

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052419\
 Data File : VF062750.D
 Acq On : 24 May 2019 16:51
 Operator : FY/SY
 Sample : K3041-06
 Misc : 3.18g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2-S2

Quant Time: May 24 23:06:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.19	168	335	50.00	ug/l	0.12
34) 1,4-Difluorobenzene	5.96	114	59	50.00	ug/l	0.17
63) Chlorobenzene-d5	10.21	117	297	50.00	ug/l	0.29
72) 1,4-Dichlorobenzene-d4	12.60	152	118	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.16	65	222	93.78	ug/l	0.12
Spiked Amount				50.000		
			Recovery	=	187.56%	
35) Dibromofluoromethane	4.45	113	88	194.92	ug/l	0.13
Spiked Amount				50.000		
			Recovery	=	389.84%	
50) Toluene-d8	7.94	98	364	337.68	ug/l	0.22
Spiked Amount				50.000		
			Recovery	=	675.36%	
62) 4-Bromofluorobenzene	11.86	95	165	403.59	ug/l	0.36
Spiked Amount				50.000		
			Recovery	=	807.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	160	35.097	ug/l #	41
3) Chloromethane	1.23	50	285	67.894	ug/l	98
4) Vinyl Chloride	1.20	62	274	70.912	ug/l #	40
5) Bromomethane	1.45	94	930	439.960	ug/l	96
6) Chloroethane	1.47	64	190	133.888	ug/l #	1
7) Trichlorofluoromethane	1.56	101	65	12.528	ug/l #	21
8) Diethyl Ether	1.73	74	651	633.383	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	1.94	101	64	19.373	ug/l #	19
10) Methyl Iodide	2.02	142	303	46.690	ug/l #	1
11) Tert butyl alcohol	2.74	59	487	3116.013	ug/l #	70
12) 1,1-Dichloroethene	1.92	96	878	291.753	ug/l #	2
13) Acrolein	2.04	56	248	1520.130	ug/l	94
14) Allyl chloride	2.20	41	1870	686.573	ug/l #	70
15) Acrylonitrile	3.18	53	904	2050.513	ug/l #	74
16) Acetone	2.34	43	1631	2655.714	ug/l	91
17) Carbon Disulfide	1.99	76	478	53.589	ug/l #	1
18) Methyl Acetate	2.50	43	1821	1886.866	ug/l #	52
19) Methyl tert-butyl Ether	2.61	73	475	88.294	ug/l #	60
20) Methylene Chloride	2.40	84	403	130.913	ug/l #	15
21) trans-1,2-Dichloroethene	2.46	96	835	283.874	ug/l #	30
22) Diisopropyl ether	3.04	45	1033	153.775	ug/l #	23
23) Vinyl Acetate	3.44	43	733	161.756	ug/l #	73
24) 1,1-Dichloroethane	3.08	63	132	26.785	ug/l #	1
25) 2-Butanone	4.67	43	496	378.013	ug/l #	50
26) 2,2-Dichloropropane	3.90	77	319	113.135	ug/l #	46
27) cis-1,2-Dichloroethene	3.76	96	150	31.002	ug/l	2
28) Bromochloromethane	4.04	49	408	147.619	ug/l #	3
29) Tetrahydrofuran	4.38	42	438	824.904	ug/l #	52
30) Chloroform	4.15	83	347	50.715	ug/l #	16
31) Cyclohexane	4.00	56	314	47.454	ug/l #	70
32) 1,1,1-Trichloroethane	4.39	97	169	37.192	ug/l #	58
36) 1,1-Dichloropropene	4.69	75	369	610.354	ug/l	89
37) Ethyl Acetate	4.46	43	433	1754.130	ug/l #	9
38) Carbon Tetrachloride	4.32	117	118	259.522	ug/l #	12

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 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.81	83	346	475.636	ug/l #	48
40) Benzene	4.95	78	173	105.039	ug/l #	1
41) Methacrylonitrile	5.06	41	518	4002.642	ug/l #	46
42) 1,2-Dichloroethane	5.23	62	387	1178.299	ug/l	71
43) Isopropyl Acetate	7.31	43	1921	6006.910	ug/l #	75
44) Trichloroethene	5.86	130	201	434.220	ug/l	71
45) 1,2-Dichloropropane	6.59	63	293	704.728	ug/l #	1
46) Dibromomethane	6.44	93	243	1011.317	ug/l #	43
47) Bromodichloromethane	6.79	83	233	467.099	ug/l #	79
48) Methyl methacrylate	7.15	41	1616	9667.787	ug/l #	29
49) 1,4-Dioxane	7.07	88	125	58387.075	ug/l #	22
51) 4-Methyl-2-Pentanone	8.72	43	808	3696.343	ug/l	95
52) Toluene	8.04	92	247	285.957	ug/l #	12
53) t-1,3-Dichloropropene	8.65	75	837	2050.974	ug/l	89
54) cis-1,3-Dichloropropene	7.71	75	59	103.279	ug/l #	1
55) 1,1,2-Trichloroethane	8.89	97	234	914.959	ug/l #	42
56) Ethyl methacrylate	9.02	69	215	705.628	ug/l #	63
57) 1,3-Dichloropropane	9.28	76	255	585.376	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.69	63	93	937.709	ug/l #	51
59) 2-Hexanone	9.89	43	894	6749.454	ug/l	93
60) Dibromochloromethane	9.09	129	207	621.019	ug/l #	12
61) 1,2-Dibromoethane	9.42	107	78	287.140	ug/l #	3
64) Tetrachloroethene	8.33	164	72	30.600	ug/l #	1
65) Chlorobenzene	10.05	112	378	64.800	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.99	131	113	48.254	ug/l	75
67) Ethyl Benzene	10.07	91	150	14.802	ug/l #	1
68) m/p-Xylenes	10.26	106	65	17.066	ug/l #	1
69) o-Xylene	10.80	106	80	20.392	ug/l #	1
70) Styrene	10.89	104	227	38.070	ug/l #	1
71) Bromoform	10.86	173	106	90.378	ug/l #	27
73) Isopropylbenzene	11.24	105	359	42.449	ug/l #	45
74) N-amyl acetate	11.49	43	352	177.323	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.80	83	325	188.040	ug/l #	6
76) 1,2,3-Trichloropropane	11.85	75	342	301.152	ug/l	69
77) Bromobenzene	11.60	156	70	33.298	ug/l #	56
78) n-propylbenzene	11.69	91	96	9.591	ug/l #	1
79) 2-Chlorotoluene	11.78	91	152	26.947	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.90	105	571	84.201	ug/l #	22
81) trans-1,4-Dichloro-2-buten	11.95	75	154	305.072	ug/l #	1
82) 4-Chlorotoluene	11.93	91	246	44.225	ug/l #	37
83) tert-Butylbenzene	12.23	119	236	34.302	ug/l #	79
84) 1,2,4-Trimethylbenzene	12.13	105	194	29.557	ug/l	97
85) sec-Butylbenzene	12.36	105	266	28.809	ug/l #	54
86) p-Isopropyltoluene	12.52	119	679	87.260	ug/l #	1
87) 1,3-Dichlorobenzene	12.59	146	60	15.776	ug/l #	23
88) 1,4-Dichlorobenzene	12.59	146	60	16.811	ug/l #	24
89) n-Butylbenzene	12.95	91	322	41.971	ug/l #	25
90) Hexachloroethane	12.90	117	137	73.394	ug/l	90
91) 1,2-Dichlorobenzene	13.04	146	330	97.337	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.69	75	193	936.047	ug/l #	1

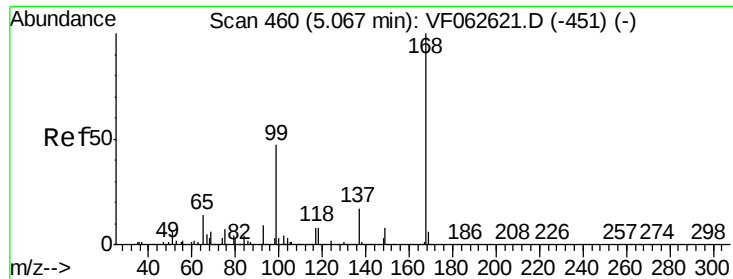
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	76	31.318	ug/l #	38
94) Hexachlorobutadiene	14.24	225	159	93.885	ug/l #	16
95) Naphthalene	14.50	128	76	17.239	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.64	180	80	34.803	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.19 min Scan# 472

Delta R.T. 0.12 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

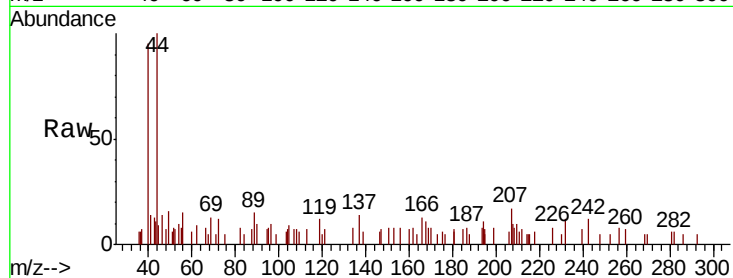
TP-2-S2

Tot Ion:168 Resp: 335

Ion Ratio Lower Upper

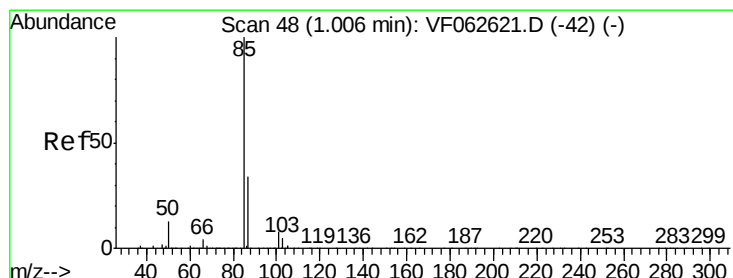
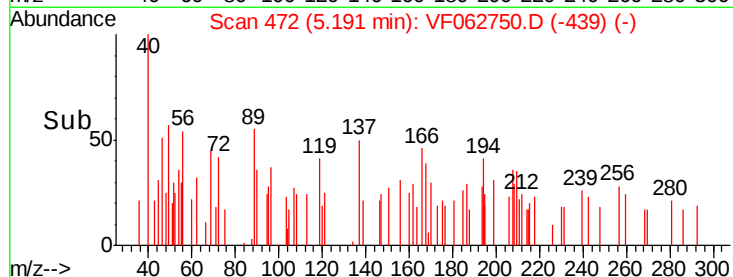
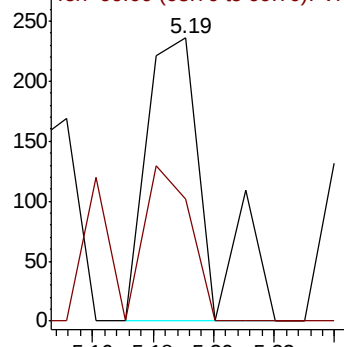
168 100

99 43.2 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 35.097 ug/l

RT: 1.01 min Scan# 48

Delta R.T. 0.01 min

Lab File: VF062750.D

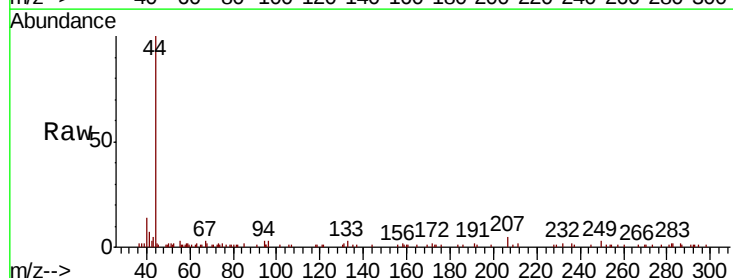
Acq: 24 May 2019 16:51

Tgt Ion: 85 Resp: 160

Ion Ratio Lower Upper

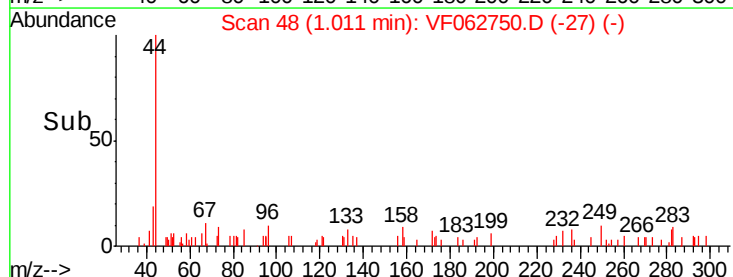
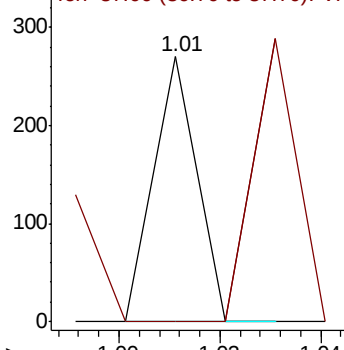
85 100

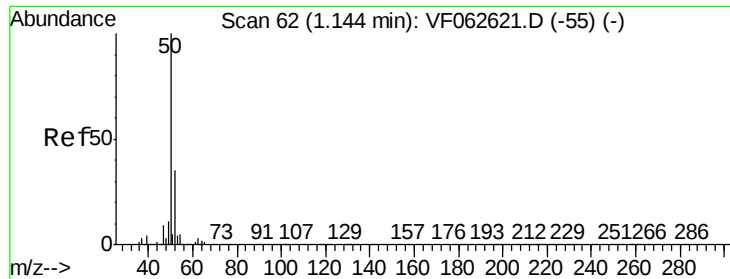
87 0.0 16.8 50.3#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 67.894 ug/l

RT: 1.23 min Scan# 70

Delta R.T. 0.08 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

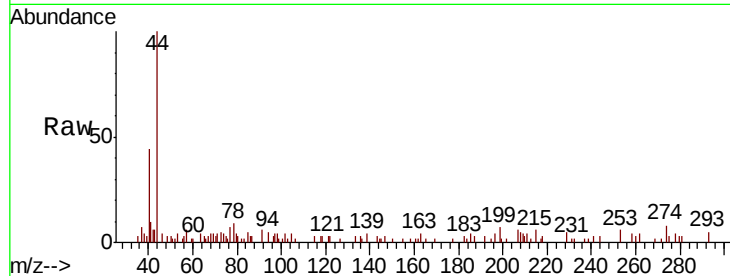
TP-2-S2

Tot Ion: 50 Resp: 285

Ion Ratio Lower Upper

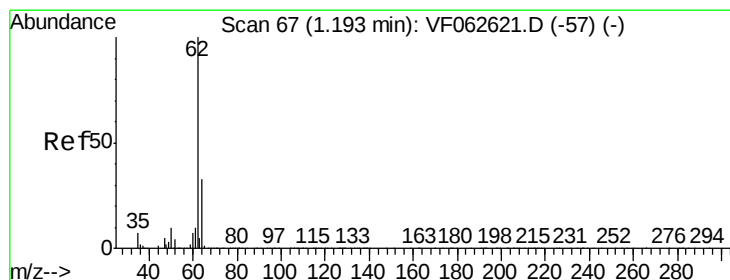
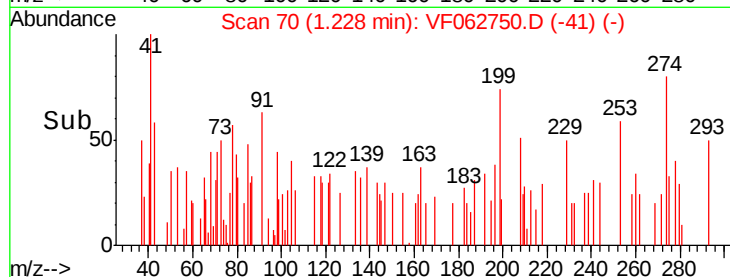
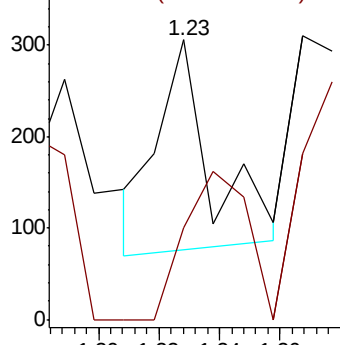
50 100

52 33.0 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 70.912 ug/l

RT: 1.20 min Scan# 67

Delta R.T. 0.01 min

Lab File: VF062750.D

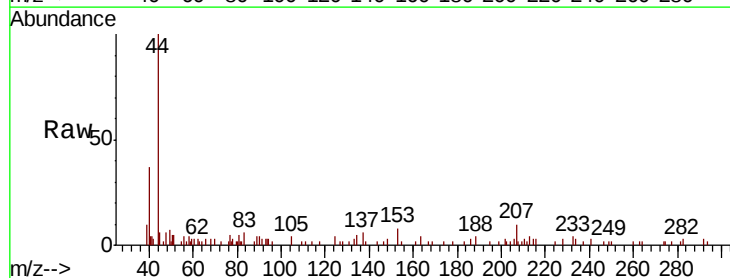
Acq: 24 May 2019 16:51

Tgt Ion: 62 Resp: 274

Ion Ratio Lower Upper

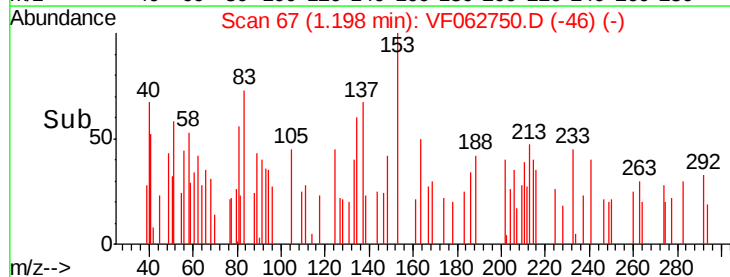
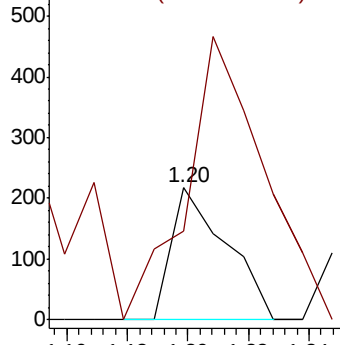
62 100

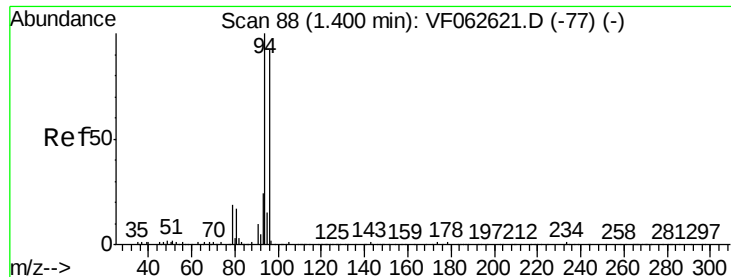
64 67.3 26.7 40.1#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 439.960 ug/l

RT: 1.45 min Scan# 93

Delta R.T. 0.05 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

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ClientSampleID :

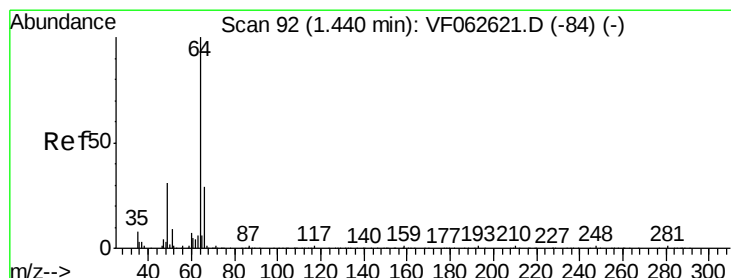
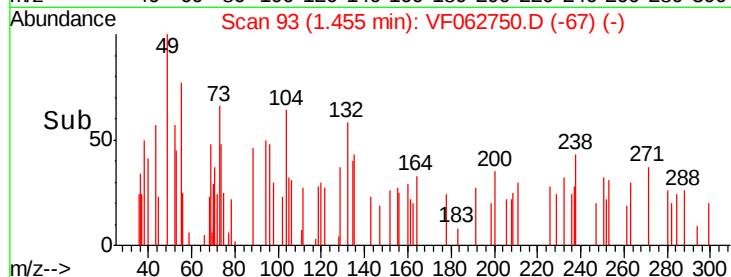
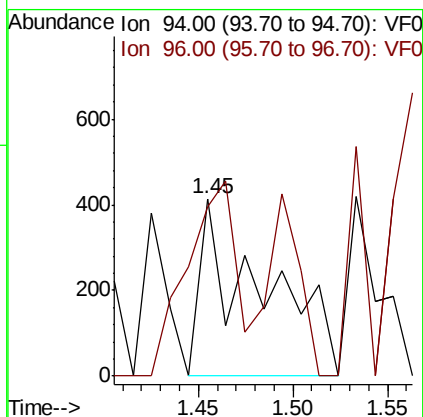
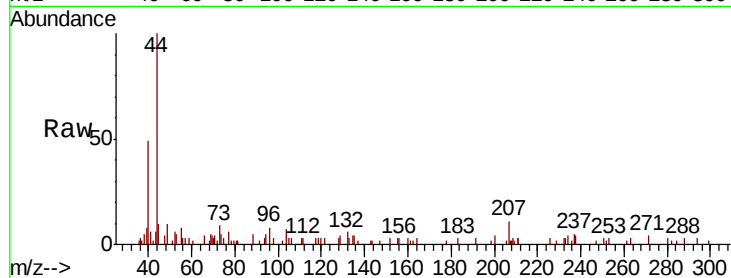
TP-2-S2

Tot Ion: 94 Resp: 930

Ion Ratio Lower Upper

94 100

96 95.7 73.2 109.8



#6

Chloroethane

Concen: 133.888 ug/l

RT: 1.47 min Scan# 95

Delta R.T. 0.03 min

Lab File: VF062750.D

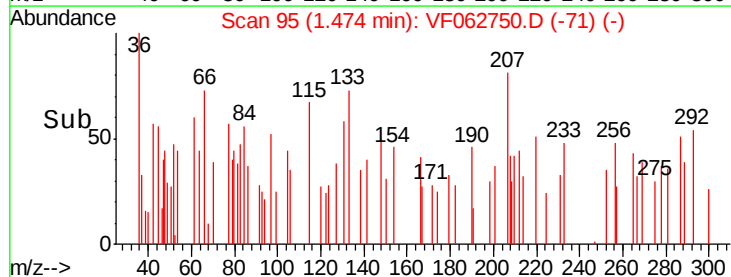
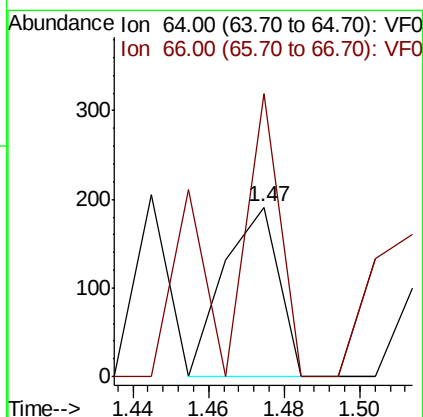
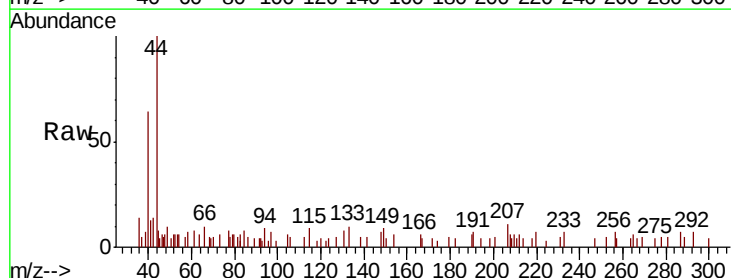
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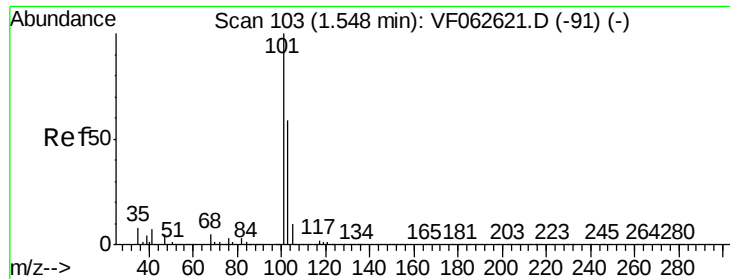
Tgt Ion: 64 Resp: 190

Ion Ratio Lower Upper

64 100

66 167.0 23.4 35.2#



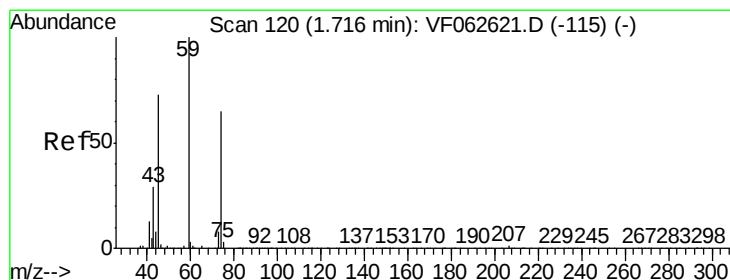
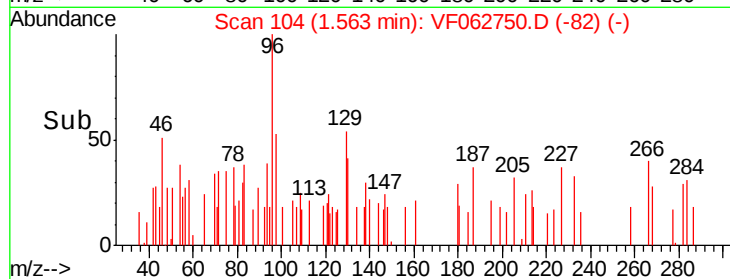
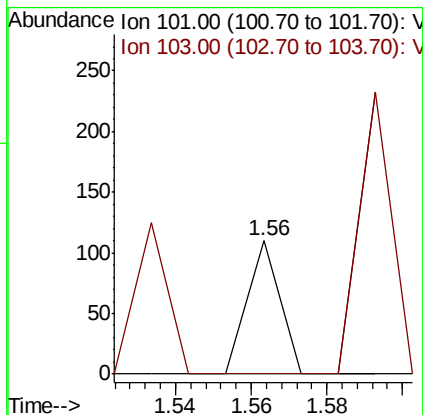
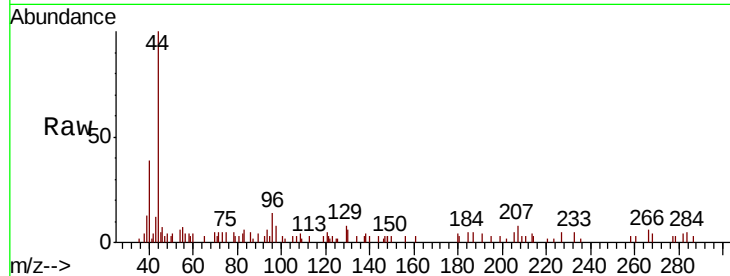


#7

Trichlorofluoromethane
 Concen: 12.528 ug/l
 RT: 1.56 min Scan# 104
 Delta R.T. 0.02 min
 Lab File: VF062750.D
 Acq: 24 May 2019 16:51

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 ClientSampleId :
 TP-2-S2

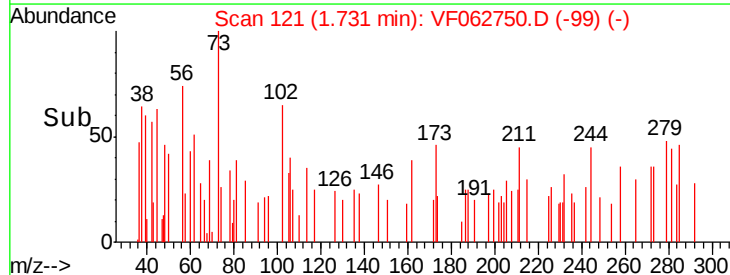
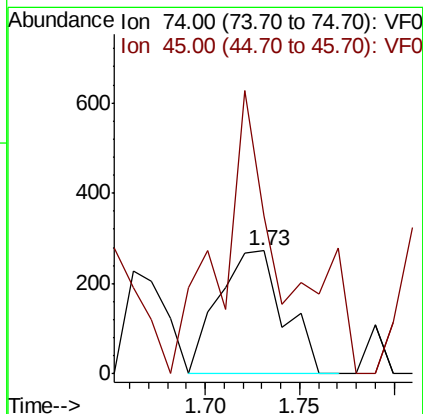
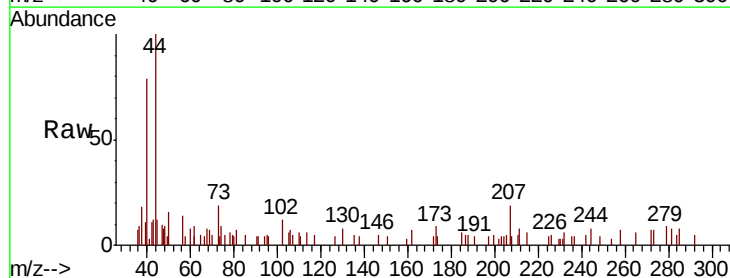
Tot Ion:101 Resp: 65
 Ion Ratio Lower Upper
 101 100
 103 0.0 47.3 70.9#

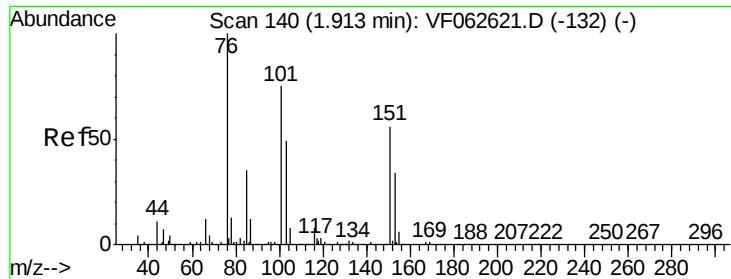


#8

Diethyl Ether
 Concen: 633.383 ug/l
 RT: 1.73 min Scan# 121
 Delta R.T. 0.02 min
 Lab File: VF062750.D
 Acq: 24 May 2019 16:51

Tgt Ion: 74 Resp: 651
 Ion Ratio Lower Upper
 74 100
 45 128.3 57.0 170.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.373 ug/l

RT: 1.94 min Scan# 142

Delta R.T. 0.02 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

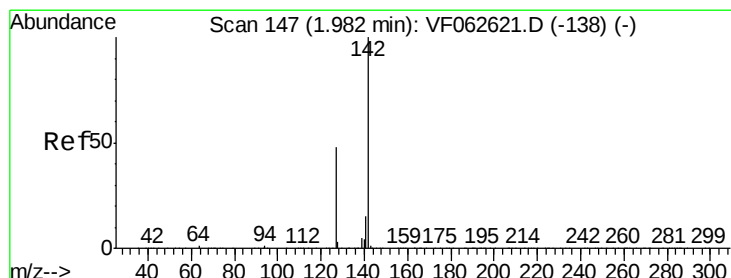
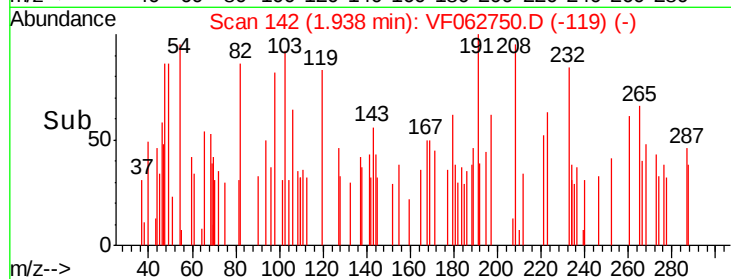
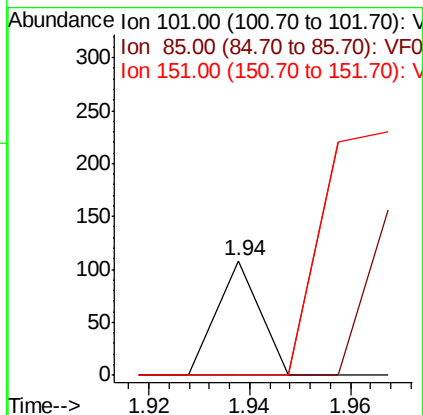
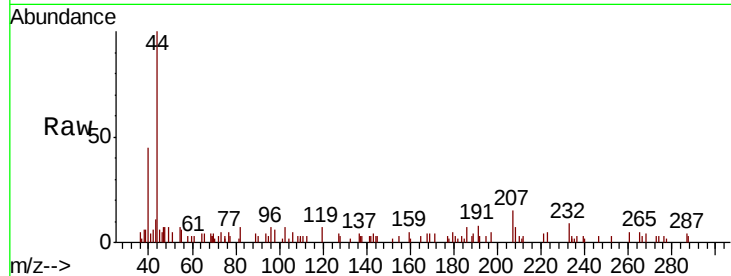
Instrument :

MSVOA_F

ClientSampled :

TP-2-S2

Tot Ion:	101	Resp:	64
Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.1	55.7#
151	0.0	58.8	88.2#



