

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051519\
 Data File : VF062615.D
 Acq On : 15 May 2019 18:13
 Operator : FY/SY
 Sample : K2823-01RE
 Misc : 5.28g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: May 16 03:30:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:06:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	834	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.71	114	67	50.00	ug/l	-0.09
63) Chlorobenzene-d5	9.77	117	64	50.00	ug/l	-0.17
72) 1,4-Dichlorobenzene-d4	12.61	152	96	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	490	77.77	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	155.54%	
35) Dibromofluoromethane	4.28	113	373	748.00	ug/l	-0.06
Spiked Amount				50.000		
			Recovery	=	1496.00%	
50) Toluene-d8	7.65	98	119	101.27	ug/l	-0.09
Spiked Amount				50.000		
			Recovery	=	202.54%	
62) 4-Bromofluorobenzene	11.36	95	251	611.63	ug/l	-0.15
Spiked Amount				50.000		
			Recovery	=	1223.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.93	85	360	47.696	ug/l	96
3) Chloromethane	1.10	50	897	94.311	ug/l	97
4) Vinyl Chloride	1.25	62	360	38.031	ug/l	95
5) Bromomethane	1.50	94	535	Below Cal		97
6) Chloroethane	1.46	64	994	276.511	ug/l #	78
7) Trichlorofluoromethane	1.55	101	120	9.252	ug/l #	18
8) Diethyl Ether	1.72	74	180	61.912	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	1.95	101	76	8.591	ug/l #	1
10) Methyl Iodide	1.93	142	136	8.631	ug/l #	86
11) Tert butyl alcohol	2.67	59	509	1341.825	ug/l #	73
12) 1,1-Dichloroethene	1.91	96	731	96.457	ug/l #	6
13) Acrolein	2.23	56	230	914.887	ug/l	88
14) Allyl chloride	2.19	41	546	70.410	ug/l #	59
15) Acrylonitrile	2.98	53	961	708.209	ug/l	88
16) Acetone	2.30	43	1137	889.350	ug/l #	53
17) Carbon Disulfide	1.95	76	533	31.475	ug/l #	71
18) Methyl Acetate	2.58	43	677	280.159	ug/l	98
19) Methyl tert-butyl Ether	2.52	73	576	42.687	ug/l #	59
20) Methylene Chloride	2.29	84	105	10.768	ug/l #	67
21) trans-1,2-Dichloroethene	2.46	96	323	42.291	ug/l #	1
22) Diisopropyl ether	2.94	45	341	18.913	ug/l #	1
23) Vinyl Acetate	3.32	43	1221	123.809	ug/l #	75
24) 1,1-Dichloroethane	3.03	63	328	23.897	ug/l #	86
25) 2-Butanone	4.61	43	2308	798.532	ug/l	92
26) 2,2-Dichloropropane	3.67	77	515	69.524	ug/l	77
27) cis-1,2-Dichloroethene	3.63	96	1196	110.837	ug/l	9
28) Bromochloromethane	3.93	49	268	34.737	ug/l #	9
29) Tetrahydrofuran	4.24	42	742	606.657	ug/l #	74
30) Chloroform	4.04	83	223	13.540	ug/l	94
31) Cyclohexane	3.89	56	438	30.618	ug/l #	19
32) 1,1,1-Trichloroethane	4.28	97	452	40.716	ug/l #	52
36) 1,1-Dichloropropene	4.42	75	587	1012.506	ug/l #	43
37) Ethyl Acetate	4.25	43	794	3332.756	ug/l #	2
38) Carbon Tetrachloride	4.20	117	195	410.020	ug/l #	59

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 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:06:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	5.63	83	335	493.524	ug/l	92
40) Benzene	4.82	78	1069	648.138	ug/l #	14
41) Methacrylonitrile	4.90	41	1324	9813.809	ug/l #	66
42) 1,2-Dichloroethane	5.12	62	146	417.146	ug/l	71
43) Isopropyl Acetate	7.04	43	935	3316.549	ug/l #	39
44) Trichloroethene	5.60	130	105	235.732	ug/l	73
45) 1,2-Dichloropropane	6.36	63	347	835.834	ug/l	91
46) Dibromomethane	6.18	93	323	1391.598	ug/l #	36
47) Bromodichloromethane	6.46	83	147	294.607	ug/l #	81
48) Methyl methacrylate	6.65	41	1356	8787.258	ug/l	91
49) 1,4-Dioxane	6.78	88	219	107695.436	ug/l #	1
51) 4-Methyl-2-Pentanone	8.28	43	460	2226.837	ug/l #	34
52) Toluene	7.76	92	83	100.249	ug/l	86
53) t-1,3-Dichloropropene	8.32	75	273	692.552	ug/l #	18
54) cis-1,3-Dichloropropene	7.36	75	257	461.358	ug/l #	1
55) 1,1,2-Trichloroethane	8.52	97	141	568.787	ug/l #	35
56) Ethyl methacrylate	8.64	69	371	1365.496	ug/l #	76
57) 1,3-Dichloropropane	8.94	76	419	1024.076	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.36	63	89	1046.926	ug/l #	53
59) 2-Hexanone	9.49	43	409	2997.899	ug/l	74
60) Dibromochloromethane	8.72	129	70	222.249	ug/l	70
61) 1,2-Dibromoethane	8.86	107	85	341.875	ug/l	100
64) Tetrachloroethene	8.33	164	213	503.654	ug/l #	1
65) Chlorobenzene	9.93	112	164	147.396	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.18	131	95	207.872	ug/l	91
67) Ethyl Benzene	9.93	91	391	197.791	ug/l	97
68) m/p-Xylenes	10.21	106	79	112.749	ug/l	99
69) o-Xylene	10.86	106	151	205.437	ug/l	43
70) Styrene	10.87	104	140	125.351	ug/l #	1
71) Bromoform	10.89	173	71	329.954	ug/l #	29
73) Isopropylbenzene	11.21	105	69	10.690	ug/l #	48
74) N-amyl acetate	11.46	43	466	297.328	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	11.77	83	376	284.342	ug/l #	69
76) 1,2,3-Trichloropropane	11.74	75	226	266.591	ug/l	94
77) Bromobenzene	11.74	156	68	46.618	ug/l	65
78) n-propylbenzene	11.69	91	268	34.907	ug/l #	52
79) 2-Chlorotoluene	11.81	91	120	28.321	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.99	105	118	23.354	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.93	75	215	595.021	ug/l #	27
82) 4-Chlorotoluene	11.95	91	411	99.204	ug/l #	40
83) tert-Butylbenzene	12.21	119	186	35.192	ug/l #	78
84) 1,2,4-Trimethylbenzene	12.29	105	330	66.489	ug/l	95
85) sec-Butylbenzene	12.37	105	186	25.921	ug/l #	59
86) p-Isopropyltoluene	12.53	119	481	81.434	ug/l #	51
87) 1,3-Dichlorobenzene	12.54	146	66	23.134	ug/l #	23
88) 1,4-Dichlorobenzene	12.65	146	308	115.084	ug/l #	23
89) n-Butylbenzene	12.90	91	387	64.366	ug/l #	76
90) Hexachloroethane	13.00	117	141	93.192	ug/l #	51
91) 1,2-Dichlorobenzene	13.02	146	151	59.660	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.69	75	380	2339.467	ug/l #	1

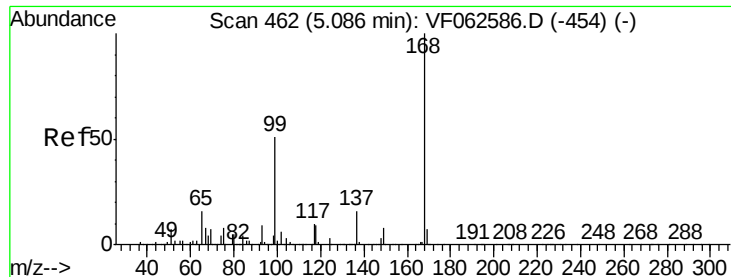
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051519\
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Quant Title : SW846 8260
QLast Update : Wed May 15 05:06:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	70	39.772	ug/l #	54
94) Hexachlorobutadiene	14.30	225	64	50.058	ug/l #	38
95) Naphthalene	14.53	128	99	34.559	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.65	180	161	98.605	ug/l #	12

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

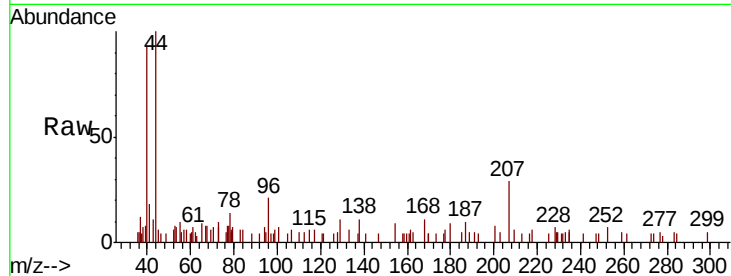


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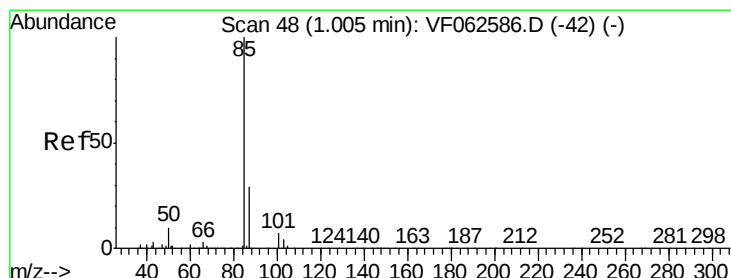
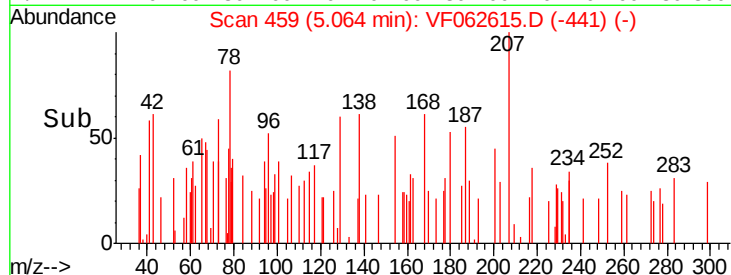
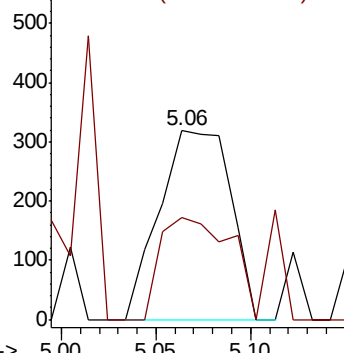
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.06 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

Instrument :
 MSVOA_F
 ClientSampled :

Tot Ion:168 Resp: 834
 Ion Ratio Lower Upper
 168 100
 99 54.4 41.0 61.6



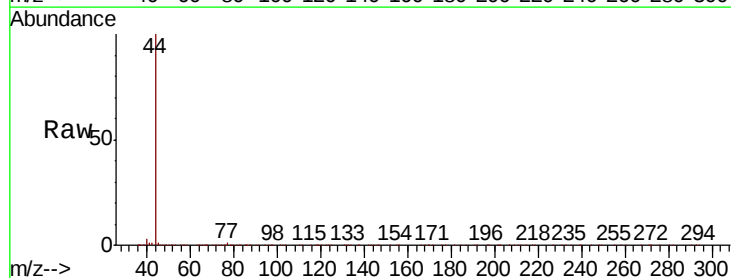
Abundance Ion 168.00 (167.70 to 168.70): VF0
 Ion 99.00 (98.70 to 99.70): VF0



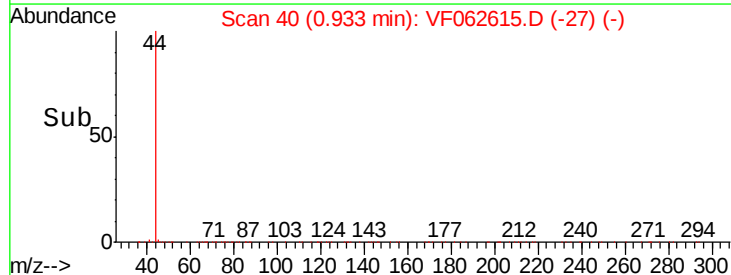
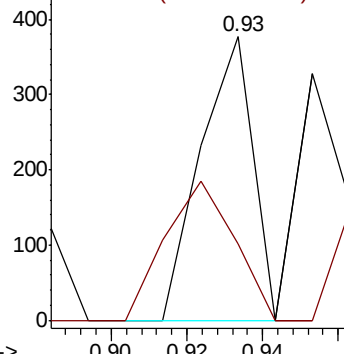
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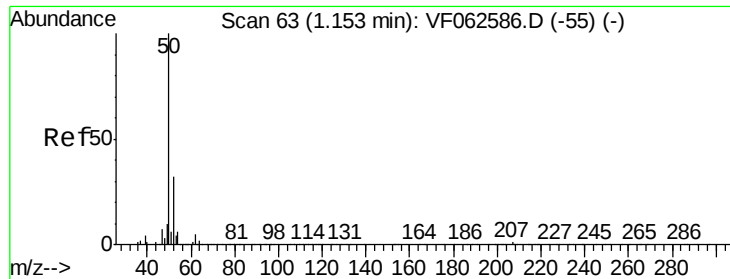
Dichlorodifluoromethane
 Concen: 47.696 ug/l
 RT: 0.93 min Scan# 40
 Delta R.T. -0.07 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

Tgt Ion: 85 Resp: 360
 Ion Ratio Lower Upper
 85 100
 87 26.8 14.6 43.8



Abundance Ion 85.00 (84.70 to 85.70): VF0
 Ion 87.00 (86.70 to 87.70): VF0

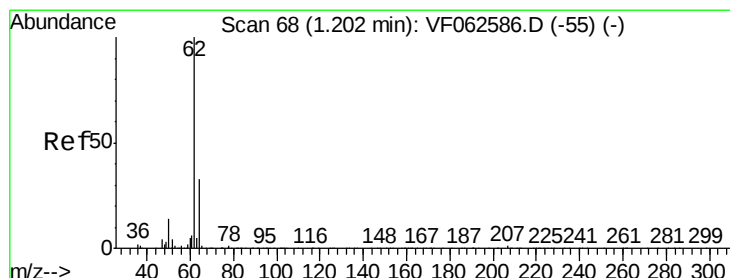
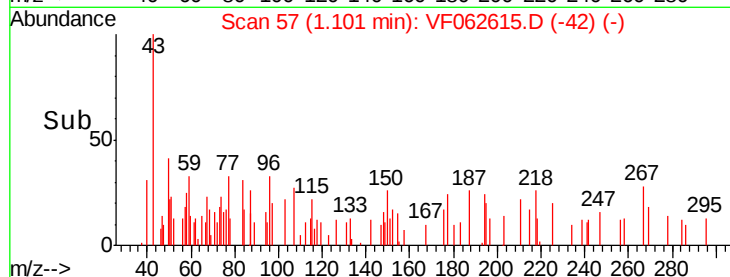
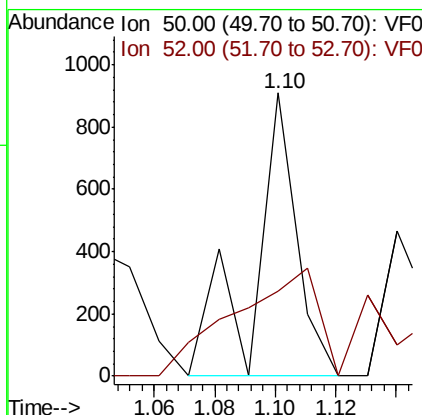
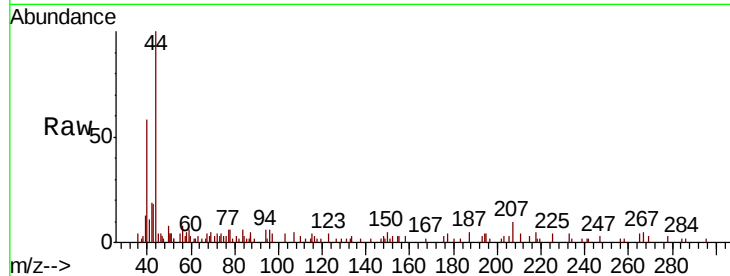




#3
Chloromethane
Concen: 94.311 ug/l
RT: 1.10 min Scan# 57
Delta R.T. -0.05 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

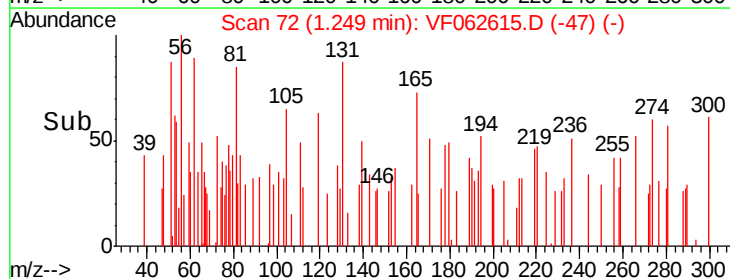
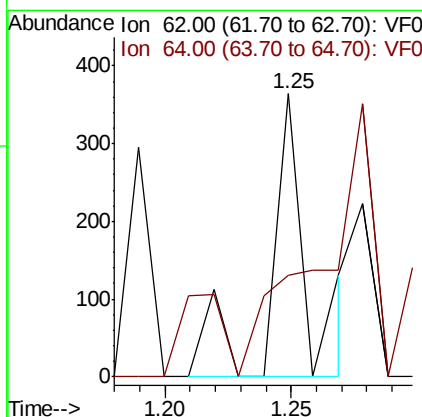
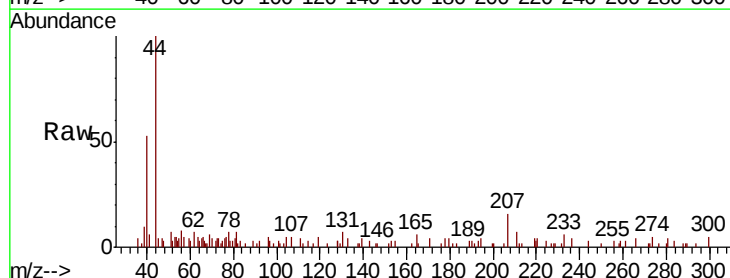
Instrument :
MSVOA_F
ClientSampled :

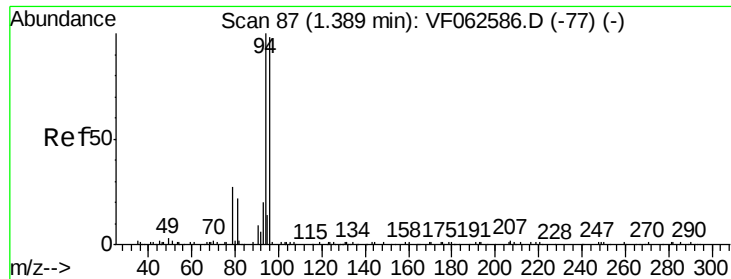
Tot Ion: 50 Resp: 897
Ion Ratio Lower Upper
50 100
52 29.9 25.3 37.9



#4
Vinyl Chloride
Concen: 38.031 ug/l
RT: 1.25 min Scan# 72
Delta R.T. 0.05 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

Tgt Ion: 62 Resp: 360
Ion Ratio Lower Upper
62 100
64 36.0 26.5 39.7





#5

Bromomethane

Concen: Below Cal

RT: 1.50 min Scan# 97

Delta R.T. 0.11 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

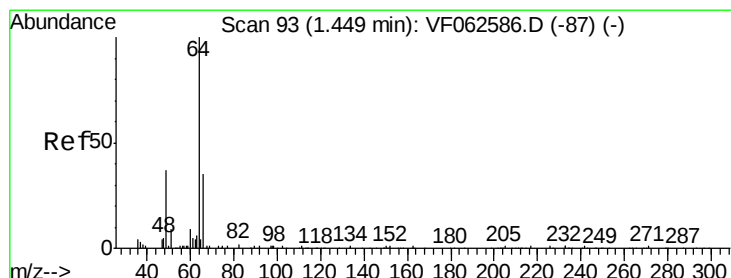
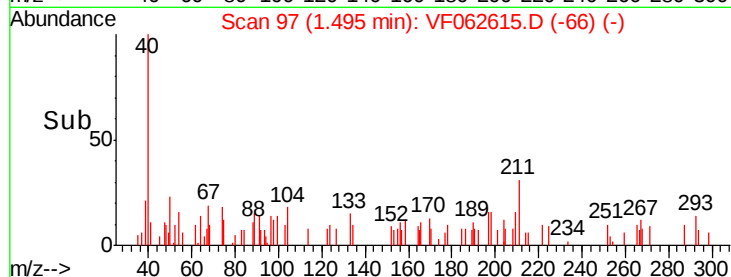
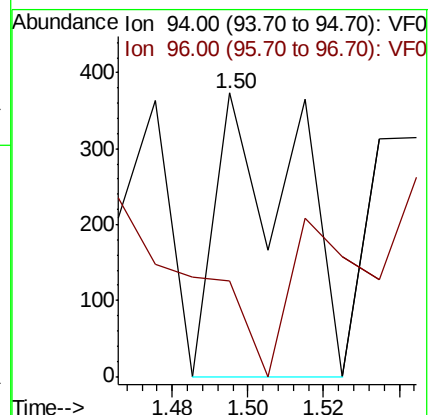
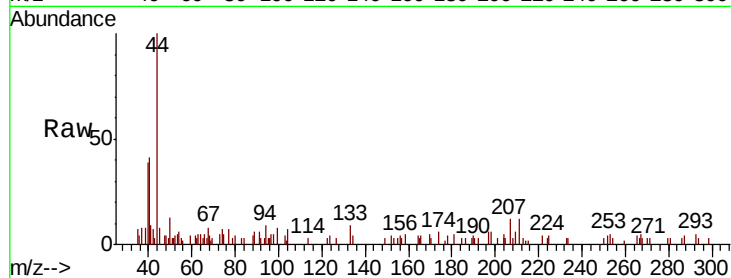
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 94 Resp: 535

Ion Ratio Lower Upper

94 100

96 95.7 79.3 118.9



#6

Chloroethane

Concen: 276.511 ug/l

RT: 1.46 min Scan# 93

Delta R.T. 0.01 min

Lab File: VF062615.D

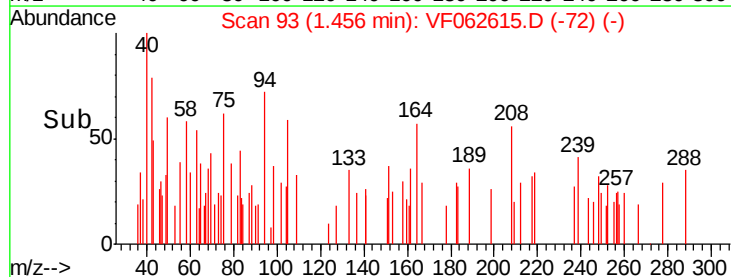
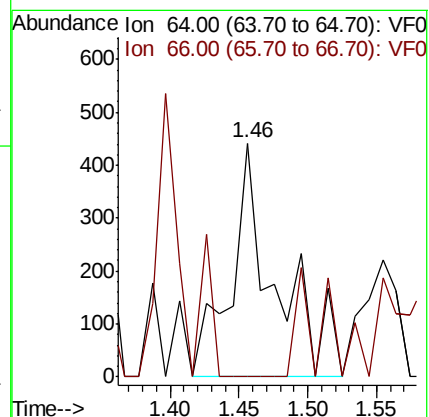
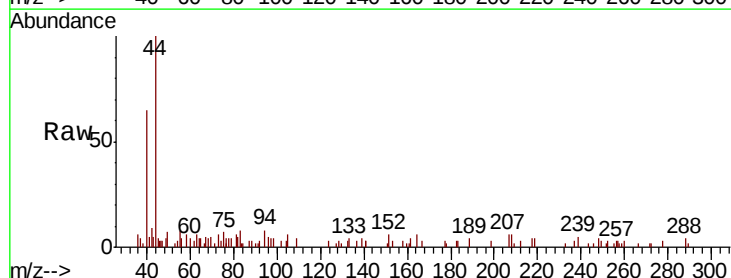
Acq: 15 May 2019 18:13

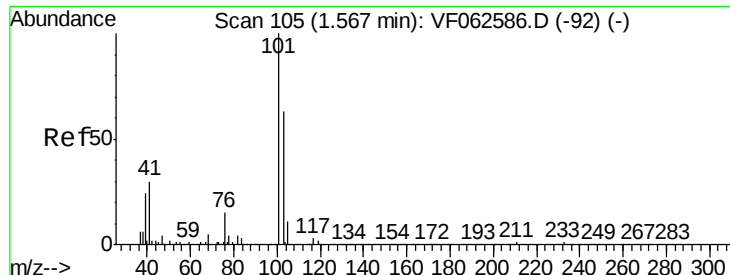
Tgt Ion: 64 Resp: 994

Ion Ratio Lower Upper

64 100

66 23.1 28.9 43.3#



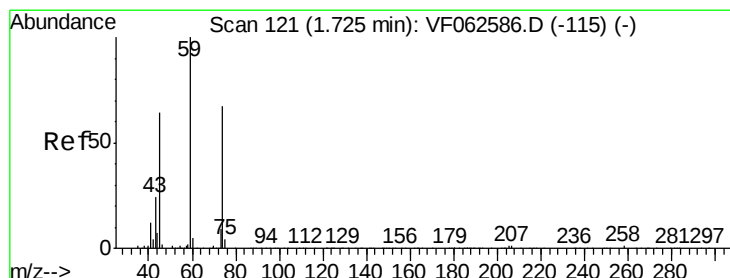
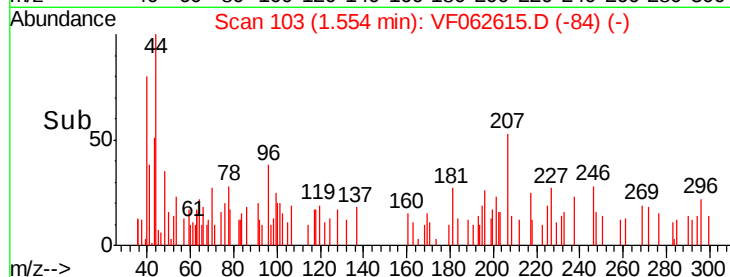
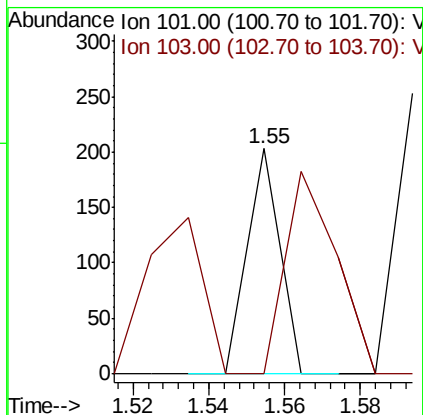
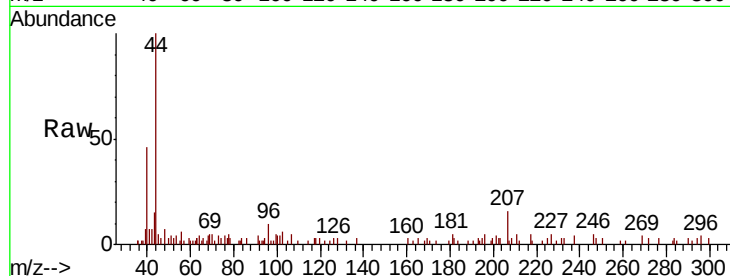


#7

Trichlorofluoromethane
Concen: 9.252 ug/l
RT: 1.55 min Scan# 103
Delta R.T. -0.01 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

Instrument :
MSVOA_F
ClientSampled :

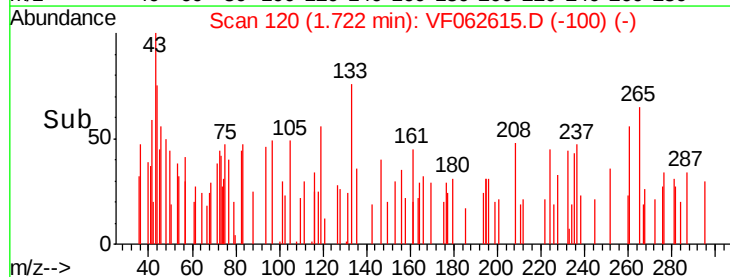
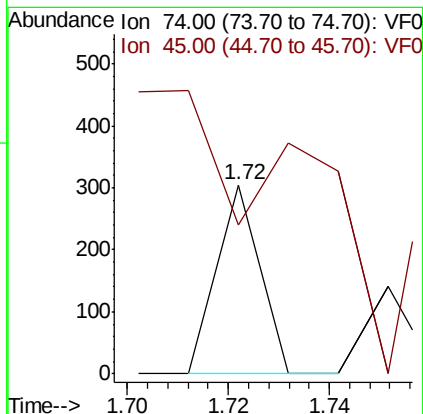
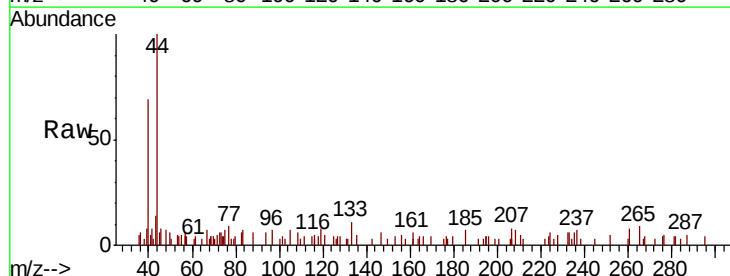
Tot Ion:101 Resp: 120
Ion Ratio Lower Upper
101 100
103 0.0 50.8 76.2#

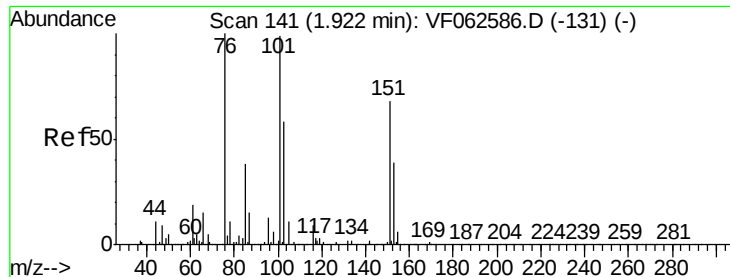


#8

Diethyl Ether
Concen: 61.912 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.00 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

Tgt Ion: 74 Resp: 180
Ion Ratio Lower Upper
74 100
45 79.0 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.591 ug/l

RT: 1.95 min Scan# 143

Delta R.T. 0.03 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Instrument :

MSVOA_F

ClientSampled :

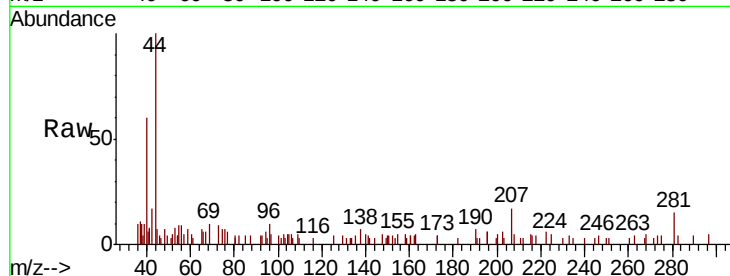
Tot Ion:101 Resp: 76

Ion Ratio Lower Upper

101 100

85 114.8 30.2 45.4#

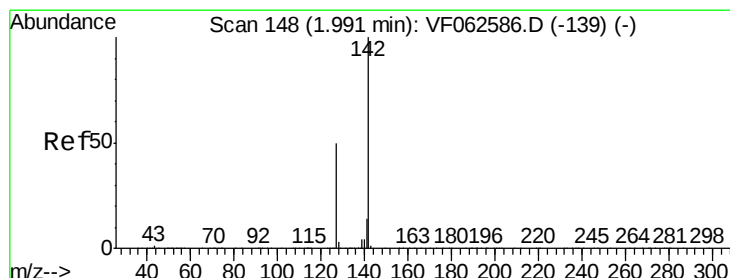
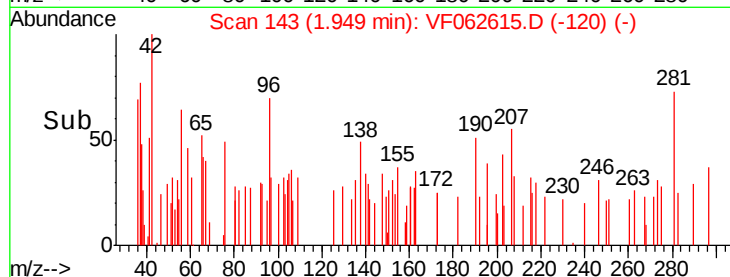
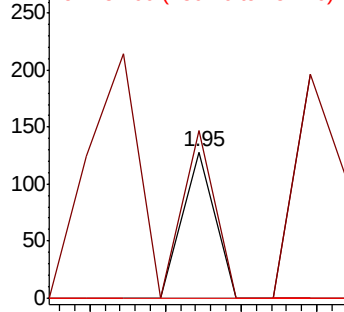
151 0.0 54.5 81.7#



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: 8.631 ug/l

RT: 1.93 min Scan# 141

Delta R.T. -0.06 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

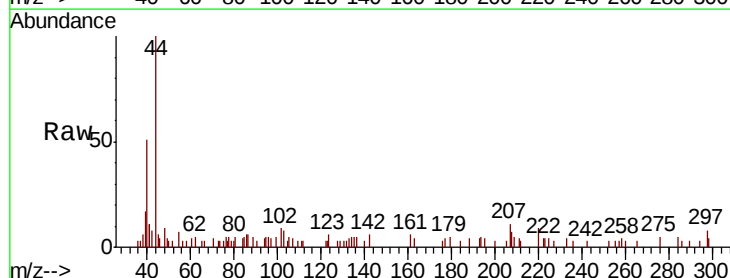
Tgt Ion:142 Resp: 136

Ion Ratio Lower Upper

142 100

127 44.8 40.2 60.4

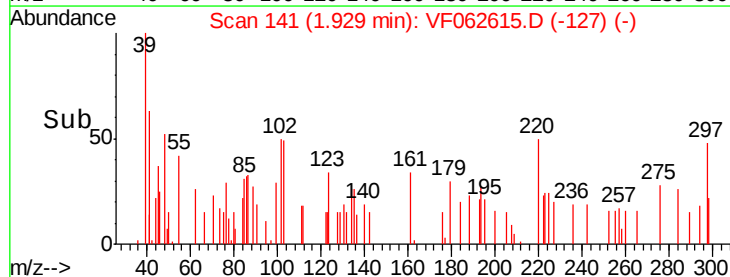
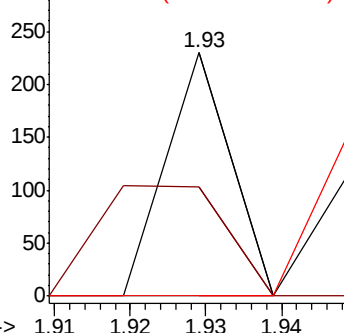
141 0.0 11.6 17.4#

