

Data File : VF062464.D
Acq On : 11 May 2019 17:08
Operator : FY/SY
Sample : K2746-01RE
Misc : 5.10g/5mL/MSVOA_F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19RE

Quant Time: May 12 03:47:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	9239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	5534	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	1408	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.70	152	76	50.00	ug/l	0.09

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	1154	13.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	26.44%	
35) Dibromofluoromethane	4.29	113	744	16.88	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	33.76%	
50) Toluene-d8	7.72	98	3419	32.04	ug/l	0.02
Spiked Amount	50.000		Recovery	=	64.08%	
62) 4-Bromofluorobenzene	11.52	95	273	5.67	ug/l	0.03
Spiked Amount	50.000		Recovery	=	11.34%	

Target Compounds					Qvalue	
3) Chloromethane	1.16	50	145	2.056	ug/l #	42
4) Vinyl Chloride	1.05	62	71	1.009	ug/l #	42
5) Bromomethane	1.32	94	61	Below Cal	#	1
6) Chloroethane	1.50	64	149	4.213	ug/l #	41
8) Diethyl Ether	1.53	74	156	7.064	ug/l #	1
11) Tert butyl alcohol	2.75	59	207	41.948	ug/l #	70
12) 1,1-Dichloroethene	1.89	96	350	4.941	ug/l #	1
13) Acrolein	2.08	56	77	4.512	ug/l #	1
14) Allyl chloride	2.20	41	632	10.100	ug/l #	5
15) Acrylonitrile	3.06	53	63	6.740	ug/l #	1
16) Acetone	2.35	43	463	26.214	ug/l #	62
18) Methyl Acetate	2.46	43	324	7.390	ug/l #	58
19) Methyl tert-butyl Ether	2.57	73	424	2.900	ug/l #	61
20) Methylene Chloride	2.34	84	79	1.236	ug/l #	10
21) trans-1,2-Dichloroethene	2.41	96	257	3.808	ug/l #	49
23) Vinyl Acetate	3.35	43	652	7.480	ug/l #	79
25) 2-Butanone	4.52	43	166	7.481	ug/l #	60
26) 2,2-Dichloropropane	3.76	77	891	13.499	ug/l #	58
27) cis-1,2-Dichloroethene	3.65	96	134	1.588	ug/l #	30
28) Bromochloromethane	4.06	49	66	1.231	ug/l #	1
29) Tetrahydrofuran	4.27	42	188	18.434	ug/l #	68
31) Cyclohexane	3.85	56	135	1.431	ug/l #	16
36) 1,1-Dichloropropene	4.48	75	114	2.398	ug/l #	1
37) Ethyl Acetate	4.32	43	180	4.979	ug/l #	73
38) Carbon Tetrachloride	4.22	117	68	Below Cal	#	14
39) Methylcyclohexane	5.45	83	60	1.258	ug/l #	33
41) Methacrylonitrile	4.95	41	127	11.141	ug/l #	43
42) 1,2-Dichloroethane	5.20	62	71	1.622	ug/l #	82
43) Isopropyl Acetate	7.13	43	124	5.735	ug/l #	48
44) Trichloroethene	5.79	130	64	1.664	ug/l	2
45) 1,2-Dichloropropane	6.42	63	60	2.530	ug/l #	43
46) Dibromomethane	6.35	93	80	4.069	ug/l #	1
47) Bromodichloromethane	6.57	83	70	1.424	ug/l #	27
48) Methyl methacrylate	6.92	41	291	19.043	ug/l #	30

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) 4-Methyl-2-Pentanone	8.40	43	148	9.033	ug/l #	40
53) t-1,3-Dichloropropene	8.43	75	70	1.883	ug/l #	1
54) cis-1,3-Dichloropropene	7.48	75	156	3.606	ug/l #	22
55) 1,1,2-Trichloroethane	8.63	97	77	3.756	ug/l #	14
56) Ethyl methacrylate	8.78	69	66	3.050	ug/l #	1
57) 1,3-Dichloropropane	9.06	76	67	2.164	ug/l #	42
58) 2-Chloroethyl Vinyl ether	7.43	63	68	10.451	ug/l #	42
59) 2-Hexanone	9.82	43	383	33.799	ug/l	73
60) Dibromochloromethane	8.91	129	60	1.789	ug/l #	11
61) 1,2-Dibromoethane	9.17	107	85	3.528	ug/l #	65
65) Chlorobenzene	9.70	112	65	2.790	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	10.00	131	60	5.105	ug/l #	1
67) Ethyl Benzene	10.15	91	65	1.593	ug/l #	45
68) m/p-Xylenes	10.25	106	62	4.119	ug/l	74
69) o-Xylene	10.89	106	67	4.119	ug/l #	1
70) Styrene	11.01	104	64	2.626	ug/l #	1
71) Bromoform	10.79	173	60	9.319	ug/l #	29
73) Isopropylbenzene	11.22	105	130	28.853	ug/l #	50
74) N-amyl acetate	11.44	43	203	209.866	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	11.74	83	87	123.324	ug/l #	22
76) 1,2,3-Trichloropropane	11.86	75	62	115.194	ug/l #	100
78) n-propylbenzene	11.60	91	149	31.062	ug/l #	52
79) 2-Chlorotoluene	11.83	91	108	36.208	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.91	105	179	45.327	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.94	75	80	395.431	ug/l #	16
82) 4-Chlorotoluene	11.97	91	218	73.998	ug/l #	39
83) tert-Butylbenzene	12.19	119	79	19.035	ug/l #	29
84) 1,2,4-Trimethylbenzene	12.35	105	88	22.771	ug/l #	31
85) sec-Butylbenzene	12.35	105	88	17.420	ug/l #	57
86) p-Isopropyltoluene	12.55	119	65	13.849	ug/l #	50
88) 1,4-Dichlorobenzene	12.87	146	73	35.023	ug/l #	16
89) n-Butylbenzene	12.87	91	174	41.670	ug/l #	29
90) Hexachloroethane	13.03	117	62	52.906	ug/l #	3
91) 1,2-Dichlorobenzene	13.03	146	92	44.013	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.67	75	66	417.602	ug/l	78
95) Naphthalene	14.70	128	75	26.607	ug/l #	69

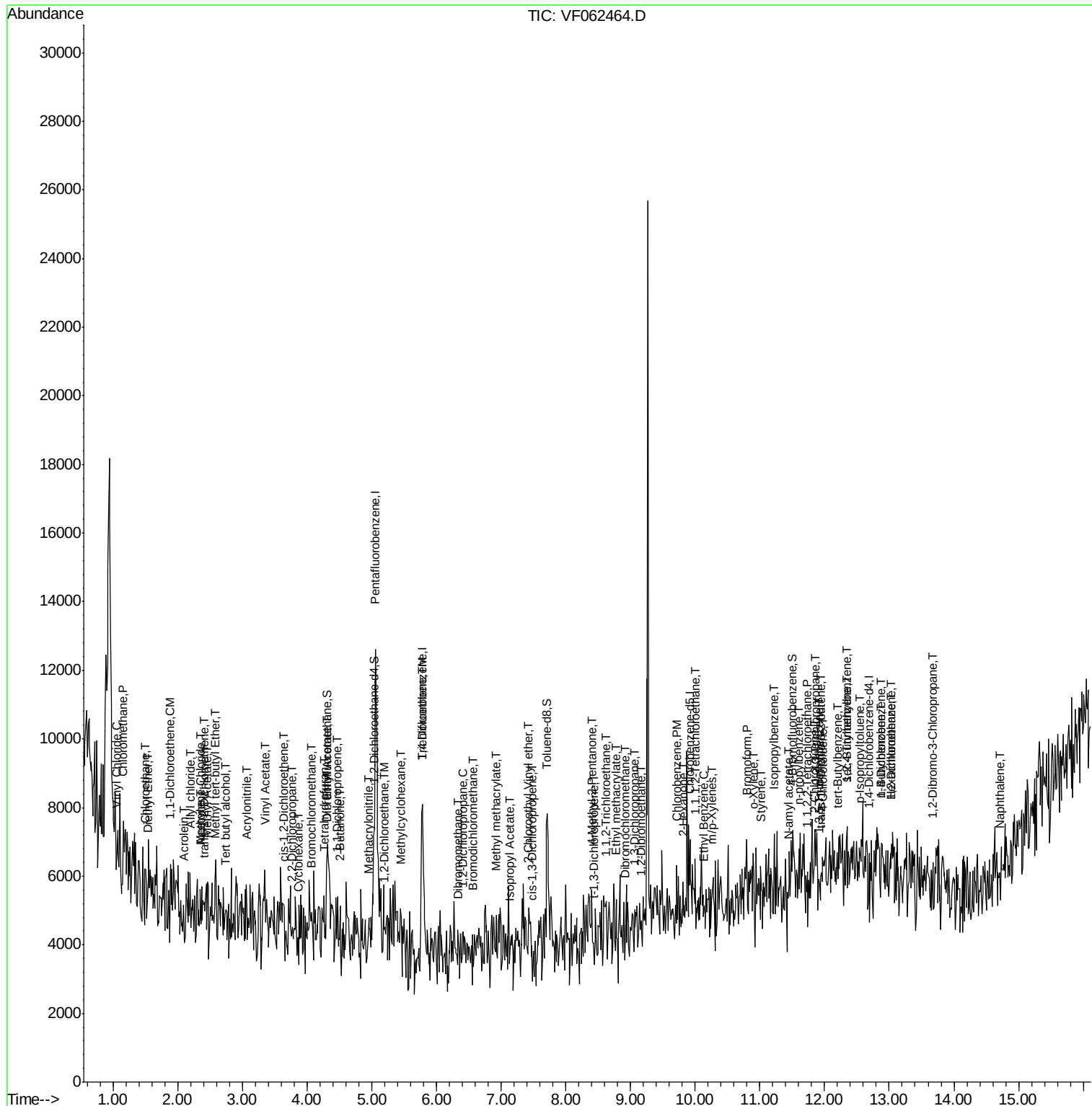
(#) = qualifier out of range (m) = manual integration (+) = signals summed

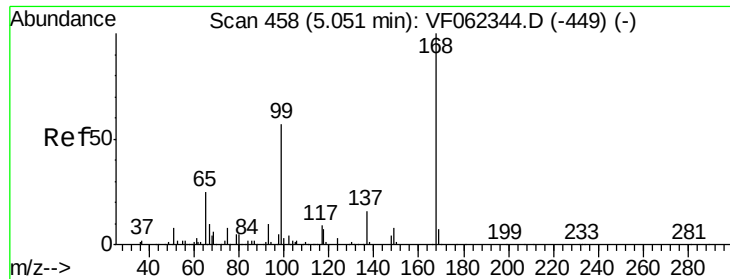
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

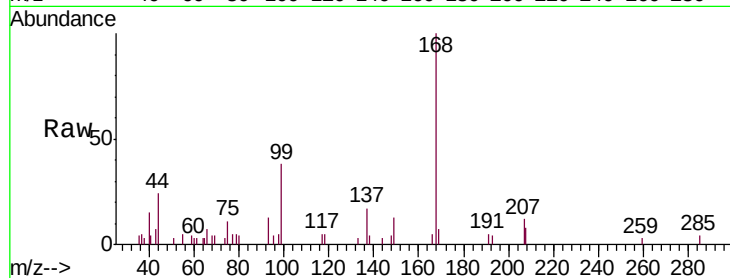
COMP-5.8.19RE

Tgt Ion:168 Resp: 9239

Ion Ratio Lower Upper

168 100

99 37.5 45.9 68.9#



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

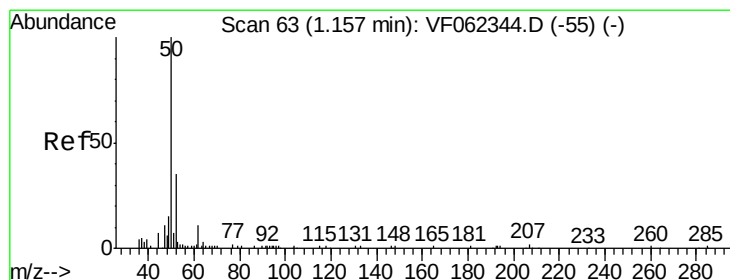
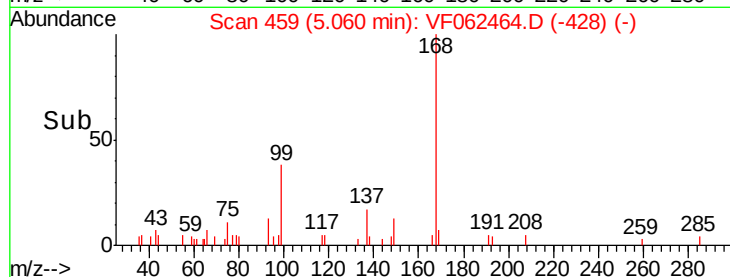
3000

2000

1000

0

Time--> 4.90 5.00 5.10 5.20



#3

Chloromethane

Concen: 2.056 ug/l

RT: 1.16 min Scan# 63

Delta R.T. -0.00 min

Lab File: VF062464.D

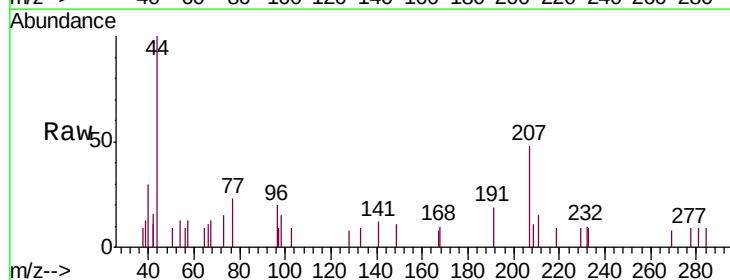
Acq: 11 May 2019 17:08

Tgt Ion: 50 Resp: 145

Ion Ratio Lower Upper

50 100

52 0.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0

1.16

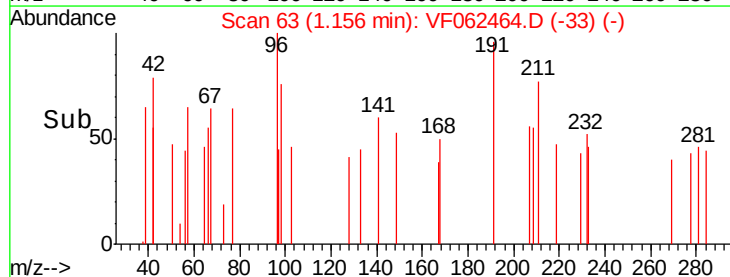
150

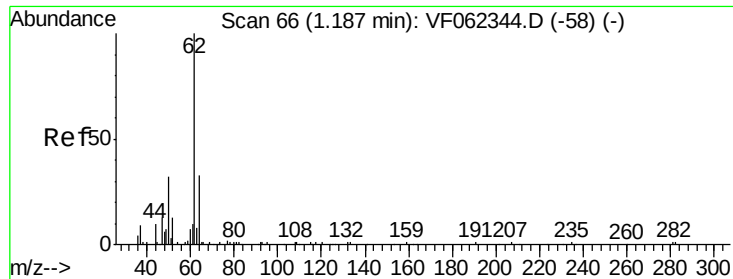
100

50

0

Time--> 1.12 1.14 1.16 1.18 1.20





#4

Vinyl Chloride

Concen: 1.009 ug/l

RT: 1.05 min Scan# 52

Delta R.T. -0.14 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

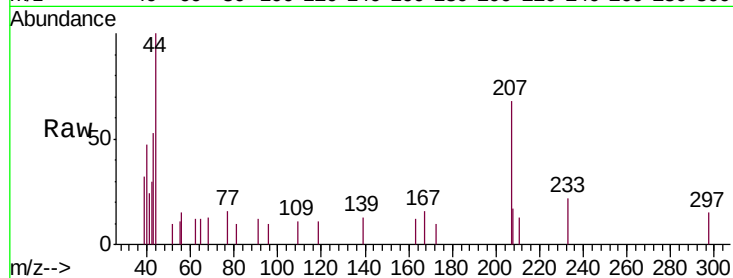
COMP-5.8.19RE

Tgt Ion: 62 Resp: 71

Ion Ratio Lower Upper

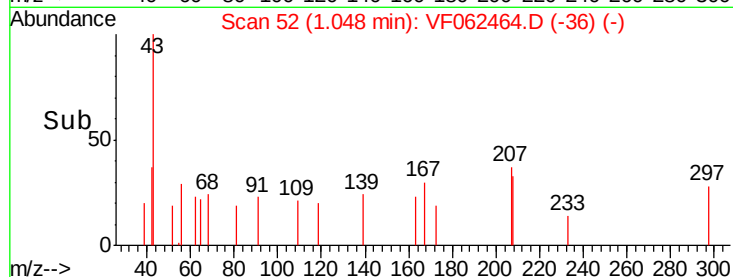
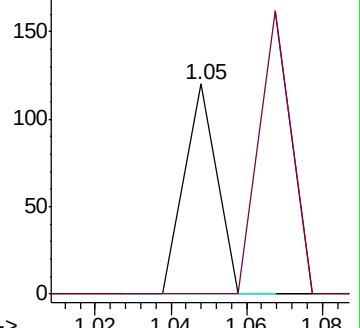
62 100

64 0.0 26.1 39.1#

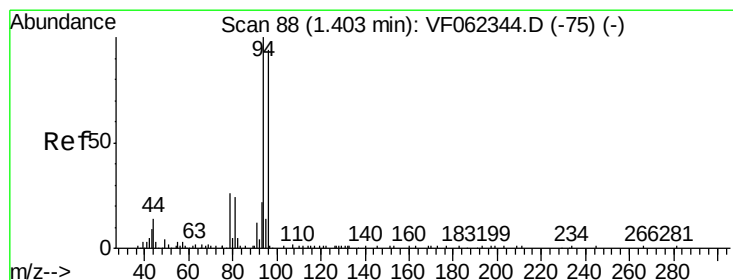


Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 63.90 (63.60 to 64.60): VF0



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.32 min Scan# 80

Delta R.T. -0.08 min

Lab File: VF062464.D

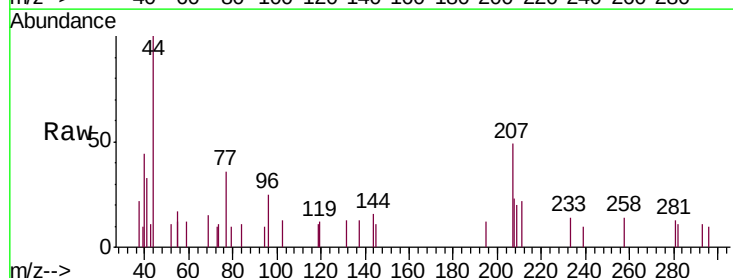
Acq: 11 May 2019 17:08

Tgt Ion: 94 Resp: 61

Ion Ratio Lower Upper

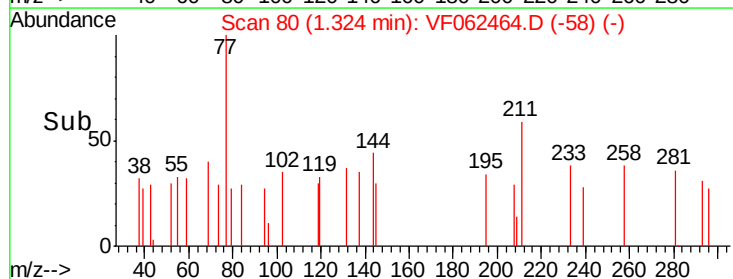
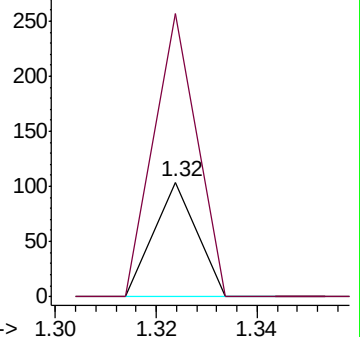
94 100

96 247.1 75.4 113.2#

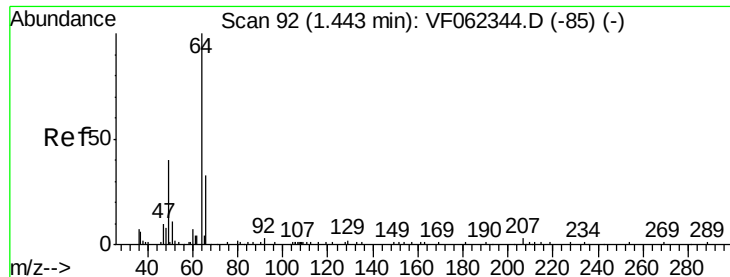


Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0



Time-->



#6

Chloroethane

Concen: 4.213 ug/l

RT: 1.50 min Scan# 98

Delta R.T. 0.06 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

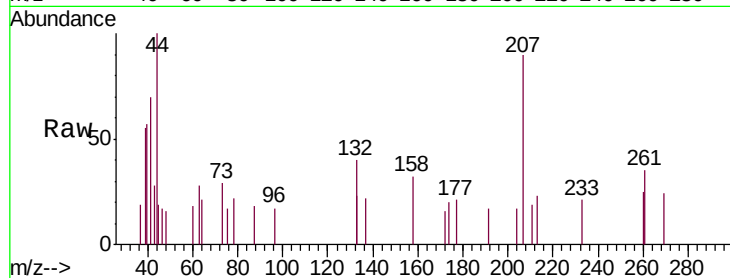
COMP-5.8.19RE

Tgt Ion: 64 Resp: 149

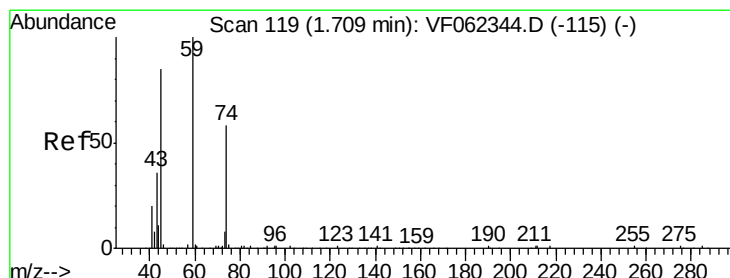
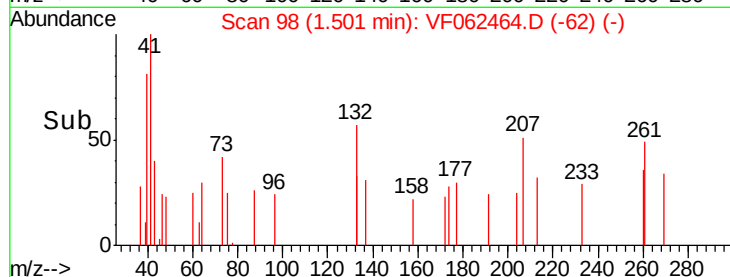
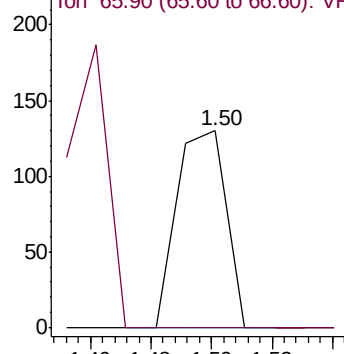
Ion Ratio Lower Upper

64 100

66 0.0 26.6 39.8#



Abundance Ion 63.90 (63.60 to 64.60): VF0



#8

Diethyl Ether

Concen: 7.064 ug/l

RT: 1.53 min Scan# 101

Delta R.T. -0.18 min

Lab File: VF062464.D

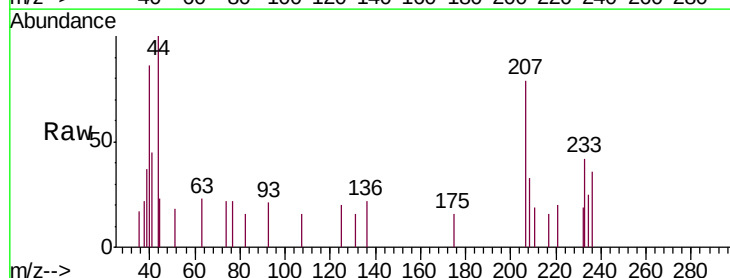
Acq: 11 May 2019 17:08

Tgt Ion: 74 Resp: 156

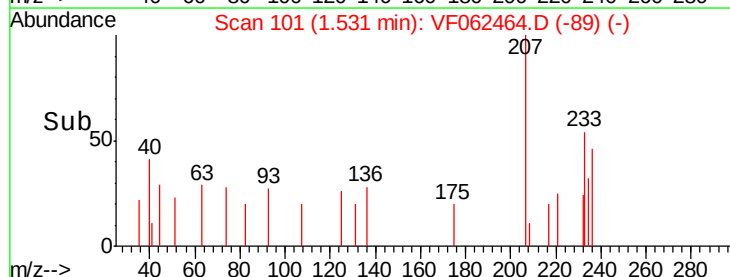
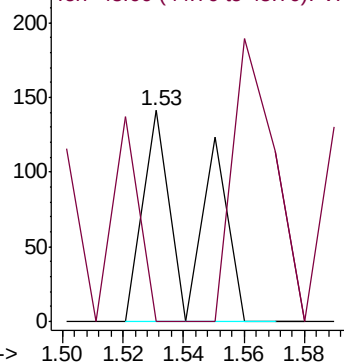
Ion Ratio Lower Upper

