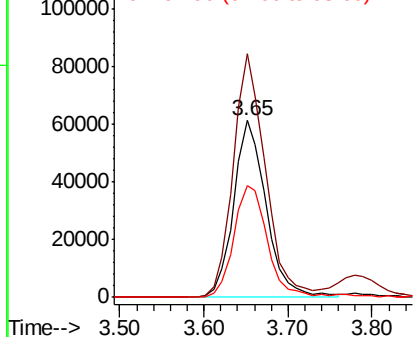
cis-1,2-Dichloroethene
Concen: 51.448 ug/l
RT: 3.65 min Scan# 316
Delta R.T. 0.01 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	263.0
98	64.7	0.0	130.8



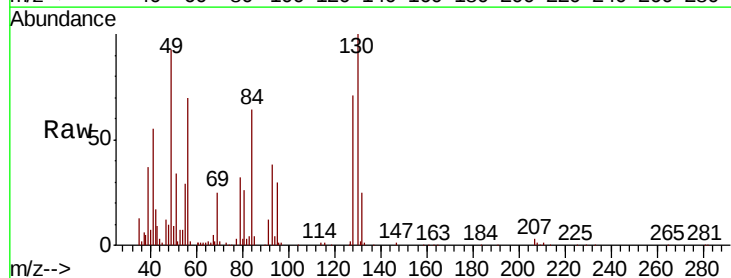
Abundance Ion 95.90 (95.60 to 96.60): VF0
Ion 60.90 (60.60 to 61.60): VF0
Ion 97.90 (97.60 to 98.60): VF0



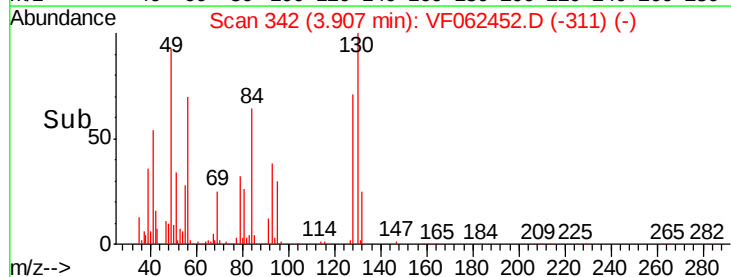
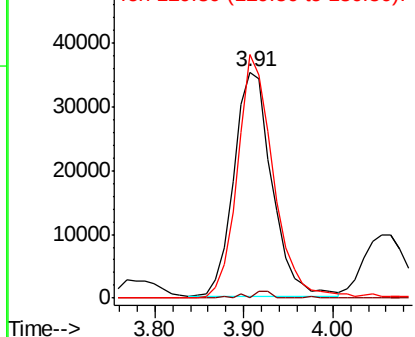
#28

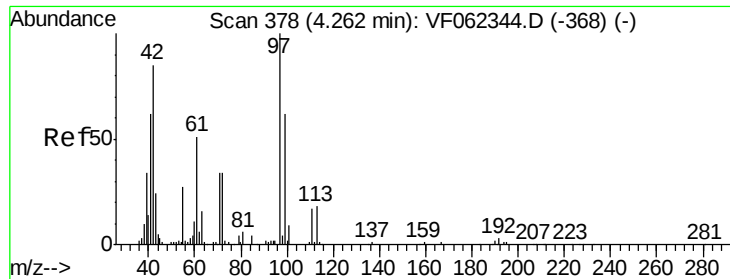
Bromochloromethane
Concen: 51.525 ug/l
RT: 3.91 min Scan# 342
Delta R.T. 0.01 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.2
130	101.5	79.4	119.0



Abundance Ion 48.90 (48.60 to 49.60): VF0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 218.258 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.01 min

Lab File: VF062452.D

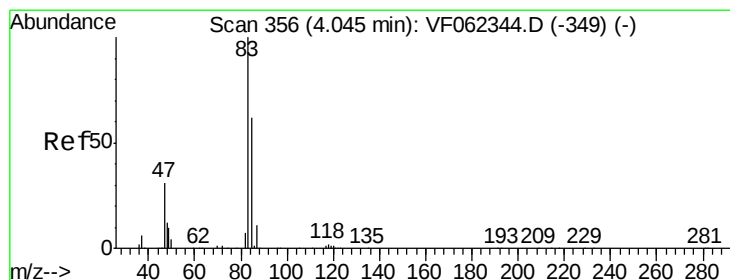
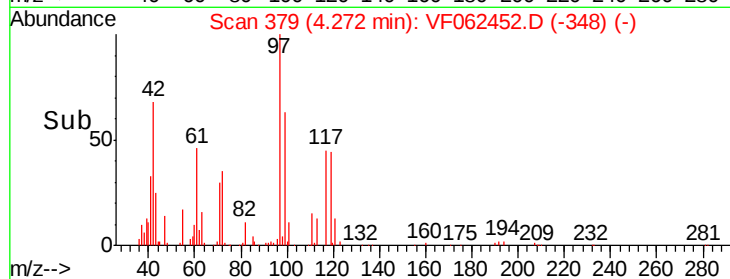
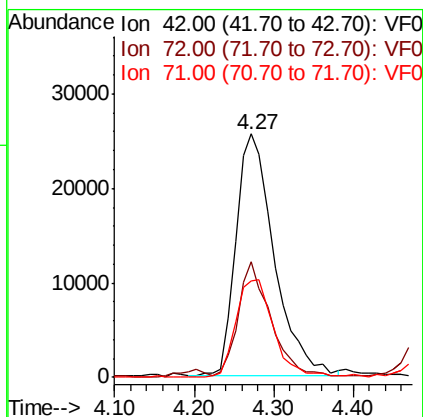
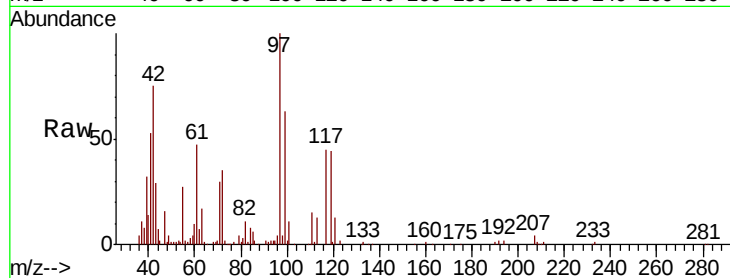
Acq: 11 May 2019 10:42

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	42	Resp:	84907
Ion	Ratio	Lower	Upper
42	100		
72	40.5	31.4	47.0
71	40.0	31.7	47.5



#30

Chloroform

Concen: 53.571 ug/l

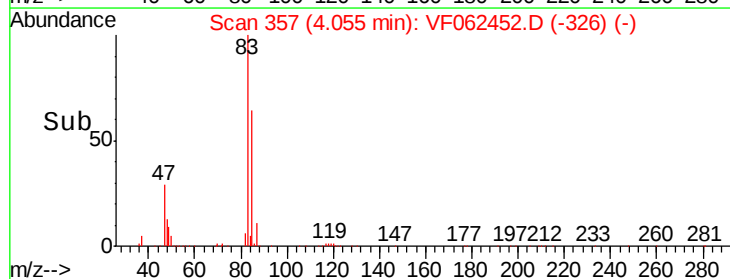
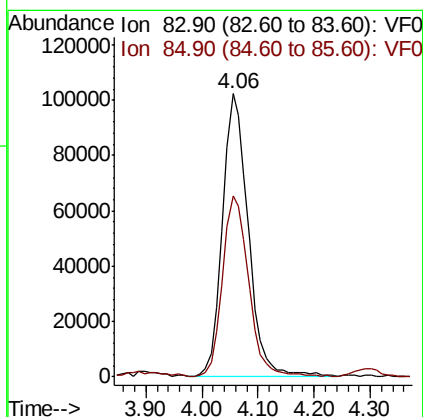
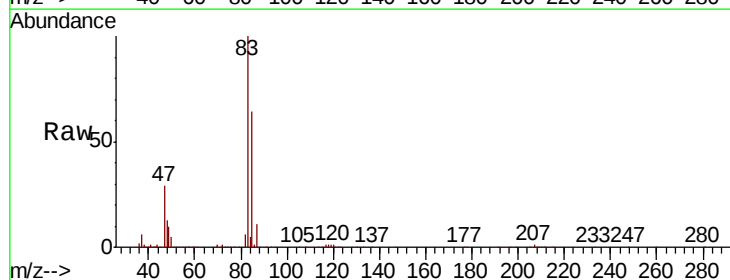
RT: 4.06 min Scan# 357

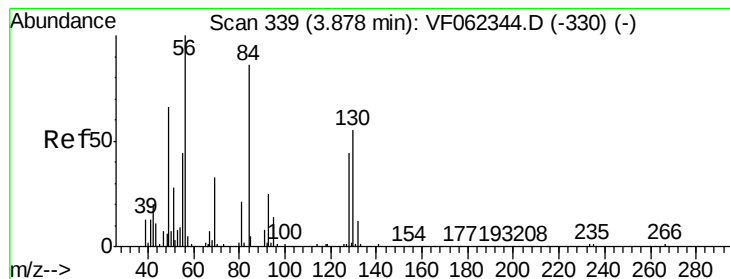
Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Tgt Ion:	83	Resp:	326304
Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.6	74.4





#31

Cvclohexane

Concen: 47.042 ug/l

RT: 3.89 min Scan# 340

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :
MSVOA_F
ClientSampleId :

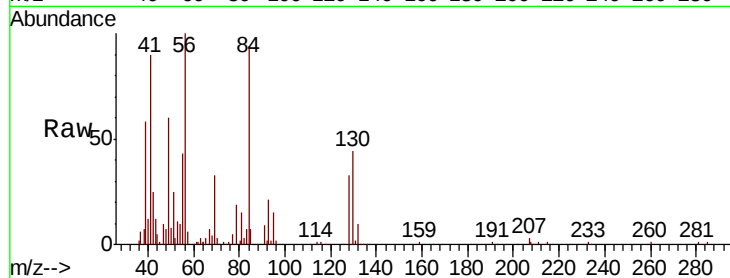
Tot Ion: 56 Resp: 169288

Ion Ratio Lower Upper

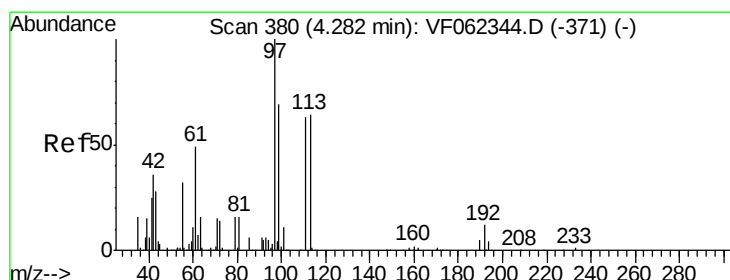
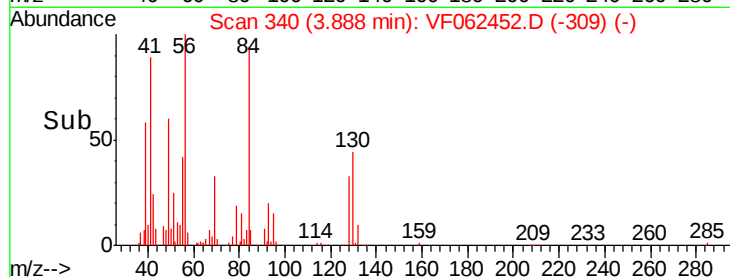
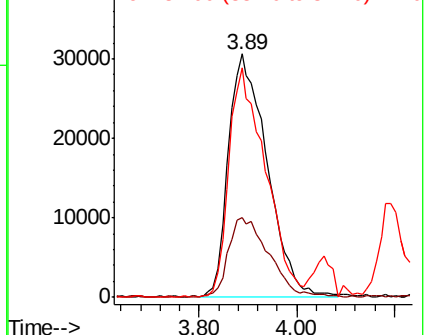
56 100

69 32.3 26.4 39.6

84 94.2 69.0 103.6



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



#32

1,1,1-Trichloroethane

Concen: 54.327 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.02 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

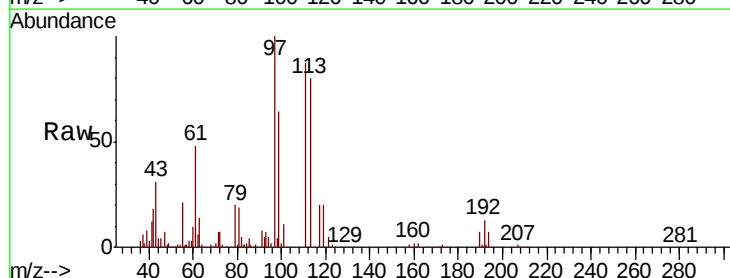
Tgt Ion: 97 Resp: 283605

Ion Ratio Lower Upper

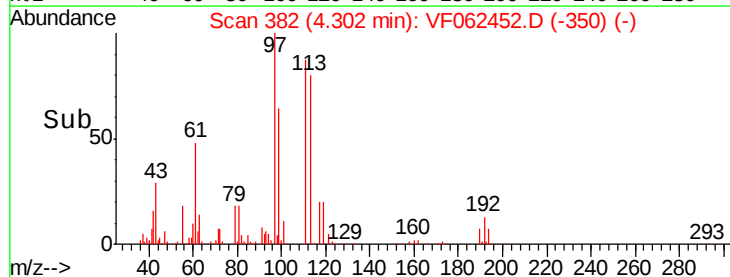
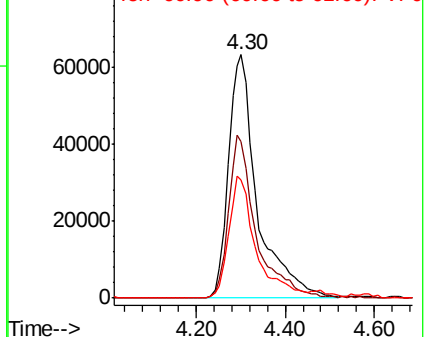
97 100

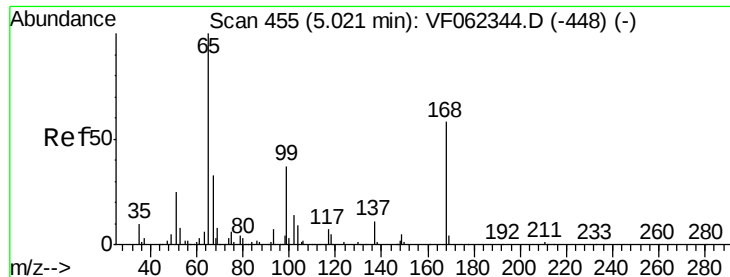
99 64.0 52.6 78.8

61 47.7 39.4 59.0



Abundance Ion 96.90 (96.60 to 97.60): VF0
Ion 98.90 (98.60 to 99.60): VF0
Ion 60.90 (60.60 to 61.60): VF0