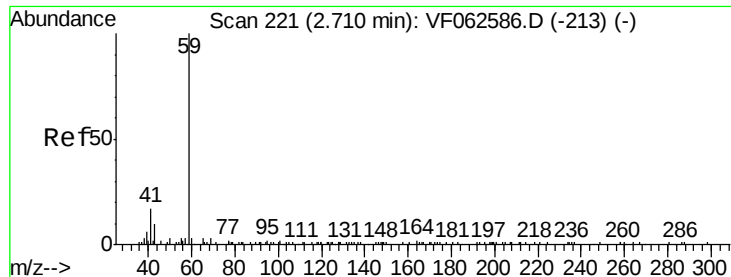


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



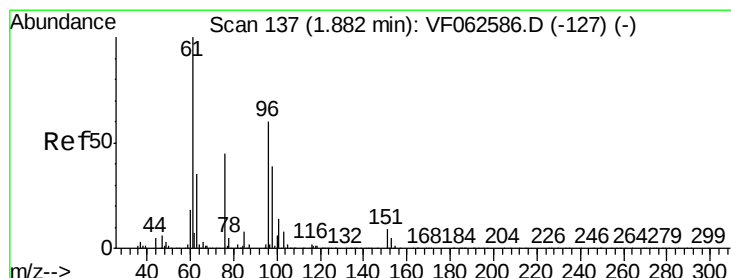
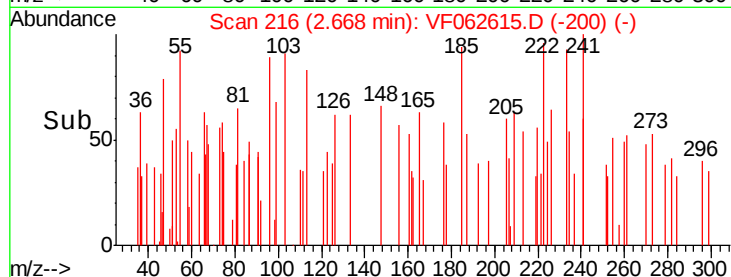
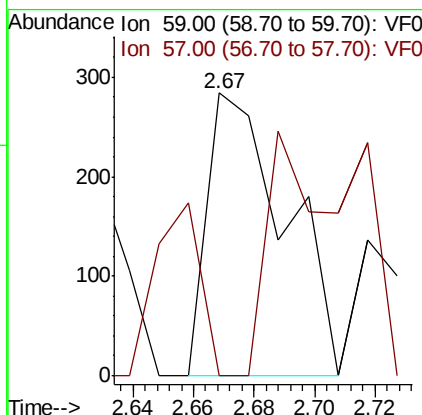
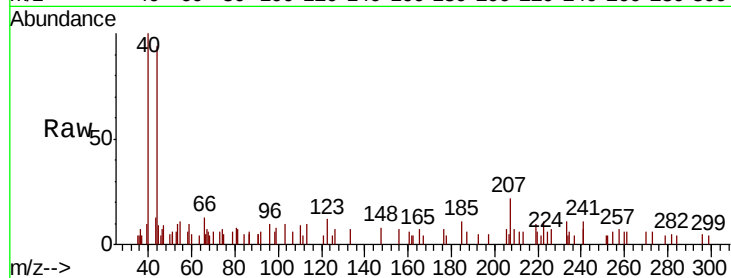


#11

Tert butyl alcohol
Concen: 1341.825 ug/l
RT: 2.67 min Scan# 216
Delta R.T. -0.04 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

Instrument :
MSVOA_F
ClientSampled :

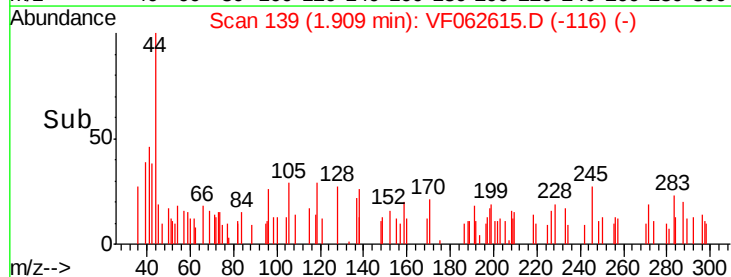
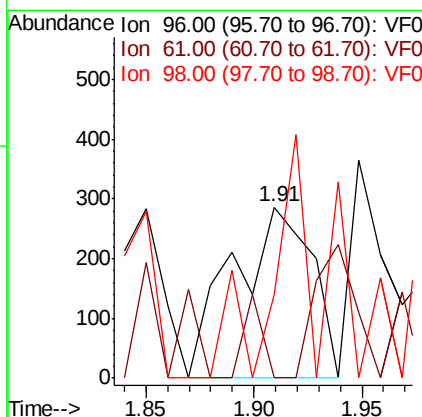
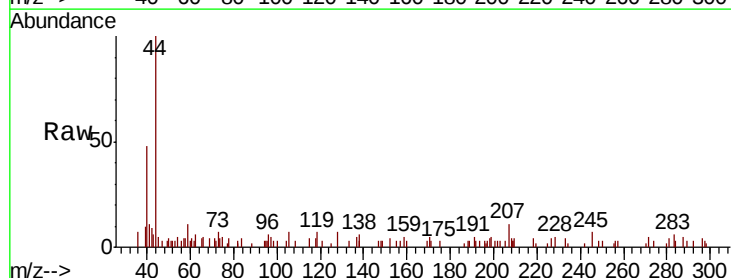
Tot Ion: 59 Resp: 509
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

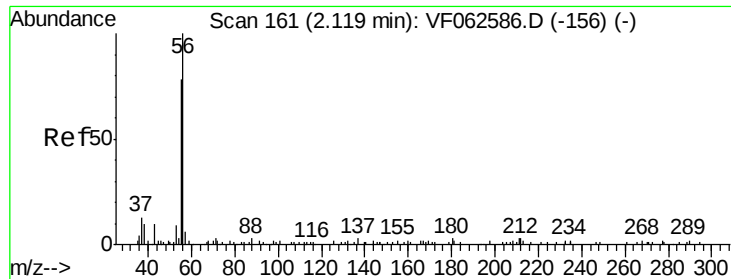


#12

1,1-Dichloroethene
Concen: 96.457 ug/l
RT: 1.91 min Scan# 139
Delta R.T. 0.03 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

Tgt Ion: 96 Resp: 731
Ion Ratio Lower Upper
96 100
61 0.0 132.0 198.0#
98 49.3 51.3 76.9#





#13

Acrolein

Concen: 914.887 ug/l

RT: 2.23 min Scan# 172

Delta R.T. 0.12 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

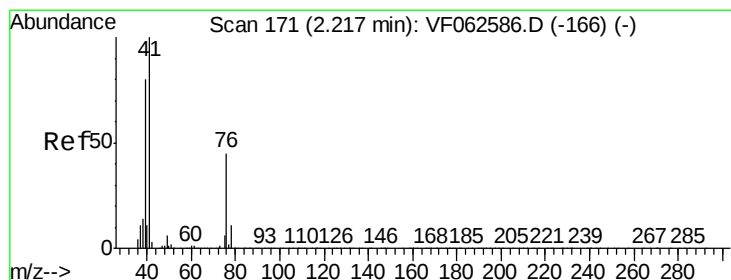
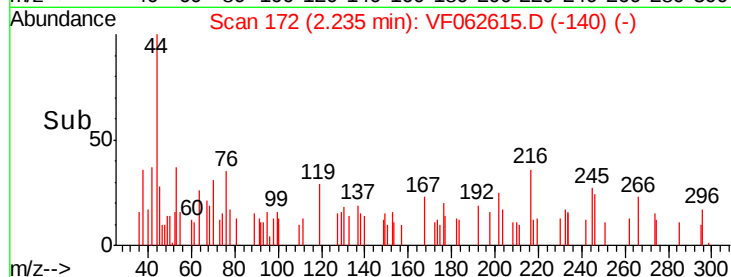
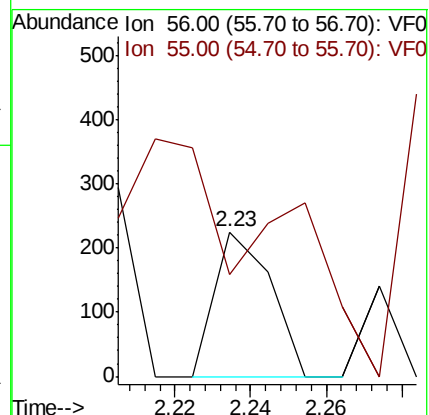
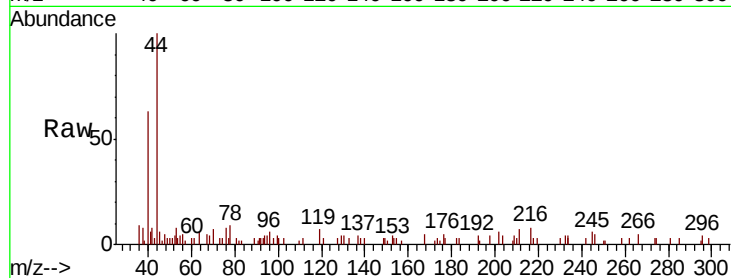
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 230

Ion Ratio Lower Upper

56 100

55 70.2 64.6 96.8



#14

Allyl chloride

Concen: 70.410 ug/l

RT: 2.19 min Scan# 167

Delta R.T. -0.03 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

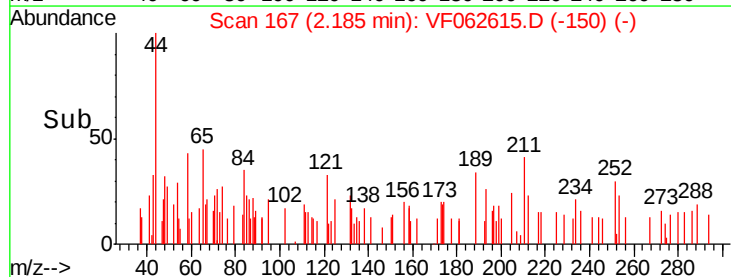
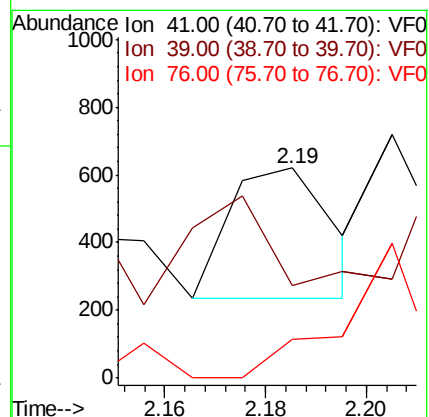
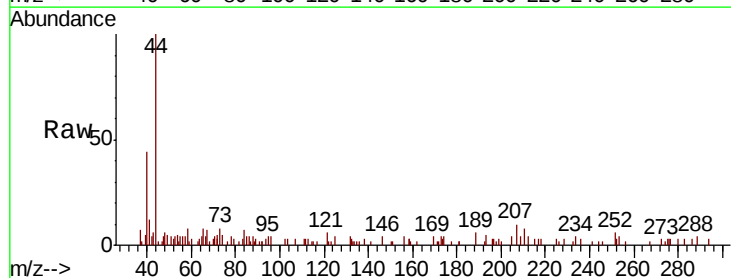
Tgt Ion: 41 Resp: 546

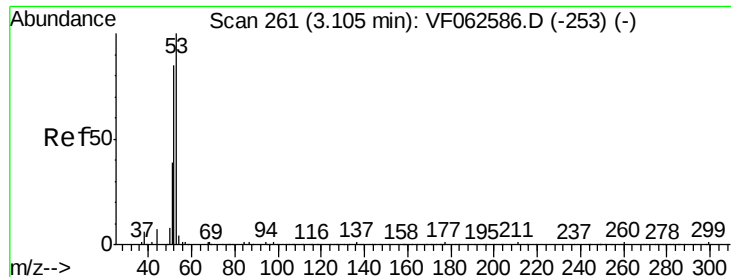
Ion Ratio Lower Upper

41 100

39 44.0 64.6 96.8#

76 18.5 36.1 54.1#





#15

Acrylonitrile

Concen: 708.209 ug/l

RT: 2.98 min Scan# 248

Delta R.T. -0.12 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Instrument :
MSVOA_F
ClientSampled :

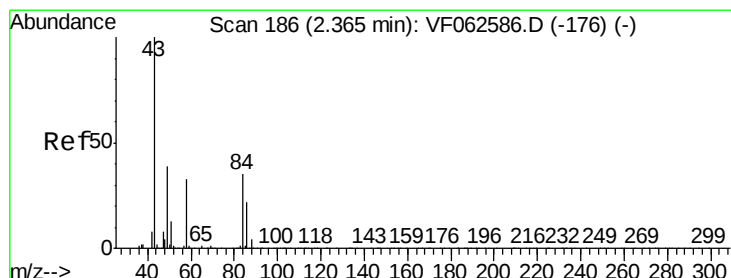
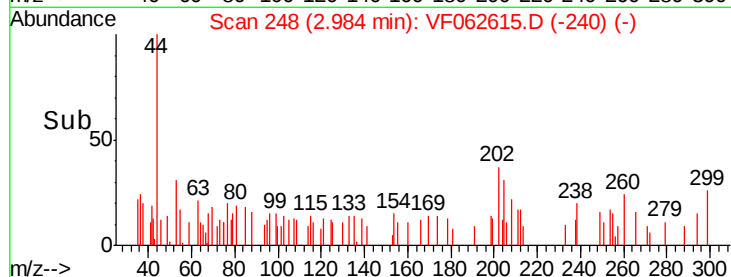
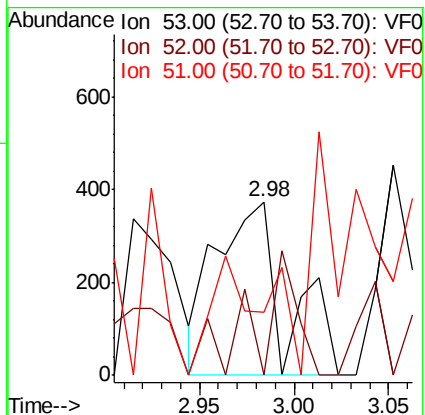
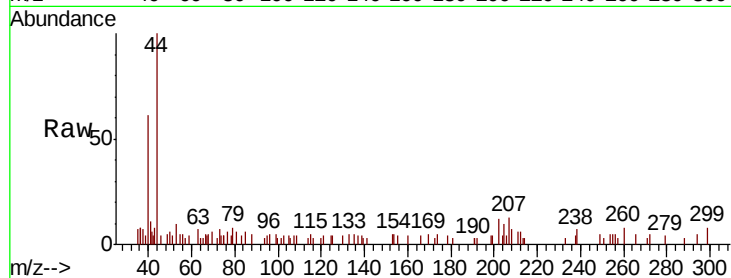
Tot Ion: 53 Resp: 961

Ion Ratio Lower Upper

53 100

52 100.0 68.3 102.5

51 36.5 31.5 47.3



#16

Acetone

Concen: 889.350 ug/l

RT: 2.30 min Scan# 179

Delta R.T. -0.06 min

Lab File: VF062615.D

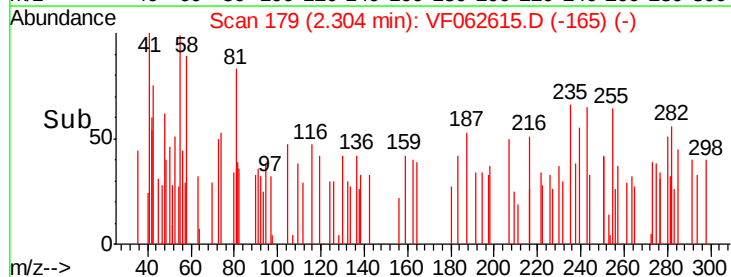
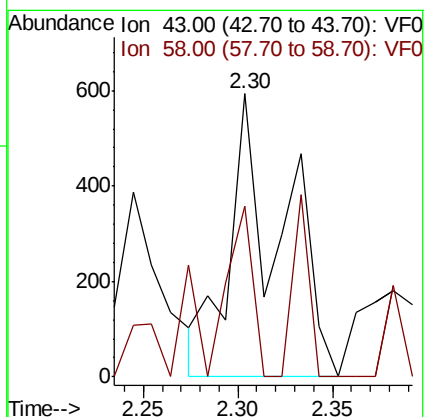
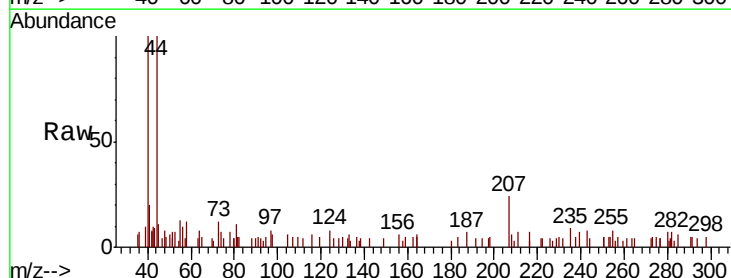
Acq: 15 May 2019 18:13

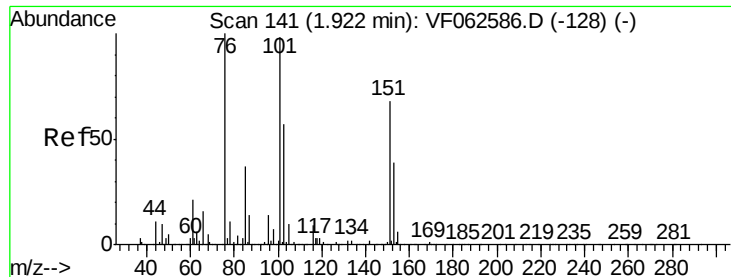
Tgt Ion: 43 Resp: 1137

Ion Ratio Lower Upper

43 100

58 60.4 26.7 40.1#

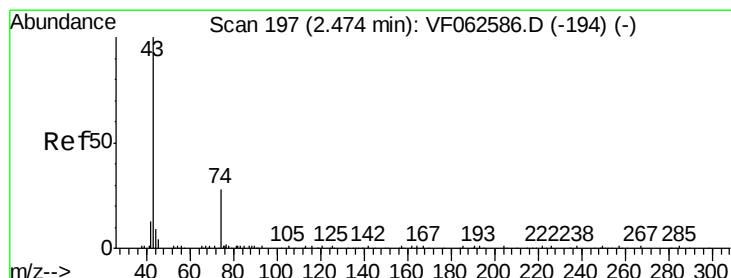
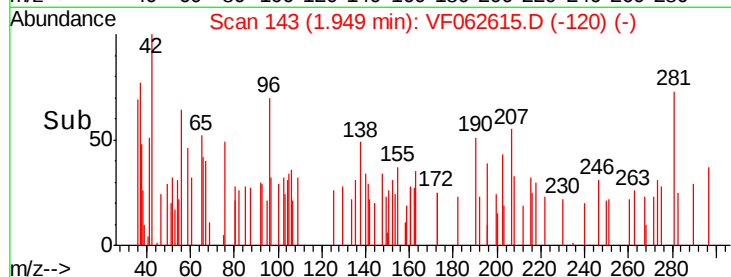
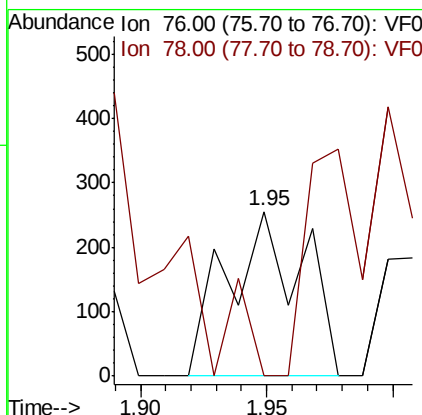
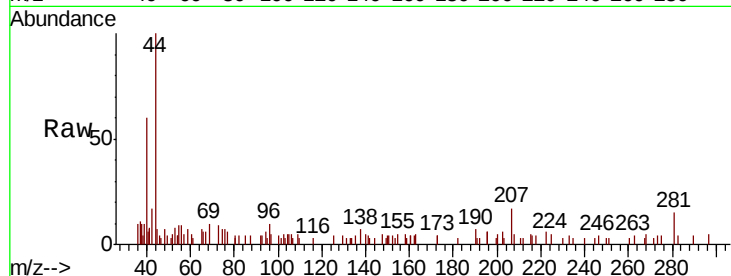




#17
Carbon Disulfide
Concen: 31.475 ug/l
RT: 1.95 min Scan# 143
Delta R.T. 0.03 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

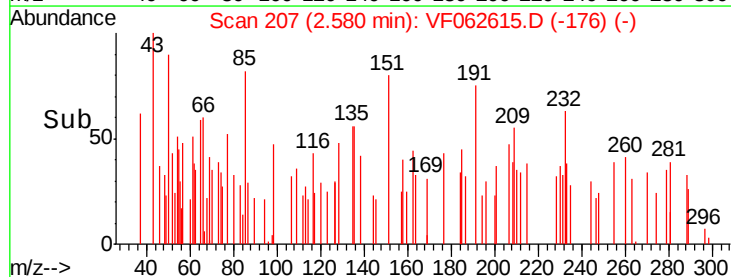
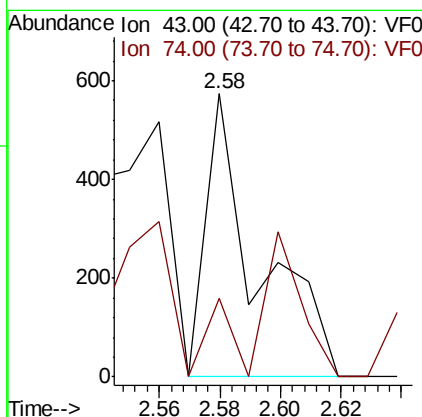
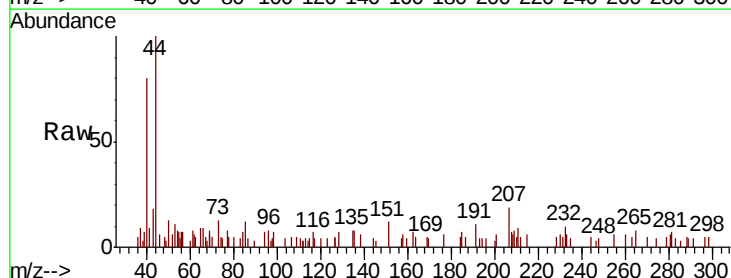
Instrument :
MSVOA_F
ClientSampled :

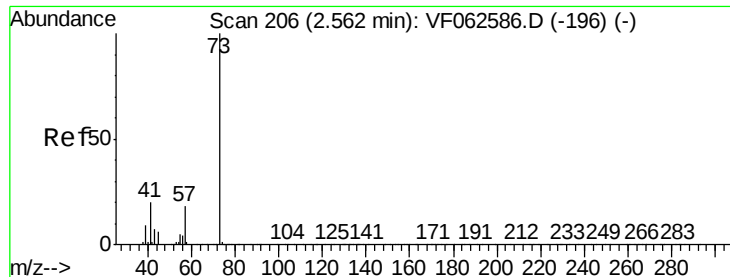
Tot Ion: 76 Resp: 533
Ion Ratio Lower Upper
76 100
78 0.0 9.0 13.4#



#18
Methyl Acetate
Concen: 280.159 ug/l
RT: 2.58 min Scan# 207
Delta R.T. 0.11 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
74 27.9 21.4 32.0





#19

Methyl tert-butyl Ether

Concen: 42.687 ug/l

RT: 2.52 min Scan# 201

Delta R.T. -0.04 min

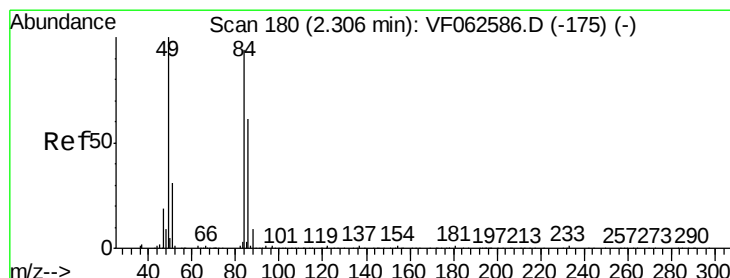
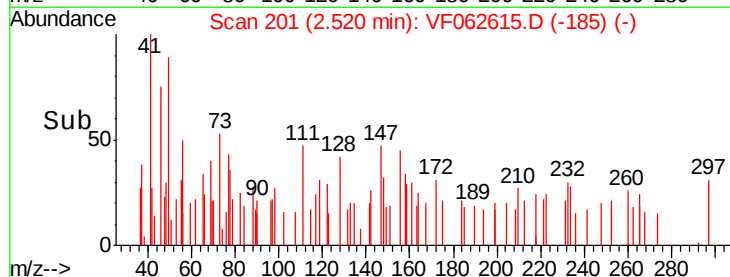
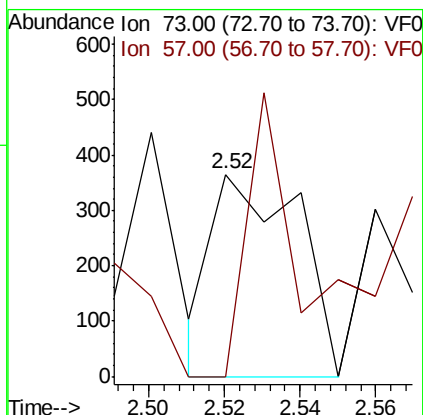
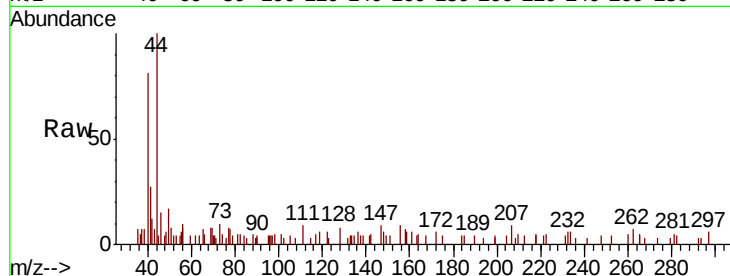
Lab File: VF062615.D

Acq: 15 May 2019 18:13

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 73 Resp: 576

Ion	Ratio	Lower	Upper
73	100		
57	0.0	14.6	22.0#



#20

Methylene Chloride

Concen: 10.768 ug/l

RT: 2.29 min Scan# 178

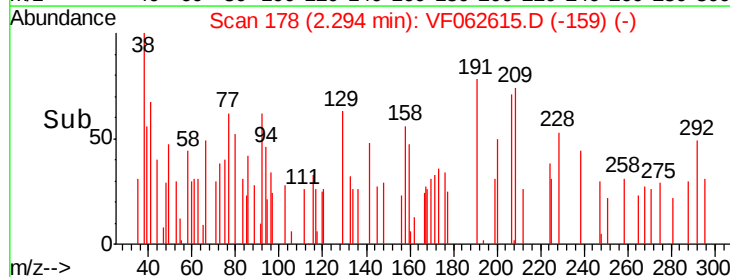
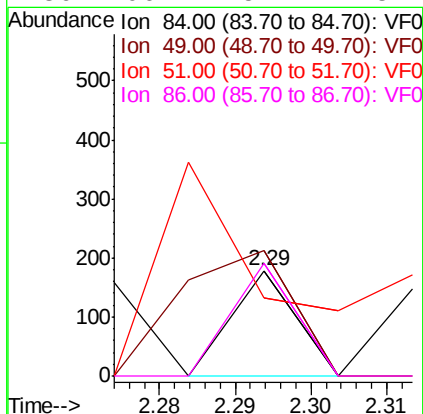
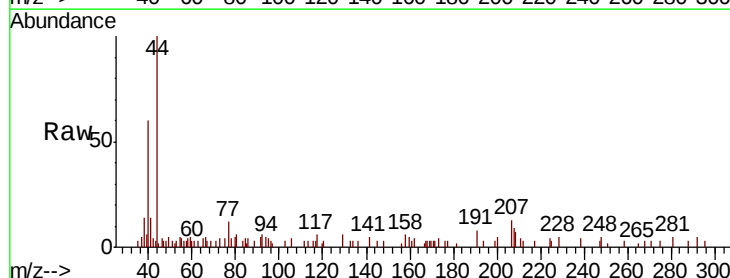
Delta R.T. -0.01 min

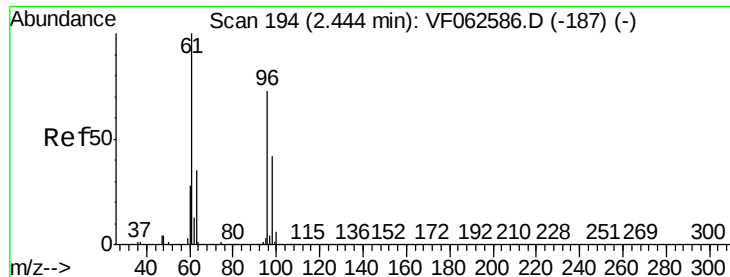
Lab File: VF062615.D

Acq: 15 May 2019 18:13

Tgt Ion: 84 Resp: 105

Ion	Ratio	Lower	Upper
84	100		
49	119.1	86.9	130.3
51	74.2	27.0	40.6#
86	106.7	52.2	78.2#





#21

trans-1,2-Dichloroethene

Concen: 42.291 ug/l

RT: 2.46 min Scan# 195

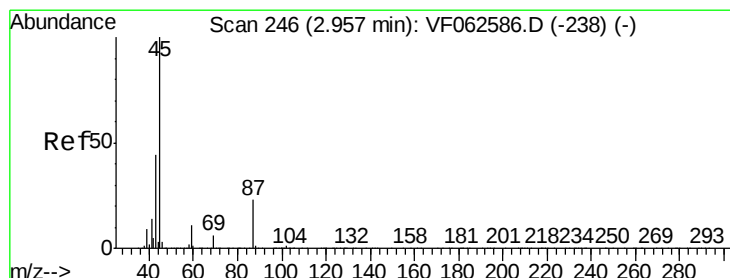
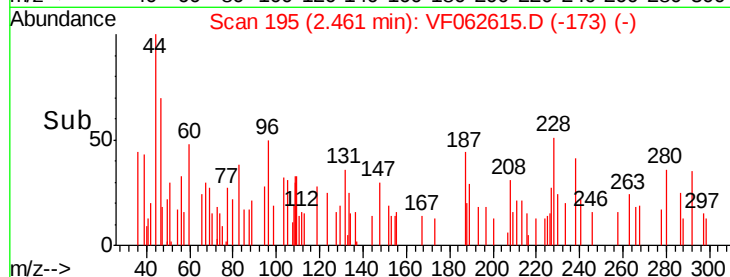
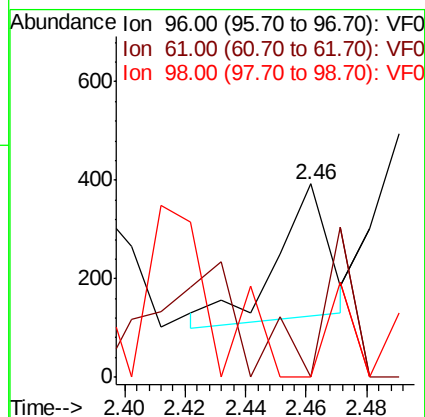
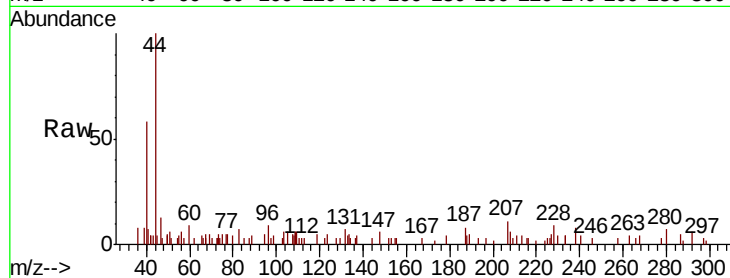
Delta R.T. 0.02 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	96	Resp:	323
Ion	Ratio	Lower	Upper
96	100		
61	0.0	109.2	163.8#
98	0.0	46.3	69.5#



#22

Diisopropyl ether

Concen: 18.913 ug/l

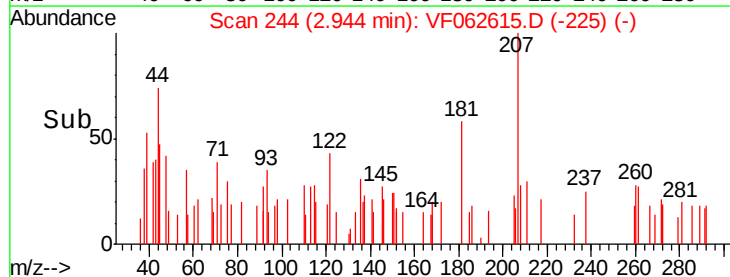
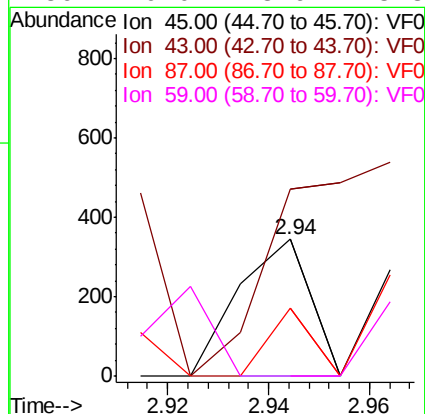
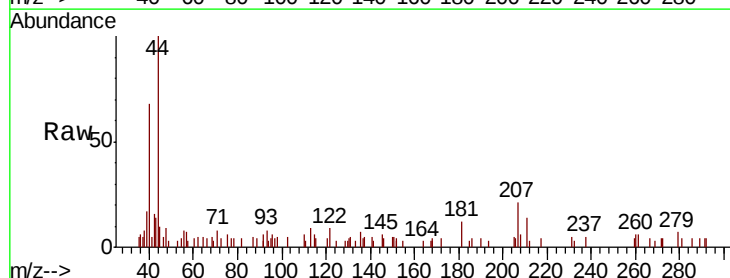
RT: 2.94 min Scan# 244