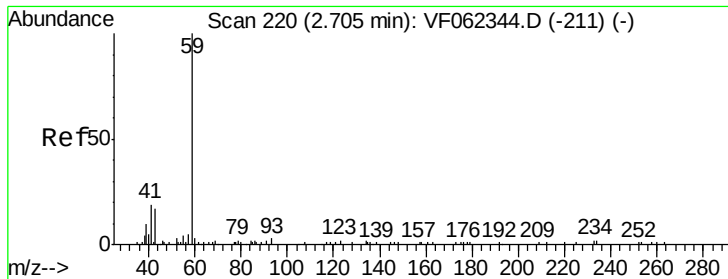
74 100

45 0.0 73.9 221.6#



Abundance Ion 74.00 (73.70 to 74.70): VF0

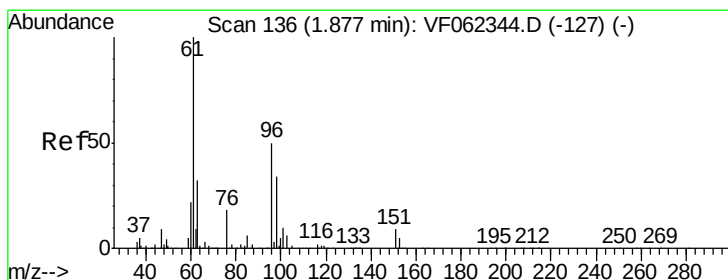
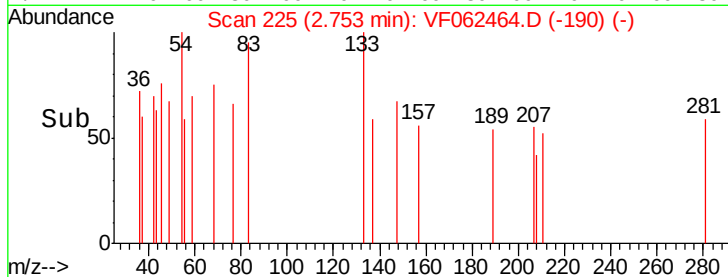
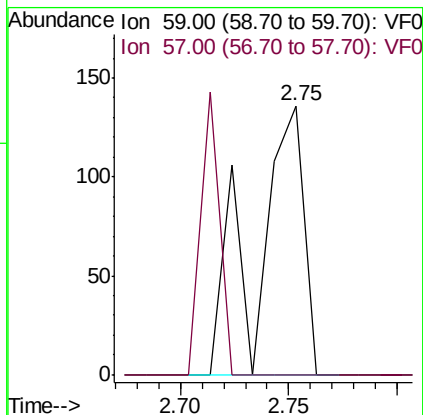
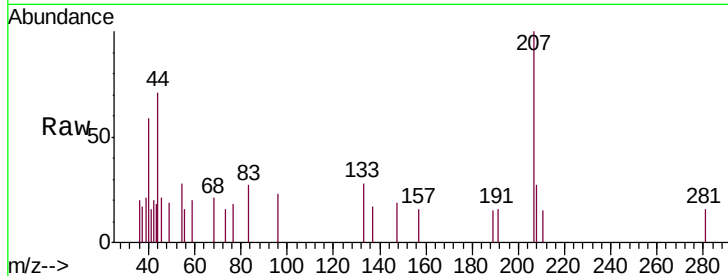




#11
Tert butyl alcohol
Concen: 41.948 ug/l
RT: 2.75 min Scan# 225
Delta R.T. 0.05 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

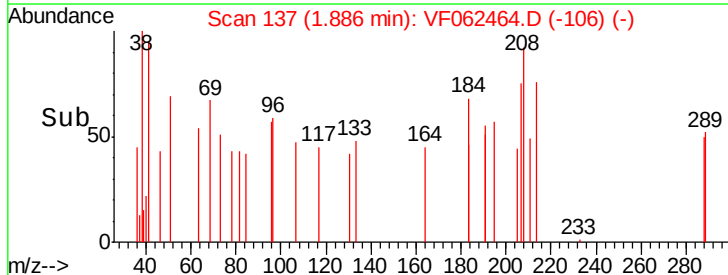
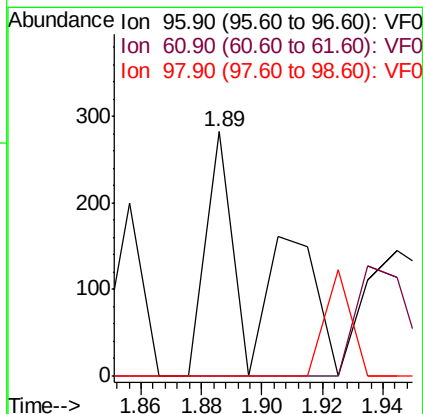
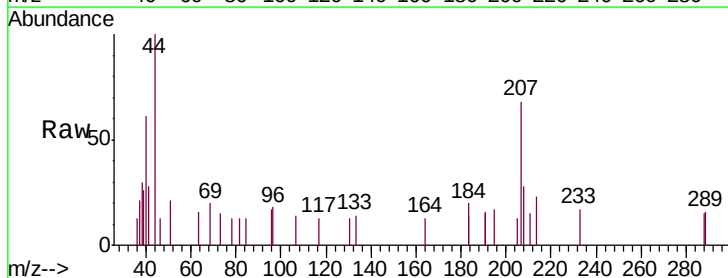
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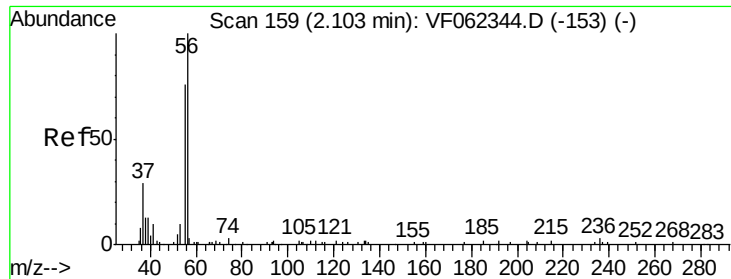
Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 4.941 ug/l
RT: 1.89 min Scan# 137
Delta R.T. 0.01 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

Tgt Ion: 96 Resp: 350
Ion Ratio Lower Upper
96 100
61 0.0 163.2 244.8#
98 0.0 55.2 82.8#





#13

Acrolein

Concen: 4.512 ug/l

RT: 2.08 min Scan# 157

Delta R.T. -0.02 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

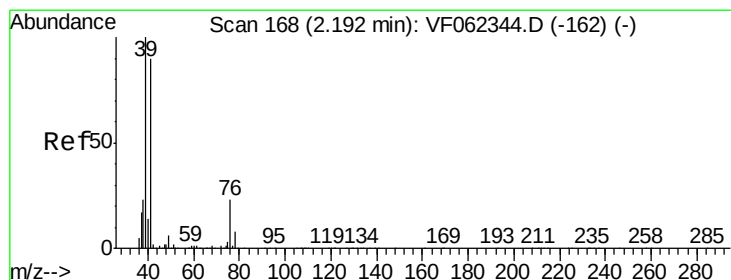
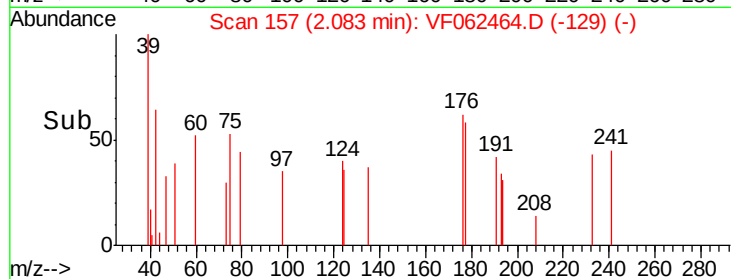
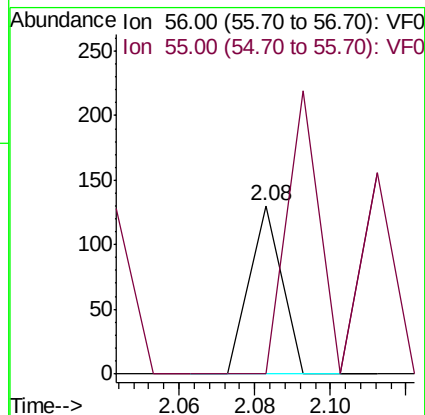
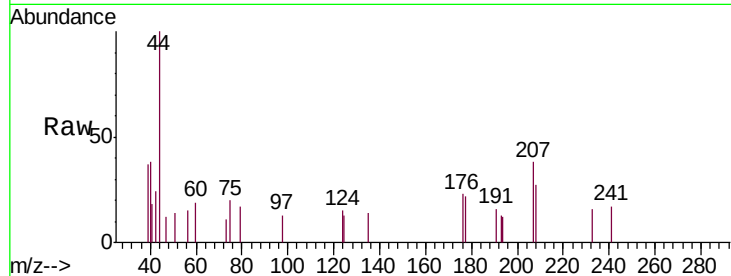
COMP-5.8.19RE

Tgt Ion: 56 Resp: 77

Ion Ratio Lower Upper

56 100

55 288.3 58.4 87.6#



#14

Allyl chloride

Concen: 10.100 ug/l

RT: 2.20 min Scan# 169

Delta R.T. 0.01 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

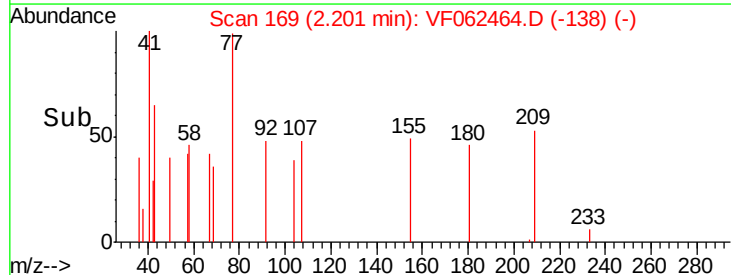
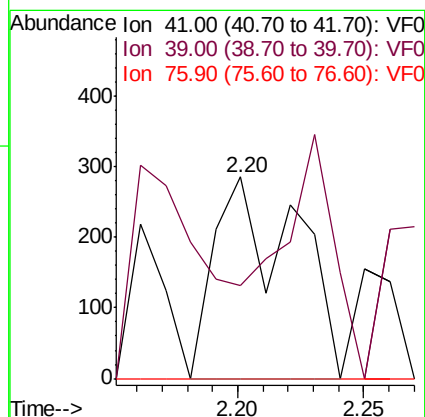
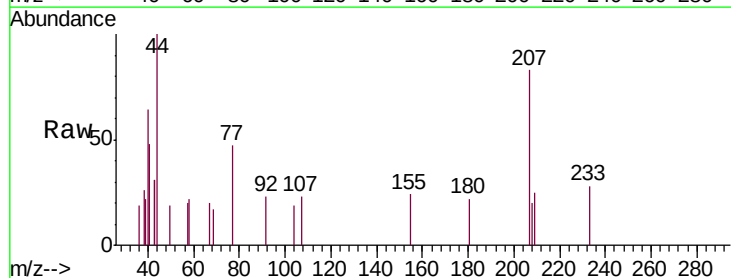
Tgt Ion: 41 Resp: 632

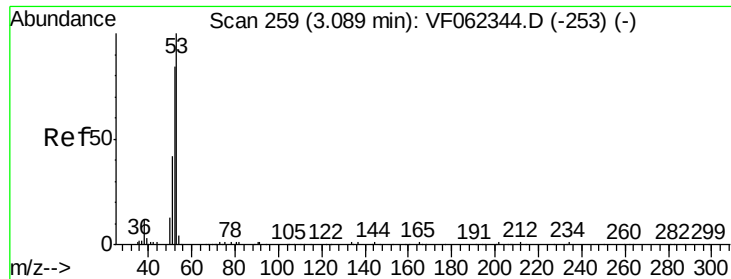
Ion Ratio Lower Upper

41 100

39 0.0 90.8 136.2#

76 0.0 22.2 33.4#





#15

Acrylonitrile

Concen: 6.740 ug/l

RT: 3.06 min Scan# 256

Delta R.T. -0.03 min

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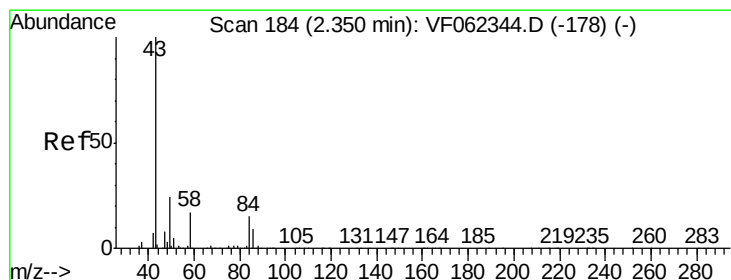
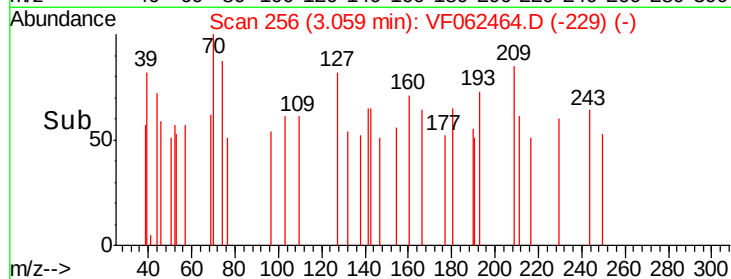
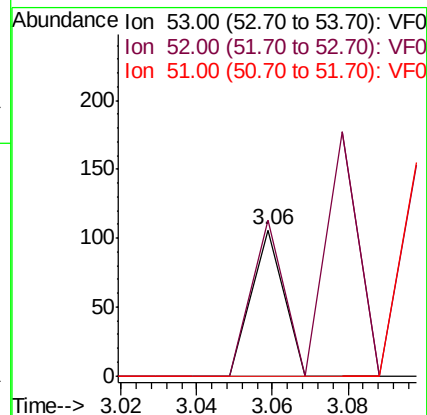
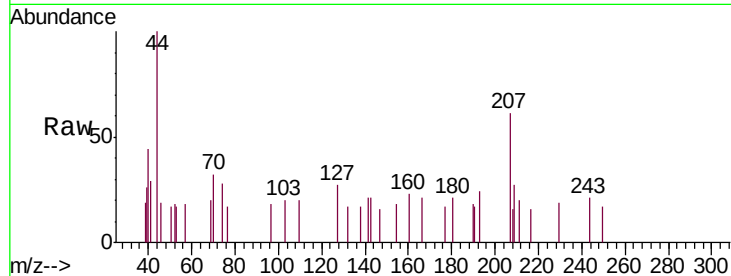
Tgt Ion: 53 Resp: 63

Ion Ratio Lower Upper

53 100

52 273.0 77.2 115.8#

51 0.0 40.6 61.0#



#16

Acetone

Concen: 26.214 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.00 min

Lab File: VF062464.D

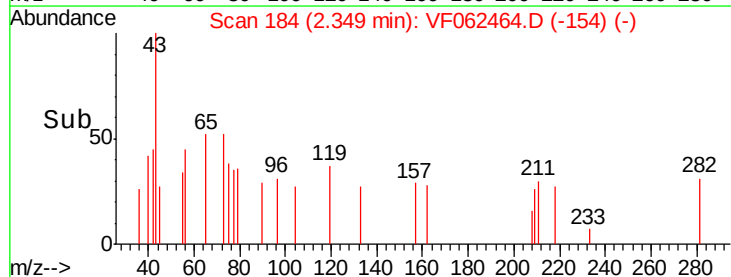
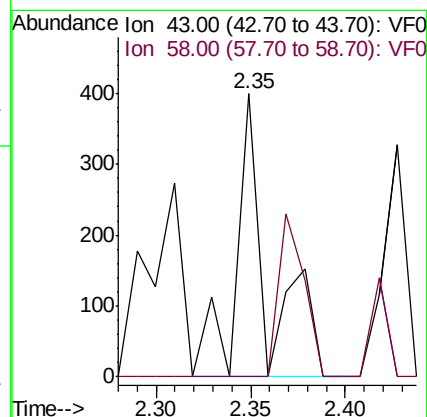
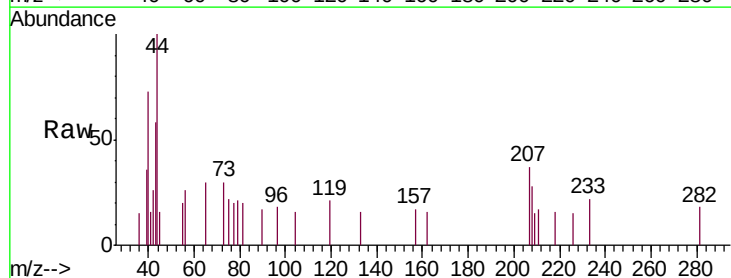
Acq: 11 May 2019 17:08

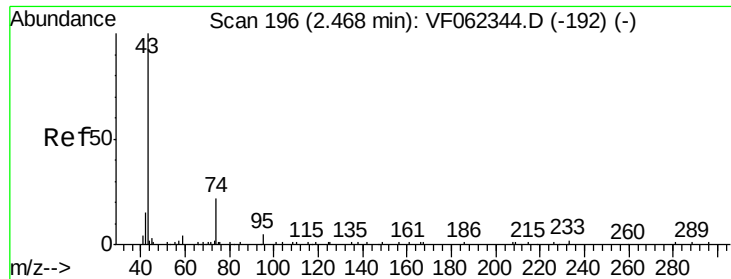
Tgt Ion: 43 Resp: 463

Ion Ratio Lower Upper

43 100

58 0.0 13.1 19.7#

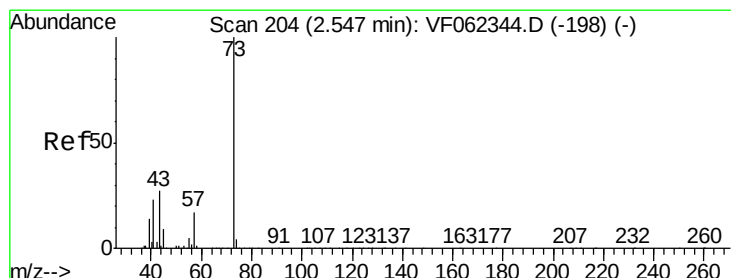
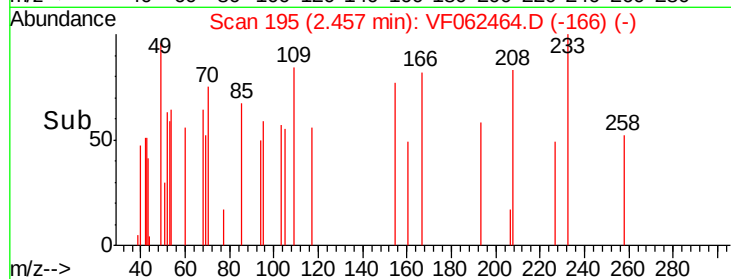
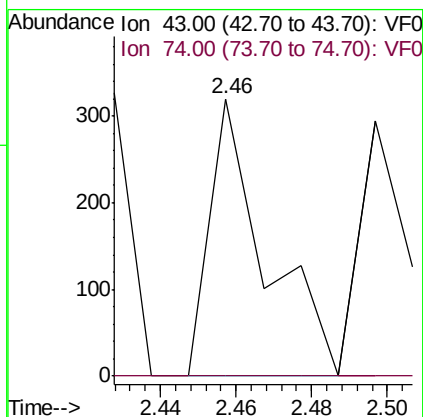
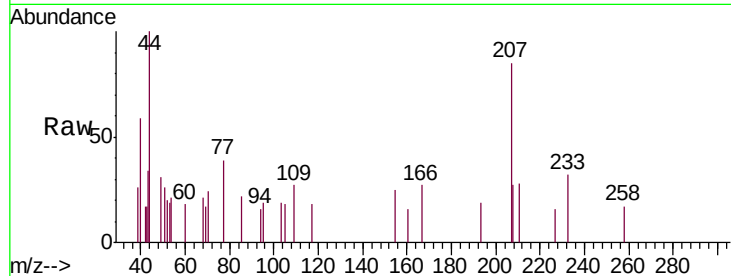




#18
Methyl Acetate
Concen: 7.390 ug/l
RT: 2.46 min Scan# 195
Delta R.T. -0.01 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

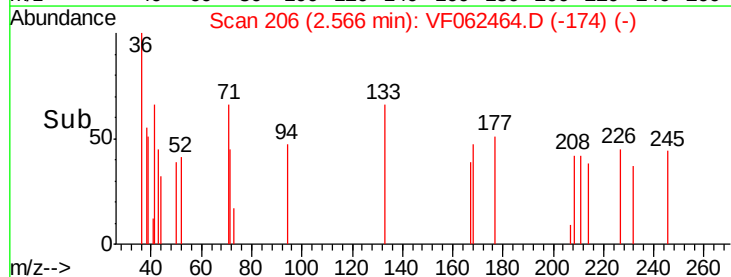
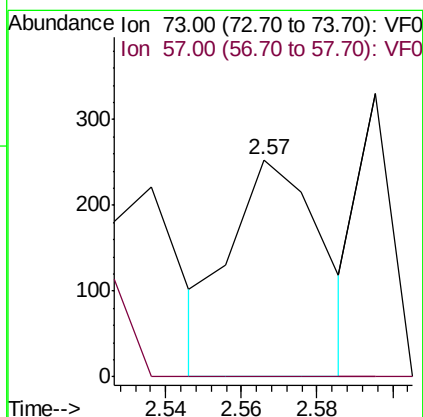
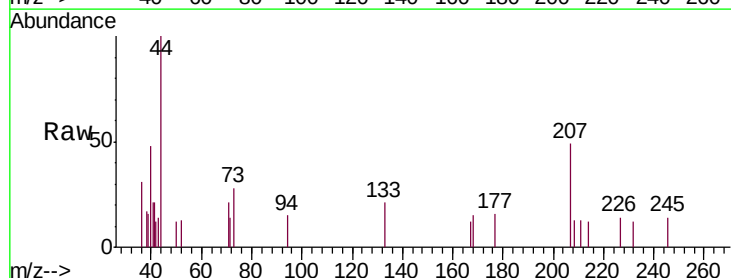
Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19RE

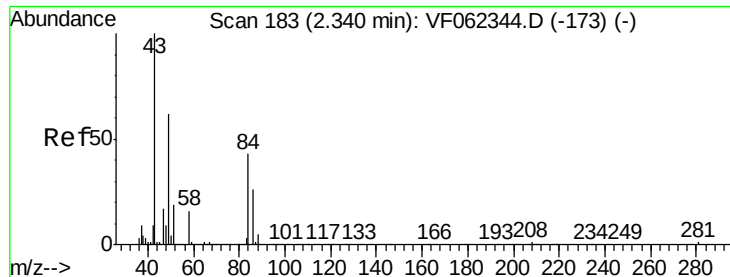
Tgt Ion: 43 Resp: 324
Ion Ratio Lower Upper
43 100
74 0.0 15.0 22.4#



#19
Methyl tert-butyl Ether
Concen: 2.900 ug/l
RT: 2.57 min Scan# 206
Delta R.T. 0.02 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

Tgt Ion: 73 Resp: 424
Ion Ratio Lower Upper
73 100
57 0.0 13.7 20.5#

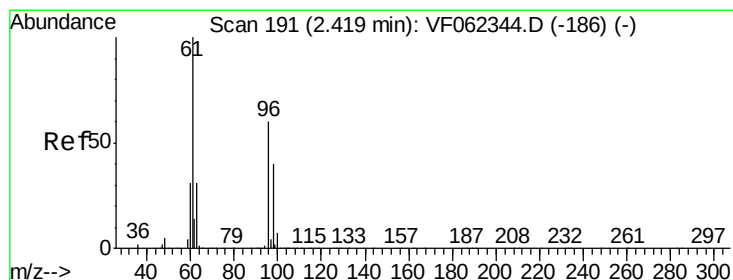
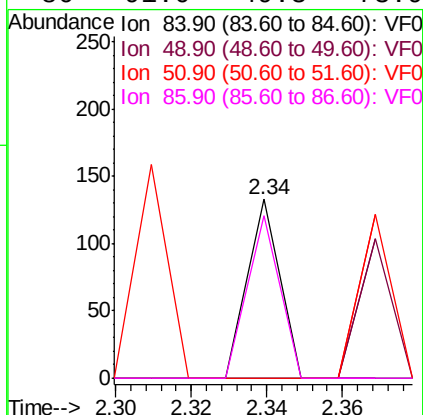
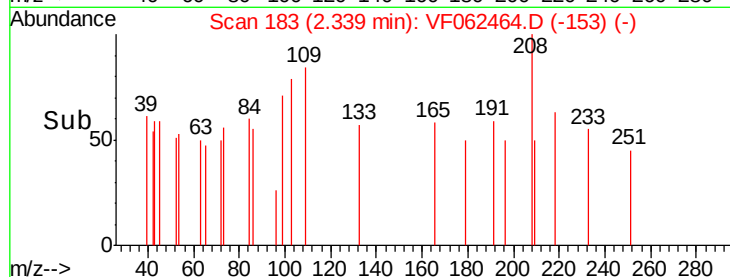
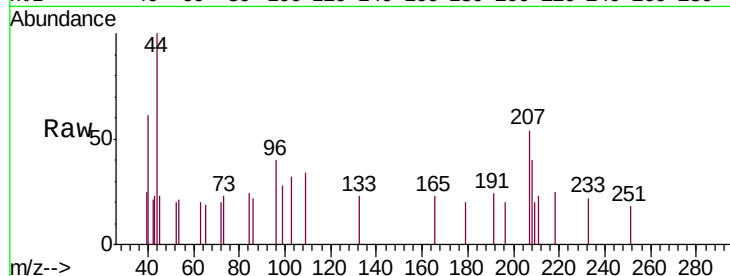




#20
Methylene Chloride
Concen: 1.236 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

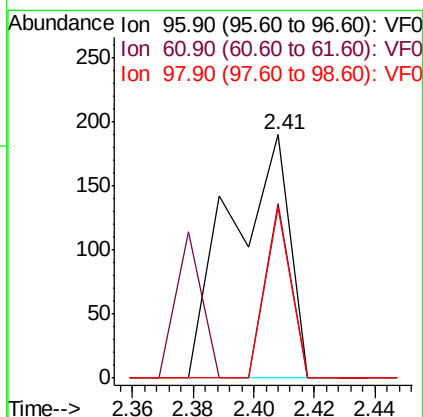
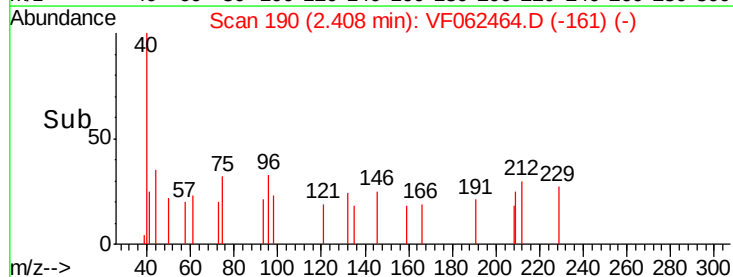
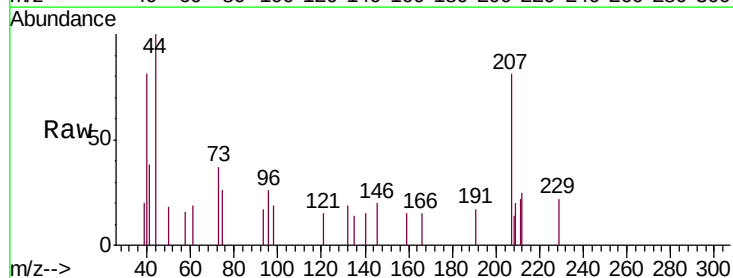
Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19RE

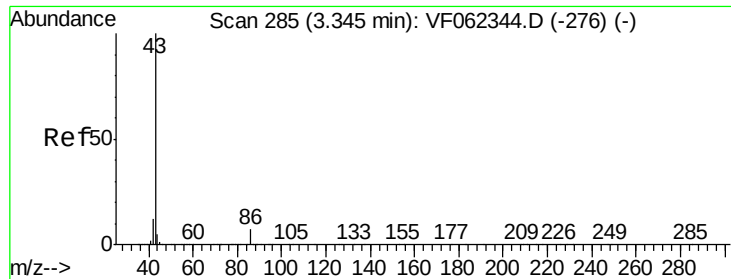
Tgt Ion:	84	Resp:	79
Ion	Ratio	Lower	Upper
84	100		
49	0.0	117.5	176.3#
51	0.0	37.0	55.4#
86	91.0	49.3	73.9#