#10

Methyl Iodide

Concen: 46.690 ug/l

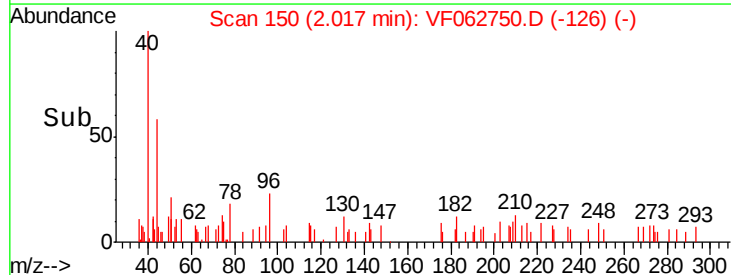
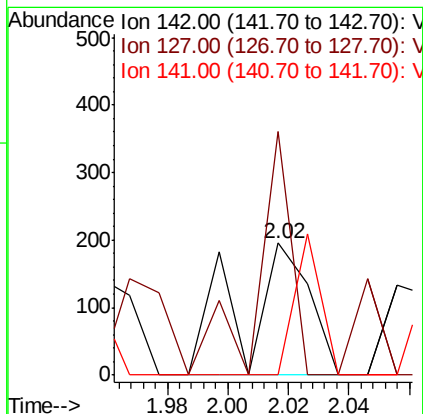
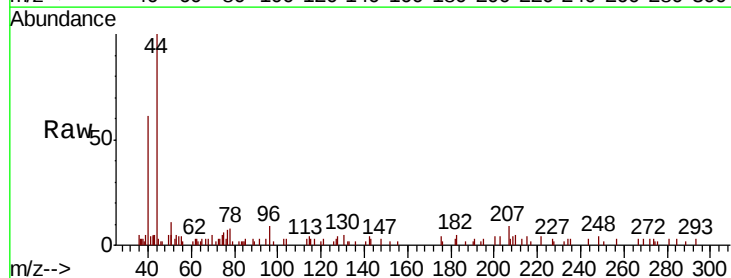
RT: 2.02 min Scan# 150

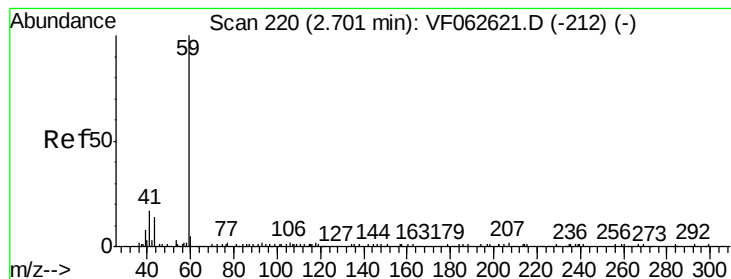
Delta R.T. 0.03 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Tgt Ion:	142	Resp:	303
Ion	Ratio	Lower	Upper
142	100		
127	185.1	38.1	57.1#
141	0.0	11.7	17.5#



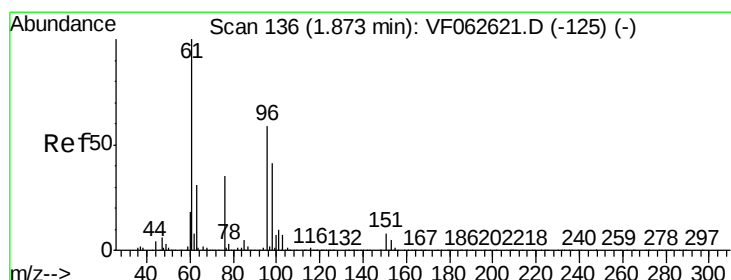
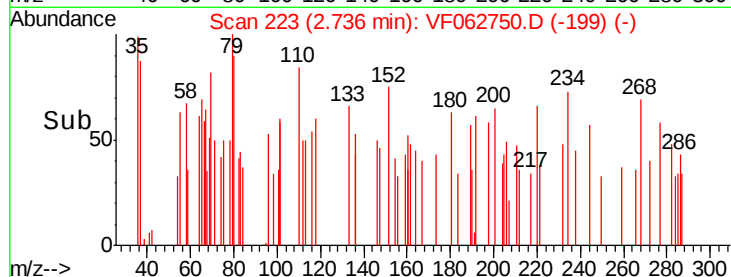
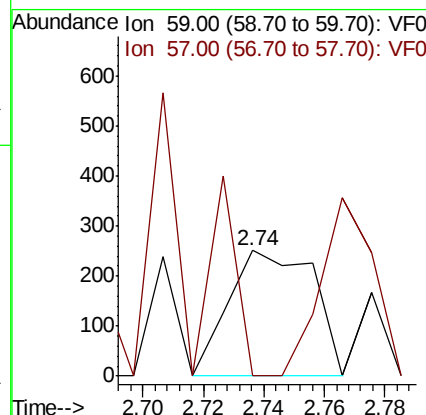
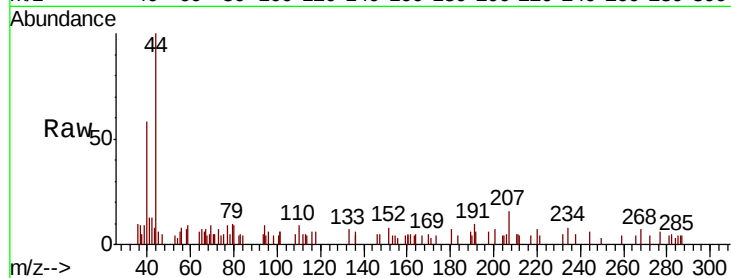


#11

Tert butyl alcohol
Concen: 3116.013 ug/l
RT: 2.74 min Scan# 223
Delta R.T. 0.03 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

Instrument :
MSVOA_F
ClientSampled :
TP-2-S2

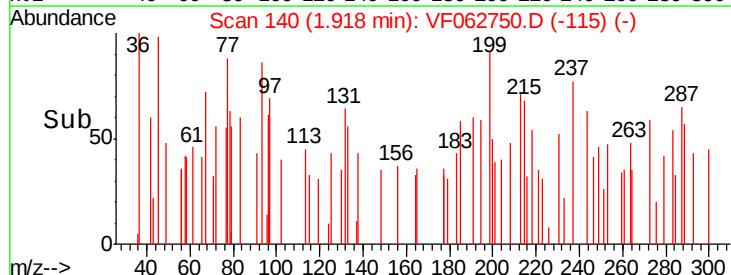
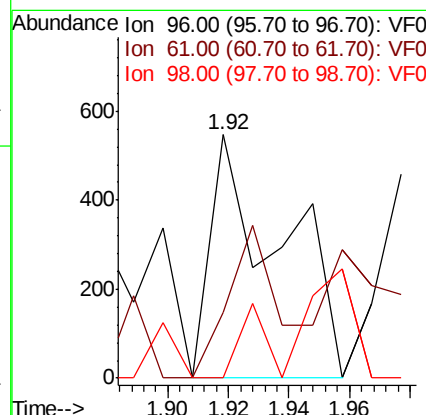
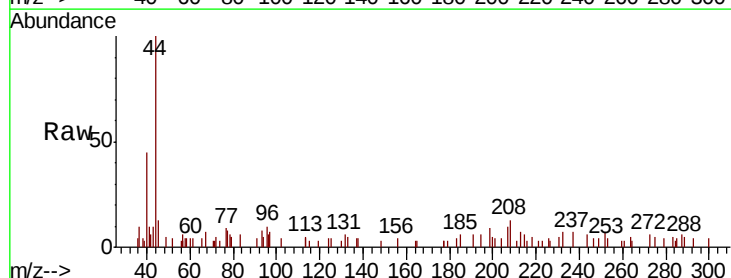
Tot Ion: 59 Resp: 487
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#

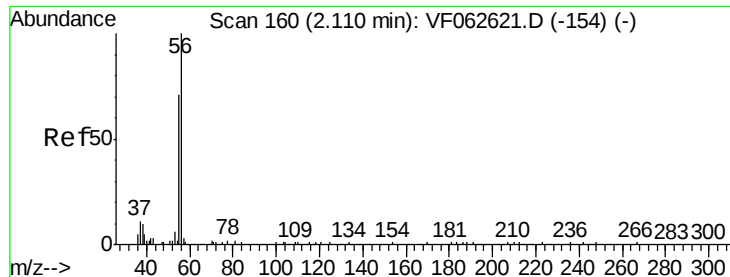


#12

1,1-Dichloroethene
Concen: 291.753 ug/l
RT: 1.92 min Scan# 140
Delta R.T. 0.04 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

Tgt Ion: 96 Resp: 878
Ion Ratio Lower Upper
96 100
61 27.1 134.3 201.5#
98 0.0 55.0 82.6#





#13

Acrolein

Concen: 1520.130 ug/l

RT: 2.04 min Scan# 152

Delta R.T. -0.07 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

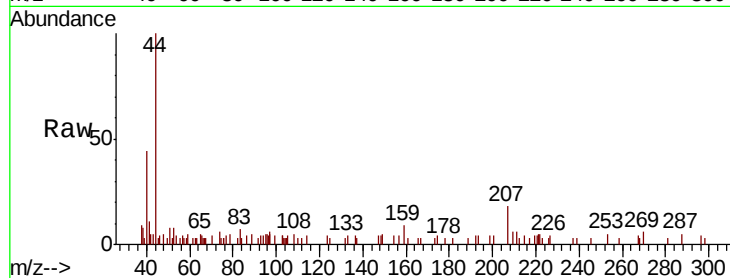
Instrument :
MSVOA_F
ClientSampleId :
TP-2-S2

Tot Ion: 56 Resp: 248

Ion Ratio Lower Upper

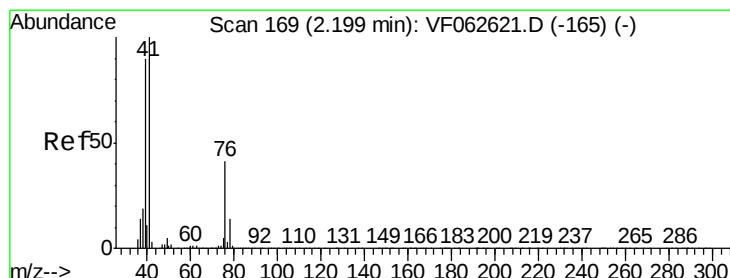
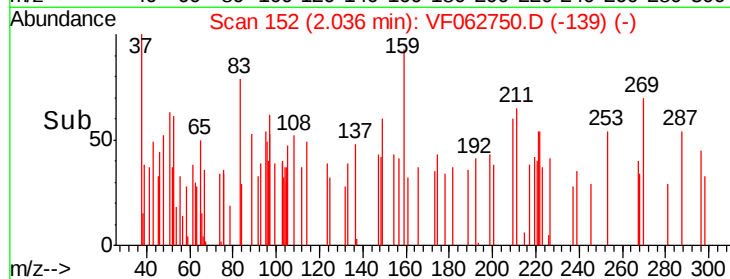
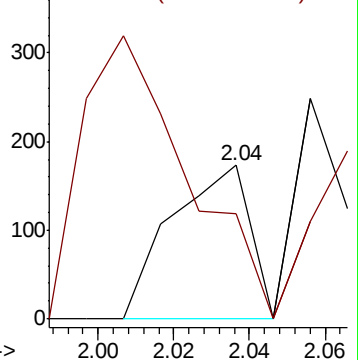
56 100

55 68.8 59.4 89.0



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 686.573 ug/l

RT: 2.20 min Scan# 169

Delta R.T. 0.01 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

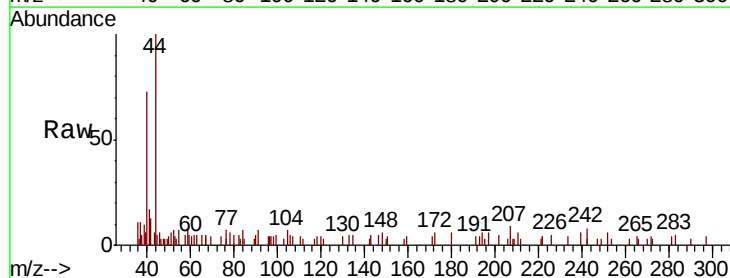
Tgt Ion: 41 Resp: 1870

Ion Ratio Lower Upper

41 100

39 56.3 72.0 108.0#

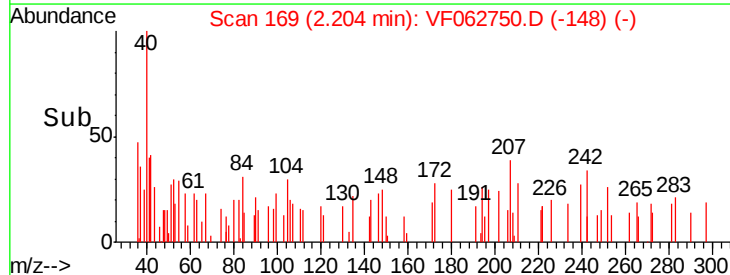
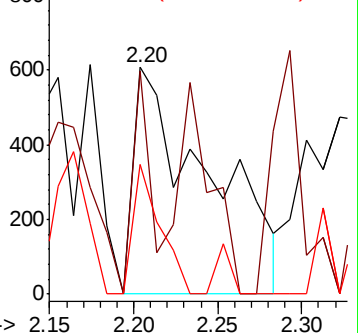
76 32.7 34.8 52.2#

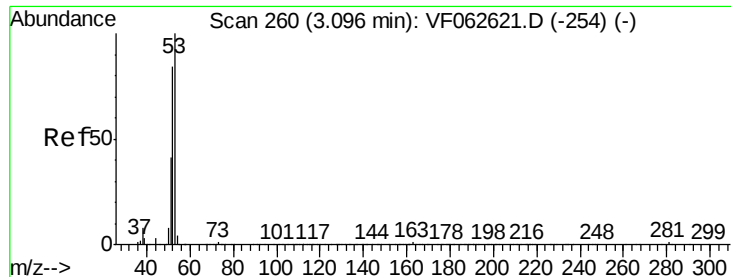


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 2050.513 ug/l

RT: 3.18 min Scan# 268

Delta R.T. 0.08 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

TP-2-S2

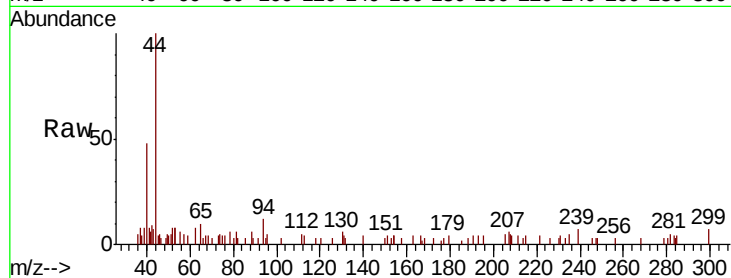
Tot Ion: 53 Resp: 904

Ion Ratio Lower Upper

53 100

52 53.8 67.3 100.9#

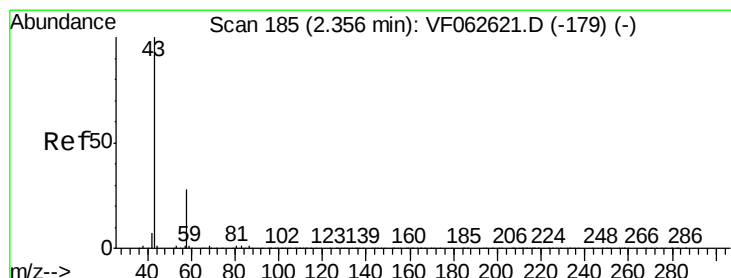
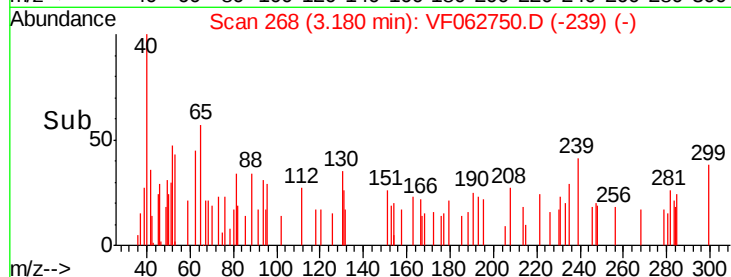
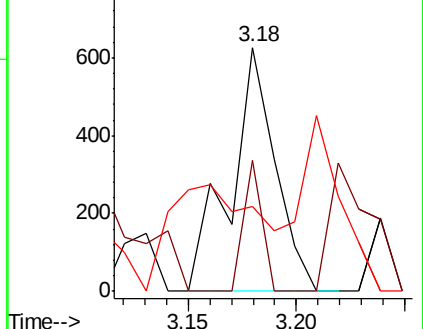
51 35.0 33.0 49.6



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 2655.714 ug/l

RT: 2.34 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF062750.D

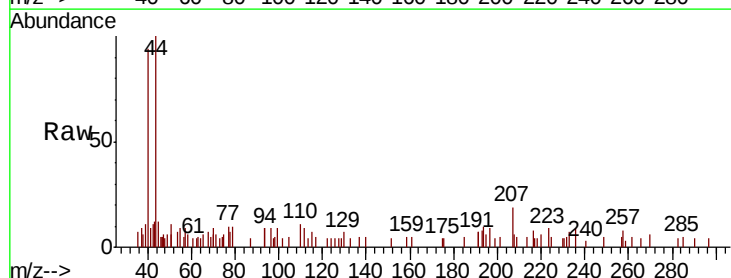
Acq: 24 May 2019 16:51

Tgt Ion: 43 Resp: 1631

Ion Ratio Lower Upper

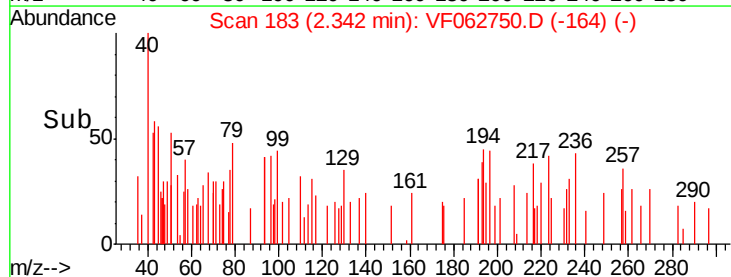
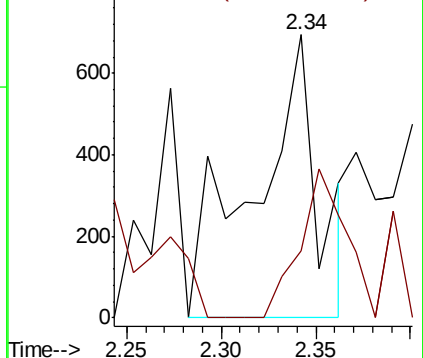
43 100

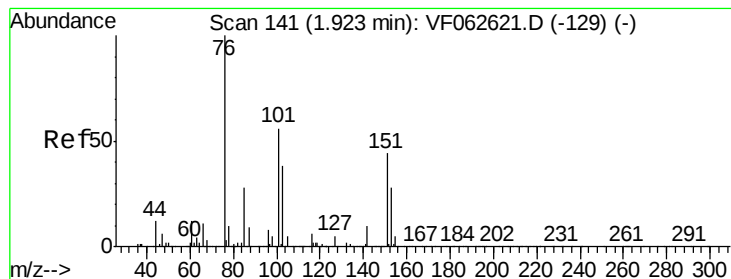
58 23.6 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: 53.589 ug/l

RT: 1.99 min Scan# 147

Delta R.T. 0.06 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

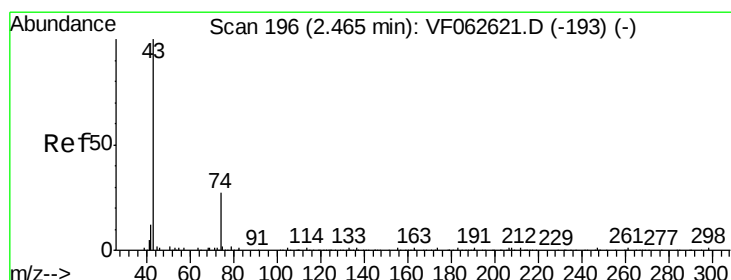
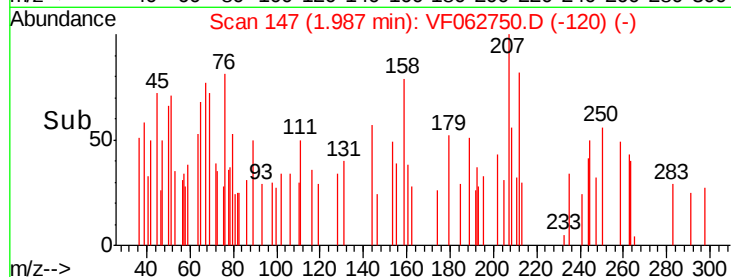
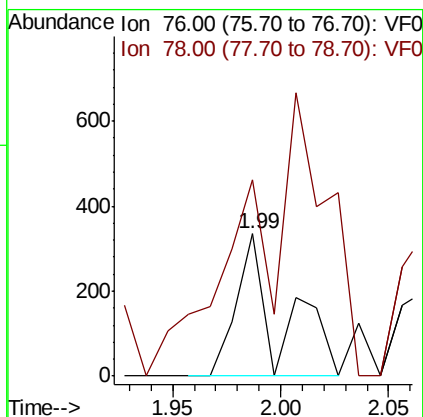
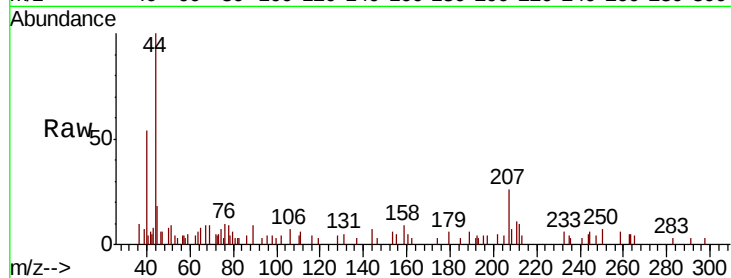
TP-2-S2

Tot Ion: 76 Resp: 478

Ion Ratio Lower Upper

76 100

78 137.6 8.4 12.6#



#18

Methyl Acetate

Concen: 1886.866 ug/l

RT: 2.50 min Scan# 199

Delta R.T. 0.03 min

Lab File: VF062750.D

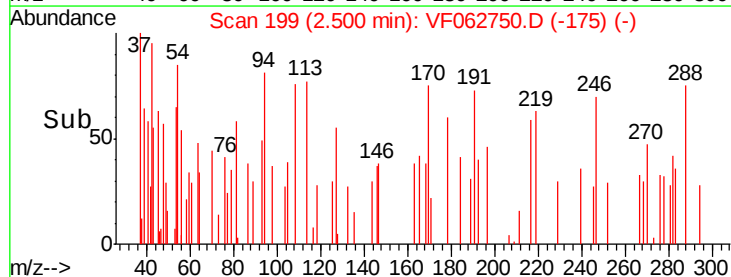
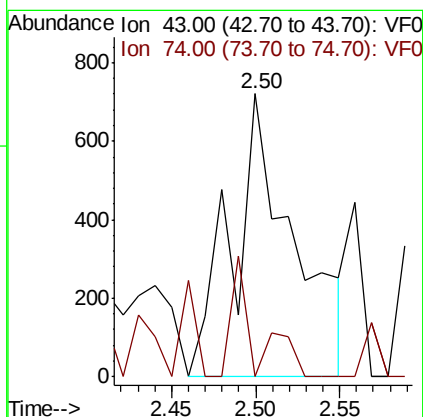
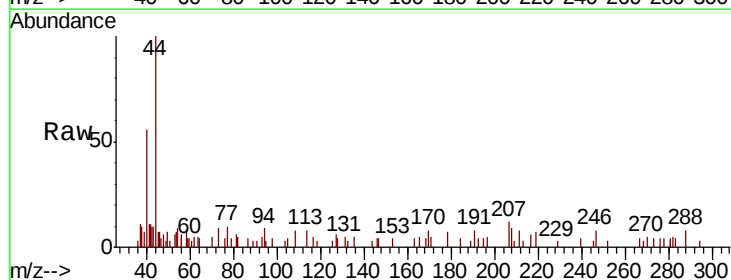
Acq: 24 May 2019 16:51

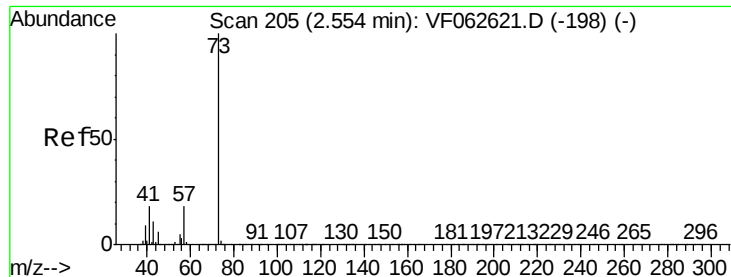
Tgt Ion: 43 Resp: 1821

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#

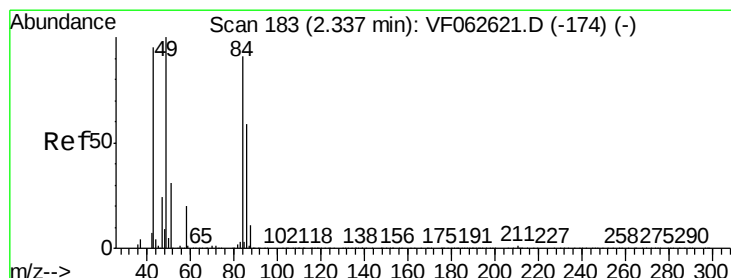
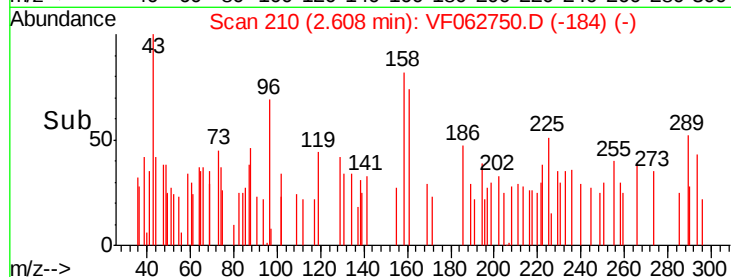
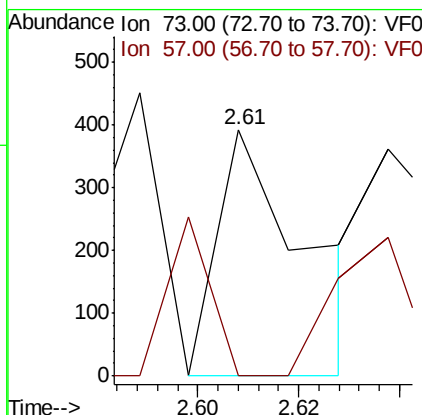
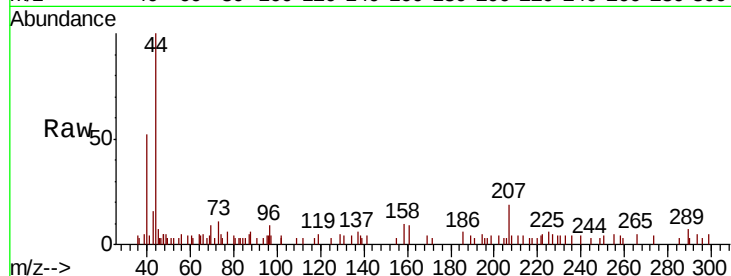




#19
Methvl tert-butvl Ether
Concen: 88.294 ug/l
RT: 2.61 min Scan# 210
Delta R.T. 0.05 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

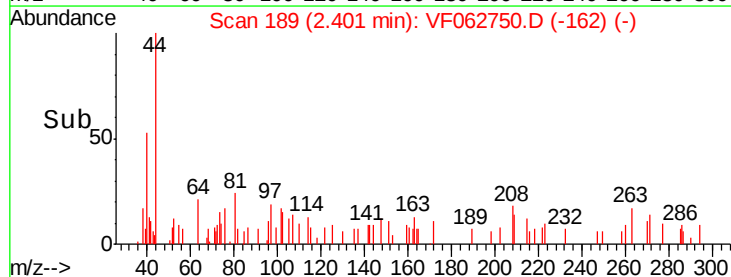
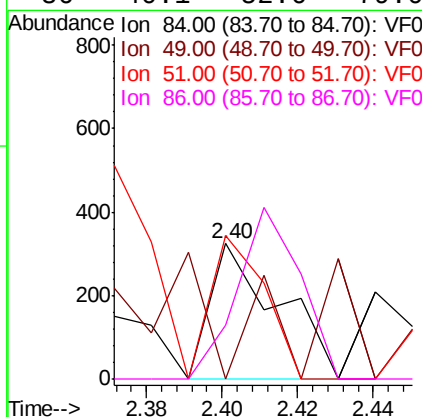
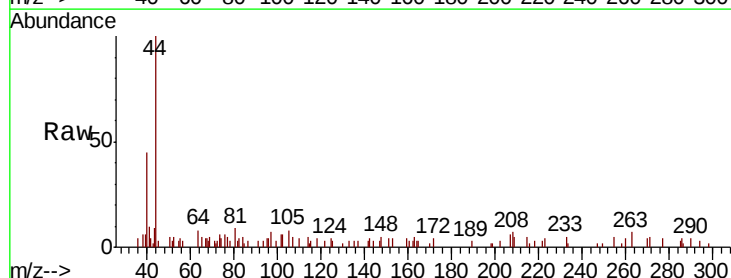
Instrument :
MSVOA_F
ClientSampled :
TP-2-S2

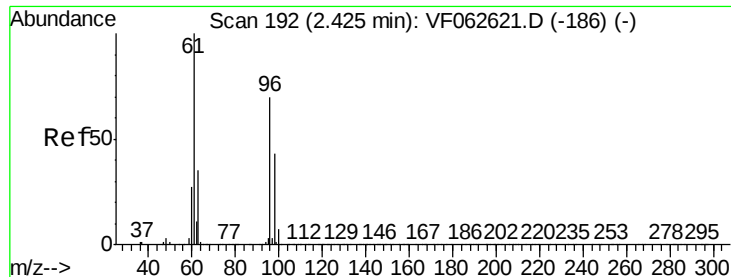
Tot Ion: 73 Resp: 475
Ion Ratio Lower Upper
73 100
57 0.0 14.2 21.4#



#20
Methylene Chloride
Concen: 130.913 ug/l
RT: 2.40 min Scan# 189
Delta R.T. 0.06 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

Tgt Ion: 84 Resp: 403
Ion Ratio Lower Upper
84 100
49 0.0 89.8 134.8#
51 106.2 28.4 42.6#
86 40.1 52.6 79.0#





#21

trans-1,2-Dichloroethene

Concen: 283.874 ug/l

RT: 2.46 min Scan# 195

Delta R.T. 0.03 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

TP-2-S2

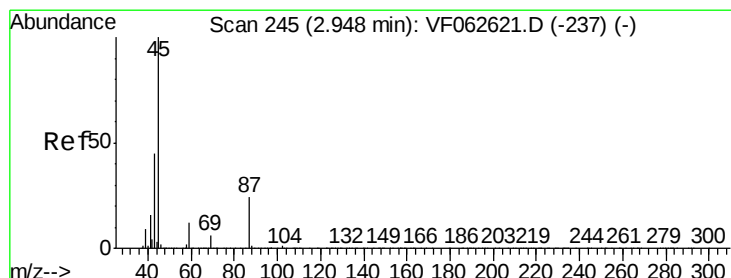
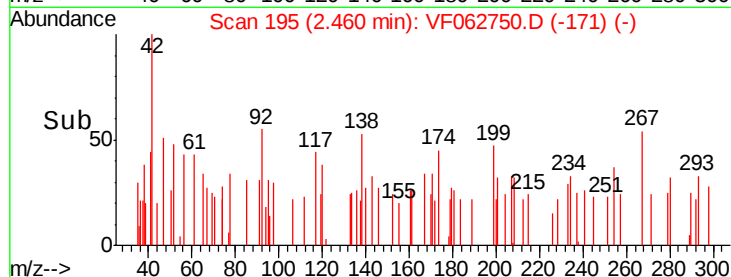
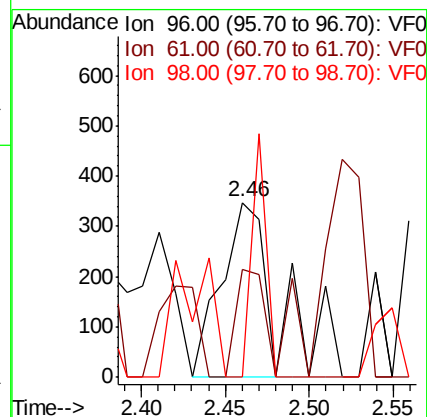
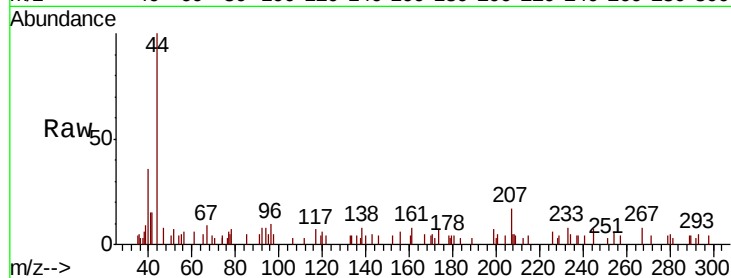
Tot Ion: 96 Resp: 835

Ion Ratio Lower Upper

96 100

61 62.0 114.6 171.8#

98 0.0 49.5 74.3#



#22

Diisopropyl ether

Concen: 153.775 ug/l

RT: 3.04 min Scan# 254

Delta R.T. 0.09 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Tgt Ion: 45 Resp: 1033