#33

1,2-Dichloroethane-d4

Concen: 52.588 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

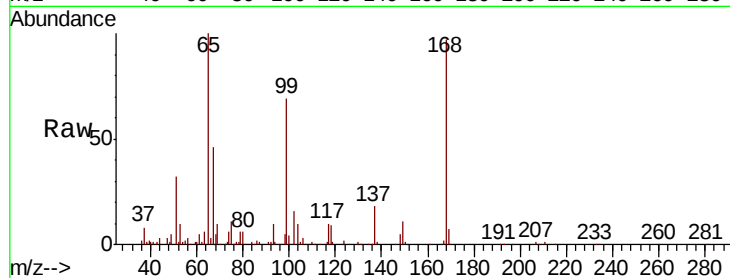
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 65 Resp: 175145

Ion Ratio Lower Upper

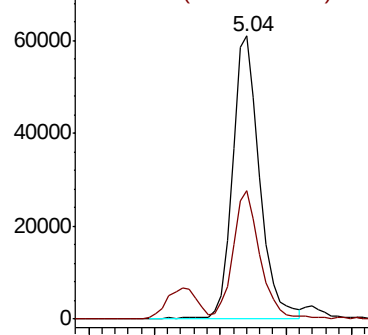
65 100

67 44.3 0.0 85.8

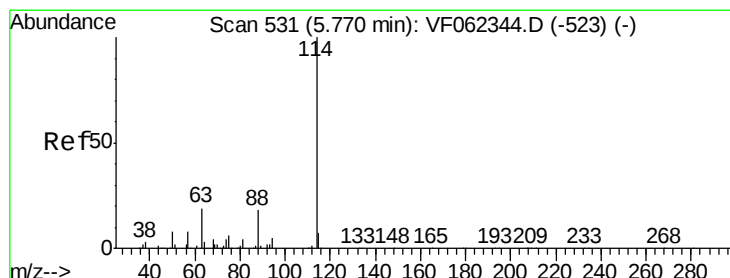
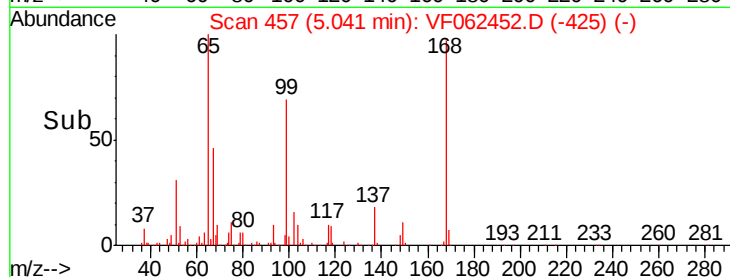


Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0



Time--> 4.80 4.90 5.00 5.10 5.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

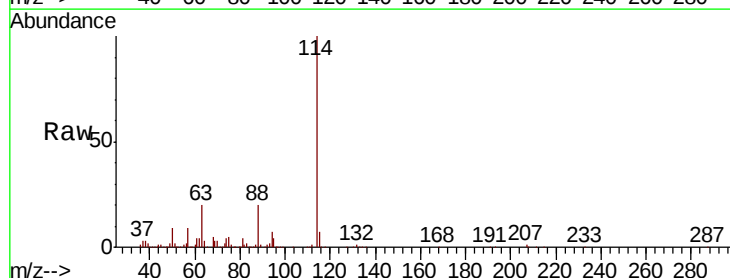
Tgt Ion:114 Resp: 450501

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

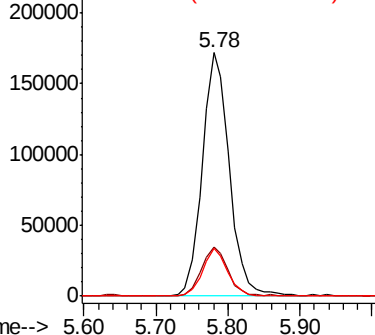
88 19.9 0.0 36.4



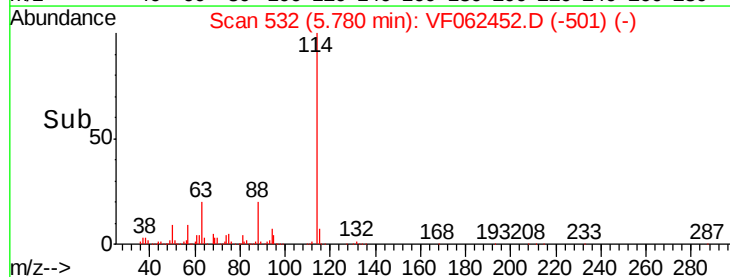
Abundance Ion 113.90 (113.60 to 114.60): V

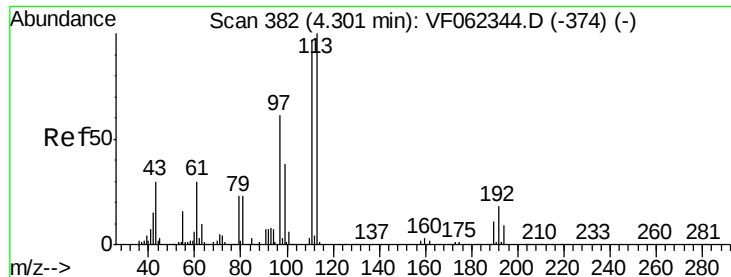
Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



Time--> 5.60 5.70 5.80 5.90

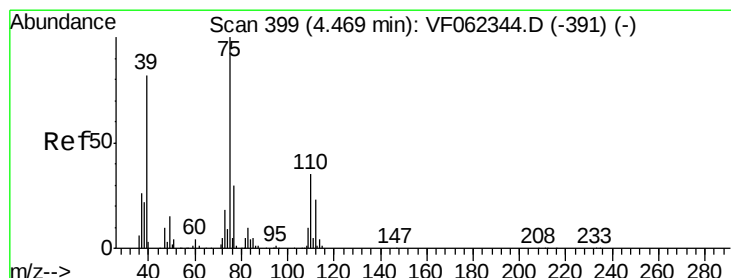
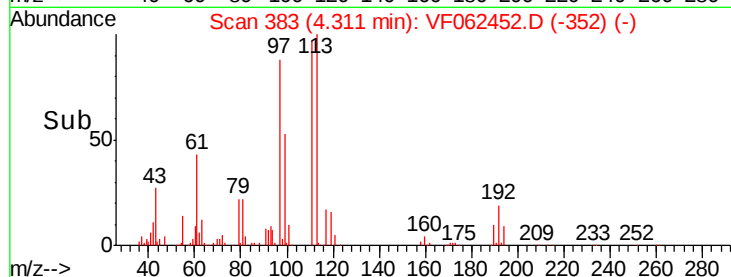
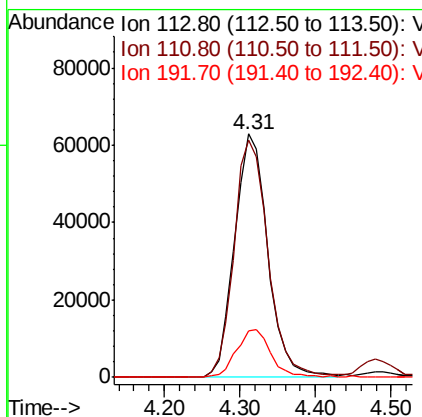
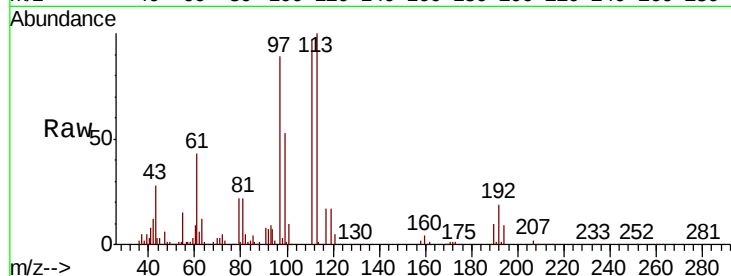




#35
 Dibromofluoromethane
 Concen: 53.549 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: VF062452.D
 Acq: 11 May 2019 10:42

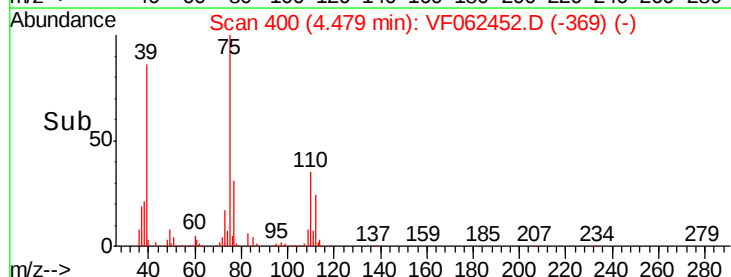
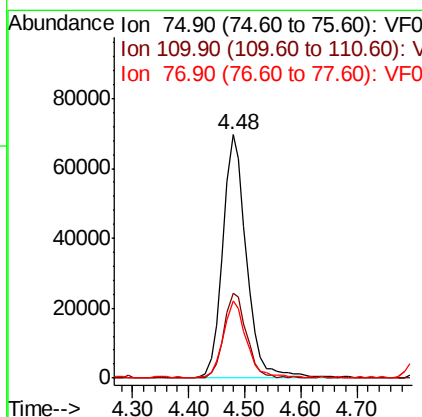
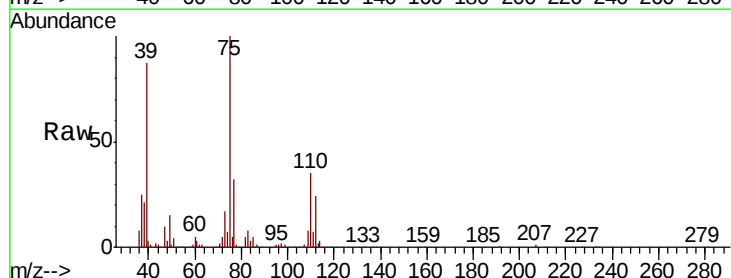
Instrument :
 MSVOA_F
 ClientSampleId :

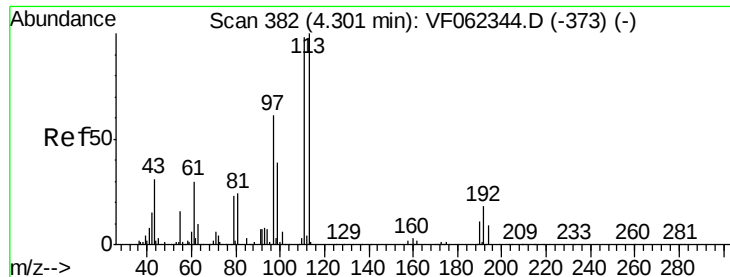
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.3	79.4	119.0
192	20.6	16.0	24.0



#36
 1,1-Dichloropropene
 Concen: 53.117 ug/l
 RT: 4.48 min Scan# 400
 Delta R.T. 0.01 min
 Lab File: VF062452.D
 Acq: 11 May 2019 10:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.2	51.5
77	30.5	25.2	37.8

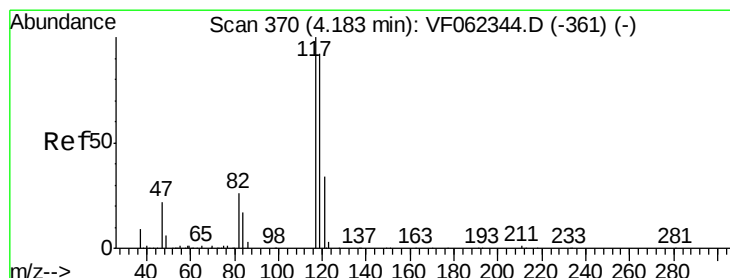
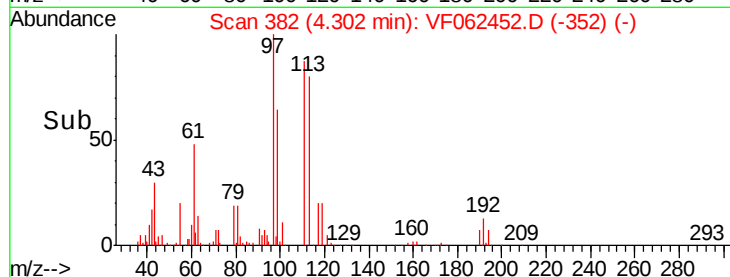
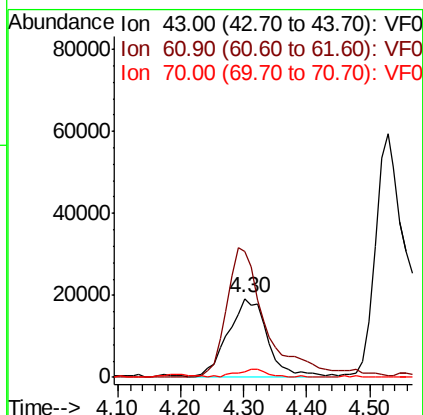
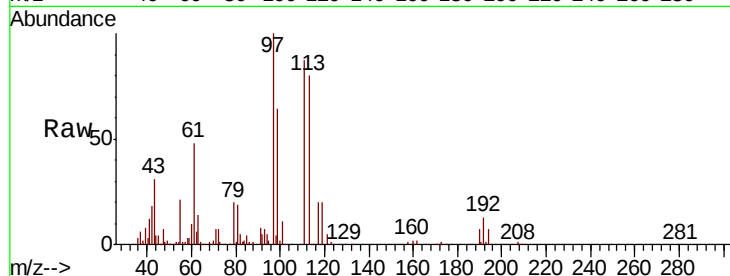




#37
Ethyl Acetate
Concen: 56.427 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

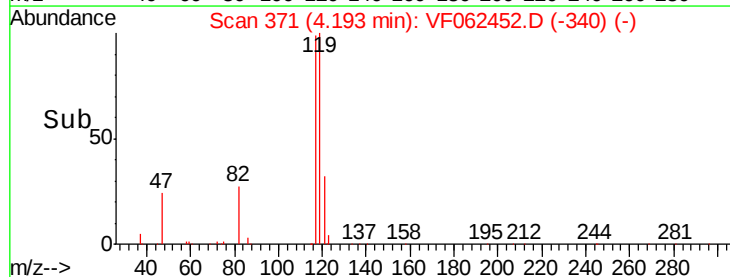
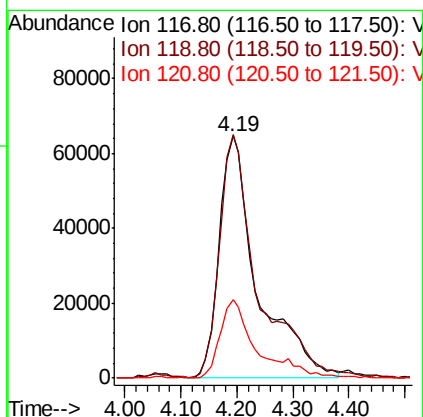
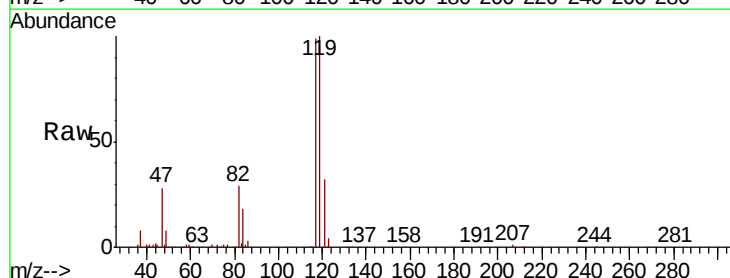
Instrument :
MSVOA_F
ClientSampleId :

