

Data File : VF062480.D
Acq On : 12 May 2019 1:59
Operator : FY/SY
Sample : K2733-18
Misc : 6.00g/5mL/MSVOA_F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS003-1824-01

Quant Time: May 12 03:53:26 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	5.08	168	474	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	130	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.02	117	71	50.00	ug/l	0.12
72) 1,4-Dichlorobenzene-d4	12.74	152	76	50.00	ug/l	0.13

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	296	66.08	ug/l	0.02
Spiked Amount	50.000		Recovery	=	132.16%	
35) Dibromofluoromethane	4.22	113	80	77.24	ug/l	-0.08
Spiked Amount	50.000		Recovery	=	154.48%	
50) Toluene-d8	7.77	98	86	34.30	ug/l	0.06
Spiked Amount	50.000		Recovery	=	68.60%	
62) 4-Bromofluorobenzene	11.53	95	65	57.47	ug/l	0.04
Spiked Amount	50.000		Recovery	=	114.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.83	85	93	16.953	ug/l #	41
3) Chloromethane	1.21	50	141	38.972	ug/l #	21
4) Vinyl Chloride	1.05	62	88	24.385	ug/l #	42
5) Bromomethane	1.40	94	149	54.968	ug/l #	10
6) Chloroethane	1.44	64	65	35.826	ug/l #	41
7) Trichlorofluoromethane	1.52	101	75	10.017	ug/l #	20
8) Diethyl Ether	1.54	74	87	76.791	ug/l	46
9) 1,1,2-Trichlorotrifluoroet	2.04	101	189	44.213	ug/l #	18
10) Methyl Iodide	2.08	142	60	8.517	ug/l #	29
11) Tert butyl alcohol	2.73	59	73	288.345	ug/l #	70
12) 1,1-Dichloroethene	1.88	96	123	33.846	ug/l #	1
13) Acrolein	2.15	56	106	716.784	ug/l #	15
14) Allyl chloride	2.19	41	316	98.436	ug/l #	75
15) Acrylonitrile	3.11	53	98	204.351	ug/l #	43
16) Acetone	2.36	43	233	257.126	ug/l #	62
17) Carbon Disulfide	1.90	76	135	17.037	ug/l #	71
18) Methyl Acetate	2.47	43	77	46.367	ug/l #	58
19) Methyl tert-butyl Ether	2.57	73	267	35.592	ug/l #	61
20) Methylene Chloride	2.48	84	101	30.807	ug/l #	1
21) trans-1,2-Dichloroethene	2.41	96	182	52.564	ug/l #	1
22) Diisopropyl ether	2.95	45	271	27.010	ug/l #	39
23) Vinyl Acetate	3.38	43	69	15.430	ug/l #	79
24) 1,1-Dichloroethane	2.94	63	64	10.554	ug/l #	86
25) 2-Butanone	4.58	43	262	230.138	ug/l #	60
26) 2,2-Dichloropropane	3.81	77	237	69.987	ug/l #	58
27) cis-1,2-Dichloroethene	3.63	96	70	16.174	ug/l #	65
28) Bromochloromethane	3.95	49	86	31.272	ug/l #	1
29) Tetrahydrofuran	4.30	42	188	359.310	ug/l #	61
30) Chloroform	4.09	83	107	13.061	ug/l #	19
31) Cyclohexane	3.88	56	244	50.412	ug/l #	16
32) 1,1,1-Trichloroethane	4.36	97	73	10.397	ug/l #	1
36) 1,1-Dichloropropene	4.59	75	111	99.396	ug/l #	1
37) Ethyl Acetate	4.29	43	257	654.708	ug/l #	47
38) Carbon Tetrachloride	4.15	117	66	57.389	ug/l #	14