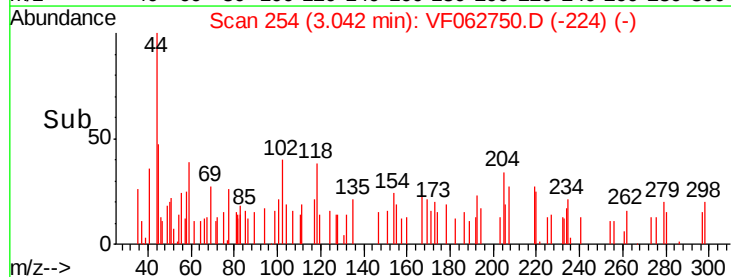
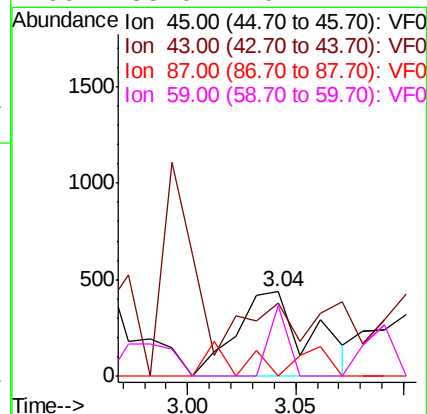
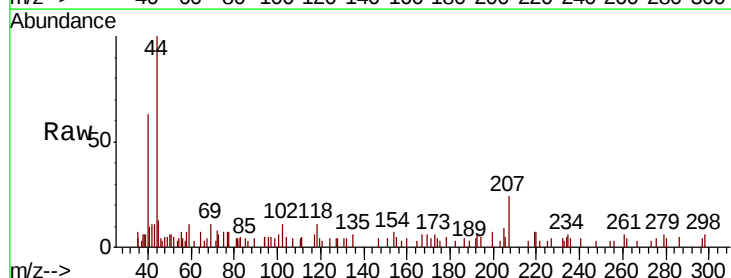
Ion Ratio Lower Upper

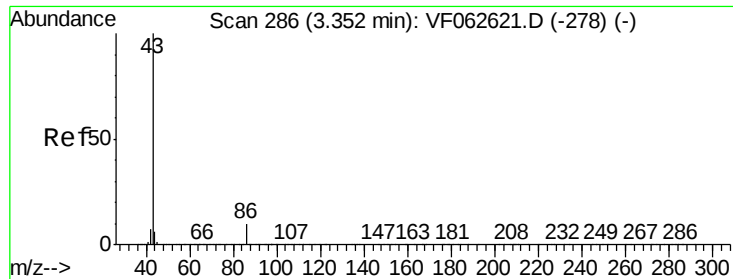
45 100

43 87.2 36.4 54.6#

87 0.0 19.3 28.9#

59 83.0 9.4 14.2#





#23

Vinyl Acetate

Concen: 161.756 ug/l

RT: 3.44 min Scan# 294

Delta R.T. 0.08 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampled :

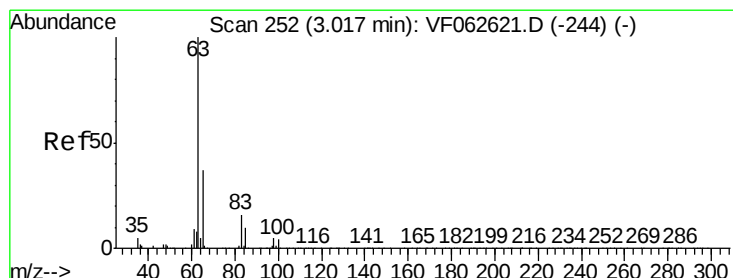
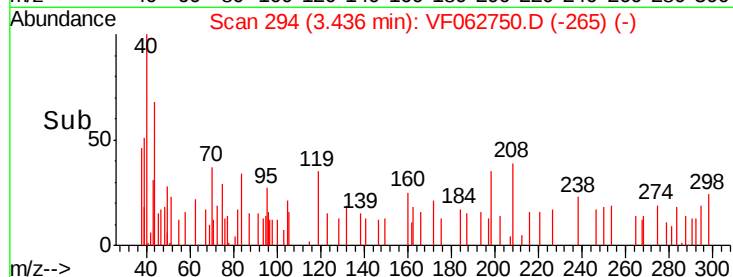
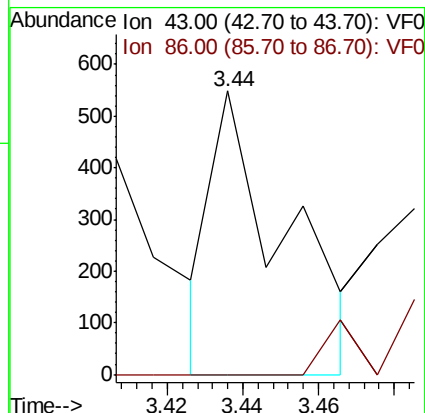
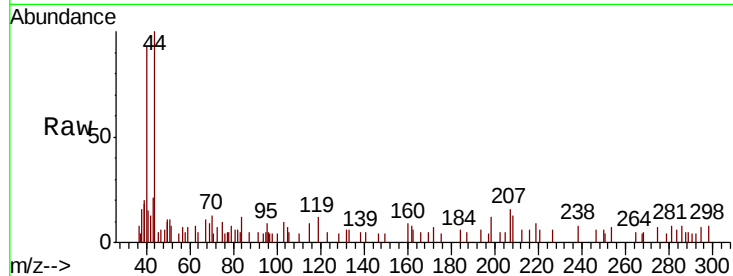
TP-2-S2

Tot Ion: 43 Resp: 733

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.2#



#24

1,1-Dichloroethane

Concen: 26.785 ug/l

RT: 3.08 min Scan# 258

Delta R.T. 0.06 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

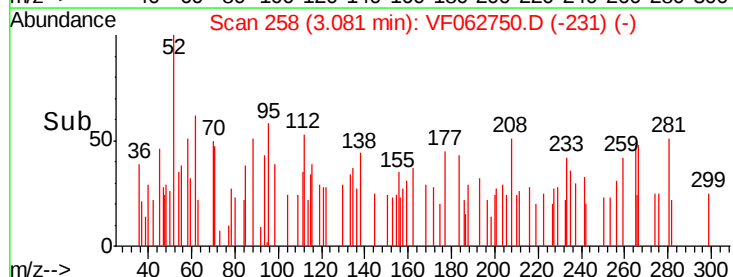
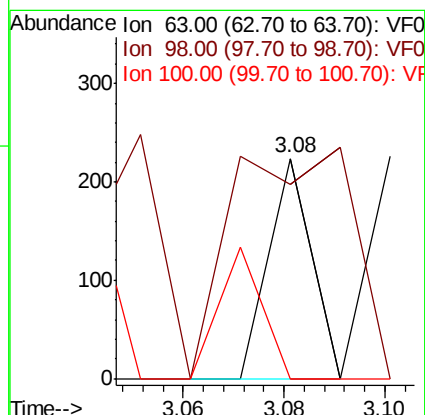
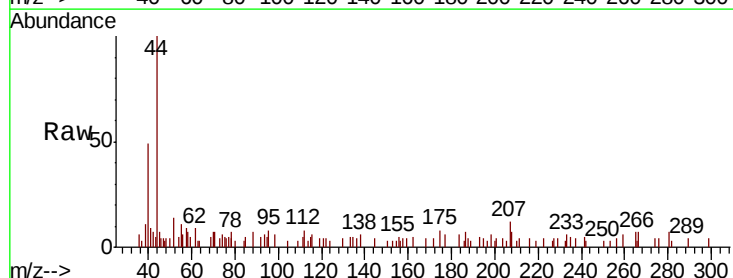
Tgt Ion: 63 Resp: 132

Ion Ratio Lower Upper

63 100

98 87.9 2.8 8.3#

100 0.0 1.9 5.7#

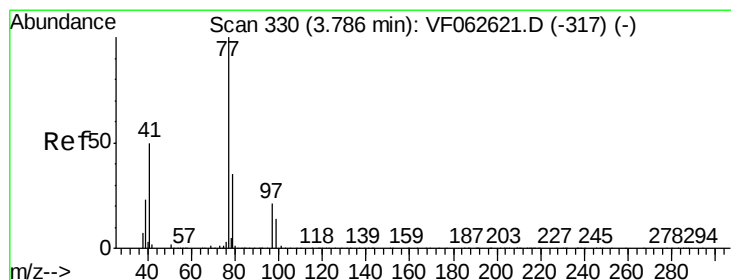
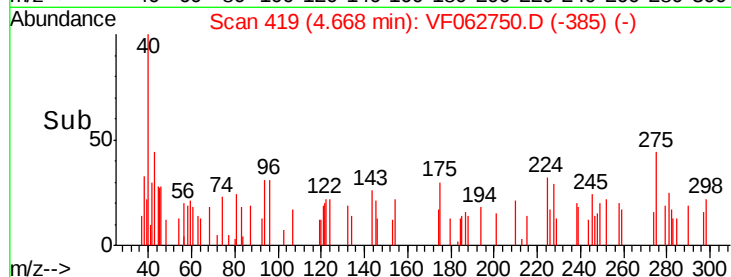
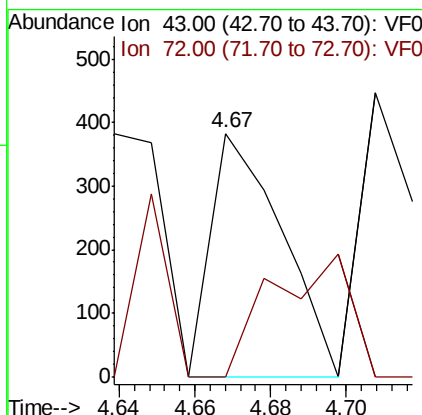
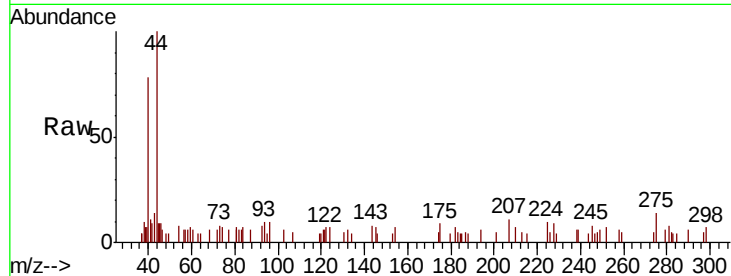




#25
2-Butanone
Concen: 378.013 ug/l
RT: 4.67 min Scan# 419
Delta R.T. 0.13 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

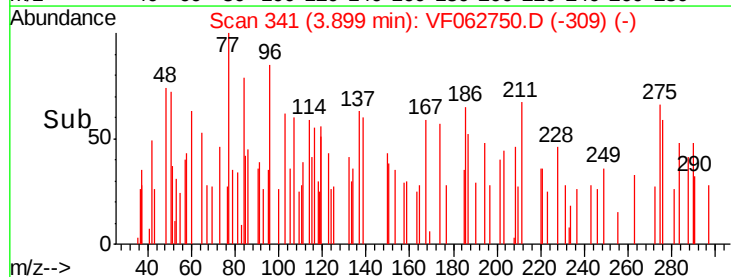
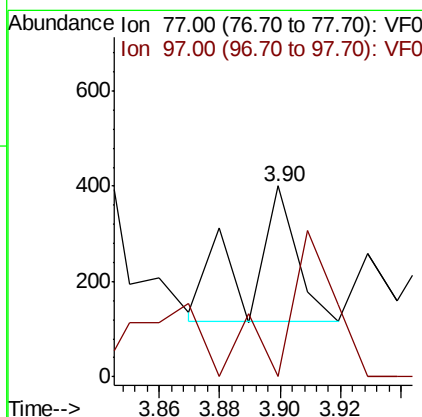
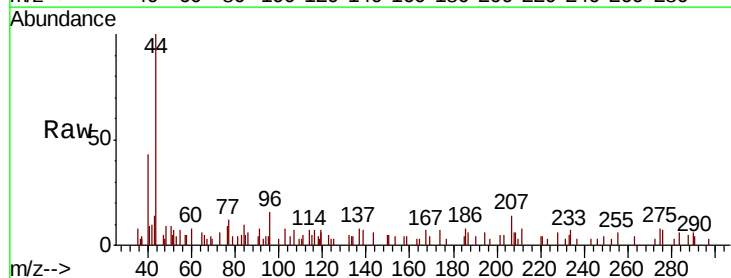
Instrument :
MSVOA_F
ClientSampleId :
TP-2-S2

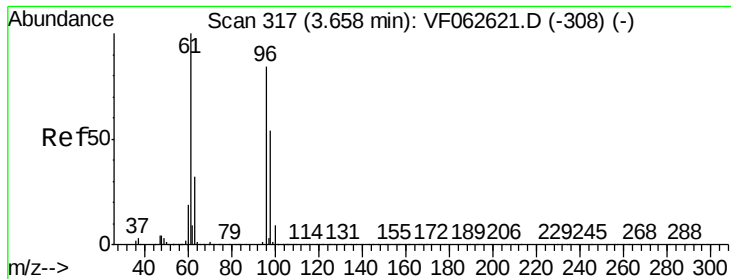
Tot Ion: 43 Resp: 496
Ion Ratio Lower Upper
43 100
72 0.0 20.1 30.1#



#26
2,2-Dichloropropane
Concen: 113.135 ug/l
RT: 3.90 min Scan# 341
Delta R.T. 0.11 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

Tgt Ion: 77 Resp: 319
Ion Ratio Lower Upper
77 100
97 0.0 14.1 42.4#



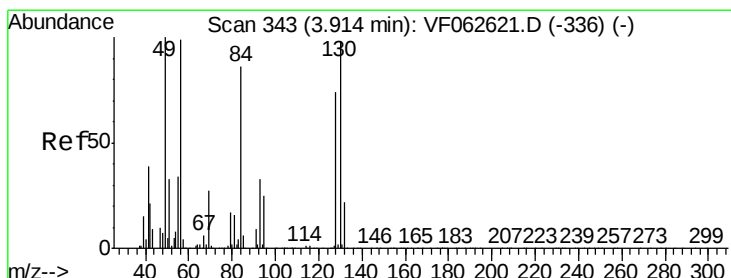
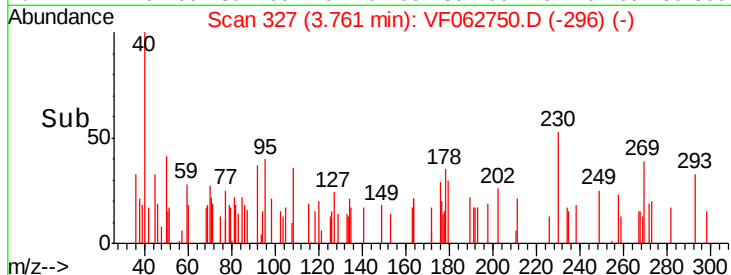
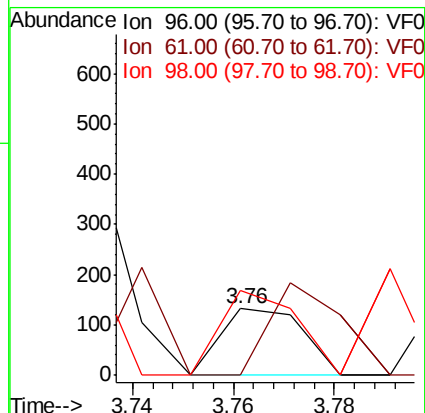
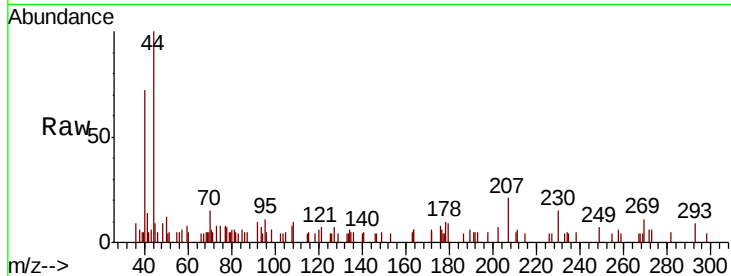


#27

cis-1,2-Dichloroethene
 Concen: 31.002 ug/l
 RT: 3.76 min Scan# 327
 Delta R.T. 0.10 min
 Lab File: VF062750.D
 Acq: 24 May 2019 16:51

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2-S2

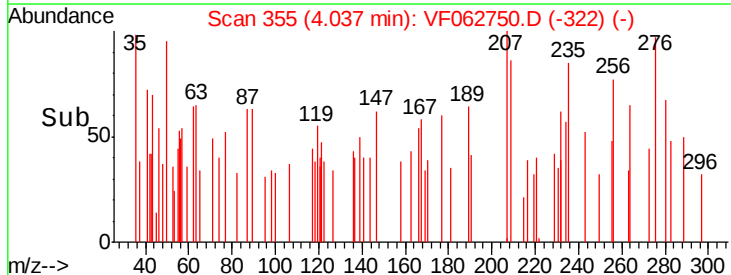
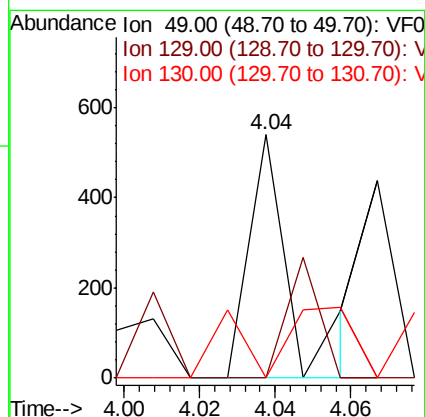
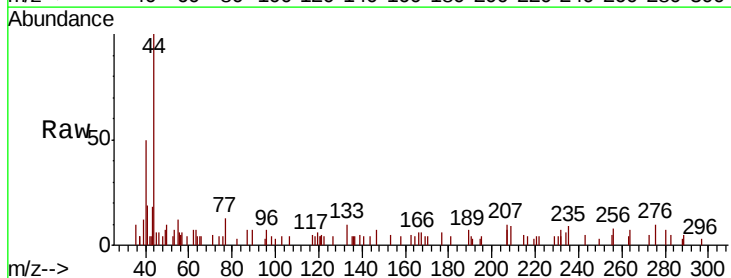
Tot Ion: 96 Resp: 150
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 237.4
 98 128.0 0.0 129.0

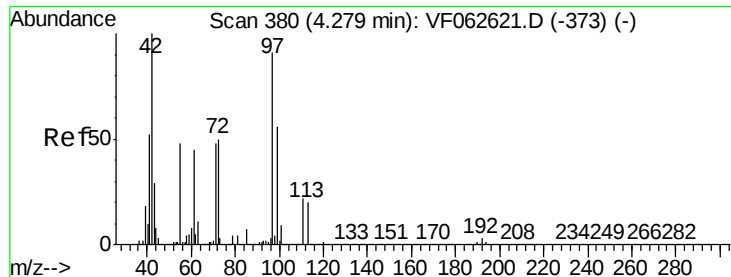


#28

Bromochloromethane
 Concen: 147.619 ug/l
 RT: 4.04 min Scan# 355
 Delta R.T. 0.12 min
 Lab File: VF062750.D
 Acq: 24 May 2019 16:51

Tgt Ion: 49 Resp: 408
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 0.0 77.8 116.8#





#29

Tetrahydrofuran

Concen: 824.904 ug/l

RT: 4.38 min Scan# 390

Delta R.T. 0.10 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampled :

TP-2-S2

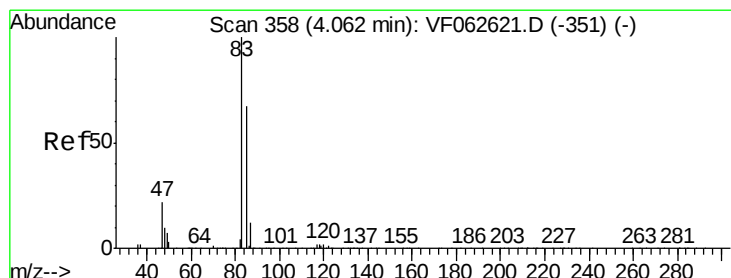
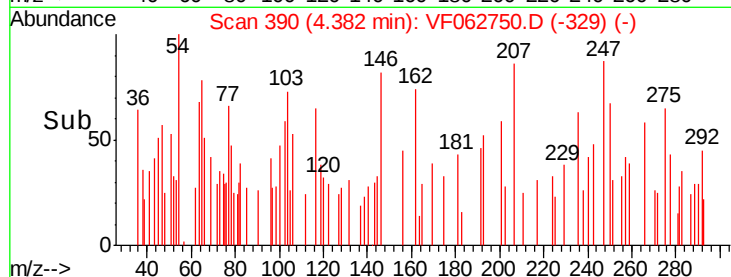
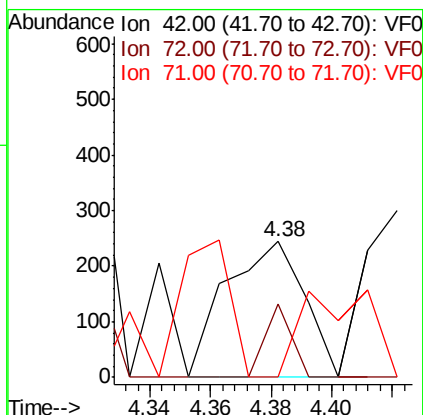
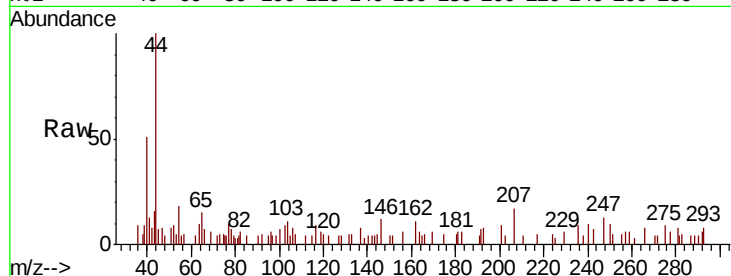
Tot Ion: 42 Resp: 438

Ion Ratio Lower Upper

42 100

72 17.6 38.2 57.2#

71 78.8 35.8 53.6#



#30

Chloroform

Concen: 50.715 ug/l

RT: 4.15 min Scan# 366

Delta R.T. 0.08 min

Lab File: VF062750.D

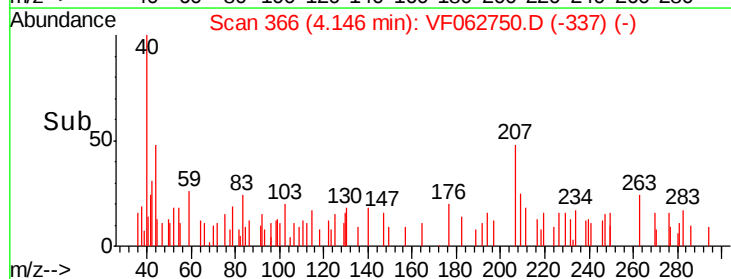
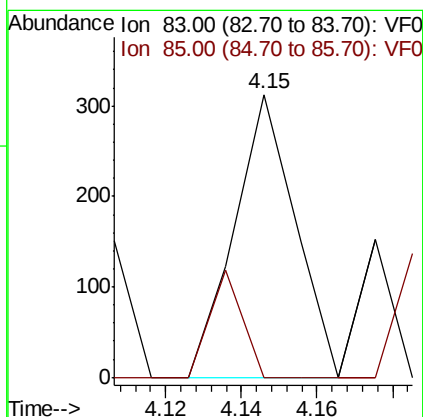
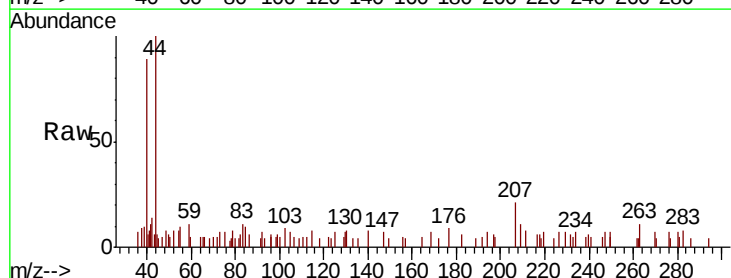
Acq: 24 May 2019 16:51

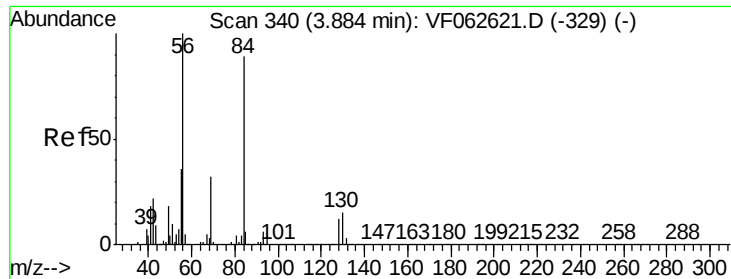
Tgt Ion: 83 Resp: 347

Ion Ratio Lower Upper

83 100

85 0.0 53.6 80.4#

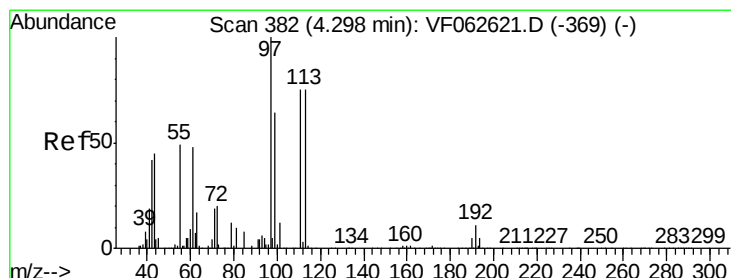
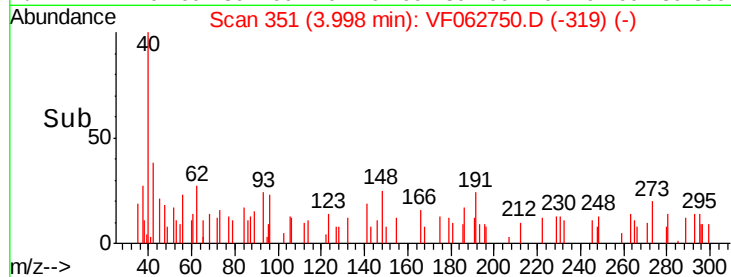
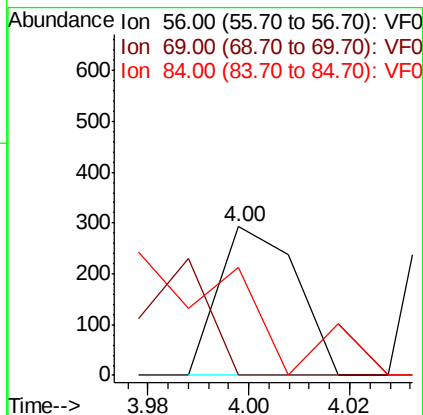
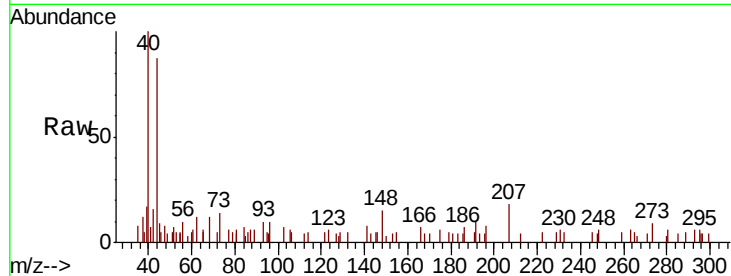




#31
Cvclohexane
Concen: 47.454 ug/l
RT: 4.00 min Scan# 351
Delta R.T. 0.11 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

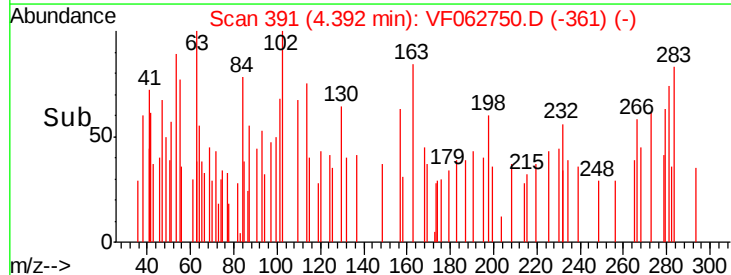
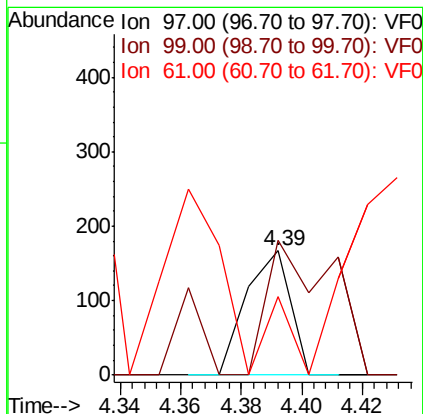
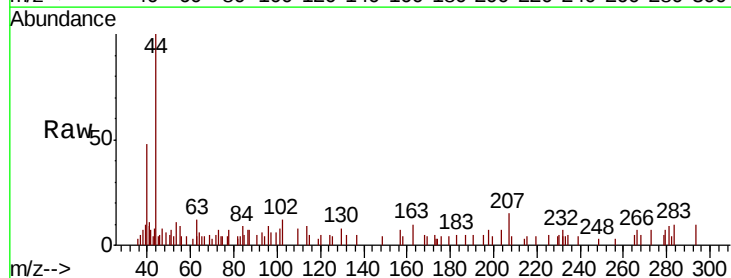
Instrument :
MSVOA_F
ClientSampleId :
TP-2-S2

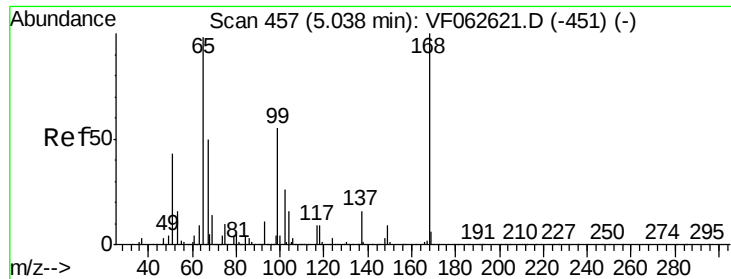
Tot Ion: 56 Resp: 314
Ion Ratio Lower Upper
56 100
69 0.0 25.3 37.9#
84 107.2 71.0 106.4#



#32
1,1,1-Trichloroethane
Concen: 37.192 ug/l
RT: 4.39 min Scan# 391
Delta R.T. 0.09 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

Tgt Ion: 97 Resp: 169
Ion Ratio Lower Upper
97 100
99 108.4 51.3 76.9#
61 63.5 38.2 57.2#





#33

1,2-Dichloroethane-d4

Concen: 93.779 ug/l

RT: 5.16 min Scan# 469

Delta R.T. 0.12 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

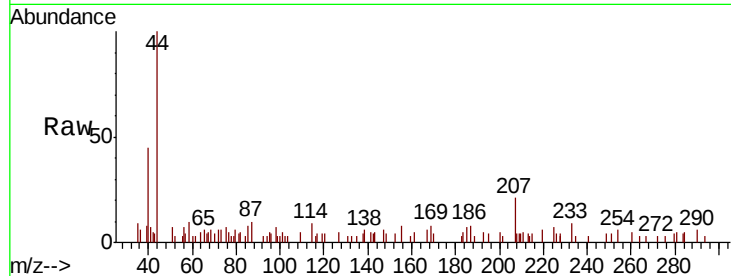
TP-2-S2

Tot Ion: 65 Resp: 222

Ion Ratio Lower Upper

65 100

67 89.4 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

300

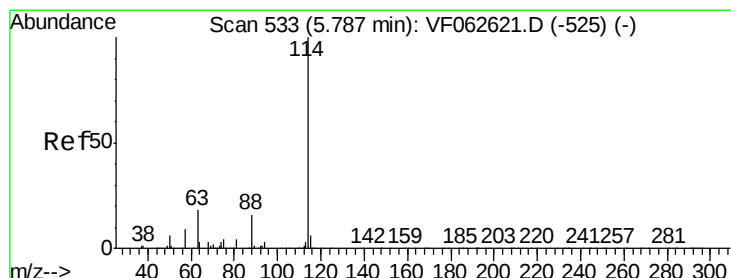
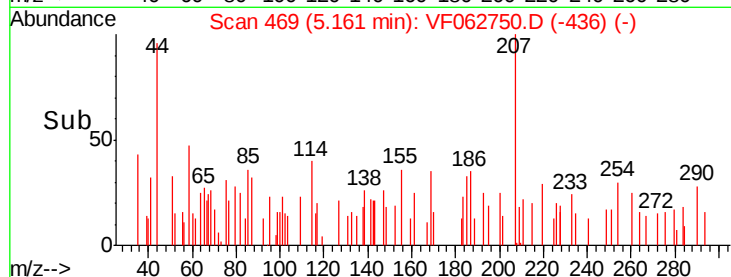
200

100

0

5.14 5.16 5.18 5.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.96 min Scan# 550