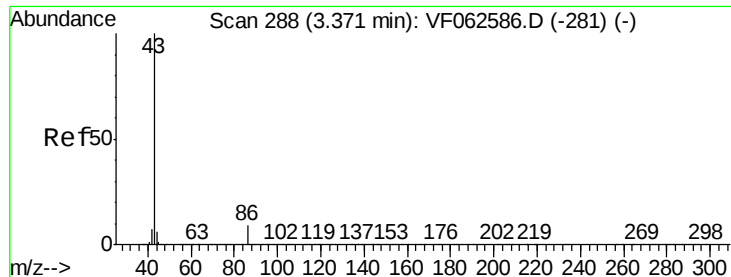
Delta R.T. -0.01 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Tgt Ion:	45	Resp:	341
Ion	Ratio	Lower	Upper
45	100		
43	136.5	35.4	53.0#
87	49.6	18.4	27.6#
59	0.0	8.9	13.3#





#23

Vinyl Acetate

Concen: 123.809 ug/l

RT: 3.32 min Scan# 282

Delta R.T. -0.05 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

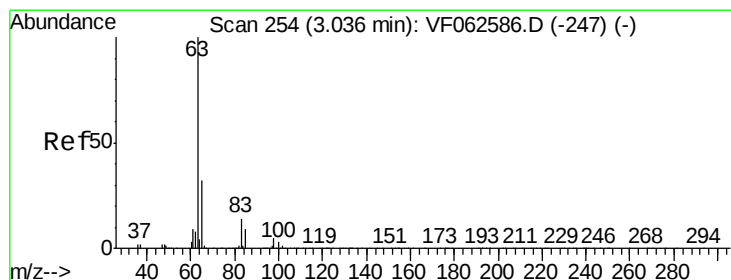
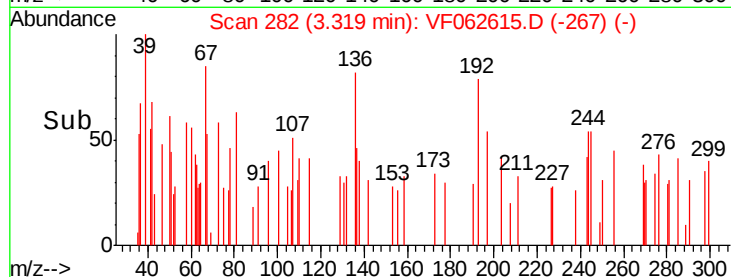
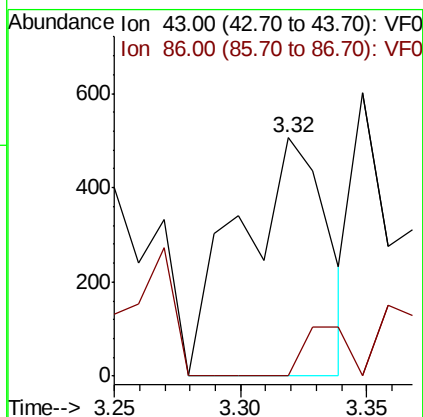
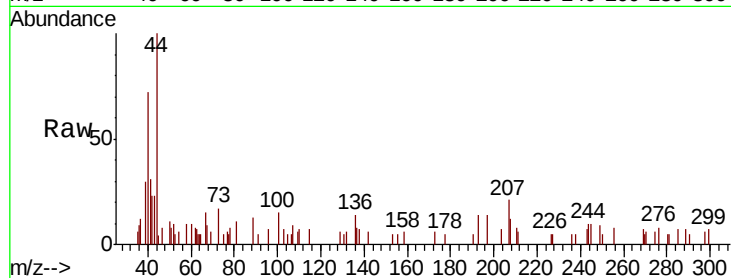
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 1221

Ion Ratio Lower Upper

43 100

86 0.0 7.1 10.7#



#24

1,1-Dichloroethane

Concen: 23.897 ug/l

RT: 3.03 min Scan# 253

Delta R.T. -0.00 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

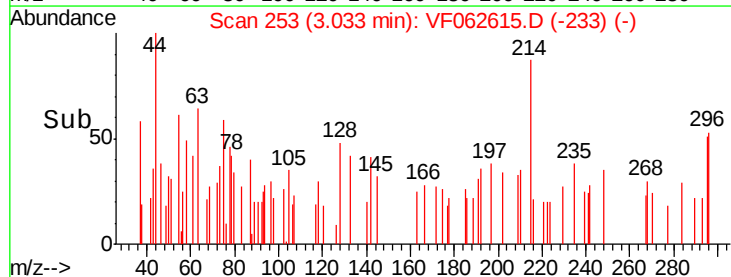
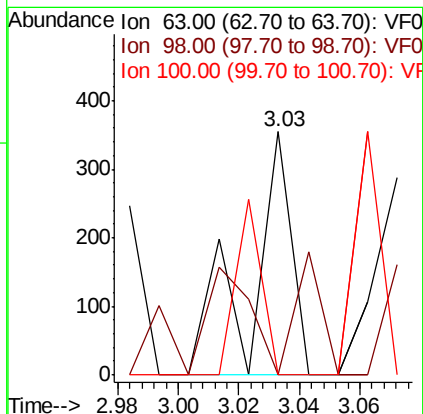
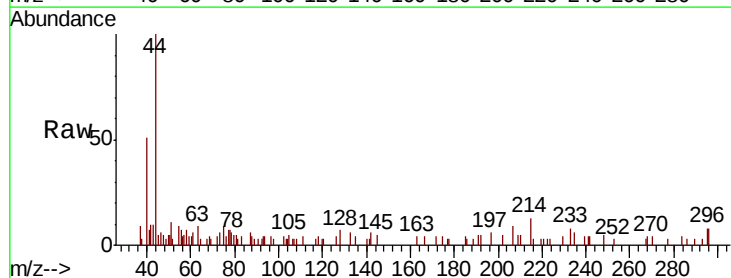
Tgt Ion: 63 Resp: 328

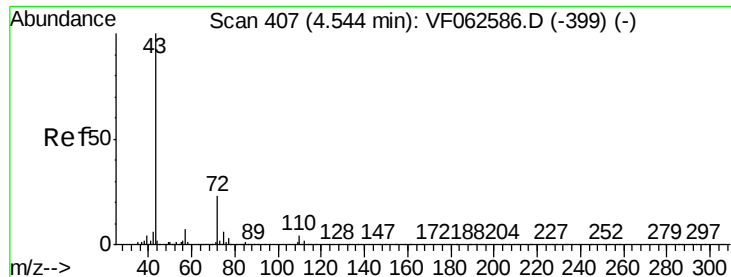
Ion Ratio Lower Upper

63 100

98 0.0 2.6 7.8#

100 0.0 1.7 5.1#





#25

2-Butanone

Concen: 798.532 ug/l

RT: 4.61 min Scan# 413

Delta R.T. 0.07 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

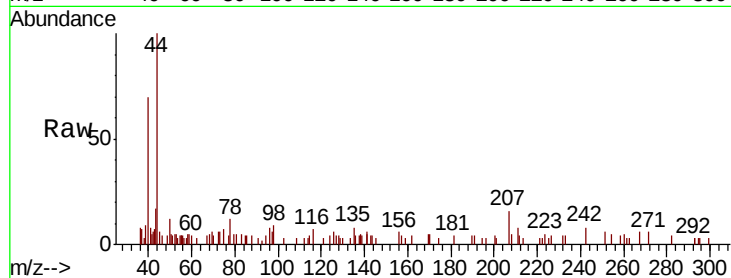
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 2308

Ion Ratio Lower Upper

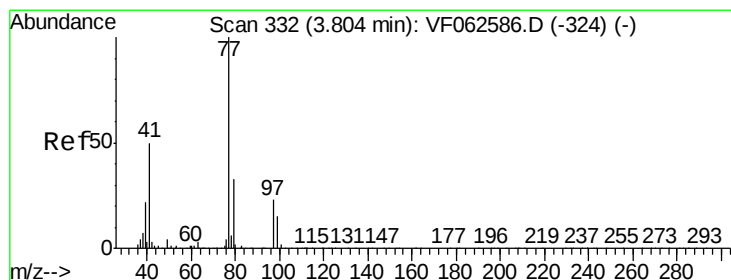
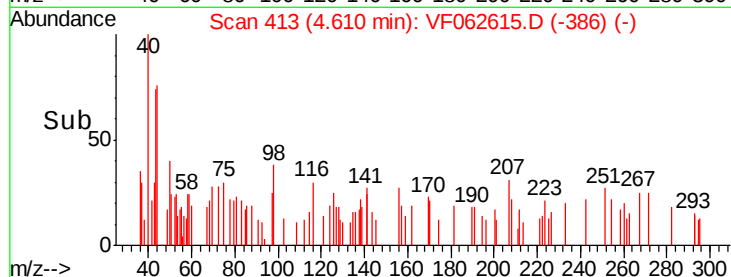
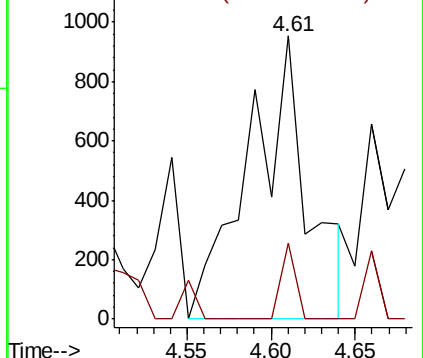
43 100

72 27.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 69.524 ug/l

RT: 3.67 min Scan# 318

Delta R.T. -0.13 min

Lab File: VF062615.D

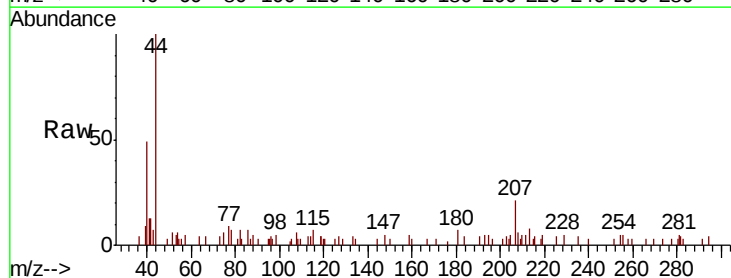
Acq: 15 May 2019 18:13

Tgt Ion: 77 Resp: 515

Ion Ratio Lower Upper

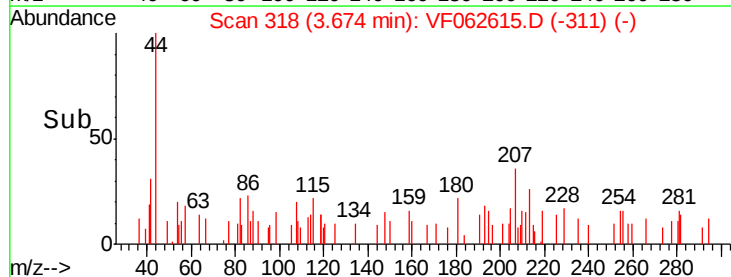
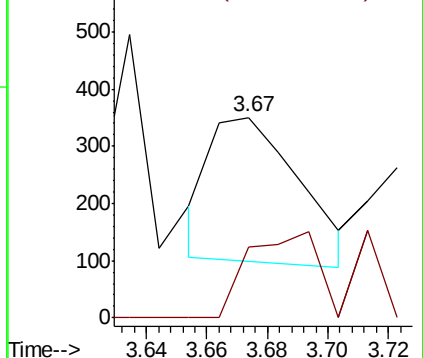
77 100

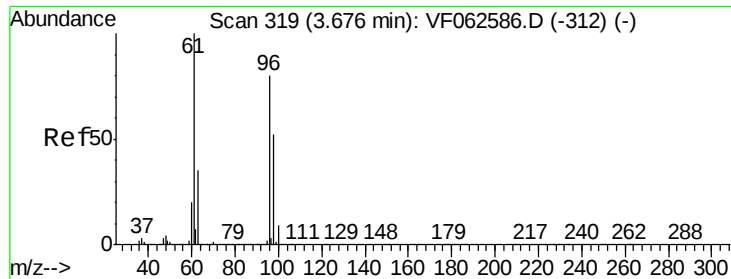
97 35.3 12.0 36.0



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



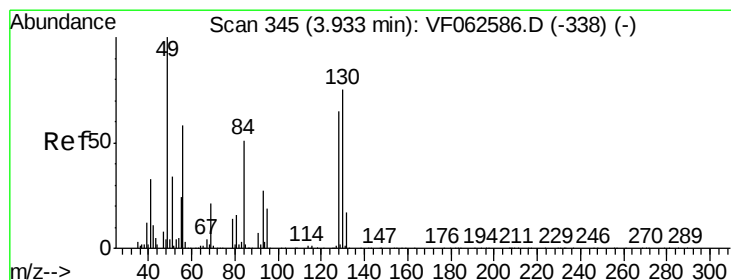
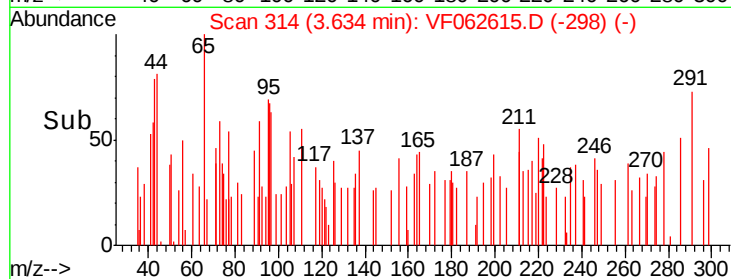
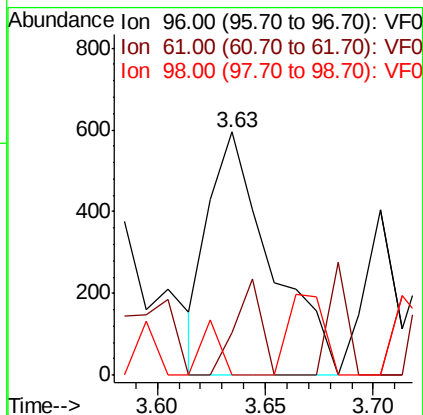
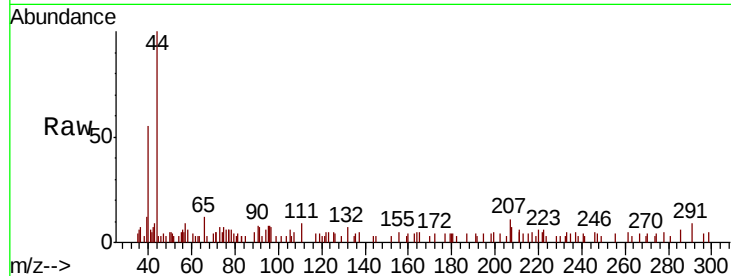


#27

cis-1,2-Dichloroethene
 Concen: 110.837 ug/l
 RT: 3.63 min Scan# 314
 Delta R.T. -0.04 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

Instrument :
 MSVOA_F
 ClientSampleID :

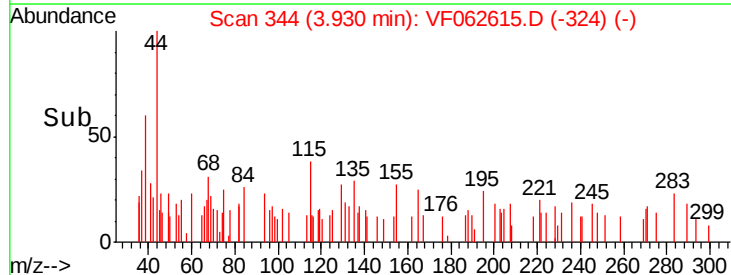
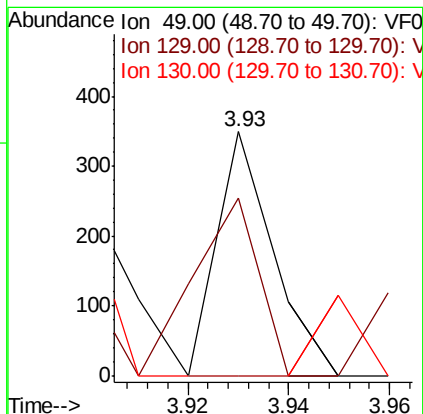
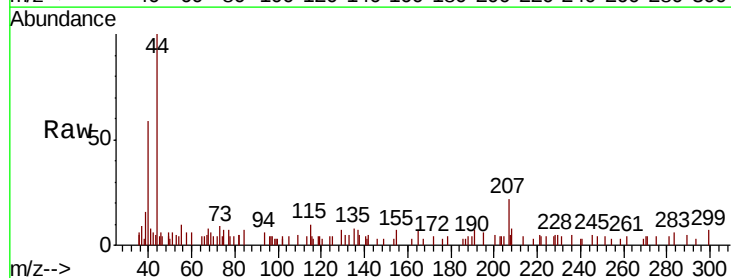
Tot Ion	Ratio	Lower	Upper
96	100		
61	17.3	0.0	251.4
98	0.0	0.0	129.8

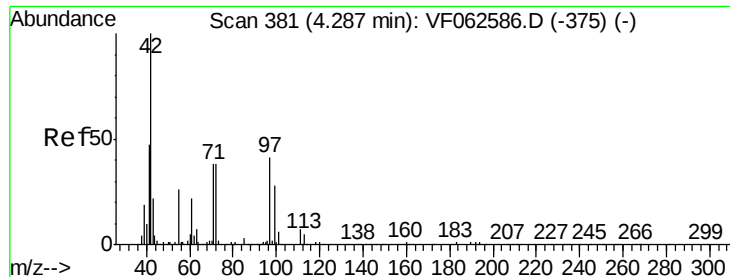


#28

Bromochloromethane
 Concen: 34.737 ug/l
 RT: 3.93 min Scan# 344
 Delta R.T. -0.00 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	72.8	0.0	4.0#
130	0.0	59.7	89.5#





#29

Tetrahydrofuran

Concen: 606.657 ug/l

RT: 4.24 min Scan# 375

Delta R.T. -0.05 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Instrument :

MSVOA_F

ClientSampleId :

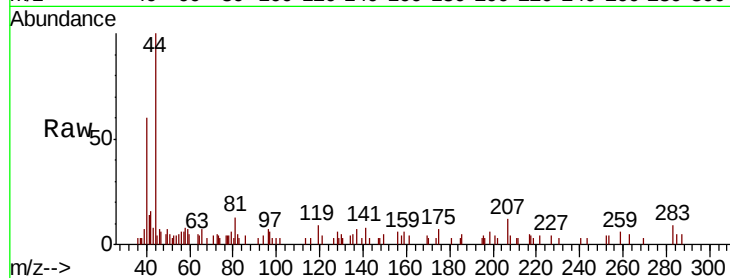
Tot Ion: 42 Resp: 742

Ion Ratio Lower Upper

42 100

72 18.9 34.0 51.0#

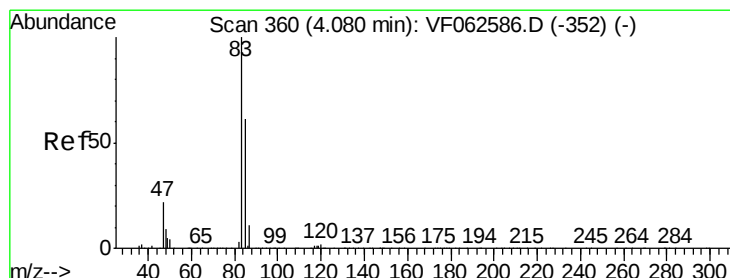
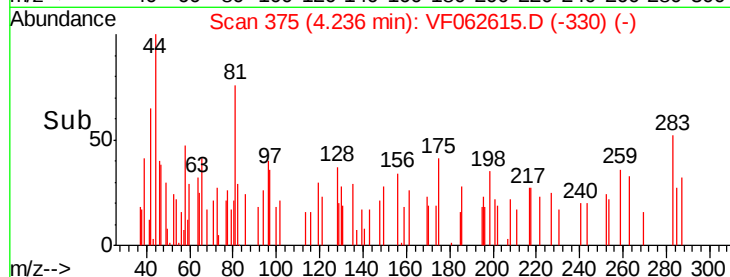
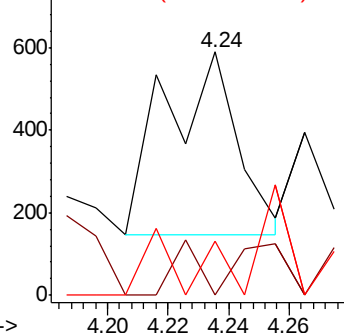
71 31.9 32.8 49.2#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 13.540 ug/l

RT: 4.04 min Scan# 355

Delta R.T. -0.04 min

Lab File: VF062615.D

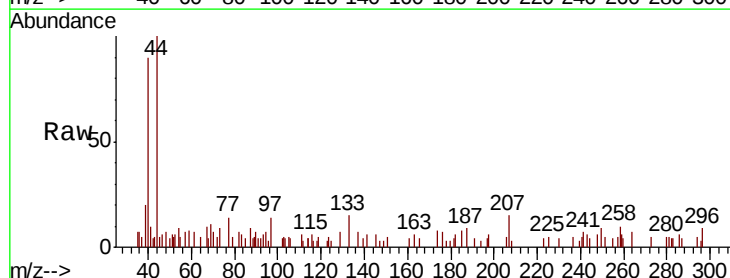
Acq: 15 May 2019 18:13

Tgt Ion: 83 Resp: 223

Ion Ratio Lower Upper

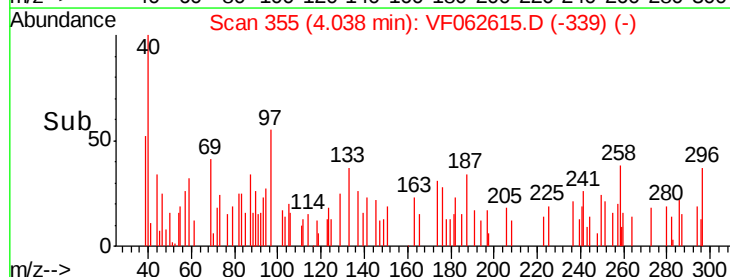
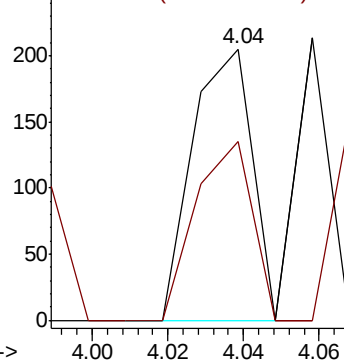
83 100

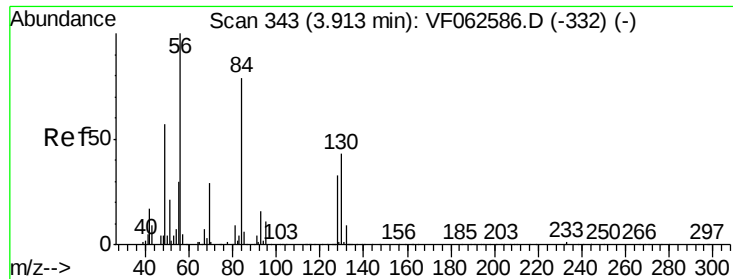
85 65.9 48.7 73.1



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

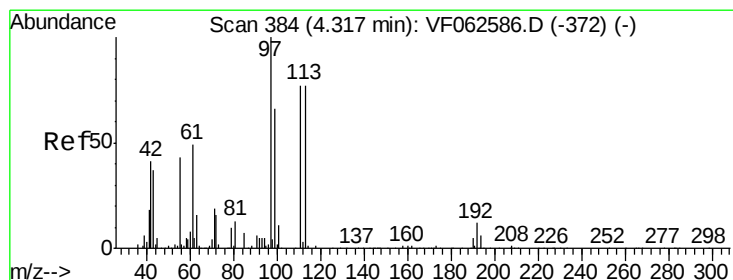
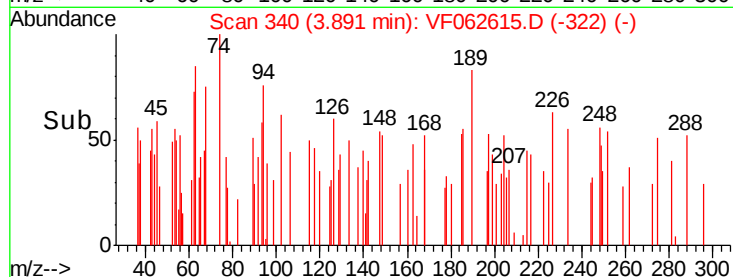
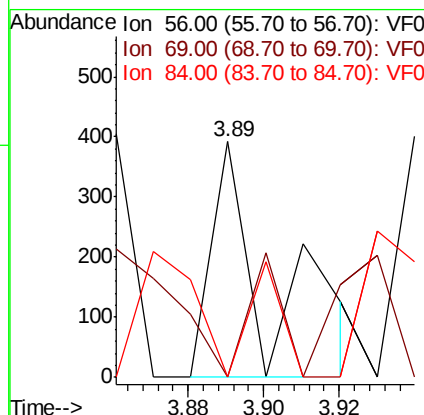
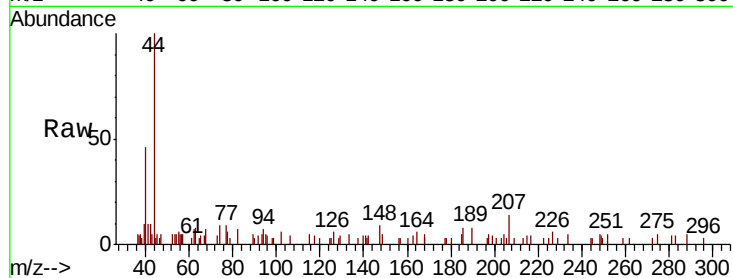




#31
Cyclohexane
Concen: 30.618 ug/l
RT: 3.89 min Scan# 340
Delta R.T. -0.02 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

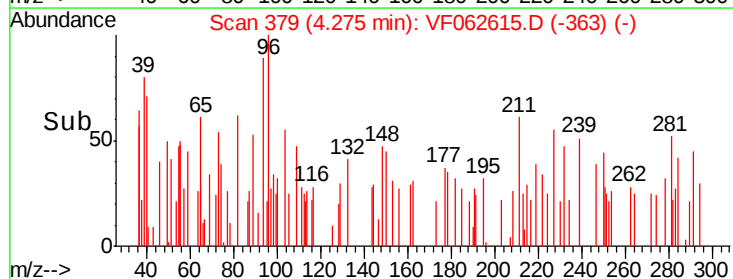
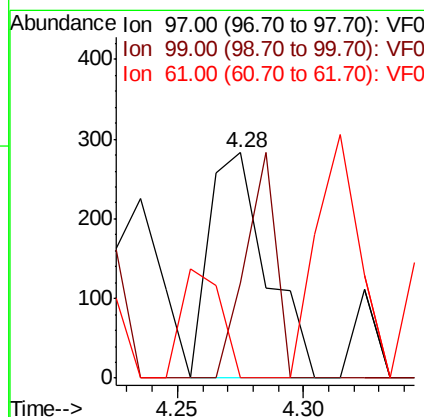
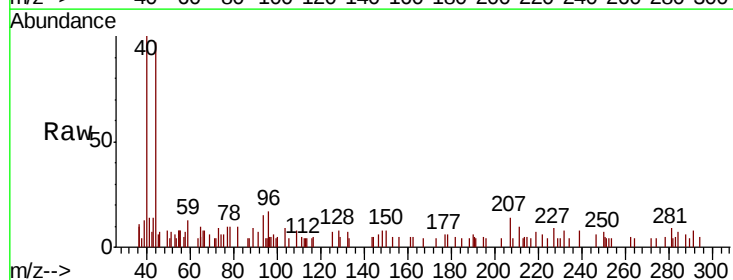
Instrument :
MSVOA_F
ClientSampleId :

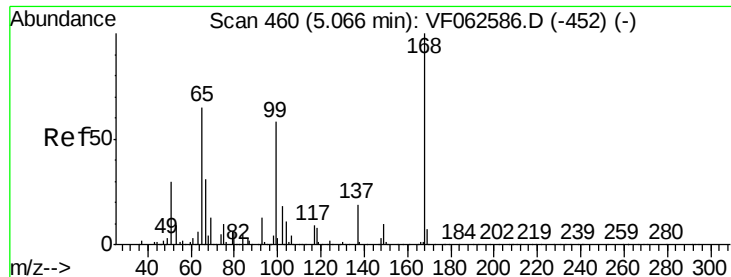
Tot Ion: 56 Resp: 438
Ion Ratio Lower Upper
56 100
69 0.0 22.9 34.3#
84 0.0 63.4 95.2#



#32
1,1,1-Trichloroethane
Concen: 40.716 ug/l
RT: 4.28 min Scan# 379
Delta R.T. -0.04 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

Tgt Ion: 97 Resp: 452
Ion Ratio Lower Upper
97 100
99 42.4 53.4 80.0#
61 0.0 38.9 58.3#





#33

1,2-Dichloroethane-d4

Concen: 77.772 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.03 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

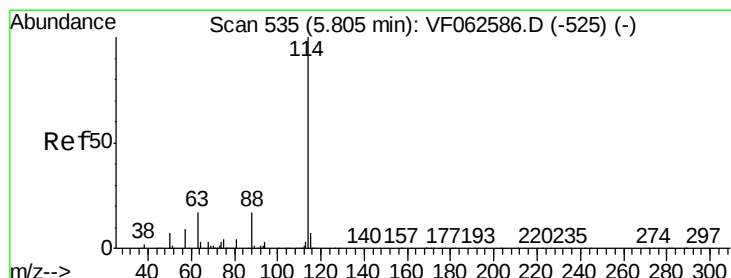
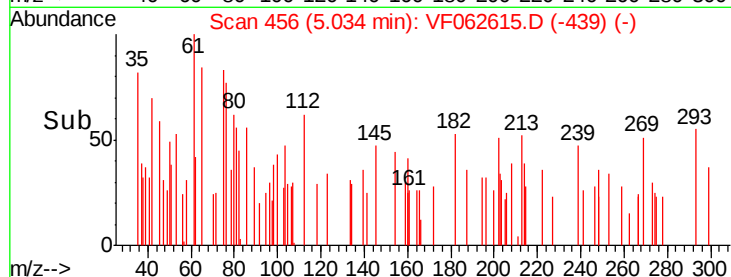
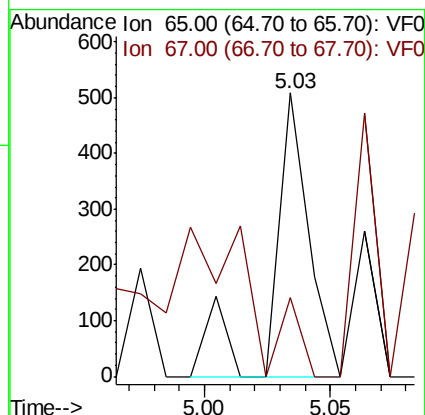
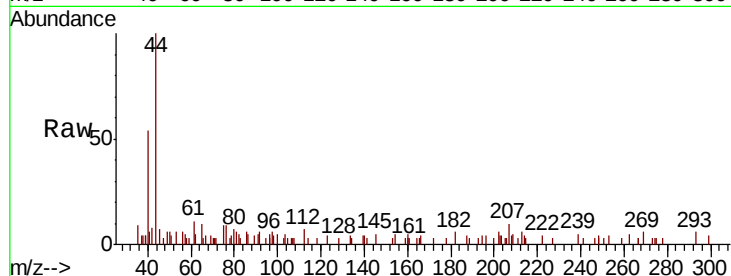
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 65 Resp: 490

Ion Ratio Lower Upper

65 100

67 28.0 0.0 116.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.71 min Scan# 525

Delta R.T. -0.09 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

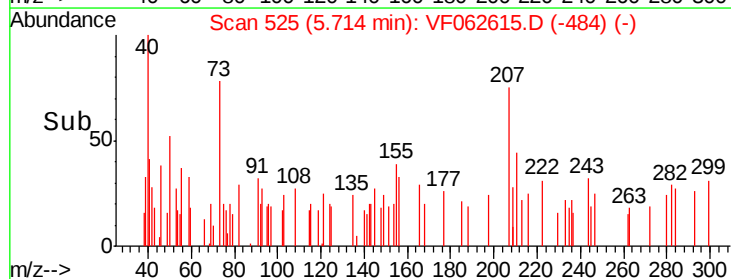
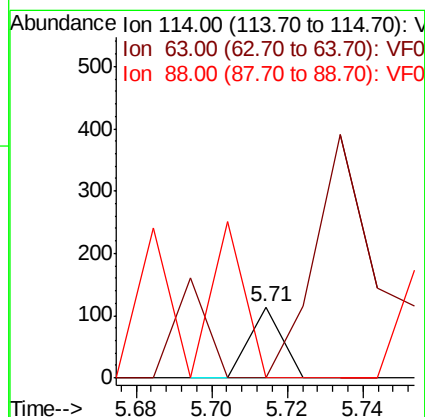
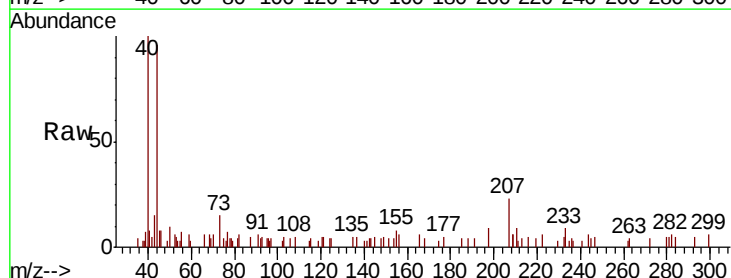
Tgt Ion: 114 Resp: 67