#21
trans-1,2-Dichloroethene
Concen: 3.808 ug/l
RT: 2.41 min Scan# 190
Delta R.T. -0.01 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

Tgt Ion:	96	Resp:	257
Ion	Ratio	Lower	Upper
96	100		
61	71.6	133.2	199.8#
98	70.0	53.1	79.7





#23

Vinyl Acetate

Concen: 7.480 ug/l

RT: 3.35 min Scan# 286

Delta R.T. 0.01 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

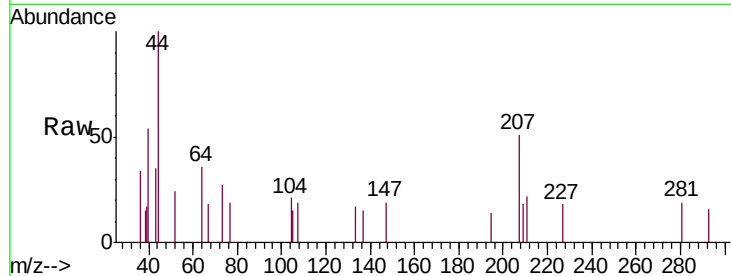
COMP-5.8.19RE

Tgt Ion: 43 Resp: 652

Ion Ratio Lower Upper

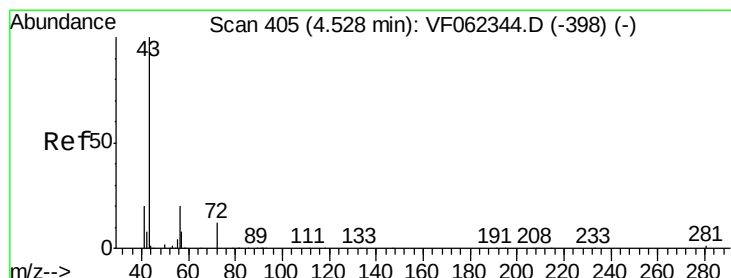
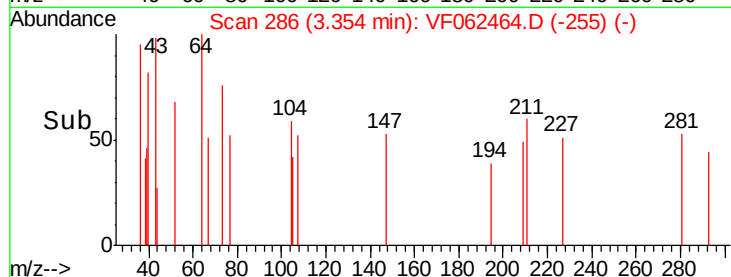
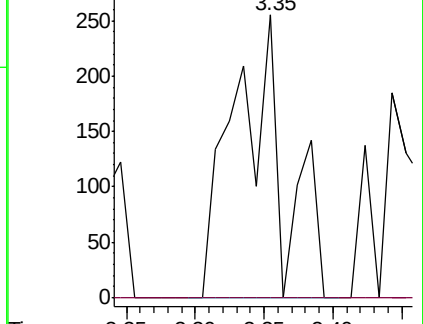
43 100

86 0.0 5.7 8.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#25

2-Butanone

Concen: 7.481 ug/l

RT: 4.52 min Scan# 404

Delta R.T. -0.01 min

Lab File: VF062464.D

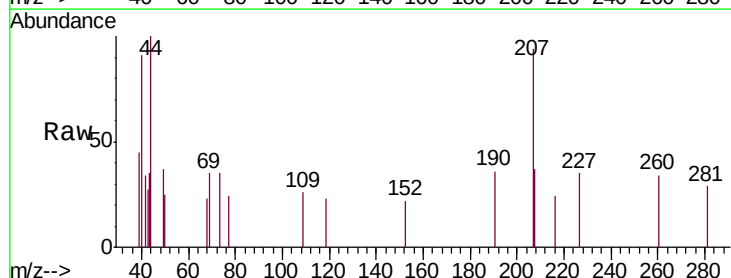
Acq: 11 May 2019 17:08

Tgt Ion: 43 Resp: 166

Ion Ratio Lower Upper

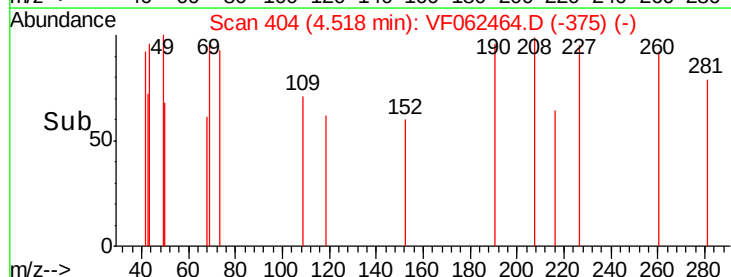
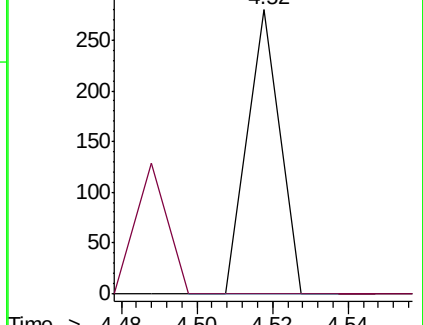
43 100

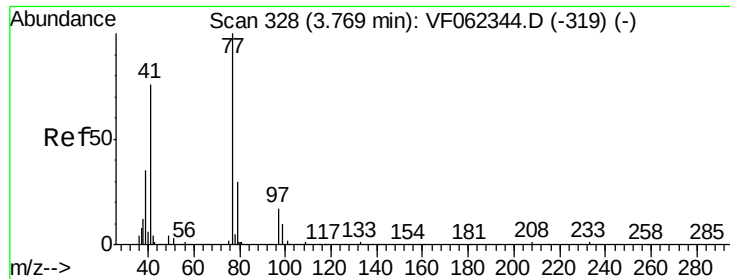
72 0.0 14.2 21.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

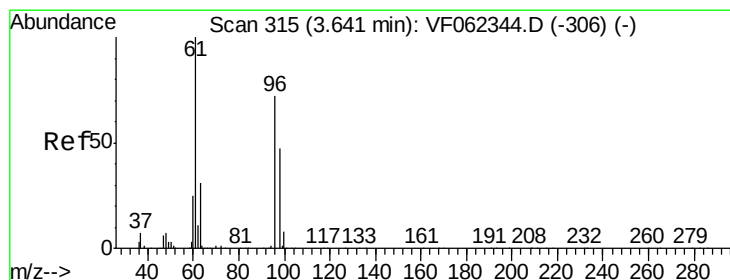
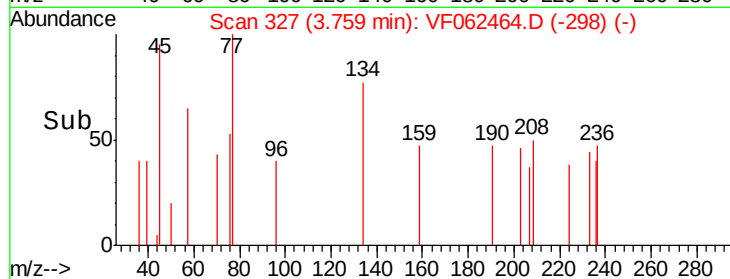
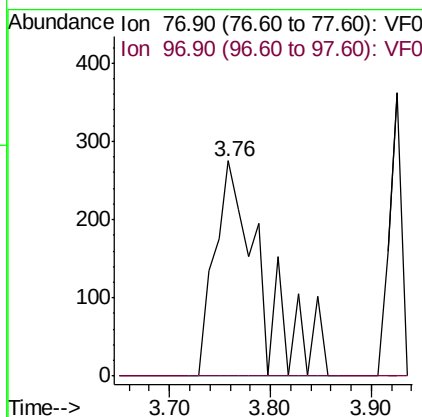
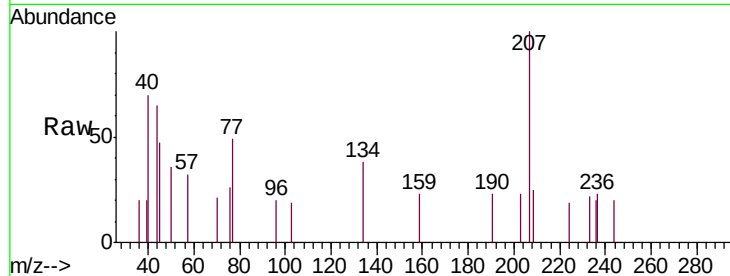




#26
 2,2-Dichloropropane
 Concen: 13.499 ug/l
 RT: 3.76 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VF062464.D
 Acq: 11 May 2019 17:08

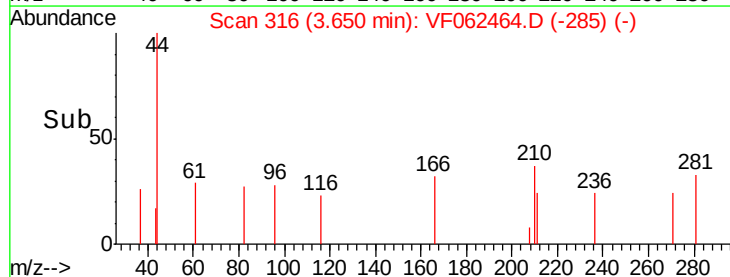
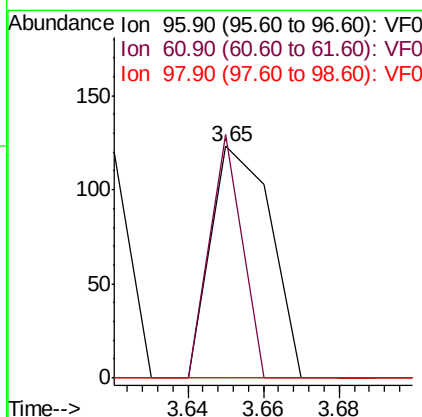
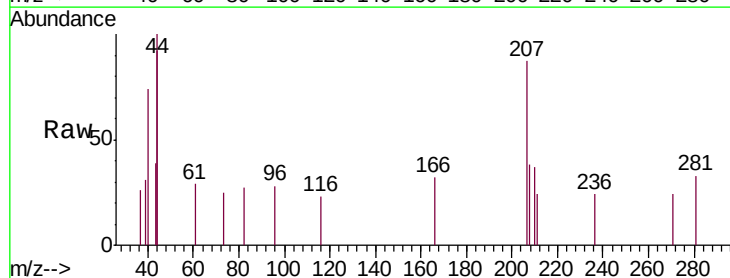
Instrument :
 MSVOA_F
 ClientSampleId :
 COMP-5.8.19RE

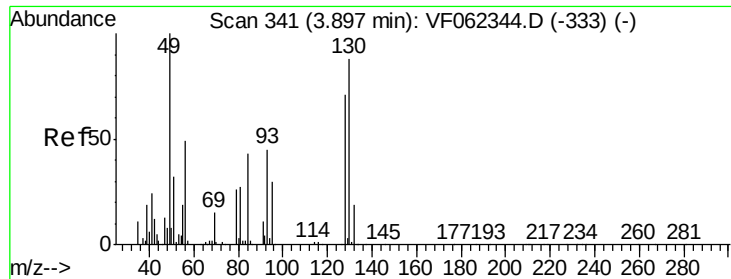
Tgt Ion: 77 Resp: 891
 Ion Ratio Lower Upper
 77 100
 97 0.0 9.5 28.5#



#27
 cis-1,2-Dichloroethene
 Concen: 1.588 ug/l
 RT: 3.65 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VF062464.D
 Acq: 11 May 2019 17:08

Tgt Ion: 96 Resp: 134
 Ion Ratio Lower Upper
 96 100
 61 56.7 0.0 263.0
 98 0.0 0.0 130.8

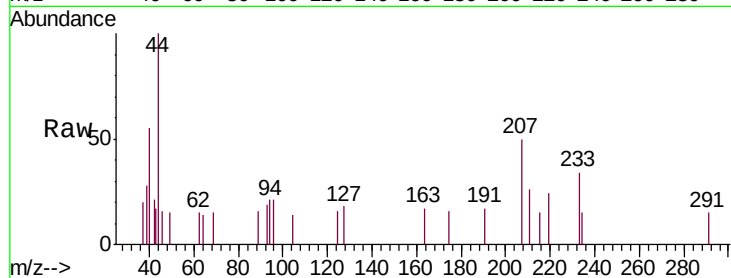




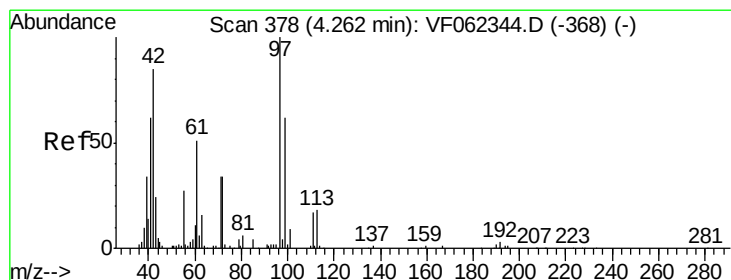
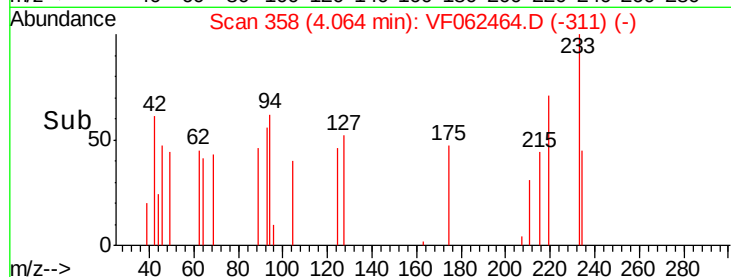
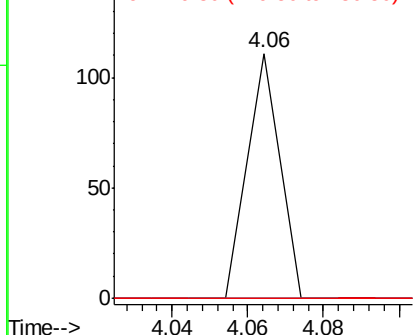
#28
Bromochloromethane
Concen: 1.231 ug/l
RT: 4.06 min Scan# 358
Delta R.T. 0.17 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19RE

Tgt Ion: 49 Resp: 66
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 79.4 119.0#

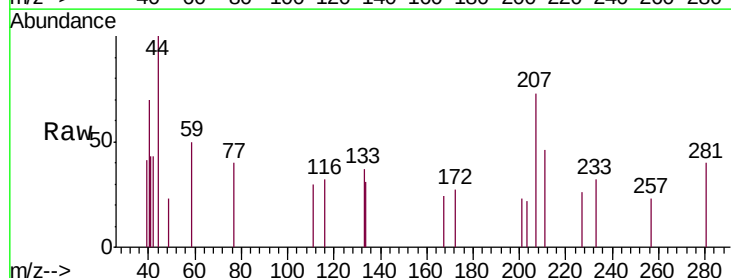


Abundance Ion 48.90 (48.60 to 49.60): VF0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

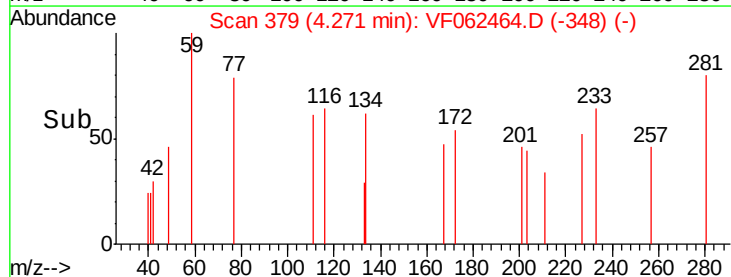
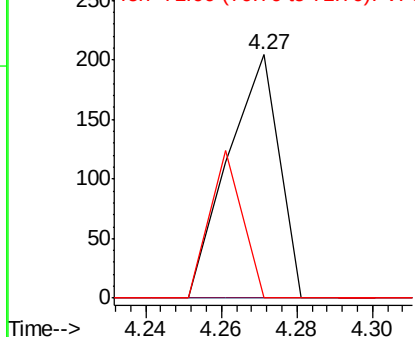


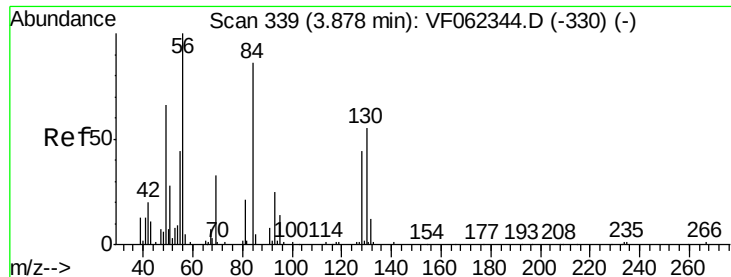
#29
Tetrahydrofuran
Concen: 18.434 ug/l
RT: 4.27 min Scan# 379
Delta R.T. 0.01 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

Tgt Ion: 42 Resp: 188
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.0#
71 38.8 31.7 47.5



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

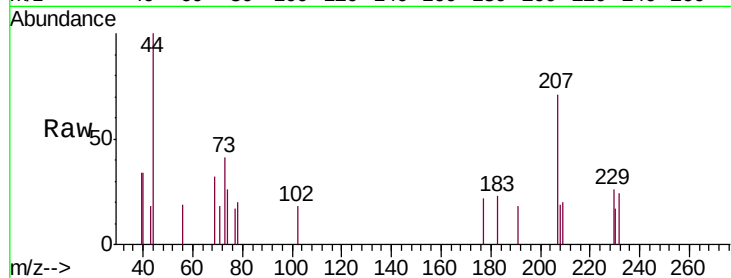




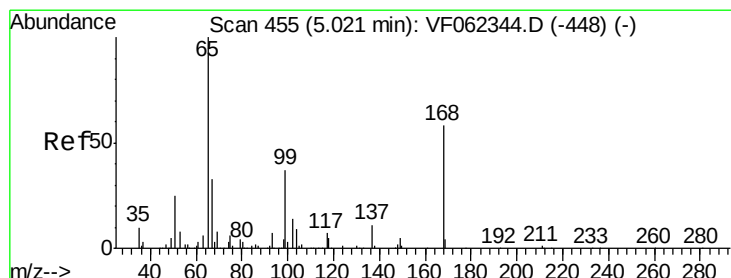
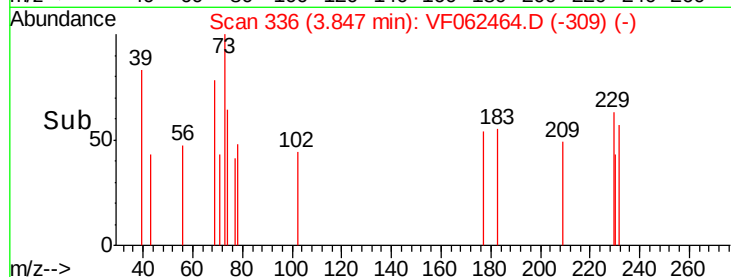
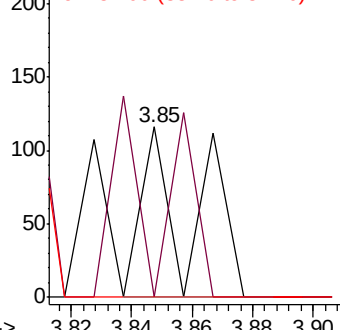
#31
Cyclohexane
Concen: 1.431 ug/l
RT: 3.85 min Scan# 336
Delta R.T. -0.03 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19RE

Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
69 0.0 26.4 39.6#
84 0.0 69.0 103.6#

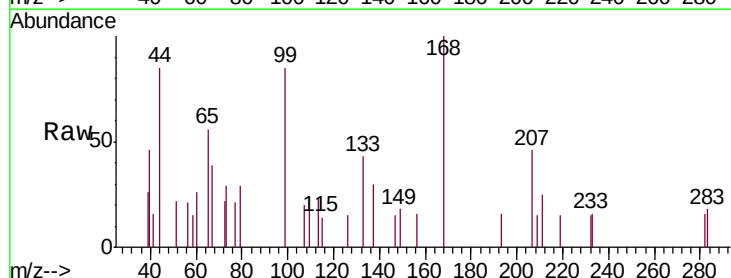


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

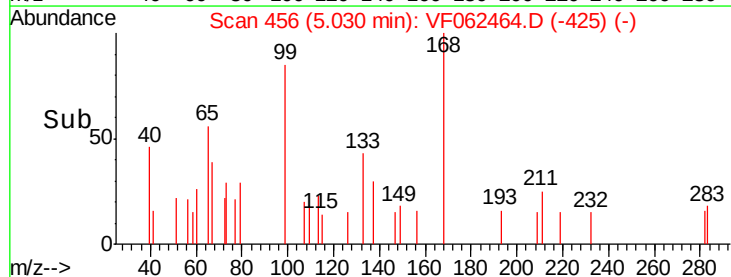
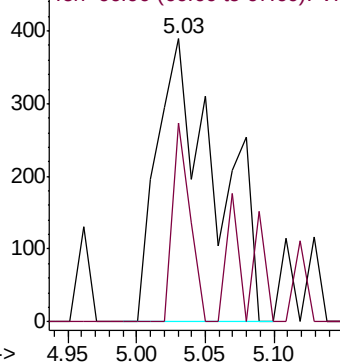


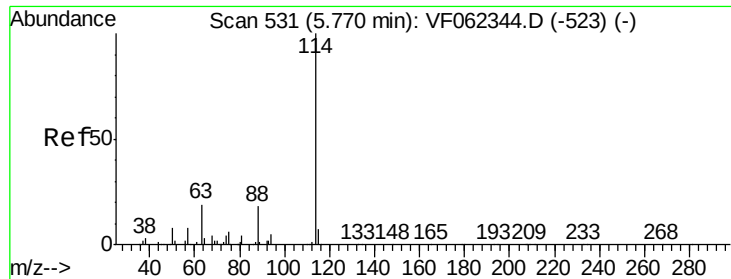
#33
1,2-Dichloroethane-d4
Concen: 13.217 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.01 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

Tgt Ion: 65 Resp: 1154
Ion Ratio Lower Upper
65 100
67 21.0 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0
Ion 66.90 (66.60 to 67.60): VF0

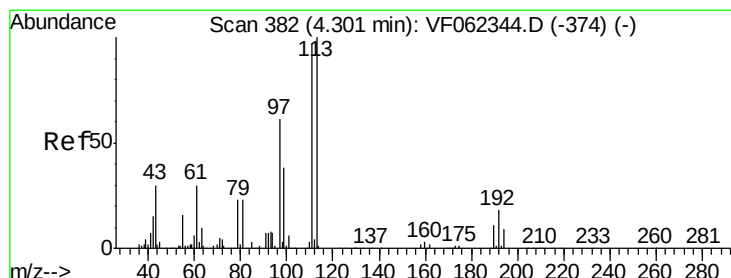
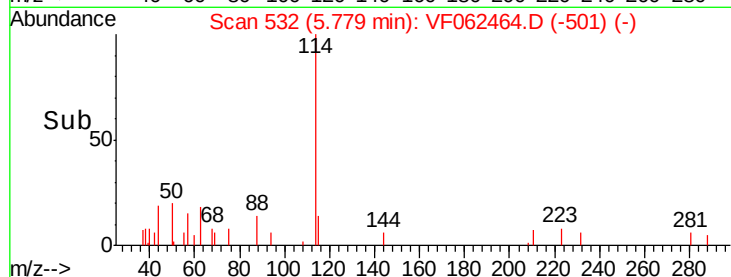
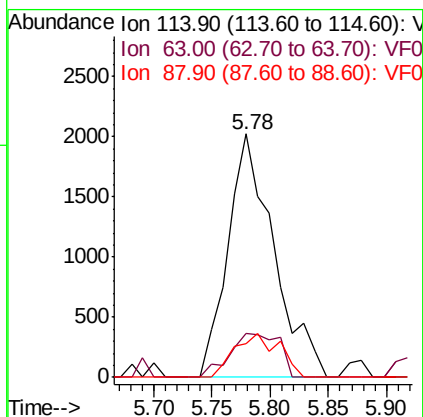
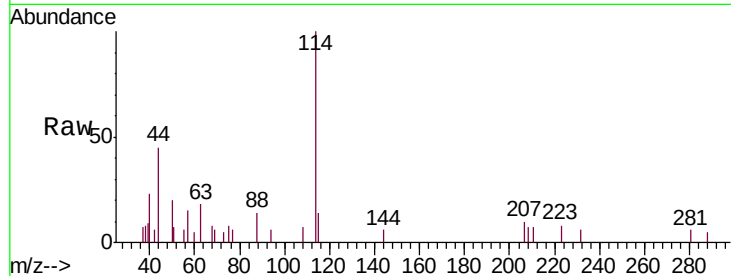




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VF062464.D
 Acq: 11 May 2019 17:08

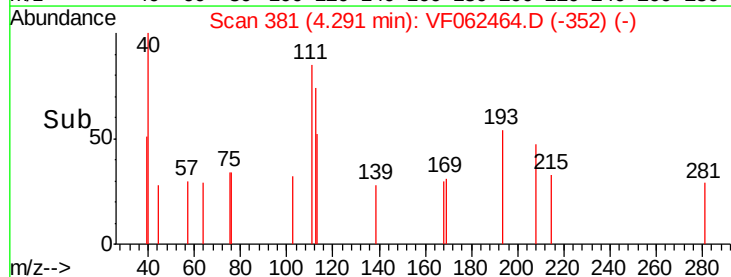
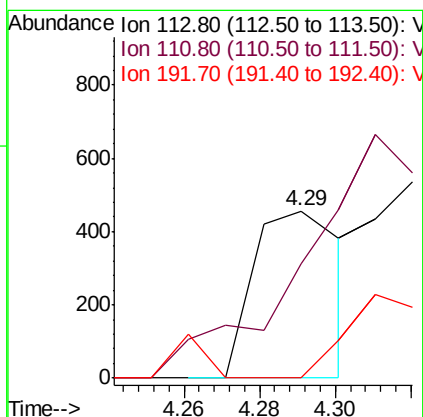
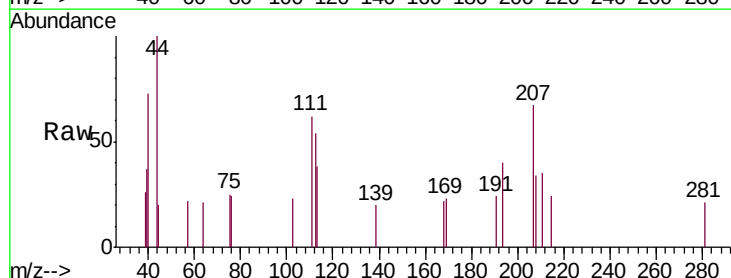
Instrument :
 MSVOA_F
 ClientSampleId :
 COMP-5.8.19RE