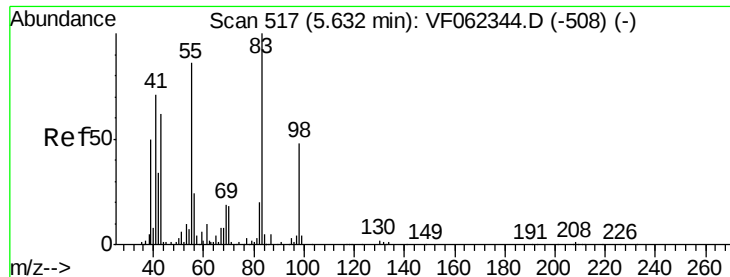
Tot Ion: 43 Resp: 84014
Ion Ratio Lower Upper
43 100
61 161.2 0.0 0.0#
70 8.0 8.2 12.2#



#38
Carbon Tetrachloride
Concen: 77.501 ug/l
RT: 4.19 min Scan# 371
Delta R.T. 0.01 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

Tgt Ion: 117 Resp: 304957
Ion Ratio Lower Upper
117 100
119 100.8 73.4 110.2
121 32.2 27.4 41.0





#39

Methvlcvclohexane

Concen: 52.451 ug/l

RT: 5.64 min Scan# 518

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :

MSVOA_F

ClientSampleId :

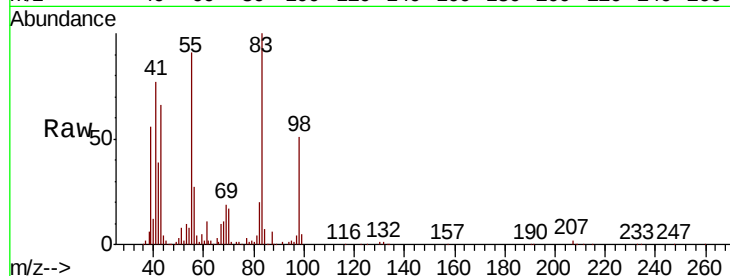
Tot Ion: 83 Resp: 203574

Ion Ratio Lower Upper

83 100

55 90.4 69.0 103.6

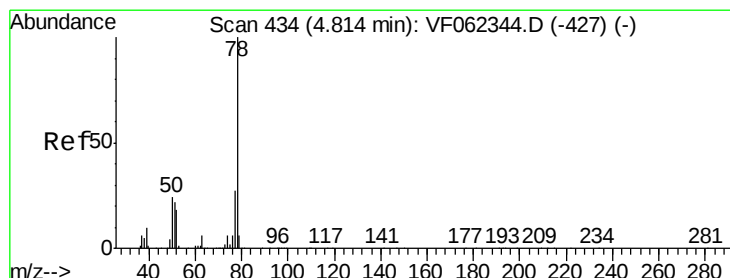
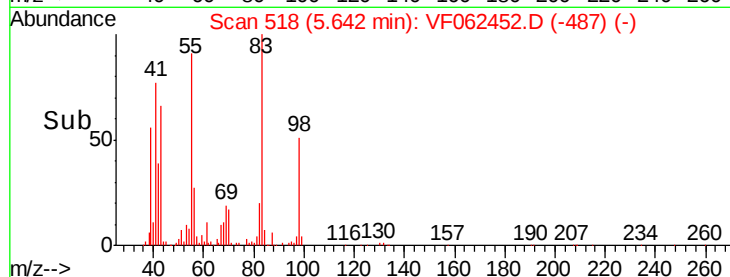
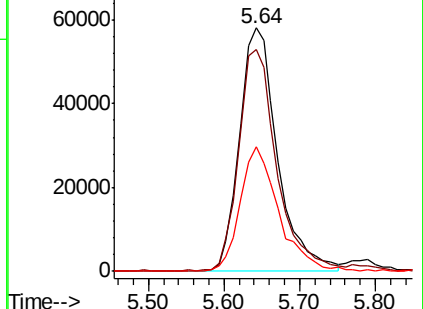
98 51.2 38.6 58.0



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#40

Benzene

Concen: 53.033 ug/l

RT: 4.83 min Scan# 436

Delta R.T. 0.02 min

Lab File: VF062452.D

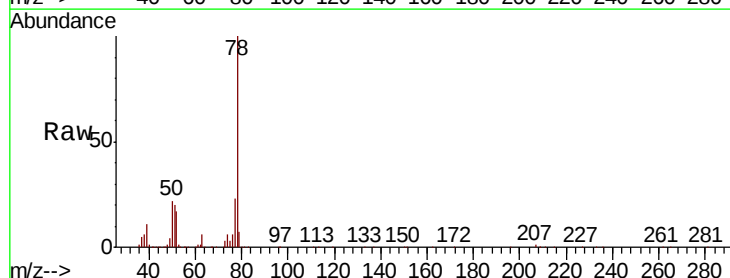
Acq: 11 May 2019 10:42

Tgt Ion: 78 Resp: 451946

Ion Ratio Lower Upper

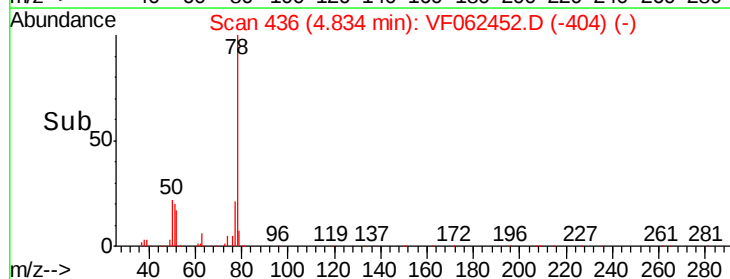
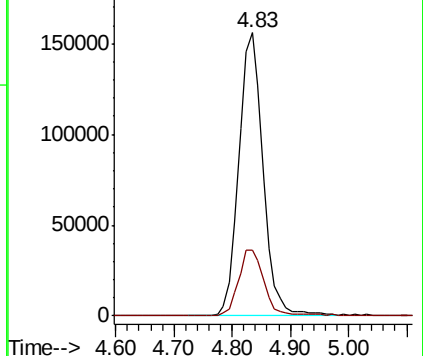
78 100

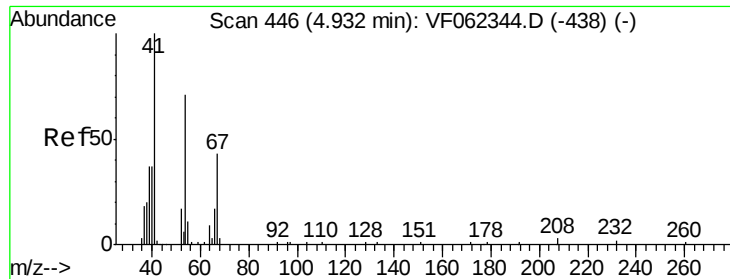
77 23.2 21.6 32.4



Abundance Ion 78.00 (77.70 to 78.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

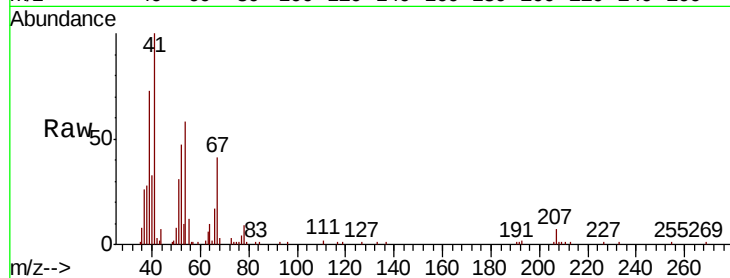




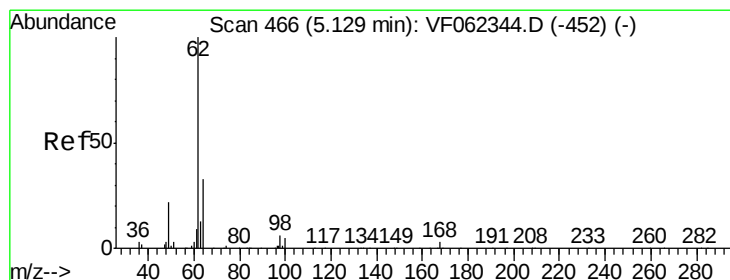
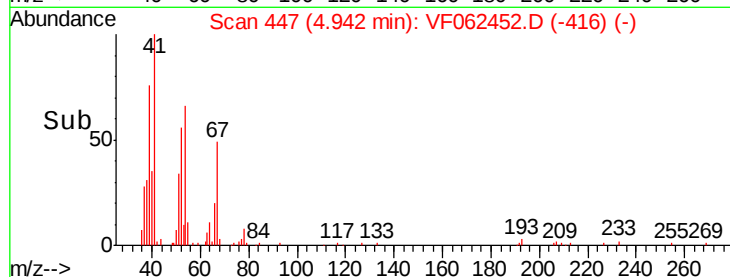
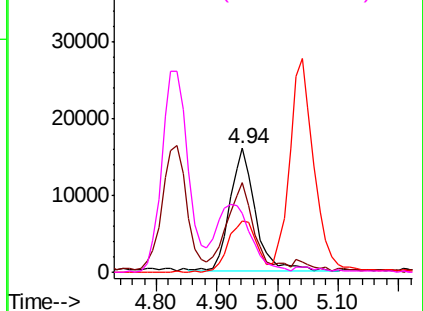
#41
Methacrylonitrile
Concen: 50.379 ug/l
RT: 4.94 min Scan# 447
Delta R.T. 0.01 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	41	Resp:	46749
Ion	Ratio	Lower	Upper
41	100		
39	74.1	54.3	81.5
67	45.6	37.8	56.8
52	73.1	58.2	87.4

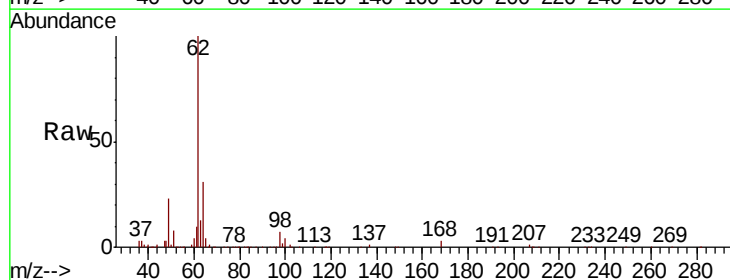


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0

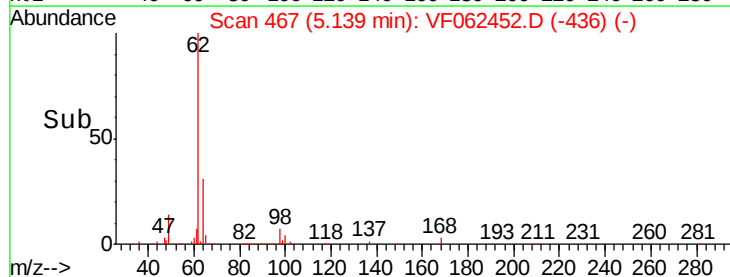
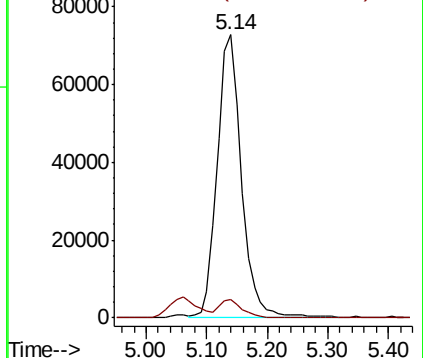


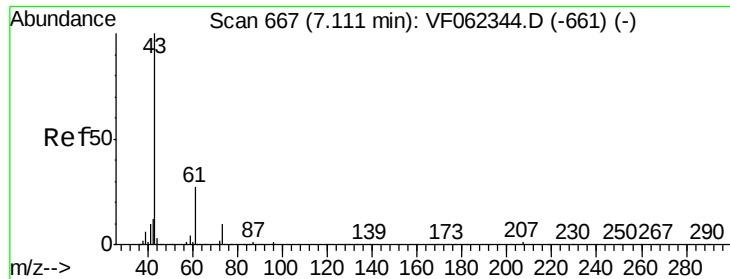
#42
1,2-Dichloroethane
Concen: 56.383 ug/l
RT: 5.14 min Scan# 467
Delta R.T. 0.01 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

Tgt Ion:	62	Resp:	200960
Ion	Ratio	Lower	Upper
62	100		
98	6.1	0.0	12.4



Abundance Ion 61.90 (61.60 to 62.60): VF0
Ion 97.90 (97.60 to 98.60): VF0



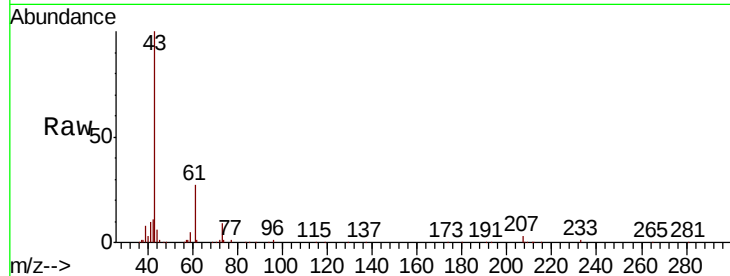


#43

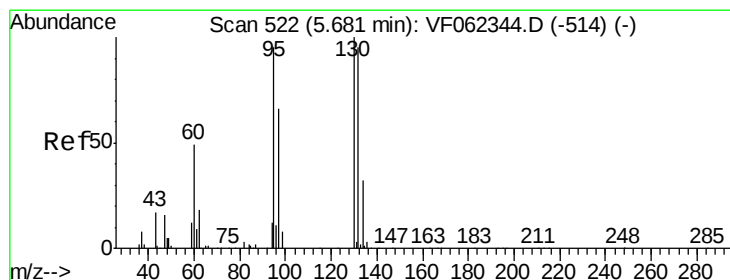
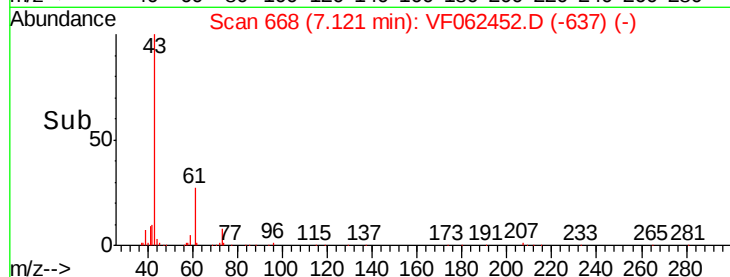
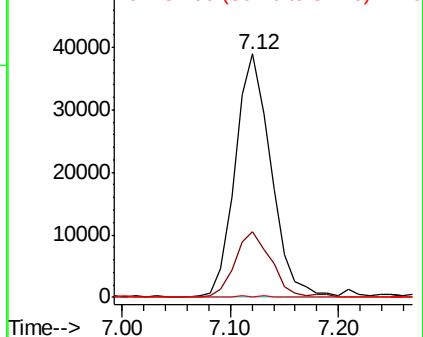
Isopropyl Acetate
 Concen: 50.745 ug/l
 RT: 7.12 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: VF062452.D
 Acq: 11 May 2019 10:42