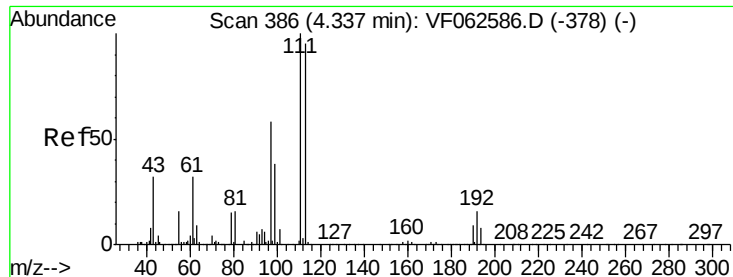
Ion Ratio Lower Upper

114 100

63 0.0 0.0 34.6

88 0.0 0.0 33.6

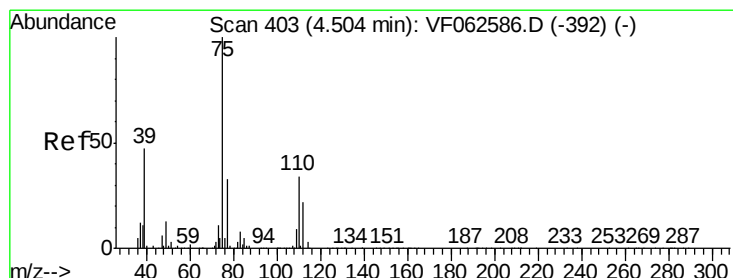
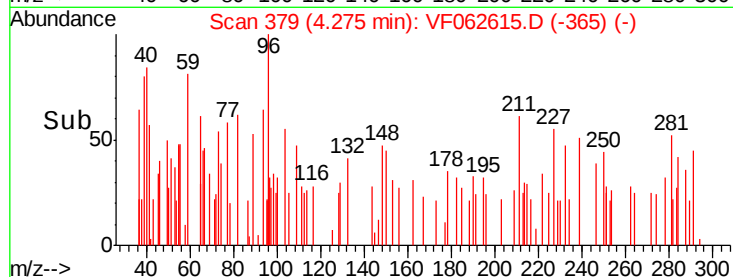
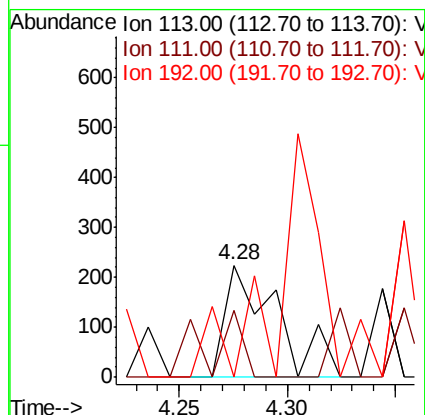
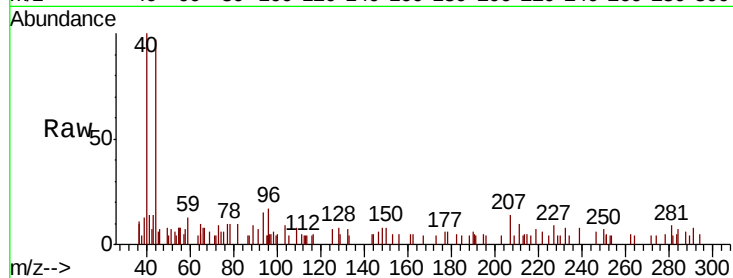




#35
 Dibromofluoromethane
 Concen: 747.996 ug/l
 RT: 4.28 min Scan# 379
 Delta R.T. -0.06 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

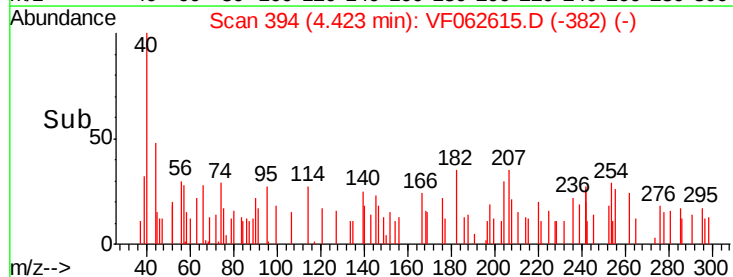
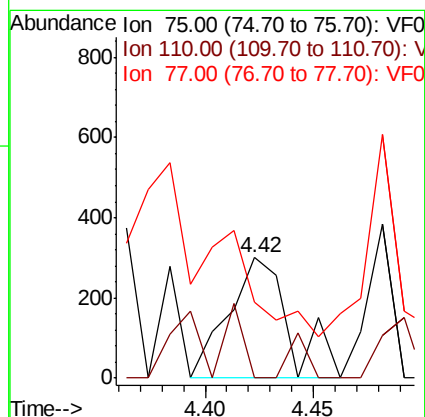
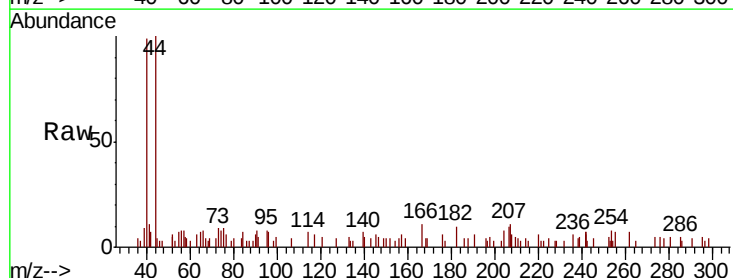
Instrument :
 MSVOA_F
 ClientSampled :

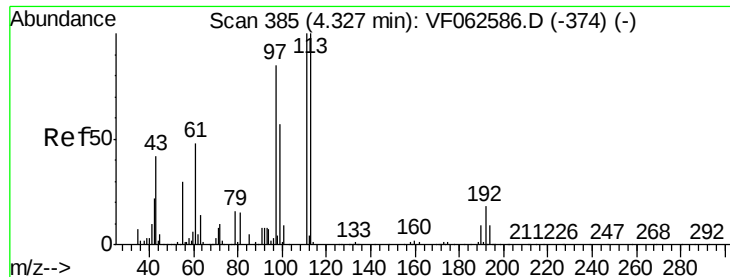
Tot Ion:113 Resp: 373
 Ion Ratio Lower Upper
 113 100
 111 59.6 83.9 125.9#
 192 0.0 13.7 20.5#



#36
 1,1-Dichloropropene
 Concen: 1012.506 ug/l
 RT: 4.42 min Scan# 394
 Delta R.T. -0.08 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

Tgt Ion: 75 Resp: 587
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.3 51.7#
 77 63.7 26.4 39.6#

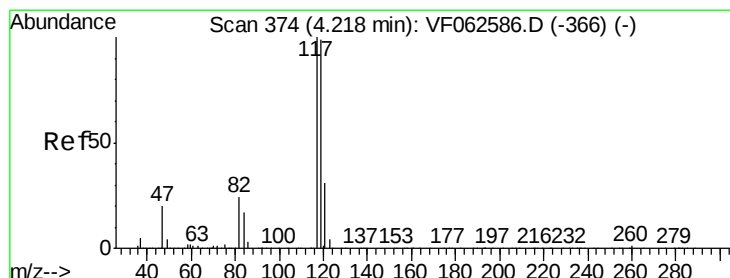
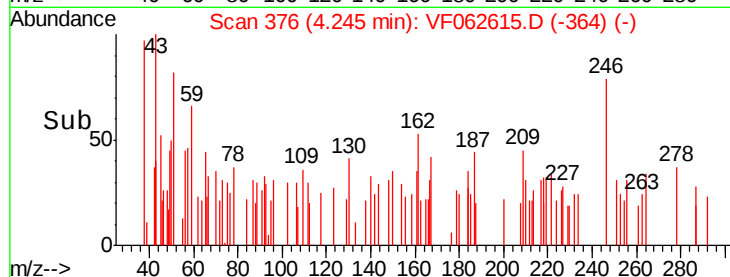
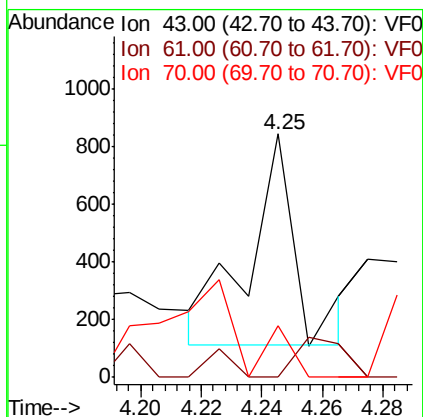
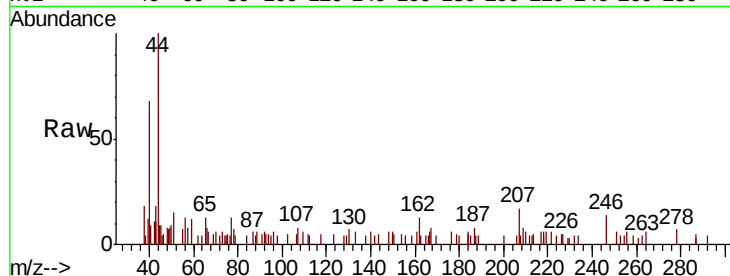




#37
Ethyl Acetate
Concen: 3332.756 ug/l
RT: 4.25 min Scan# 376
Delta R.T. -0.08 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

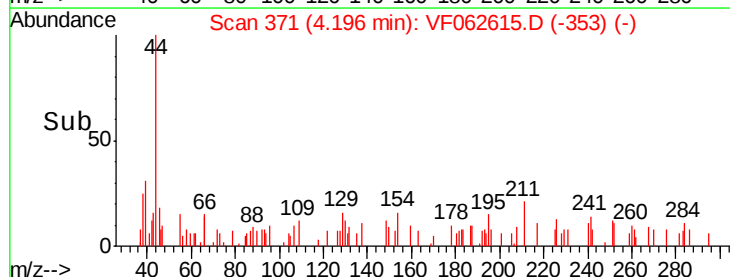
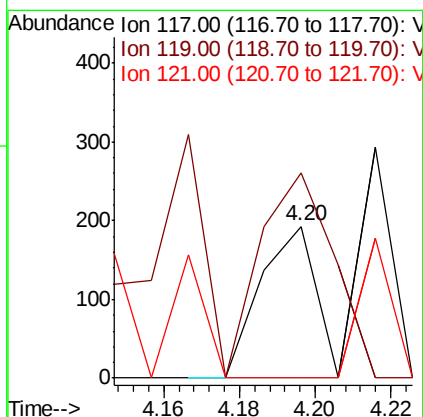
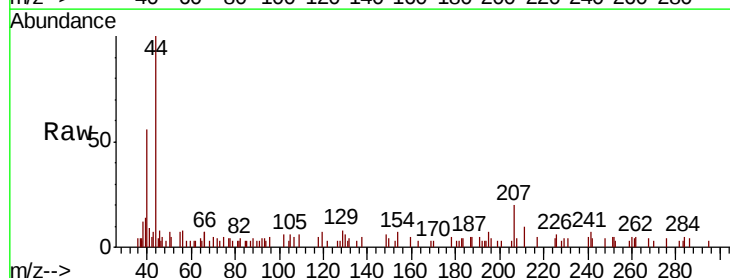
Instrument :
MSVOA_F
ClientSampleId :

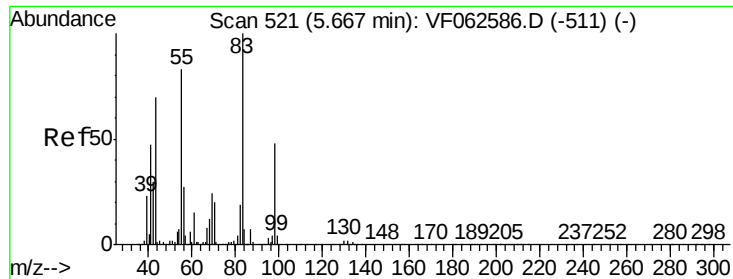
Tot Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
61 0.0 88.6 132.8#
70 21.4 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 410.020 ug/l
RT: 4.20 min Scan# 371
Delta R.T. -0.02 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

Tgt Ion: 117 Resp: 195
Ion Ratio Lower Upper
117 100
119 134.7 79.0 118.6#
121 0.0 25.0 37.6#

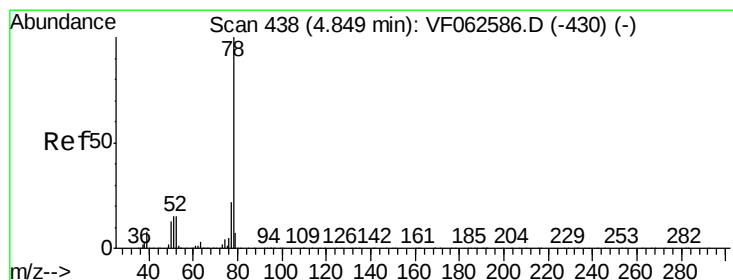
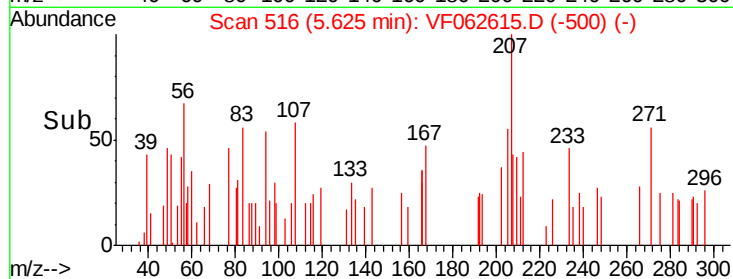
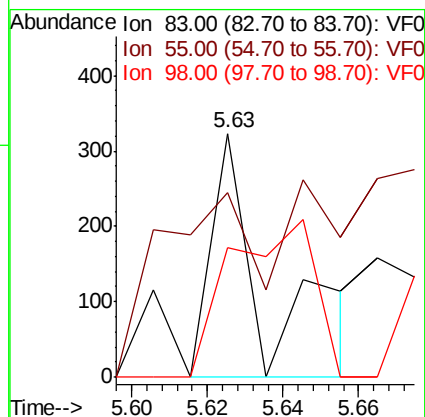
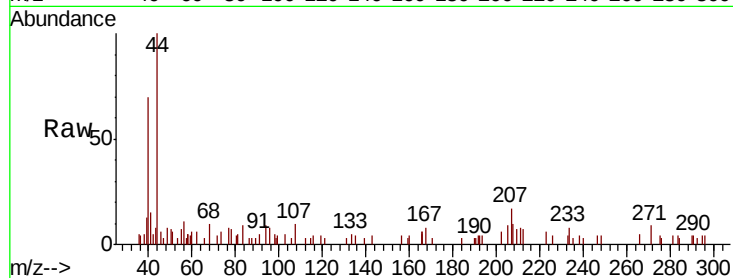




#39
Methvlcvclohexane
Concen: 493.524 ug/l
RT: 5.63 min Scan# 516
Delta R.T. -0.04 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

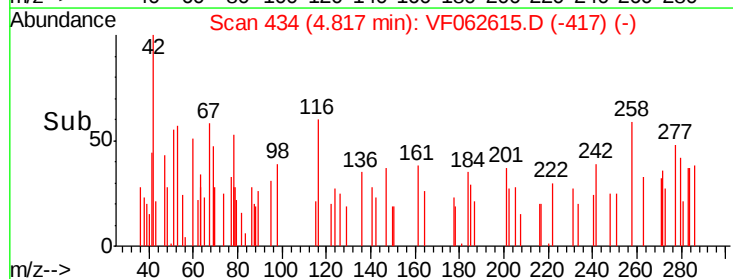
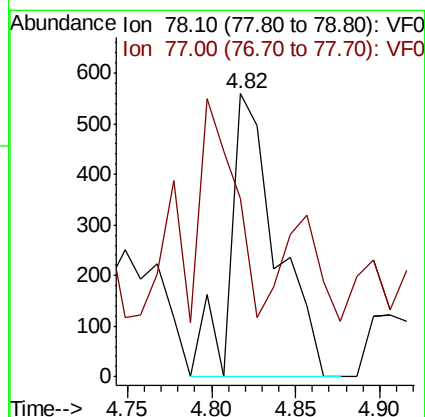
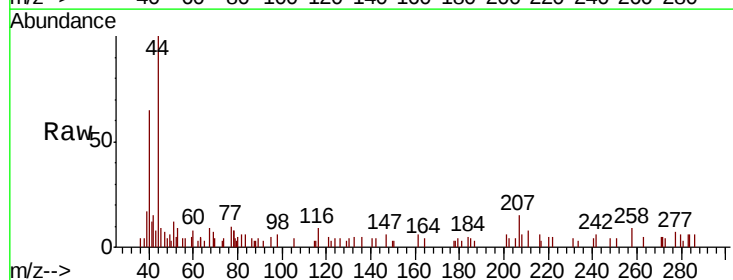
Instrument :
MSVOA_F
ClientSampleId :

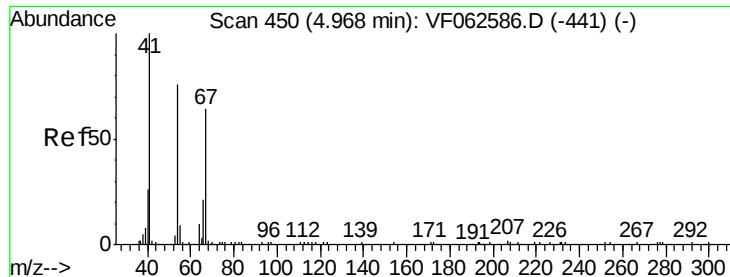
Tot Ion: 83 Resp: 335
Ion Ratio Lower Upper
83 100
55 75.5 66.6 100.0
98 53.3 38.3 57.5



#40
Benzene
Concen: 648.138 ug/l
RT: 4.82 min Scan# 434
Delta R.T. -0.03 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

Tgt Ion: 78 Resp: 1069
Ion Ratio Lower Upper
78 100
77 63.1 17.7 26.5#





#41

Methacrylonitrile

Concen: 9813.809 ug/l

RT: 4.90 min Scan# 442

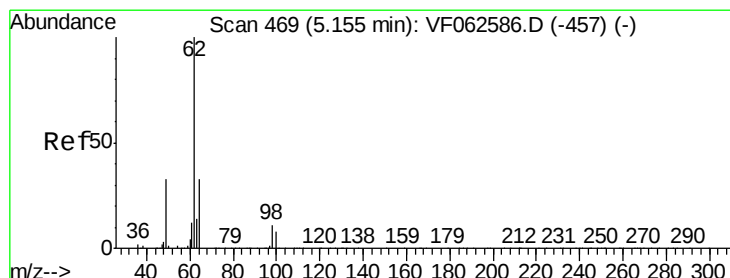
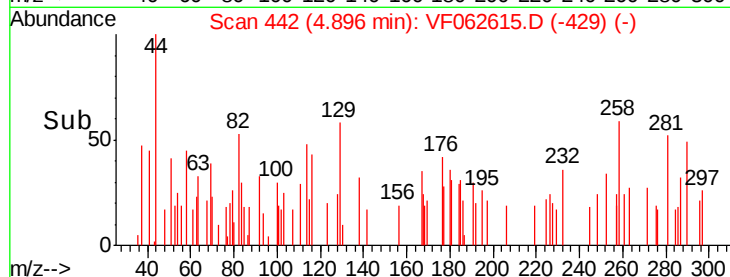
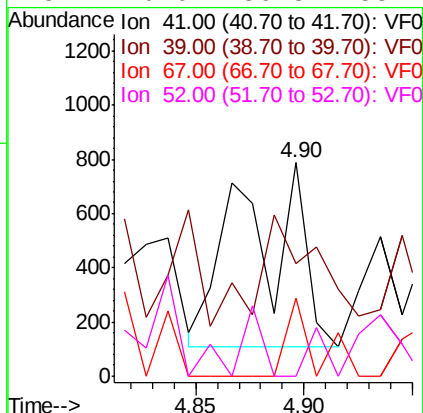
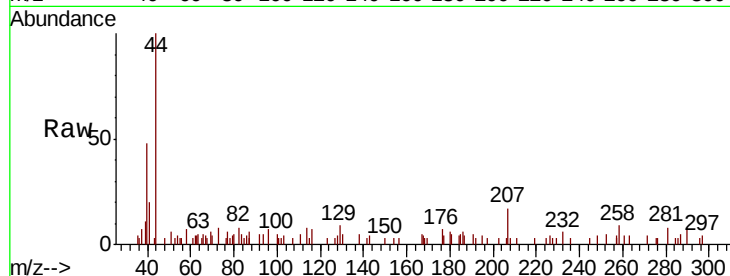
Delta R.T. -0.07 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	41	Resp:	1324
Ion	Ratio	Lower	Upper
41	100		
39	52.5	40.8	61.2
67	36.4	50.2	75.2#
52	0.0	36.8	55.2#



#42

1,2-Dichloroethane

Concen: 417.146 ug/l

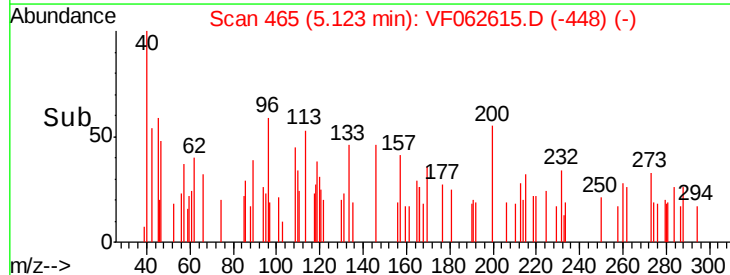
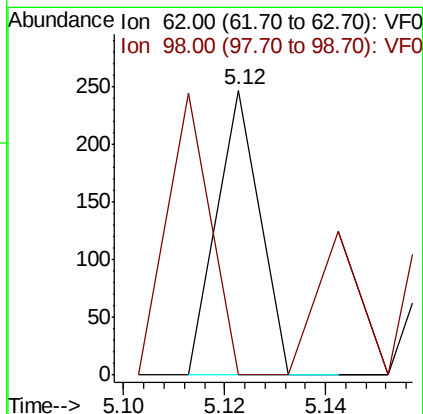
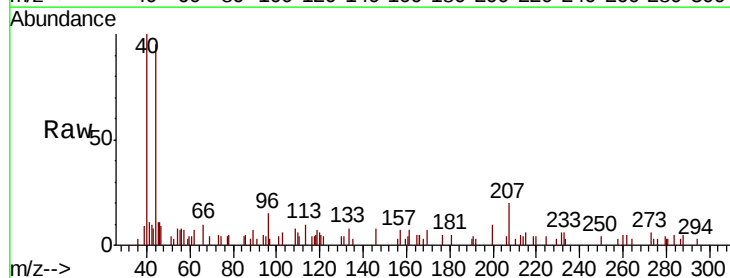
RT: 5.12 min Scan# 465

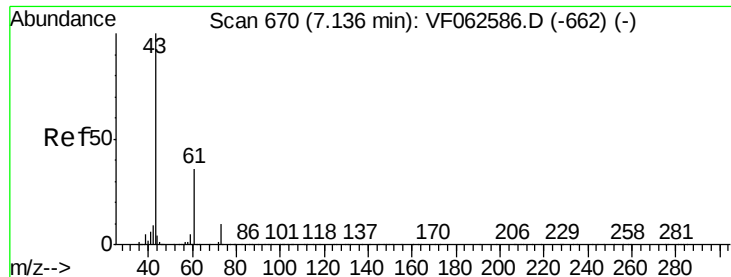
Delta R.T. -0.03 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Tgt Ion:	62	Resp:	146
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	22.2



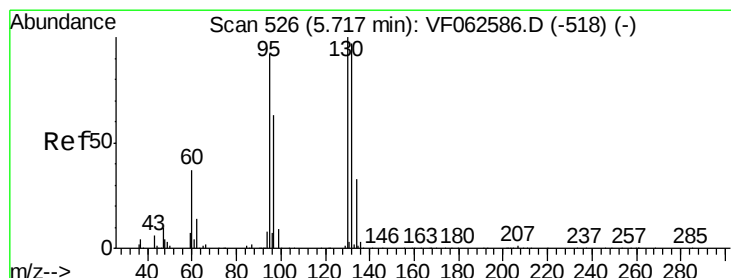
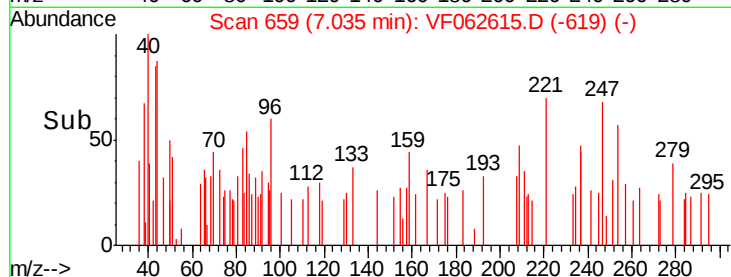
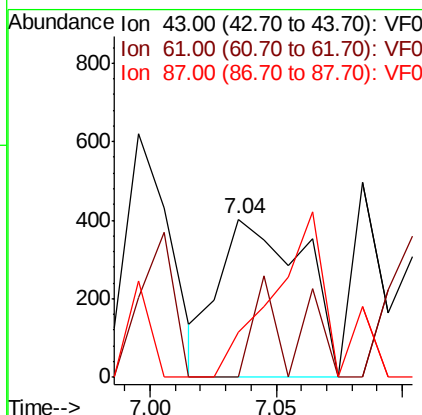
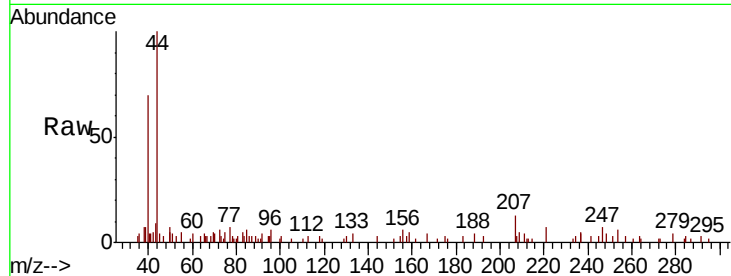


#43

Isopropyl Acetate
 Concen: 3316.549 ug/l
 RT: 7.04 min Scan# 659
 Delta R.T. -0.10 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

Instrument :
 MSVOA_F
 ClientSampled :

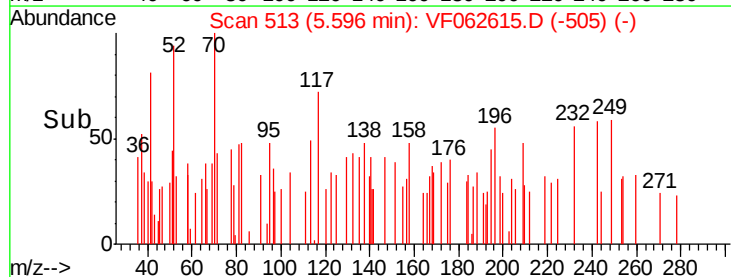
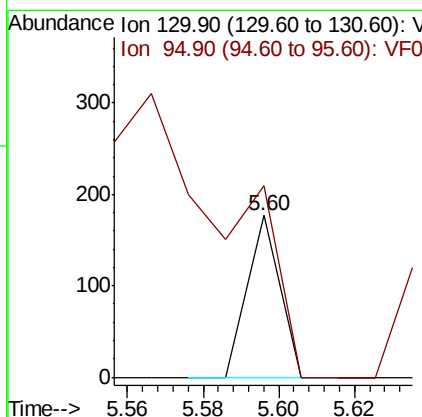
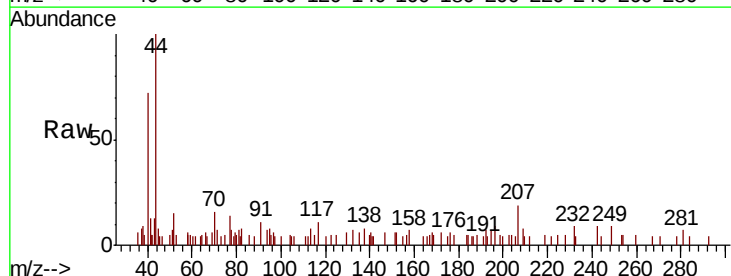
Tot Ion: 43 Resp: 935
 Ion Ratio Lower Upper
 43 100
 61 0.0 28.5 42.7#
 87 28.6 0.4 0.6#

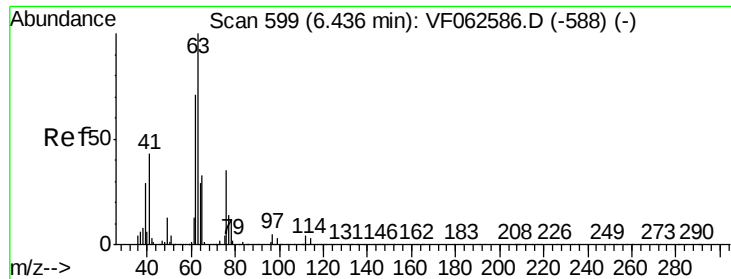


#44

Trichloroethene
 Concen: 235.732 ug/l
 RT: 5.60 min Scan# 513
 Delta R.T. -0.12 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

Tgt Ion: 130 Resp: 105
 Ion Ratio Lower Upper
 130 100
 95 118.6 0.0 185.0





#45

1,2-Dichloropropane

Concen: 835.834 ug/l

RT: 6.36 min Scan# 591

Delta R.T. -0.07 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

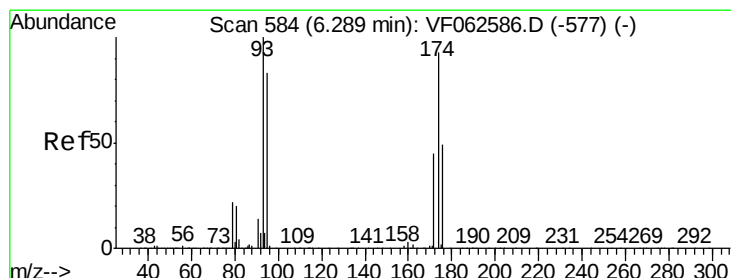
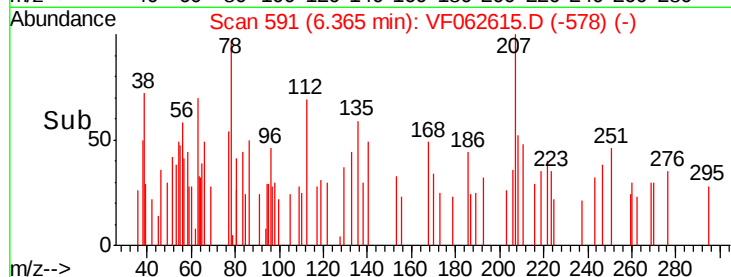
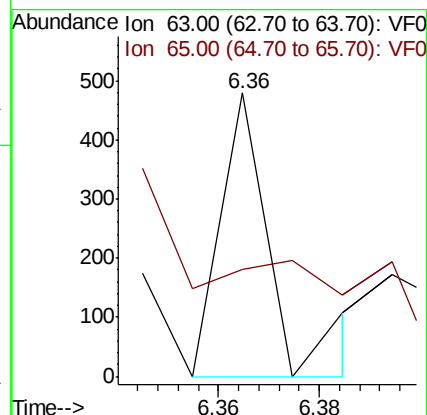
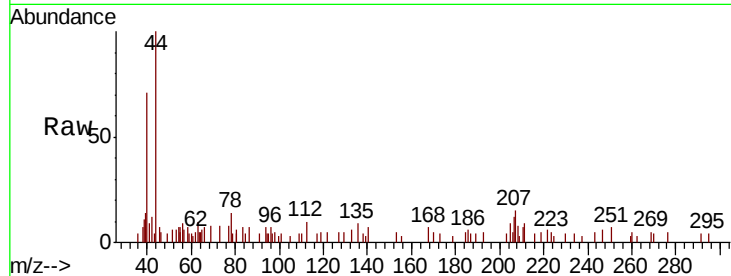
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 63 Resp: 347

Ion Ratio Lower Upper

63 100

65 38.0 26.2 39.4



#46

Dibromomethane

Concen: 1391.598 ug/l

RT: 6.18 min Scan# 572

Delta R.T. -0.11 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

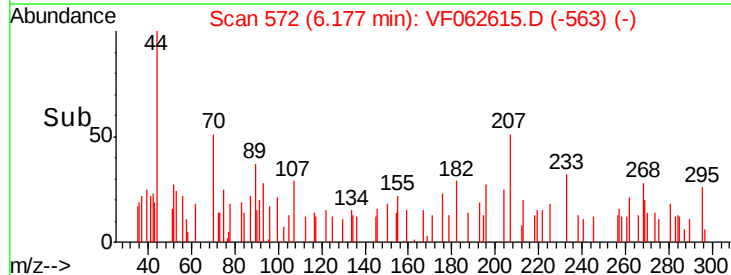
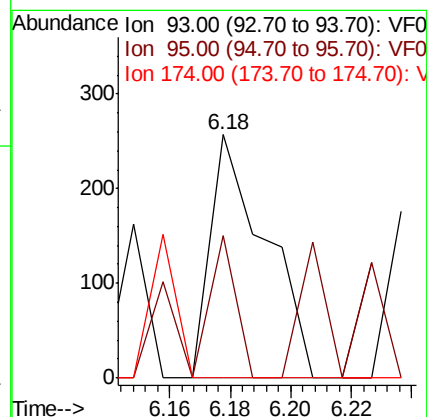
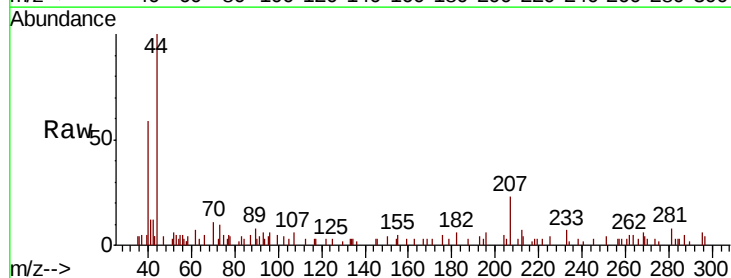
Tgt Ion: 93 Resp: 323