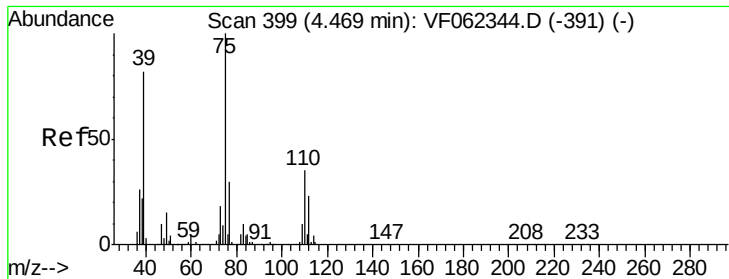
Tgt Ion:114 Resp: 5534
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 37.4
 88 14.1 0.0 36.4



#35
 Dibromofluoromethane
 Concen: 16.875 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VF062464.D
 Acq: 11 May 2019 17:08

Tgt Ion:113 Resp: 744
 Ion Ratio Lower Upper
 113 100
 111 242.6 79.4 119.0#
 192 41.8 16.0 24.0#





#36

1,1-Dichloropropene

Concen: 2.398 ug/l

RT: 4.48 min Scan# 400

Delta R.T. 0.01 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19RE

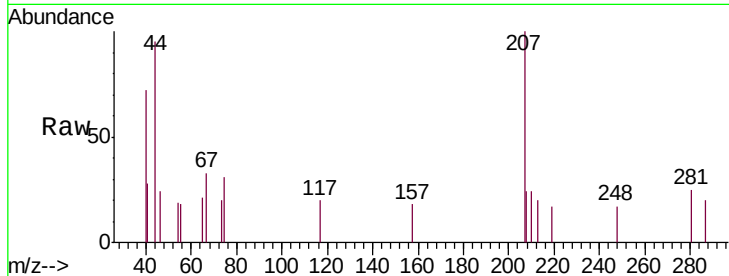
Tgt Ion: 75 Resp: 114

Ion Ratio Lower Upper

75 100

110 0.0 17.2 51.5#

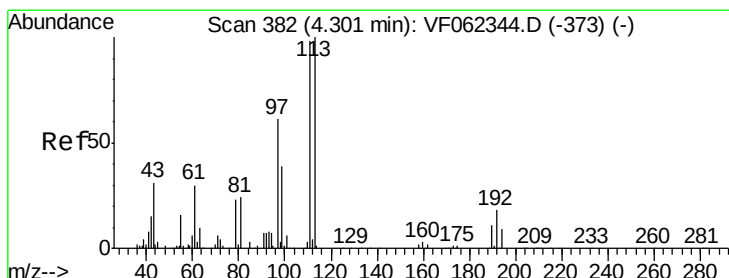
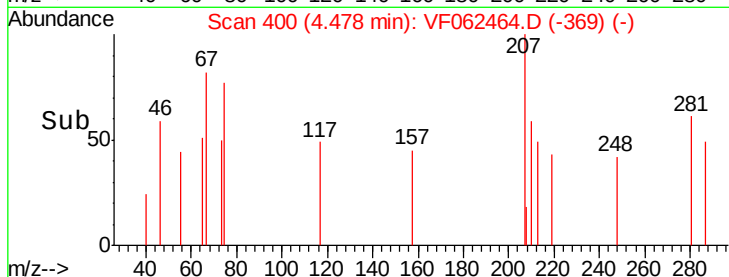
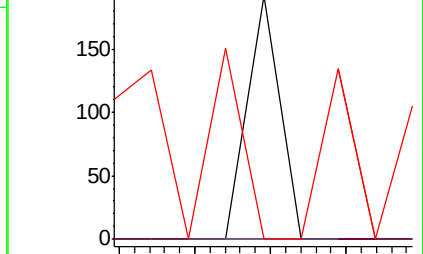
77 125.4 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 109.90 (109.60 to 110.60): VF0

Ion 76.90 (76.60 to 77.60): VF0



#37

Ethyl Acetate

Concen: 4.979 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

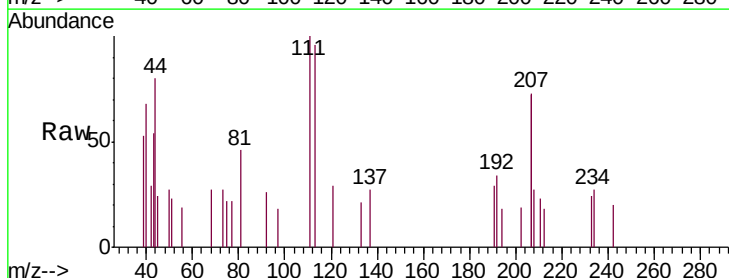
Tgt Ion: 43 Resp: 180

Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

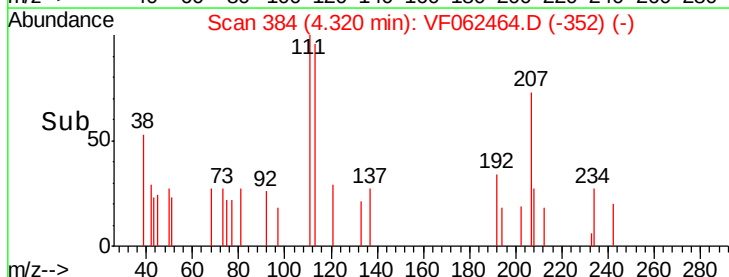
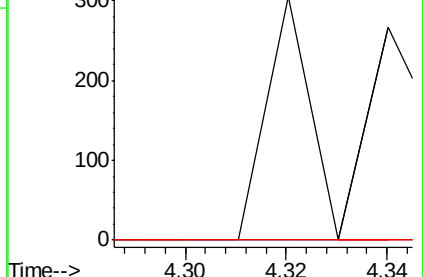
70 0.0 8.2 12.2#

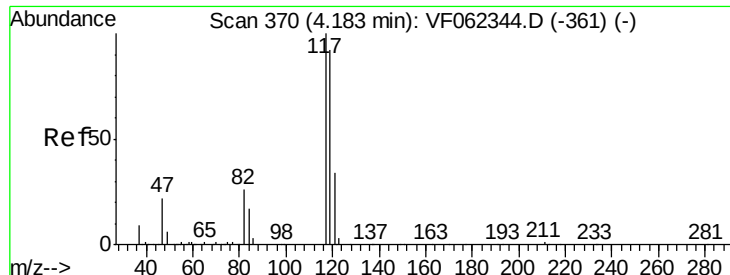


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 70.00 (69.70 to 70.70): VF0





#38

Carbon Tetrachloride

Concen: Below Cal

RT: 4.22 min Scan# 374

Delta R.T. 0.04 min

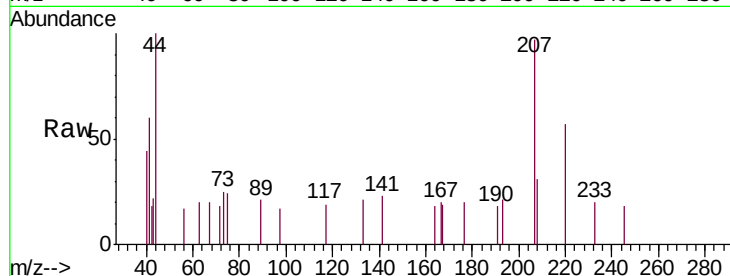
Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19RE

Tgt Ion: 117 Resp: 68

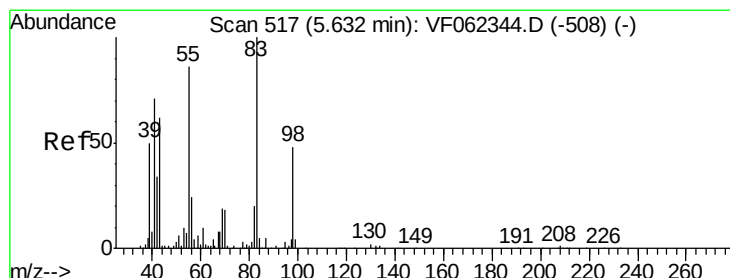
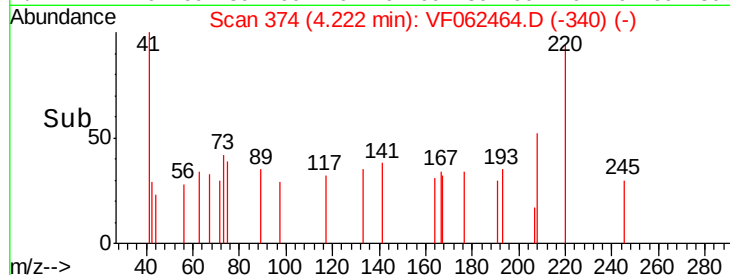
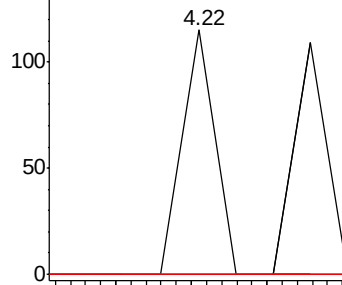
Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.4	110.2#
121	0.0	27.4	41.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.258 ug/l

RT: 5.45 min Scan# 499

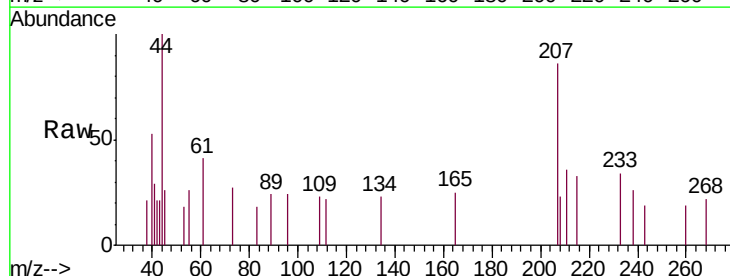
Delta R.T. -0.18 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Tgt Ion: 83 Resp: 60

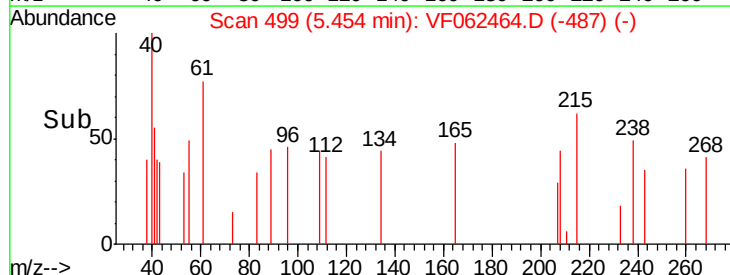
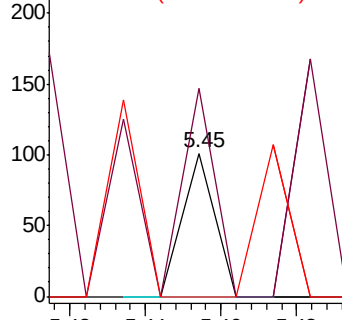
Ion	Ratio	Lower	Upper
83	100		
55	145.5	69.0	103.6#
98	0.0	38.6	58.0#

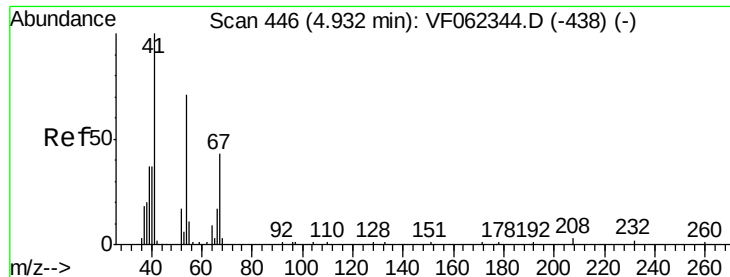


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#41

Methacrylonitrile

Concen: 11.141 ug/l

RT: 4.95 min Scan# 448

Delta R.T. 0.02 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19RE

Tgt Ion: 41 Resp: 127

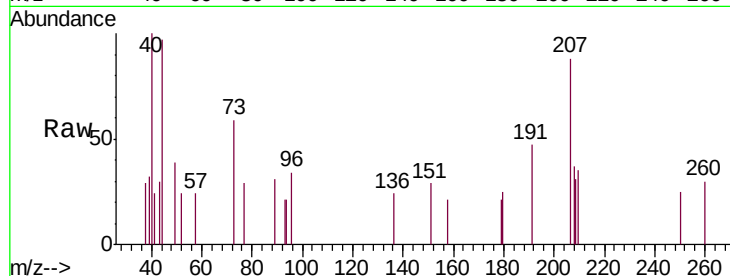
Ion Ratio Lower Upper

41 100

39 136.2 54.3 81.5#

67 0.0 37.8 56.8#

52 53.5 58.2 87.4#

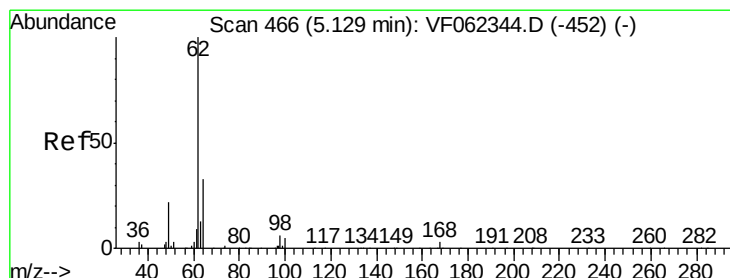
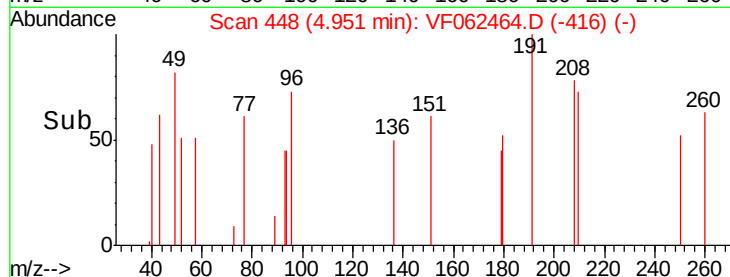
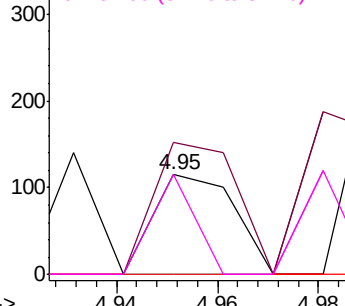


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 1.622 ug/l

RT: 5.20 min Scan# 473

Delta R.T. 0.07 min

Lab File: VF062464.D

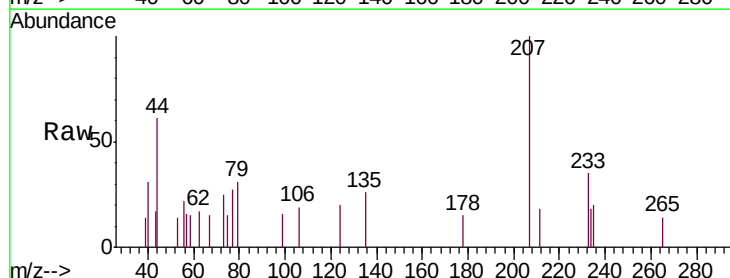
Acq: 11 May 2019 17:08

Tgt Ion: 62 Resp: 71

Ion Ratio Lower Upper

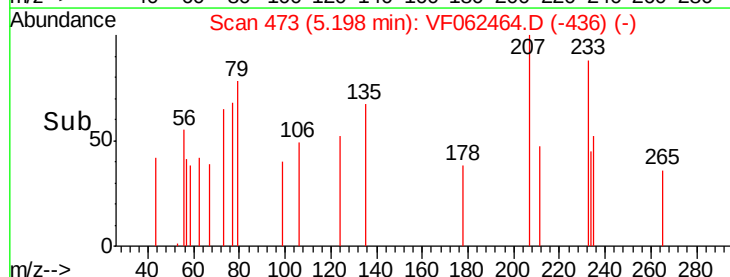
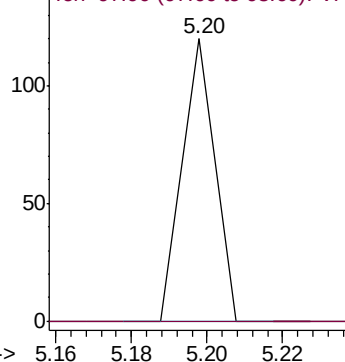
62 100

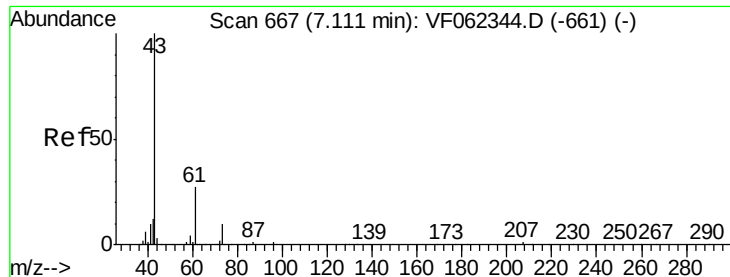
98 0.0 0.0 12.4



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0





#43

Isopropyl Acetate

Concen: 5.735 ug/l

RT: 7.13 min Scan# 669

Delta R.T. 0.02 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19RE

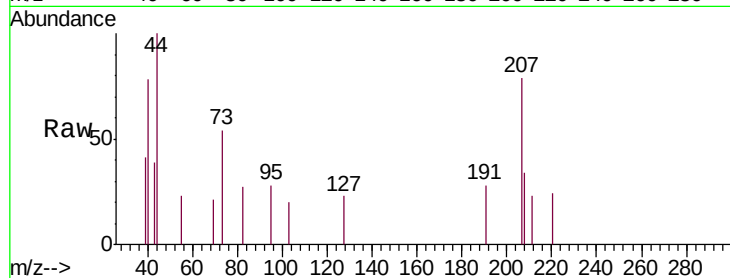
Tgt Ion: 43 Resp: 124

Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 0.6 1.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

7.13

250

200

150

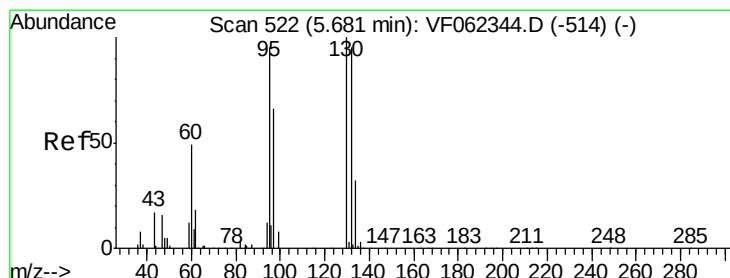
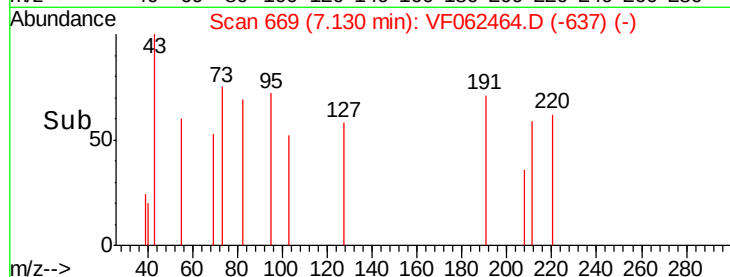
100

50

0

7.11 7.12 7.13 7.14

Time-->



#44

Trichloroethene

Concen: 1.664 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.11 min

Lab File: VF062464.D

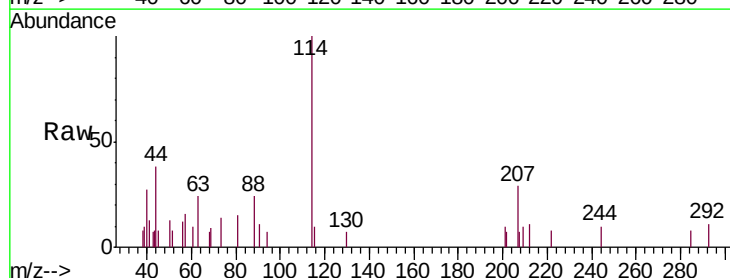
Acq: 11 May 2019 17:08

Tgt Ion: 130 Resp: 64

Ion Ratio Lower Upper

130 100

95 0.0 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VF0

5.79

120

100

80

60

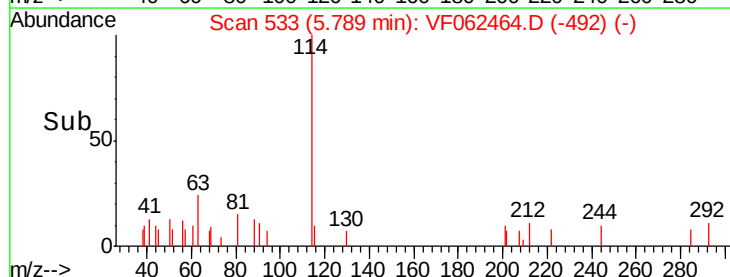
40

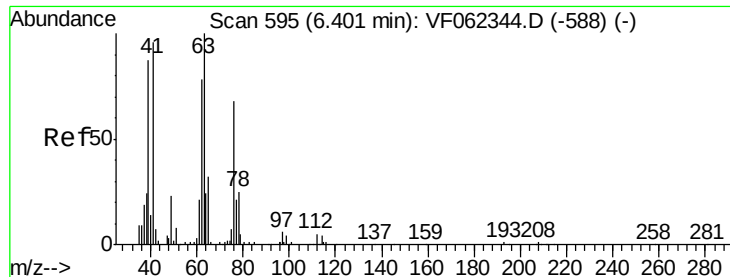
20

0

5.76 5.78 5.80 5.82

Time-->

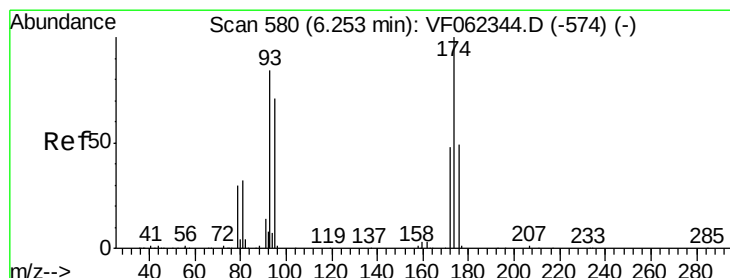
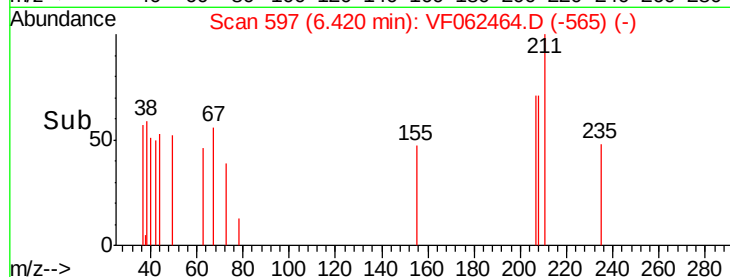
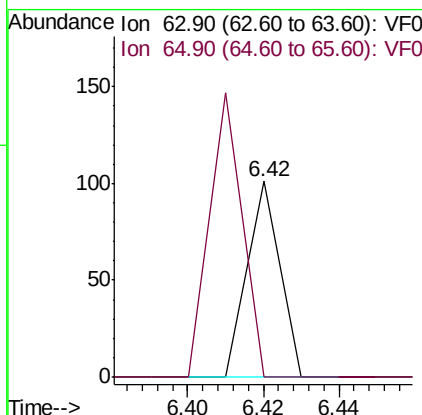
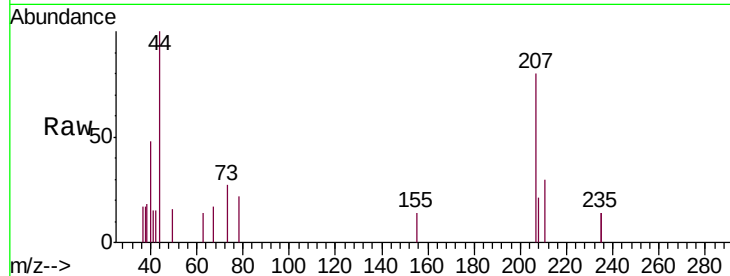




#45
 1,2-Dichloropropane
 Concen: 2.530 ug/l
 RT: 6.42 min Scan# 597
 Delta R.T. 0.02 min
 Lab File: VF062464.D
 Acq: 11 May 2019 17:08

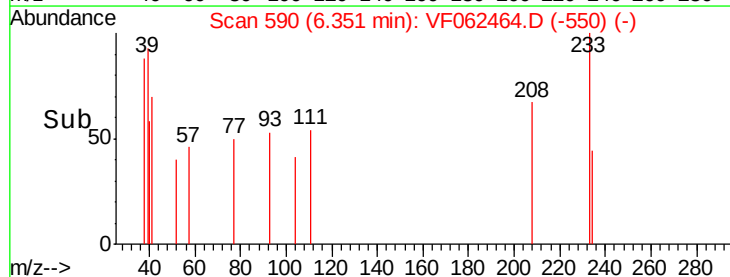
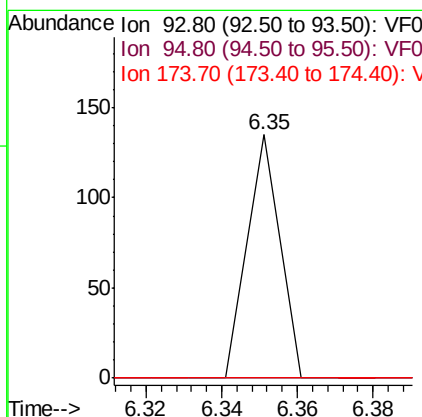
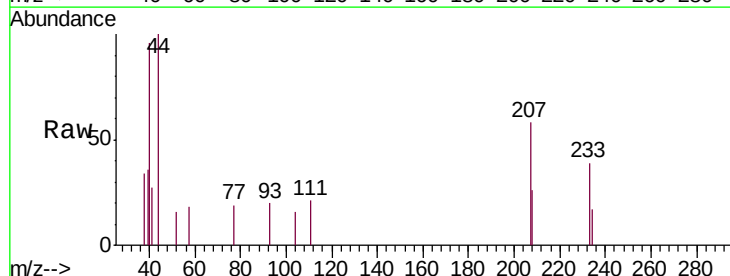
Instrument :
 MSVOA_F
 ClientSampleId :
 COMP-5.8.19RE