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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)
39) Methylcyclohexane	5.71	83	68	60.714	ug/l #	26
40) Benzene	4.87	78	147	59.777	ug/l #	48
41) Methacrylonitrile	4.96	41	340	1269.728	ug/l #	21
42) 1,2-Dichloroethane	5.08	62	86	83.617	ug/l #	82
43) Isopropyl Acetate	7.14	43	574	1130.027	ug/l #	48
45) 1,2-Dichloropropane	6.42	63	66	118.491	ug/l #	43
46) Dibromomethane	6.31	93	98	212.202	ug/l #	1
48) Methyl methacrylate	6.94	41	336	936.026	ug/l #	54
49) 1,4-Dioxane	6.89	88	69	18923.905	ug/l #	34
51) 4-Methyl-2-Pentanone	8.42	43	114	296.183	ug/l #	40
52) Toluene	7.81	92	72	47.460	ug/l #	45
53) t-1,3-Dichloropropene	8.48	75	59	67.561	ug/l #	43
54) cis-1,3-Dichloropropene	7.40	75	63	61.987	ug/l #	44
55) 1,1,2-Trichloroethane	8.85	97	93	193.109	ug/l #	14
56) Ethyl methacrylate	8.82	69	60	118.024	ug/l #	1
57) 1,3-Dichloropropane	8.88	76	66	90.728	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.34	63	100	654.282	ug/l #	42
59) 2-Hexanone	9.51	43	151	567.252	ug/l	98
61) 1,2-Dibromoethane	8.93	107	61	107.769	ug/l #	3
64) Tetrachloroethene	8.20	164	64	111.034	ug/l #	1
65) Chlorobenzene	9.68	112	102	86.828	ug/l #	43
67) Ethyl Benzene	10.08	91	91	44.238	ug/l #	45
68) m/p-Xylenes	10.47	106	102	134.390	ug/l #	24
70) Styrene	10.66	104	69	56.136	ug/l #	28
73) Isopropylbenzene	11.23	105	156	34.624	ug/l #	50
74) N-amyl acetate	11.42	43	475	491.065	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	11.75	83	112	158.761	ug/l #	22
76) 1,2,3-Trichloropropane	11.84	75	61	113.336	ug/l #	100
78) n-propylbenzene	11.64	91	66	13.759	ug/l #	52
79) 2-Chlorotoluene	11.79	91	72	24.138	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.94	105	96	24.309	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.93	75	61	301.516	ug/l #	5
82) 4-Chlorotoluene	11.94	91	69	23.421	ug/l #	39
83) tert-Butylbenzene	12.21	119	138	33.251	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.38	105	75	19.407	ug/l #	31
85) sec-Butylbenzene	12.38	105	75	14.846	ug/l #	1
86) p-Isopropyltoluene	12.55	119	63	13.423	ug/l #	50
87) 1,3-Dichlorobenzene	12.76	146	105	48.620	ug/l #	25
88) 1,4-Dichlorobenzene	12.76	146	105	50.375	ug/l #	25
89) n-Butylbenzene	12.88	91	60	14.369	ug/l #	29
91) 1,2-Dichlorobenzene	13.04	146	73	34.923	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.67	75	64	404.948	ug/l #	1
95) Naphthalene	14.45	128	82	29.091	ug/l #	69

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

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MSVOA_F
ClientSampleId :
P021-SS003-1824-01