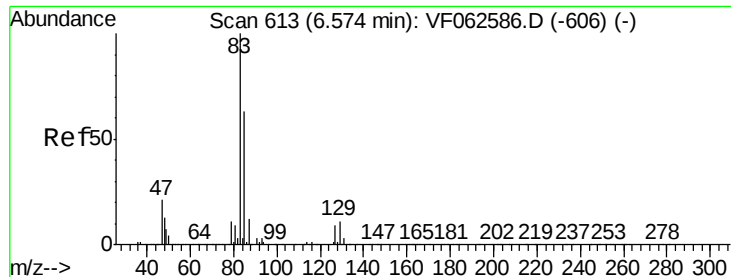
Ion Ratio Lower Upper

93 100

95 58.8 66.9 100.3#

174 0.0 74.6 112.0#





#47

Bromodichloromethane

Concen: 294.607 ug/l

RT: 6.46 min Scan# 601

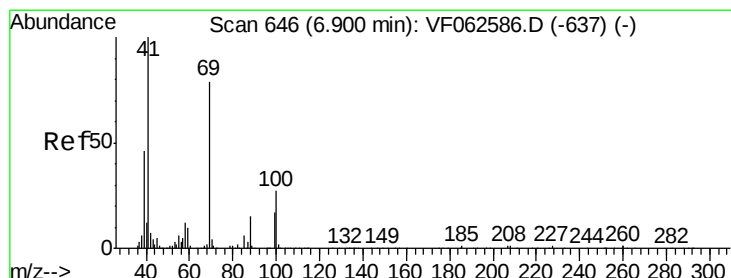
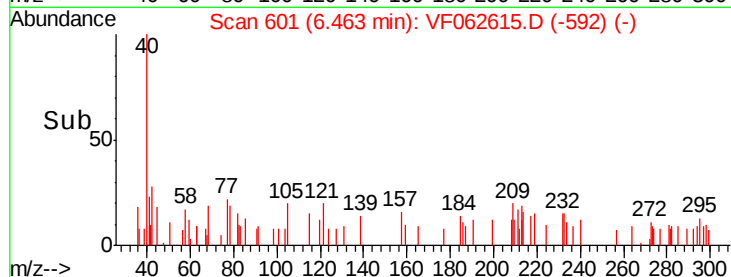
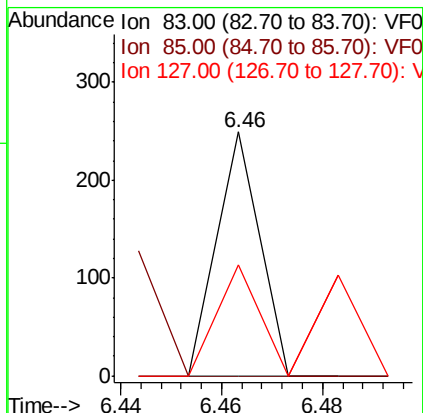
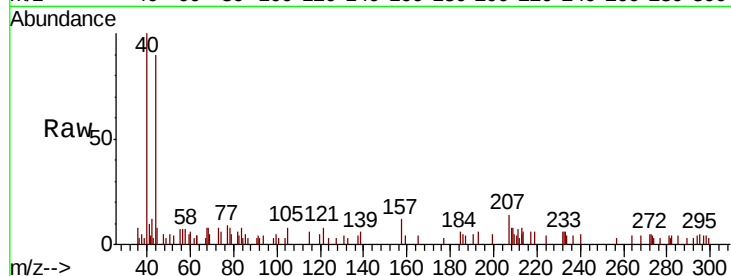
Delta R.T. -0.11 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	83	Resp:	147
Ion	Ratio	Lower	Upper
83	100		
85	68.3	50.3	75.5
127	45.8	7.2	10.8#



#48

Methyl methacrylate

Concen: 8787.258 ug/l

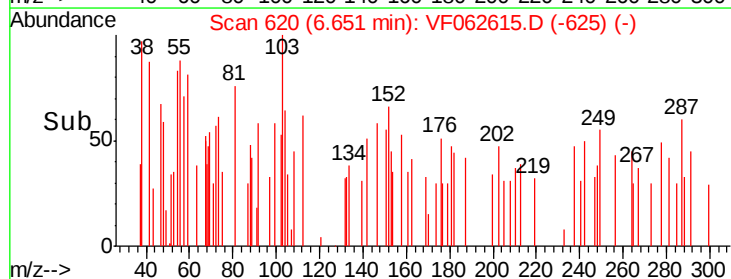
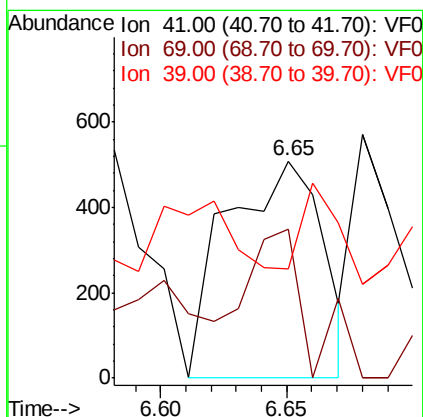
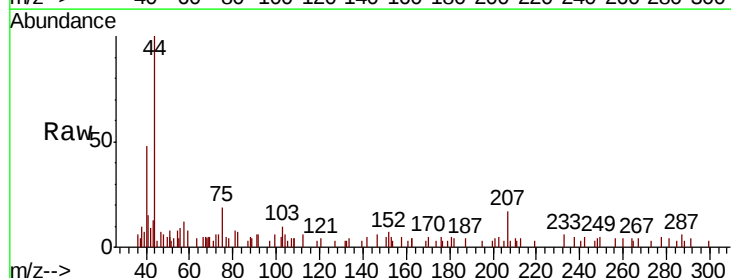
RT: 6.65 min Scan# 620

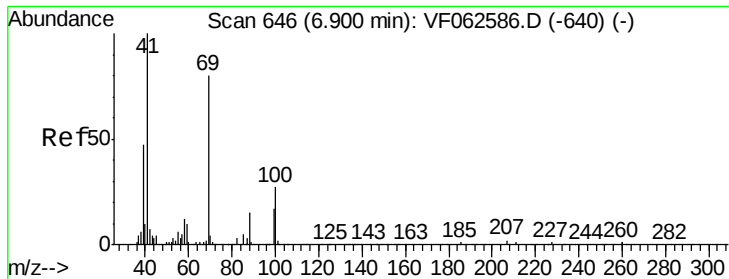
Delta R.T. -0.25 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Tgt Ion:	41	Resp:	1356
Ion	Ratio	Lower	Upper
41	100		
69	68.4	63.0	94.6
39	50.1	37.6	56.4





#49

1,4-Dioxane

Concen: 107695.436 ug/l

RT: 6.78 min Scan# 633

Delta R.T. -0.12 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Instrument :

MSVOA_F

ClientSampleId :

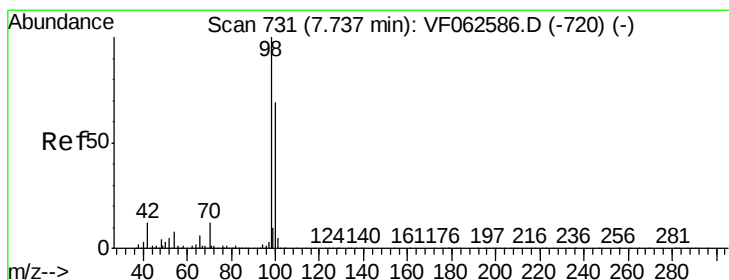
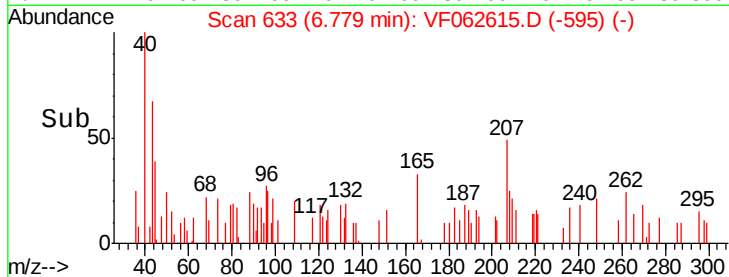
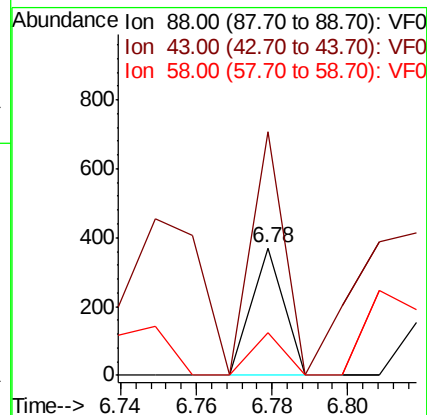
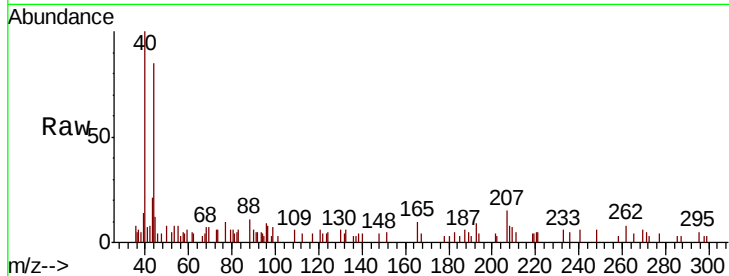
Tot Ion: 88 Resp: 219

Ion Ratio Lower Upper

88 100

43 191.1 28.8 43.2#

58 33.5 60.6 90.8#



#50

Toluene-d8

Concen: 101.271 ug/l

RT: 7.65 min Scan# 721

Delta R.T. -0.09 min

Lab File: VF062615.D

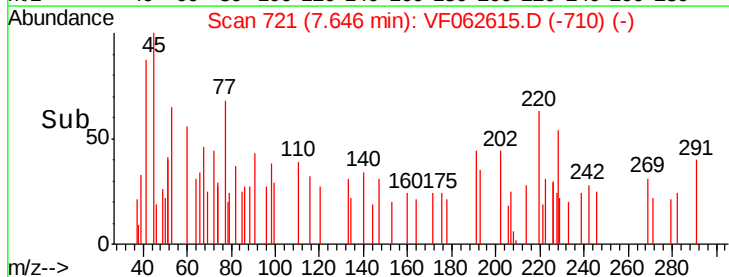
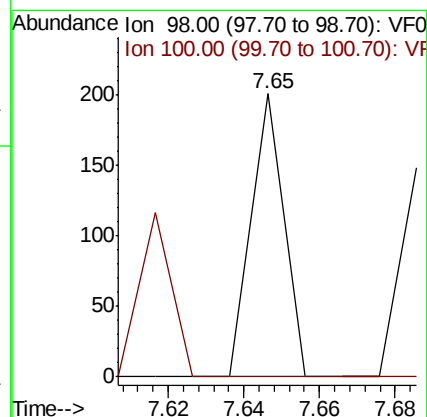
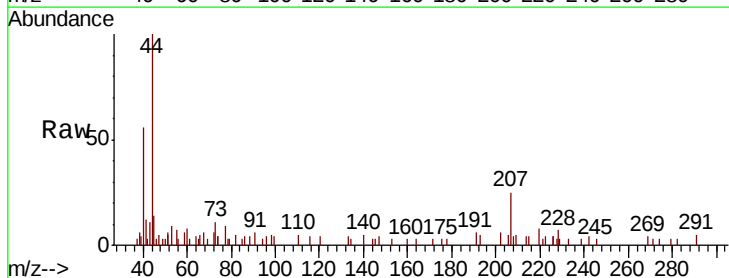
Acq: 15 May 2019 18:13

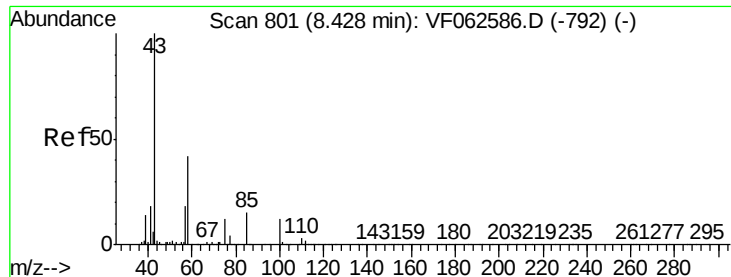
Tgt Ion: 98 Resp: 119

Ion Ratio Lower Upper

98 100

100 0.0 55.4 83.0#





#51

4-Methyl-2-Pentanone

Concen: 2226.837 ug/l

RT: 8.28 min Scan# 785

Delta R.T. -0.15 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

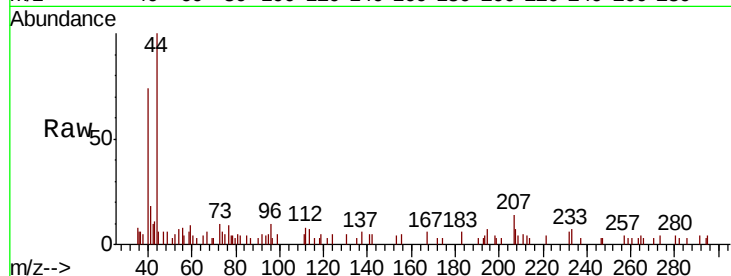
Instrument :
MSVOA_F
ClientSampleID :

Tot Ion: 43 Resp: 460

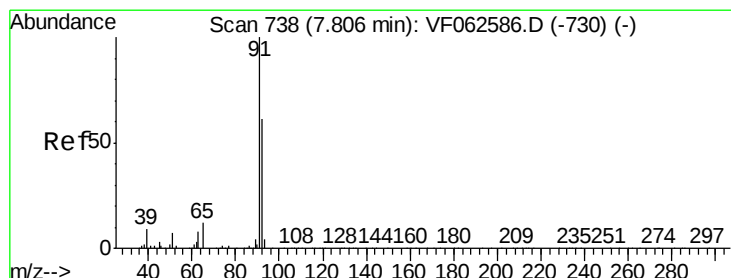
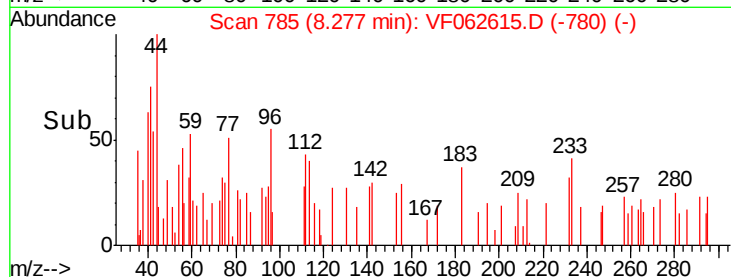
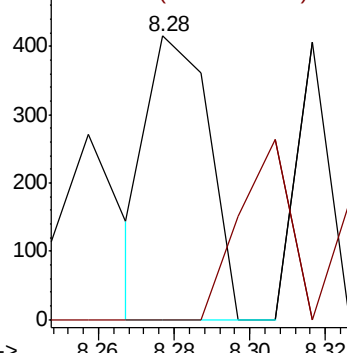
Ion Ratio Lower Upper

43 100

58 0.0 33.6 50.4#



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



#52

Toluene

Concen: 100.249 ug/l

RT: 7.76 min Scan# 733

Delta R.T. -0.04 min

Lab File: VF062615.D

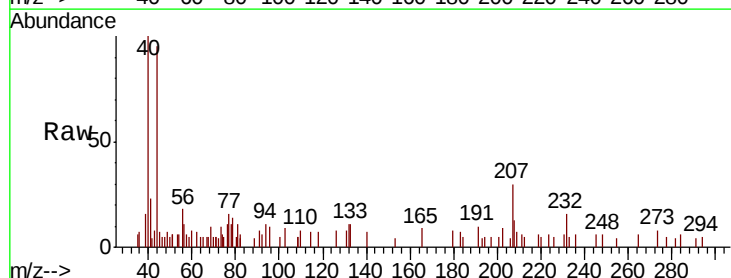
Acq: 15 May 2019 18:13

Tgt Ion: 92 Resp: 83

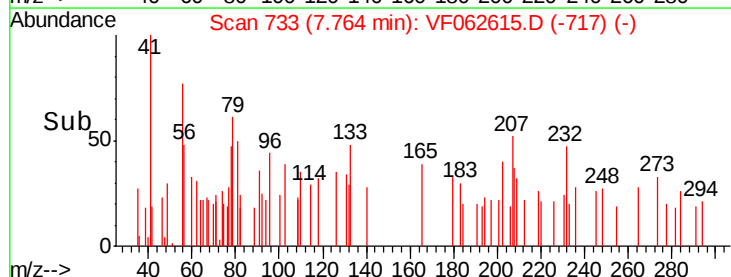
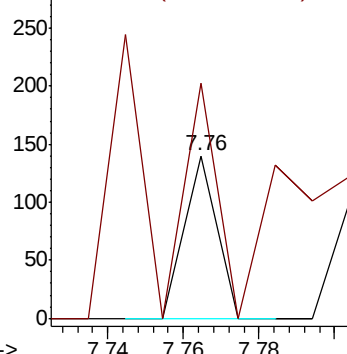
Ion Ratio Lower Upper

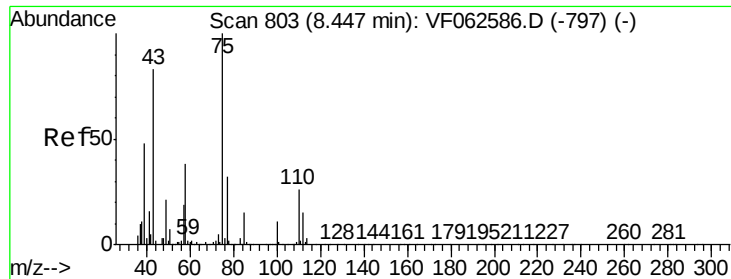
92 100

91 145.0 131.0 196.4



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

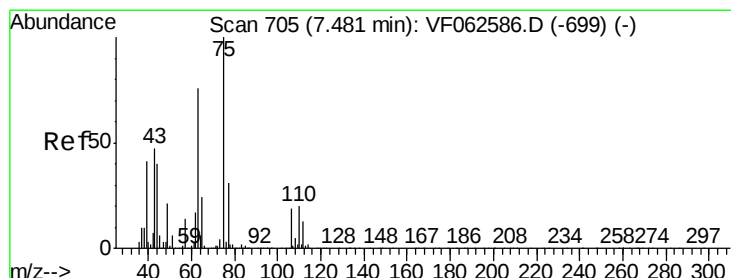
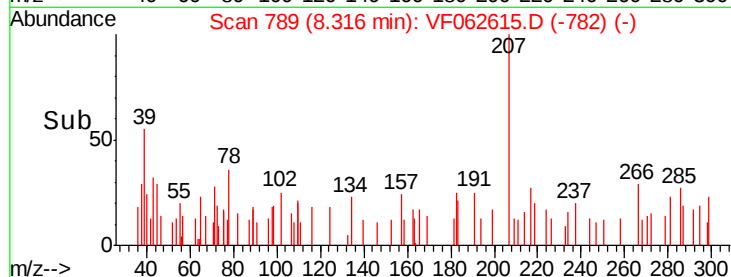
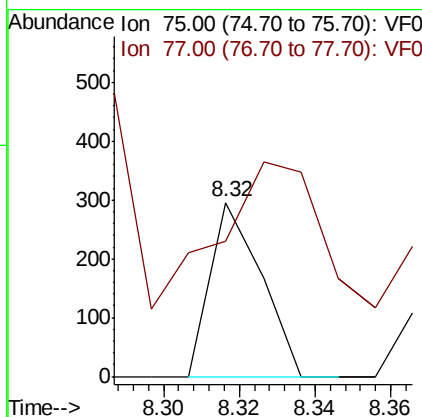
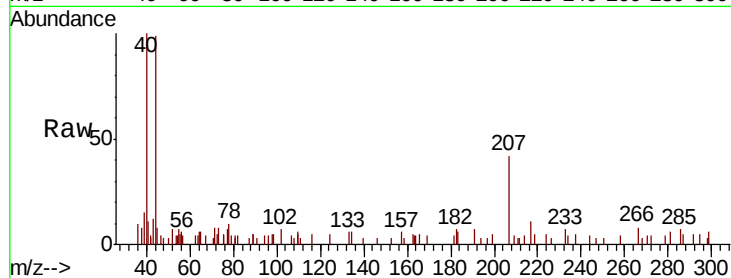




#53
 t-1,3-Dichloropropene
 Concen: 692.552 ug/l
 RT: 8.32 min Scan# 789
 Delta R.T. -0.13 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

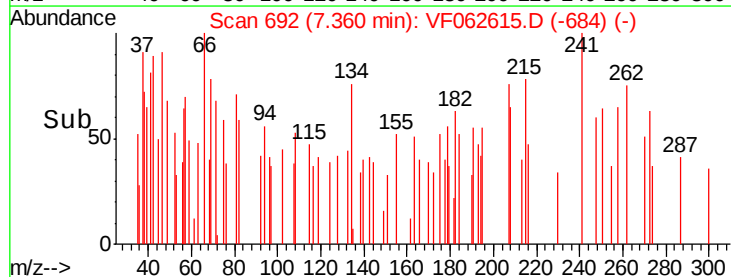
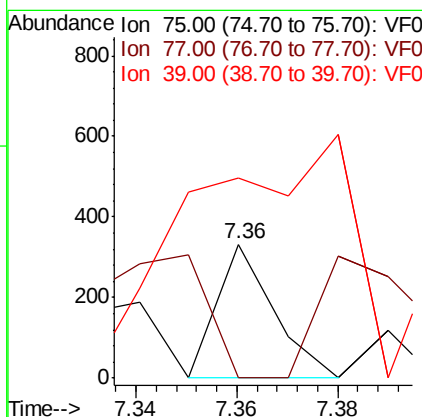
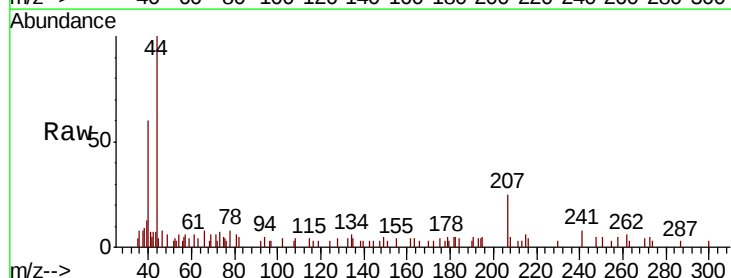
Instrument :
 MSVOA_F
 ClientSampleId :

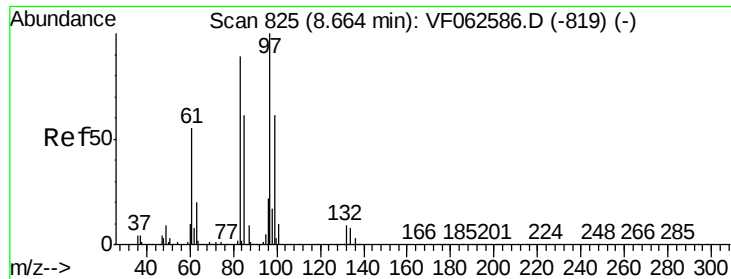
Tot Ion: 75 Resp: 273
 Ion Ratio Lower Upper
 75 100
 77 77.7 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 461.358 ug/l
 RT: 7.36 min Scan# 692
 Delta R.T. -0.12 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

Tgt Ion: 75 Resp: 257
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 150.0 32.8 49.2#





#55

1,1,2-Trichloroethane

Concen: 568.787 ug/l

RT: 8.52 min Scan# 810

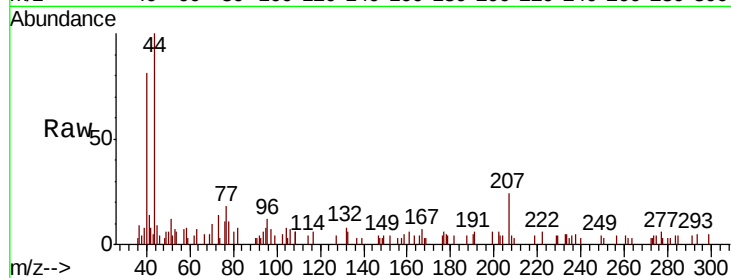
Delta R.T. -0.14 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	97	Resp:	141
Ion	Ratio	Lower	Upper
97	100		
83	0.0	71.3	106.9#
85	0.0	48.9	73.3#
99	56.3	48.4	72.6

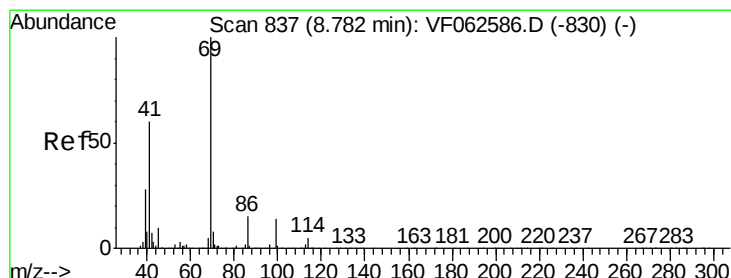
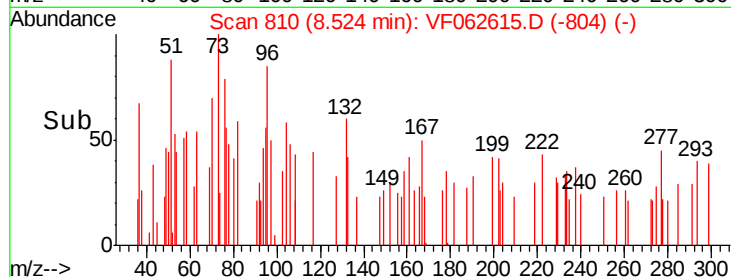
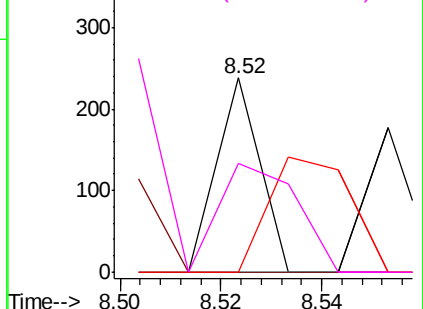


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 1365.496 ug/l

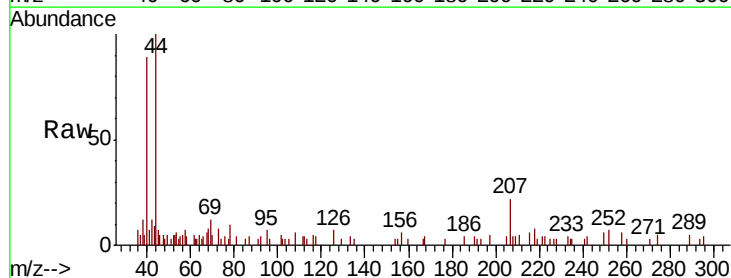
RT: 8.64 min Scan# 822

Delta R.T. -0.14 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

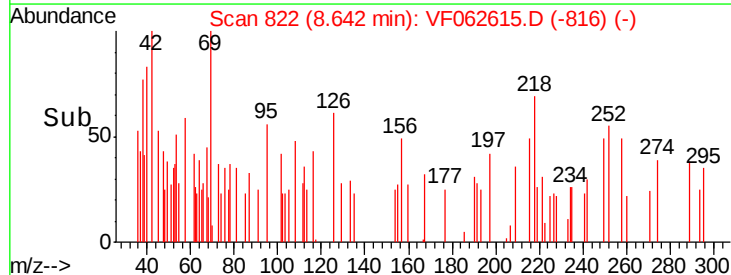
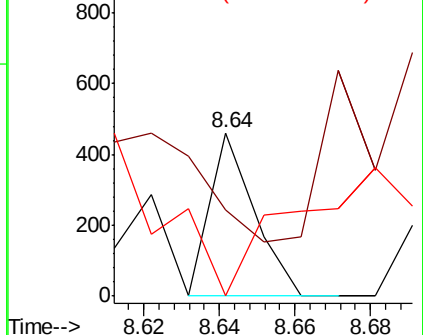
Tgt Ion:	69	Resp:	371
Ion	Ratio	Lower	Upper
69	100		
41	52.7	48.1	72.1
39	0.0	22.5	33.7#

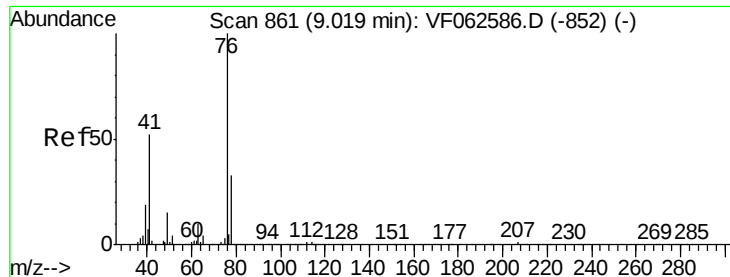


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

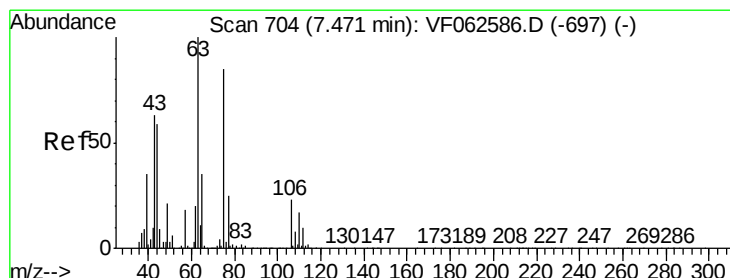
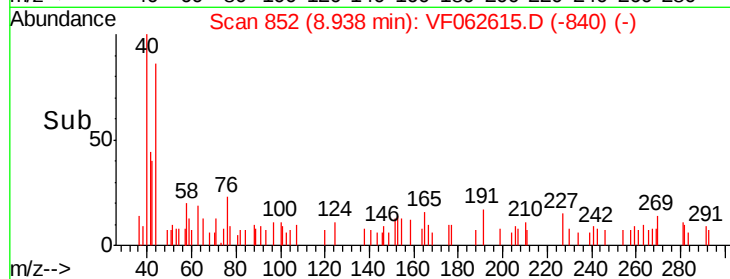
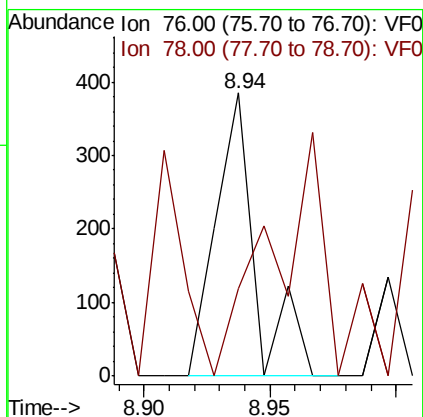
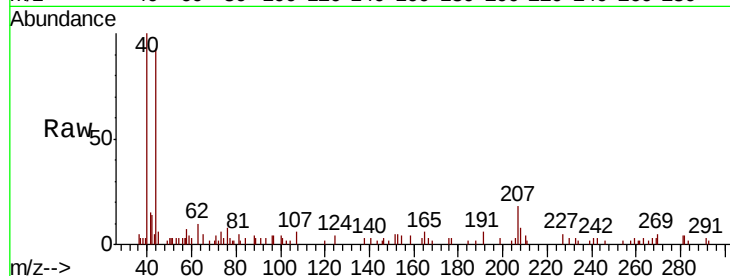




#57
 1,3-Dichloropropane
 Concen: 1024.076 ug/l
 RT: 8.94 min Scan# 852
 Delta R.T. -0.08 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

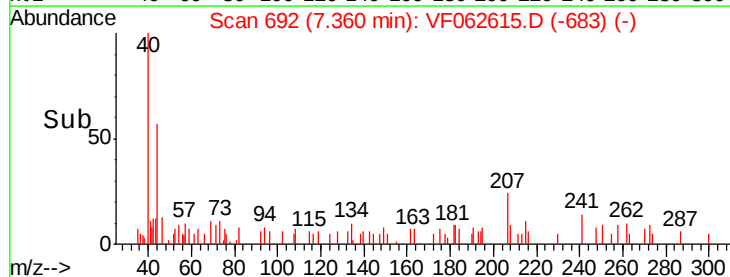
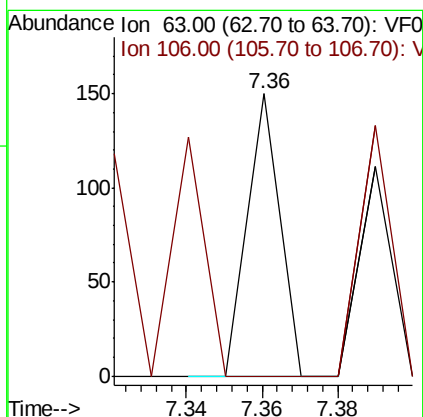
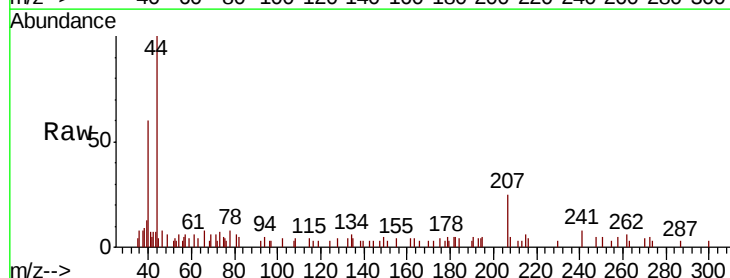
Instrument :
 MSVOA_F
 ClientSampleId :

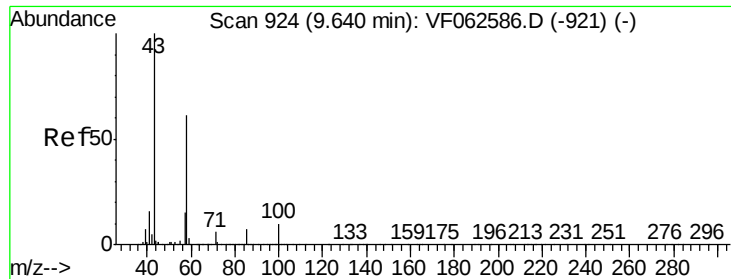
Tot Ion: 76 Resp: 419
 Ion Ratio Lower Upper
 76 100
 78 30.6 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 1046.926 ug/l
 RT: 7.36 min Scan# 692
 Delta R.T. -0.11 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