Delta R.T. 0.17 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

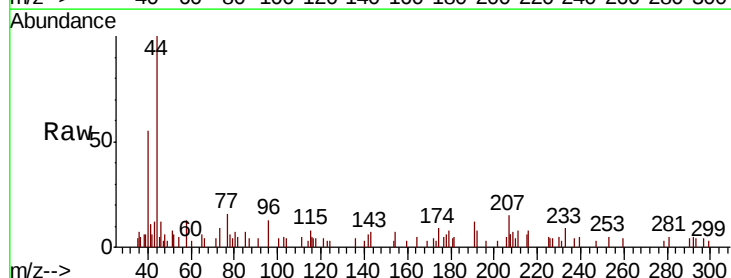
Tgt Ion: 114 Resp: 59

Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.4

88 0.0 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

400

300

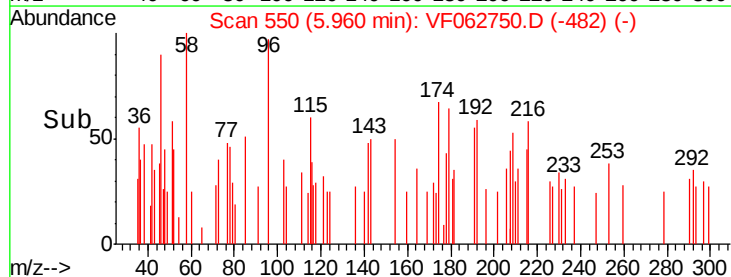
200

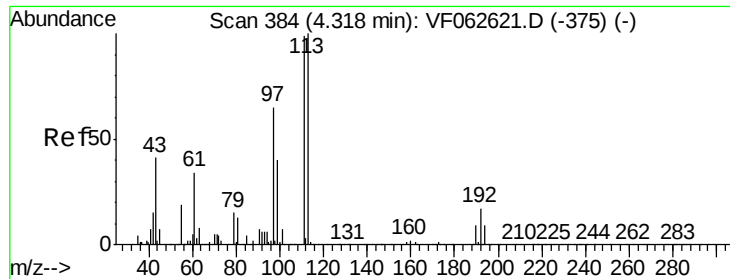
100

0

5.94 5.96 5.98

Time-->





#35

Dibromofluoromethane

Concen: 194.919 ug/l

RT: 4.45 min Scan# 397

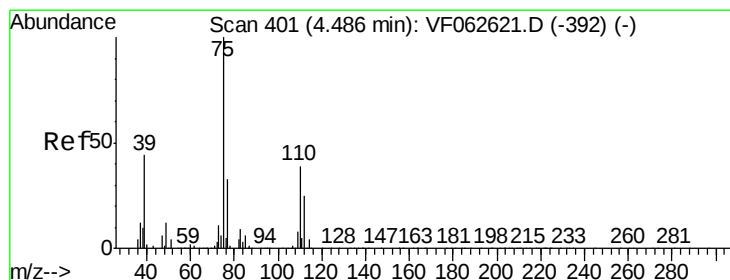
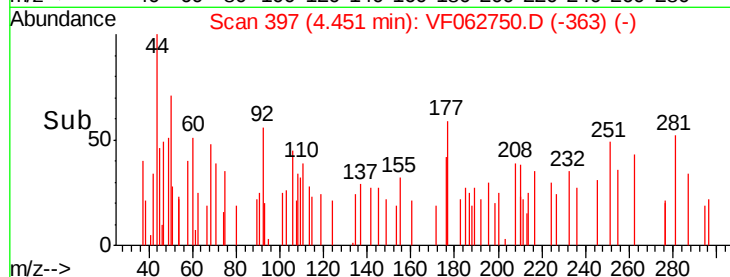
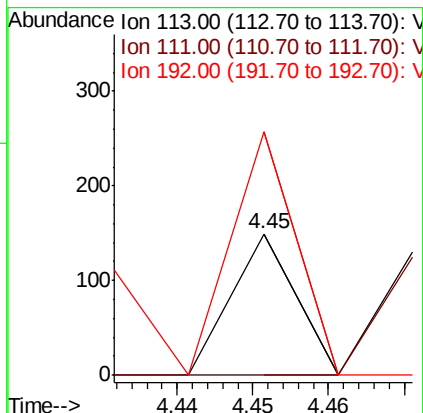
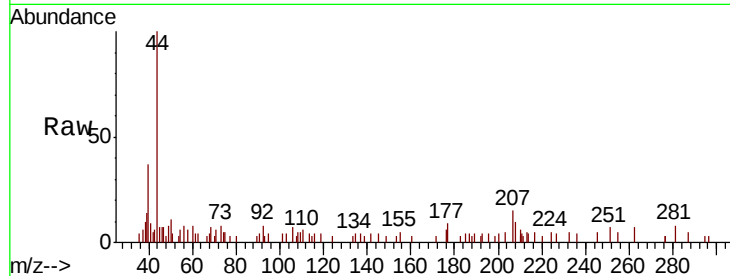
Delta R.T. 0.13 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :
MSVOA_F
ClientSampleId :
TP-2-S2

Tot Ion:	113	Resp:	88
Ion	Ratio	Lower	Upper
113	100		
111	0.0	79.4	119.2#
192	172.5	13.4	20.2#



#36

1,1-Dichloropropene

Concen: 610.354 ug/l

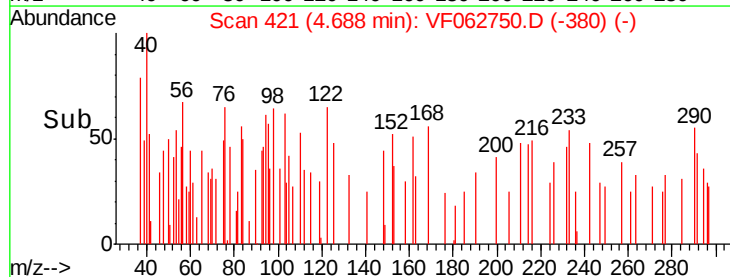
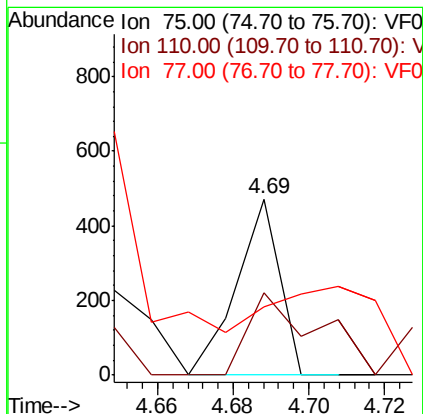
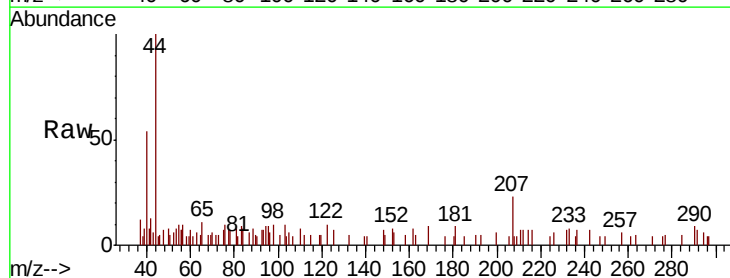
RT: 4.69 min Scan# 421

Delta R.T. 0.20 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Tgt Ion:	75	Resp:	369
Ion	Ratio	Lower	Upper
75	100		
110	46.6	19.7	59.1
77	38.8	26.3	39.5

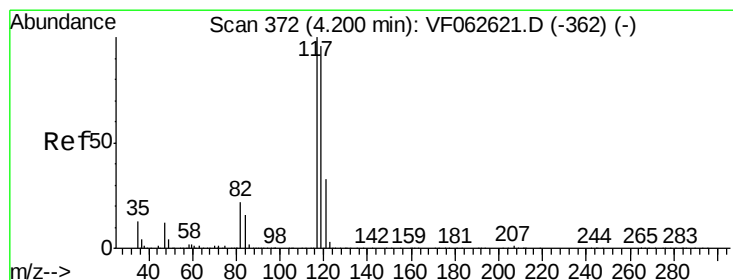
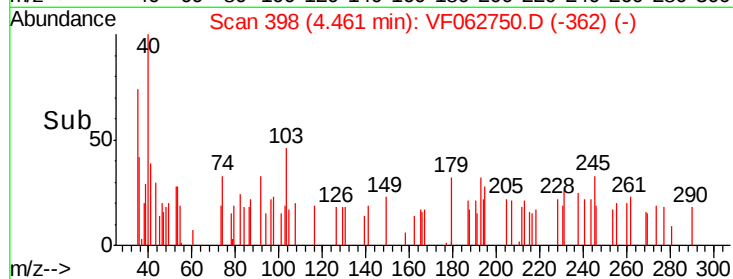
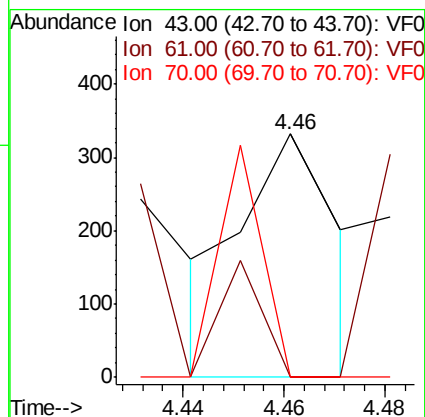
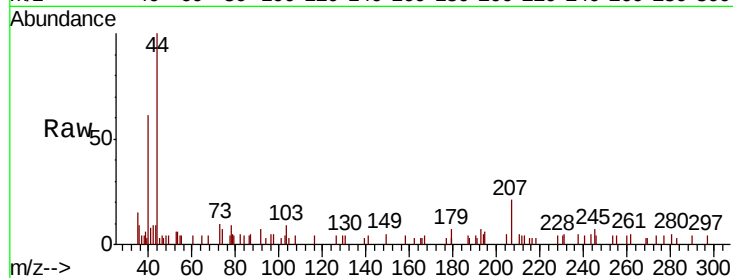




#37
Ethyl Acetate
Concen: 1754.130 ug/l
RT: 4.46 min Scan# 398
Delta R.T. 0.15 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

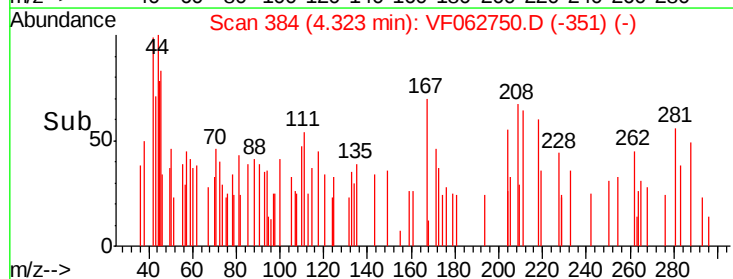
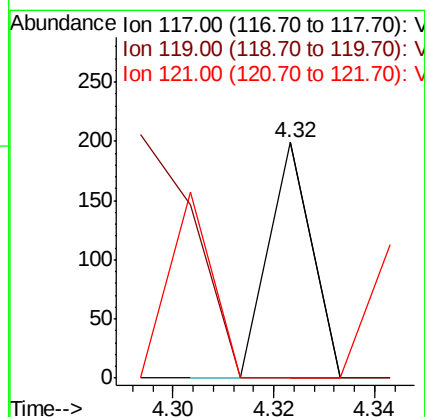
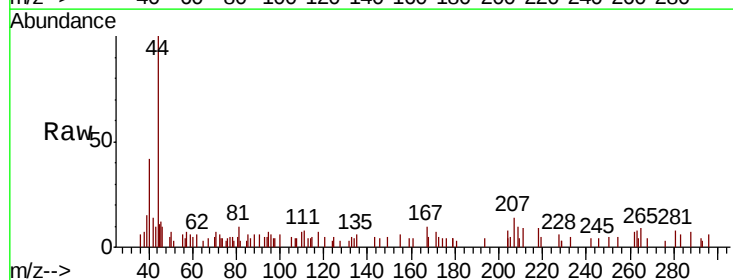
Instrument :
MSVOA_F
ClientSampleId :
TP-2-S2

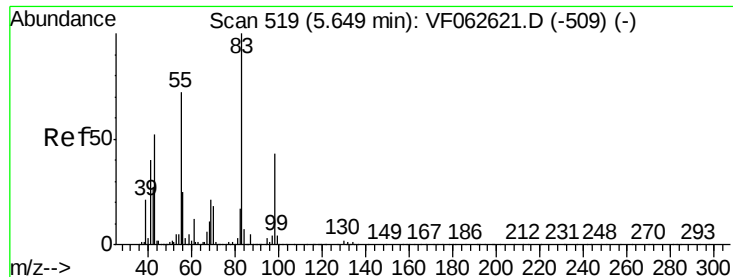
Tot Ion	43.00	Resp:	433
Ion	Ratio	Lower	Upper
43	100		
61	0.0	76.9	115.3#
70	0.0	8.8	13.2#



#38
Carbon Tetrachloride
Concen: 259.522 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.12 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

Tgt Ion	117.00	Resp:	118
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.7	115.1#
121	0.0	26.6	40.0#

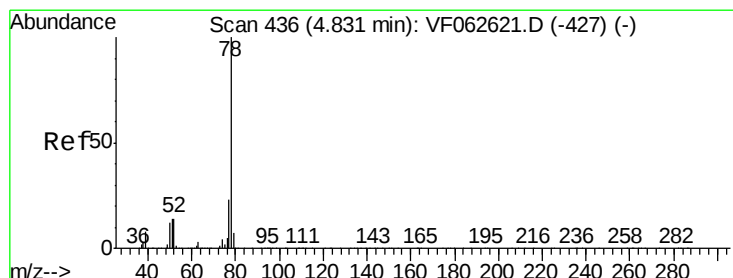
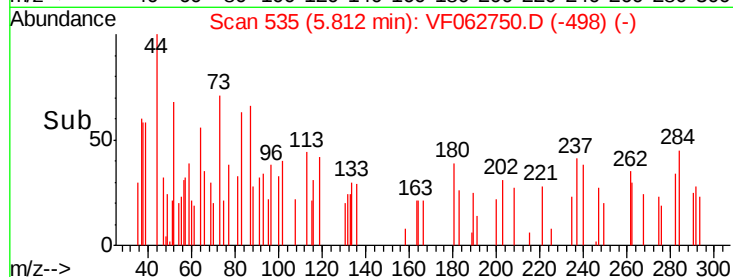
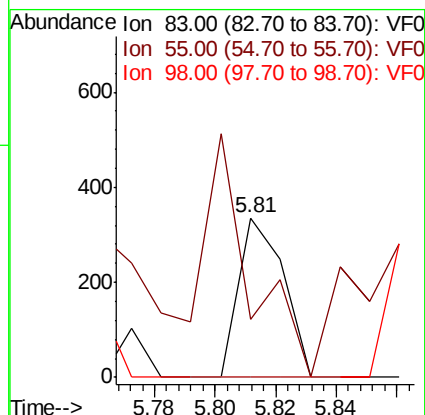
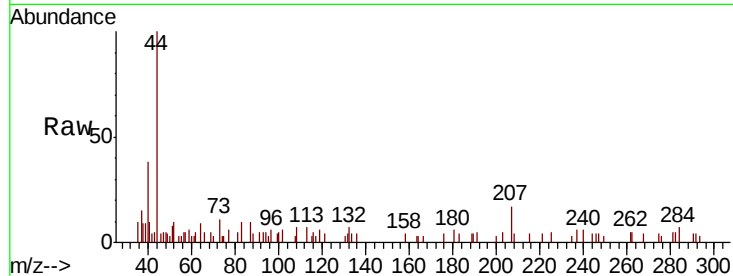




#39
Methvlcvclohexane
Concen: 475.636 ug/l
RT: 5.81 min Scan# 535
Delta R.T. 0.16 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

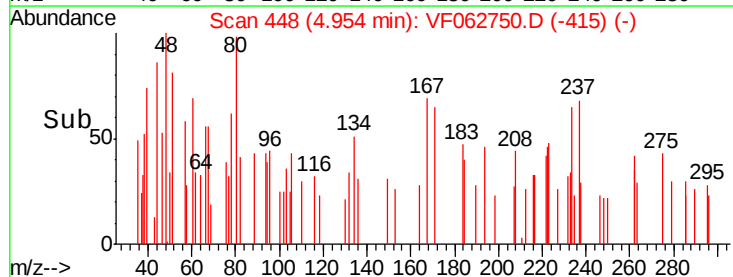
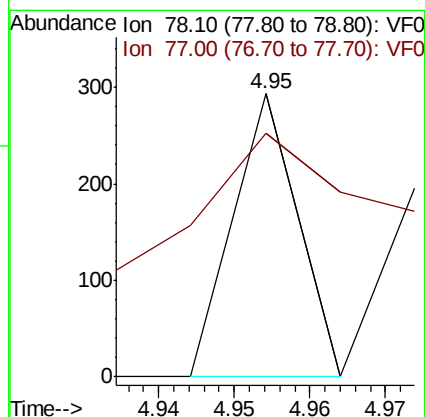
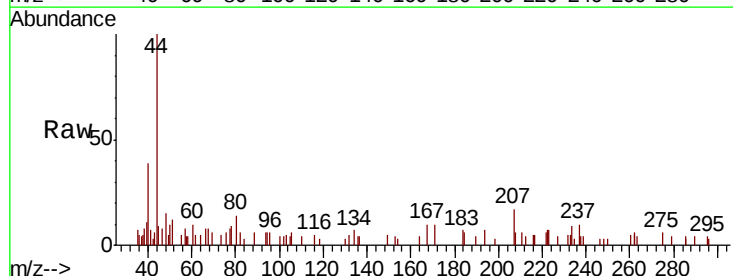
Instrument :
MSVOA_F
ClientSampleId :
TP-2-S2

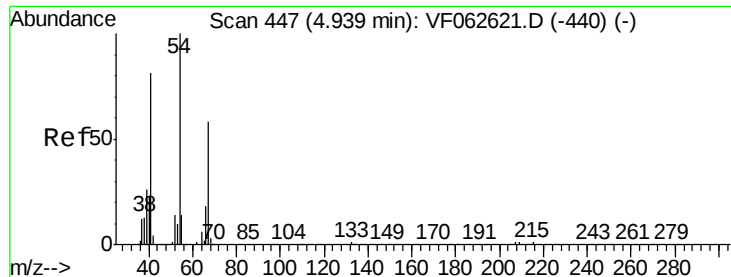
Tot Ion: 83 Resp: 346
Ion Ratio Lower Upper
83 100
55 36.4 57.9 86.9#
98 0.0 34.6 52.0#



#40
Benzene
Concen: 105.039 ug/l
RT: 4.95 min Scan# 448
Delta R.T. 0.12 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

Tgt Ion: 78 Resp: 173
Ion Ratio Lower Upper
78 100
77 86.3 18.2 27.2#

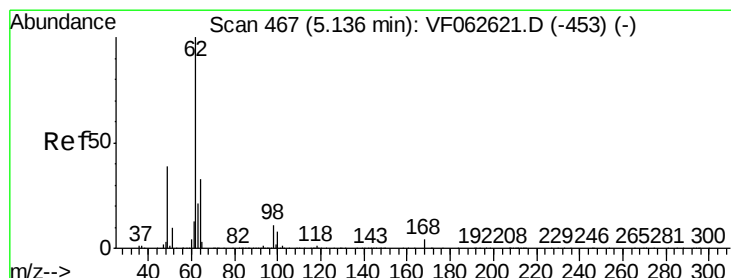
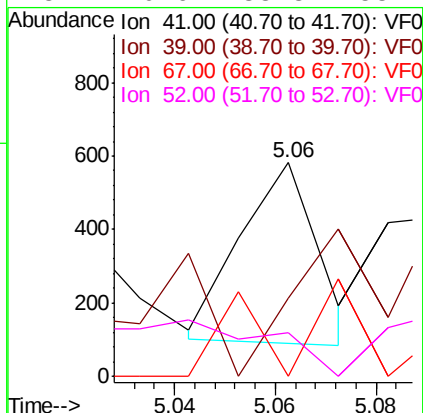
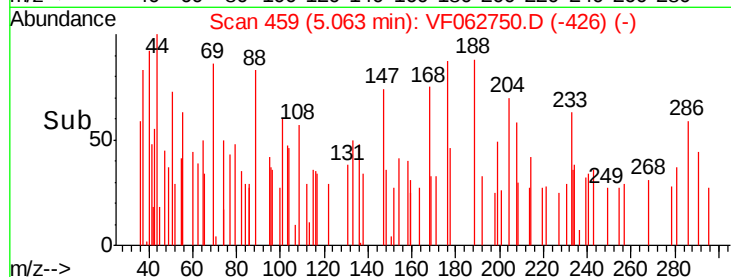
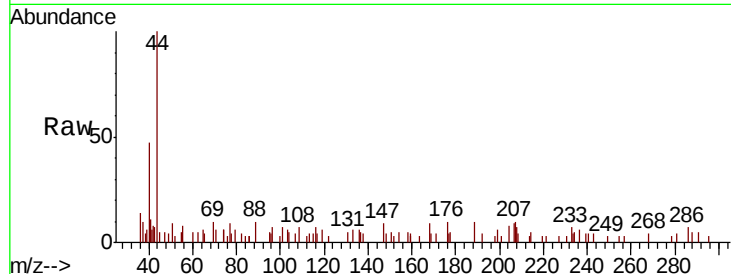




#41
Methacrylonitrile
Concen: 4002.642 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.12 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

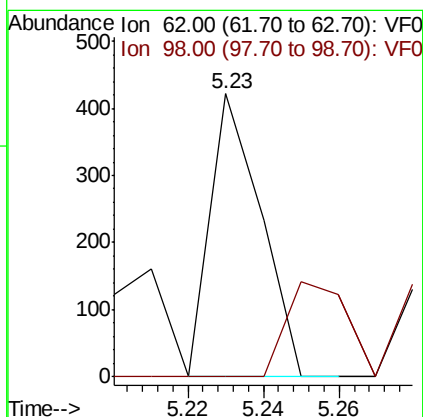
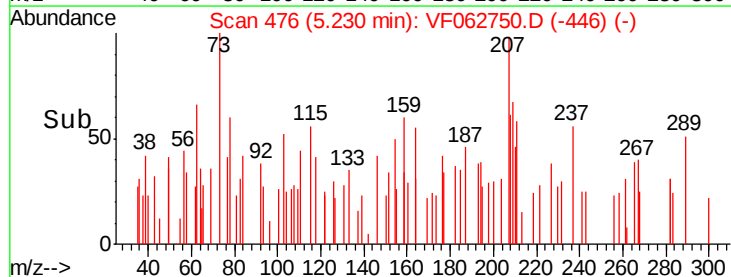
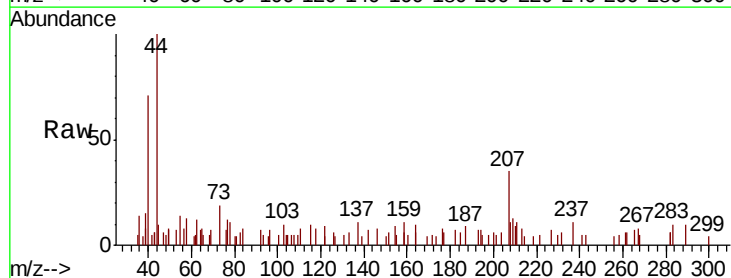
Instrument :
MSVOA_F
ClientSampled :
TP-2-S2

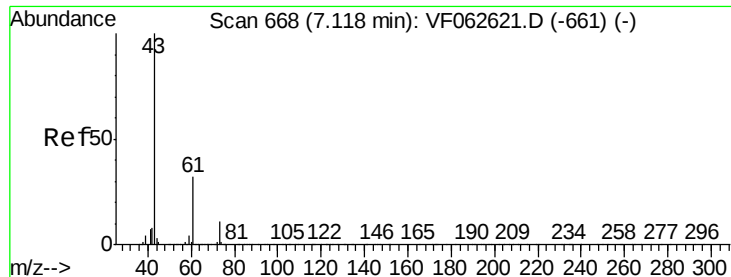
Tot Ion:	41	Resp:	518
Ion	Ratio	Lower	Upper
41	100		
39	36.4	42.2	63.2#
67	0.0	56.4	84.6#
52	20.6	38.8	58.2#



#42
1,2-Dichloroethane
Concen: 1178.299 ug/l
RT: 5.23 min Scan# 476
Delta R.T. 0.09 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

Tgt Ion:	62	Resp:	387
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	21.6



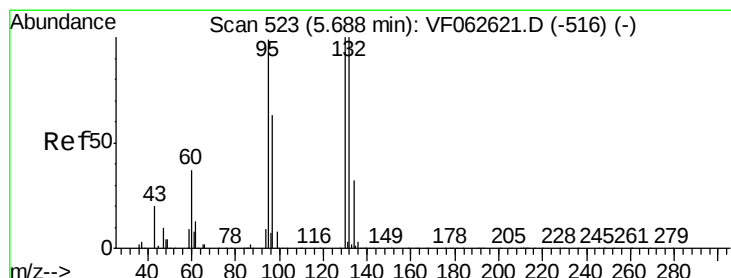
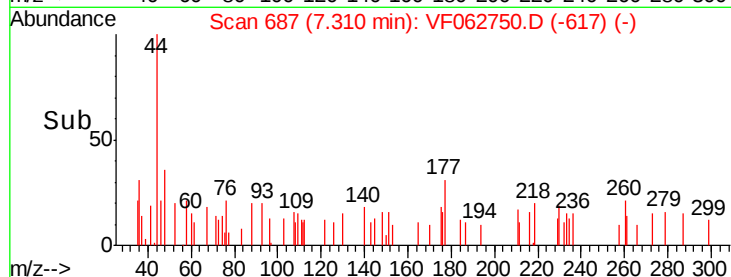
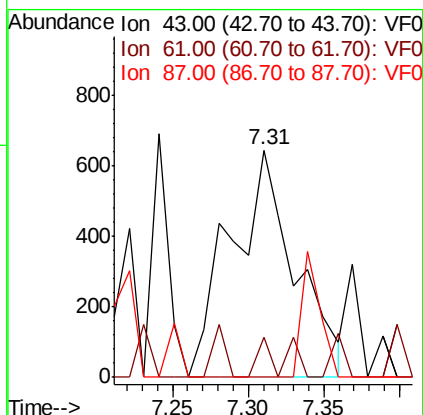
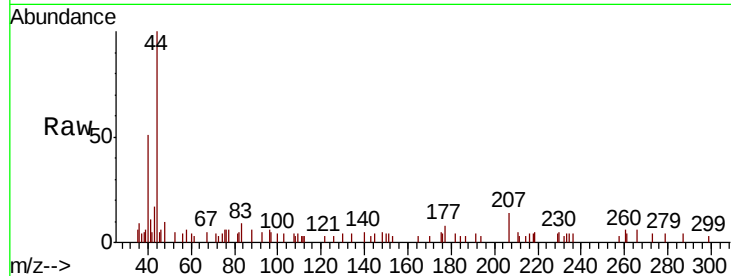


#43

Isopropyl Acetate
 Concen: 6006.910 ug/l
 RT: 7.31 min Scan# 687
 Delta R.T. 0.19 min
 Lab File: VF062750.D
 Acq: 24 May 2019 16:51

Instrument :
 MSVOA_F
 ClientSampleID :
 TP-2-S2

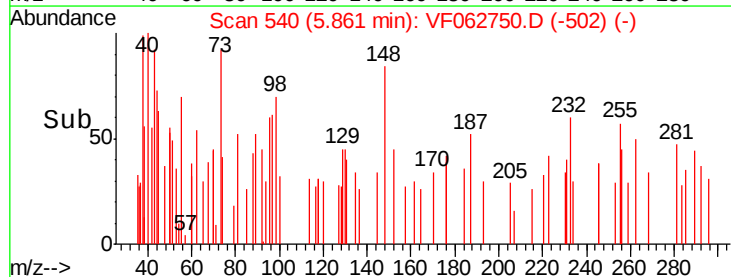
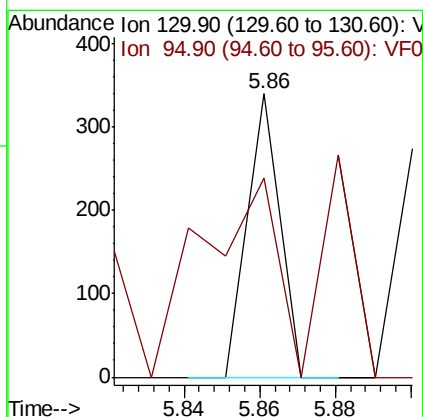
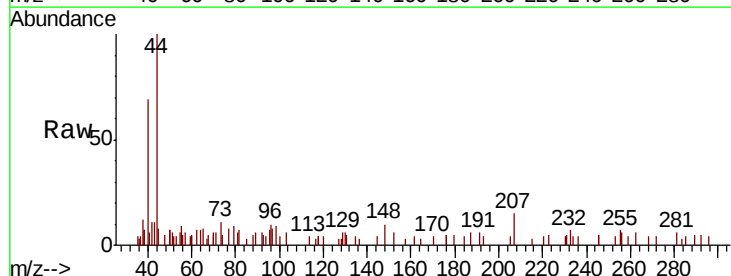
Tot Ion: 43 Resp: 1921
 Ion Ratio Lower Upper
 43 100
 61 17.9 25.8 38.8#
 87 0.0 0.4 0.6#

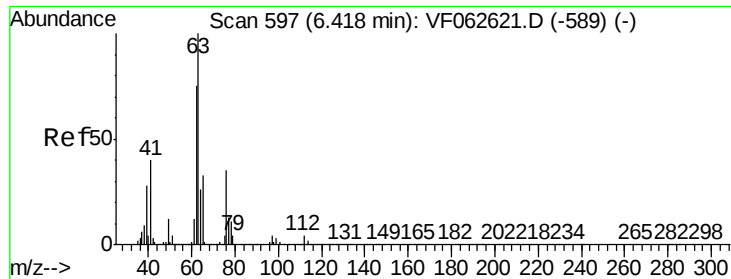


#44

Trichloroethene
 Concen: 434.220 ug/l
 RT: 5.86 min Scan# 540
 Delta R.T. 0.17 min
 Lab File: VF062750.D
 Acq: 24 May 2019 16:51

Tgt Ion:130 Resp: 201
 Ion Ratio Lower Upper
 130 100
 95 70.5 0.0 199.4





#45

1,2-Dichloropropane

Concen: 704.728 ug/l

RT: 6.59 min Scan# 614

Delta R.T. 0.17 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampled :

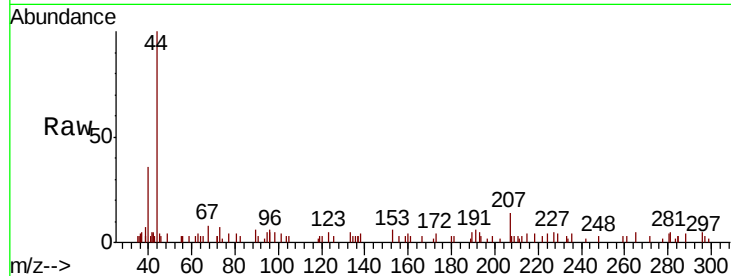
TP-2-S2

Tot Ion: 63 Resp: 293

Ion Ratio Lower Upper

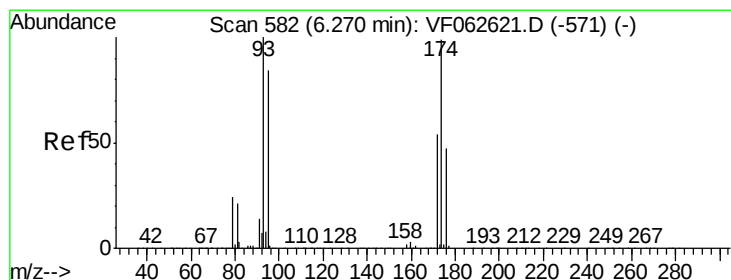
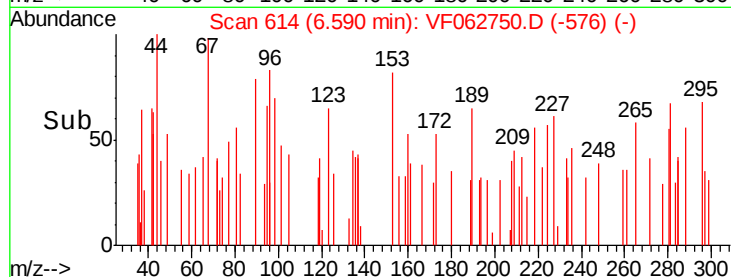
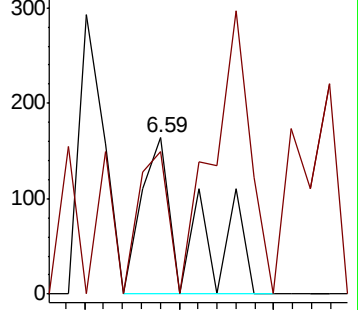
63 100

65 91.5 26.3 39.5#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 1011.317 ug/l

RT: 6.44 min Scan# 599

Delta R.T. 0.17 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

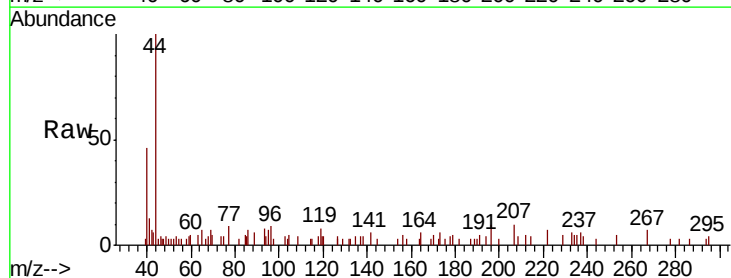
Tgt Ion: 93 Resp: 243

Ion Ratio Lower Upper

93 100

95 90.4 67.4 101.2

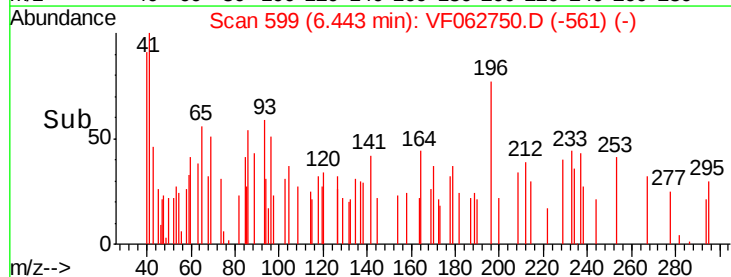
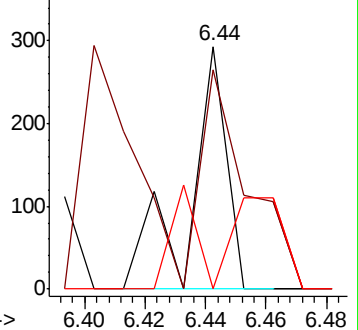
174 0.0 79.4 119.2#