Instrument :
 MSVOA_F
 ClientSampled :

Tot Ion: 43 Resp: 89324
 Ion Ratio Lower Upper
 43 100
 61 27.9 22.8 34.2
 87 0.3 0.6 1.0#



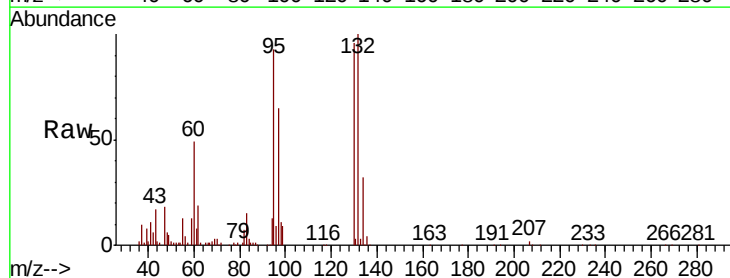
Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 87.00 (86.70 to 87.70): VF0



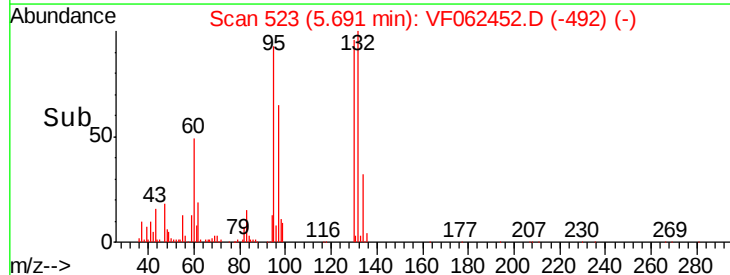
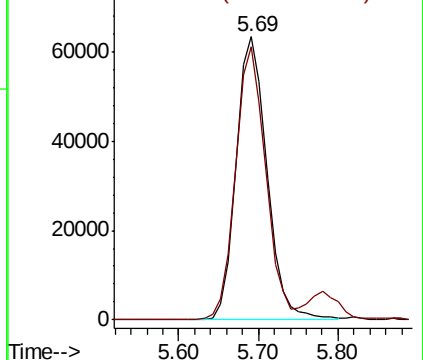
#44

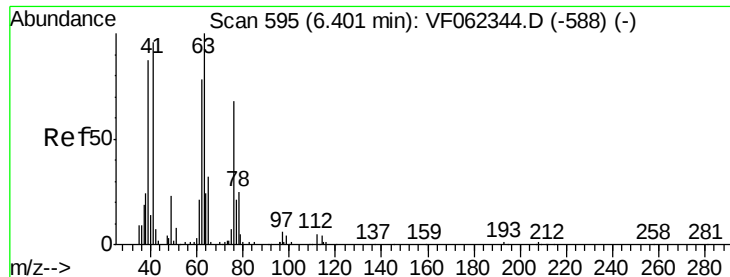
Trichloroethene
 Concen: 54.258 ug/l
 RT: 5.69 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: VF062452.D
 Acq: 11 May 2019 10:42

Tgt Ion: 130 Resp: 169854
 Ion Ratio Lower Upper
 130 100
 95 96.6 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 54.521 ug/l

RT: 6.42 min Scan# 597

Delta R.T. 0.02 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

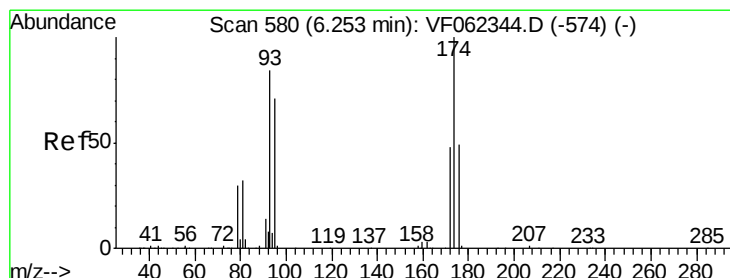
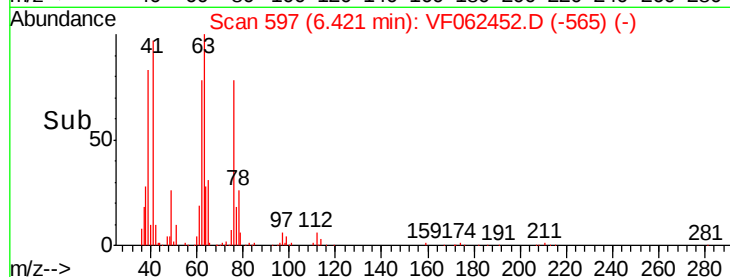
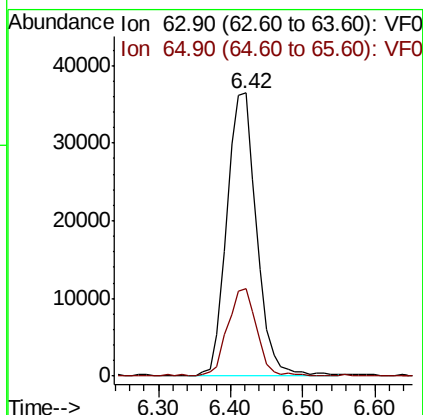
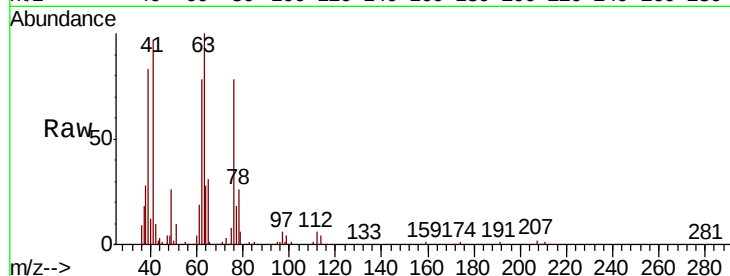
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 63 Resp: 105239

Ion Ratio Lower Upper

63 100

65 31.1 25.6 38.4



#46

Dibromomethane

Concen: 55.920 ug/l

RT: 6.26 min Scan# 581

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

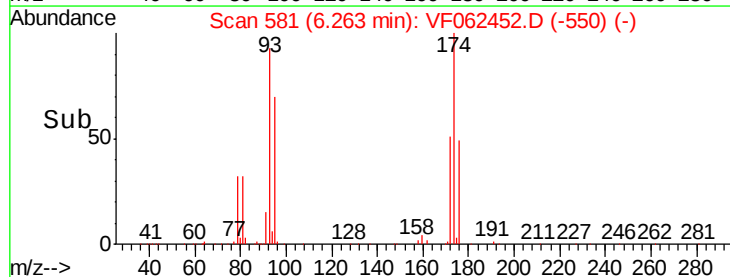
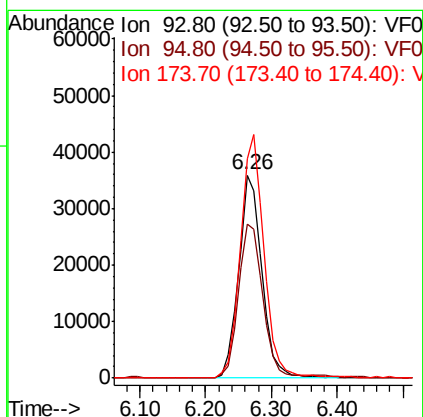
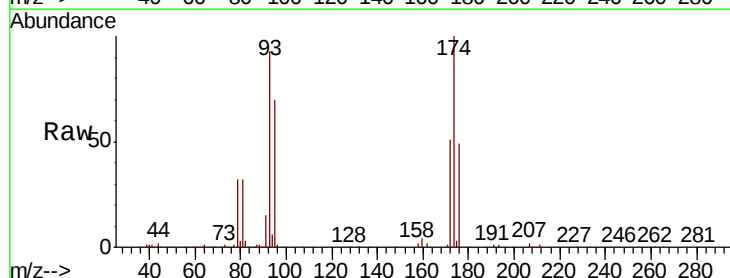
Tgt Ion: 93 Resp: 89494

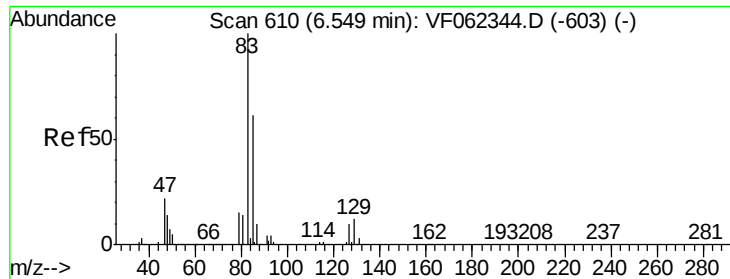
Ion Ratio Lower Upper

93 100

95 79.1 68.4 102.6

174 121.3 99.6 149.4





#47

Bromodichloromethane

Concen: 56.581 ug/l

RT: 6.56 min Scan# 611

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :
MSVOA_F
ClientSampleId :

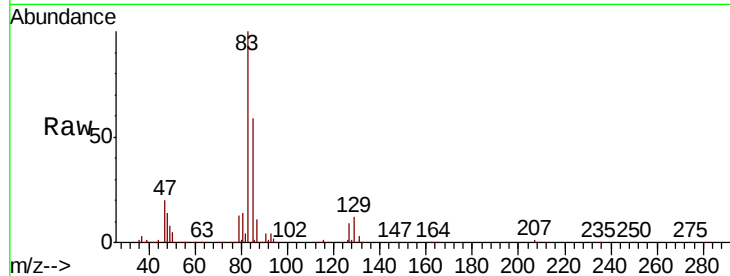
Tot Ion: 83 Resp: 226395

Ion Ratio Lower Upper

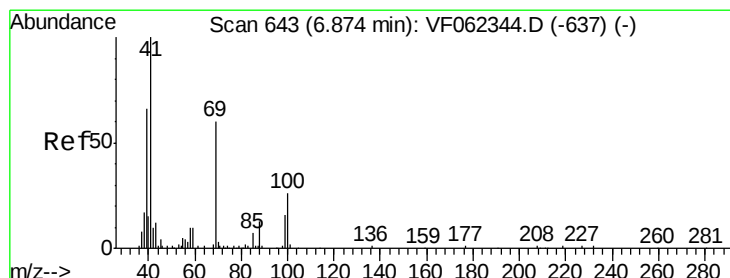
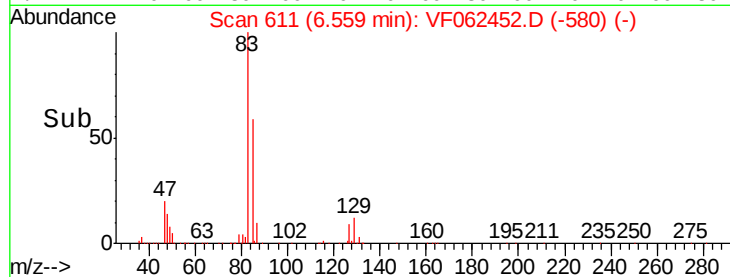
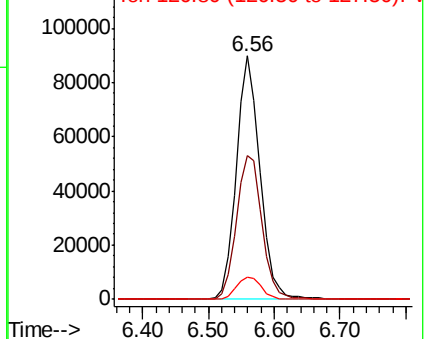
83 100

85 59.1 49.1 73.7

127 9.0 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VF0
Ion 84.90 (84.60 to 85.60): VF0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.370 ug/l

RT: 6.88 min Scan# 644

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

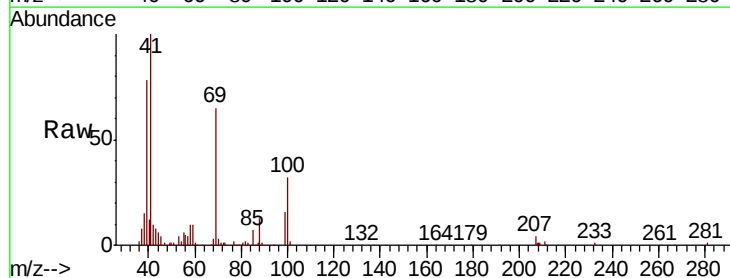
Tgt Ion: 41 Resp: 66390

Ion Ratio Lower Upper

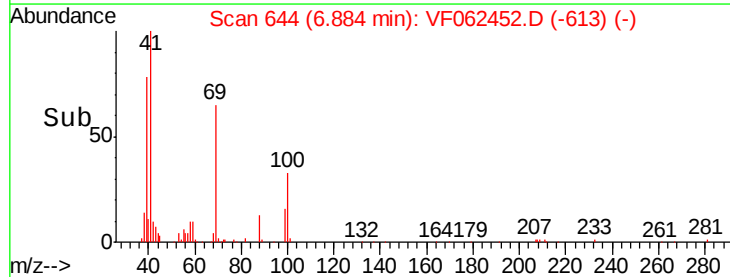
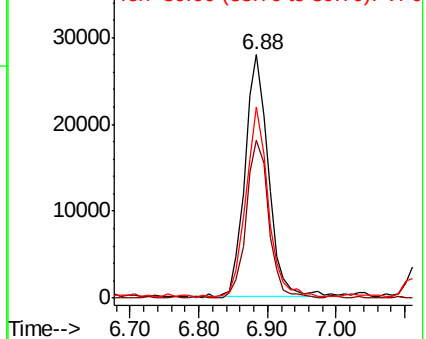
41 100