Tgt Ion: 63 Resp: 89
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.0 27.0#

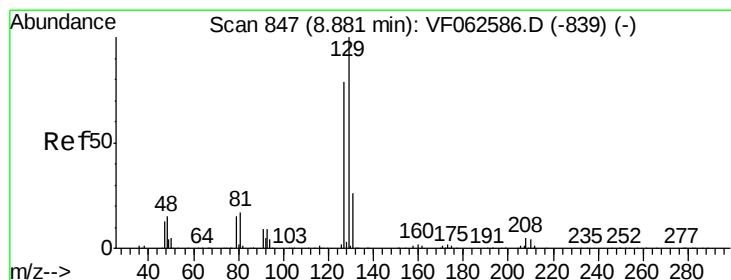
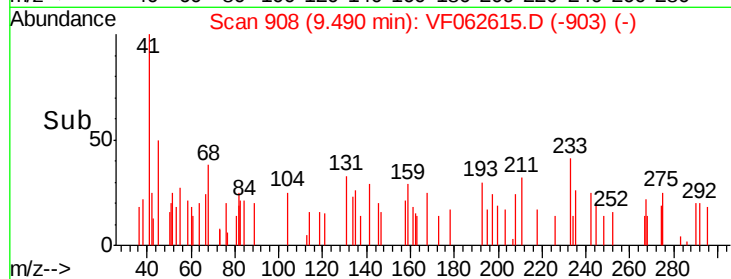
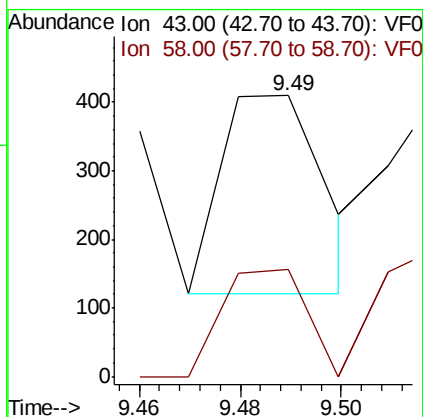
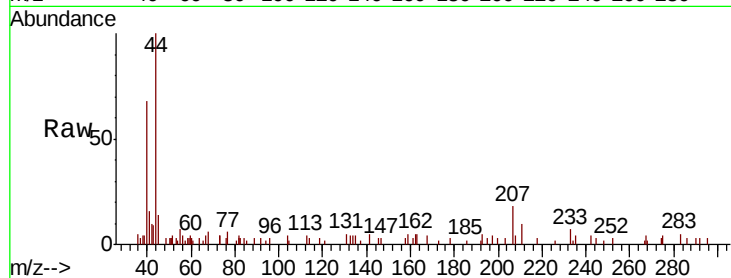




#59
2-Hexanone
Concen: 2997.899 ug/l
RT: 9.49 min Scan# 908
Delta R.T. -0.15 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

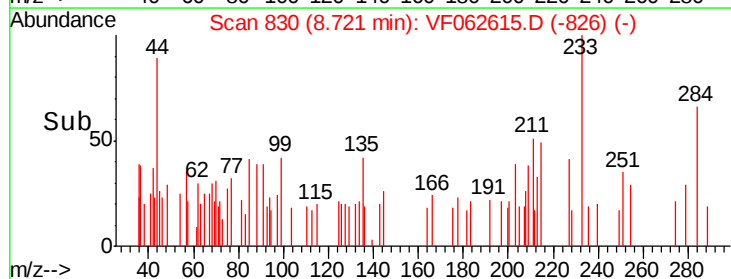
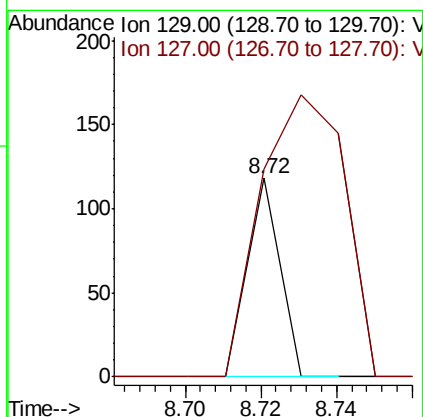
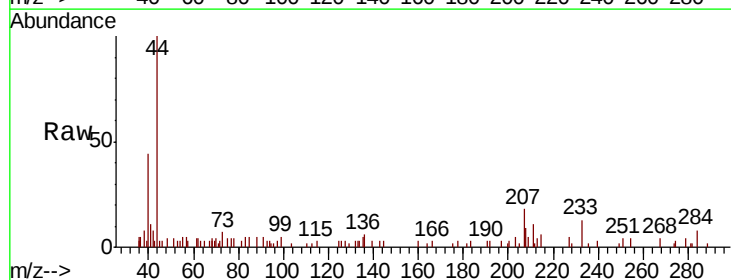
Instrument :
MSVOA_F
ClientSampled :

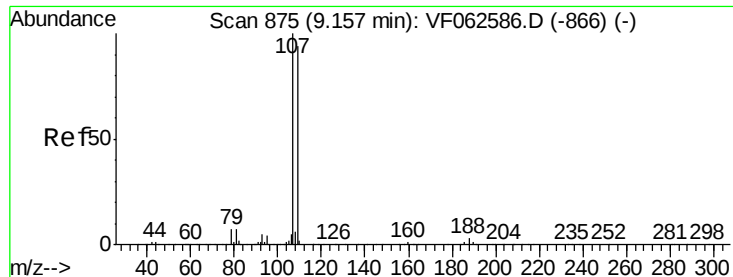
Tot Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
58 38.0 28.7 86.3



#60
Dibromochloromethane
Concen: 222.249 ug/l
RT: 8.72 min Scan# 830
Delta R.T. -0.16 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

Tgt Ion: 129 Resp: 70
Ion Ratio Lower Upper
129 100
127 105.1 39.3 117.9





#61

1,2-Dibromoethane

Concen: 341.875 ug/l

RT: 8.86 min Scan# 844

Delta R.T. -0.30 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

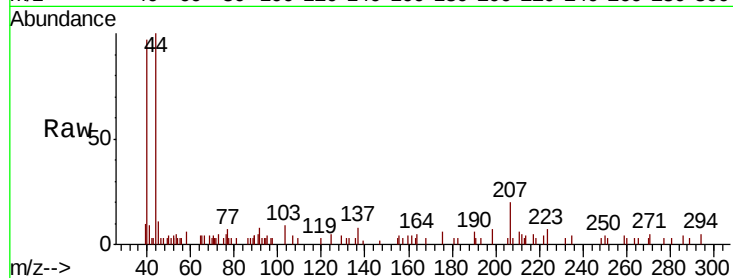
Instrument :
MSVOA_F
ClientSampled :

Tot Ion:107 Resp: 85

Ion Ratio Lower Upper

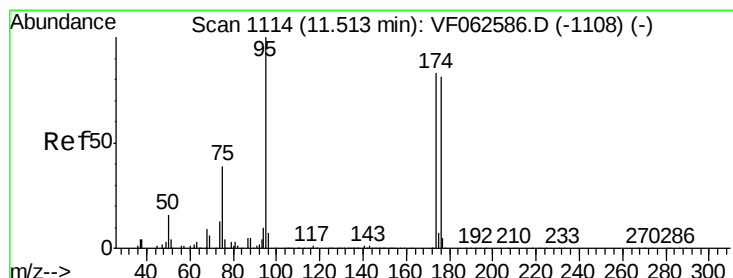
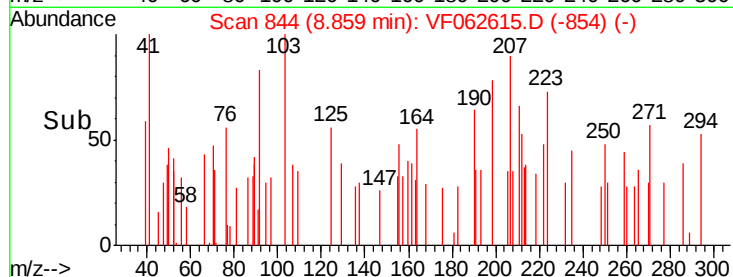
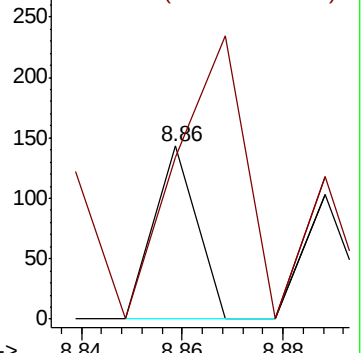
107 100

109 93.7 74.9 112.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 611.631 ug/l

RT: 11.36 min Scan# 1098

Delta R.T. -0.15 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

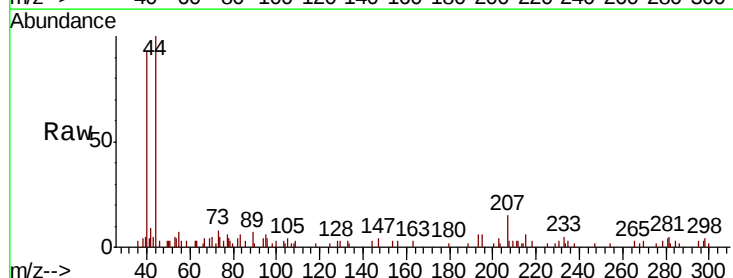
Tgt Ion: 95 Resp: 251

Ion Ratio Lower Upper

95 100

174 0.0 0.0 166.6

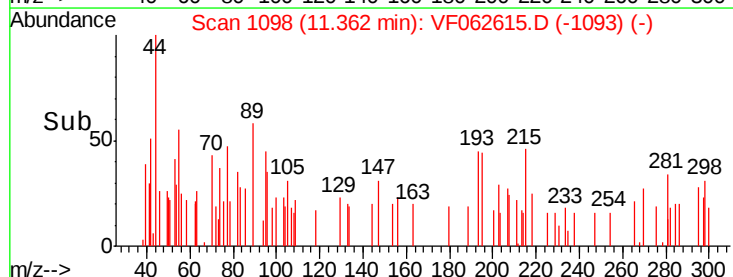
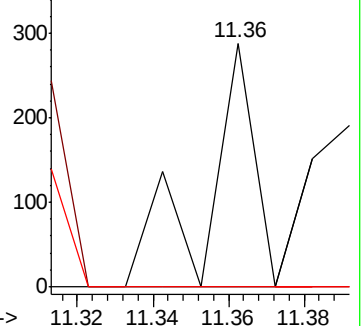
176 0.0 0.0 161.8

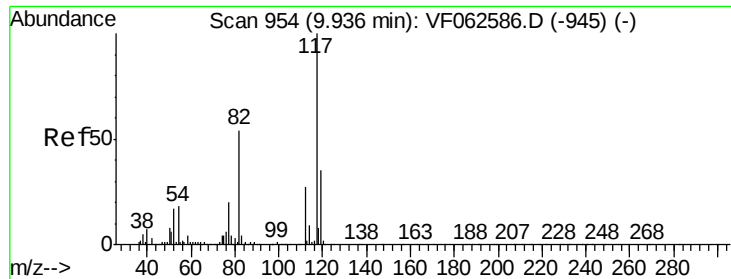


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 936

Delta R.T. -0.17 min

Lab File: VF062615.D

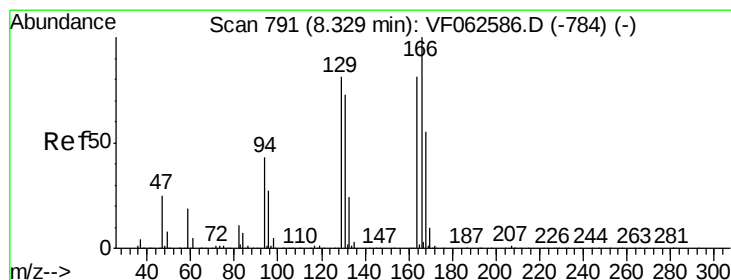
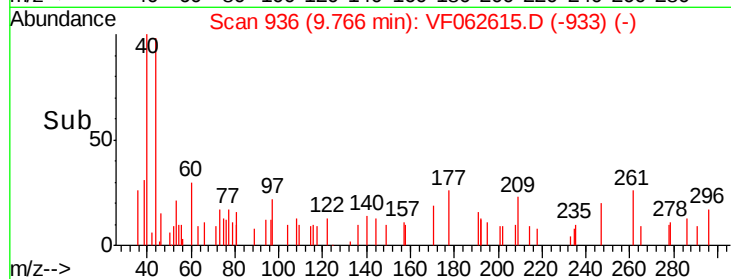
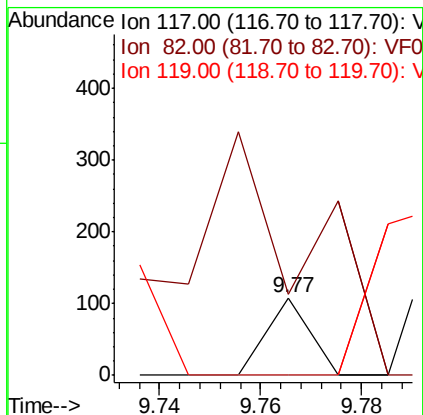
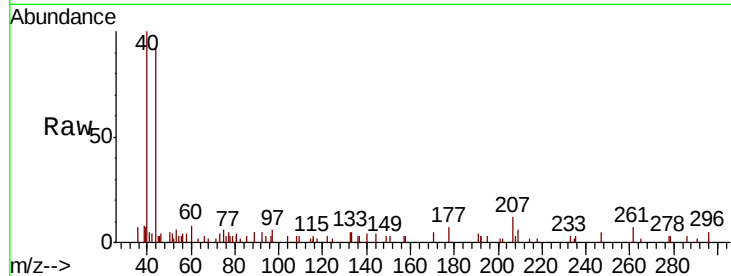
Acq: 15 May 2019 18:13

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	117	Resp:	64
Ion	Ratio	Lower	Upper
117	100		
82	104.6	43.4	65.0#
119	0.0	27.7	41.5#



#64

Tetrachloroethene

Concen: 503.654 ug/l

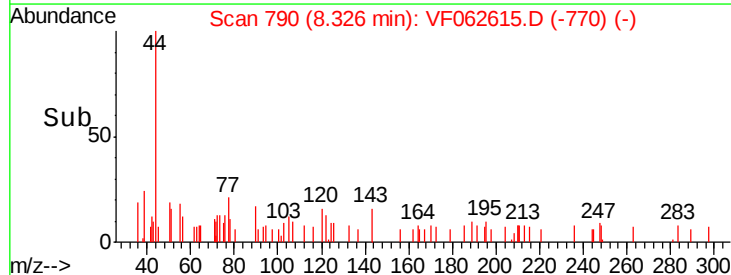
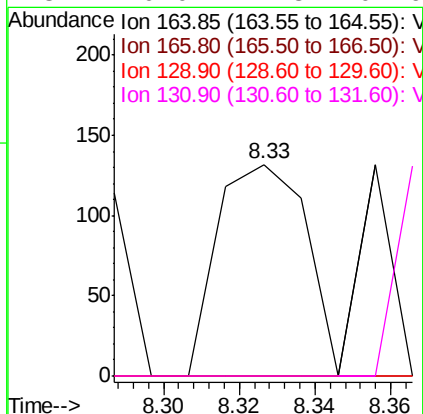
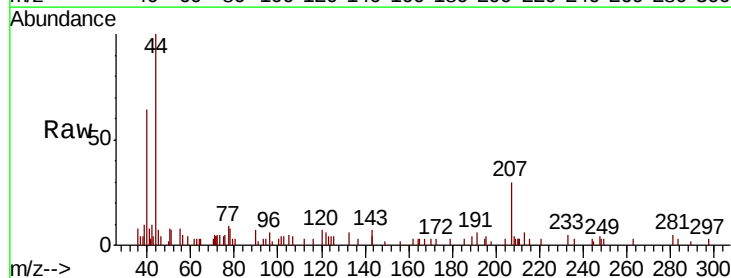
RT: 8.33 min Scan# 790

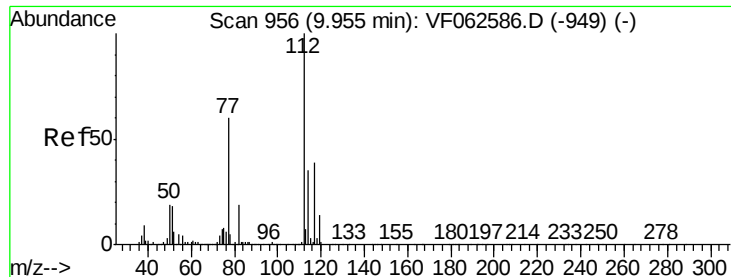
Delta R.T. -0.00 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Tgt Ion:	164	Resp:	213
Ion	Ratio	Lower	Upper
164	100		
166	0.0	98.6	148.0#
129	0.0	80.2	120.4#
131	0.0	71.8	107.6#

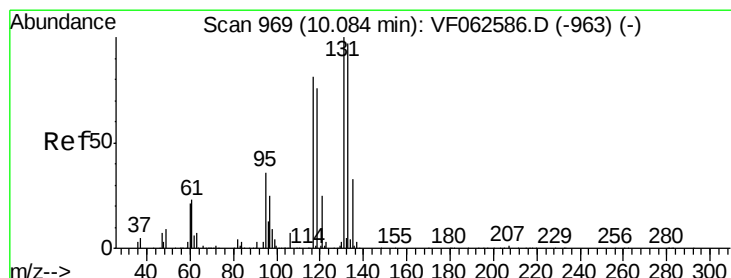
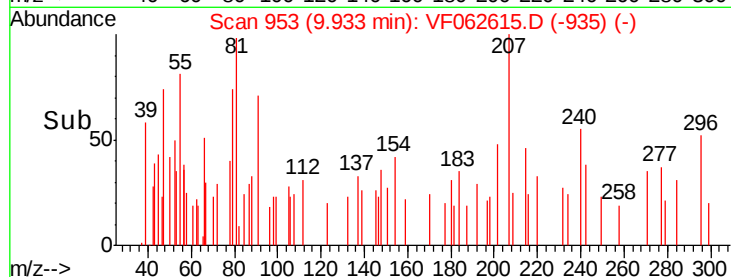
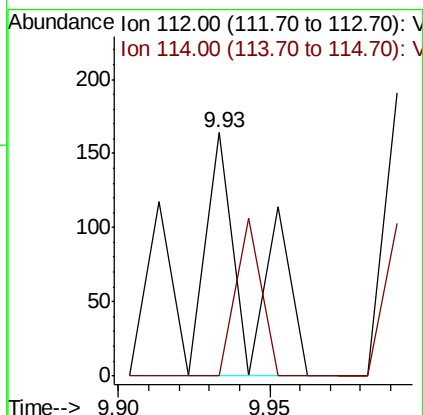
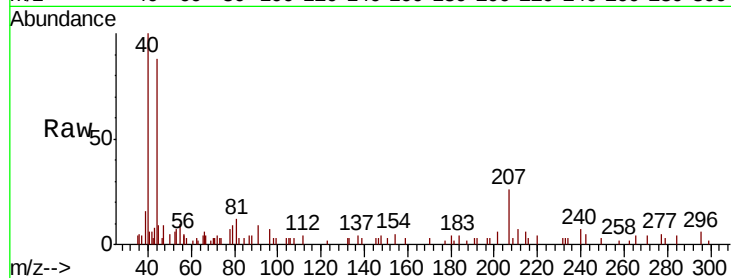




#65
Chlorobenzene
Concen: 147.396 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.02 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

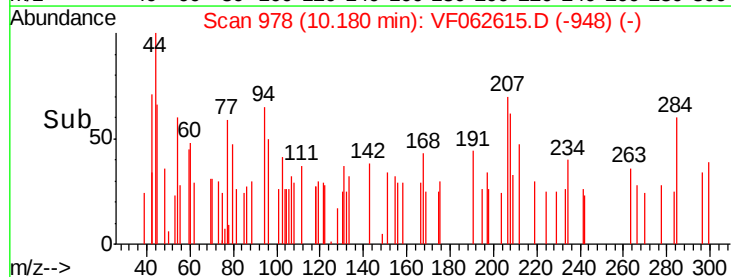
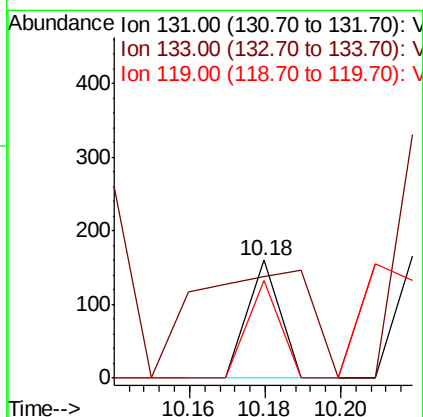
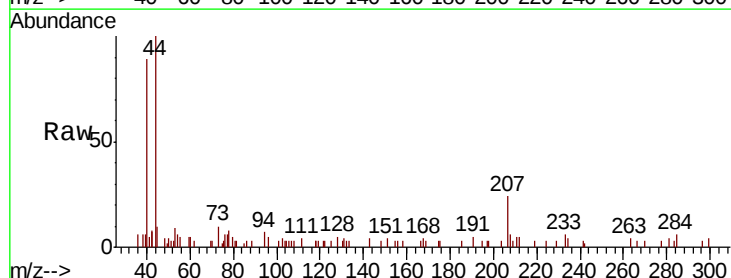
Instrument :
MSVOA_F
ClientSampled :

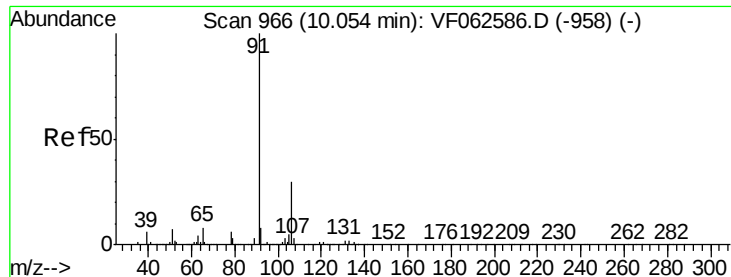
Tot Ion:112 Resp: 164
Ion Ratio Lower Upper
112 100
114 0.0 27.9 41.9#



#66
1,1,1,2-Tetrachloroethane
Concen: 207.872 ug/l
RT: 10.18 min Scan# 978
Delta R.T. 0.10 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

Tgt Ion:131 Resp: 95
Ion Ratio Lower Upper
131 100
133 85.6 48.4 145.3
119 82.5 38.5 115.5





#67

Ethyl Benzene

Concen: 197.791 ug/l

RT: 9.93 min Scan# 953

Delta R.T. -0.12 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

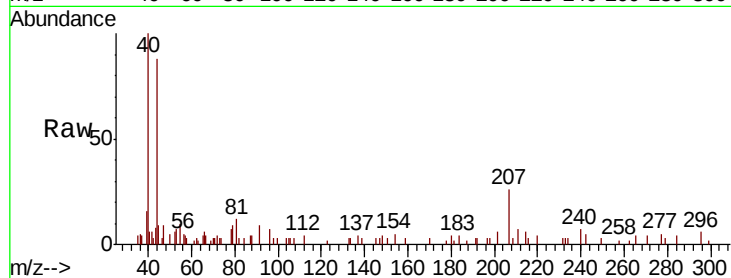
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 91 Resp: 391

Ion Ratio Lower Upper

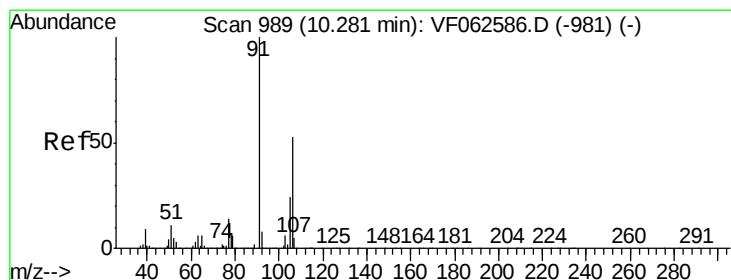
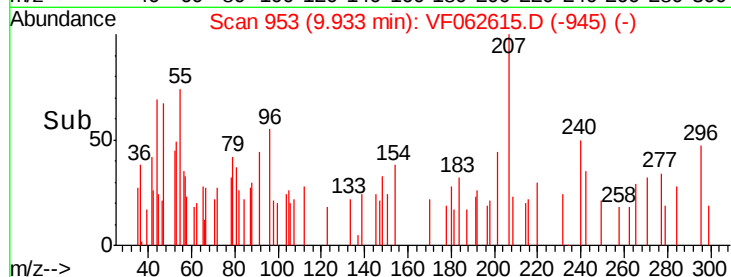
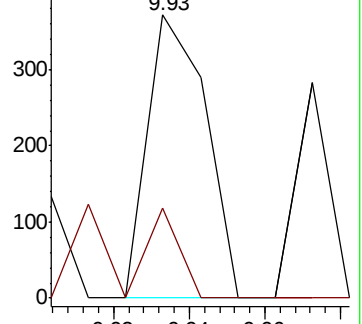
91 100

106 31.7 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 112.749 ug/l

RT: 10.21 min Scan# 981

Delta R.T. -0.07 min

Lab File: VF062615.D

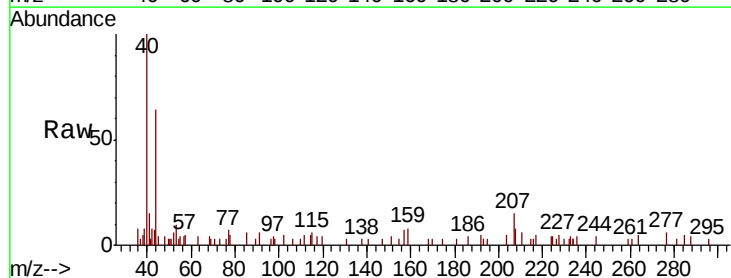
Acq: 15 May 2019 18:13

Tgt Ion: 106 Resp: 79

Ion Ratio Lower Upper

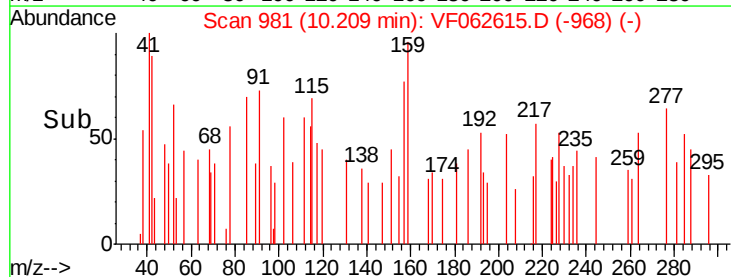
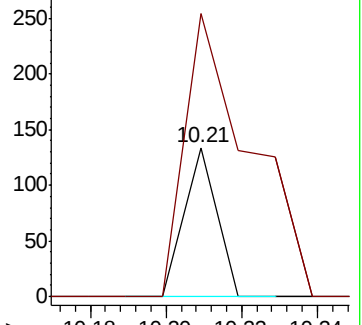
106 100

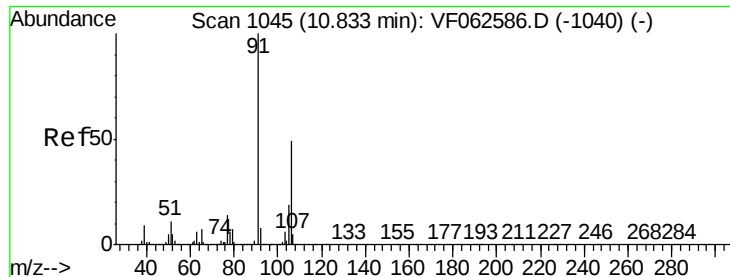
91 189.6 150.5 225.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

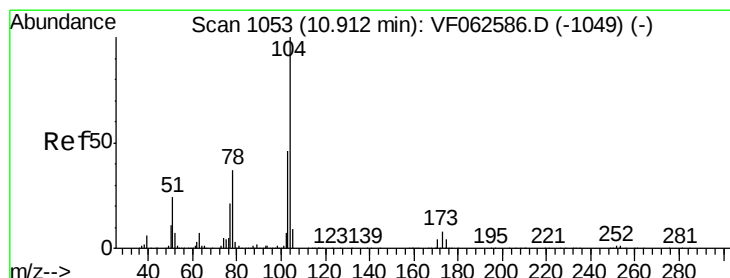
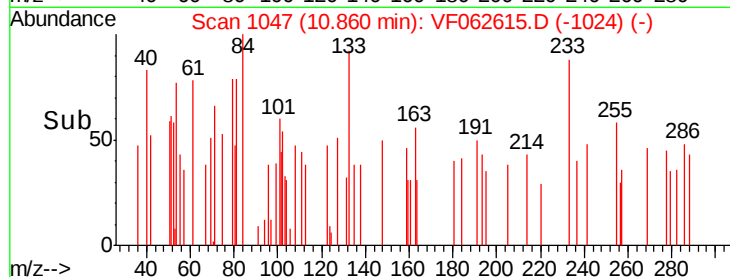
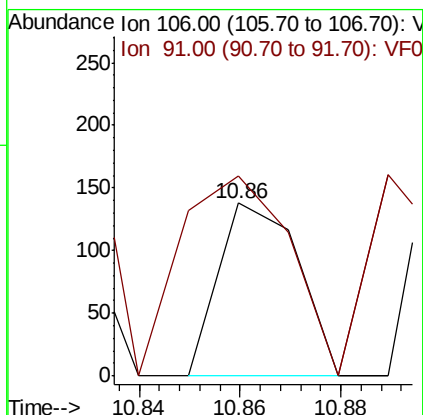
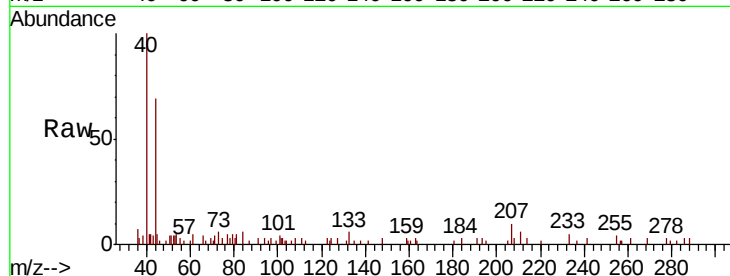




#69
o-Xylene
Concen: 205.437 ug/l
RT: 10.86 min Scan# 1047
Delta R.T. 0.03 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

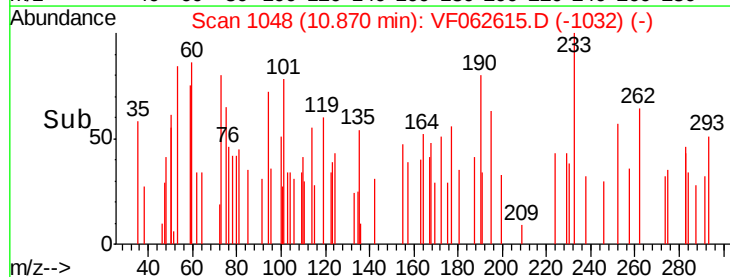
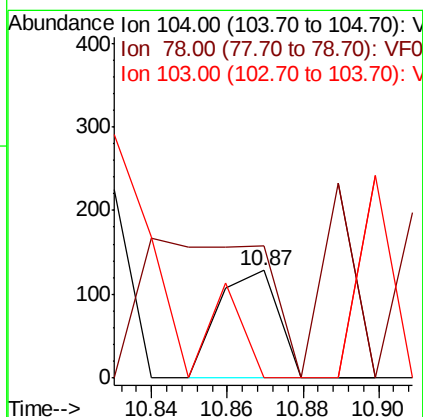
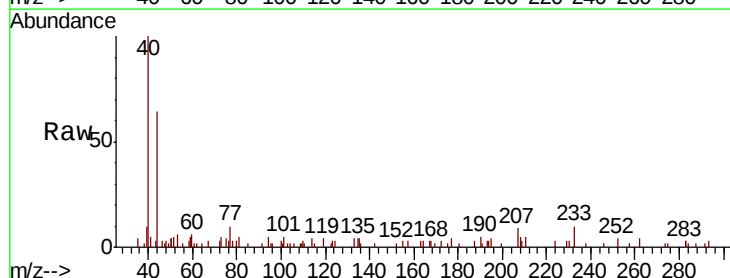
Instrument :
MSVOA_F
ClientSampleId :

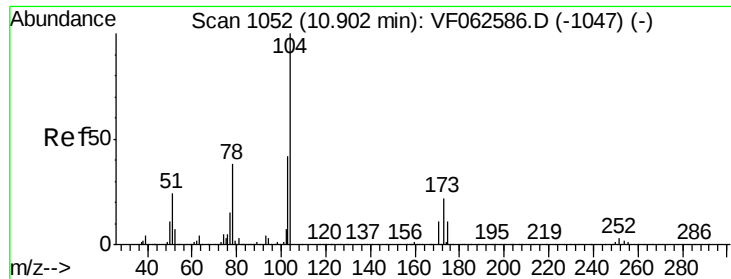
Tot Ion:106 Resp: 151
Ion Ratio Lower Upper
106 100
91 115.9 102.0 305.9



#70
Styrene
Concen: 125.351 ug/l
RT: 10.87 min Scan# 1048
Delta R.T. -0.04 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

Tgt Ion:104 Resp: 140
Ion Ratio Lower Upper
104 100
78 123.4 30.2 45.2#
103 0.0 37.0 55.6#