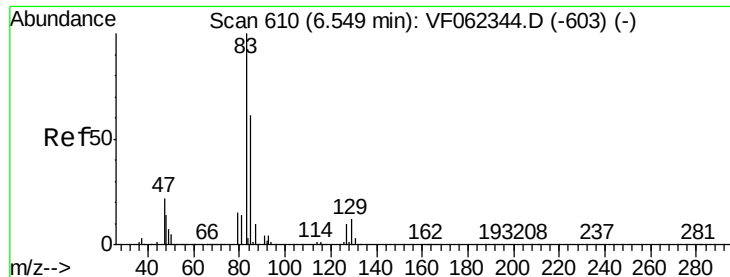
Tgt Ion: 63 Resp: 60
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.6 38.4#



#46
 Dibromomethane
 Concen: 4.069 ug/l
 RT: 6.35 min Scan# 590
 Delta R.T. 0.10 min
 Lab File: VF062464.D
 Acq: 11 May 2019 17:08

Tgt Ion: 93 Resp: 80
 Ion Ratio Lower Upper
 93 100
 95 0.0 68.4 102.6#
 174 0.0 99.6 149.4#





#47

Bromodichloromethane

Concen: 1.424 ug/l

RT: 6.57 min Scan# 612

Delta R.T. 0.02 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19RE

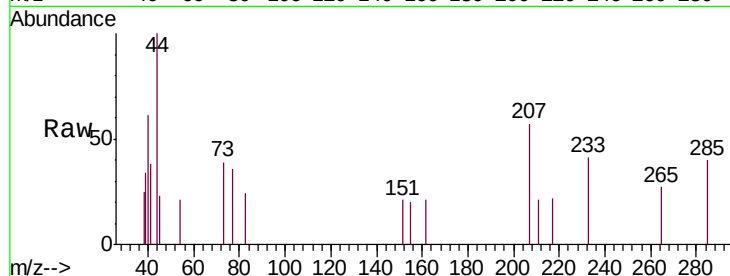
Tgt Ion: 83 Resp: 70

Ion Ratio Lower Upper

83 100

85 0.0 49.1 73.7#

127 0.0 7.8 11.8#



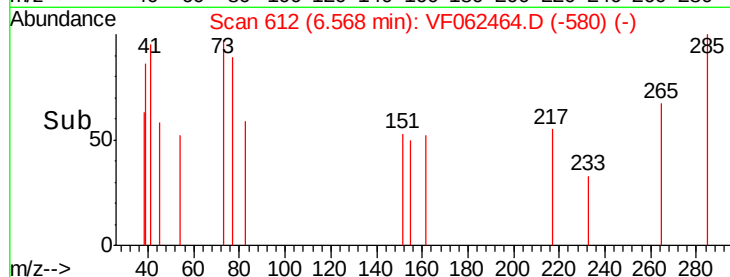
Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

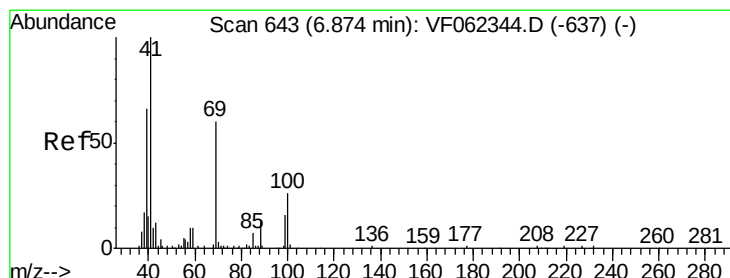
Ion 126.80 (126.50 to 127.50): V

6.57

6.56 6.58



Time-->



#48

Methyl methacrylate

Concen: 19.043 ug/l

RT: 6.92 min Scan# 648

Delta R.T. 0.05 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

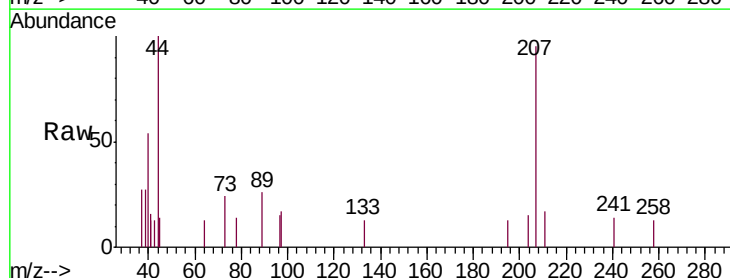
Tgt Ion: 41 Resp: 291

Ion Ratio Lower Upper

41 100

69 21.6 48.6 72.8#

39 0.0 56.1 84.1#



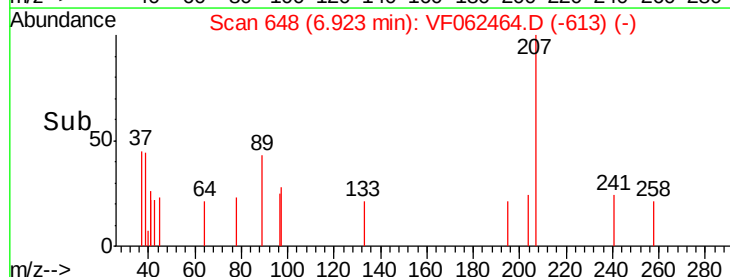
Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

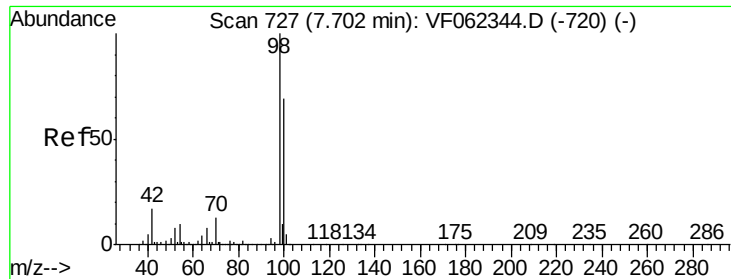
Ion 39.00 (38.70 to 39.70): VF0

6.92

6.88 6.90 6.94



Time-->



#50

Toluene-d8

Concen: 32.036 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

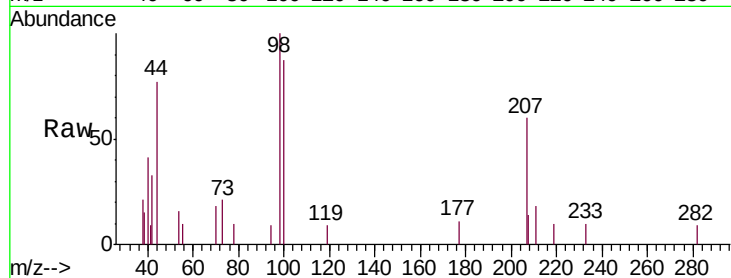
COMP-5.8.19RE

Tgt Ion: 98 Resp: 3419

Ion Ratio Lower Upper

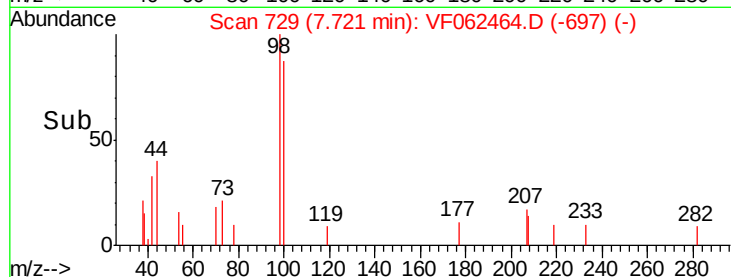
98 100

100 65.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

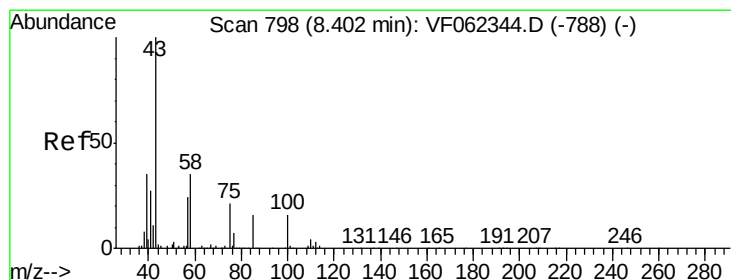


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->



#51

4-Methyl-2-Pentanone

Concen: 9.033 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.00 min

Lab File: VF062464.D

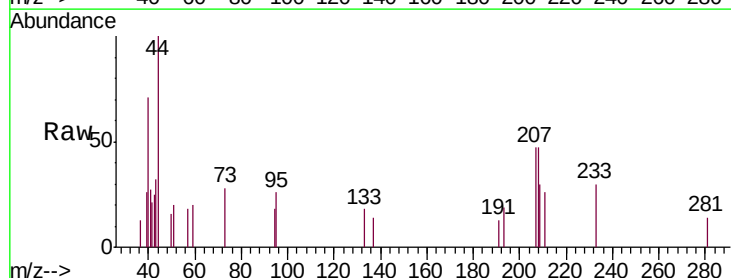
Acq: 11 May 2019 17:08

Tgt Ion: 43 Resp: 148

Ion Ratio Lower Upper

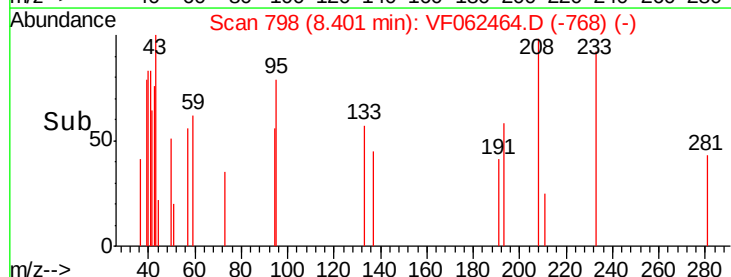
43 100

58 0.0 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

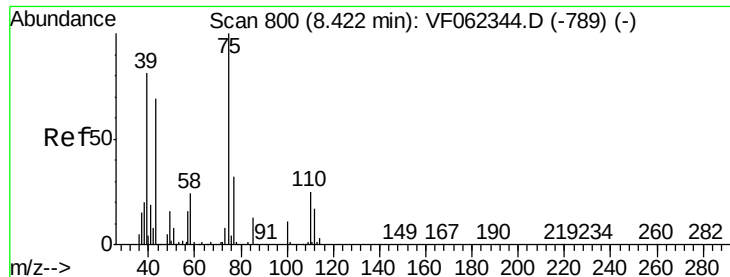


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->



#53

t-1,3-Dichloropropene

Concen: 1.883 ug/l

RT: 8.43 min Scan# 801

Delta R.T. 0.01 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

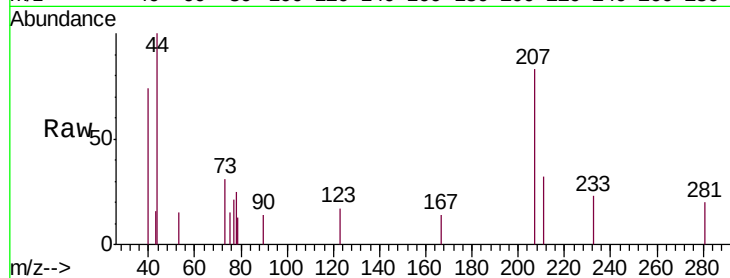
COMP-5.8.19RE

Tgt Ion: 75 Resp: 70

Ion Ratio Lower Upper

75 100

77 142.4 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0

200

150

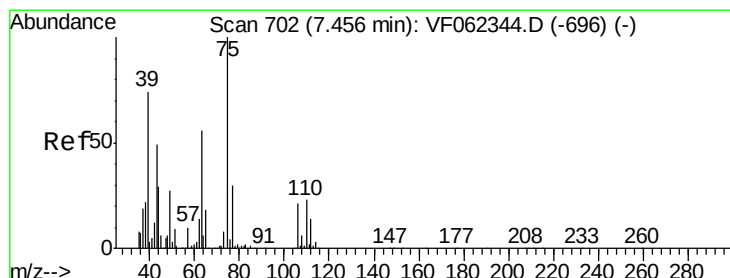
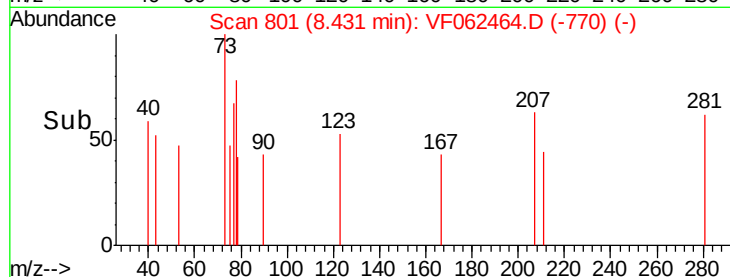
100

50

0

8.40 8.42 8.44 8.46

Time-->



#54

cis-1,3-Dichloropropene

Concen: 3.606 ug/l

RT: 7.48 min Scan# 705

Delta R.T. 0.03 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

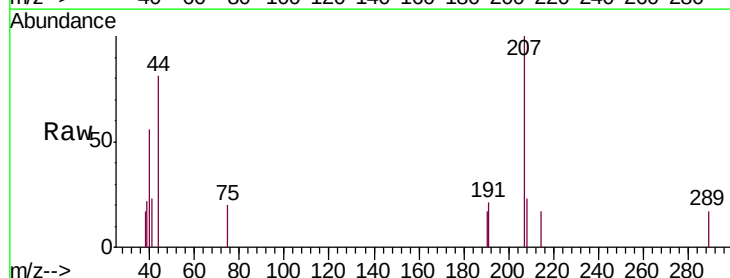
Tgt Ion: 75 Resp: 156

Ion Ratio Lower Upper

75 100

77 0.0 24.0 36.0#

39 0.0 58.7 88.1#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0

Ion 39.00 (38.70 to 39.70): VF0

300

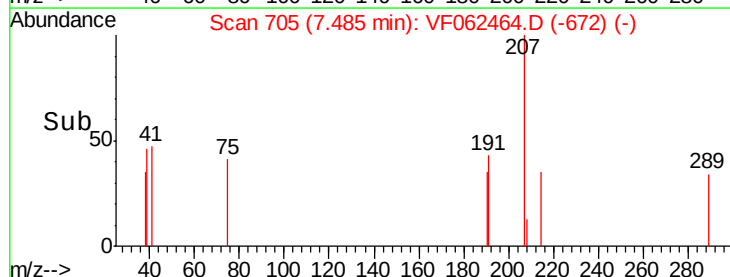
200

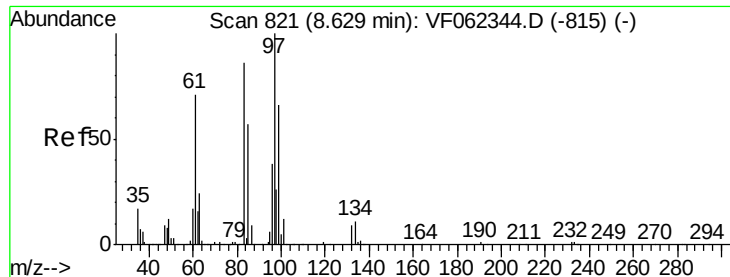
100

0

7.46 7.48 7.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 3.756 ug/l

RT: 8.63 min Scan# 821

Delta R.T. -0.00 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

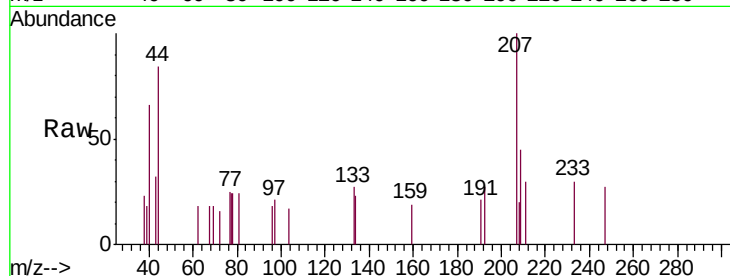
Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19RE

Tgt Ion:	97	Resp:	77
Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.5	102.7#
85	0.0	45.4	68.2#
99	0.0	52.7	79.1#

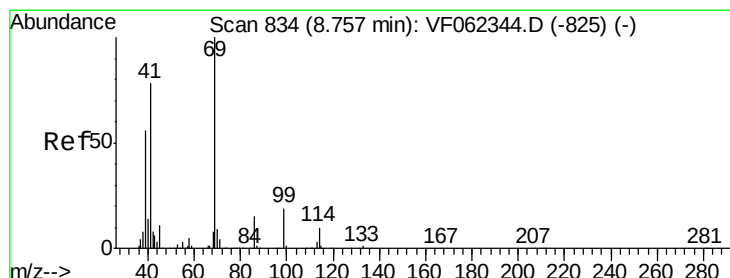
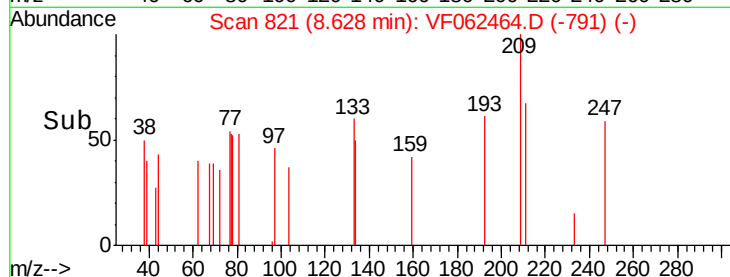
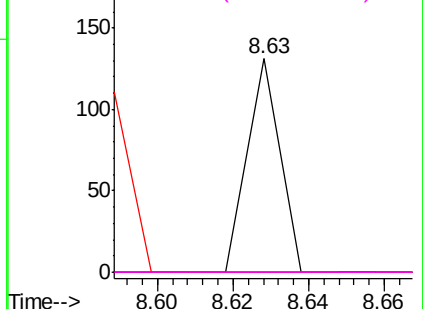


Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



#56

Ethyl methacrylate

Concen: 3.050 ug/l

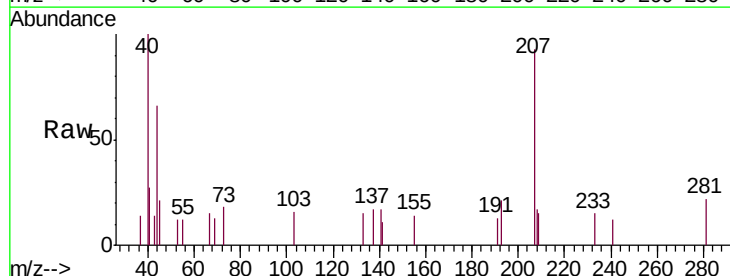
RT: 8.78 min Scan# 836

Delta R.T. 0.02 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

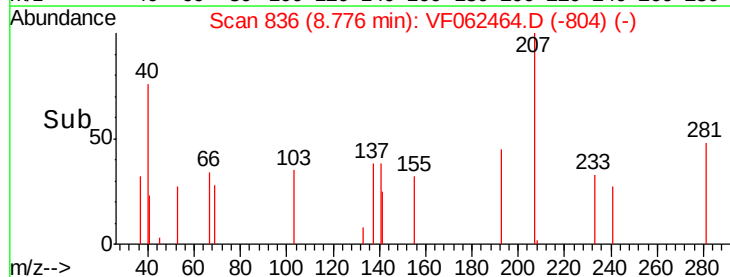
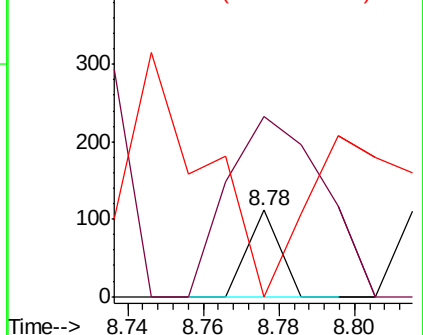
Tgt Ion:	69	Resp:	66
Ion	Ratio	Lower	Upper
69	100		
41	621.2	66.3	99.5#
39	781.8	50.1	75.1#

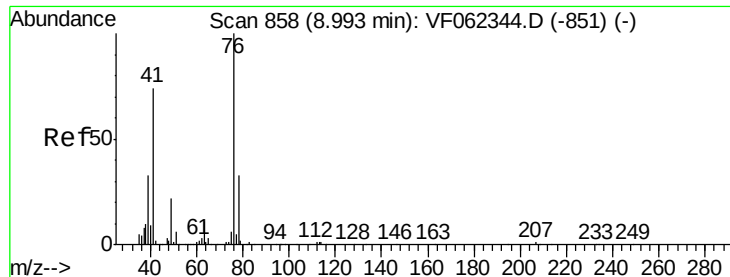


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 2.164 ug/l

RT: 9.06 min Scan# 865

Delta R.T. 0.07 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

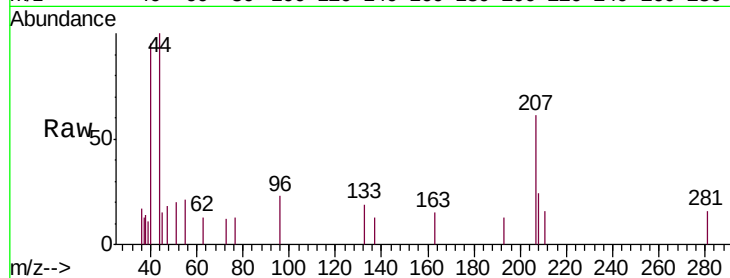
COMP-5.8.19RE

Tgt Ion: 76 Resp: 67

Ion Ratio Lower Upper

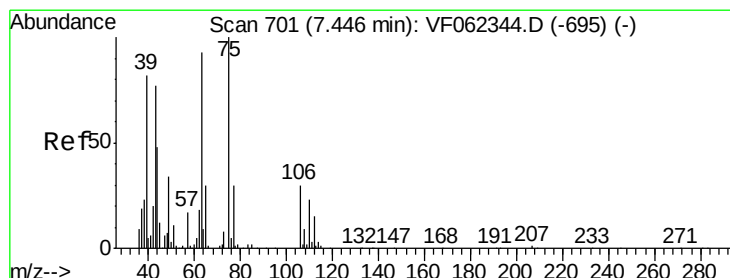
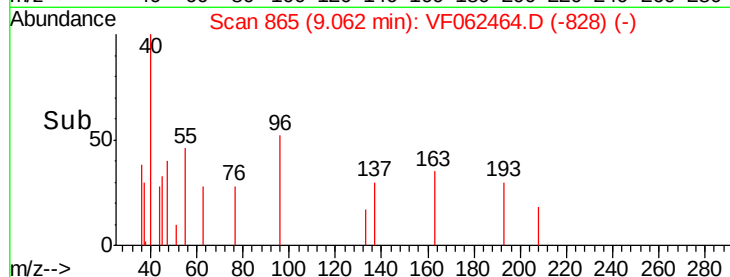
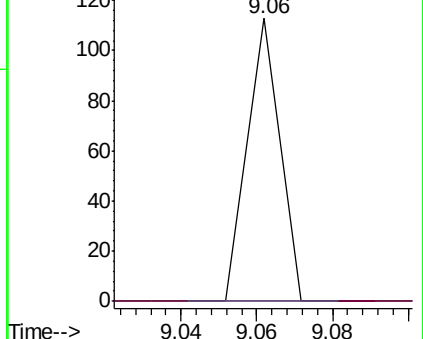
76 100

78 0.0 26.4 39.6#



Abundance Ion 75.90 (75.60 to 76.60): VF0

Ion 77.90 (77.60 to 78.60): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 10.451 ug/l

RT: 7.43 min Scan# 699

Delta R.T. -0.02 min

Lab File: VF062464.D

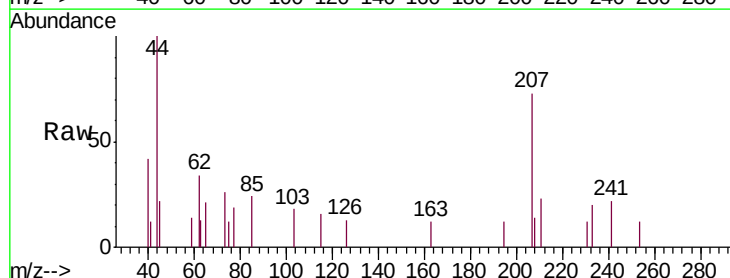
Acq: 11 May 2019 17:08

Tgt Ion: 63 Resp: 68

Ion Ratio Lower Upper

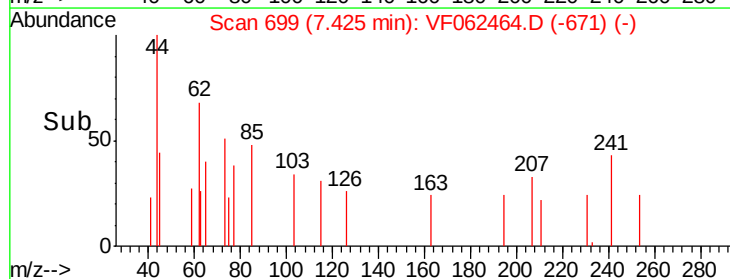
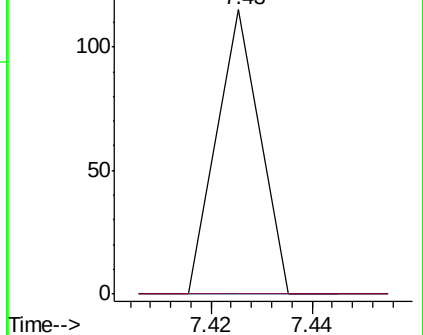
63 100

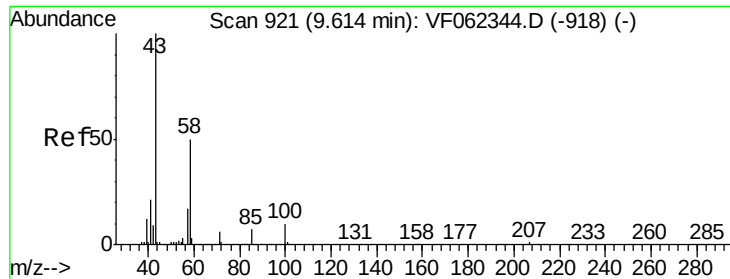
106 0.0 25.8 38.8#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 105.90 (105.60 to 106.60): V