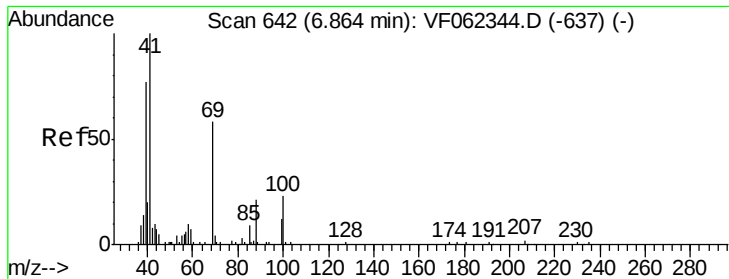
69 62.0 48.6 72.8

39 77.0 56.1 84.1



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: 1025.439 ug/l

RT: 6.87 min Scan# 643

Delta R.T. 0.01 min

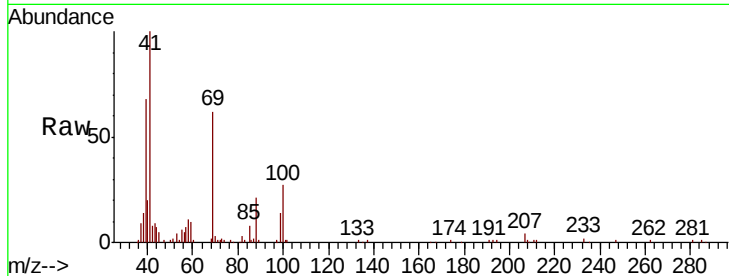
Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 88 Resp: 13115

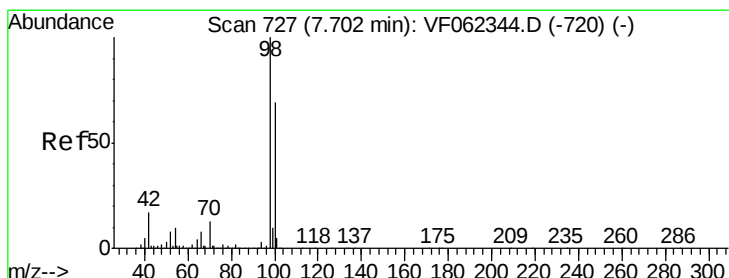
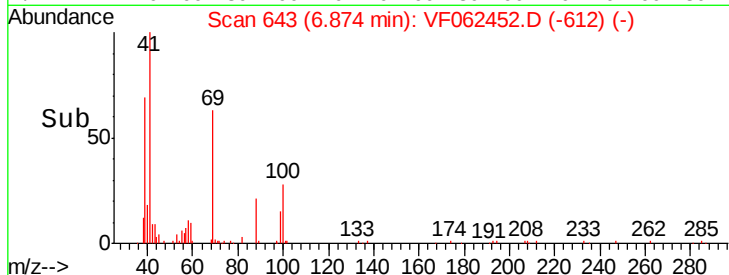
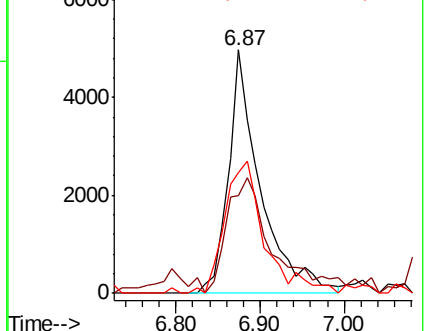
Ion	Ratio	Lower	Upper
88	100		
43	68.2	55.6	83.4
58	67.3	52.8	79.2



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 54.789 ug/l

RT: 7.71 min Scan# 728

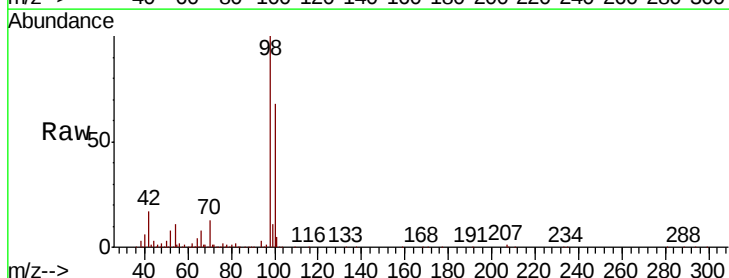
Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

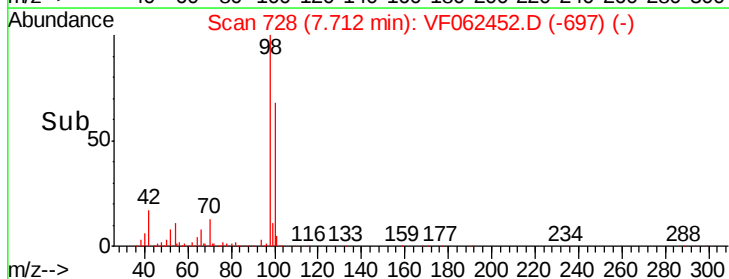
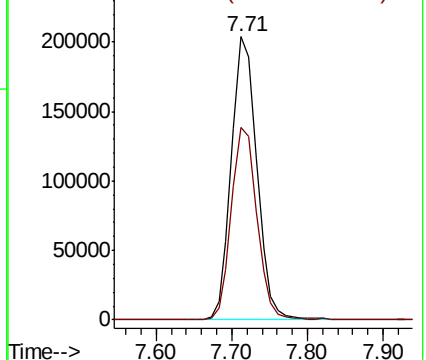
Tgt Ion: 98 Resp: 476003

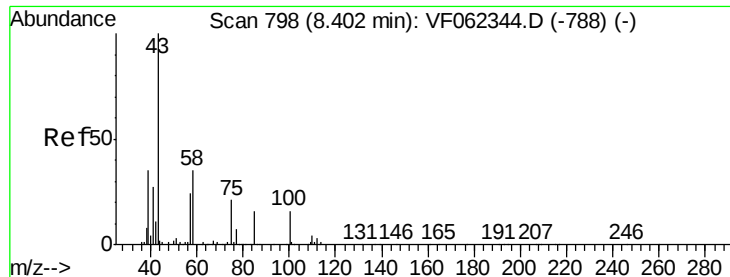
Ion	Ratio	Lower	Upper
98	100		
100	68.2	53.3	79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 285.986 ug/l

RT: 8.40 min Scan# 798

Delta R.T. 0.00 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

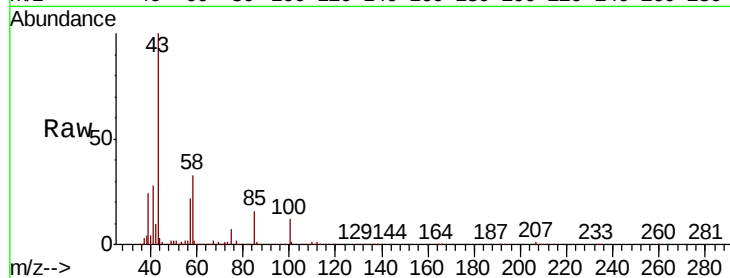
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 381454

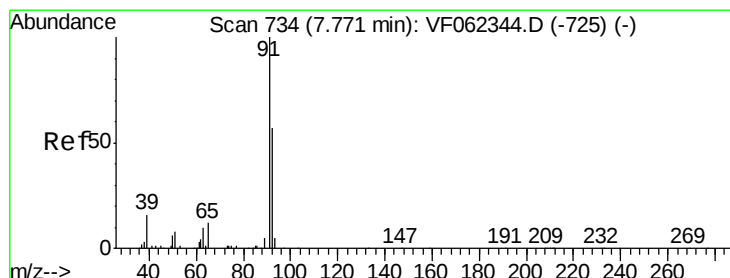
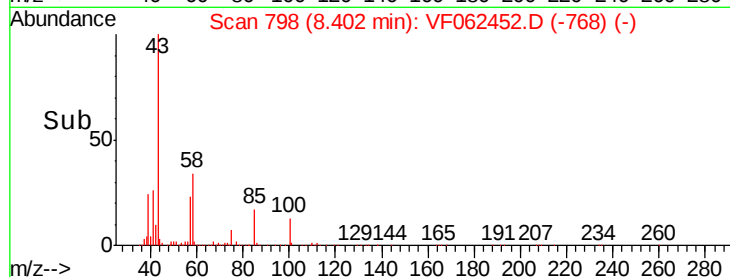
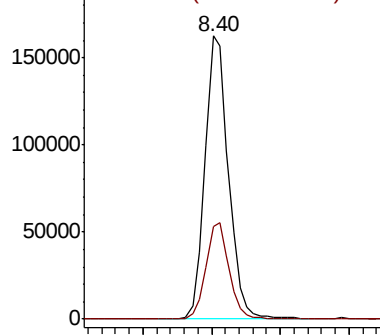
Ion Ratio Lower Upper

43 100

58 33.5 27.8 41.6



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



#52

Toluene

Concen: 56.380 ug/l

RT: 7.78 min Scan# 735

Delta R.T. 0.01 min

Lab File: VF062452.D

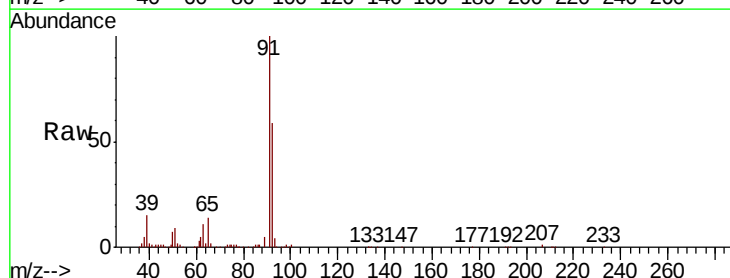
Acq: 11 May 2019 10:42

Tgt Ion: 92 Resp: 296404

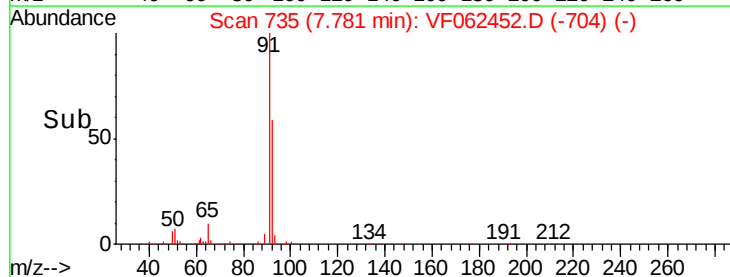
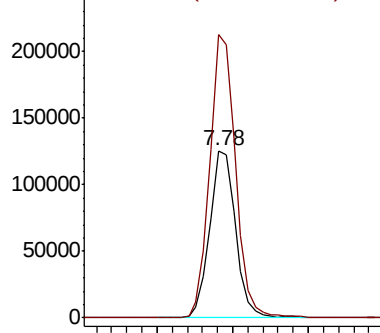
Ion Ratio Lower Upper

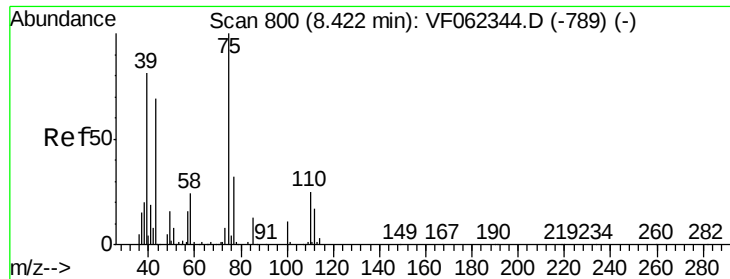
92 100

91 169.2 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VF0
Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 58.378 ug/l

RT: 8.43 min Scan# 801

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

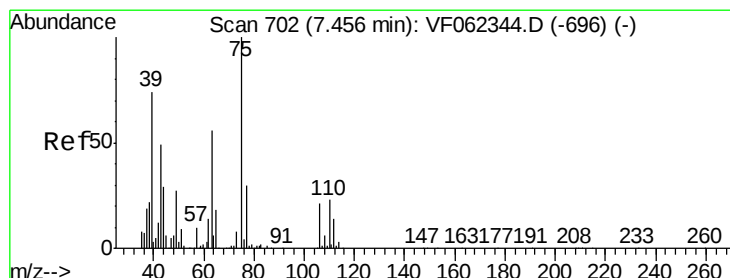
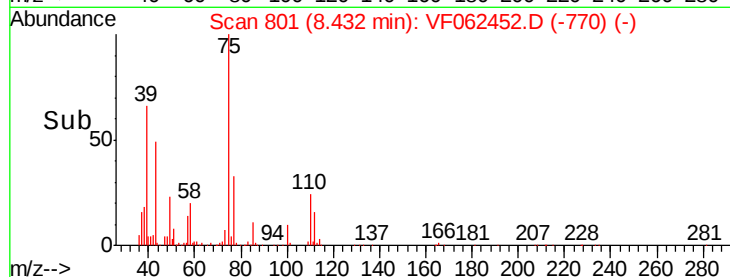
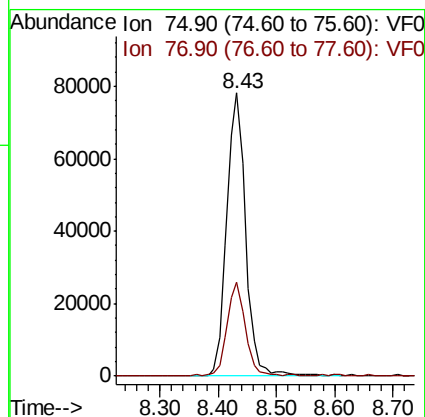
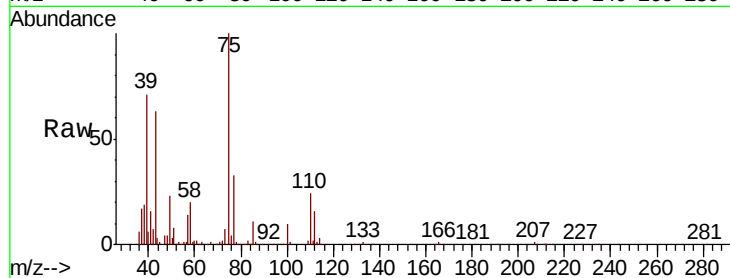
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 75 Resp: 176668