#71

Bromoform

Concen: 329.954 ug/l

RT: 10.89 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

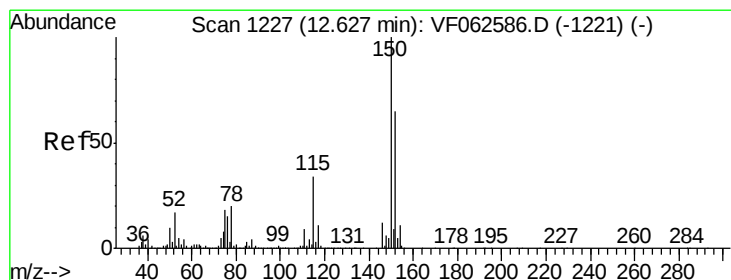
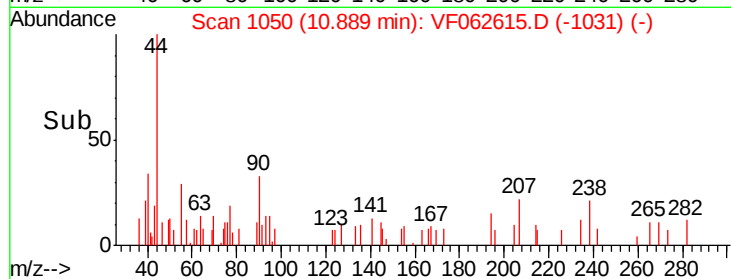
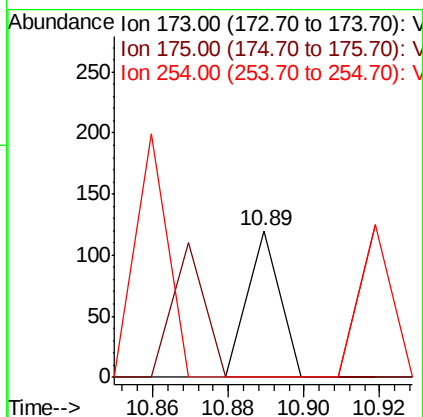
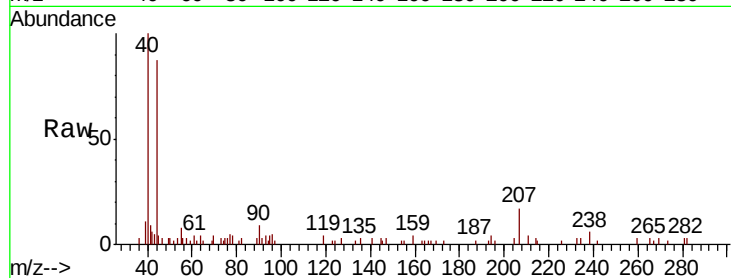
Instrument :

MSVOA_F

ClientSampled :

Tot Ion:173 Resp: 71

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.1	72.3#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

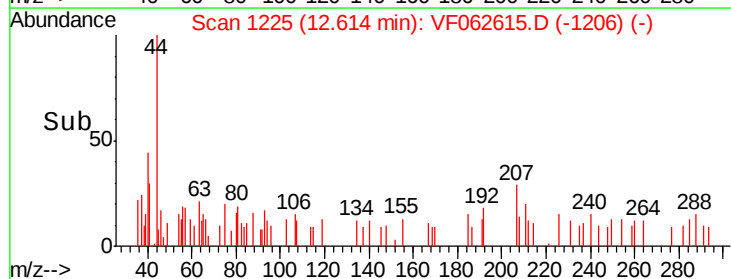
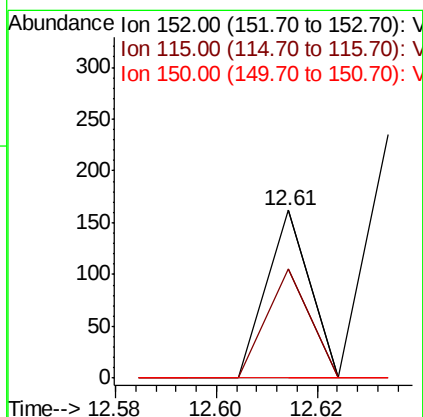
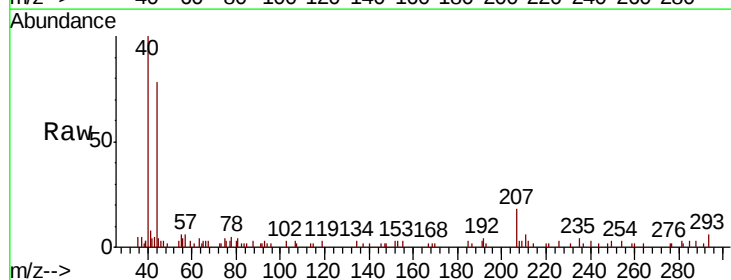
Delta R.T. -0.01 min

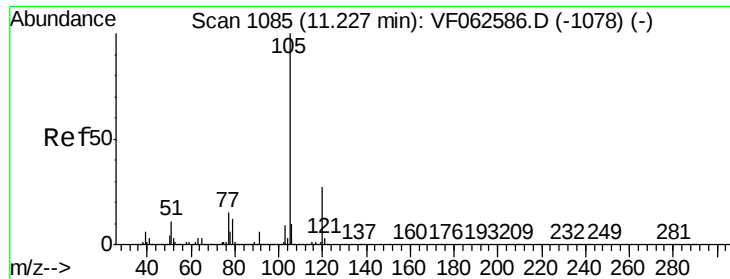
Lab File: VF062615.D

Acq: 15 May 2019 18:13

Tgt Ion:152 Resp: 96

Ion	Ratio	Lower	Upper
152	100		
115	65.4	26.2	78.6
150	0.0	0.0	316.0





#73

Isopropylbenzene

Concen: 10.690 ug/l

RT: 11.21 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Instrument :

MSVOA_F

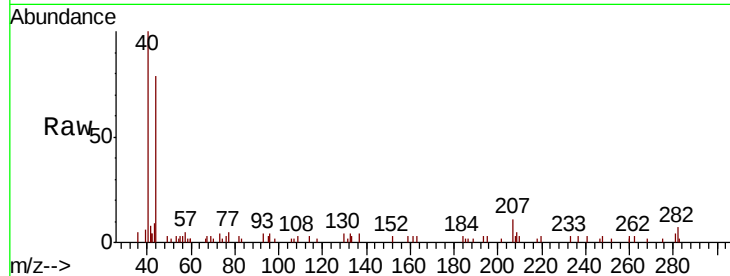
ClientSampled :

Tot Ion:105 Resp: 69

Ion Ratio Lower Upper

105 100

120 0.0 13.5 40.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

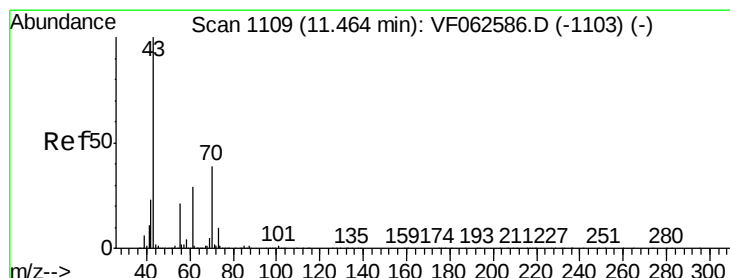
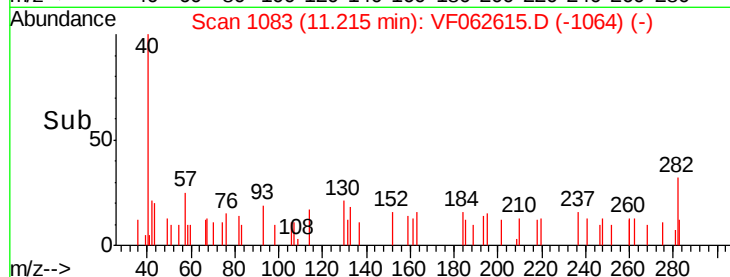
11.21

100

50

0

Time-->



#74

N-ethyl acetate

Concen: 297.328 ug/l

RT: 11.46 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Tgt Ion: 43 Resp: 466

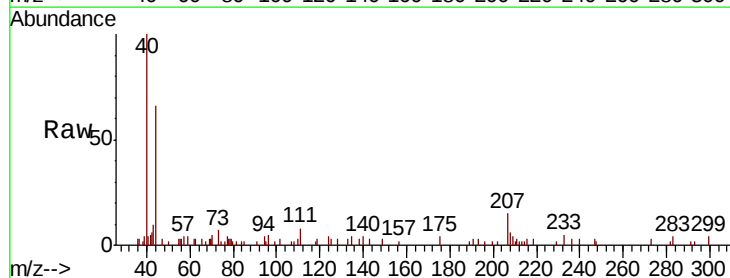
Ion Ratio Lower Upper

43 100

70 82.6 31.0 46.4#

55 56.1 16.7 25.1#

61 28.7 23.4 35.2



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

1000

800

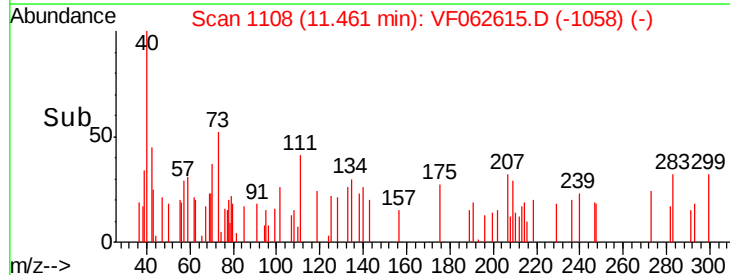
600

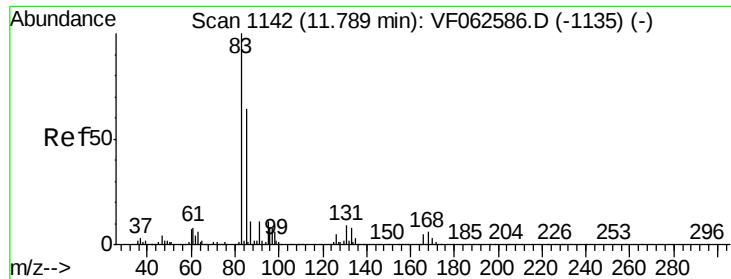
400

200

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 284.342 ug/l

RT: 11.77 min Scan# 1139

Delta R.T. -0.02 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Instrument :

MSVOA_F

ClientSampled :

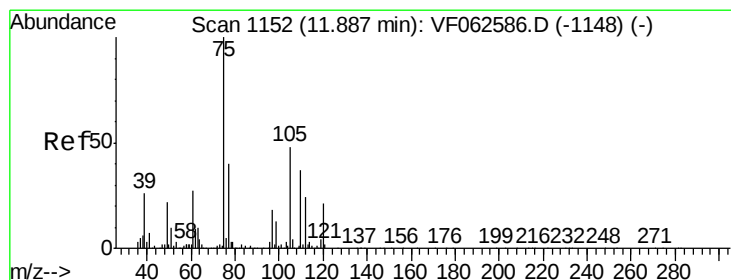
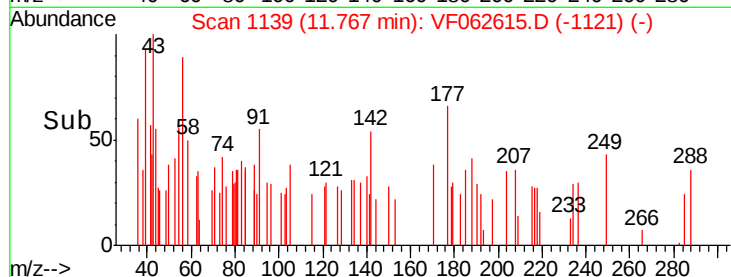
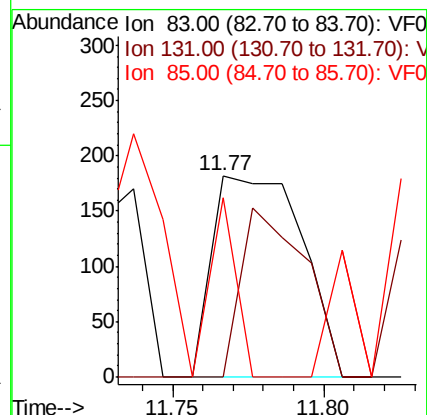
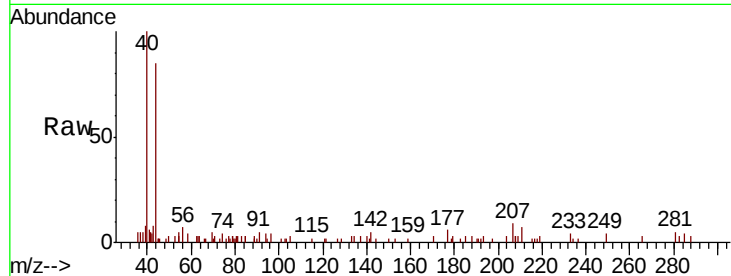
Tot Ion: 83 Resp: 376

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

85 89.0 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 266.591 ug/l

RT: 11.74 min Scan# 1136

Delta R.T. -0.15 min

Lab File: VF062615.D

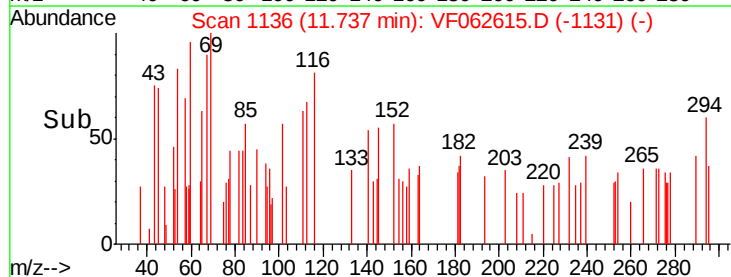
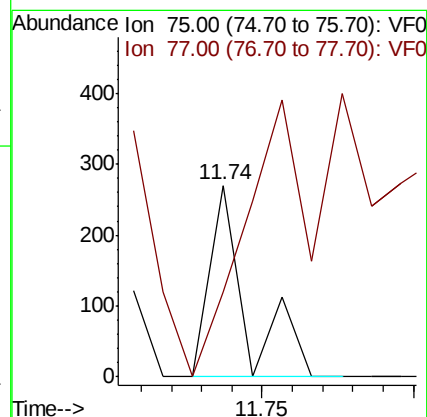
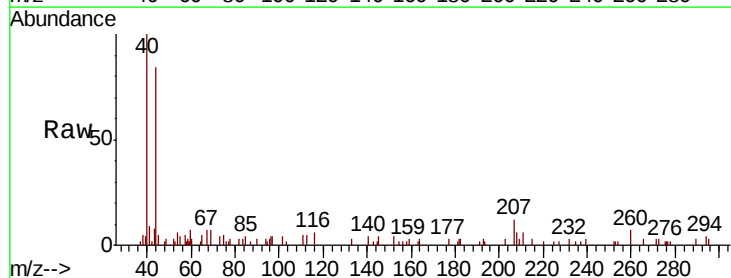
Acq: 15 May 2019 18:13

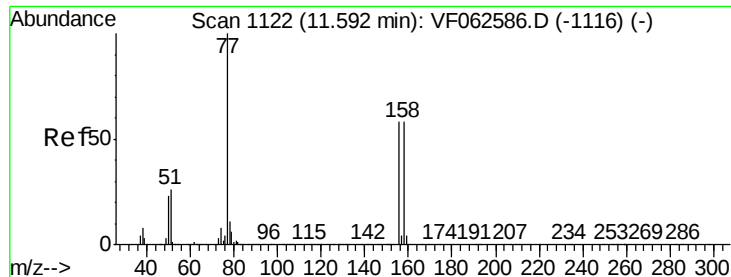
Tgt Ion: 75 Resp: 226

Ion Ratio Lower Upper

75 100

77 44.4 20.4 61.3





#77

Bromobenzene

Concen: 46.618 ug/l

RT: 11.74 min Scan# 1136

Delta R.T. 0.15 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Instrument :

MSVOA_F

ClientSampleId :

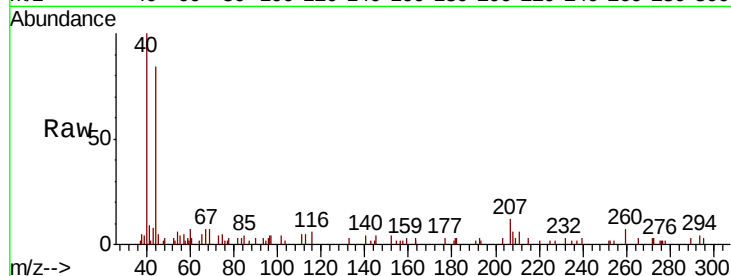
Tot Ion:156 Resp: 68

Ion Ratio Lower Upper

156 100

77 104.3 86.5 259.5

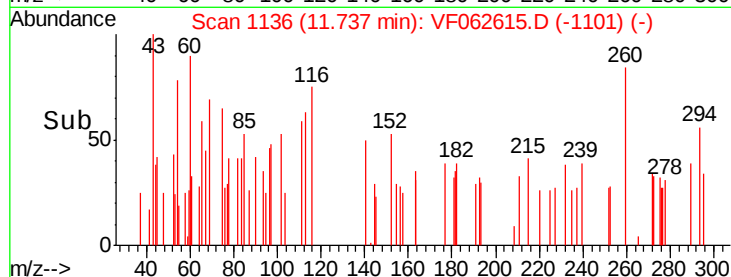
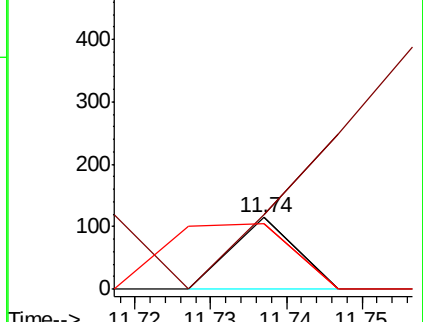
158 90.4 50.3 150.9



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 34.907 ug/l

RT: 11.69 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VF062615.D

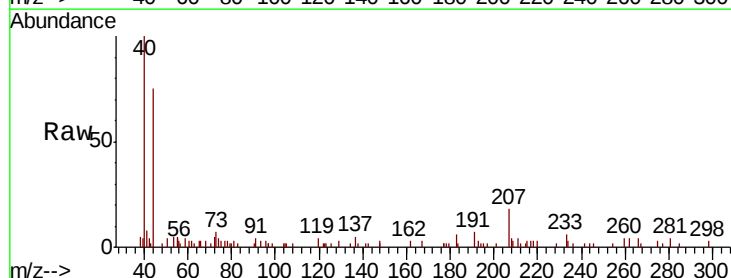
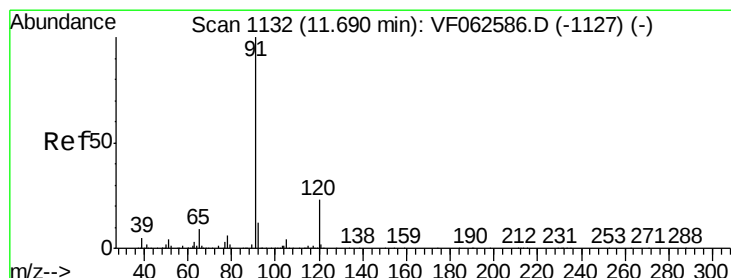
Acq: 15 May 2019 18:13

Tgt Ion: 91 Resp: 268

Ion Ratio Lower Upper

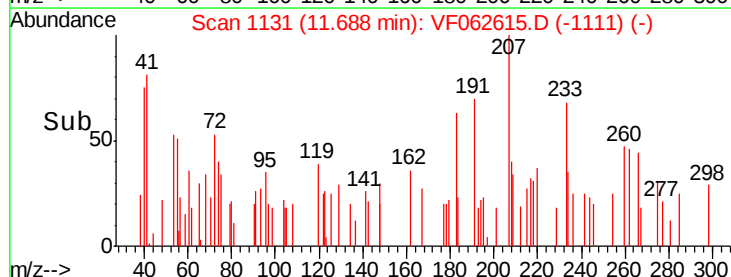
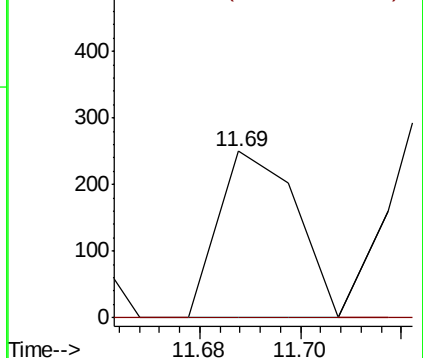
91 100

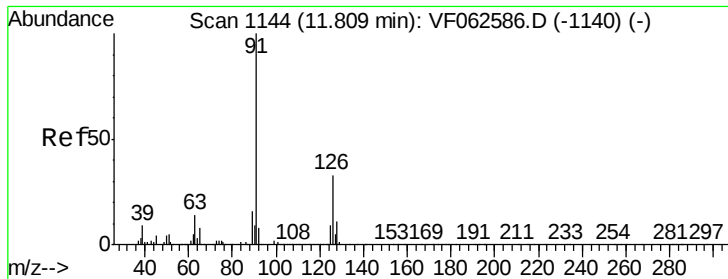
120 0.0 11.7 35.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

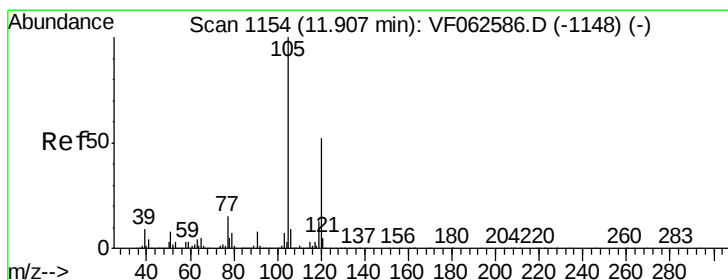
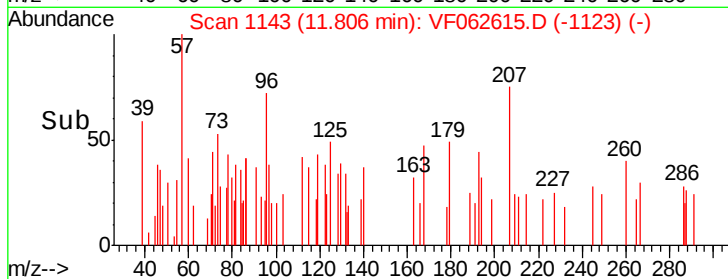
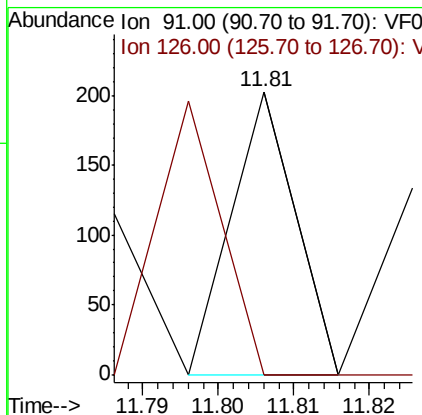
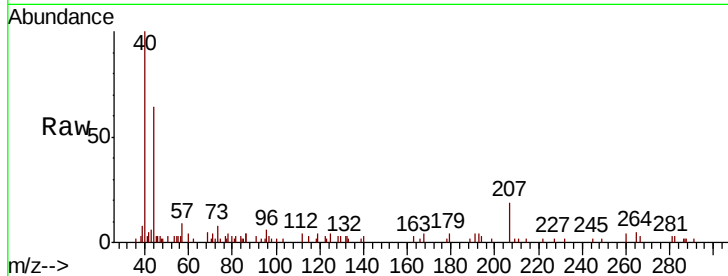




#79
 2-Chlorotoluene
 Concen: 28.321 ug/l
 RT: 11.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

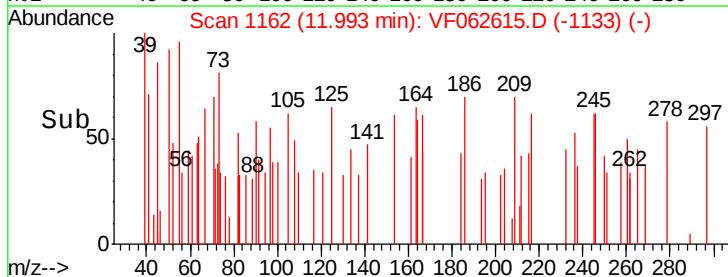
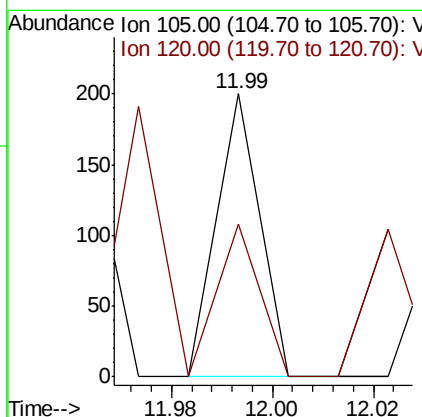
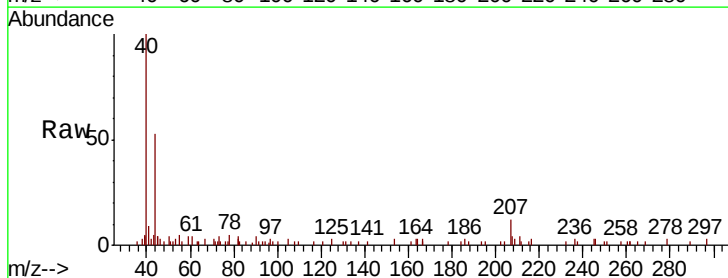
Instrument :
 MSVOA_F
 ClientSampled :

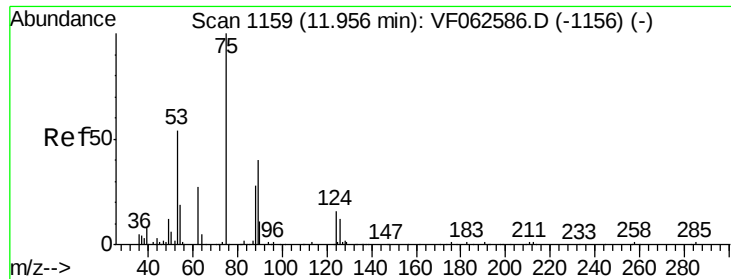
Tot Ion: 91 Resp: 120
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 23.354 ug/l
 RT: 11.99 min Scan# 1162
 Delta R.T. 0.09 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

Tgt Ion:105 Resp: 118
 Ion Ratio Lower Upper
 105 100
 120 54.0 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 595.021 ug/l

RT: 11.93 min Scan# 1156

Delta R.T. -0.02 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Instrument :

MSVOA_F

ClientSampled :

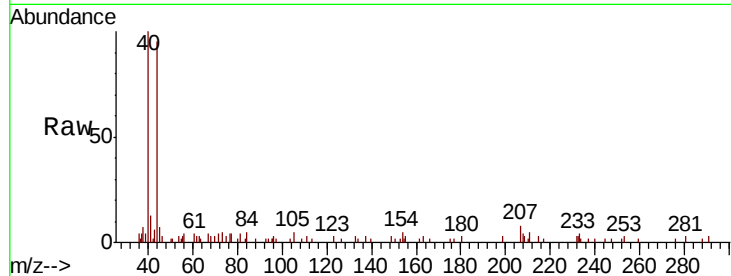
Tot Ion: 75 Resp: 215

Ion Ratio Lower Upper

75 100

53 0.0 46.6 70.0#

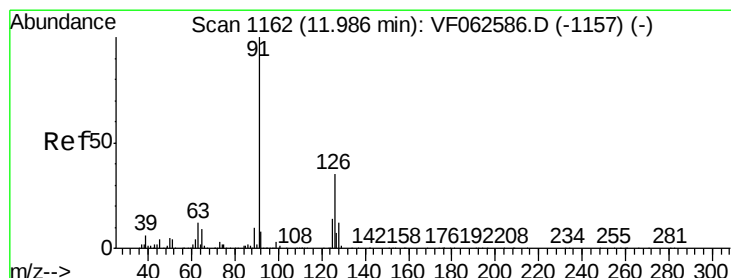
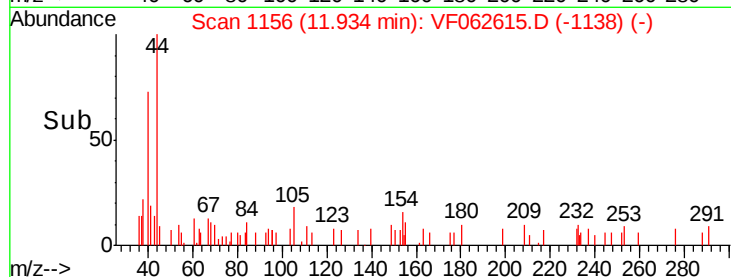
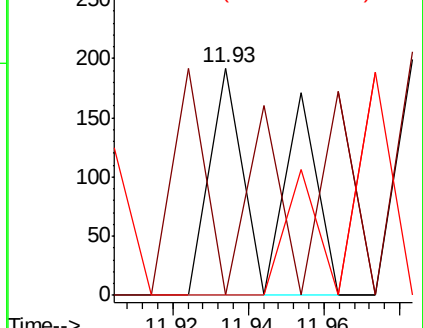
89 0.0 33.8 50.8#



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: 99.204 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. -0.03 min

Lab File: VF062615.D

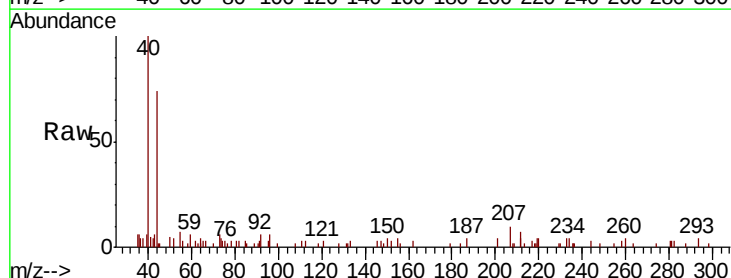
Acq: 15 May 2019 18:13

Tgt Ion: 91 Resp: 411

Ion Ratio Lower Upper

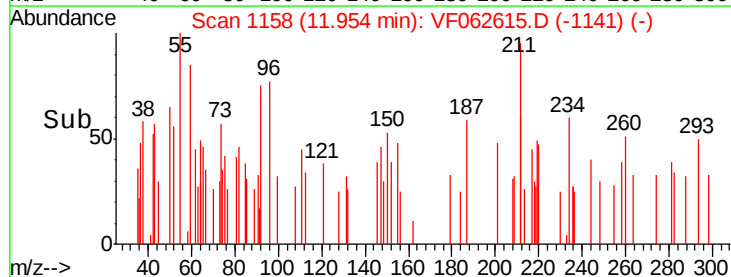
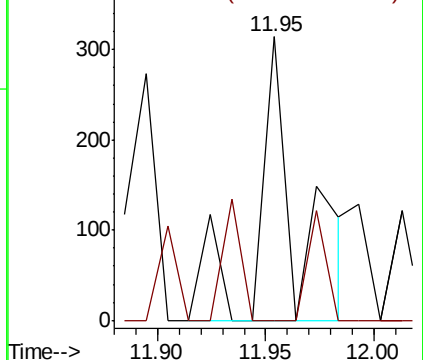
91 100

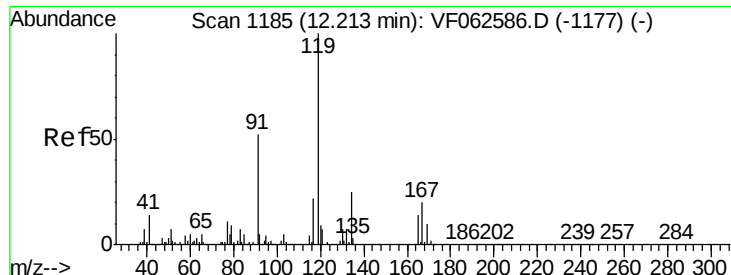
126 0.0 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#83

tert-Butylbenzene

Concen: 35.192 ug/l

RT: 12.21 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VF062615.D

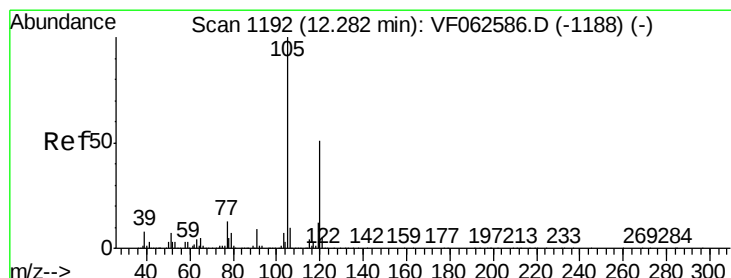
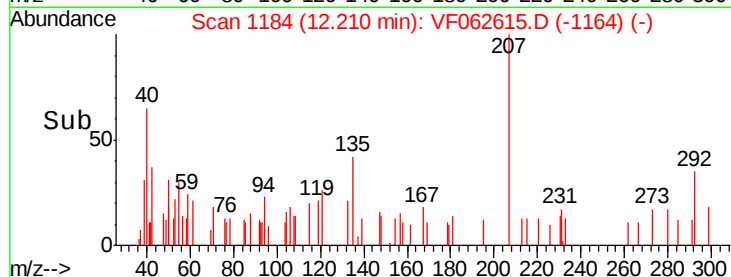
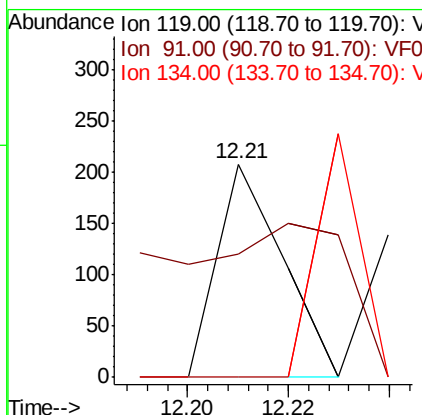
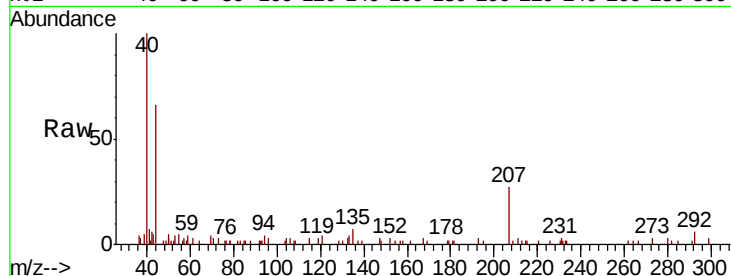
Acq: 15 May 2019 18:13

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	119	Resp:	186
Ion	Ratio	Lower	Upper
119	100		
91	57.7	26.0	78.0
134	0.0	12.6	37.8#