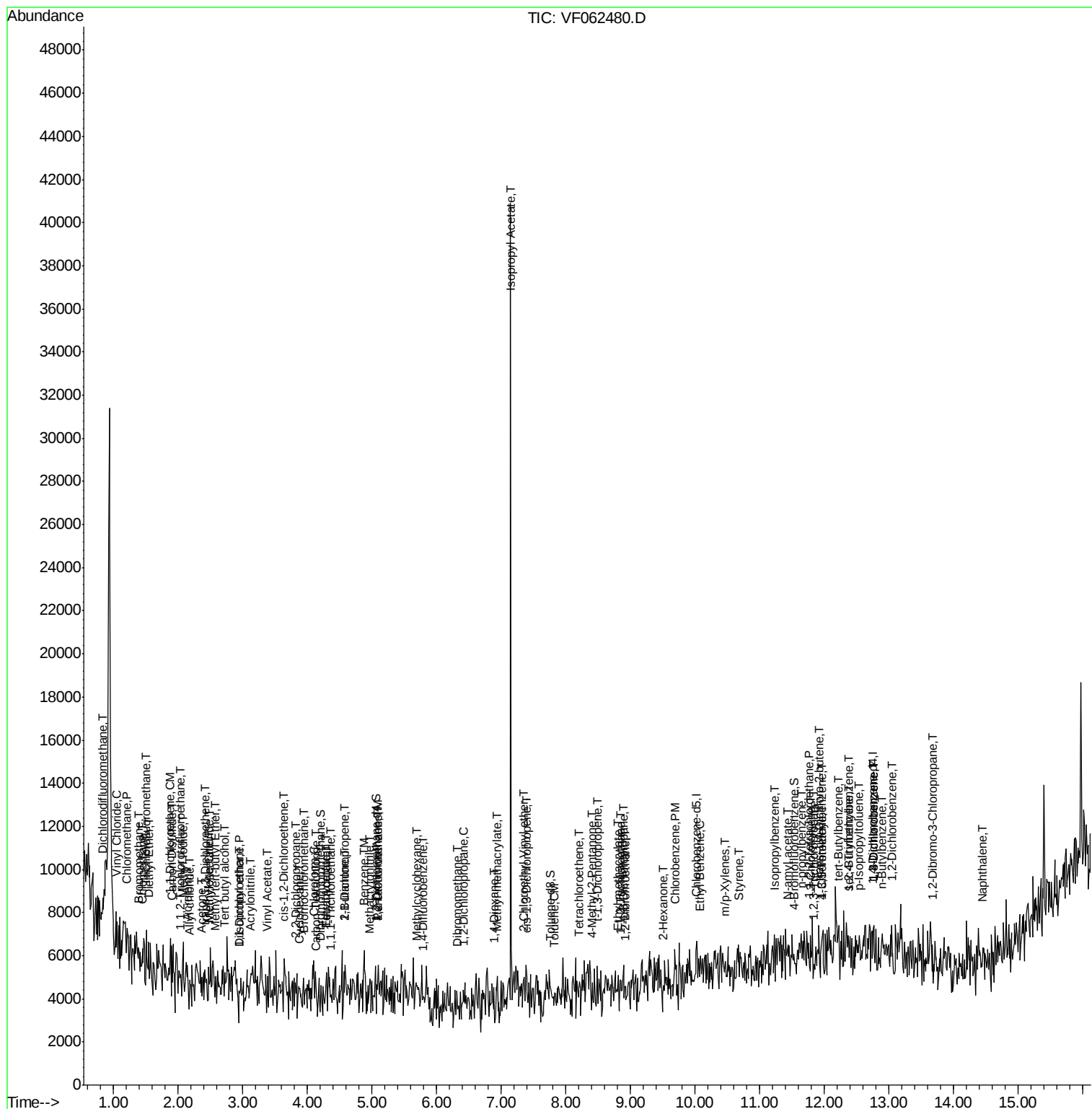
Quant Time: May 12 03:53:26 2019

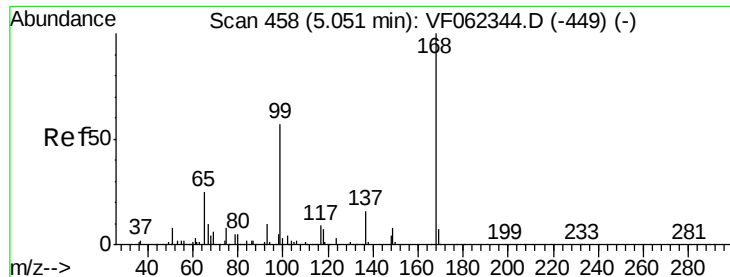
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_X\METHOD\82F050619S.M