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 467.099 ug/l

RT: 6.79 min Scan# 634

Delta R.T. 0.22 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

TP-2-S2

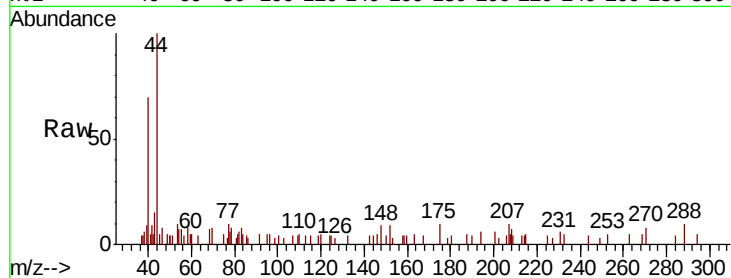
Tot Ion: 83 Resp: 233

Ion Ratio Lower Upper

83 100

85 49.0 52.0 78.0#

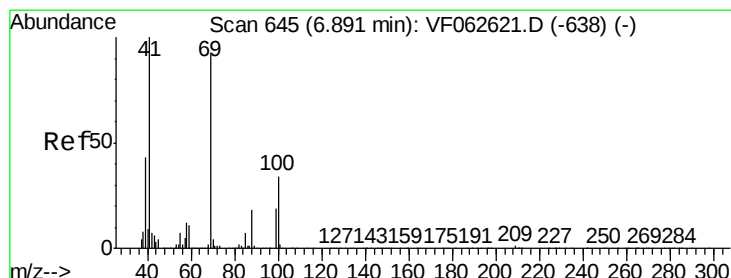
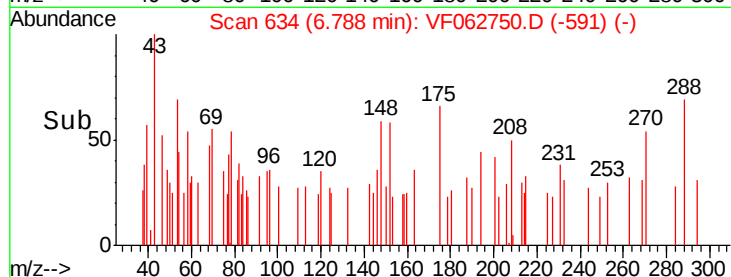
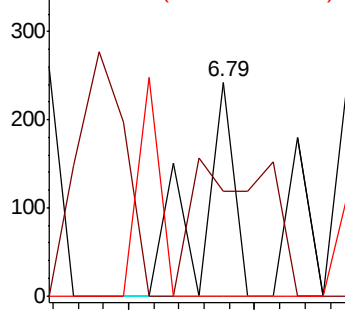
127 0.0 7.7 11.5#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 9667.787 ug/l

RT: 7.15 min Scan# 671

Delta R.T. 0.26 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

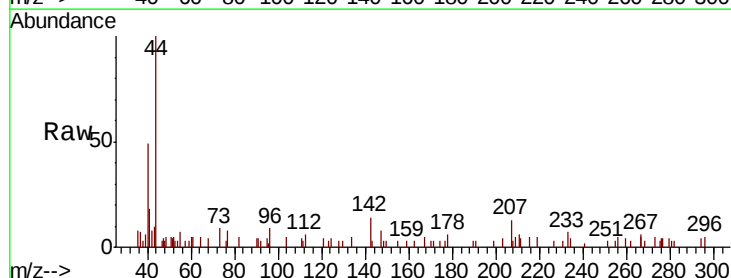
Tgt Ion: 41 Resp: 1616

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

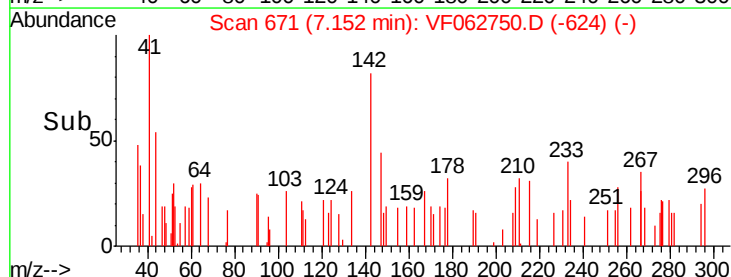
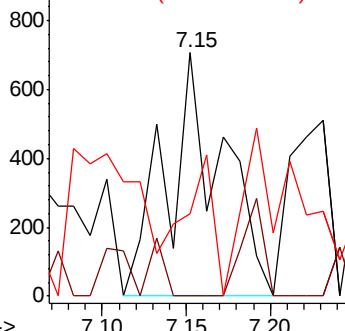
39 33.9 34.2 51.4#

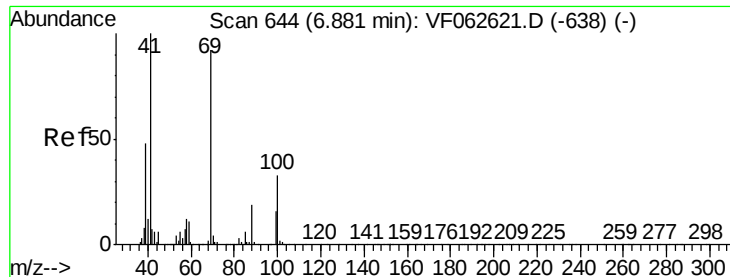


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

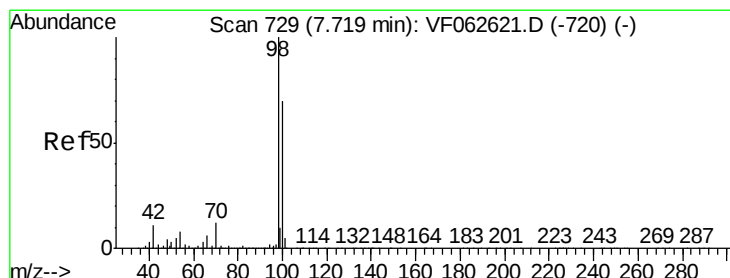
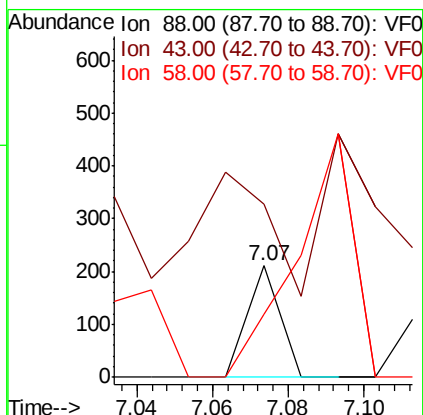
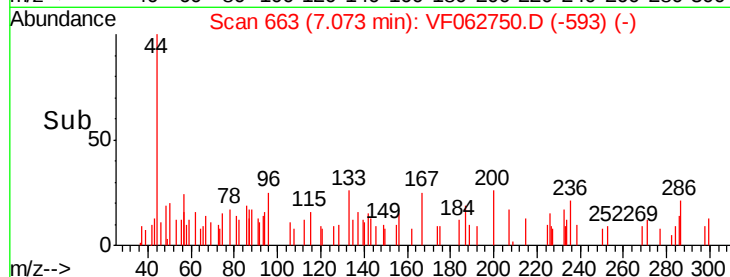
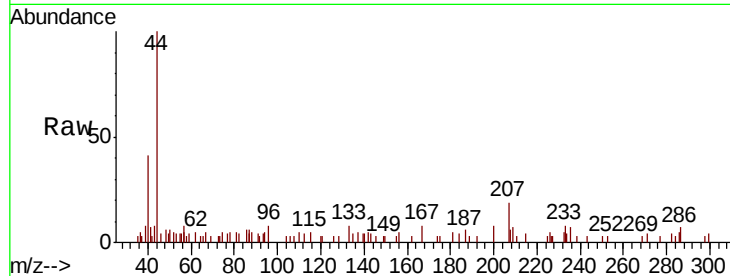




#49
1,4-Dioxane
Concen: 58387.075 ug/l
RT: 7.07 min Scan# 663
Delta R.T. 0.19 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

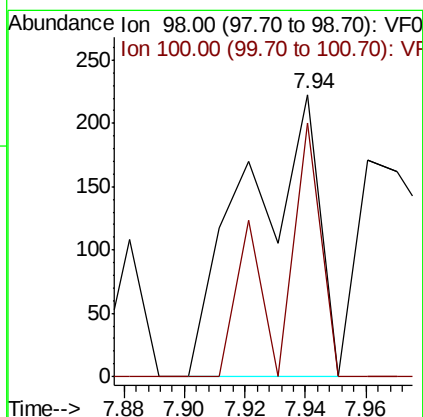
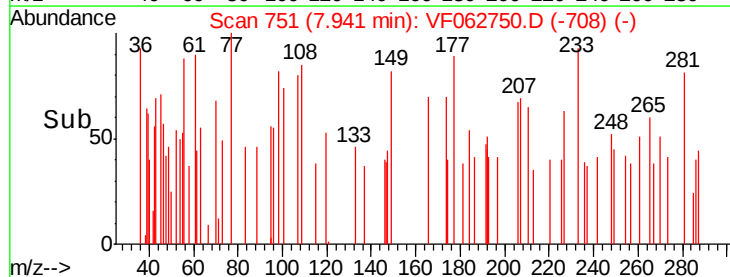
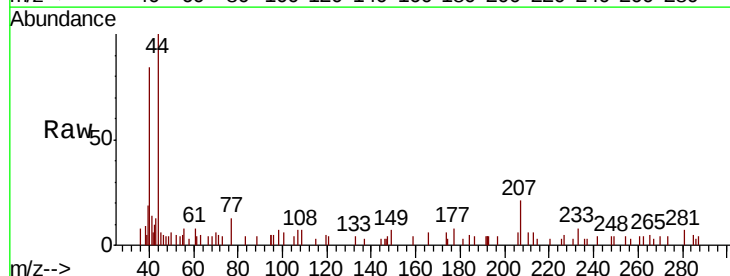
Instrument :
MSVOA_F
ClientSampleId :
TP-2-S2

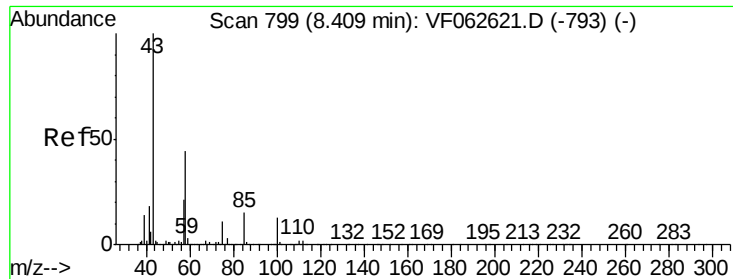
Tot Ion: 88 Resp: 125
Ion Ratio Lower Upper
88 100
43 155.5 30.0 45.0#
58 56.9 51.1 76.7



#50
Toluene-d8
Concen: 337.682 ug/l
RT: 7.94 min Scan# 751
Delta R.T. 0.22 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

Tgt Ion: 98 Resp: 364
Ion Ratio Lower Upper
98 100
100 89.7 56.2 84.2#





#51

4-Methyl-2-Pentanone

Concen: 3696.343 ug/l

RT: 8.72 min Scan# 830

Delta R.T. 0.31 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampled :

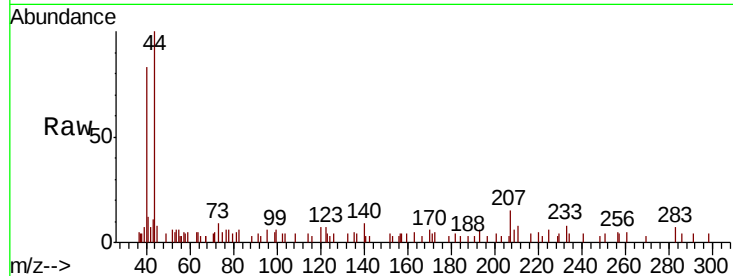
TP-2-S2

Tot Ion: 43 Resp: 808

Ion Ratio Lower Upper

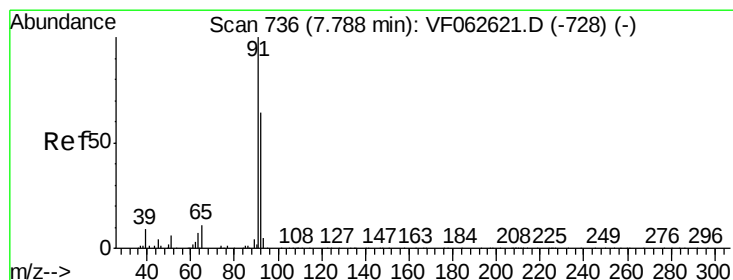
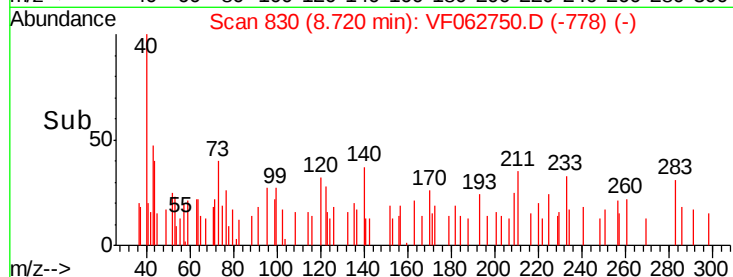
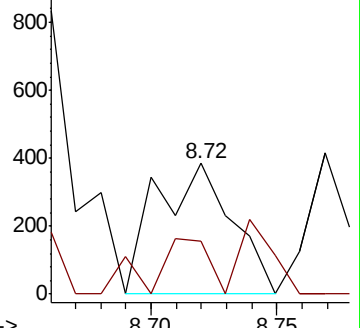
43 100

58 40.3 34.9 52.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 285.957 ug/l

RT: 8.04 min Scan# 761

Delta R.T. 0.25 min

Lab File: VF062750.D

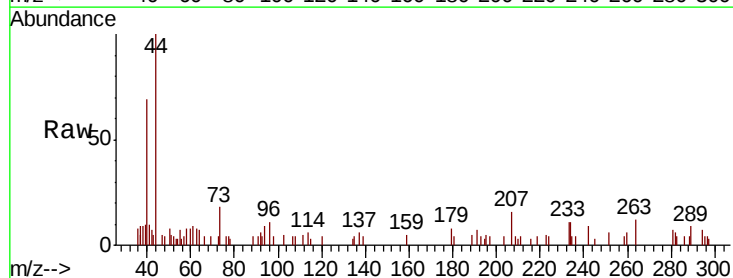
Acq: 24 May 2019 16:51

Tgt Ion: 92 Resp: 247

Ion Ratio Lower Upper

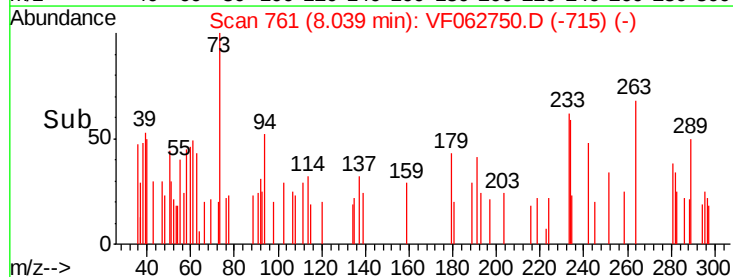
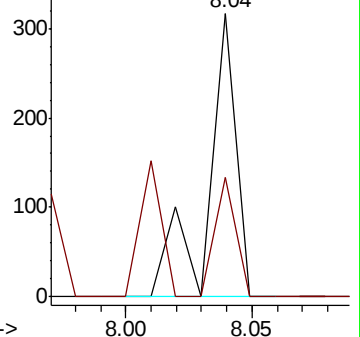
92 100

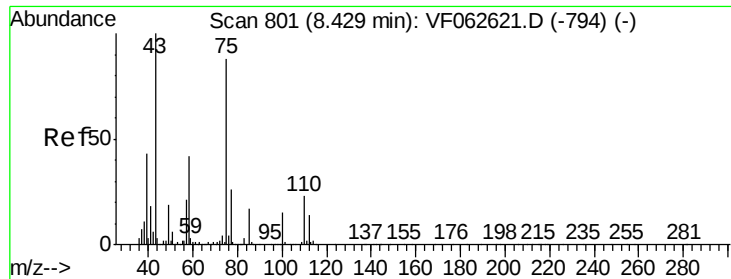
91 42.3 125.4 188.0#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

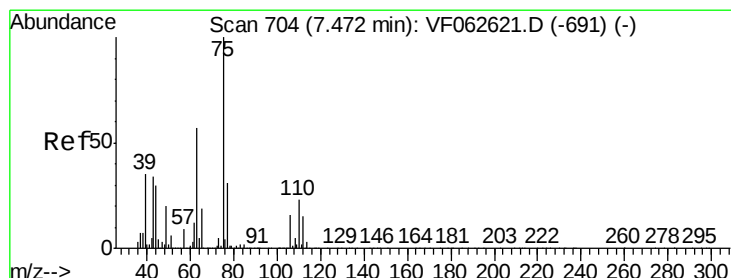
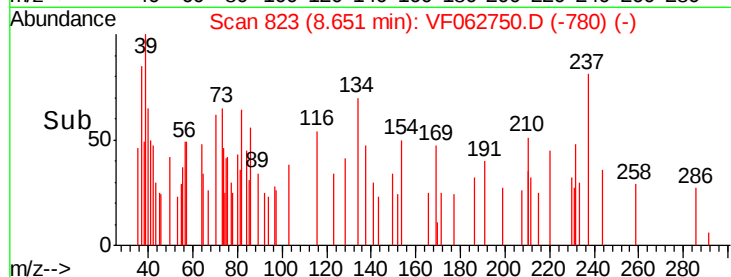
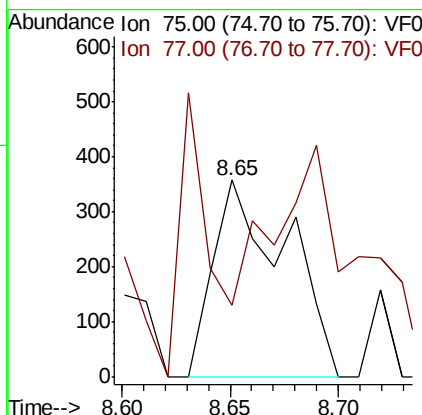
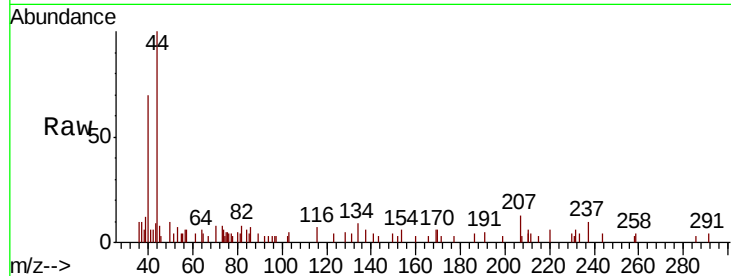




#53
 t-1,3-Dichloropropene
 Concen: 2050.974 ug/l
 RT: 8.65 min Scan# 823
 Delta R.T. 0.22 min
 Lab File: VF062750.D
 Acq: 24 May 2019 16:51

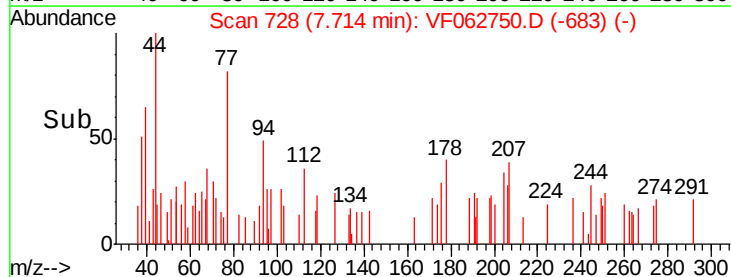
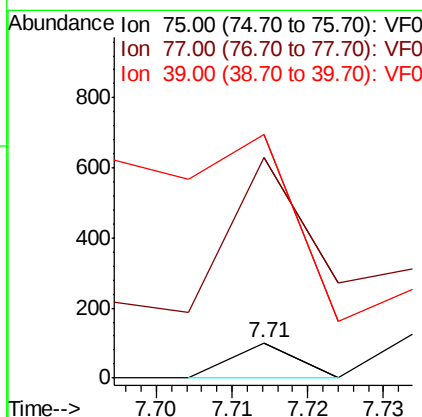
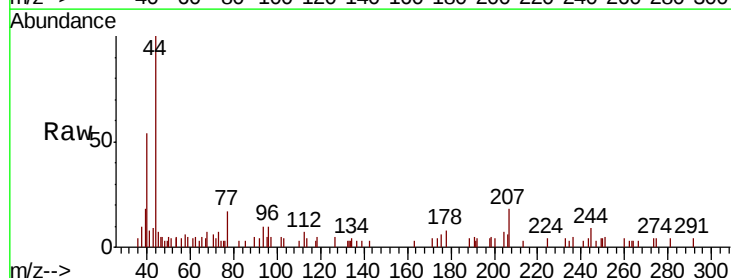
Instrument :
 MSVOA_F
 ClientSampled :
 TP-2-S2

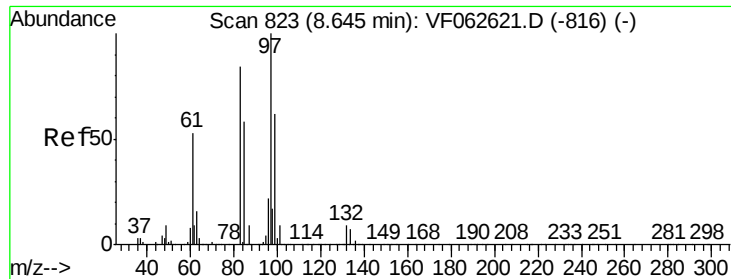
Tot Ion: 75 Resp: 837
 Ion Ratio Lower Upper
 75 100
 77 36.1 24.2 36.4



#54
 cis-1,3-Dichloropropene
 Concen: 103.279 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.24 min
 Lab File: VF062750.D
 Acq: 24 May 2019 16:51

Tgt Ion: 75 Resp: 59
 Ion Ratio Lower Upper
 75 100
 77 631.0 25.3 37.9#
 39 695.0 28.2 42.2#





#55

1,1,2-Trichloroethane

Concen: 914.959 ug/l

RT: 8.89 min Scan# 847

Delta R.T. 0.24 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

TP-2-S2

Tot Ion: 97 Resp: 234

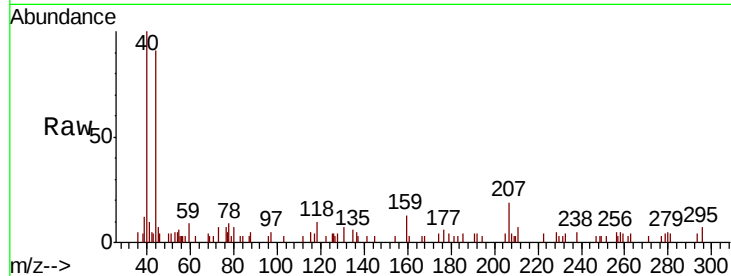
Ion Ratio Lower Upper

97 100

83 59.3 67.3 100.9#

85 0.0 46.6 69.8#

99 0.0 49.7 74.5#

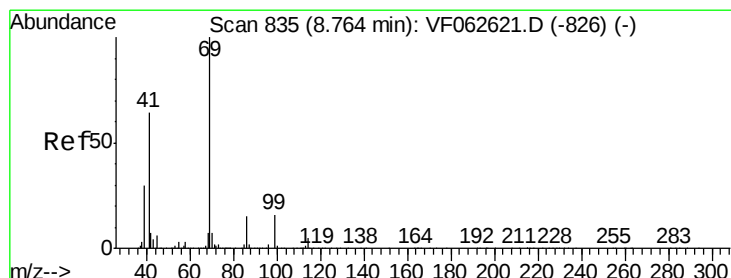
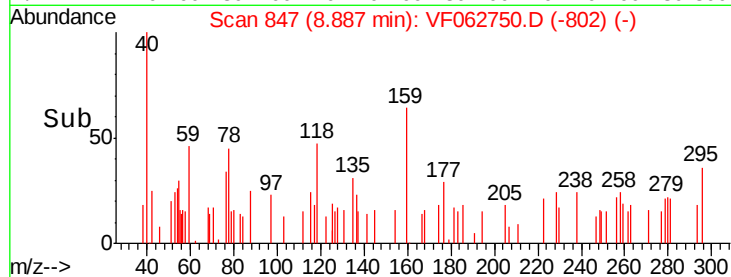
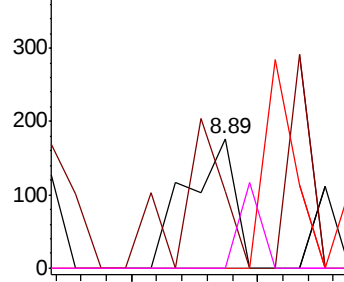


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 705.628 ug/l

RT: 9.02 min Scan# 860

Delta R.T. 0.25 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

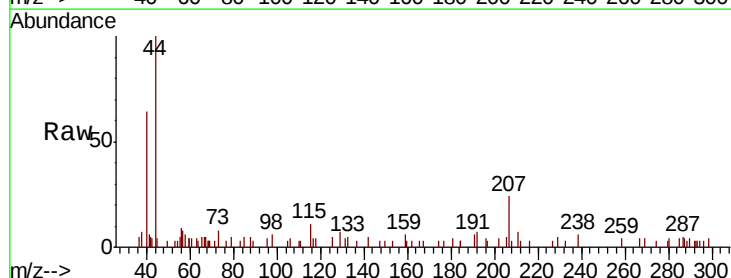
Tgt Ion: 69 Resp: 215

Ion Ratio Lower Upper

69 100

41 86.4 51.4 77.2#

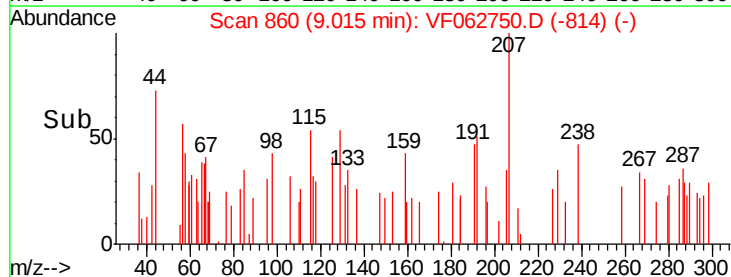
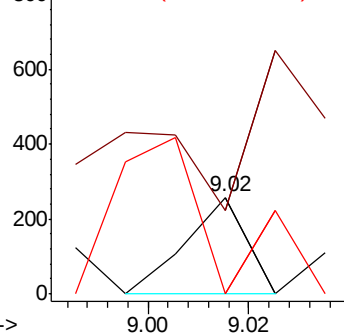
39 0.0 23.6 35.4#

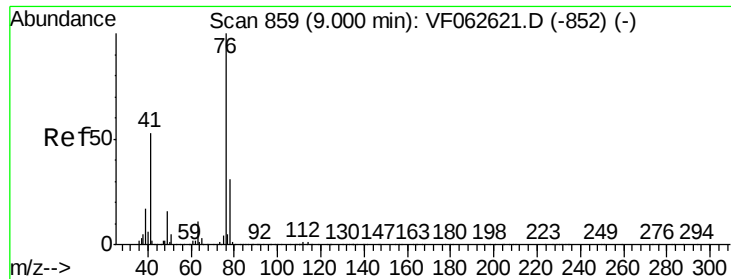


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 585.376 ug/l

RT: 9.28 min Scan# 887

Delta R.T. 0.28 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

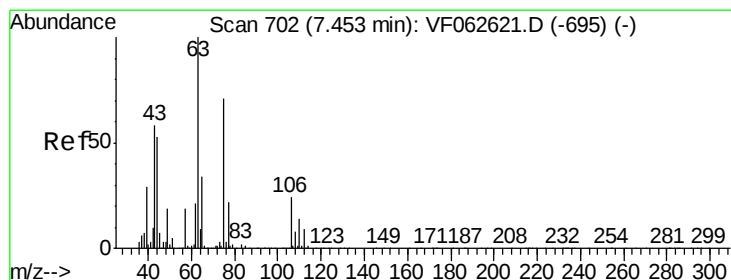
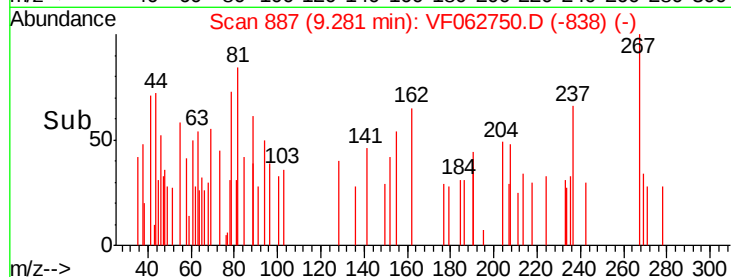
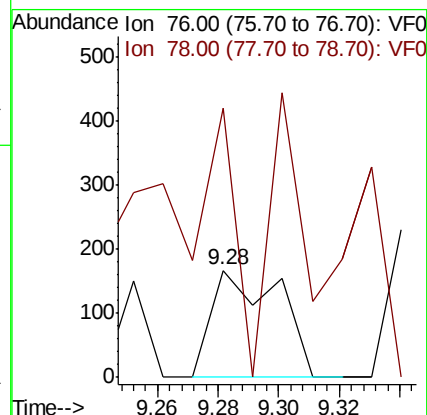
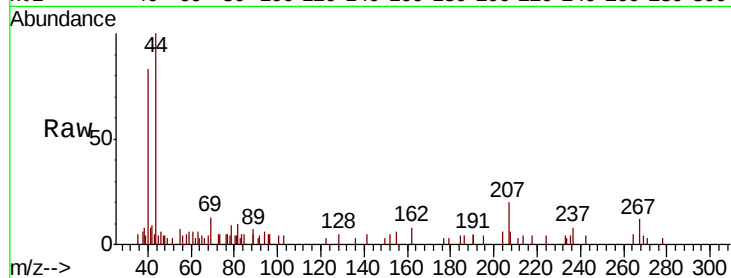
TP-2-S2

Tot Ion: 76 Resp: 255

Ion Ratio Lower Upper

76 100

78 252.4 25.4 38.0#



#58

2-Chloroethyl Vinyl ether

Concen: 937.709 ug/l

RT: 7.69 min Scan# 726

Delta R.T. 0.24 min

Lab File: VF062750.D

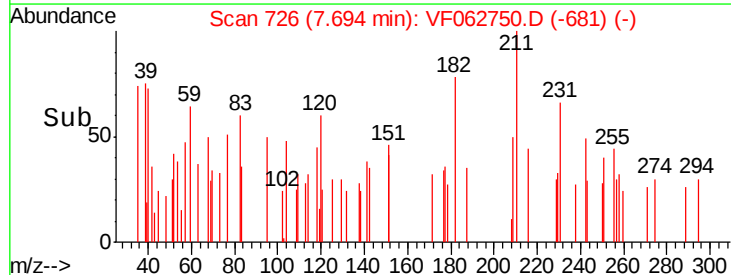
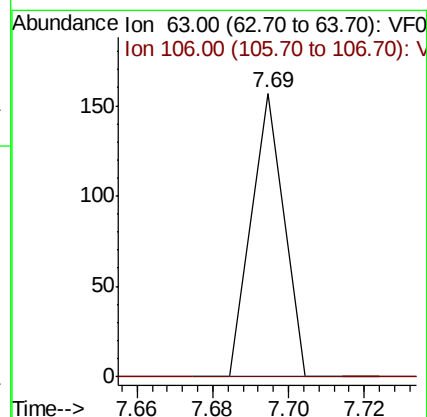
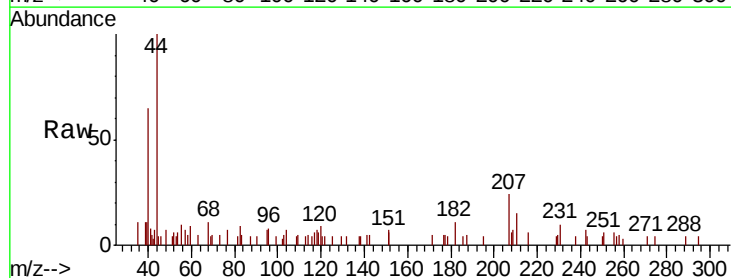
Acq: 24 May 2019 16:51

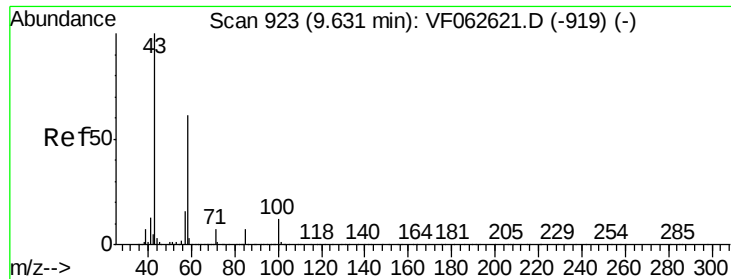
Tgt Ion: 63 Resp: 93

Ion Ratio Lower Upper

63 100

106 0.0 19.1 28.7#

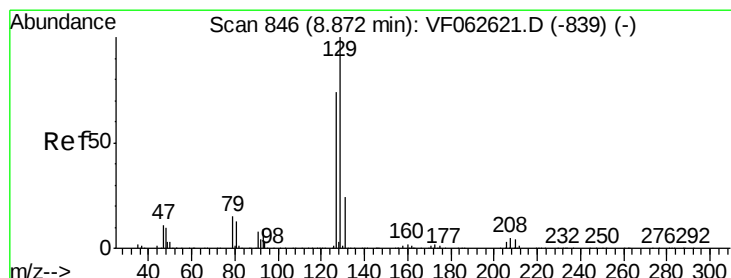
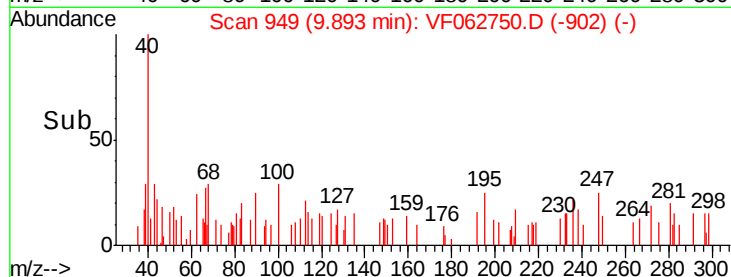
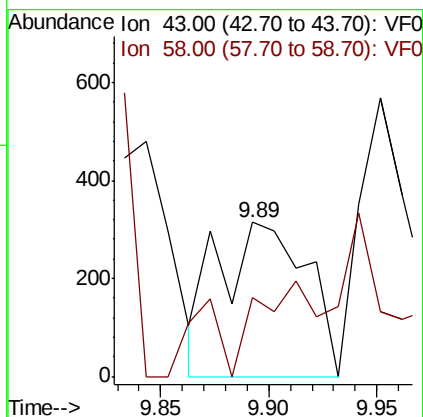
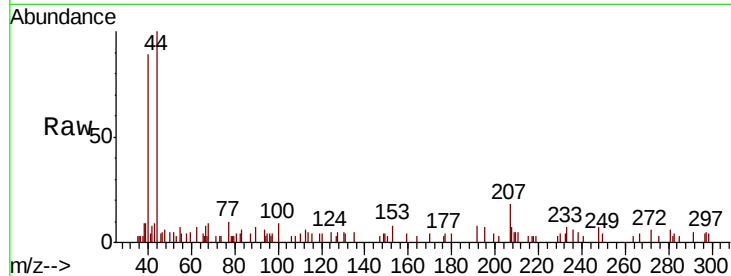