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 59.515 ug/l

RT: 7.47 min Scan# 703

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

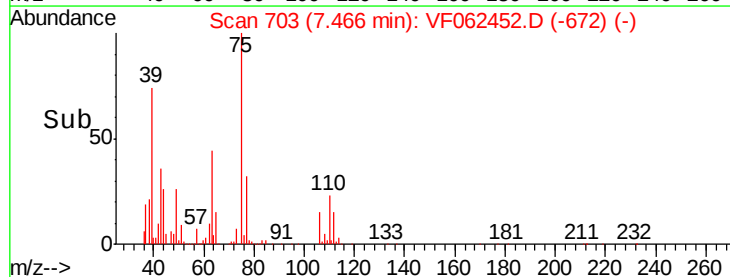
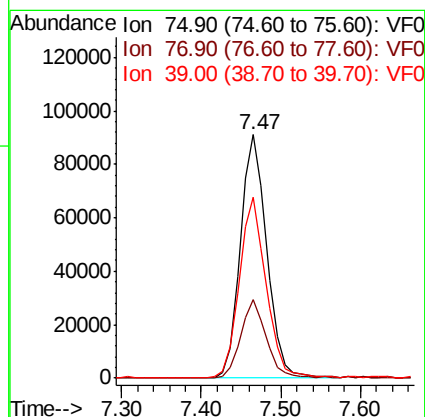
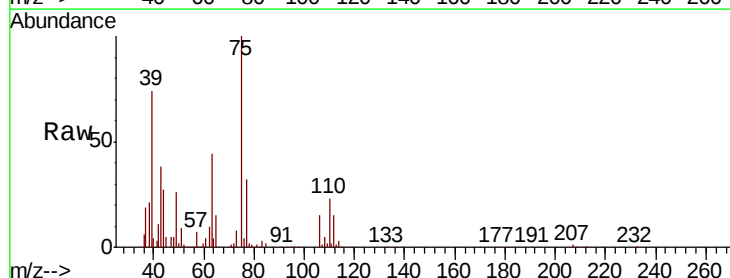
Tgt Ion: 75 Resp: 209616

Ion Ratio Lower Upper

75 100

77 31.9 24.0 36.0

39 74.0 58.7 88.1





#55

1,1,2-Trichloroethane

Concen: 56.885 ug/l

RT: 8.64 min Scan# 822

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 97 Resp: 94936

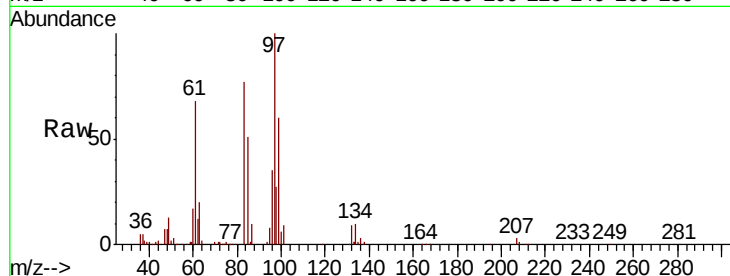
Ion Ratio Lower Upper

97 100

83 76.1 68.5 102.7

85 50.8 45.4 68.2

99 60.1 52.7 79.1



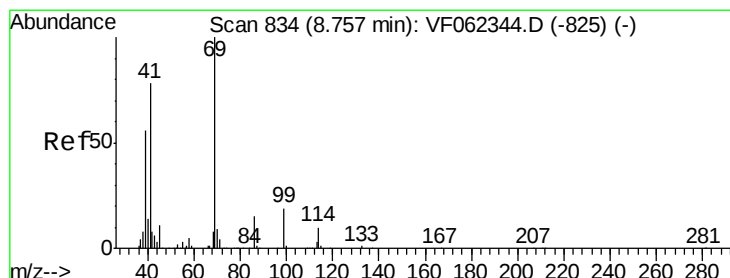
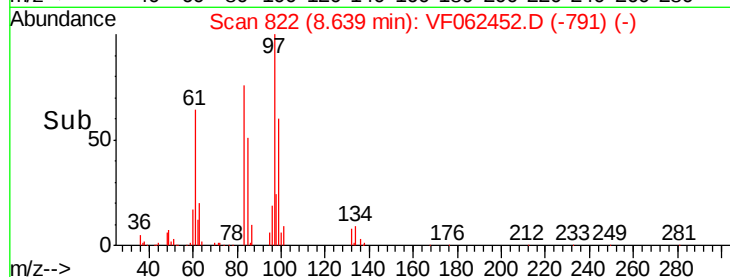
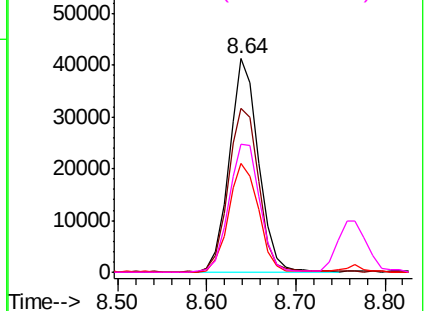
Abundance

Ion 96.90 (96.60 to 97.60): VF0

Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



#56

Ethyl methacrylate

Concen: 49.352 ug/l

RT: 8.76 min Scan# 834

Delta R.T. 0.00 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

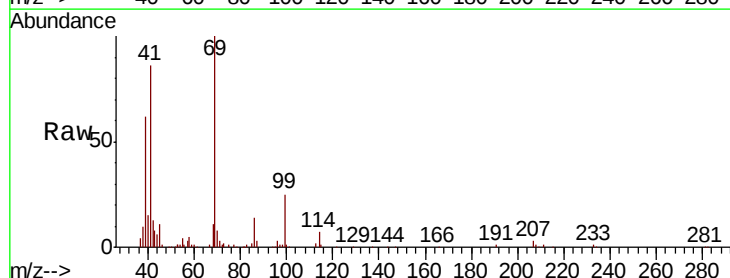
Tgt Ion: 69 Resp: 86944

Ion Ratio Lower Upper

69 100

41 86.2 66.3 99.5

39 61.1 50.1 75.1

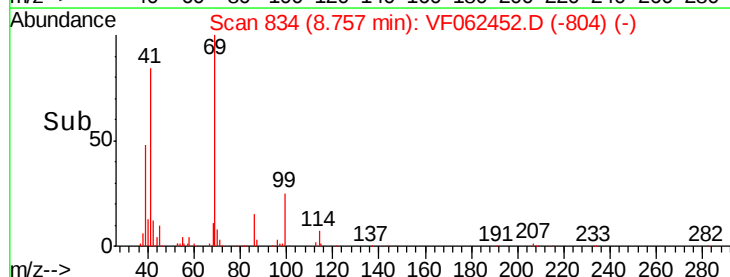
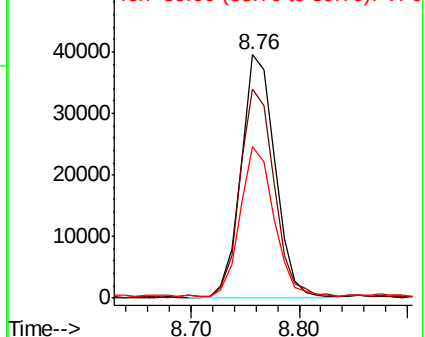


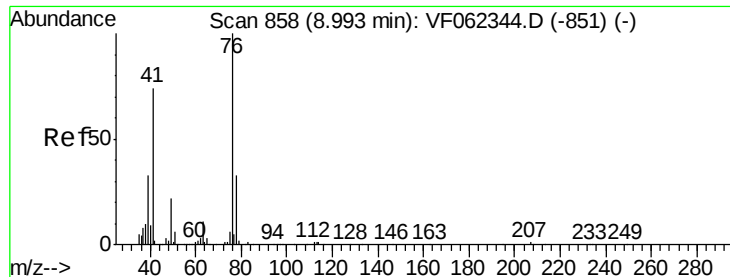
Abundance

Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 56.426 ug/l

RT: 9.00 min Scan# 859

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

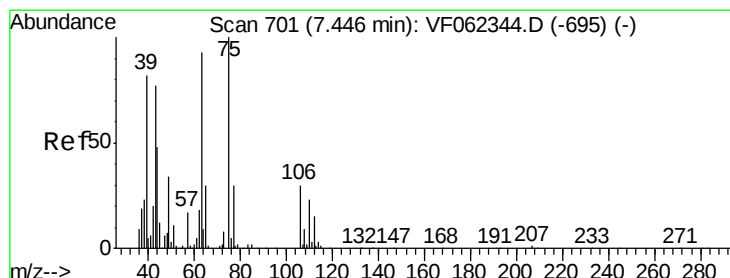
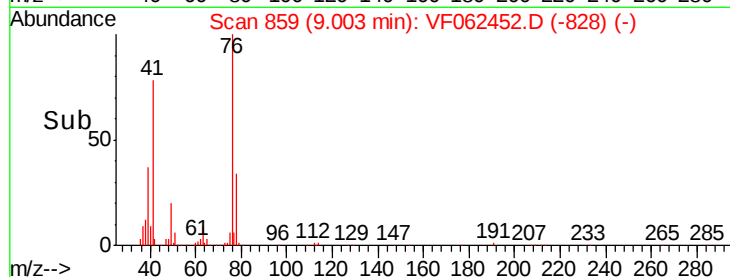
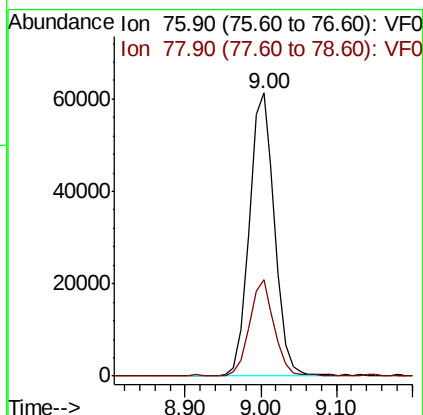
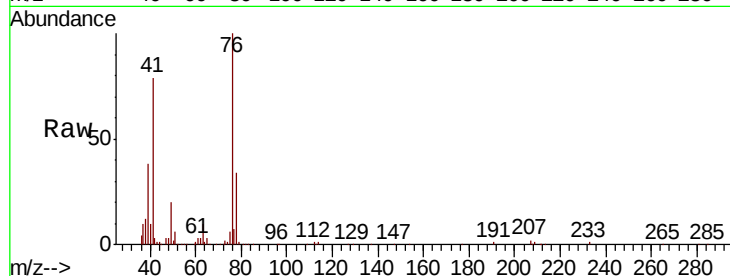
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 76 Resp: 142245

Ion Ratio Lower Upper

76 100

78 33.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 213.721 ug/l

RT: 7.46 min Scan# 702

Delta R.T. 0.01 min

Lab File: VF062452.D

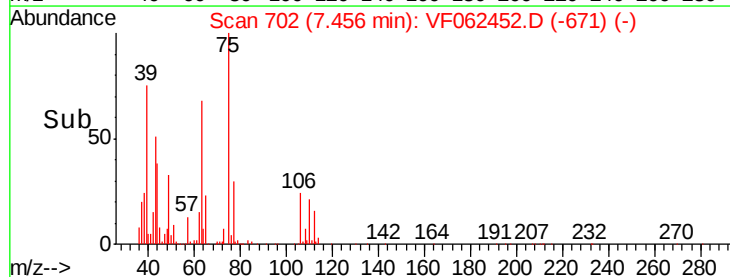
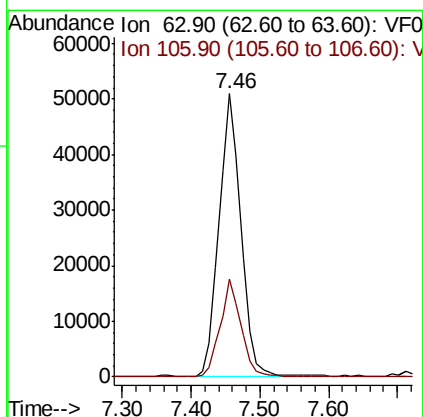
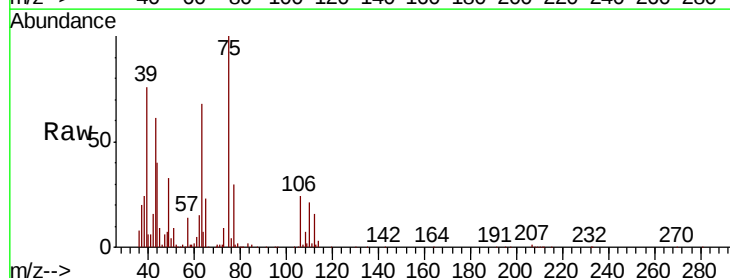
Acq: 11 May 2019 10:42

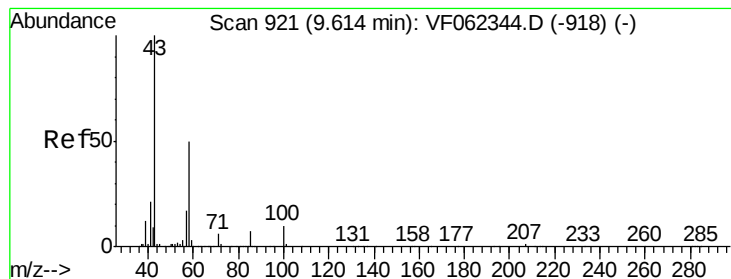
Tgt Ion: 63 Resp: 113197

Ion Ratio Lower Upper

63 100

106 32.8 25.8 38.8





#59

2-Hexanone

Concen: 288.618 ug/l

RT: 9.62 min Scan# 922

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :

MSVOA_F

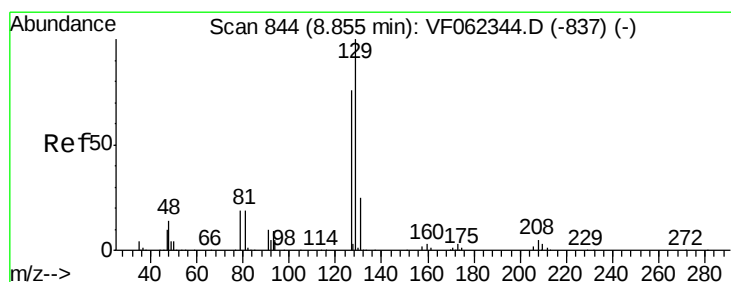
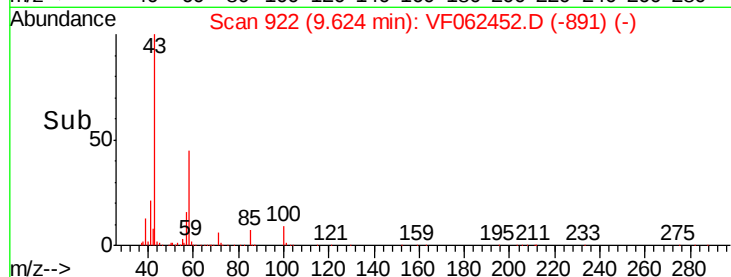
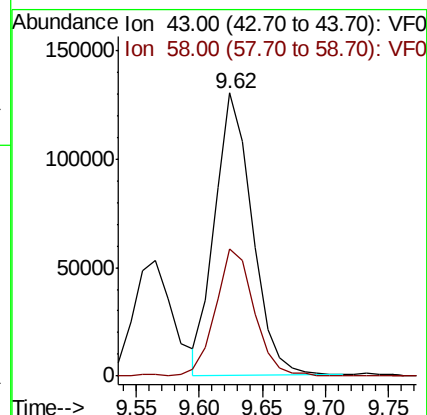
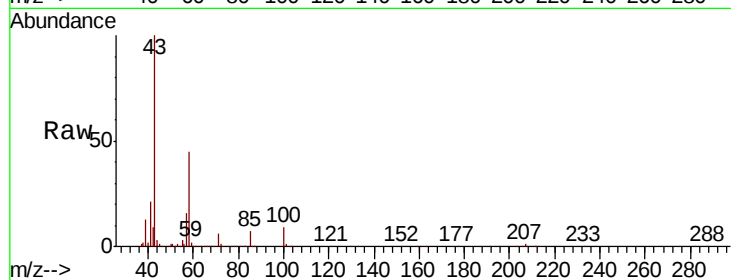
ClientSampleId :