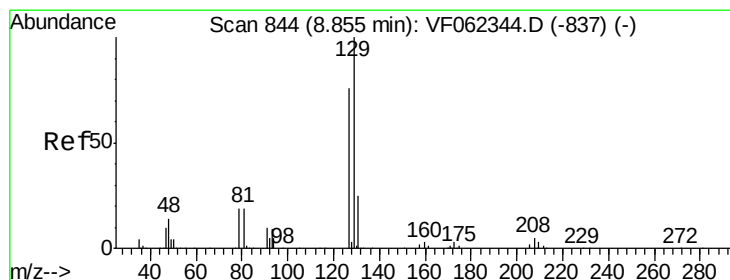
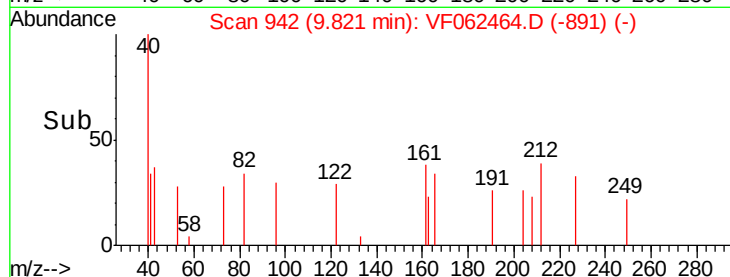
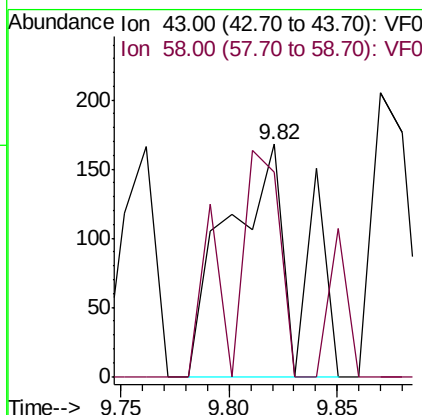
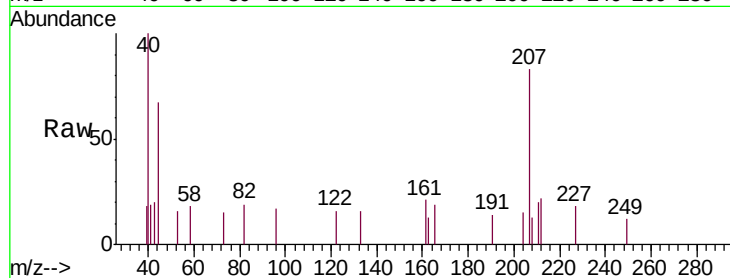




#59
2-Hexanone
Concen: 33.799 ug/l
RT: 9.82 min Scan# 942
Delta R.T. 0.21 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

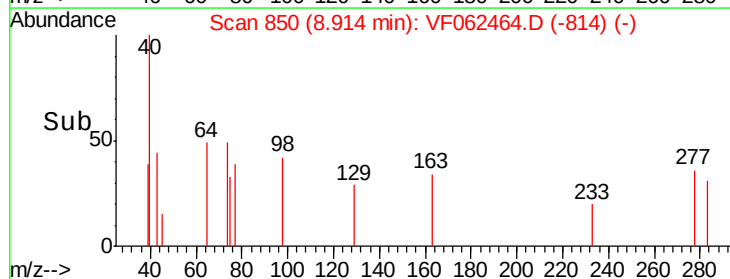
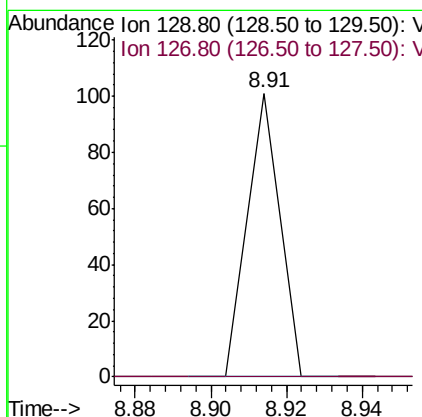
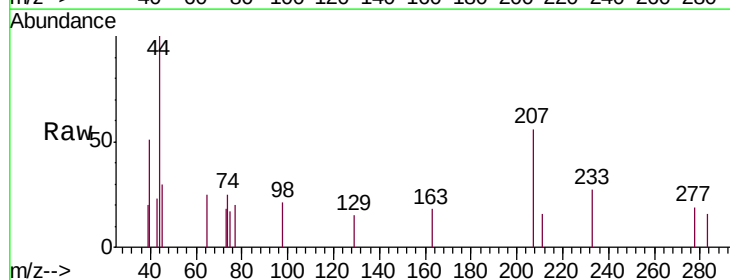
Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19RE

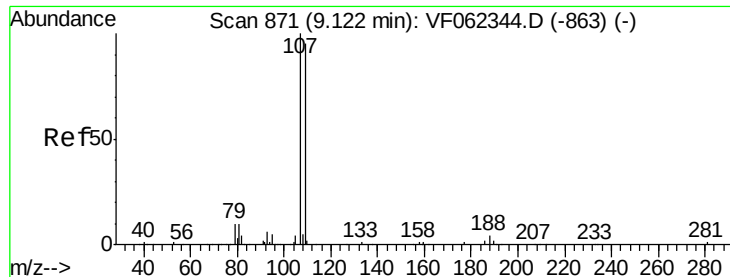
Tgt Ion: 43 Resp: 383
Ion Ratio Lower Upper
43 100
58 67.4 24.3 73.0



#60
Dibromochloromethane
Concen: 1.789 ug/l
RT: 8.91 min Scan# 850
Delta R.T. 0.06 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

Tgt Ion: 129 Resp: 60
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#





#61

1,2-Dibromoethane

Concen: 3.528 ug/l

RT: 9.17 min Scan# 876

Delta R.T. 0.05 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

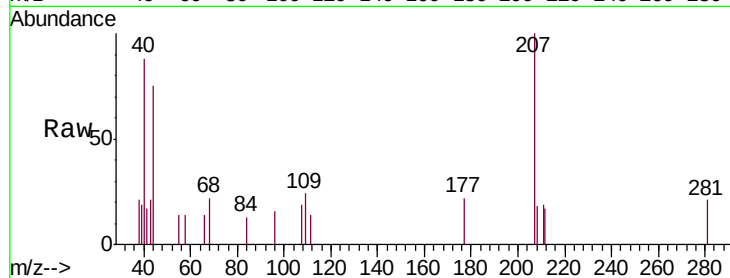
COMP-5.8.19RE

Tgt Ion: 107 Resp: 85

Ion Ratio Lower Upper

107 100

109 128.2 75.2 112.8#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.17

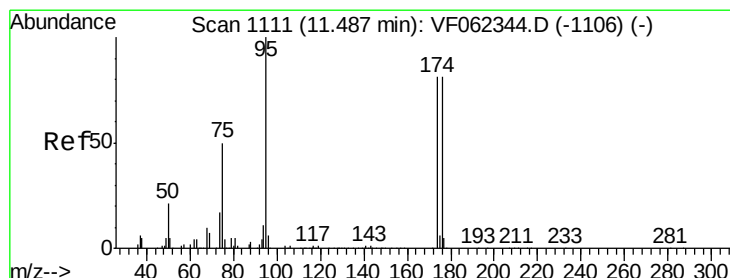
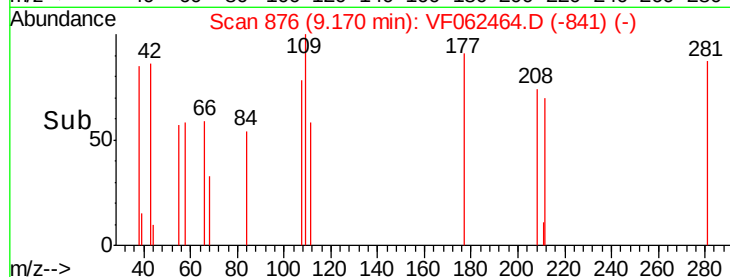
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 5.670 ug/l

RT: 11.52 min Scan# 1114

Delta R.T. 0.03 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

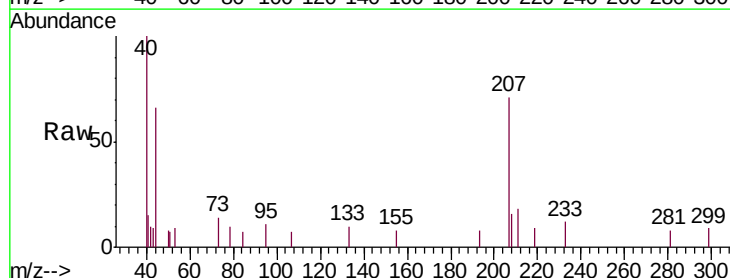
Tgt Ion: 95 Resp: 273

Ion Ratio Lower Upper

95 100

174 0.0 0.0 191.8

176 0.0 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.52

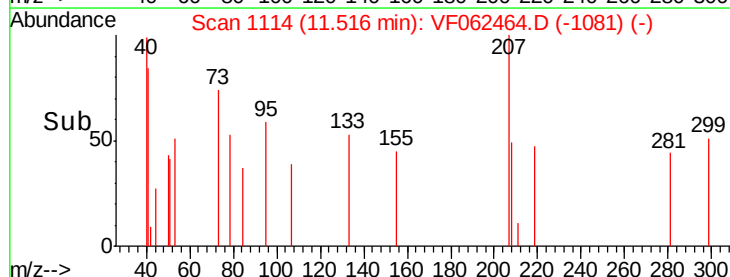
150

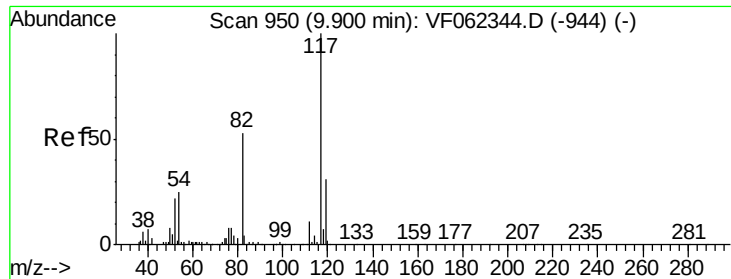
100

50

0

Time-->

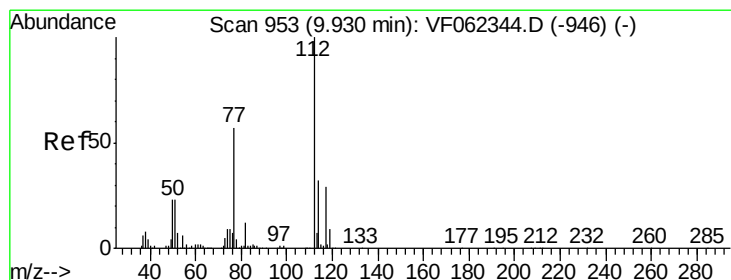
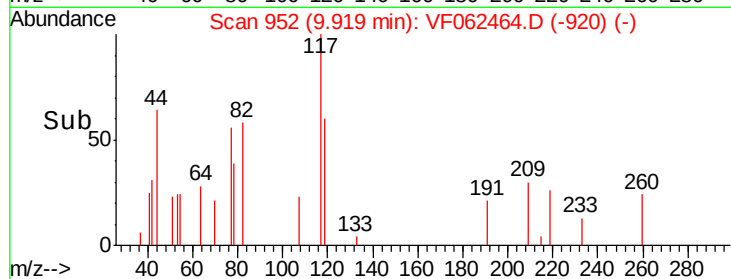
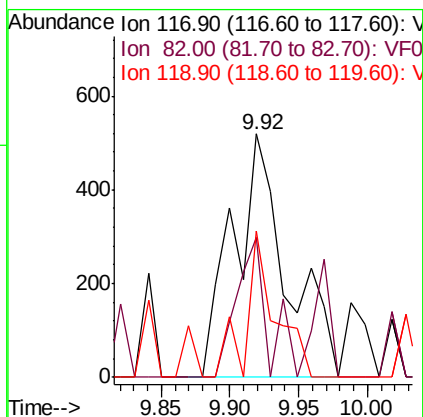
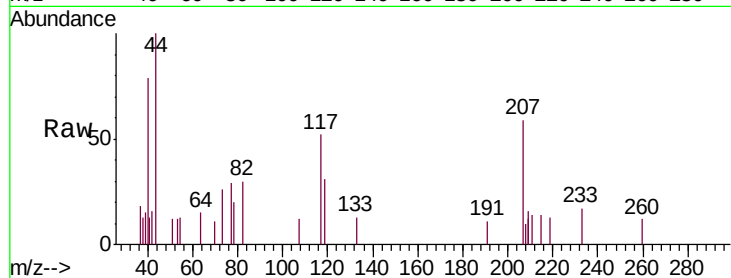




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

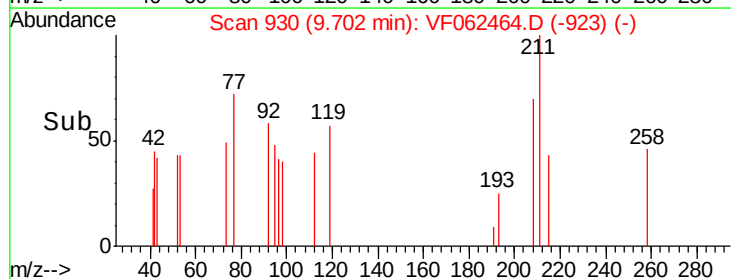
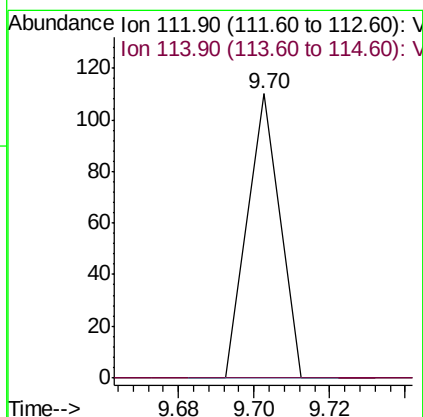
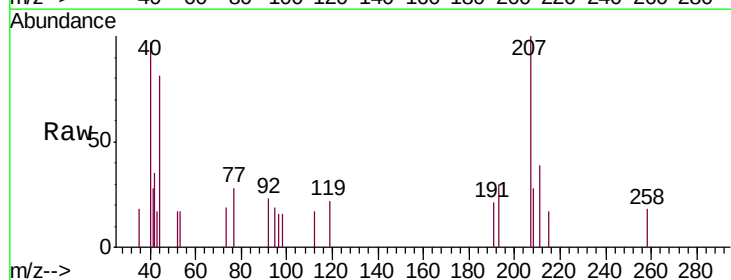
Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19RE

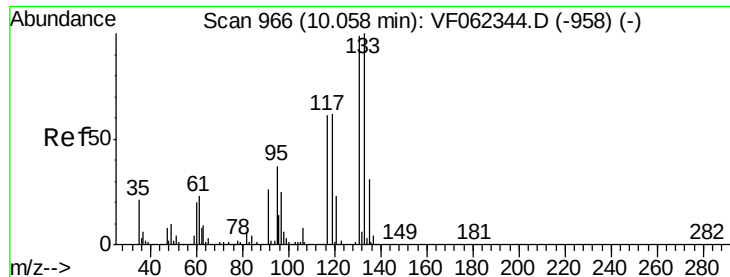
Tgt Ion:117 Resp: 1408
Ion Ratio Lower Upper
117 100
82 57.6 42.2 63.2
119 59.9 25.0 37.4#



#65
Chlorobenzene
Concen: 2.790 ug/l
RT: 9.70 min Scan# 930
Delta R.T. -0.23 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

Tgt Ion:112 Resp: 65
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.0#





#66

1,1,1,2-Tetrachloroethane

Concen: 5.105 ug/l

RT: 10.00 min Scan# 960

Delta R.T. -0.06 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19RE

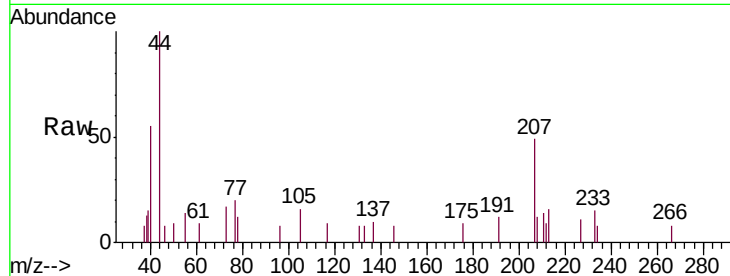
Tgt Ion:131 Resp: 60

Ion Ratio Lower Upper

131 100

133 338.3 50.2 150.7#

119 0.0 31.6 95.0#



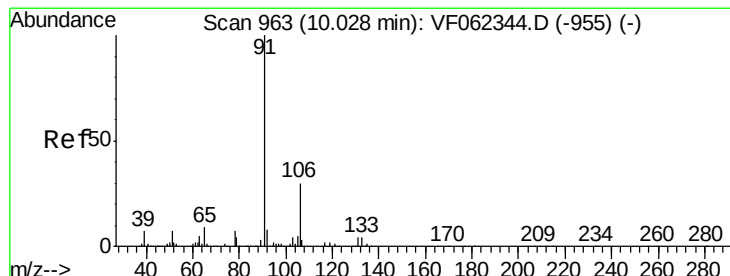
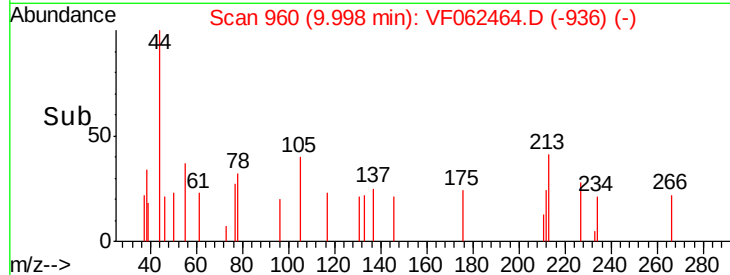
Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.00

Time-->



#67

Ethyl Benzene

Concen: 1.593 ug/l

RT: 10.15 min Scan# 975

Delta R.T. 0.12 min

Lab File: VF062464.D

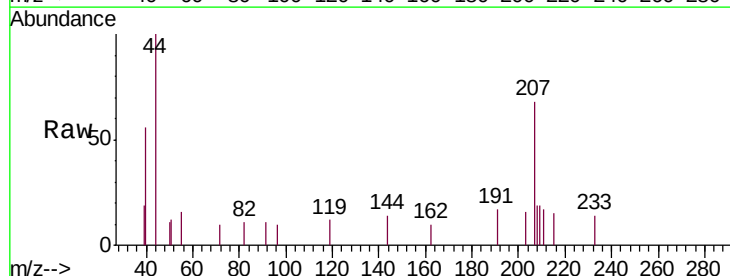
Acq: 11 May 2019 17:08

Tgt Ion: 91 Resp: 65

Ion Ratio Lower Upper

91 100

106 0.0 24.1 36.1#

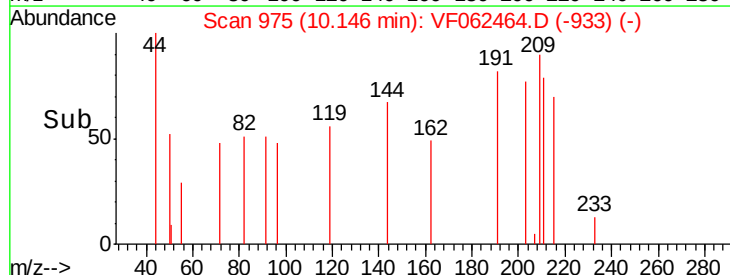


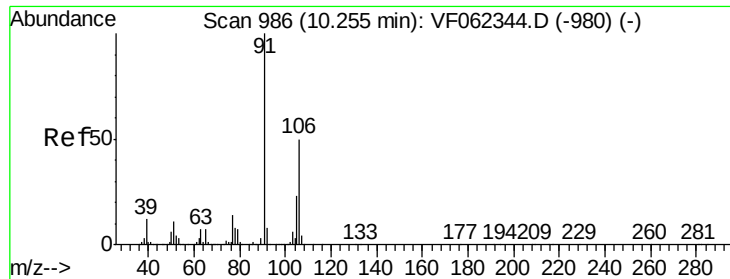
Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

10.15

Time-->

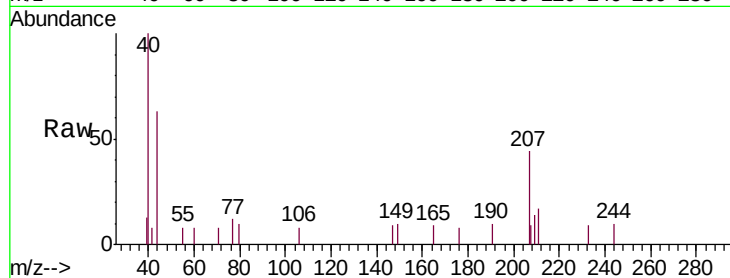




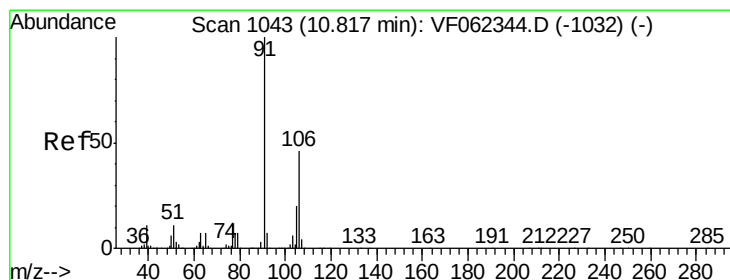
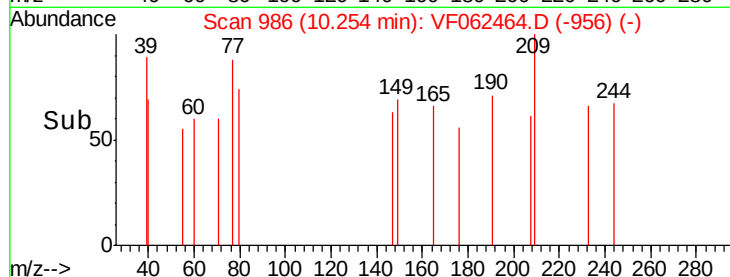
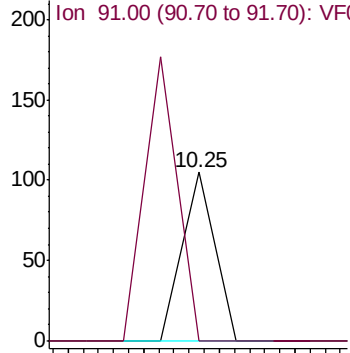
#68
m/p-Xylenes
Concen: 4.119 ug/l
RT: 10.25 min Scan# 986
Delta R.T. -0.00 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19RE

Tgt Ion:106 Resp: 62
Ion Ratio Lower Upper
106 100
91 169.4 167.4 251.2

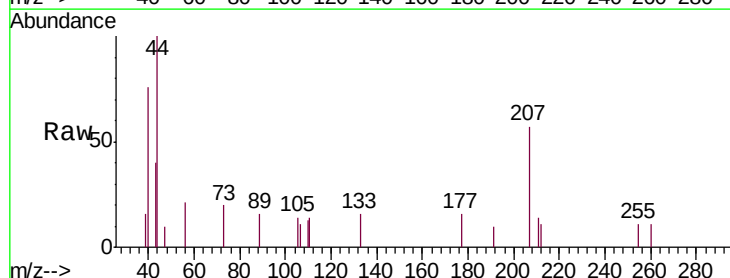


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

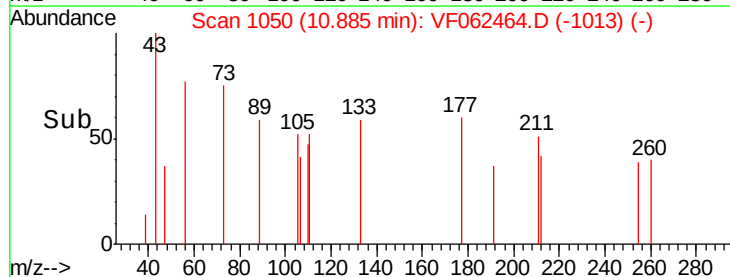
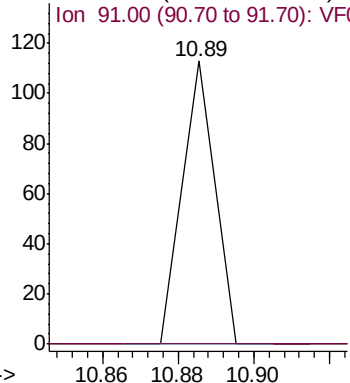


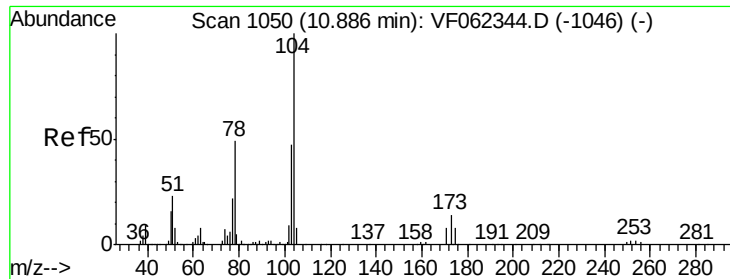
#69
o-Xylene
Concen: 4.119 ug/l
RT: 10.89 min Scan# 1050
Delta R.T. 0.07 min
Lab File: VF062464.D
Acq: 11 May 2019 17:08

Tgt Ion:106 Resp: 67
Ion Ratio Lower Upper
106 100
91 0.0 111.3 333.8#



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





#70

Styrene

Concen: 2.626 ug/l

RT: 11.01 min Scan# 1063

Delta R.T. 0.13 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampled :

COMP-5.8.19RE

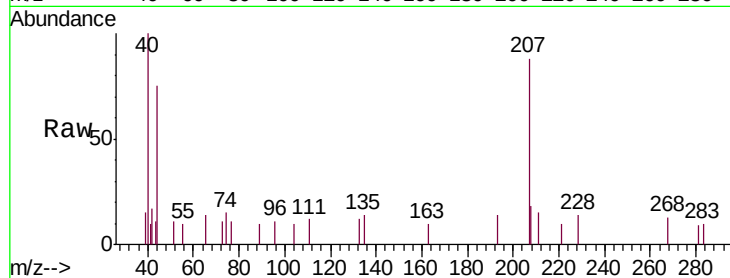
Tgt Ion:104 Resp: 64

Ion Ratio Lower Upper

104 100

78 164.1 39.5 59.3#

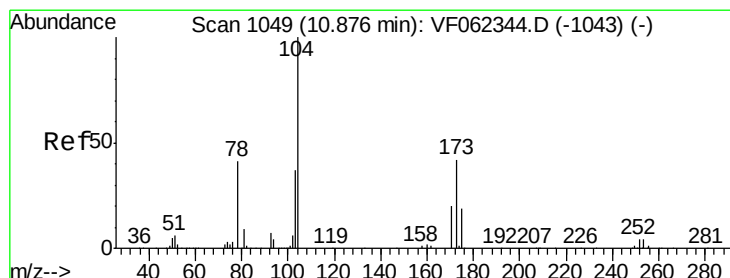
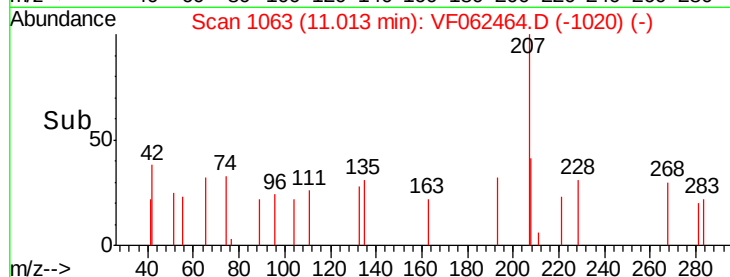
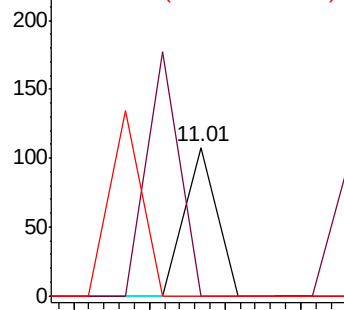
103 125.0 38.4 57.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 9.319 ug/l