#59
2-Hexanone
Concen: 6749.454 ug/l
RT: 9.89 min Scan# 949
Delta R.T. 0.26 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

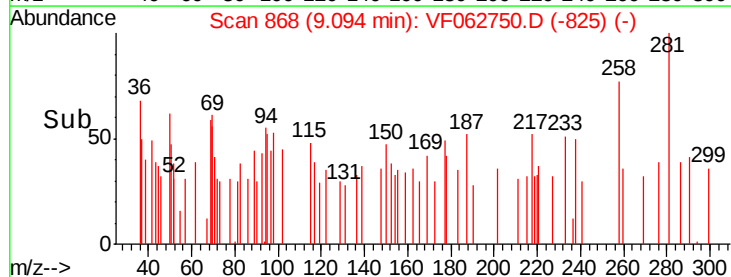
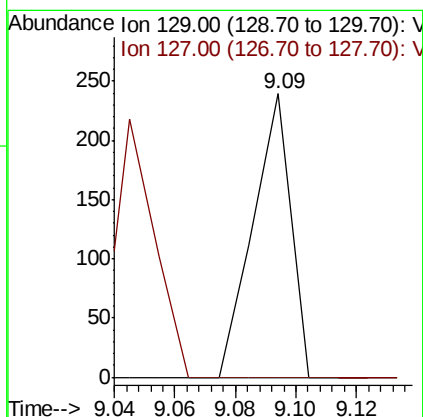
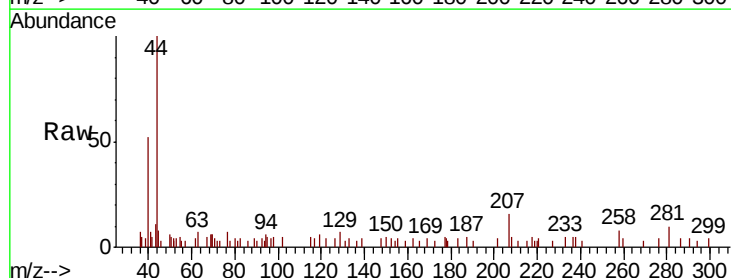
Instrument :
MSVOA_F
ClientSampleId :
TP-2-S2

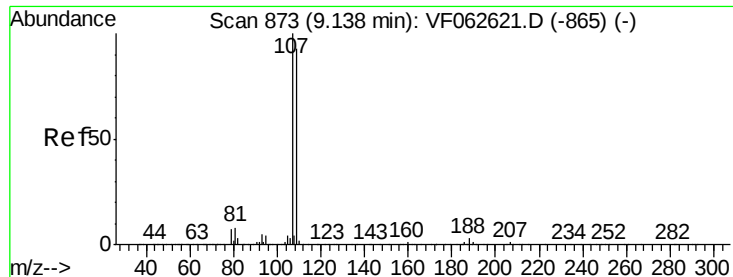
Tot Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
58 51.0 28.1 84.4



#60
Dibromochloromethane
Concen: 621.019 ug/l
RT: 9.09 min Scan# 868
Delta R.T. 0.22 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

Tgt Ion: 129 Resp: 207
Ion Ratio Lower Upper
129 100
127 0.0 37.2 111.6#





#61

1,2-Dibromoethane

Concen: 287.140 ug/l

RT: 9.42 min Scan# 901

Delta R.T. 0.28 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampled :

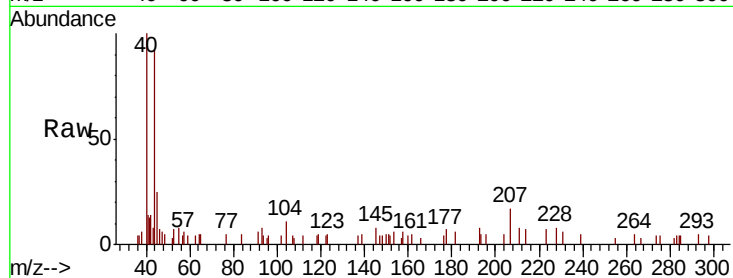
TP-2-S2

Tot Ion:107 Resp: 78

Ion Ratio Lower Upper

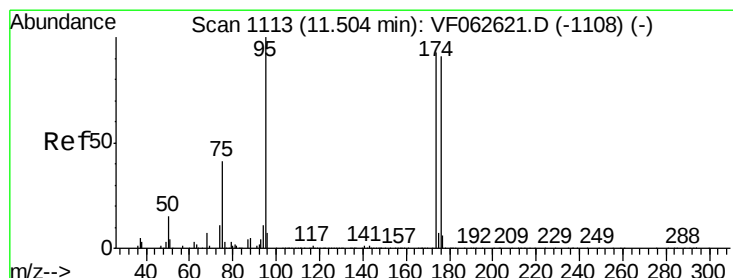
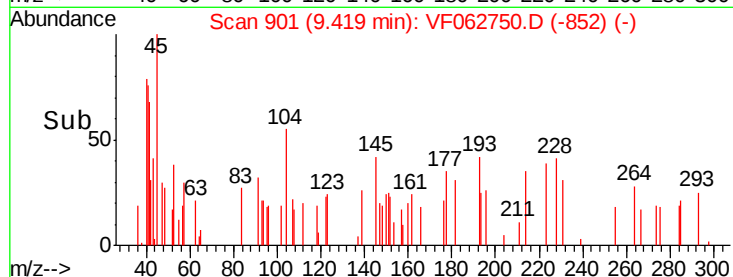
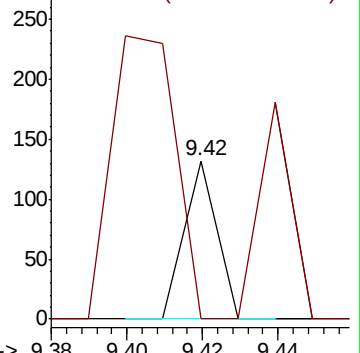
107 100

109 0.0 74.8 112.2#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 403.593 ug/l

RT: 11.86 min Scan# 1149

Delta R.T. 0.36 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

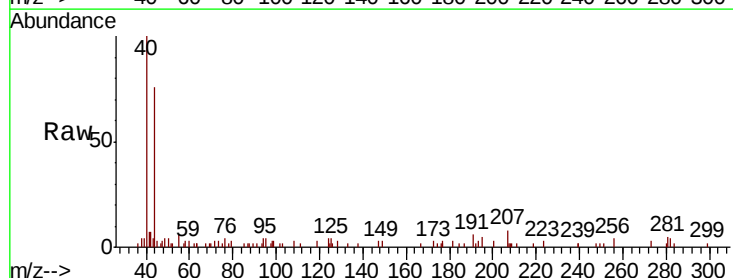
Tgt Ion: 95 Resp: 165

Ion Ratio Lower Upper

95 100

174 49.5 0.0 185.6

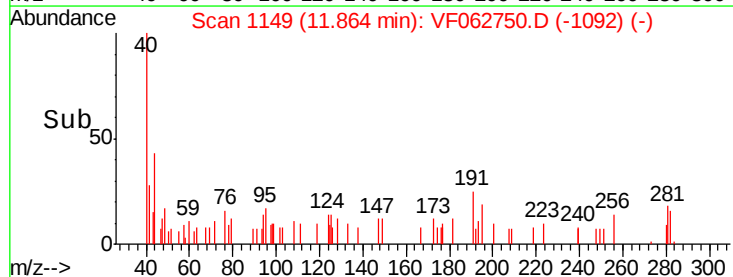
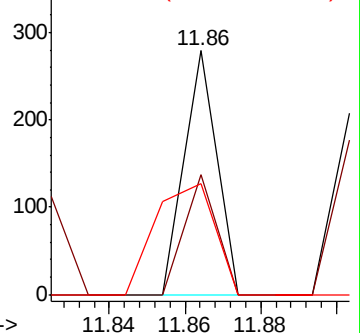
176 103.9 0.0 182.4



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

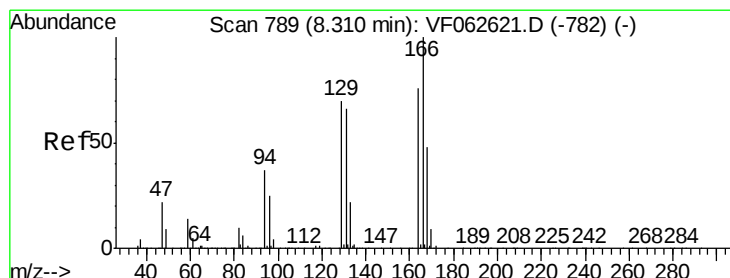
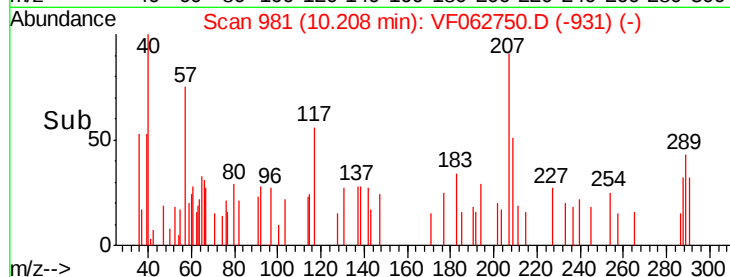
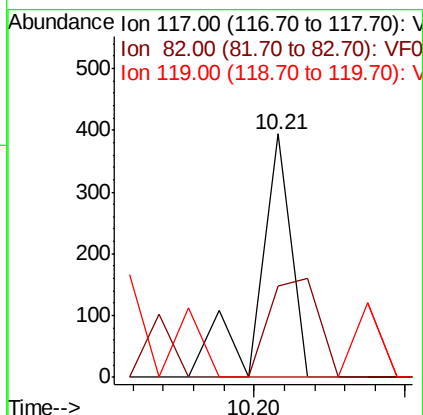
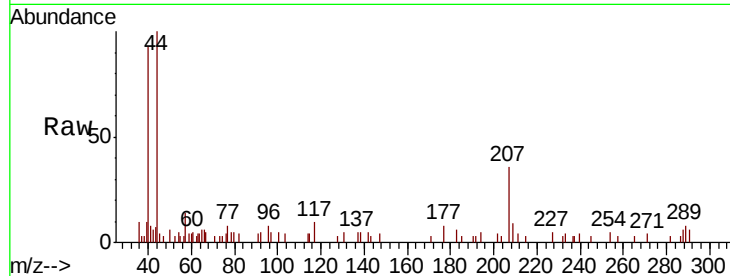




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.21 min Scan# 981
Delta R.T. 0.29 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

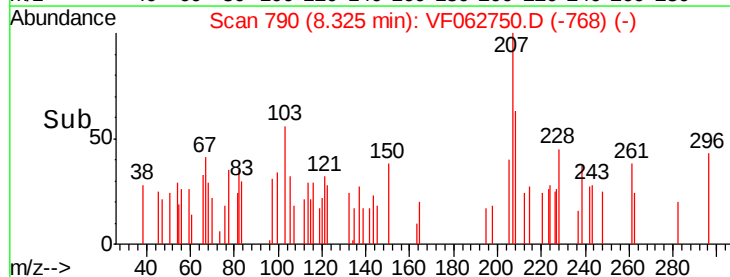
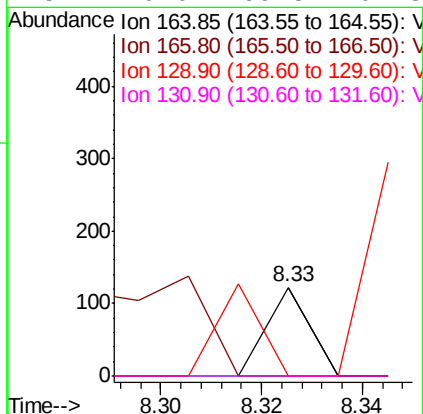
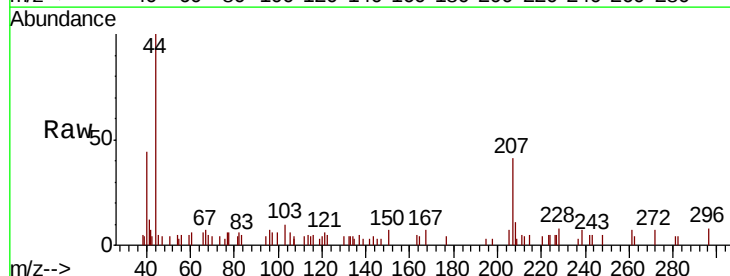
Instrument :
MSVOA_F
ClientSampleId :
TP-2-S2

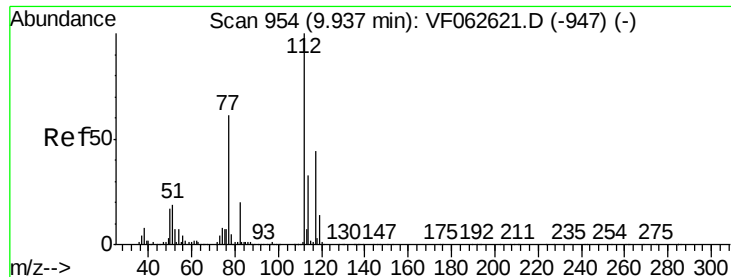
Tot Ion	Ratio	Lower	Upper
117	100		
82	37.6	43.3	64.9#
119	0.0	27.4	41.0#



#64
Tetrachloroethene
Concen: 30.600 ug/l
RT: 8.33 min Scan# 790
Delta R.T. 0.02 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	0.0	105.5	158.3#
129	0.0	73.8	110.6#
131	0.0	69.5	104.3#





#65

Chlorobenzene

Concen: 64.800 ug/l

RT: 10.05 min Scan# 965

Delta R.T. 0.11 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

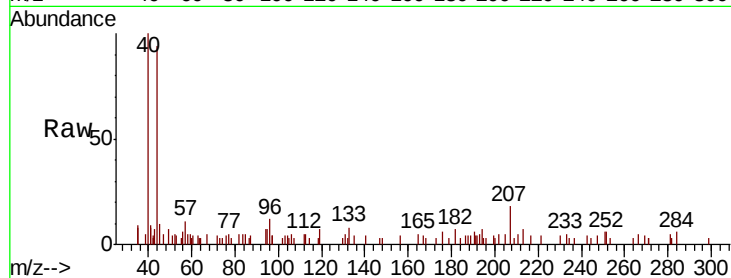
TP-2-S2

Tot Ion:112 Resp: 378

Ion Ratio Lower Upper

112 100

114 33.3 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

10.05

400

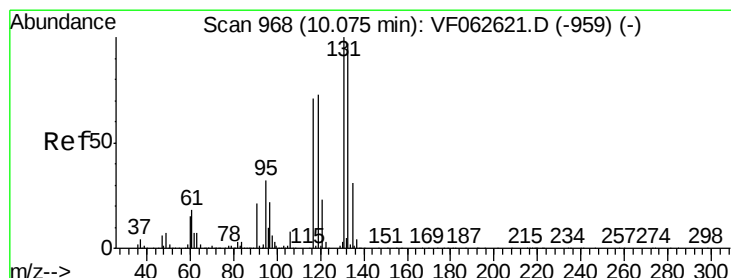
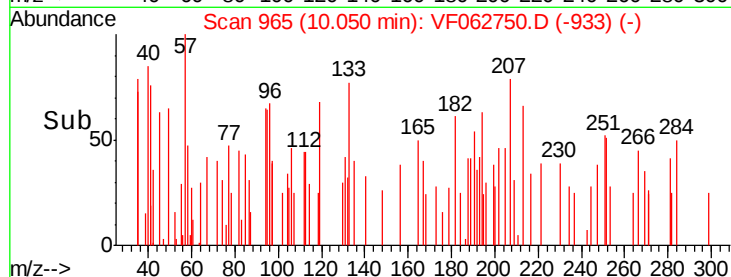
300

200

100

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 48.254 ug/l

RT: 9.99 min Scan# 959

Delta R.T. -0.08 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

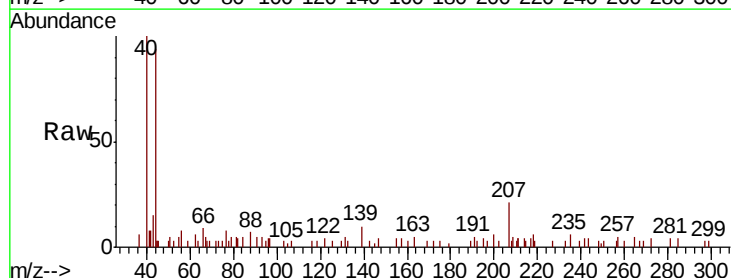
Tgt Ion:131 Resp: 113

Ion Ratio Lower Upper

131 100

133 60.7 48.5 145.5

119 64.9 36.8 110.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

500

400

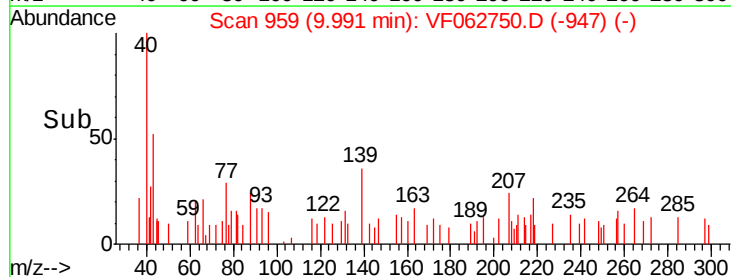
300

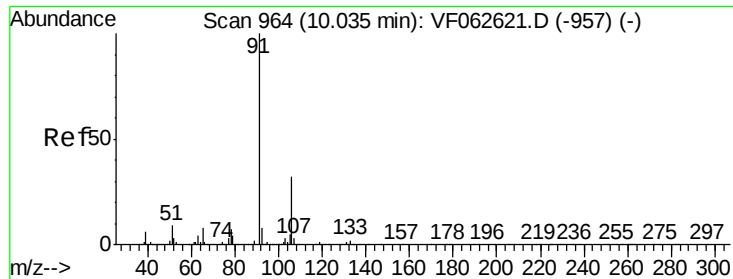
200

100

0

Time-->





#67

Ethyl Benzene

Concen: 14.802 ug/l

RT: 10.07 min Scan# 967

Delta R.T. 0.03 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

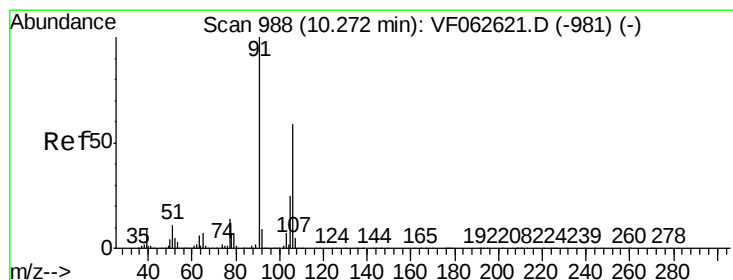
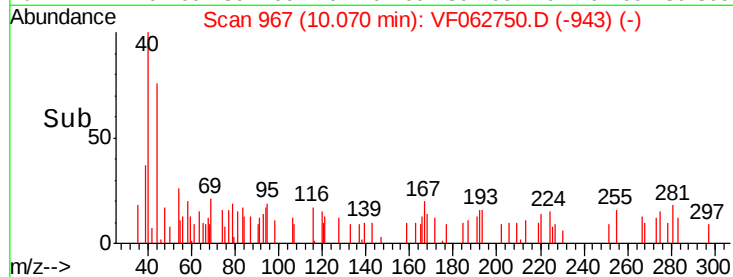
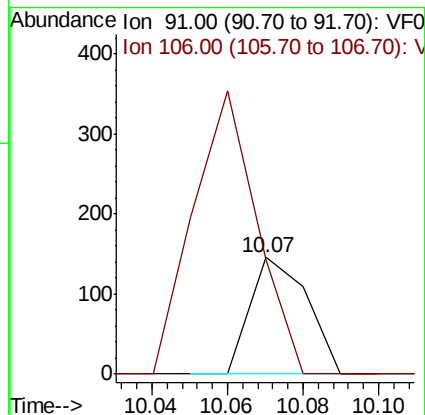
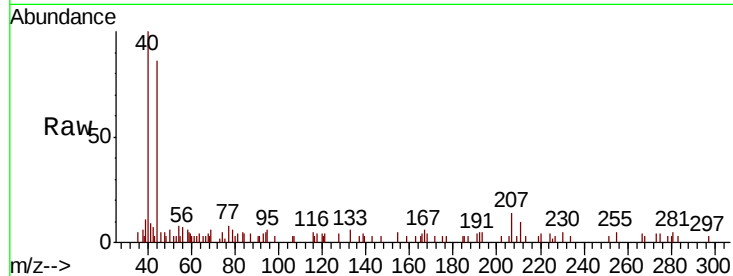
Instrument :
MSVOA_F
ClientSampleId :
TP-2-S2

Tot Ion: 91 Resp: 150

Ion Ratio Lower Upper

91 100

106 98.6 25.8 38.8#



#68

m/p-Xylenes

Concen: 17.066 ug/l

RT: 10.26 min Scan# 986

Delta R.T. -0.01 min

Lab File: VF062750.D

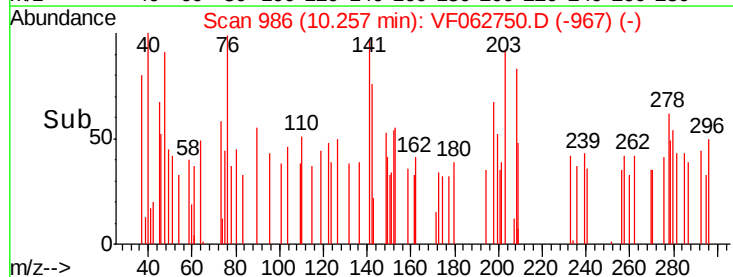
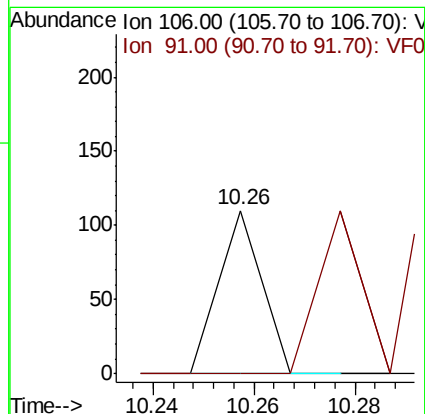
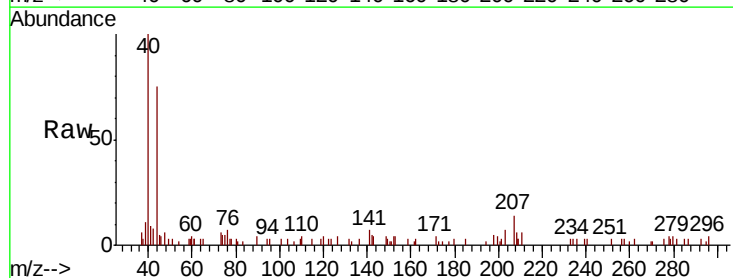
Acq: 24 May 2019 16:51

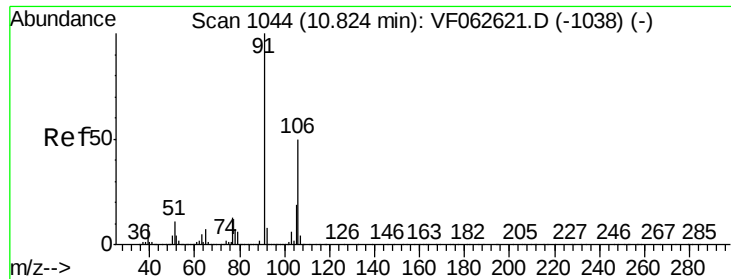
Tgt Ion: 106 Resp: 65

Ion Ratio Lower Upper

106 100

91 0.0 136.9 205.3#

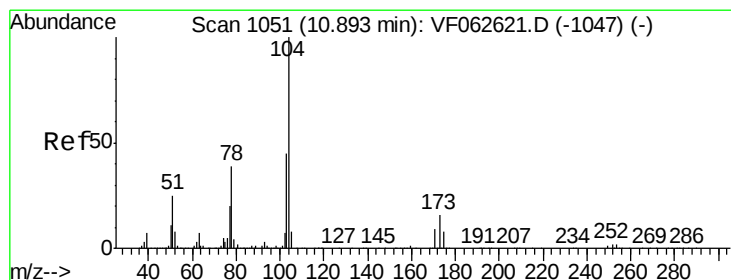
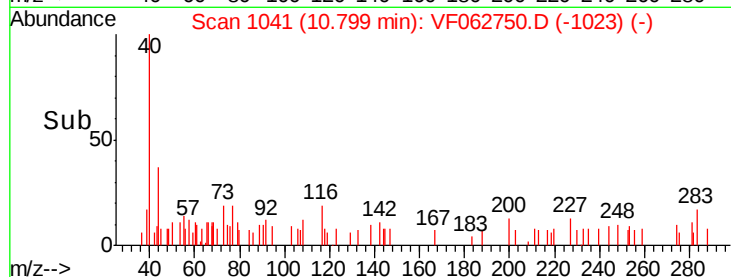
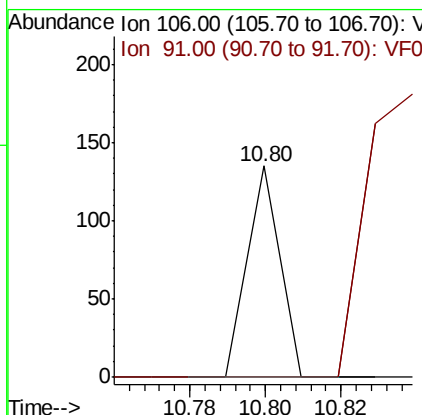
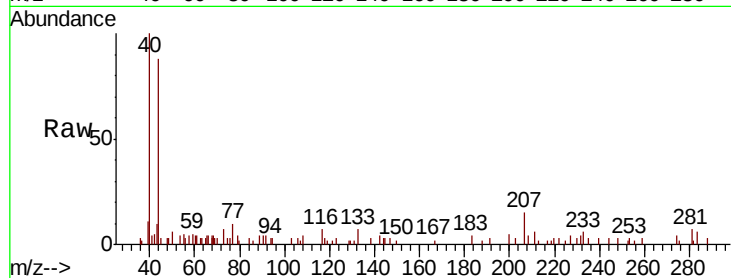




#69
o-Xylene
Concen: 20.392 ug/l
RT: 10.80 min Scan# 1041
Delta R.T. -0.02 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

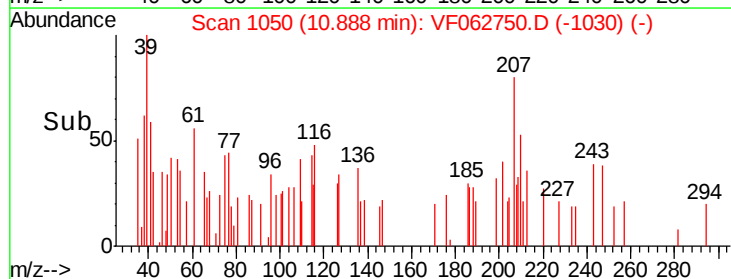
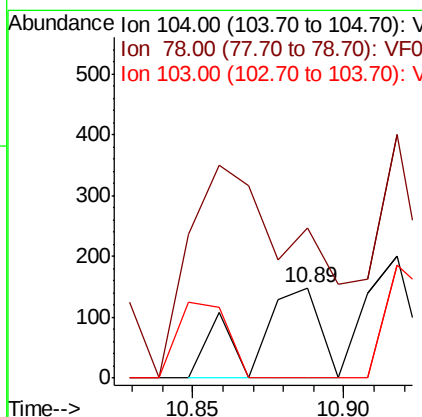
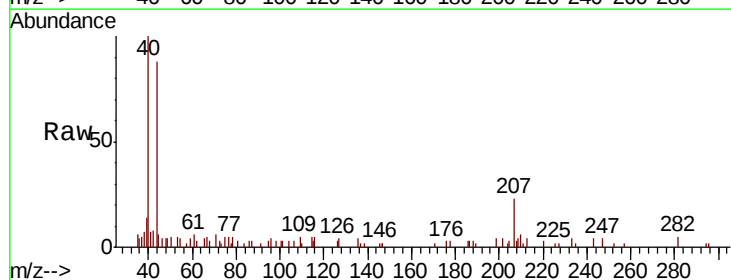
Instrument :
MSVOA_F
ClientSampleId :
TP-2-S2

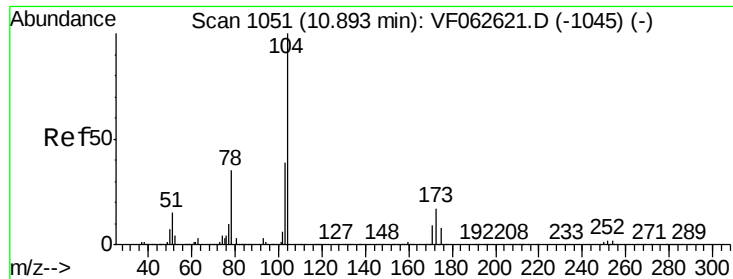
Tot Ion:106 Resp: 80
Ion Ratio Lower Upper
106 100
91 0.0 100.2 300.5#



#70
Styrene
Concen: 38.070 ug/l
RT: 10.89 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

Tgt Ion:104 Resp: 227
Ion Ratio Lower Upper
104 100
78 166.9 31.9 47.9#
103 0.0 36.1 54.1#

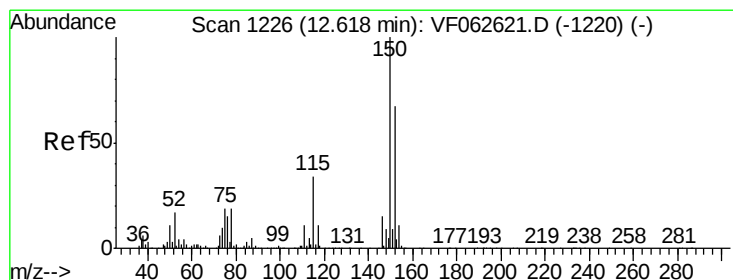
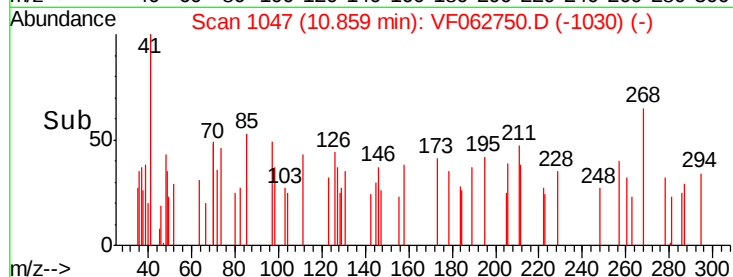
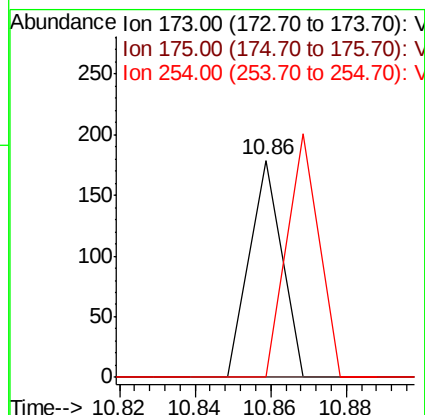
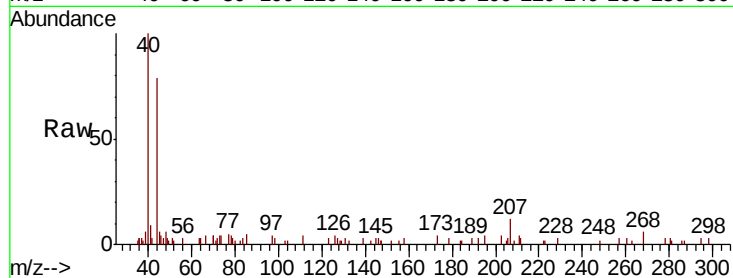




#71
Bromoform
Concen: 90.378 ug/l
RT: 10.86 min Scan# 1047
Delta R.T. -0.03 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