Tot Ion: 43 Resp: 266242

Ion Ratio Lower Upper

43 100

58 47.4 24.3 73.0



#60

Dibromochloromethane

Concen: 57.881 ug/l

RT: 8.87 min Scan# 845

Delta R.T. 0.01 min

Lab File: VF062452.D

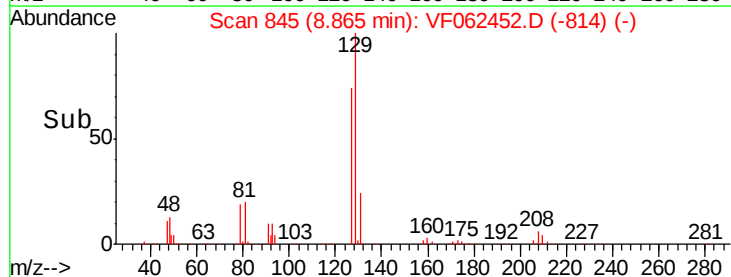
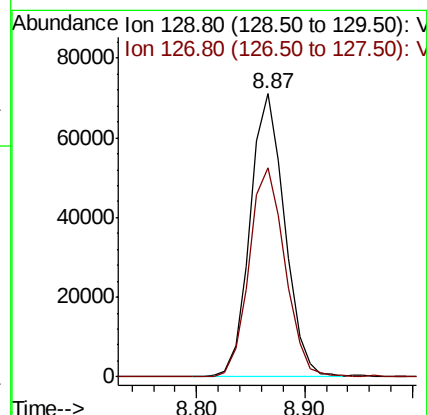
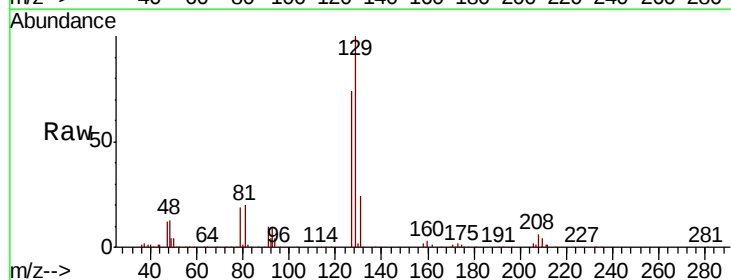
Acq: 11 May 2019 10:42

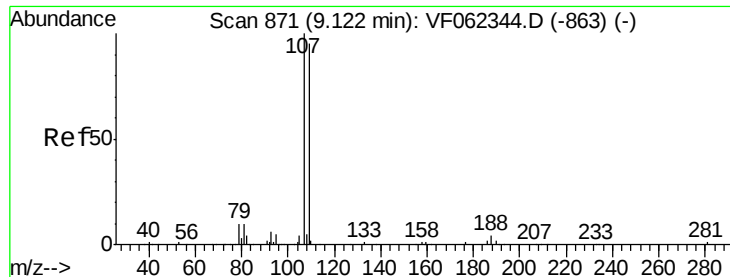
Tgt Ion: 129 Resp: 157990

Ion Ratio Lower Upper

129 100

127 76.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.528 ug/l

RT: 9.13 min Scan# 872

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :

MSVOA_F

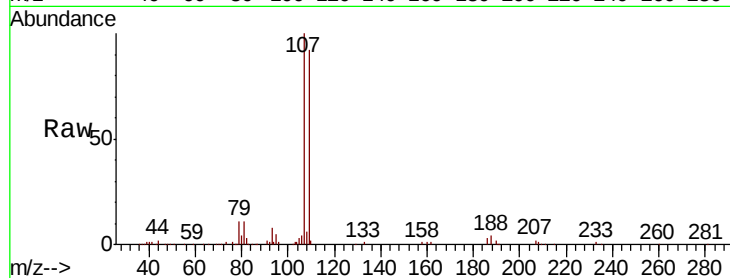
ClientSampled :

Tot Ion:107 Resp: 106957

Ion Ratio Lower Upper

107 100

109 97.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.13

50000

40000

30000

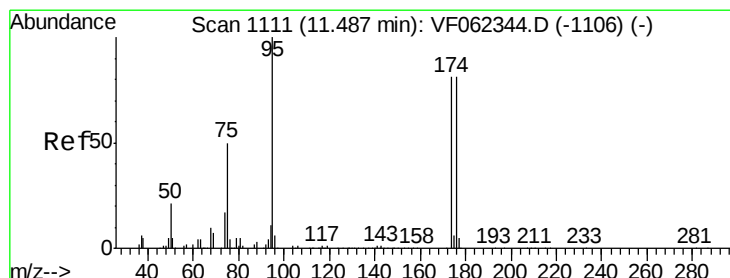
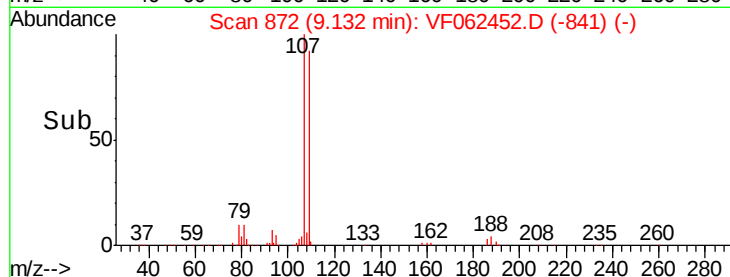
20000

10000

0

Time-->

9.00 9.10 9.20 9.30



#62

4-Bromofluorobenzene

Concen: 53.707 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

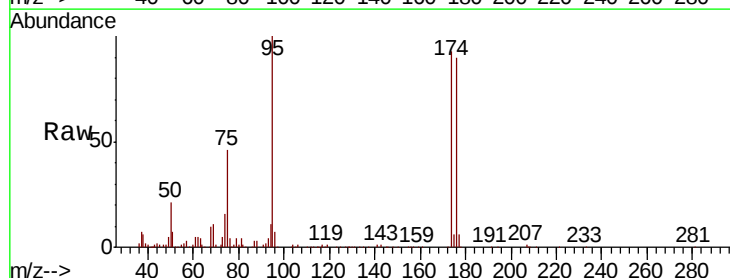
Tgt Ion: 95 Resp: 210511

Ion Ratio Lower Upper

95 100

174 95.5 0.0 191.8

176 95.8 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.50

150000

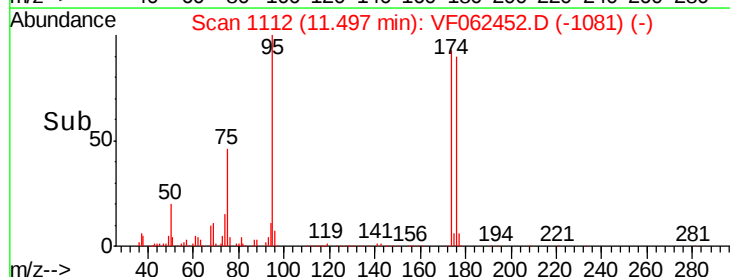
100000

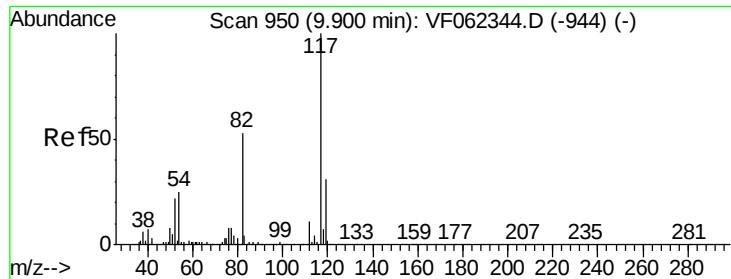
50000

0

Time-->

11.40 11.50 11.60 11.70

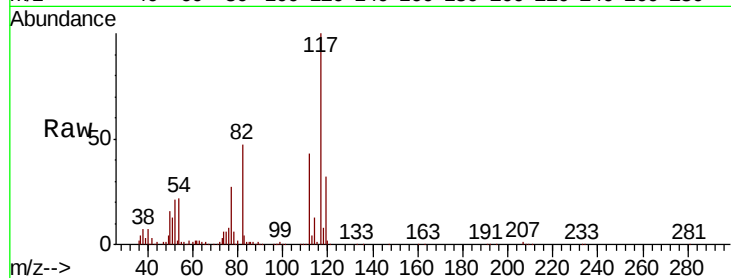




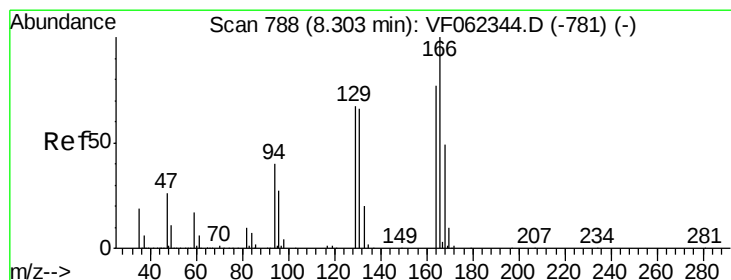
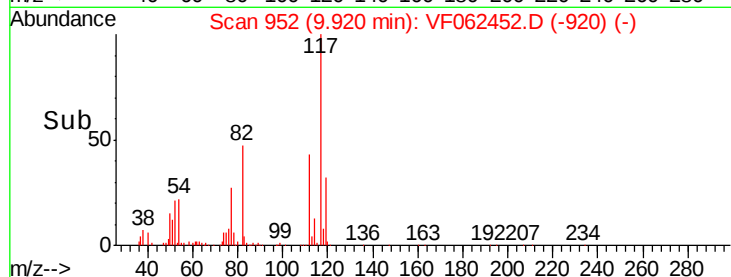
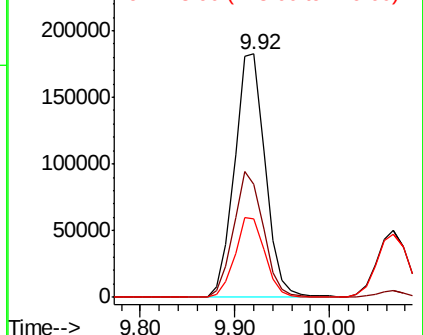
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:117 Resp: 410972
Ion Ratio Lower Upper
117 100
82 46.6 42.2 63.2
119 32.4 25.0 37.4

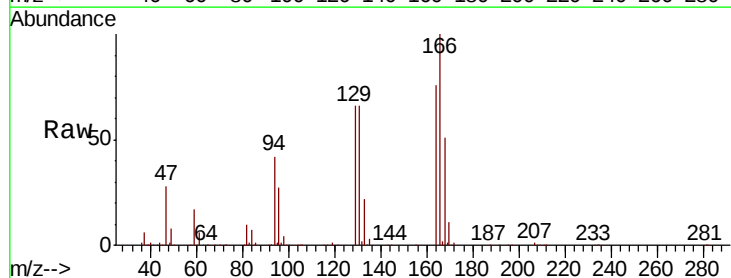


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

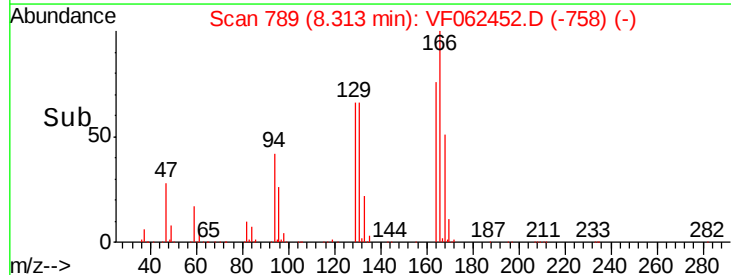
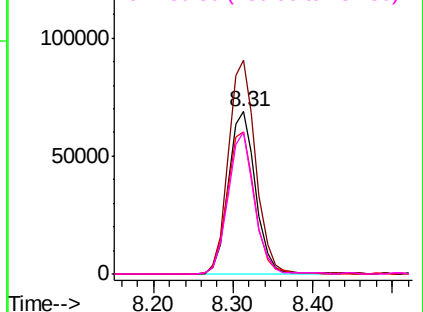


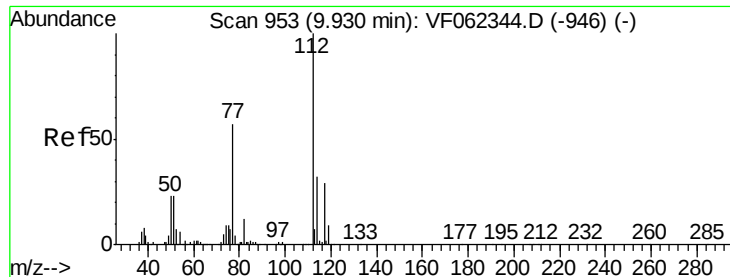
#64
Tetrachloroethene
Concen: 49.089 ug/l
RT: 8.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

Tgt Ion:164 Resp: 163781
Ion Ratio Lower Upper
164 100
166 131.7 104.2 156.4
129 87.5 69.6 104.4
131 87.4 68.8 103.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

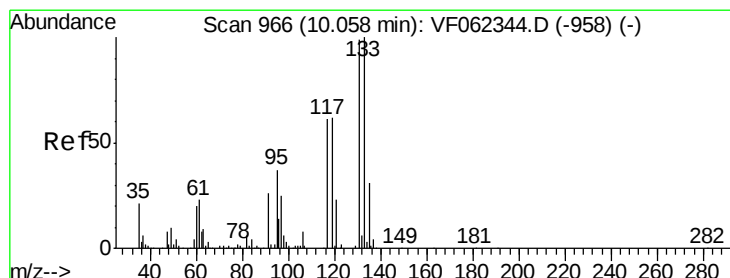
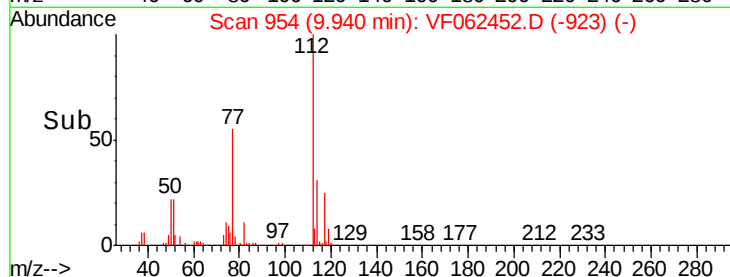
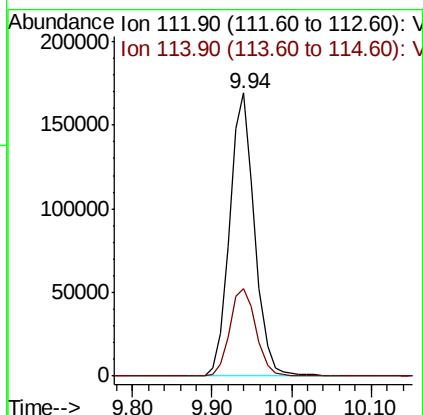
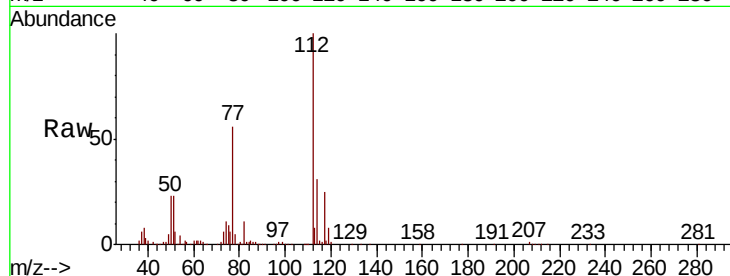