RT: 10.79 min Scan# 1040

Delta R.T. -0.09 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

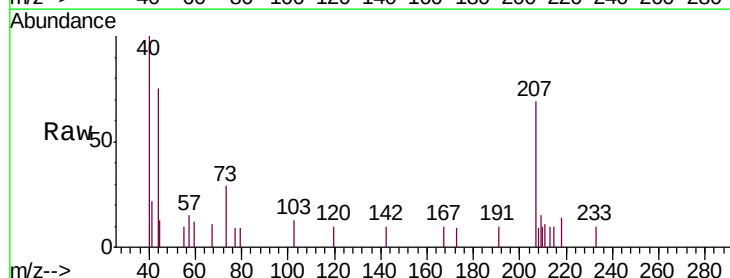
Tgt Ion:173 Resp: 60

Ion Ratio Lower Upper

173 100

175 0.0 23.8 71.2#

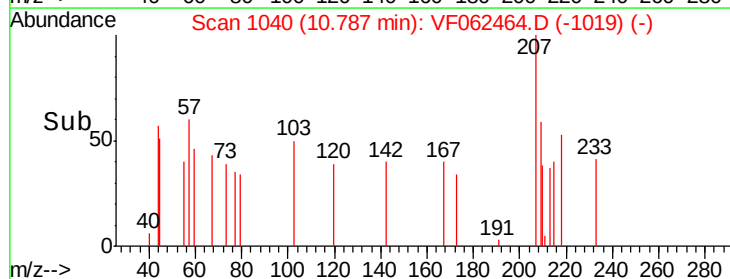
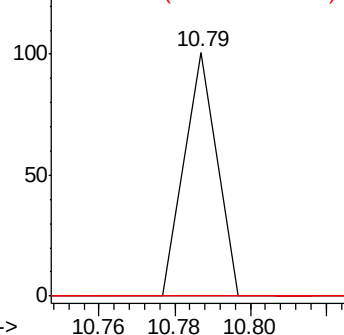
254 0.0 0.1 0.1#

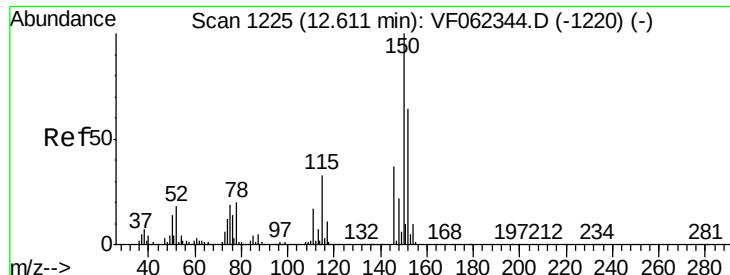


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.70 min Scan# 1234

Delta R.T. 0.09 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19RE

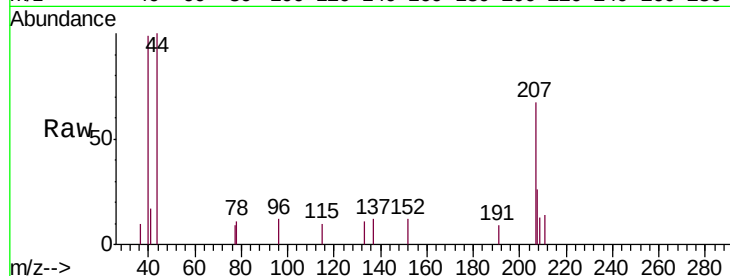
Tgt Ion:152 Resp: 76

Ion Ratio Lower Upper

152 100

115 84.2 26.4 79.2#

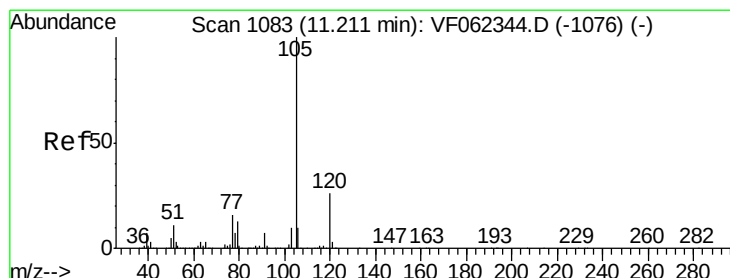
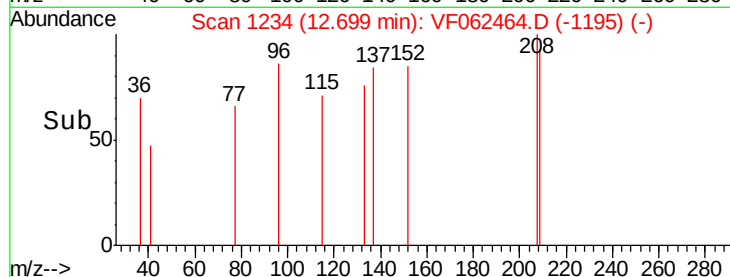
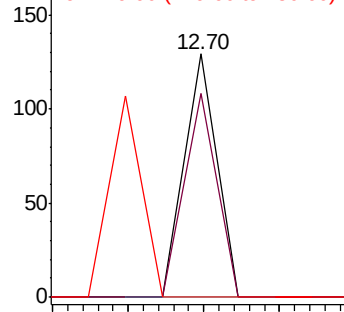
150 82.9 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 28.853 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VF062464.D

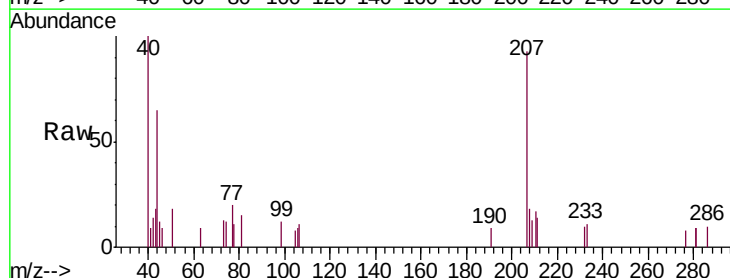
Acq: 11 May 2019 17:08

Tgt Ion:105 Resp: 130

Ion Ratio Lower Upper

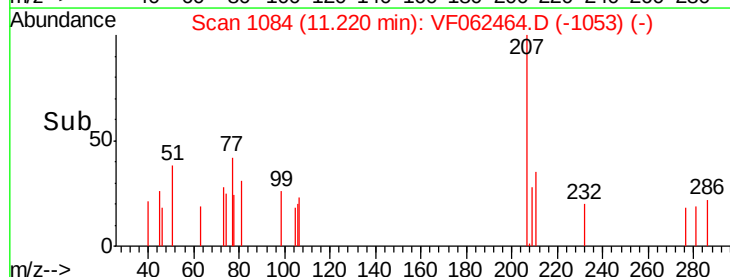
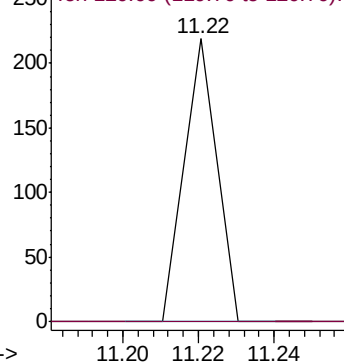
105 100

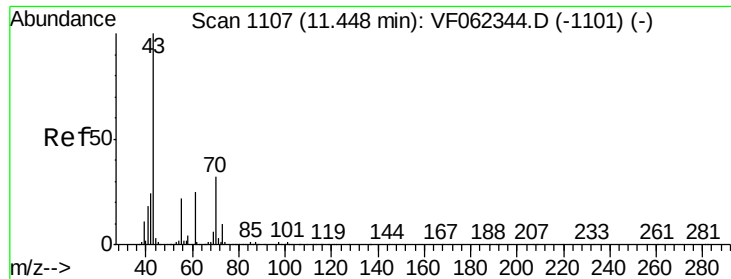
120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 209.866 ug/l

RT: 11.44 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

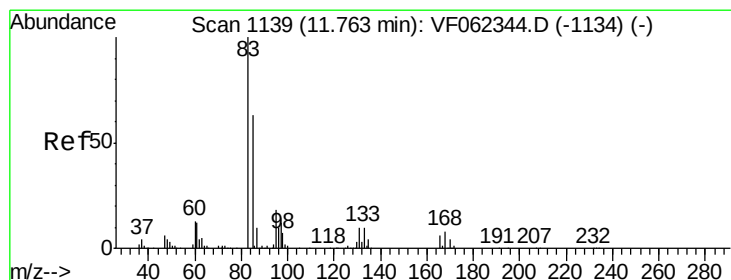
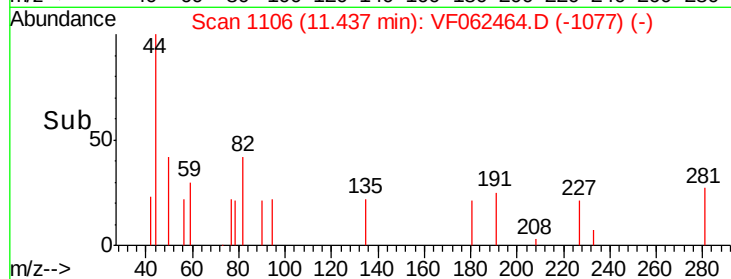
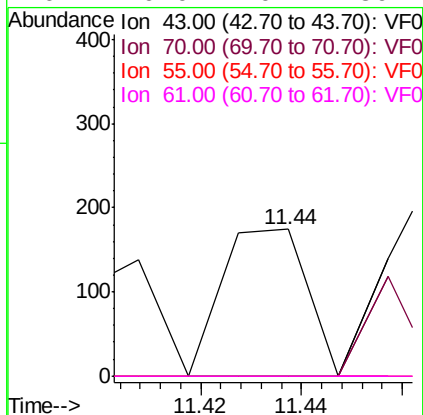
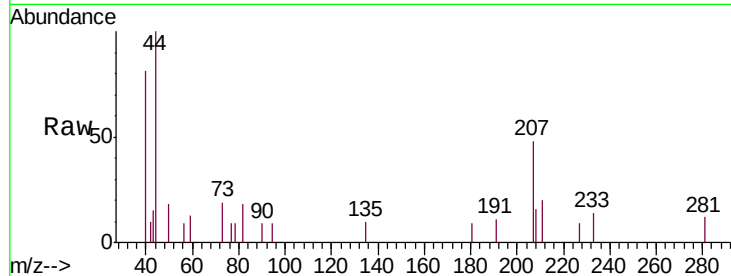
Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19RE

Tgt Ion:	43	Resp:	203
Ion	Ratio	Lower	Upper
43	100		
70	34.5	26.5	39.7
55	0.0	17.8	26.6#
61	0.0	20.2	30.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 123.324 ug/l

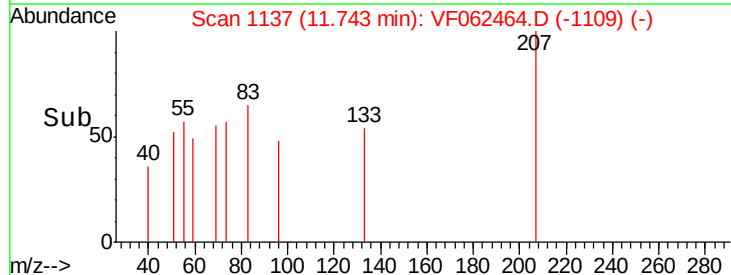
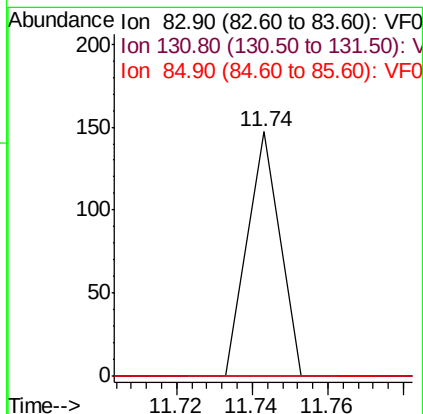
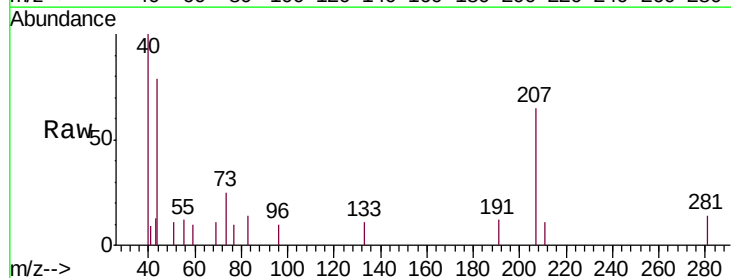
RT: 11.74 min Scan# 1137

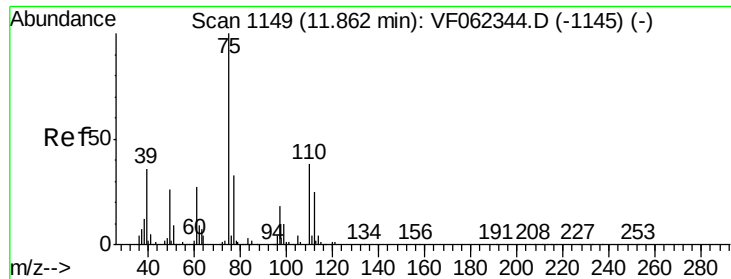
Delta R.T. -0.02 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Tgt Ion:	83	Resp:	87
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.8	17.4#
85	0.0	35.3	105.7#

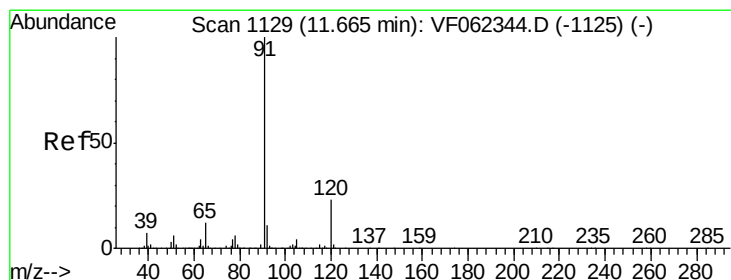
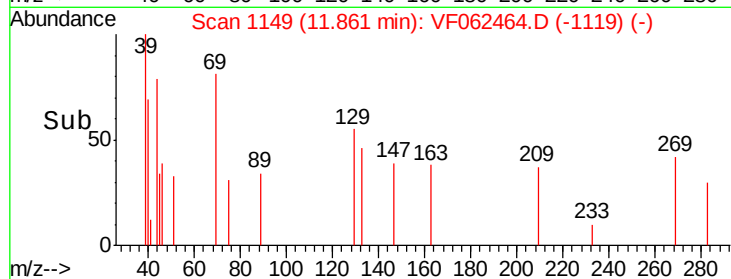
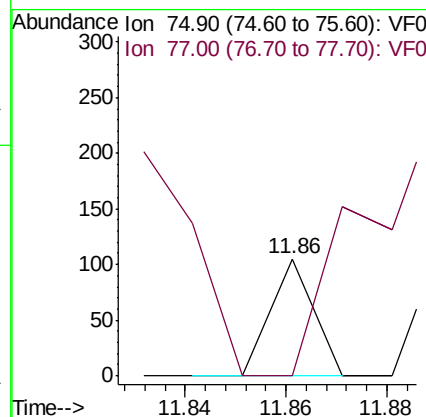
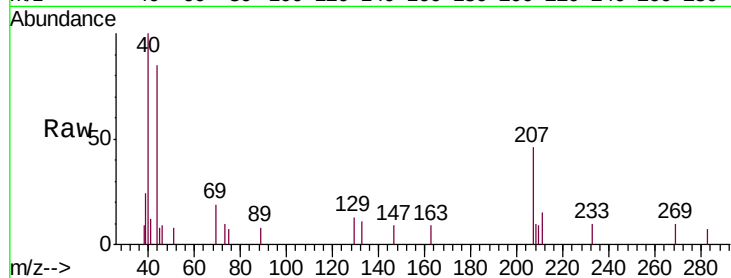




#76
 1,2,3-Trichloropropane
 Concen: 115.194 ug/l
 RT: 11.86 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VF062464.D
 Acq: 11 May 2019 17:08

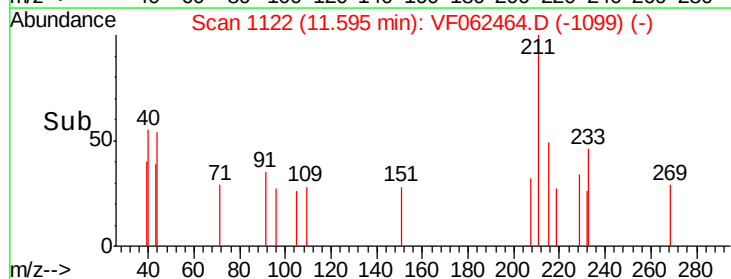
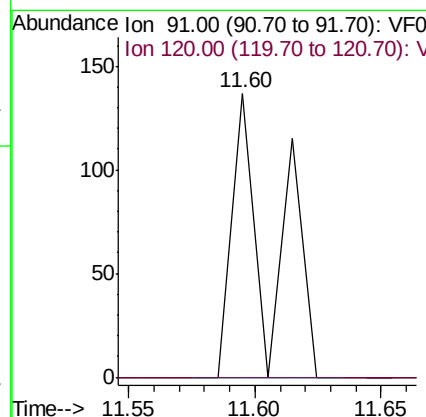
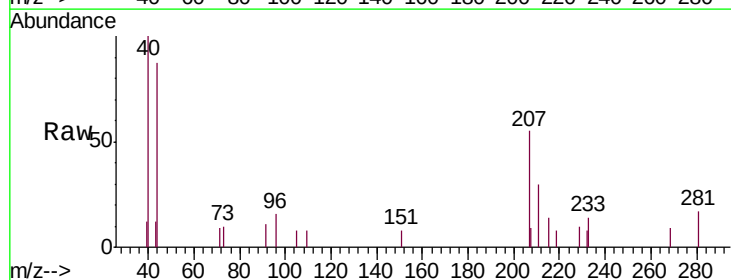
Instrument :
 MSVOA_F
 ClientSampleId :
 COMP-5.8.19RE

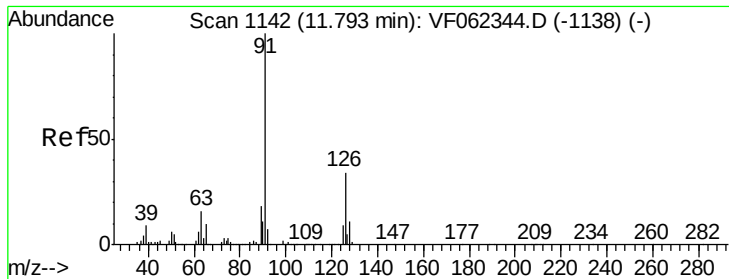
Tgt Ion: 75 Resp: 62
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#78
 n-propylbenzene
 Concen: 31.062 ug/l
 RT: 11.60 min Scan# 1122
 Delta R.T. -0.07 min
 Lab File: VF062464.D
 Acq: 11 May 2019 17:08

Tgt Ion: 91 Resp: 149
 Ion Ratio Lower Upper
 91 100
 120 0.0 11.9 35.5#





#79

2-Chlorotoluene

Concen: 36.208 ug/l

RT: 11.83 min Scan# 1146

Delta R.T. 0.04 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

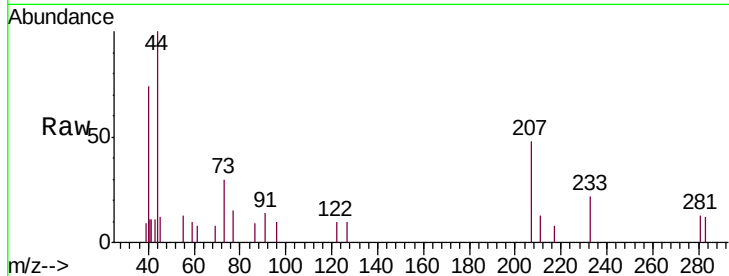
COMP-5.8.19RE

Tgt Ion: 91 Resp: 108

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V

11.83

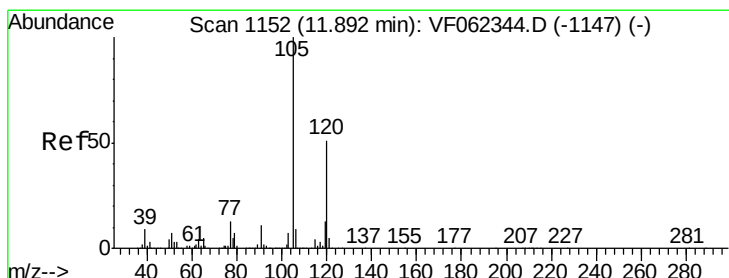
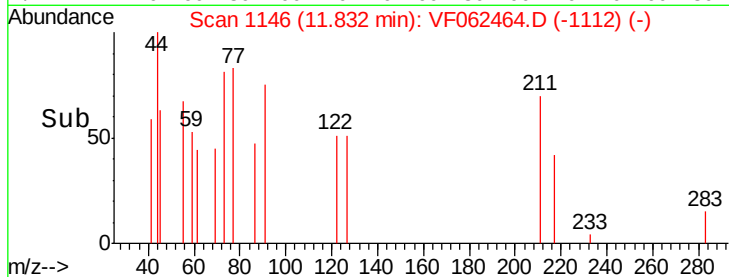
150

100

50

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 45.327 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. 0.02 min

Lab File: VF062464.D

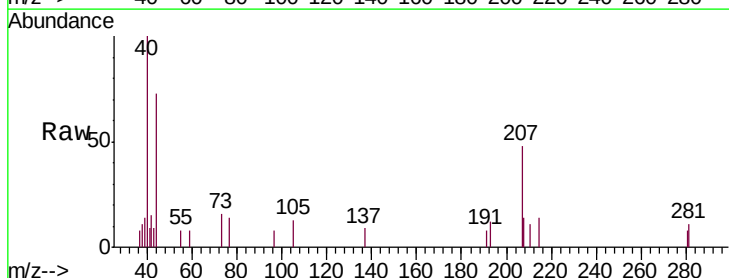
Acq: 11 May 2019 17:08

Tgt Ion: 105 Resp: 179

Ion Ratio Lower Upper

105 100

120 0.0 24.6 74.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.91

200

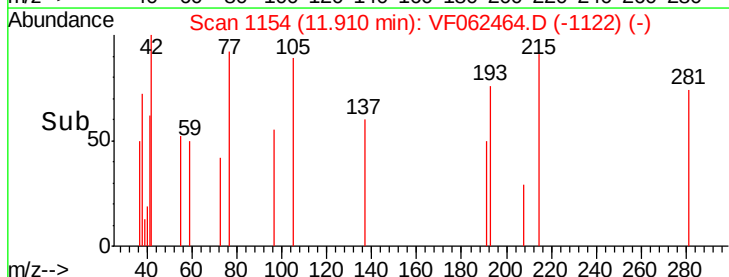
150

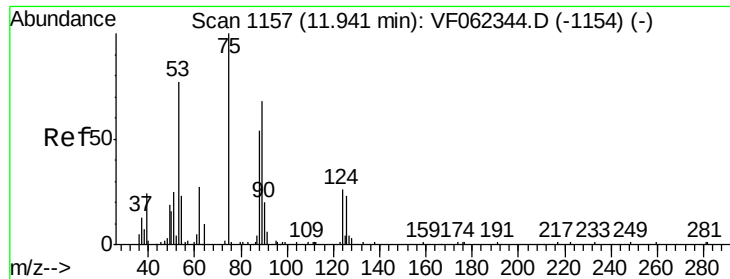
100

50

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 395.431 ug/l

RT: 11.94 min Scan# 1157

Delta R.T. -0.00 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19RE

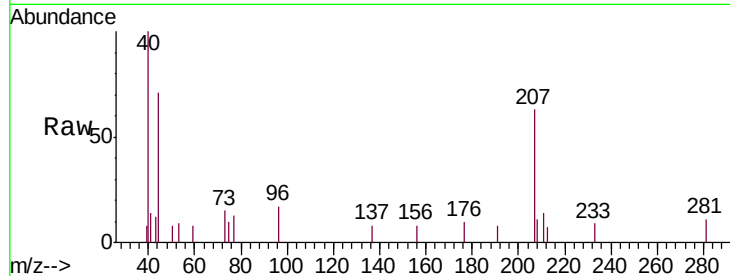
Tgt Ion: 75 Resp: 80

Ion Ratio Lower Upper

75 100

53 168.8 71.9 107.9#

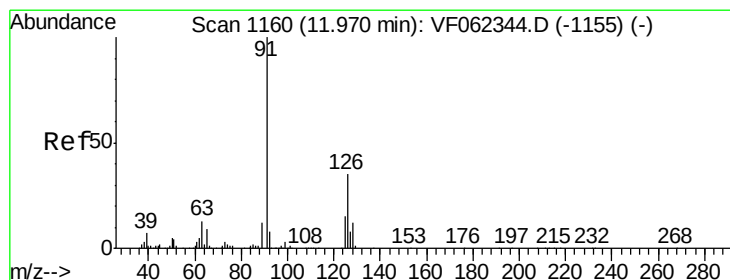
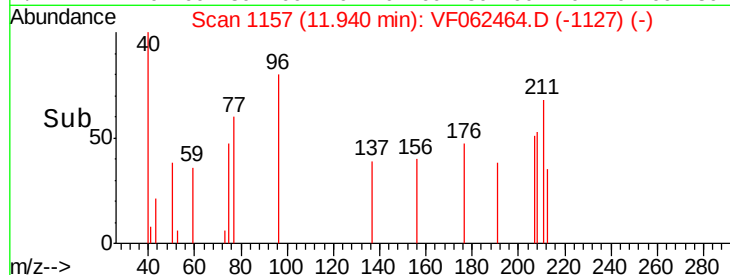
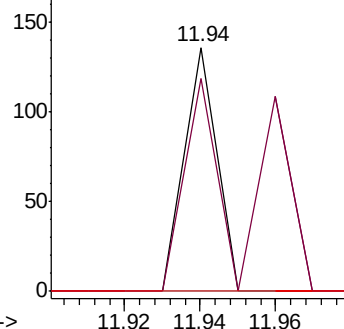
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0