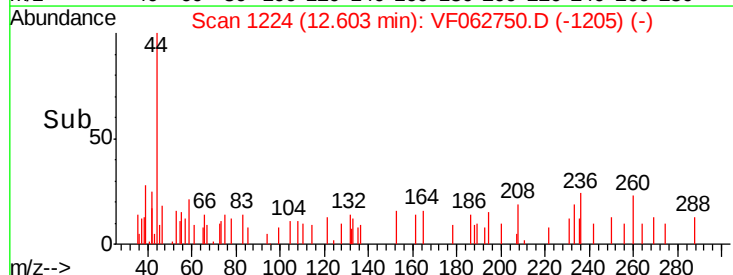
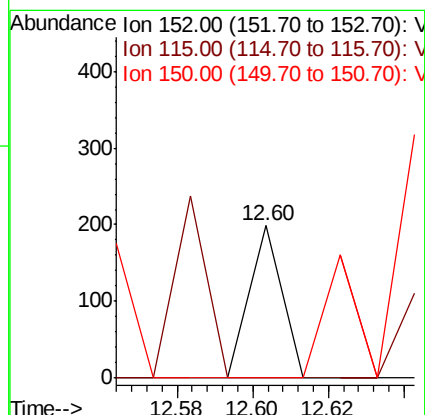
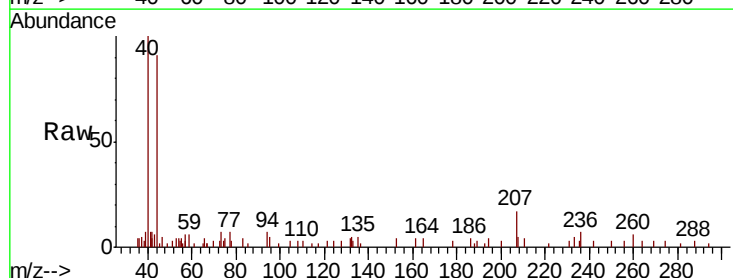
Instrument :
MSVOA_F
ClientSampled :
TP-2-S2

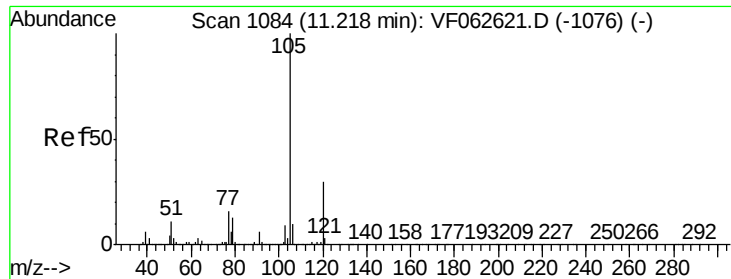
Tot Ion:173 Resp: 106
Ion Ratio Lower Upper
173 100
175 0.0 25.3 75.9#
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

Tgt Ion:152 Resp: 118
Ion Ratio Lower Upper
152 100
115 0.0 25.2 75.6#
150 0.0 0.0 306.2





#73

Isopropylbenzene

Concen: 42.449 ug/l

RT: 11.24 min Scan# 1086

Delta R.T. 0.02 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampled :

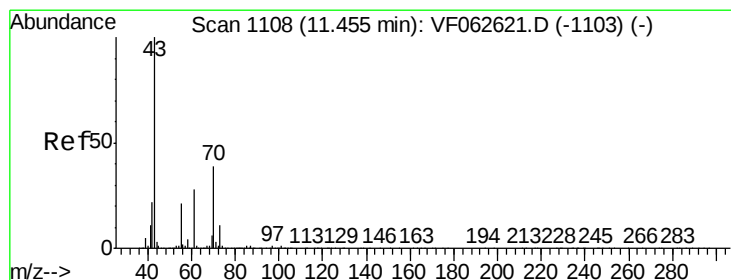
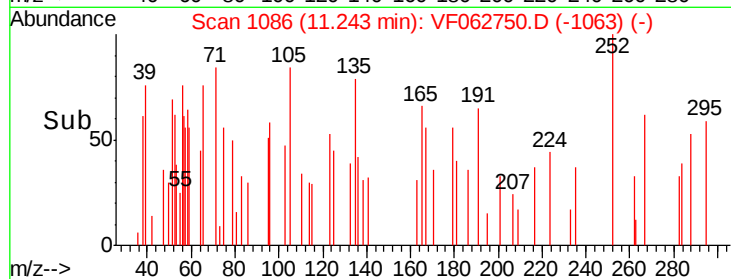
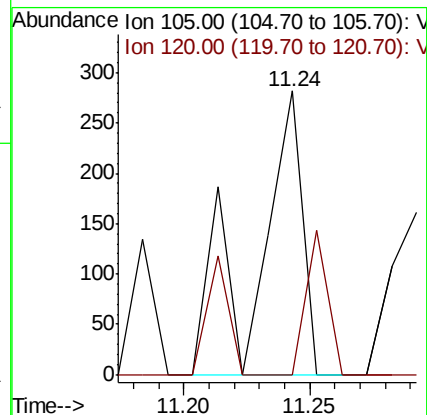
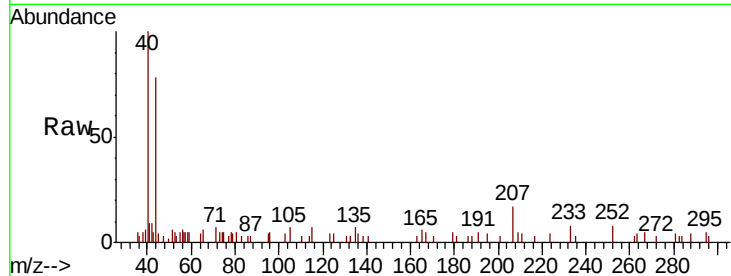
TP-2-S2

Tot Ion:105 Resp: 359

Ion Ratio Lower Upper

105 100

120 0.0 14.8 44.4#



#74

N-ethyl acetate

Concen: 177.323 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. 0.04 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Tgt Ion: 43 Resp: 352

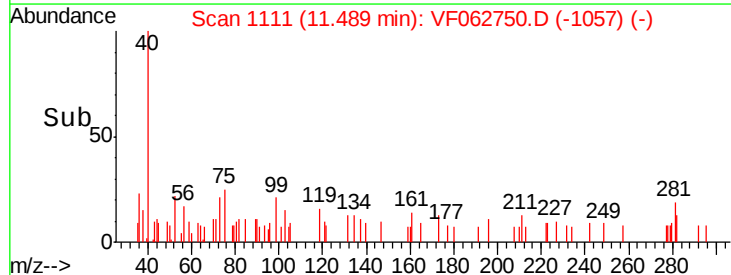
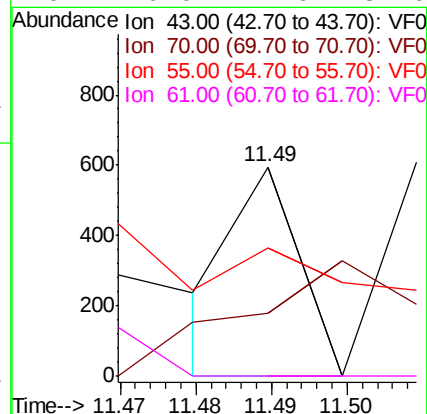
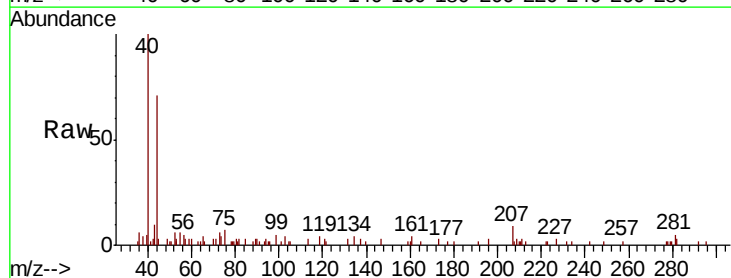
Ion Ratio Lower Upper

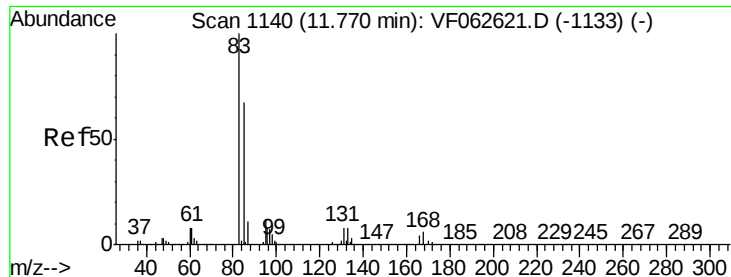
43 100

70 30.1 30.9 46.3#

55 61.3 17.0 25.4#

61 0.0 22.6 34.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 188.040 ug/l

RT: 11.80 min Scan# 1142

Delta R.T. 0.02 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampled :

TP-2-S2

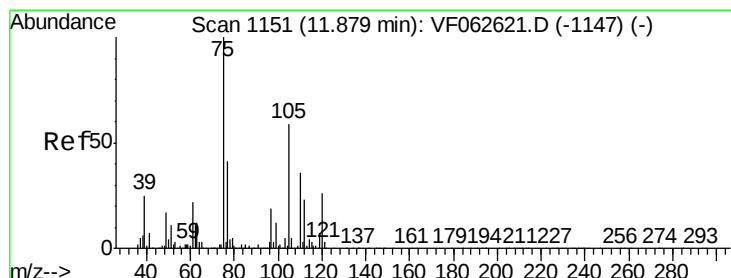
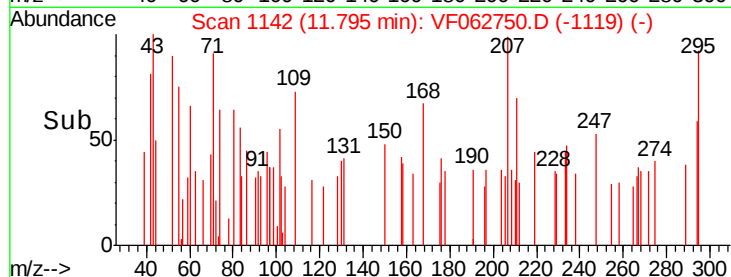
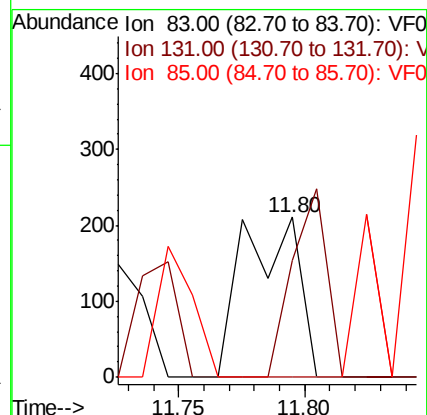
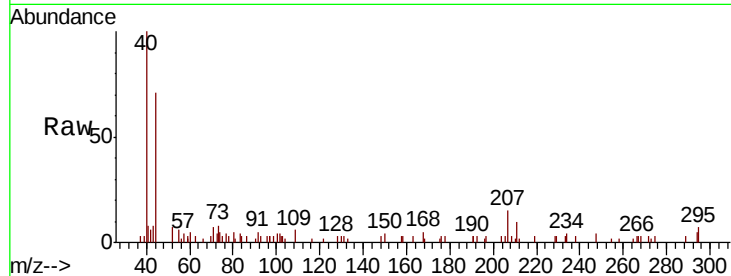
Tot Ion: 83 Resp: 325

Ion Ratio Lower Upper

83 100

131 73.0 4.0 12.0#

85 0.0 33.5 100.5#



#76

1,2,3-Trichloropropane

Concen: 301.152 ug/l

RT: 11.85 min Scan# 1148

Delta R.T. -0.02 min

Lab File: VF062750.D

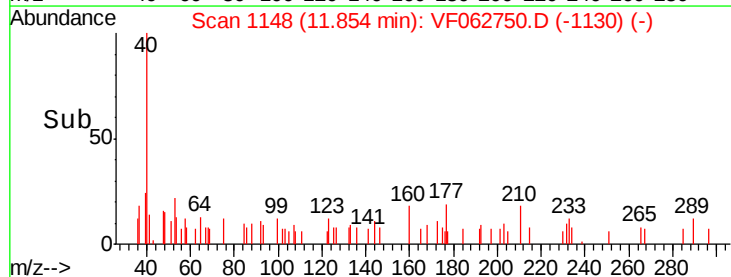
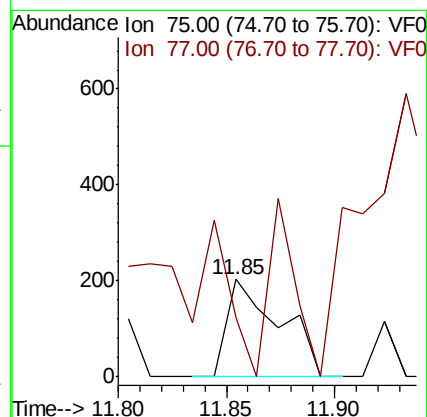
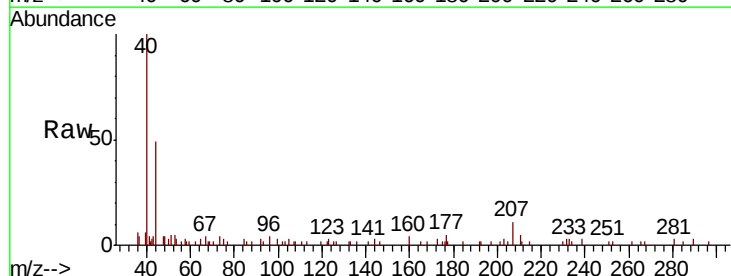
Acq: 24 May 2019 16:51

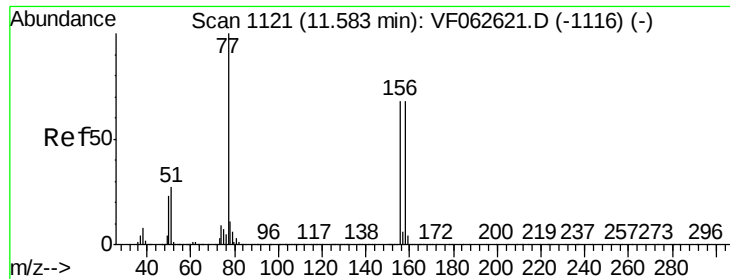
Tgt Ion: 75 Resp: 342

Ion Ratio Lower Upper

75 100

77 60.6 20.6 61.8





#77

Bromobenzene

Concen: 33.298 ug/l

RT: 11.60 min Scan# 1122

Delta R.T. 0.02 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

TP-2-S2

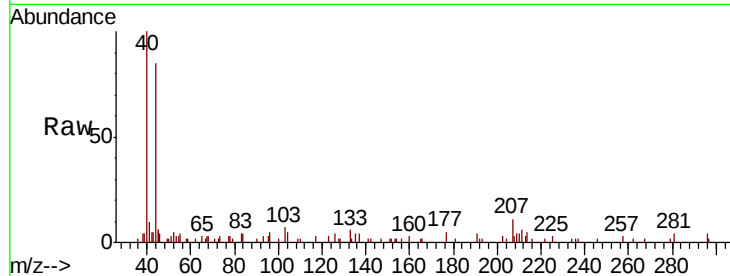
Tot Ion:156 Resp: 70

Ion Ratio Lower Upper

156 100

77 155.5 73.6 220.8

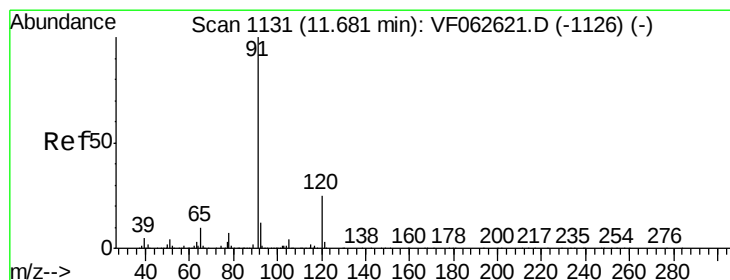
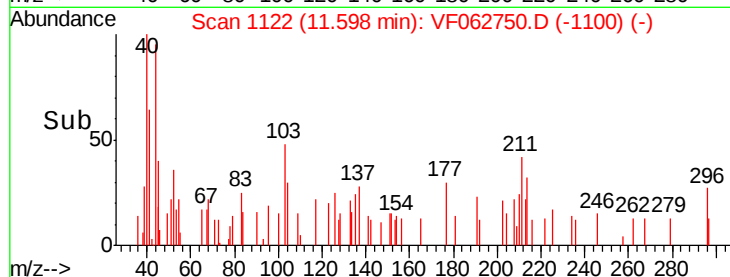
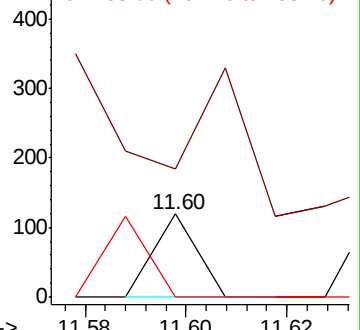
158 0.0 49.6 148.8#



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 9.591 ug/l

RT: 11.69 min Scan# 1131

Delta R.T. 0.01 min

Lab File: VF062750.D

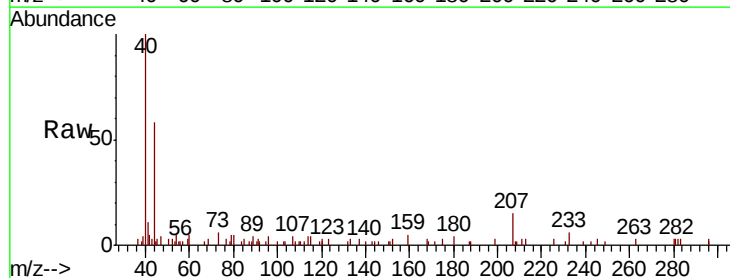
Acq: 24 May 2019 16:51

Tgt Ion: 91 Resp: 96

Ion Ratio Lower Upper

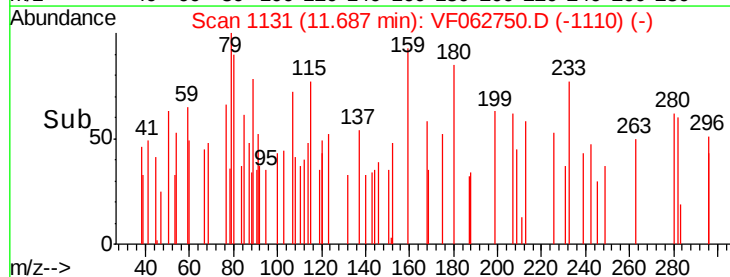
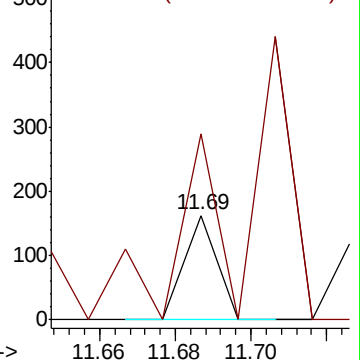
91 100

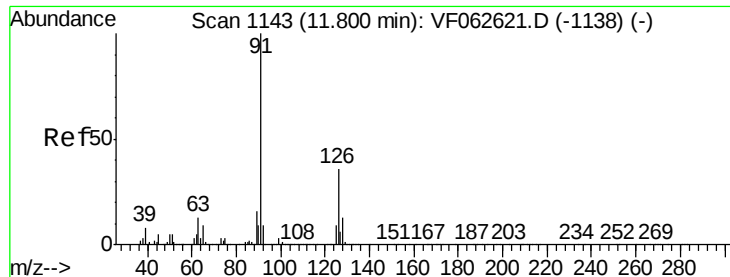
120 177.9 12.7 38.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 26.947 ug/l

RT: 11.78 min Scan# 1140

Delta R.T. -0.02 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

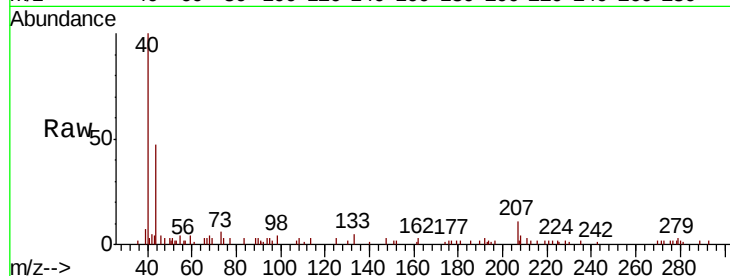
TP-2-S2

Tot Ion: 91 Resp: 152

Ion Ratio Lower Upper

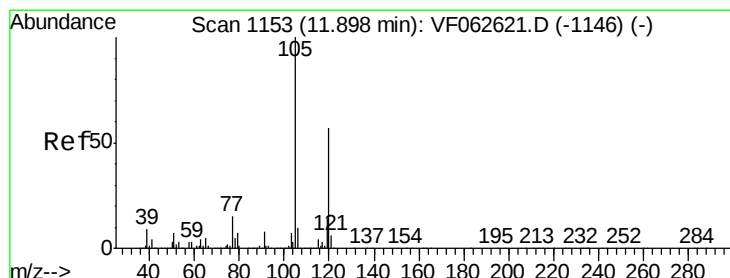
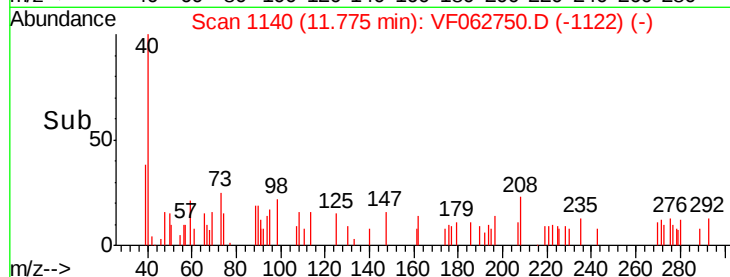
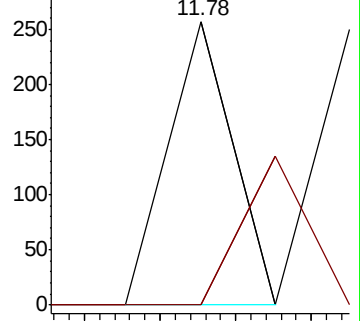
91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 84.201 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VF062750.D

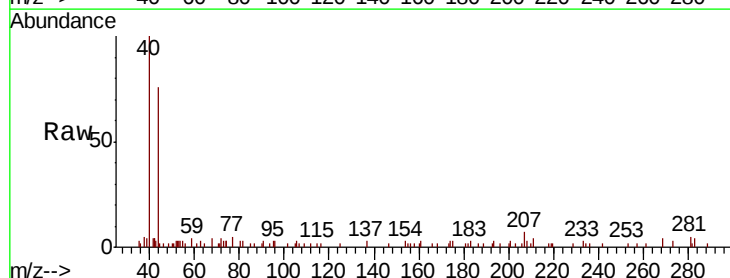
Acq: 24 May 2019 16:51

Tgt Ion: 105 Resp: 571

Ion Ratio Lower Upper

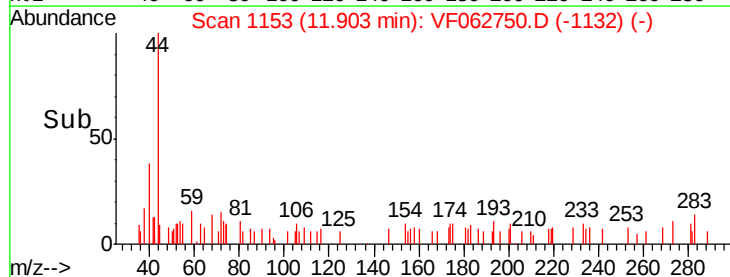
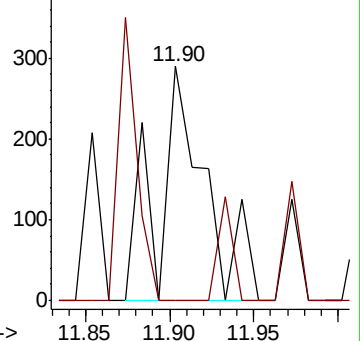
105 100

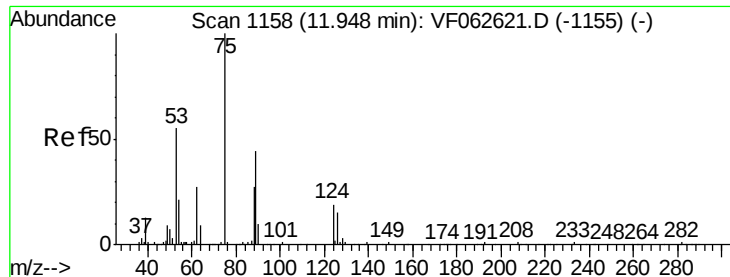
120 0.0 28.7 86.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 305.072 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. 0.01 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

TP-2-S2

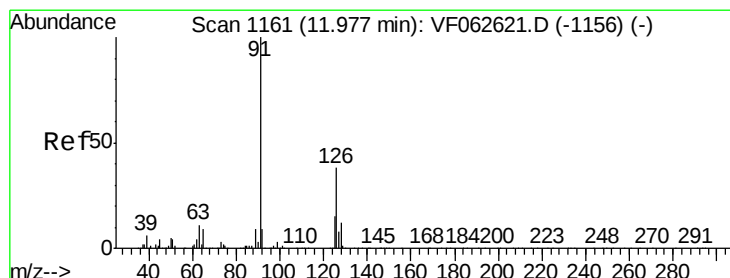
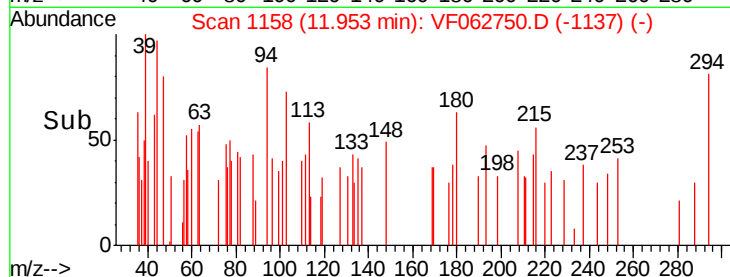
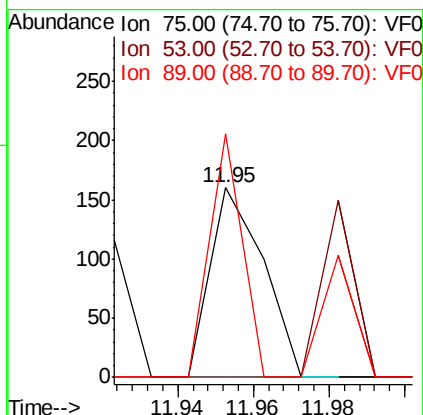
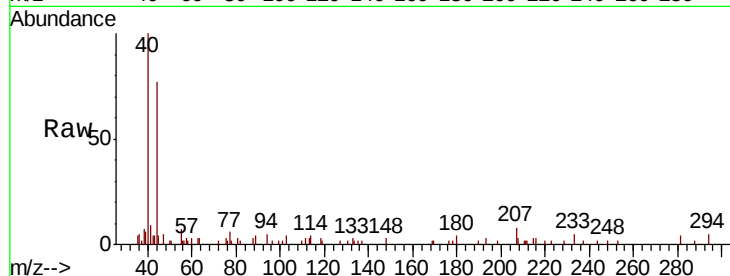
Tot Ion: 75 Resp: 154

Ion Ratio Lower Upper

75 100

53 0.0 46.9 70.3#

89 128.8 36.4 54.6#



#82

4-Chlorotoluene

Concen: 44.225 ug/l

RT: 11.93 min Scan# 1156

Delta R.T. -0.04 min

Lab File: VF062750.D

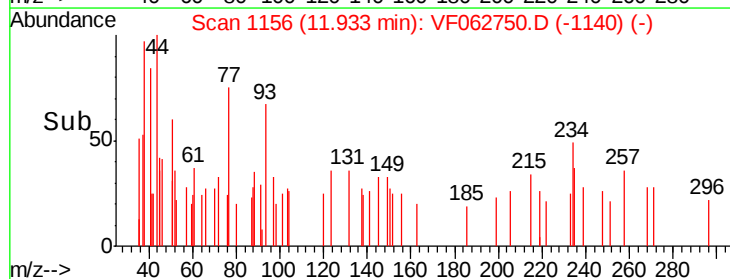
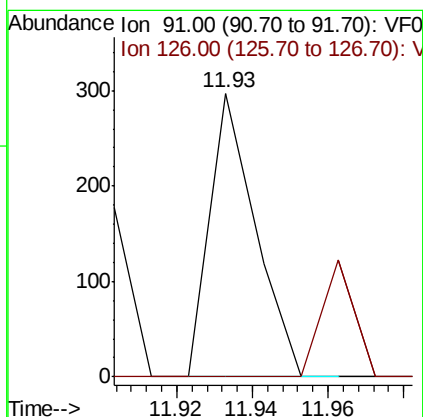
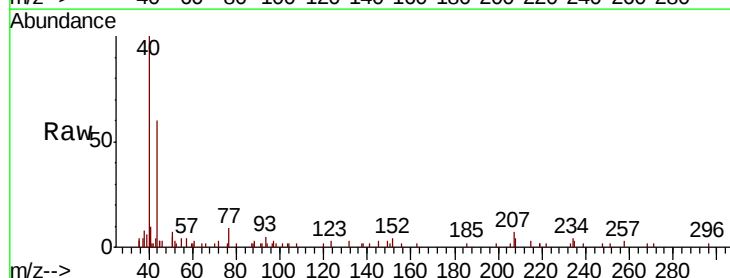
Acq: 24 May 2019 16:51

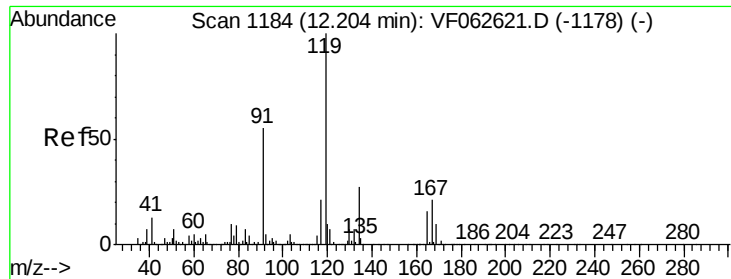
Tgt Ion: 91 Resp: 246

Ion Ratio Lower Upper

91 100

126 0.0 19.1 57.1#

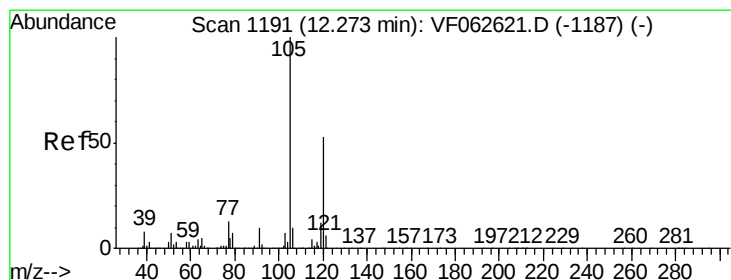
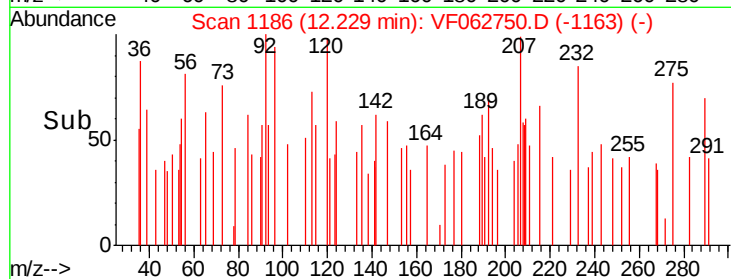
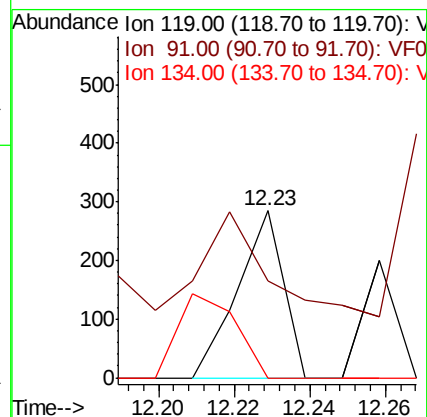
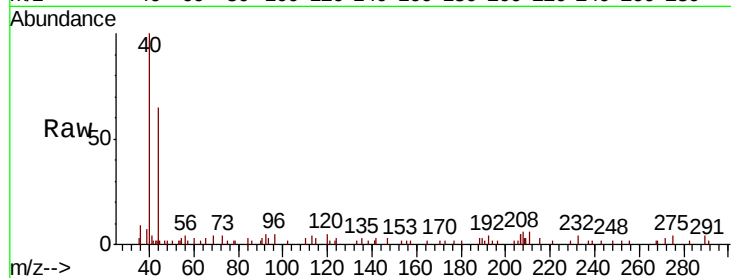




#83
tert-Butylbenzene
Concen: 34.302 ug/l
RT: 12.23 min Scan# 1186
Delta R.T. 0.02 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

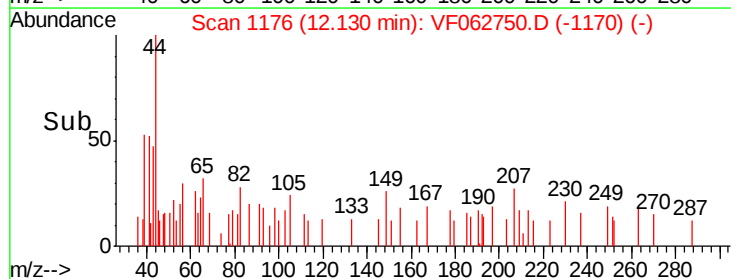
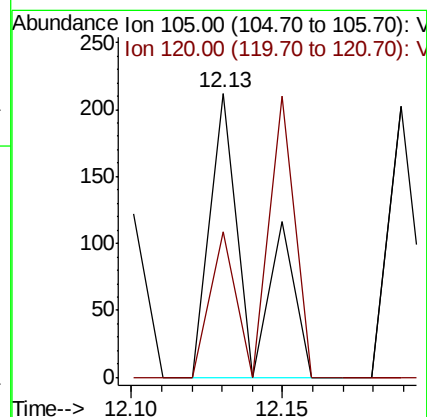
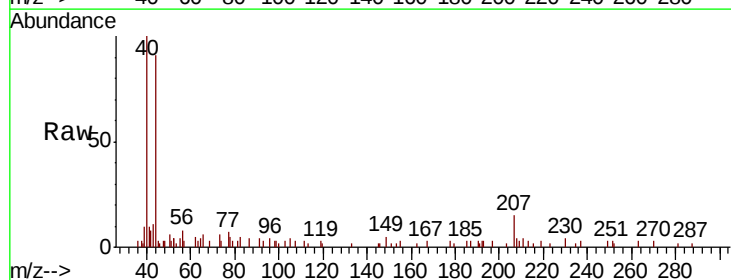
Instrument :
MSVOA_F
ClientSampled :
TP-2-S2