#65
Chlorobenzene
Concen: 54.387 ug/l
RT: 9.94 min Scan# 954
Delta R.T. 0.01 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

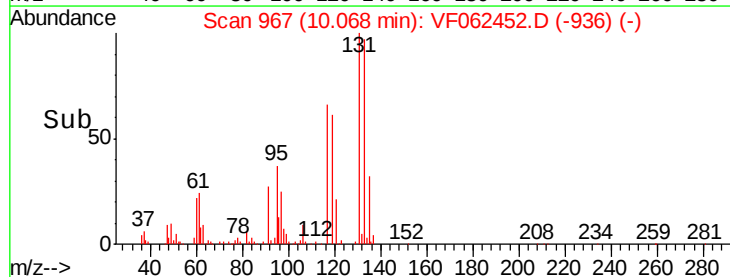
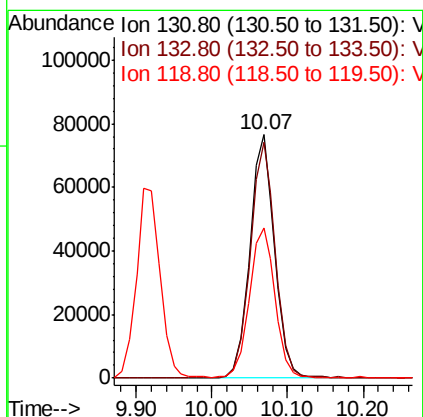
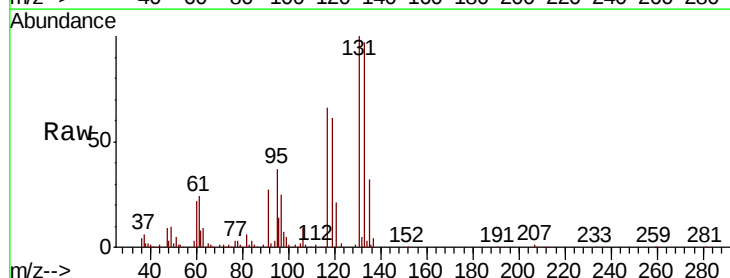
Instrument :
MSVOA_F
ClientSampleId :

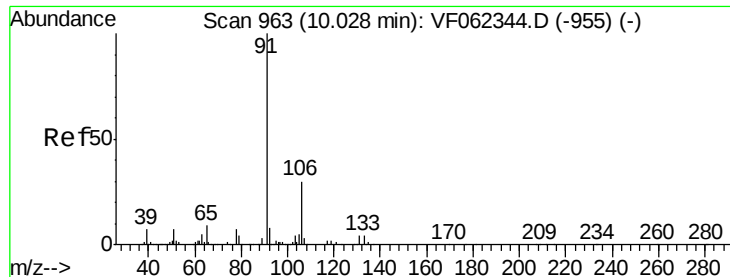
Tot Ion:112 Resp: 369822
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.525 ug/l
RT: 10.07 min Scan# 967
Delta R.T. 0.01 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

Tgt Ion:131 Resp: 173314
Ion Ratio Lower Upper
131 100
133 98.9 50.2 150.7
119 64.7 31.6 95.0





#67

Ethyl Benzene

Concen: 52.564 ug/l

RT: 10.04 min Scan# 964

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :

MSVOA_F

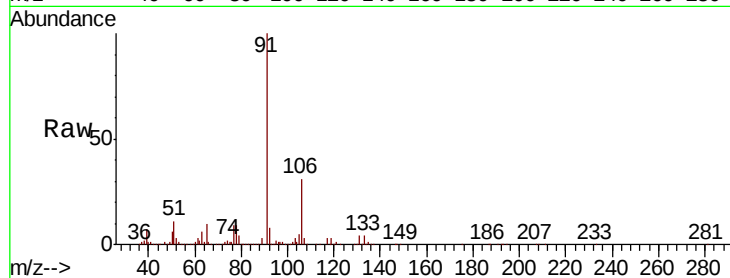
ClientSampleId :

Tot Ion: 91 Resp: 625879

Ion Ratio Lower Upper

91 100

106 30.8 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

500000

400000

300000

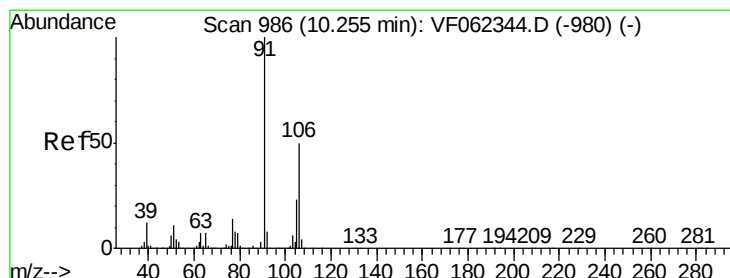
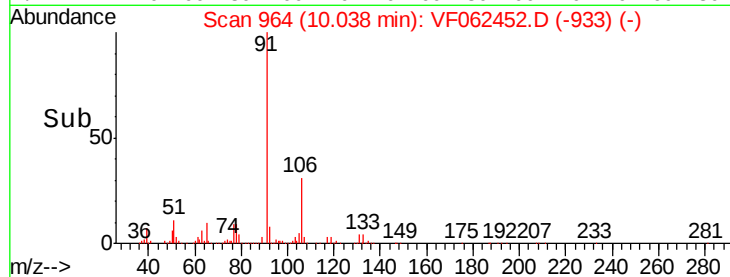
200000

100000

0

9.90 10.00 10.10 10.20

Time-->



#68

m/p-Xylenes

Concen: 101.054 ug/l

RT: 10.27 min Scan# 987

Delta R.T. 0.01 min

Lab File: VF062452.D

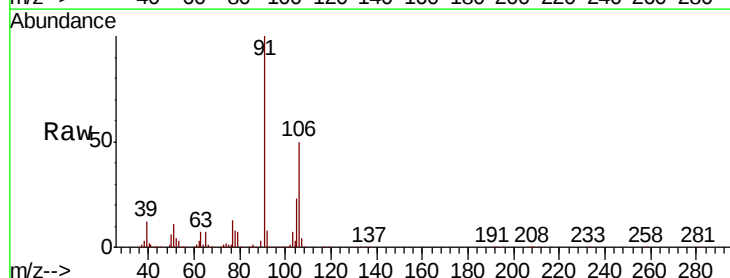
Acq: 11 May 2019 10:42

Tgt Ion: 106 Resp: 443956

Ion Ratio Lower Upper

106 100

91 205.6 167.4 251.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

500000

400000

300000

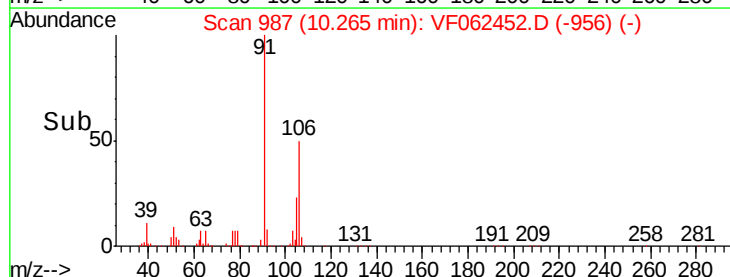
200000

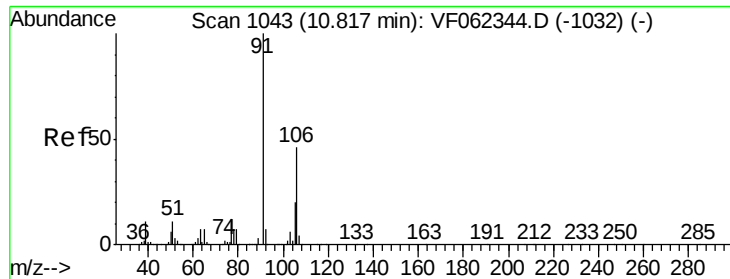
100000

0

10.20 10.30 10.40

Time-->

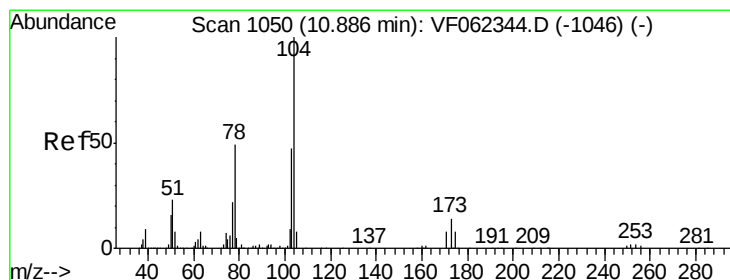
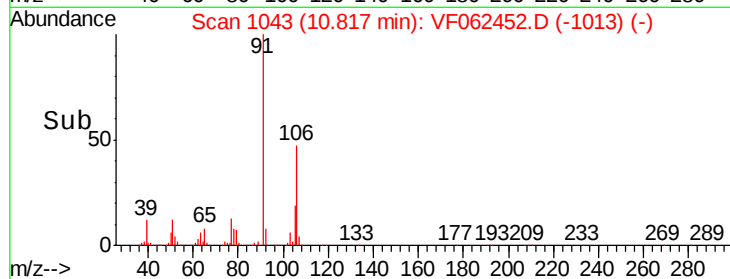
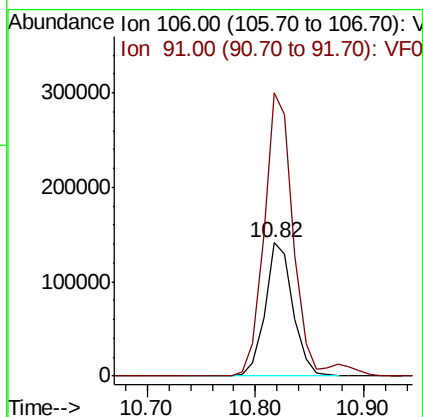
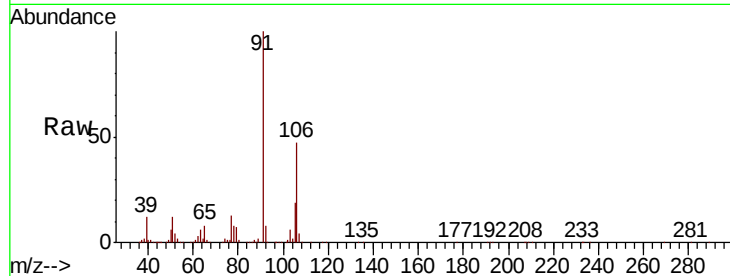




#69
o-Xylene
Concen: 53.973 ug/l
RT: 10.82 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

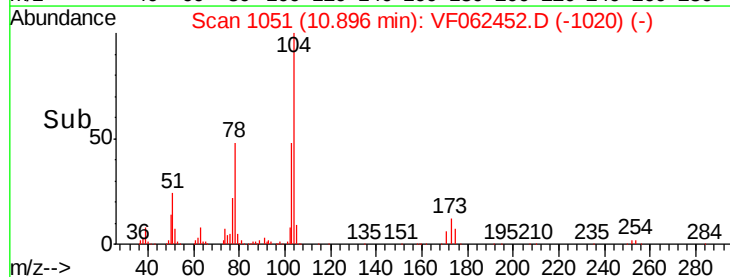
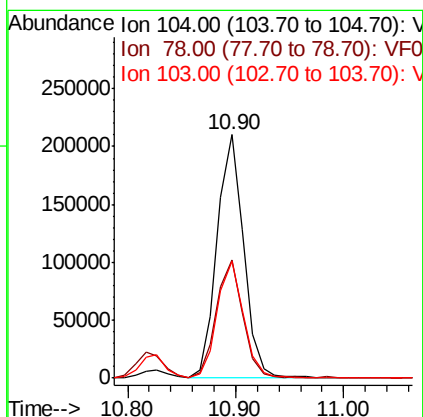
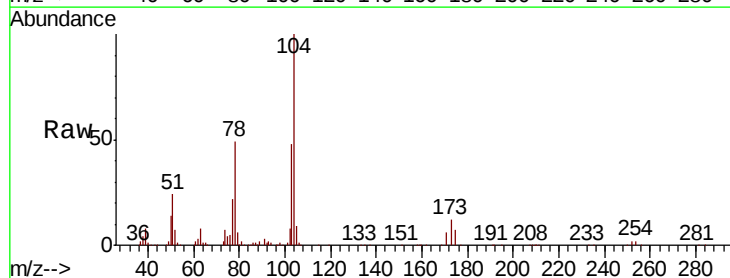
Instrument :
MSVOA_F
ClientSampled :

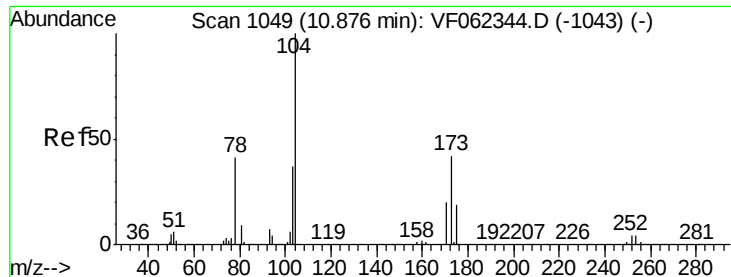
Tot Ion:106 Resp: 256222
Ion Ratio Lower Upper
106 100
91 217.6 111.3 333.8



#70
Styrene
Concen: 50.192 ug/l
RT: 10.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VF062452.D
Acq: 11 May 2019 10:42

Tgt Ion:104 Resp: 357103
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 47.7 38.4 57.6





#71

Bromoform

Concen: 50.530 ug/l

RT: 10.89 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VF062452.D

Acq: 11 May 2019 10:42

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:173 Resp: 94961

Ion Ratio Lower Upper

173 100

175 49.5 23.8 71.2

254 0.2 0.1 0.1#