#82

4-Chlorotoluene

Concen: 73.998 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VF062464.D

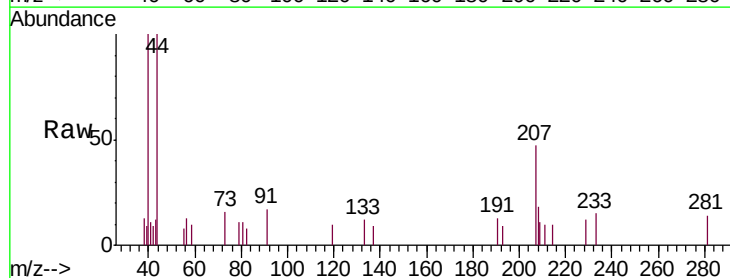
Acq: 11 May 2019 17:08

Tgt Ion: 91 Resp: 218

Ion Ratio Lower Upper

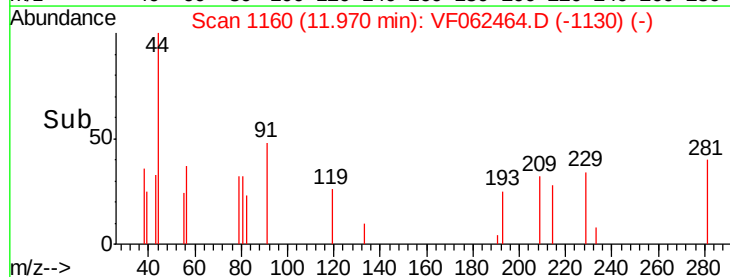
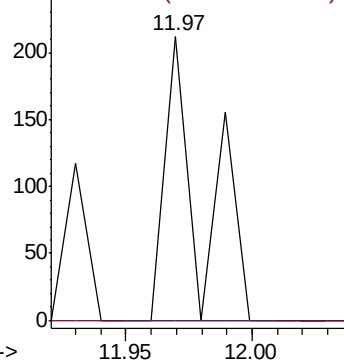
91 100

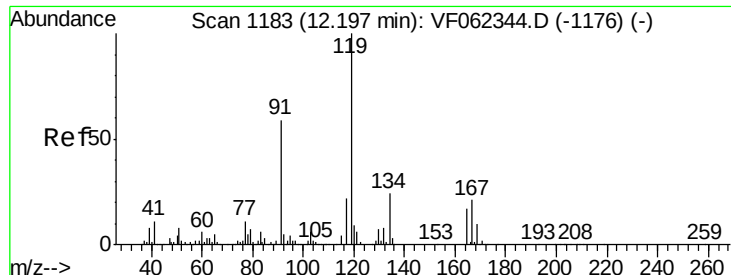
126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V

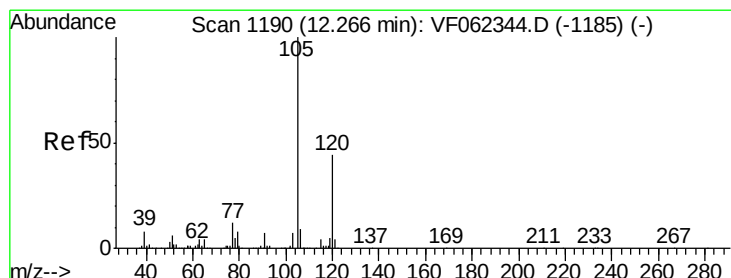
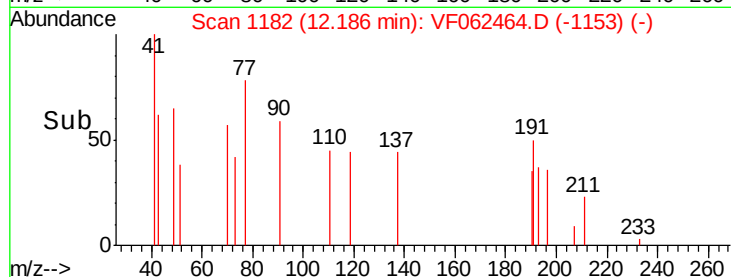
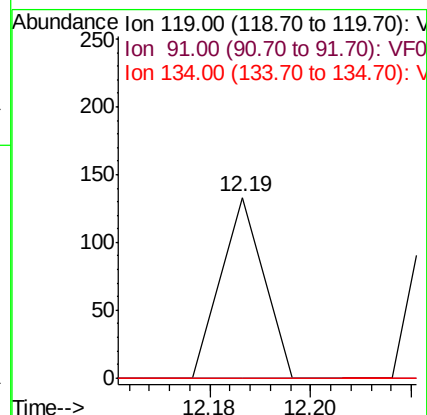
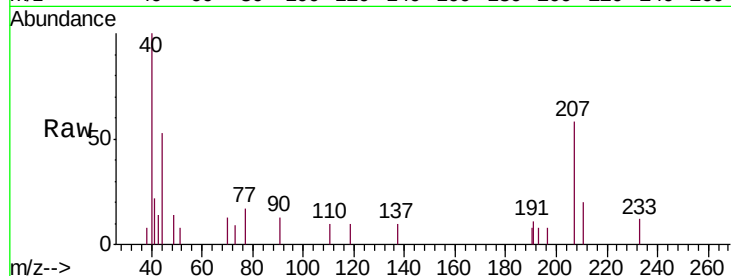




#83
 tert-Butylbenzene
 Concen: 19.035 ug/l
 RT: 12.19 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: VF062464.D
 Acq: 11 May 2019 17:08

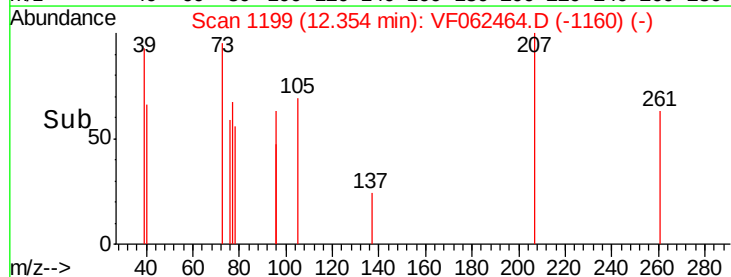
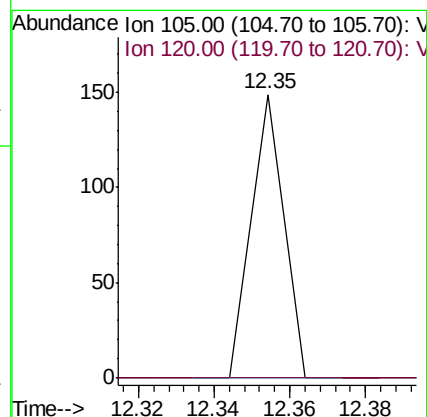
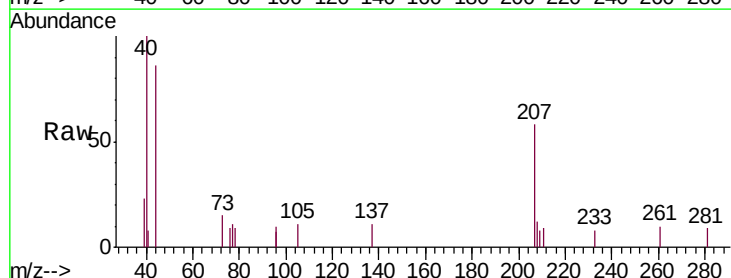
Instrument :
 MSVOA_F
 ClientSampleId :
 COMP-5.8.19RE

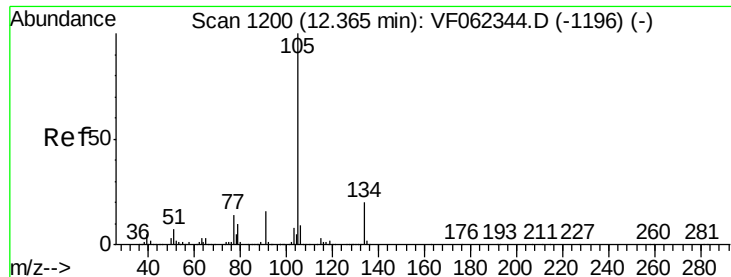
Tgt Ion:119 Resp: 79
 Ion Ratio Lower Upper
 119 100
 91 0.0 30.4 91.3#
 134 0.0 11.9 35.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 22.771 ug/l
 RT: 12.35 min Scan# 1199
 Delta R.T. 0.09 min
 Lab File: VF062464.D
 Acq: 11 May 2019 17:08

Tgt Ion:105 Resp: 88
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.6 67.7#





#85

sec-Butylbenzene

Concen: 17.420 ug/l

RT: 12.35 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

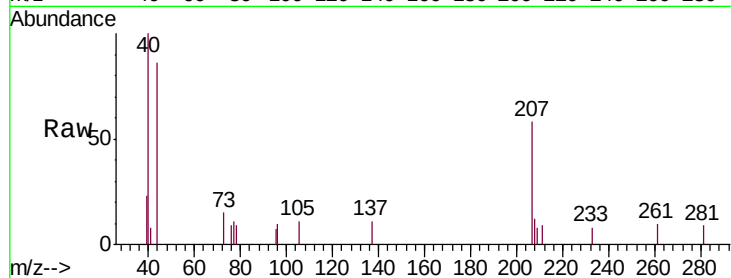
COMP-5.8.19RE

Tgt Ion:105 Resp: 88

Ion Ratio Lower Upper

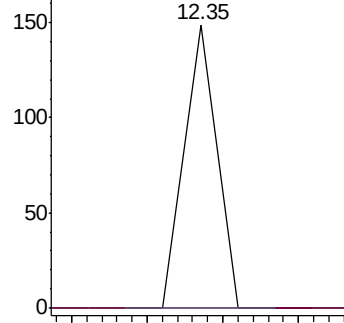
105 100

134 0.0 9.8 29.5#

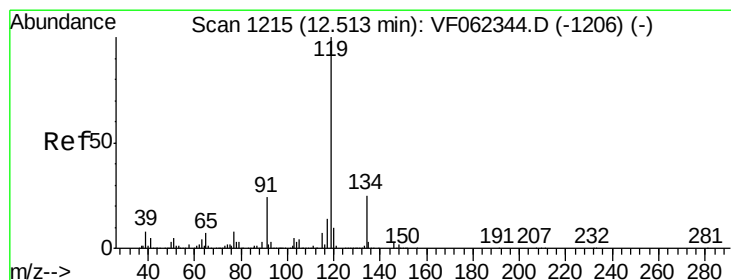
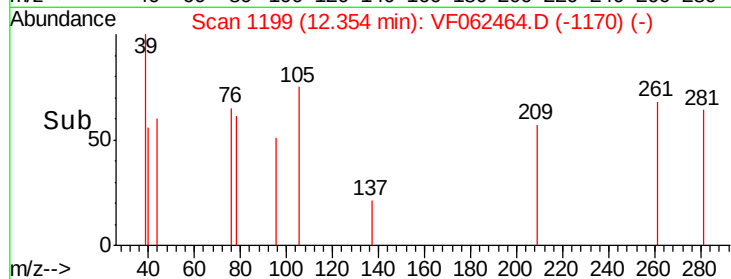


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 13.849 ug/l

RT: 12.55 min Scan# 1219

Delta R.T. 0.04 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

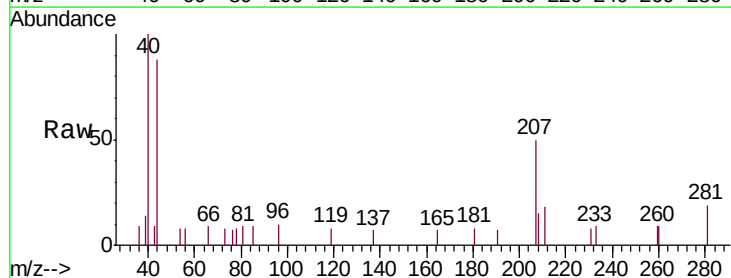
Tgt Ion:119 Resp: 65

Ion Ratio Lower Upper

119 100

134 0.0 12.9 38.7#

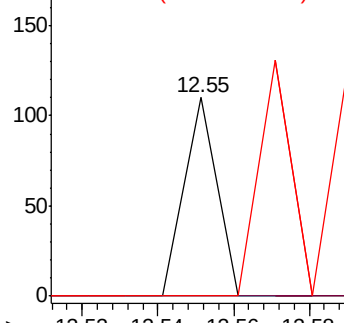
91 0.0 12.3 36.8#



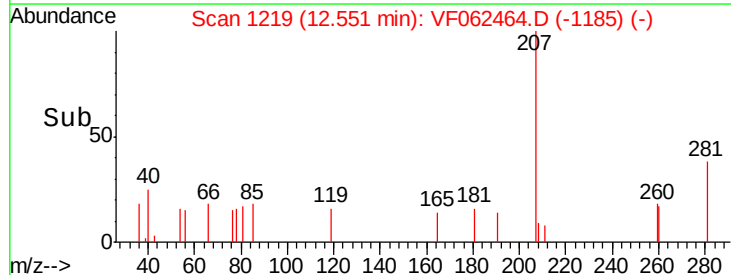
Abundance Ion 119.00 (118.70 to 119.70): V

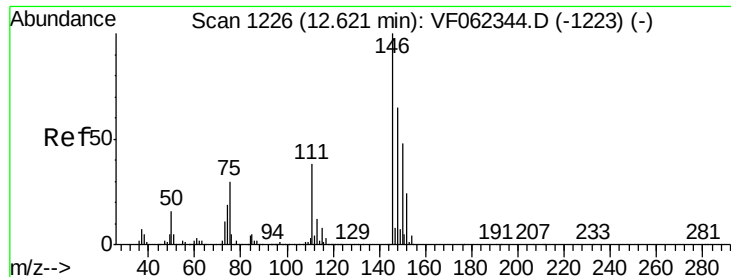
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0



Time-->





#88

1,4-Dichlorobenzene

Concen: 35.023 ug/l

RT: 12.87 min Scan# 1251

Delta R.T. 0.25 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19RE

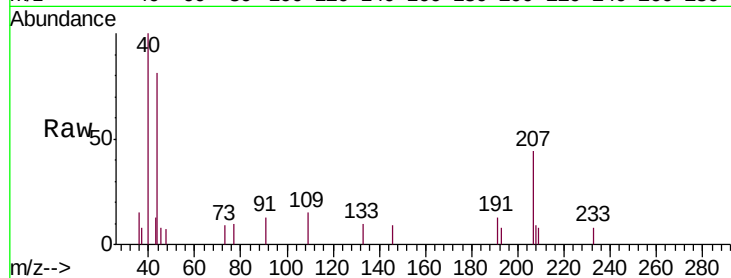
Tgt Ion:146 Resp: 73

Ion Ratio Lower Upper

146 100

111 90.4 18.8 56.3#

148 0.0 32.2 96.6#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.87

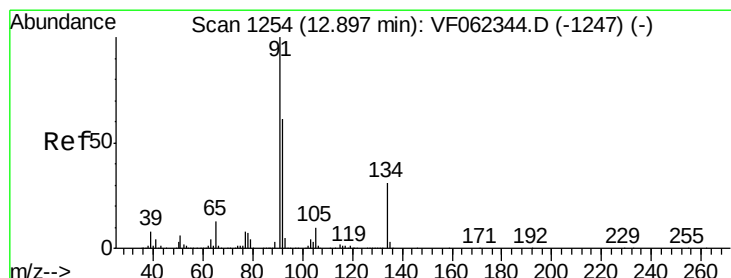
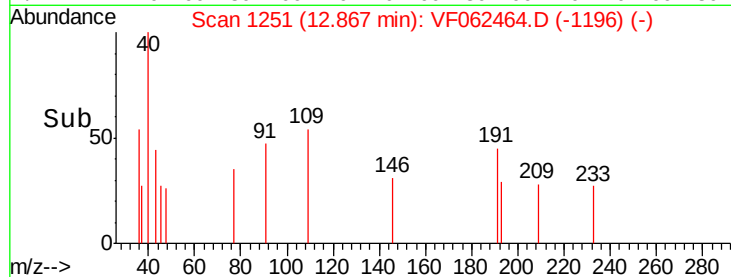
100

50

0

12.84 12.86 12.88

Time-->



#89

n-Butylbenzene

Concen: 41.670 ug/l

RT: 12.87 min Scan# 1251

Delta R.T. -0.03 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

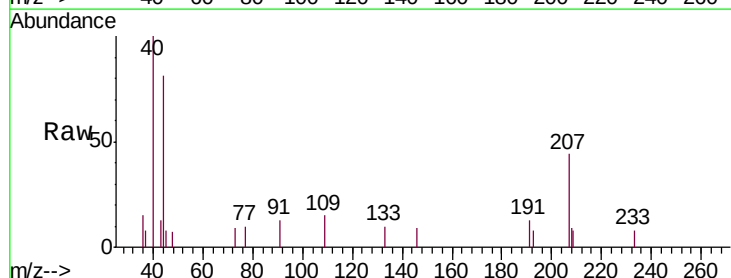
Tgt Ion: 91 Resp: 174

Ion Ratio Lower Upper

91 100

92 0.0 30.0 90.0#

134 0.0 14.1 42.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V

250

200

150

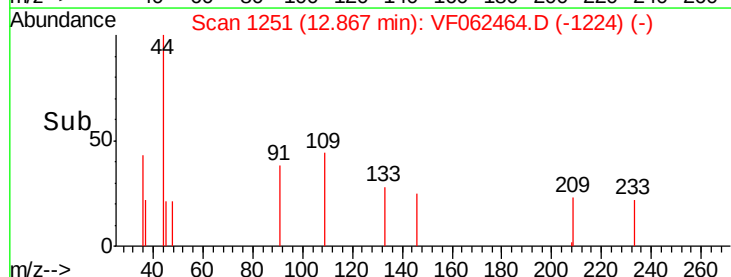
100

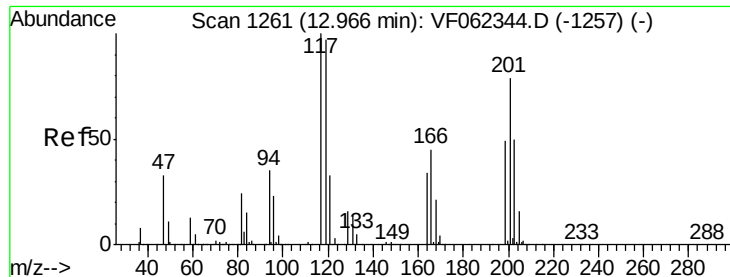
50

0

12.85 12.87 12.90

Time-->





#90

Hexachloroethane

Concen: 52.906 ug/l

RT: 13.03 min Scan# 1268

Delta R.T. 0.07 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

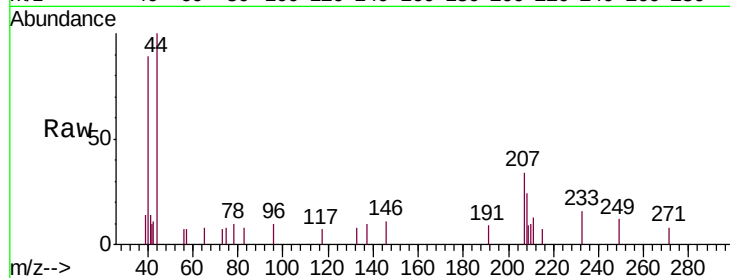
COMP-5.8.19RE

Tgt Ion:117 Resp: 62

Ion Ratio Lower Upper

117 100

201 0.0 46.2 138.5#

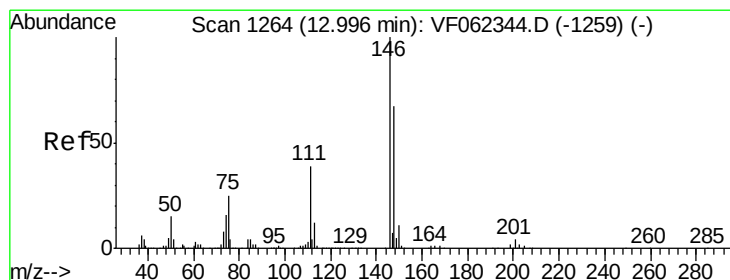
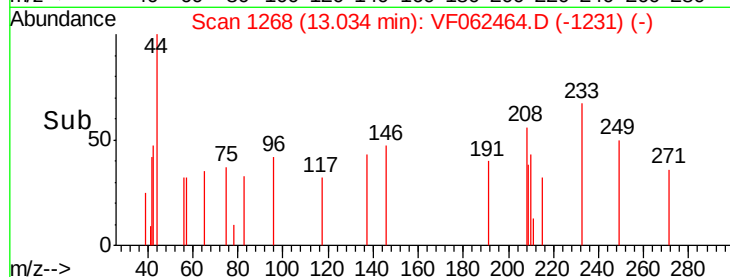


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.03

Time--> 13.00 13.02 13.04 13.06



#91

1,2-Dichlorobenzene

Concen: 44.013 ug/l

RT: 13.03 min Scan# 1268

Delta R.T. 0.04 min

Lab File: VF062464.D

Acq: 11 May 2019 17:08

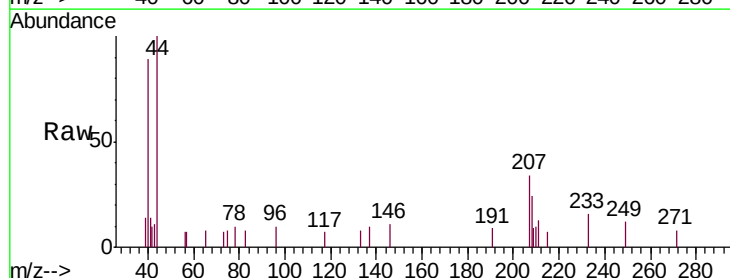
Tgt Ion:146 Resp: 92

Ion Ratio Lower Upper

146 100

111 0.0 20.0 60.0#

148 0.0 33.1 99.5#



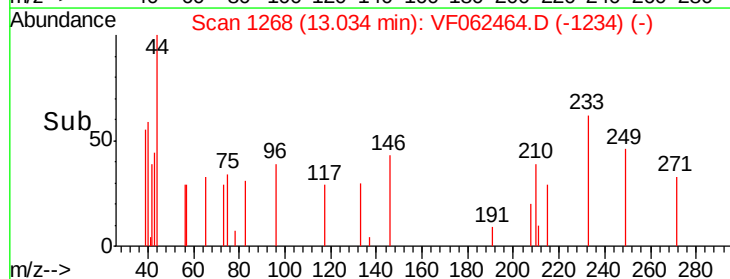
Abundance Ion 145.90 (145.60 to 146.60): V

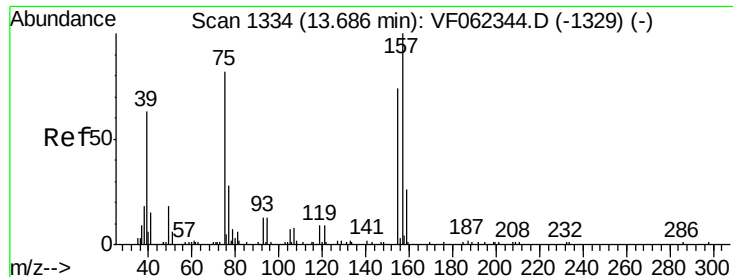
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.03

Time--> 13.00 13.02 13.04 13.06

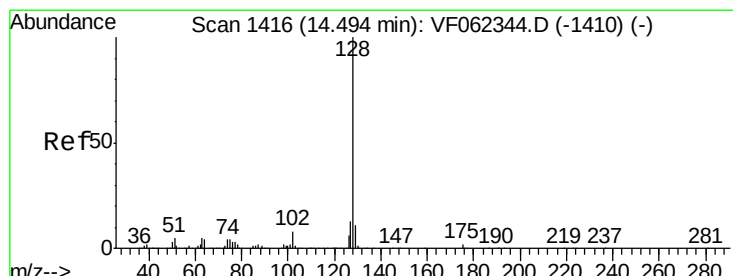
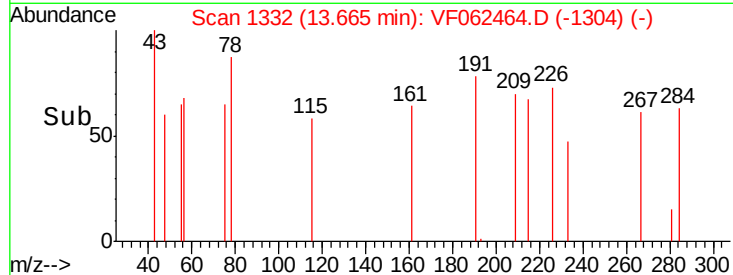
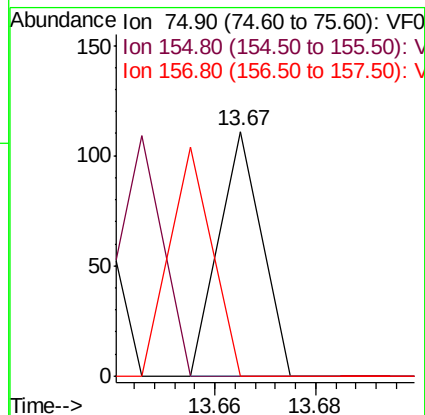
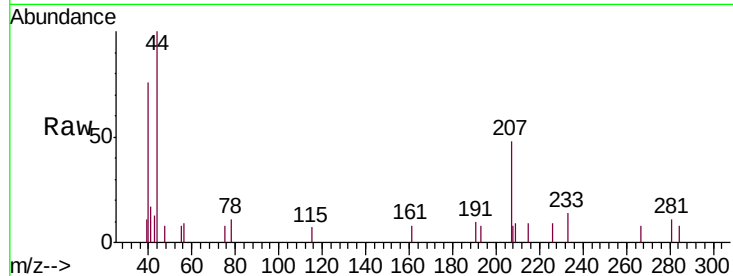




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 417.602 ug/l
 RT: 13.67 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: VF062464.D
 Acq: 11 May 2019 17:08

Instrument :
 MSVOA_F
 ClientSampleId :
 COMP-5.8.19RE

Tgt Ion: 75 Resp: 66
 Ion Ratio Lower Upper
 75 100
 155 97.0 51.8 155.4
 157 93.9 67.3 201.8



#95
 Naphthalene
 Concen: 26.607 ug/l
 RT: 14.70 min Scan# 1437
 Delta R.T. 0.21 min
 Lab File: VF062464.D
 Acq: 11 May 2019 17:08

Tgt Ion: 128 Resp: 75
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.6 12.8#