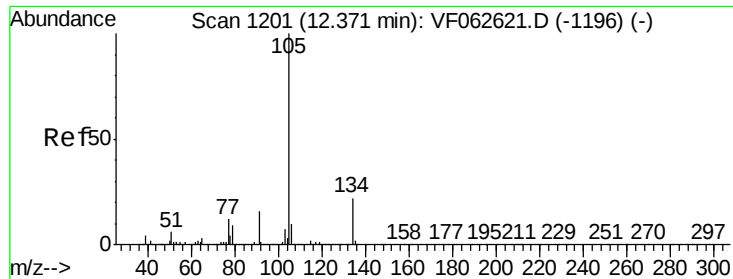
Tot Ion:119 Resp: 236
Ion Ratio Lower Upper
119 100
91 58.2 27.3 81.9
134 0.0 13.6 40.7#



#84
1,2,4-Trimethylbenzene
Concen: 29.557 ug/l
RT: 12.13 min Scan# 1176
Delta R.T. -0.14 min
Lab File: VF062750.D
Acq: 24 May 2019 16:51

Tgt Ion:105 Resp: 194
Ion Ratio Lower Upper
105 100
120 51.4 26.7 80.1





#85

sec-Butylbenzene

Concen: 28.809 ug/l

RT: 12.36 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

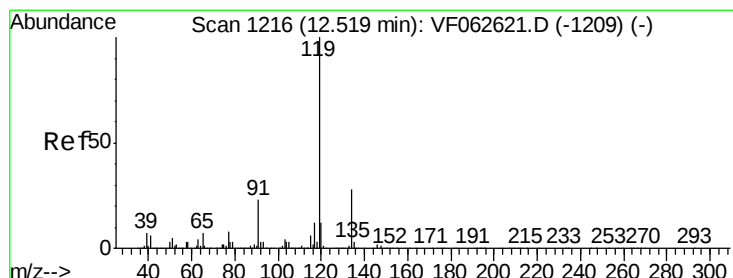
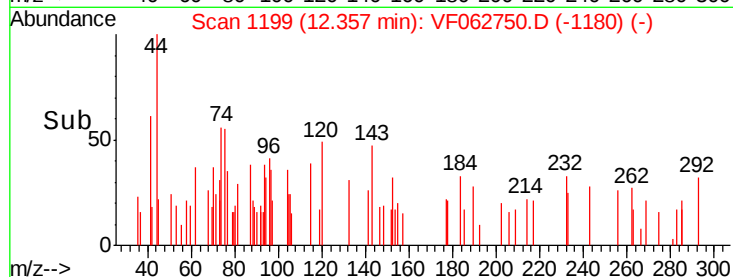
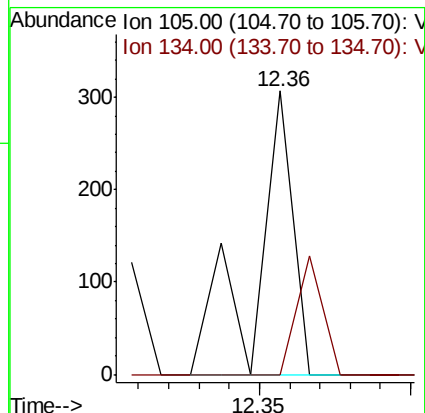
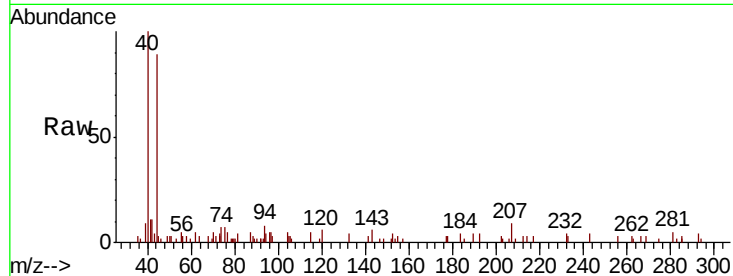
TP-2-S2

Tot Ion:105 Resp: 266

Ion Ratio Lower Upper

105 100

134 0.0 10.8 32.4#



#86

p-Isopropyltoluene

Concen: 87.260 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. 0.01 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

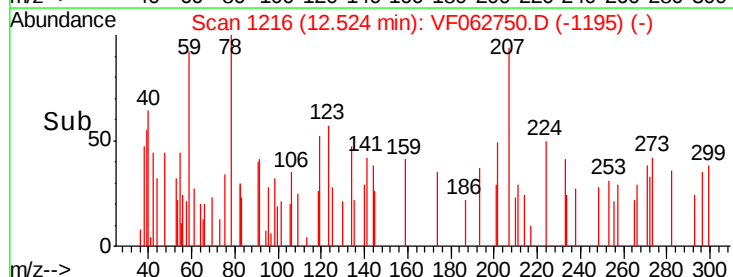
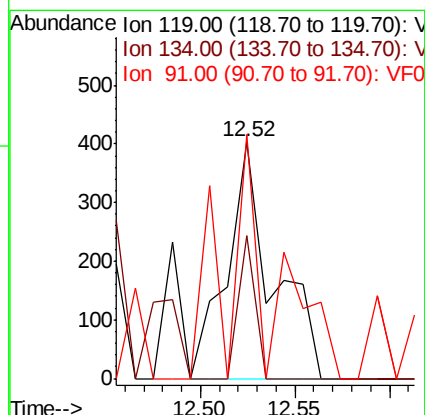
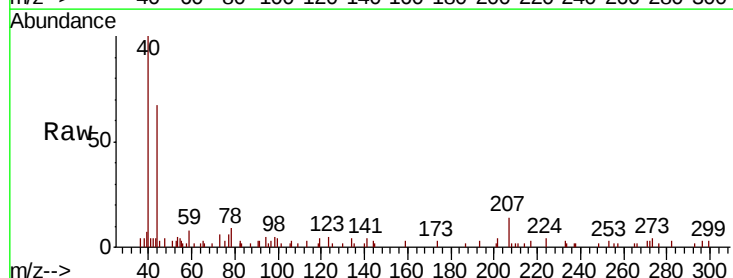
Tgt Ion:119 Resp: 679

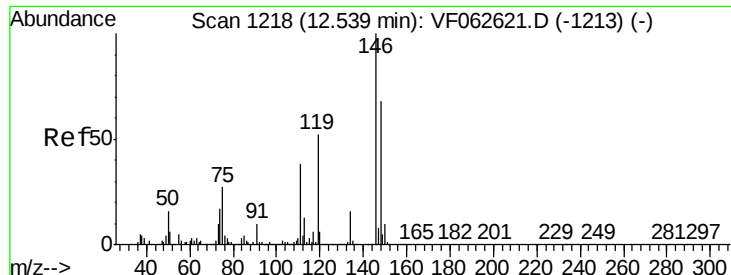
Ion Ratio Lower Upper

119 100

134 60.5 14.1 42.3#

91 103.2 11.4 34.2#





#87

1,3-Dichlorobenzene

Concen: 15.776 ug/l

RT: 12.59 min Scan# 1223

Delta R.T. 0.05 min

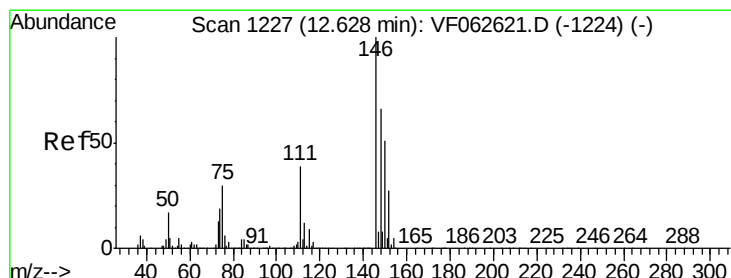
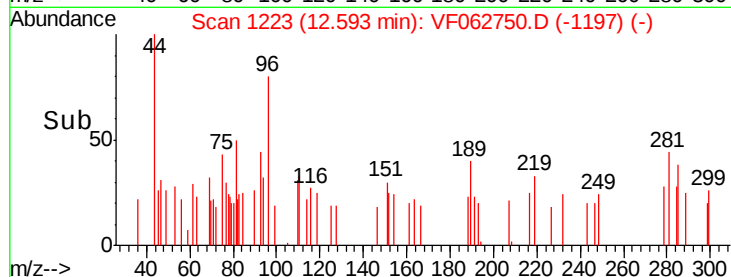
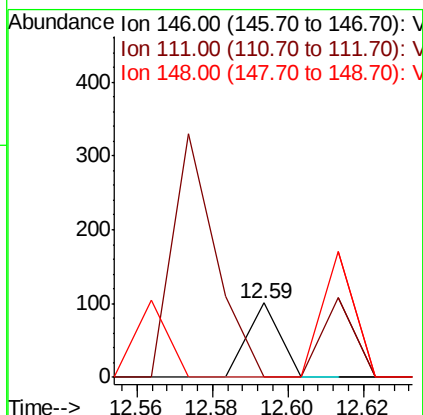
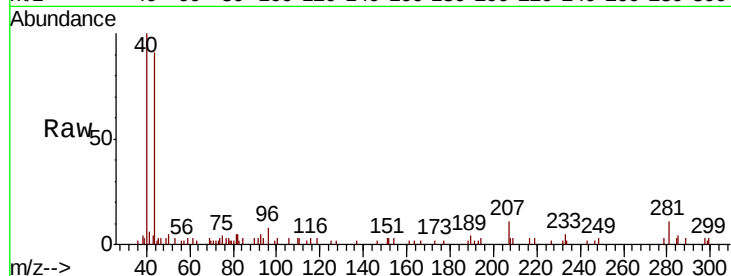
Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :
MSVOA_F
ClientSampled :
TP-2-S2

Tot Ion:146 Resp: 60

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.9	56.9#
148	0.0	34.0	101.8#



#88

1,4-Dichlorobenzene

Concen: 16.811 ug/l

RT: 12.59 min Scan# 1223

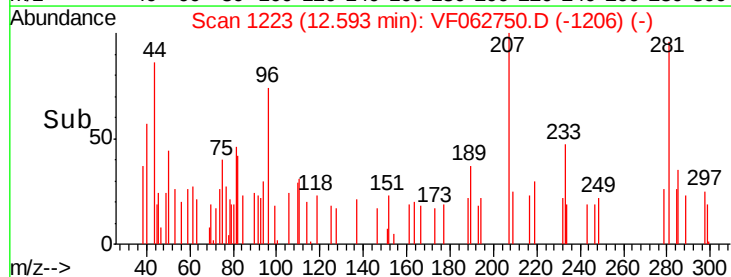
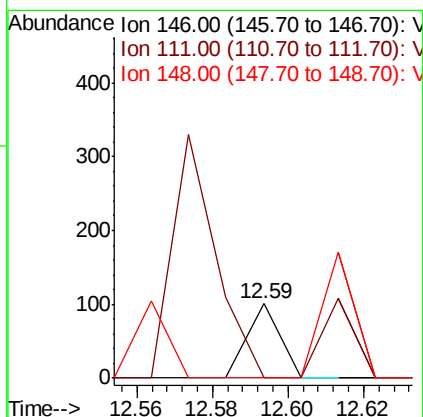
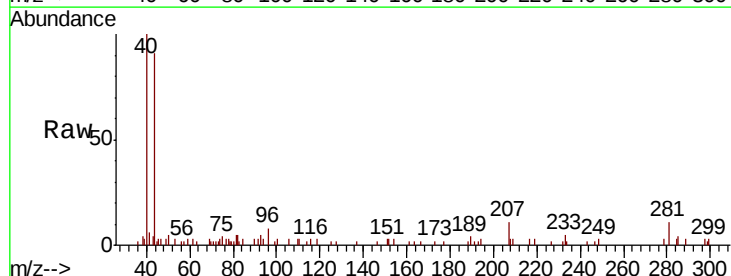
Delta R.T. -0.03 min

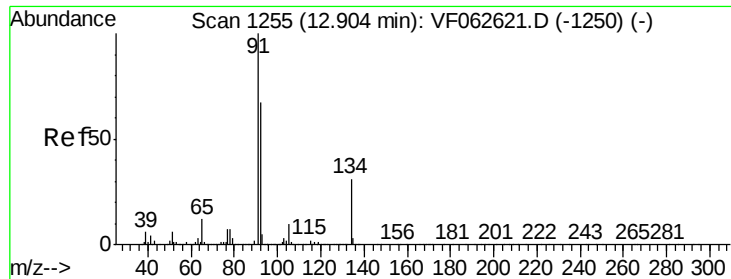
Lab File: VF062750.D

Acq: 24 May 2019 16:51

Tgt Ion:146 Resp: 60

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.4	58.2#
148	0.0	33.2	99.6#





#89

n-Butylbenzene

Concen: 41.971 ug/l

RT: 12.95 min Scan# 1259

Delta R.T. 0.04 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampled :

TP-2-S2

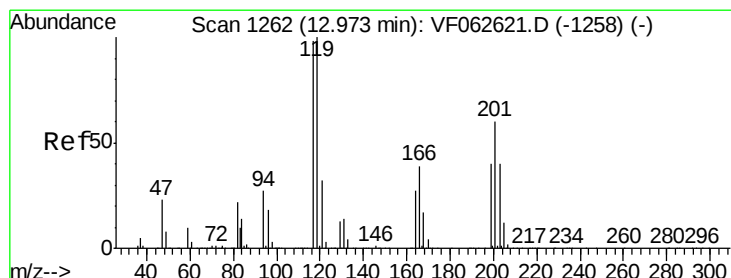
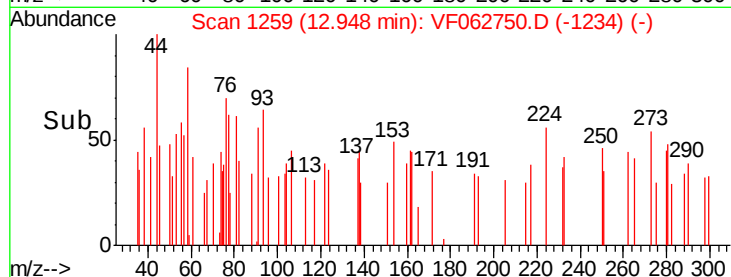
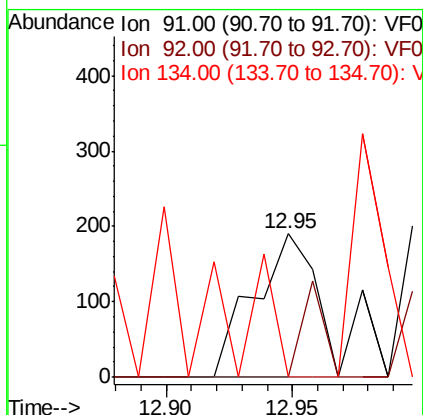
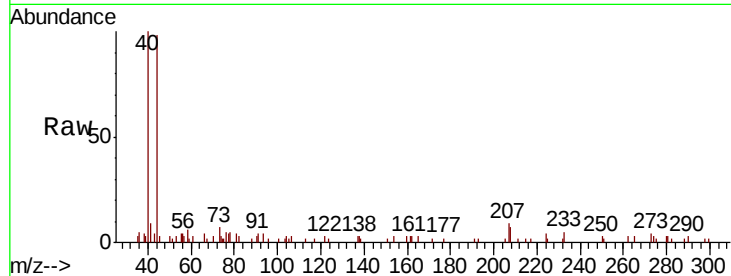
Tot Ion: 91 Resp: 322

Ion Ratio Lower Upper

91 100

92 0.0 33.3 99.8#

134 0.0 15.4 46.4#



#90

Hexachloroethane

Concen: 73.394 ug/l

RT: 12.90 min Scan# 1254

Delta R.T. -0.07 min

Lab File: VF062750.D

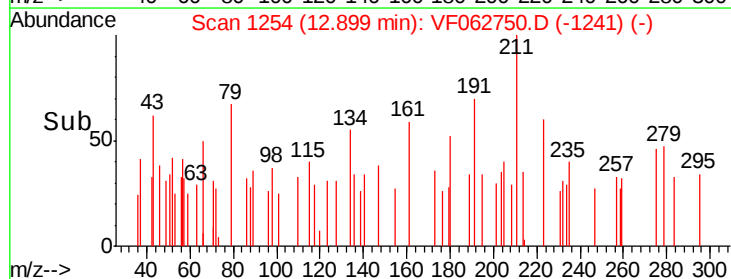
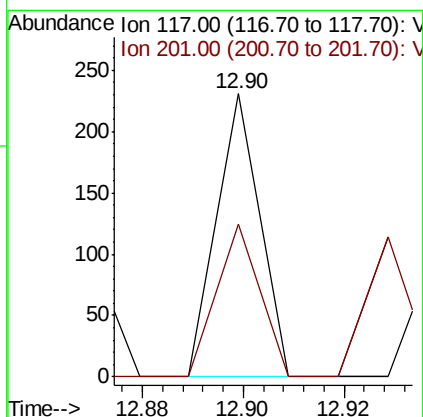
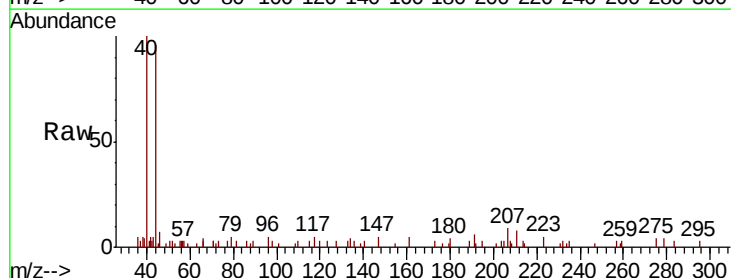
Acq: 24 May 2019 16:51

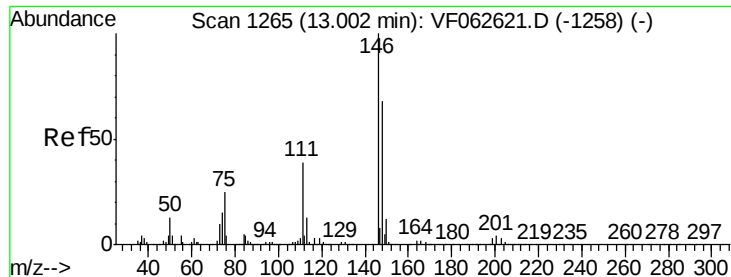
Tgt Ion: 117 Resp: 137

Ion Ratio Lower Upper

117 100

201 54.1 30.7 92.1





#91

1,2-Dichlorobenzene

Concen: 97.337 ug/l

RT: 13.04 min Scan# 1268

Delta R.T. 0.03 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampled :

TP-2-S2

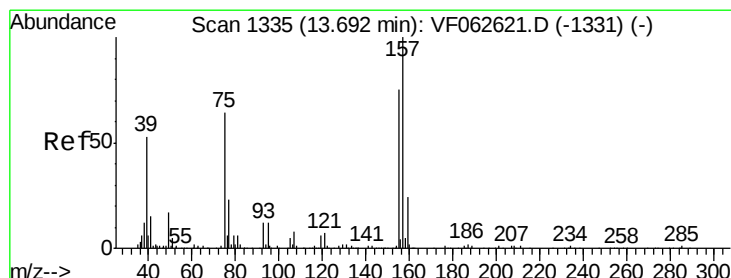
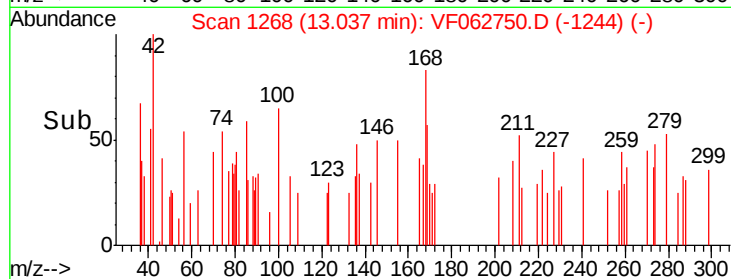
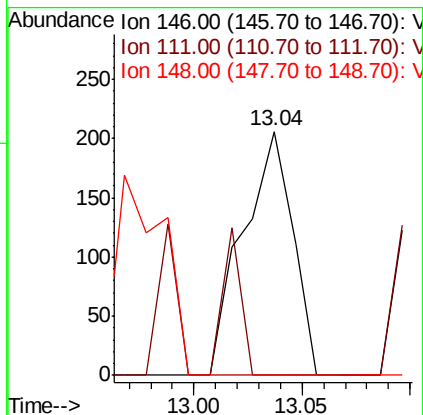
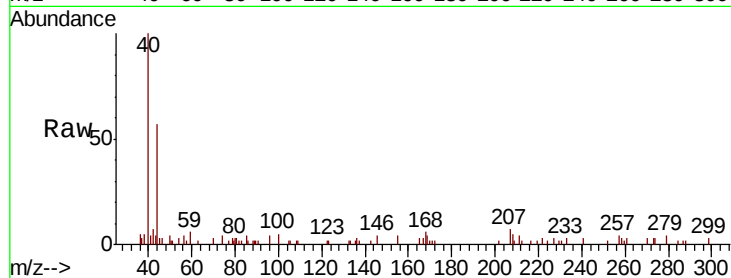
Tot Ion:146 Resp: 330

Ion Ratio Lower Upper

146 100

111 0.0 19.8 59.3#

148 0.0 34.1 102.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 936.047 ug/l

RT: 13.69 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

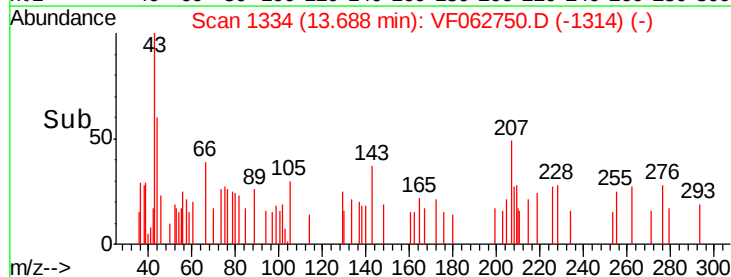
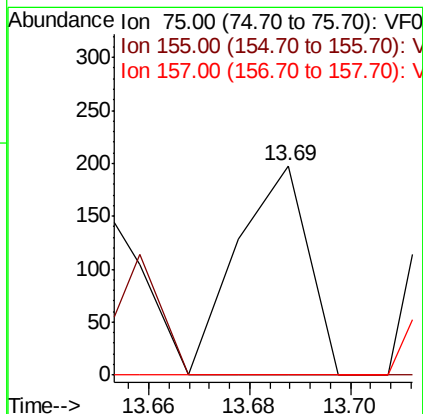
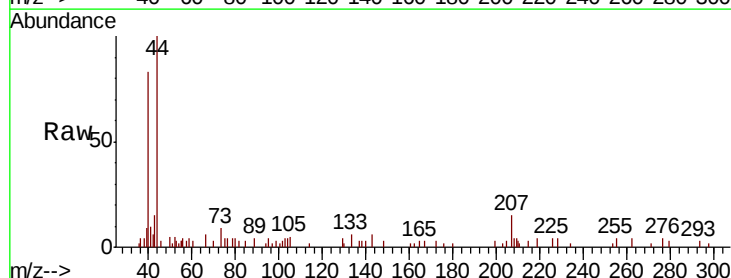
Tgt Ion: 75 Resp: 193

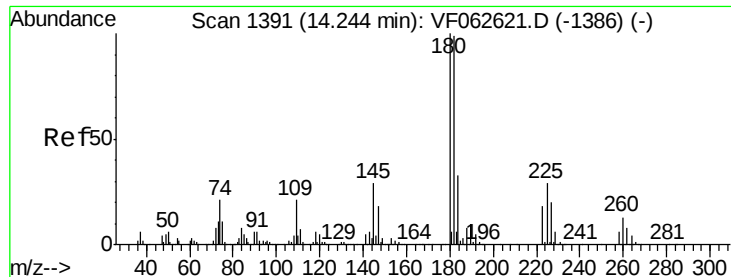
Ion Ratio Lower Upper

75 100

155 0.0 58.1 174.3#

157 0.0 77.8 233.4#

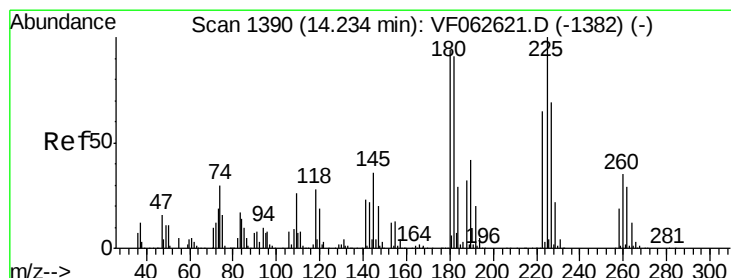
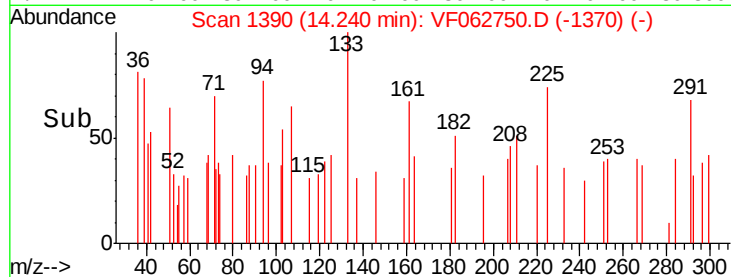
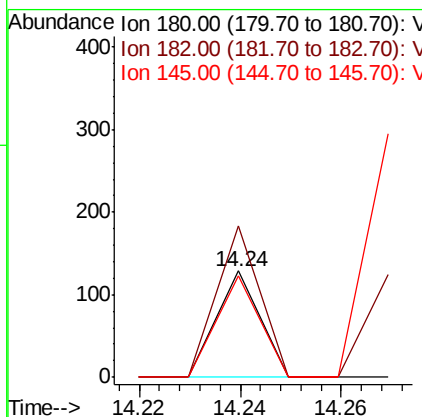
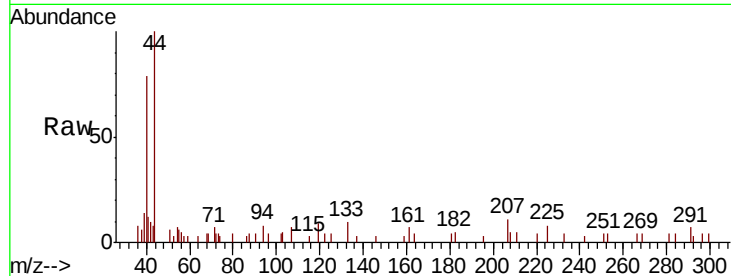




#93
 1,2,4-Trichlorobenzene
 Concen: 31.318 ug/l
 RT: 14.24 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VF062750.D
 Acq: 24 May 2019 16:51

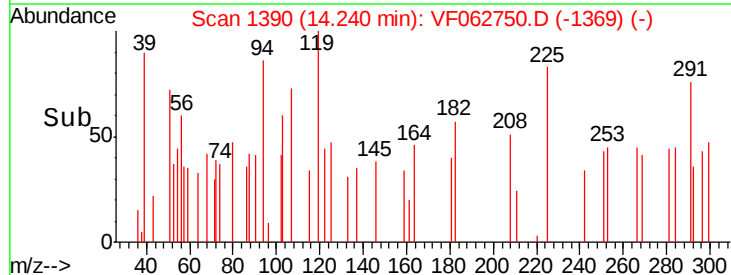
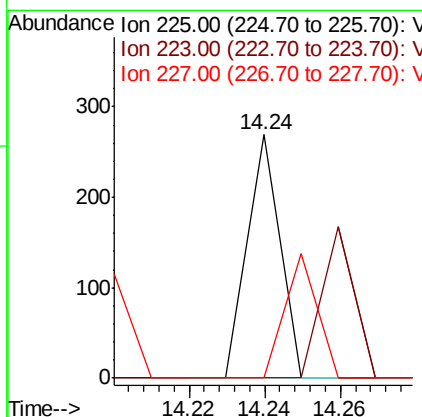
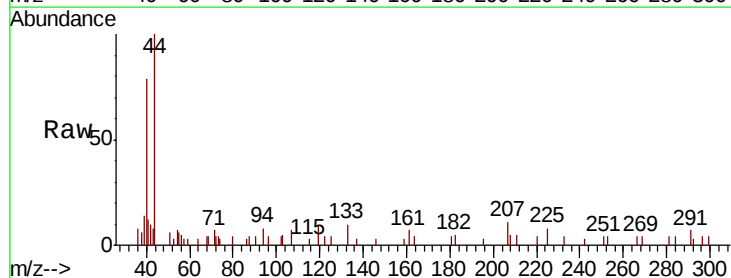
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2-S2

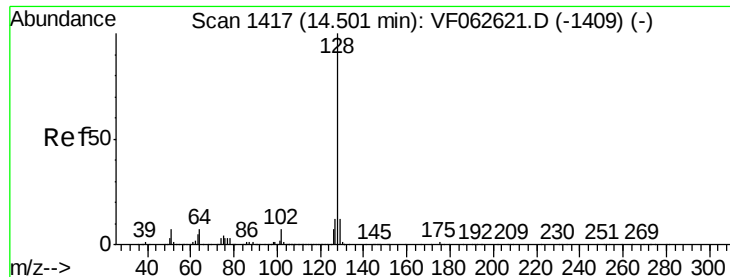
Tot Ion:180 Resp: 76
 Ion Ratio Lower Upper
 180 100
 182 142.6 49.7 149.1
 145 95.3 14.6 44.0#



#94
 Hexachlorobutadiene
 Concen: 93.885 ug/l
 RT: 14.24 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: VF062750.D
 Acq: 24 May 2019 16:51

Tgt Ion:225 Resp: 159
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.5 97.4#
 227 0.0 34.5 103.5#





#95

Naphthalene

Concen: 17.239 ug/l

RT: 14.50 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

Instrument :

MSVOA_F

ClientSampleId :

TP-2-S2

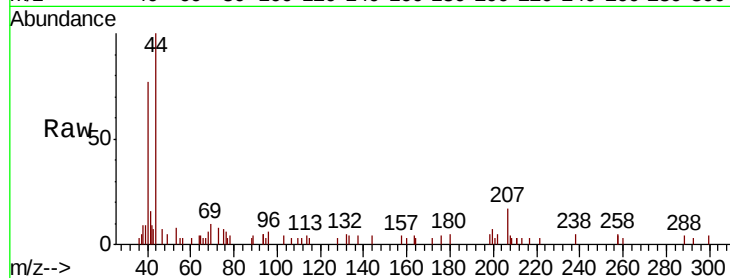
Tot Ion:128 Resp: 76

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

129 0.0 9.3 13.9#

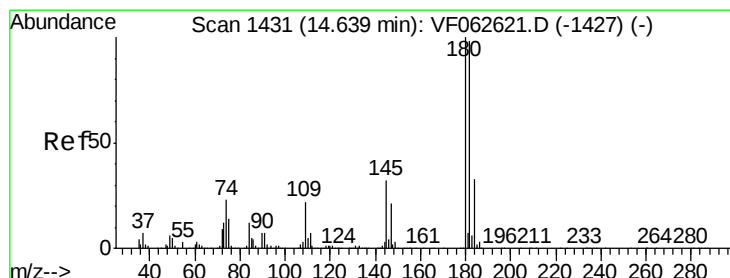
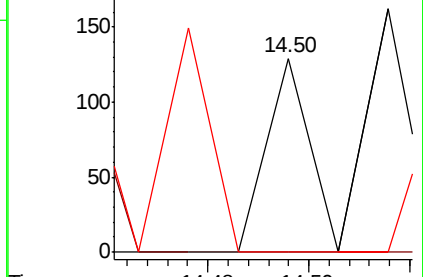
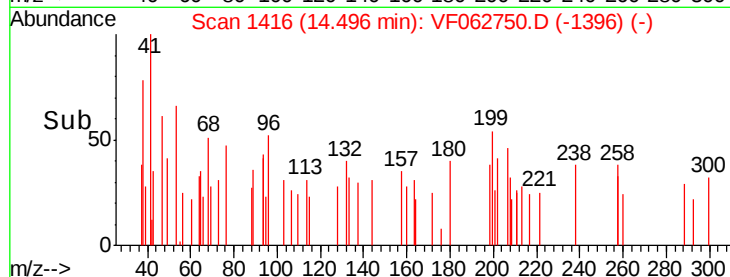


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 34.803 ug/l

RT: 14.64 min Scan# 1431

Delta R.T. 0.01 min

Lab File: VF062750.D

Acq: 24 May 2019 16:51

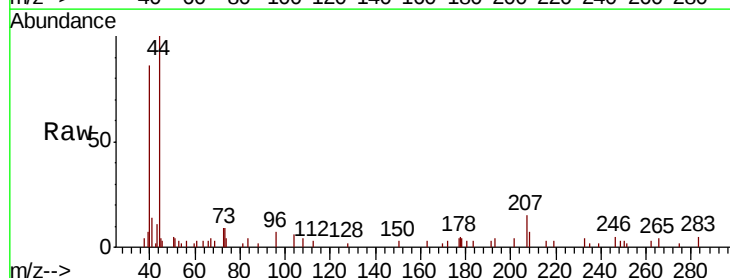
Tgt Ion:180 Resp: 80

Ion Ratio Lower Upper

180 100

182 0.0 48.9 146.7#

145 0.0 16.1 48.2#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

Time-->