#84

1,2,4-Trimethylbenzene

Concen: 66.489 ug/l

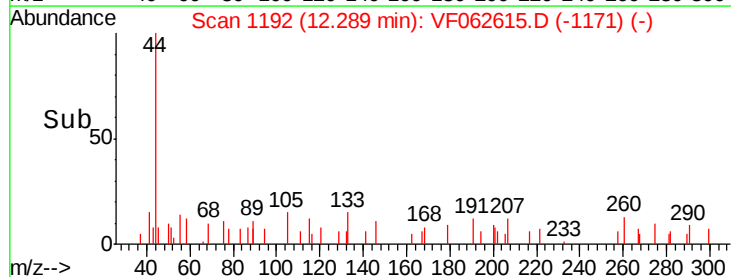
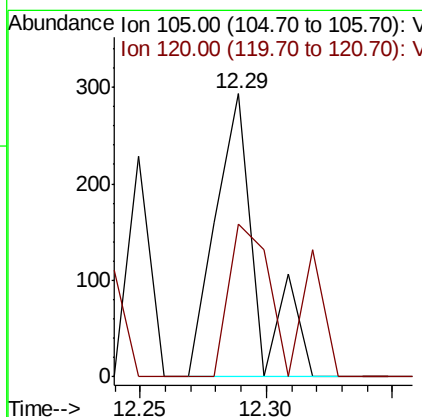
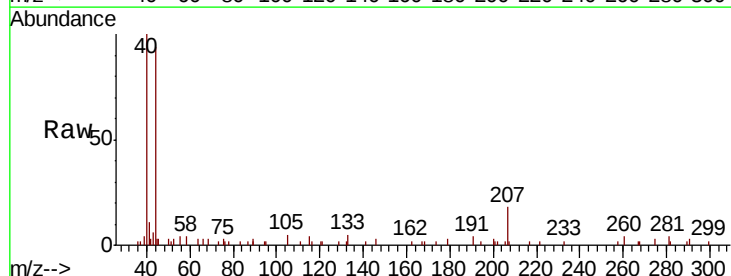
RT: 12.29 min Scan# 1192

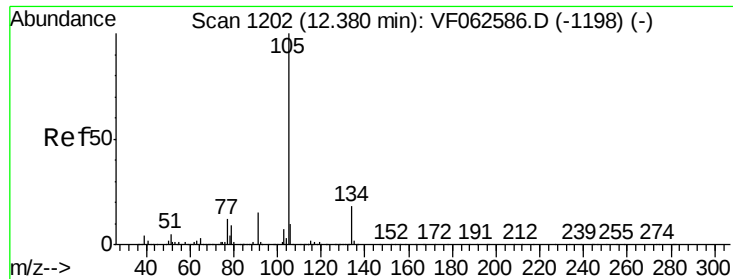
Delta R.T. 0.01 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Tgt Ion:	105	Resp:	330
Ion	Ratio	Lower	Upper
105	100		
120	53.9	25.4	76.0

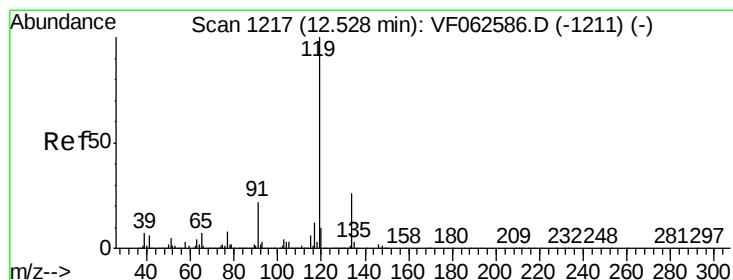
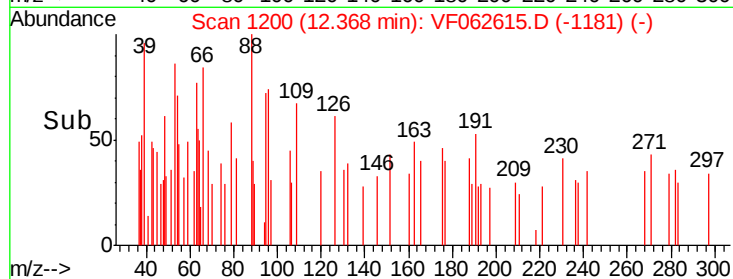
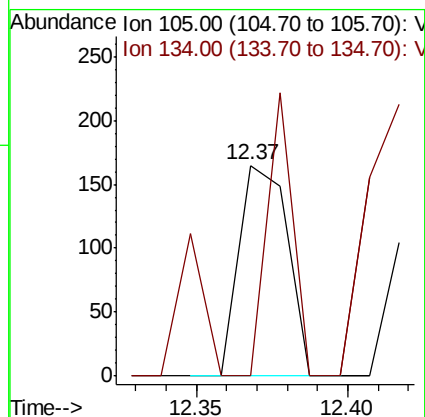
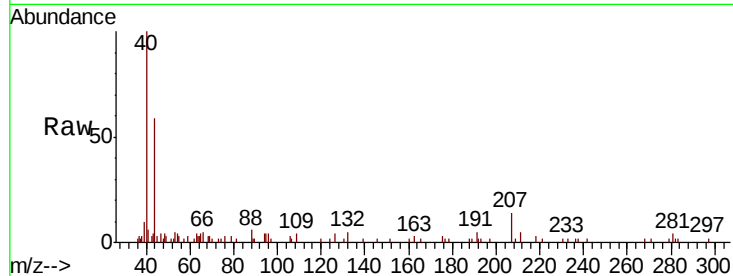




#85
 sec-Butylbenzene
 Concen: 25.921 ug/l
 RT: 12.37 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

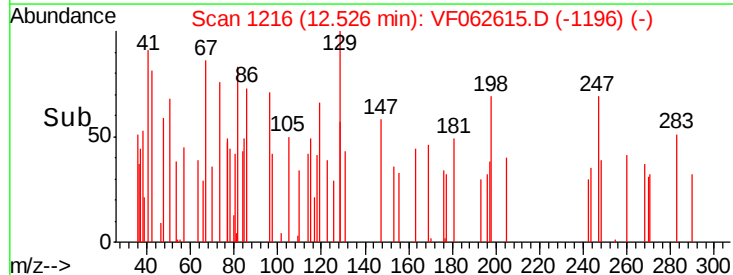
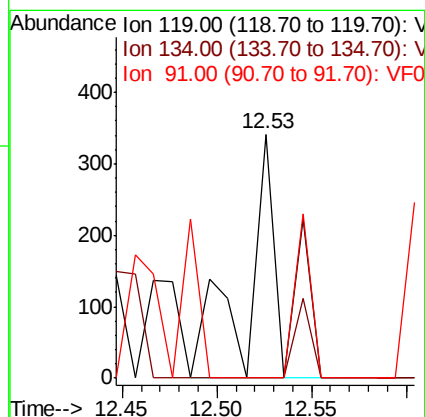
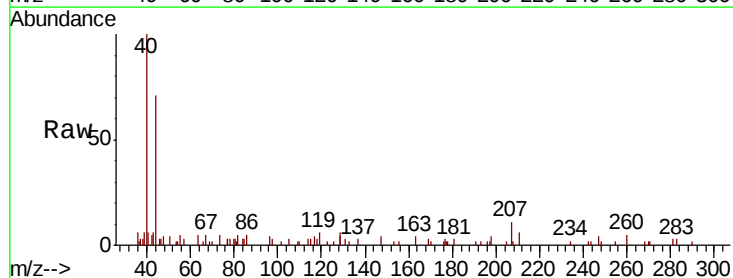
Instrument :
 MSVOA_F
 ClientSampleId :

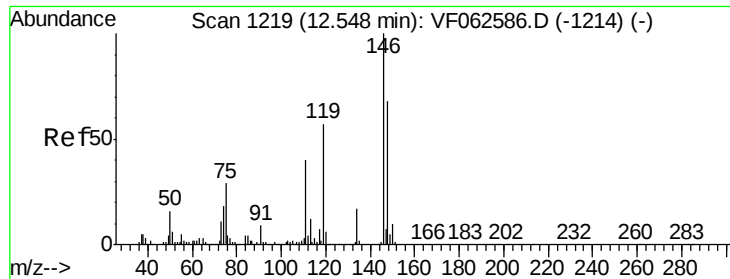
Tot Ion:105 Resp: 186
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.7#



#86
 p-Isopropyltoluene
 Concen: 81.434 ug/l
 RT: 12.53 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

Tgt Ion:119 Resp: 481
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.0 39.0#
 91 0.0 10.9 32.9#





#87

1,3-Dichlorobenzene

Concen: 23.134 ug/l

RT: 12.54 min Scan# 1217

Delta R.T. -0.01 min

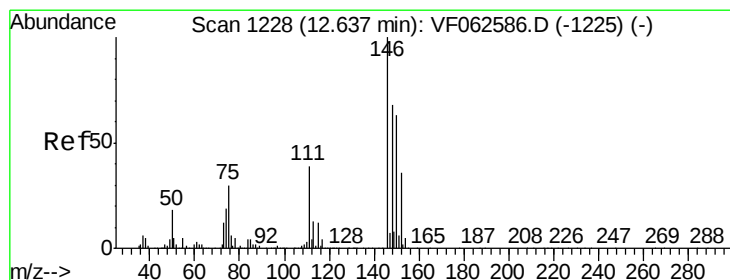
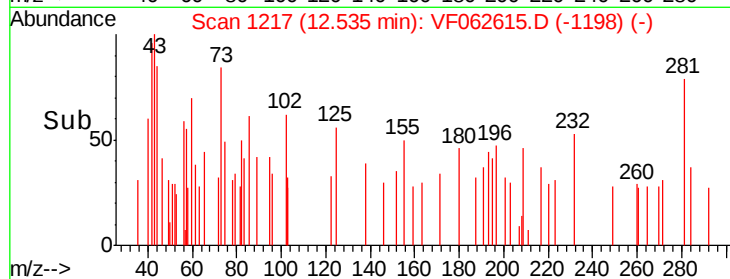
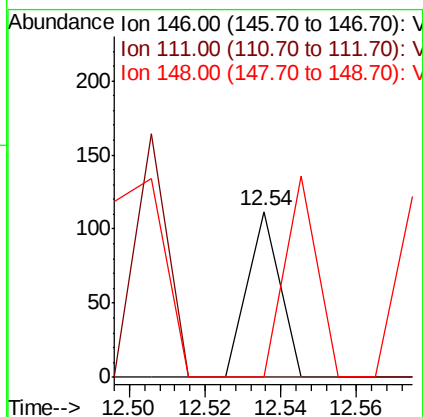
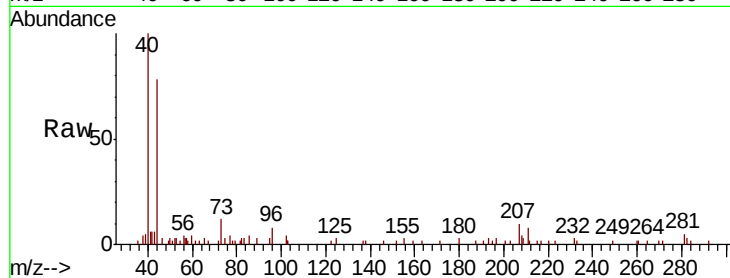
Lab File: VF062615.D

Acq: 15 May 2019 18:13

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:146 Resp: 66

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.1	60.2#
148	0.0	34.0	101.8#



#88

1,4-Dichlorobenzene

Concen: 115.084 ug/l

RT: 12.65 min Scan# 1229

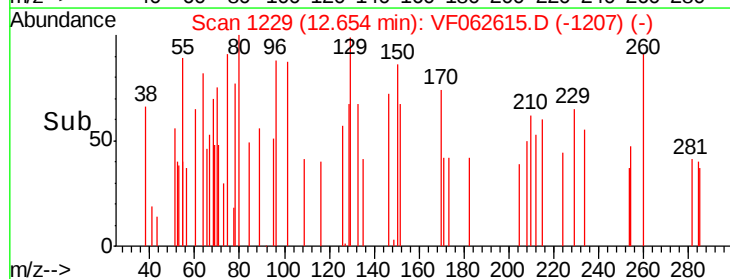
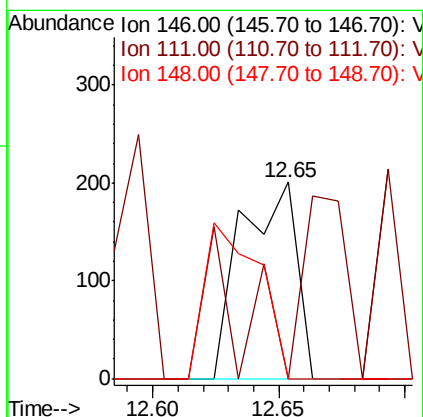
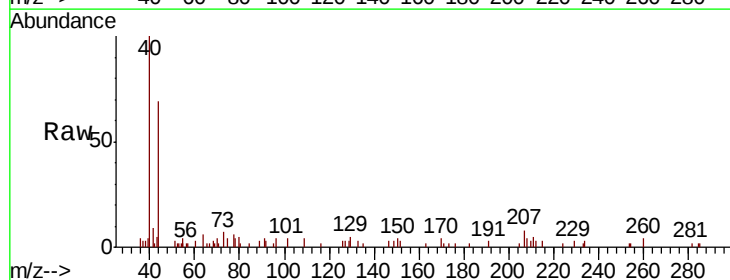
Delta R.T. 0.02 min

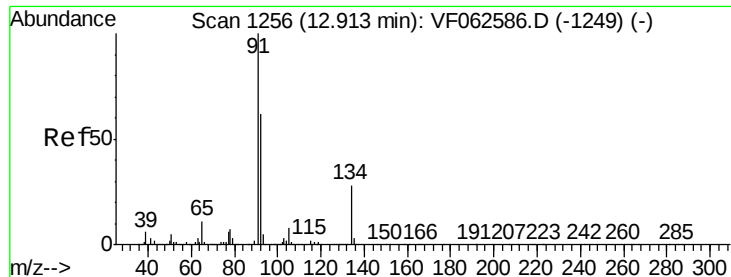
Lab File: VF062615.D

Acq: 15 May 2019 18:13

Tgt Ion:146 Resp: 308

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.4	58.1#
148	0.0	34.2	102.5#





#89

n-Butylbenzene

Concen: 64.366 ug/l

RT: 12.90 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VF062615.D

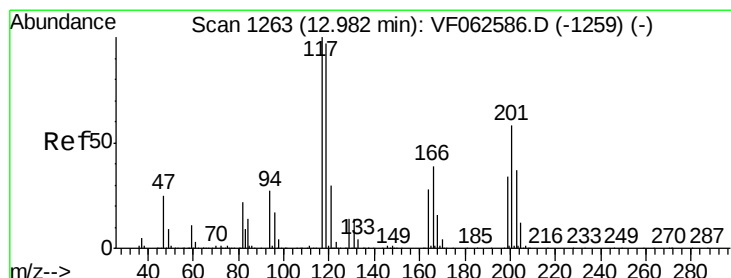
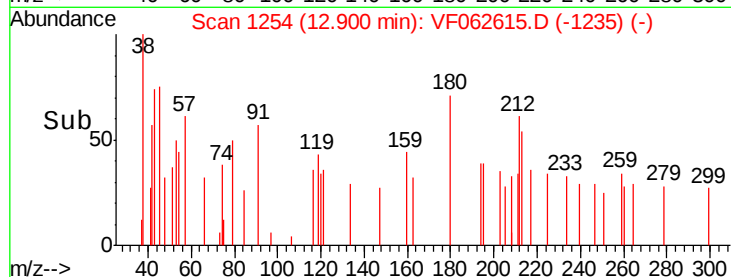
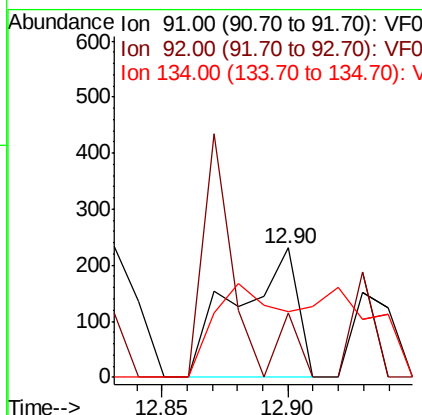
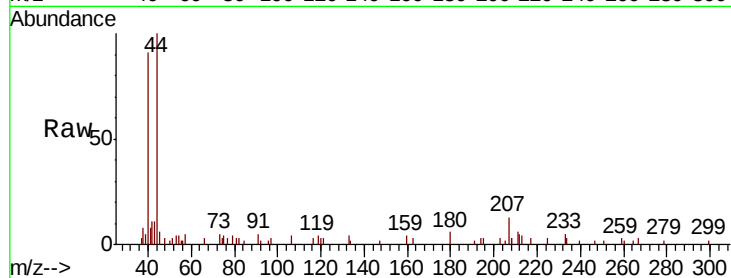
Acq: 15 May 2019 18:13

Instrument :

MSVOA_F

ClientSampled :

Tot Ion:	91	Resp:	387
Ion	Ratio	Lower	Upper
91	100		
92	50.2	30.9	92.8
134	50.6	13.9	41.6#



#90

Hexachloroethane

Concen: 93.192 ug/l

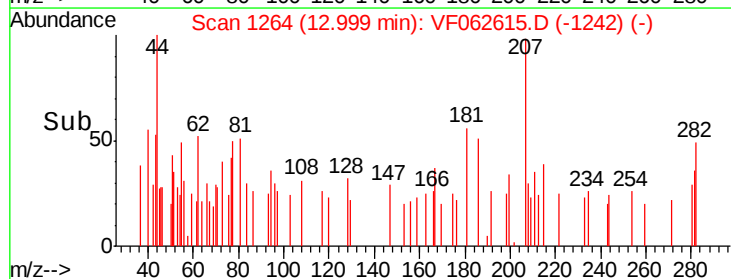
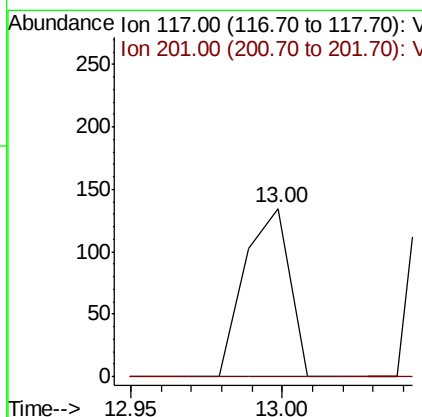
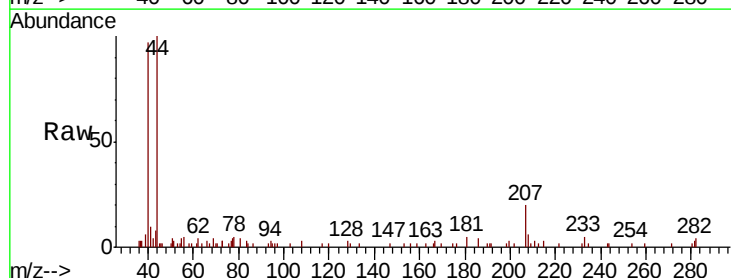
RT: 13.00 min Scan# 1264

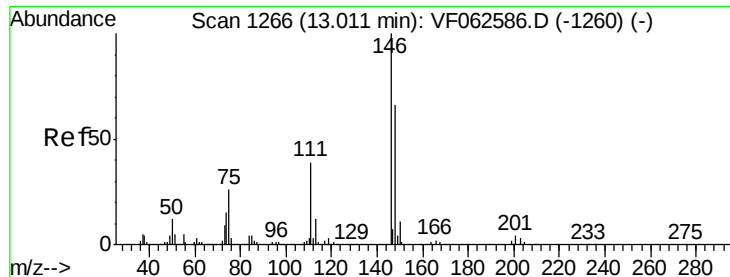
Delta R.T. 0.02 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Tgt Ion:	117	Resp:	141
Ion	Ratio	Lower	Upper
117	100		
201	96.3	29.7	89.1#





#91

1,2-Dichlorobenzene

Concen: 59.660 ug/l

RT: 13.02 min Scan# 1266

Delta R.T. 0.01 min

Lab File: VF062615.D

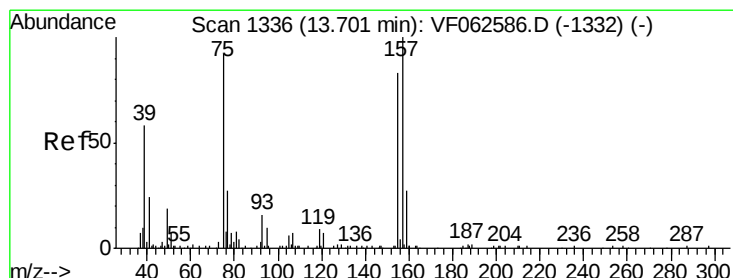
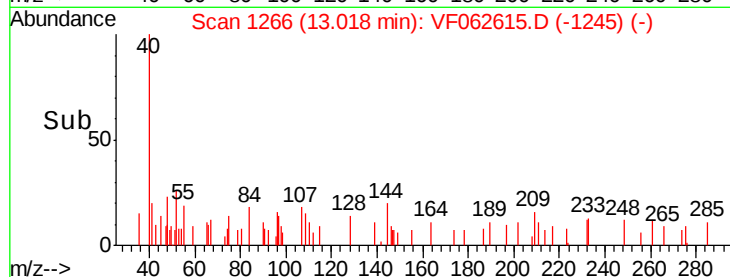
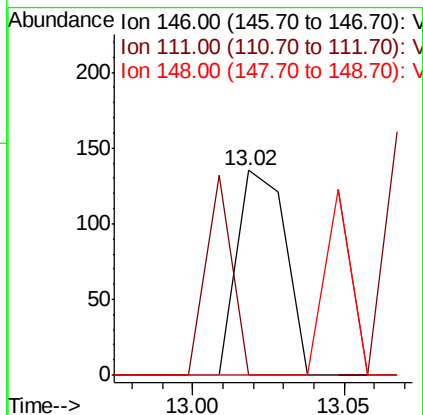
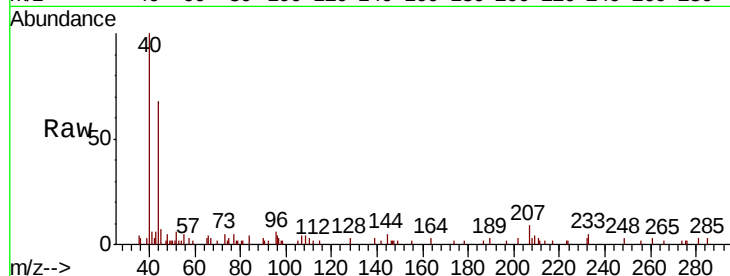
Acq: 15 May 2019 18:13

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	146	Resp:	151
Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.4	58.2#
148	0.0	33.1	99.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2339.467 ug/l

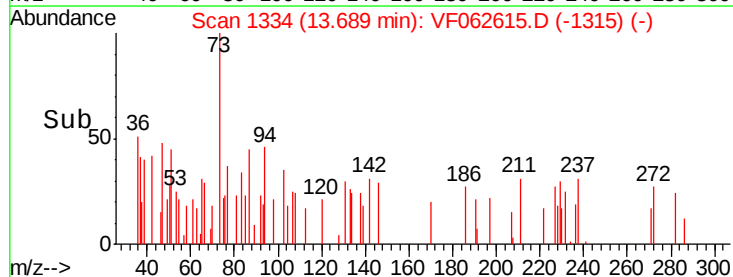
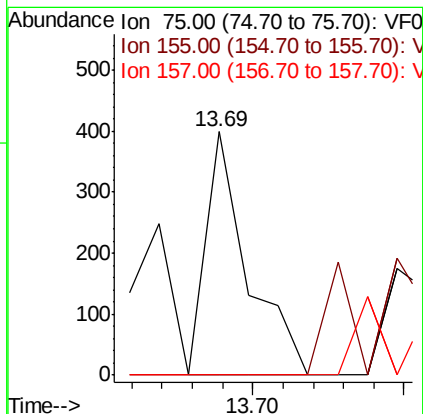
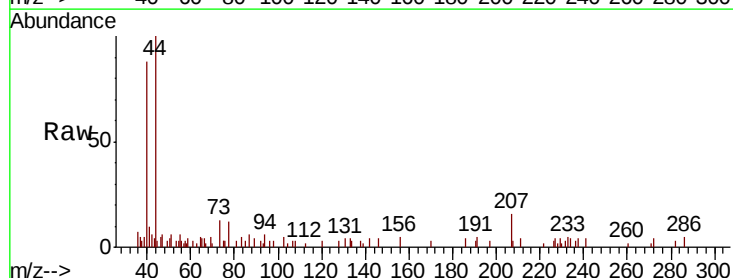
RT: 13.69 min Scan# 1334

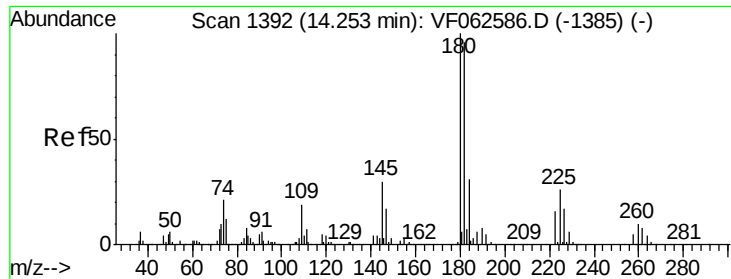
Delta R.T. -0.01 min

Lab File: VF062615.D

Acq: 15 May 2019 18:13

Tgt Ion:	75	Resp:	380
Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.8	134.4#
157	0.0	54.1	162.3#

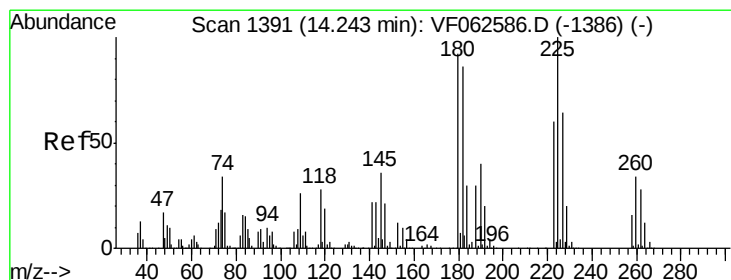
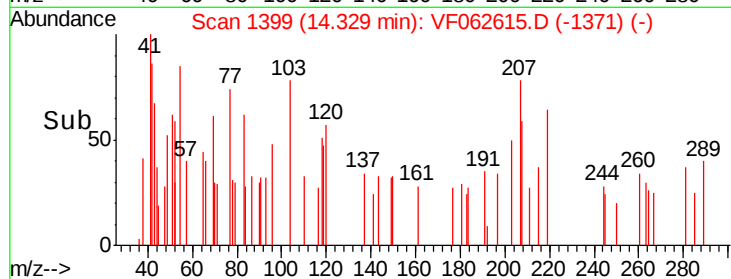
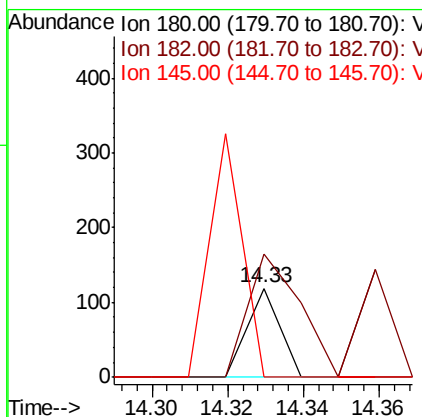
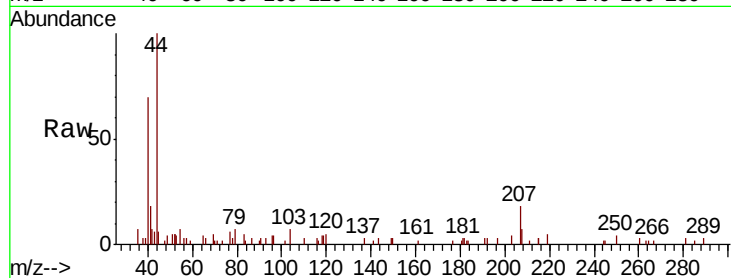




#93
 1,2,4-Trichlorobenzene
 Concen: 39.772 ug/l
 RT: 14.33 min Scan# 1399
 Delta R.T. 0.08 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

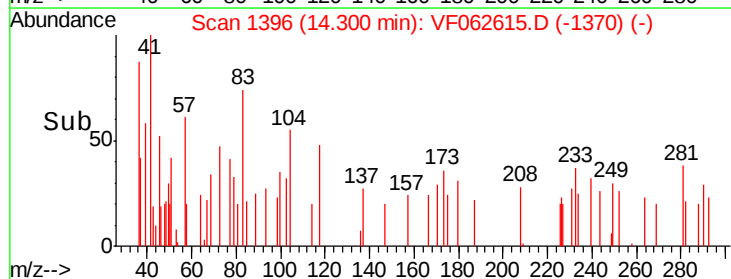
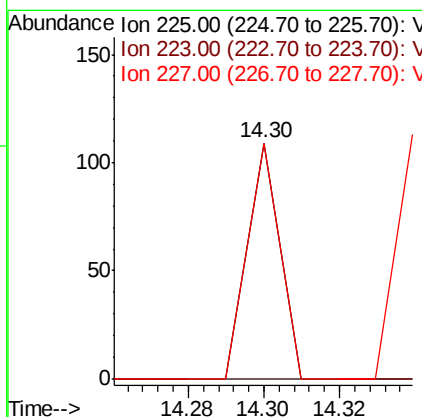
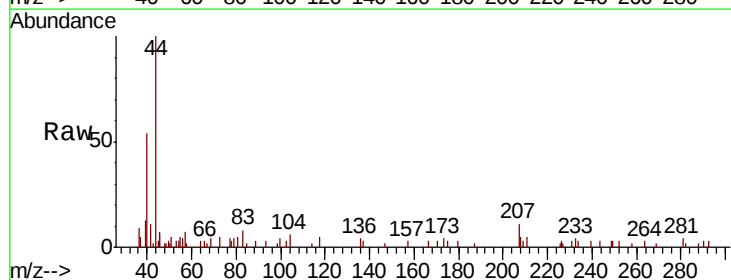
Instrument :
 MSVOA_F
 ClientSampleId :

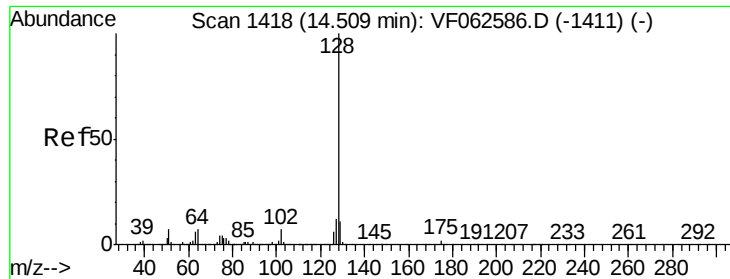
Tot Ion:180 Resp: 70
 Ion Ratio Lower Upper
 180 100
 182 137.8 47.9 143.8
 145 0.0 14.8 44.4#



#94
 Hexachlorobutadiene
 Concen: 50.058 ug/l
 RT: 14.30 min Scan# 1396
 Delta R.T. 0.06 min
 Lab File: VF062615.D
 Acq: 15 May 2019 18:13

Tgt Ion:225 Resp: 64
 Ion Ratio Lower Upper
 225 100
 223 0.0 29.9 89.7#
 227 100.0 31.9 95.9#

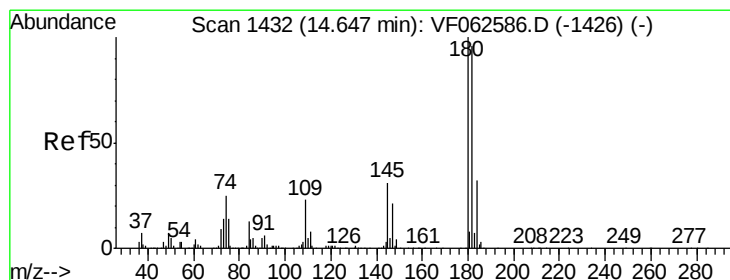
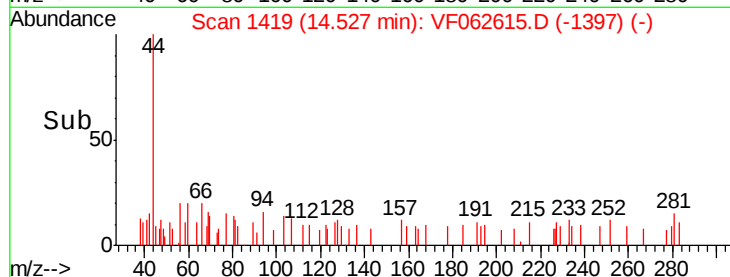
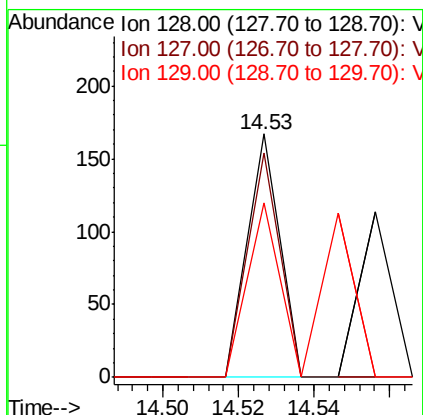
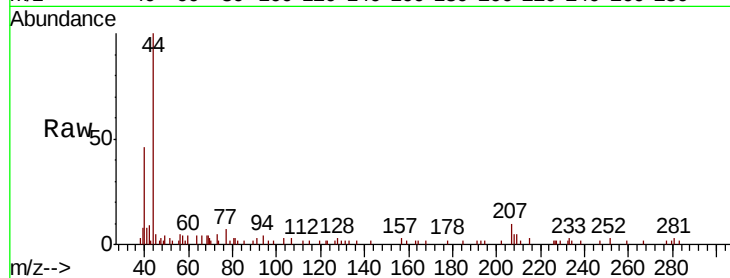




#95
Naphthalene
Concen: 34.559 ug/l
RT: 14.53 min Scan# 1419
Delta R.T. 0.02 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

Instrument :
MSVOA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	92.2	9.5	14.3#
129	71.9	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 98.605 ug/l
RT: 14.65 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VF062615.D
Acq: 15 May 2019 18:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.3#
145	0.0	15.6	46.7#