Quant Title : SW846 8260

QLast Update : Tue May 07 04:34:57 2019

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 462

Delta R.T. 0.03 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

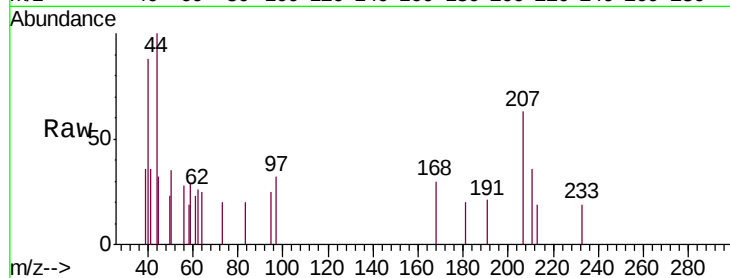
P021-SS003-1824-01

Tgt Ion:168 Resp: 474

Ion Ratio Lower Upper

168 100

99 0.0 45.9 68.9#



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.08

150

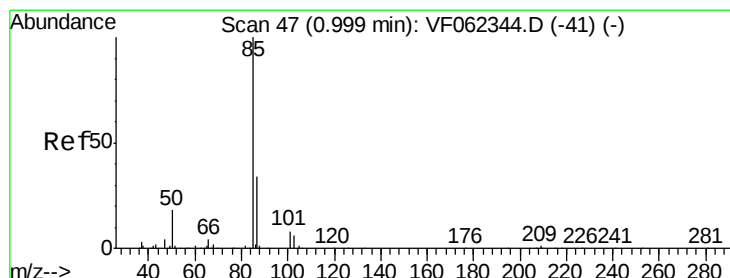
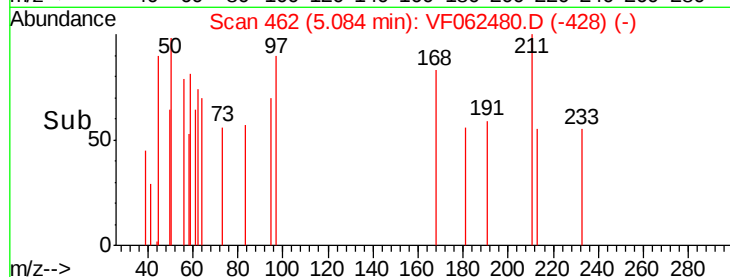
100

50

0

5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.953 ug/l

RT: 0.83 min Scan# 30

Delta R.T. -0.17 min

Lab File: VF062480.D

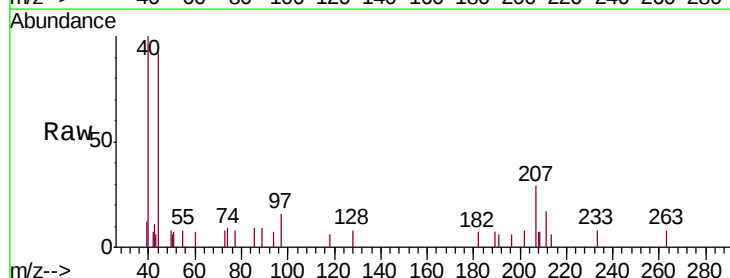
Acq: 12 May 2019 1:59

Tgt Ion: 85 Resp: 93

Ion Ratio Lower Upper

85 100

87 0.0 16.8 50.4#



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

0.83

150

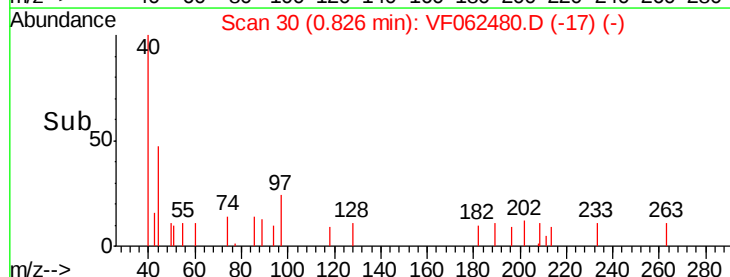
100

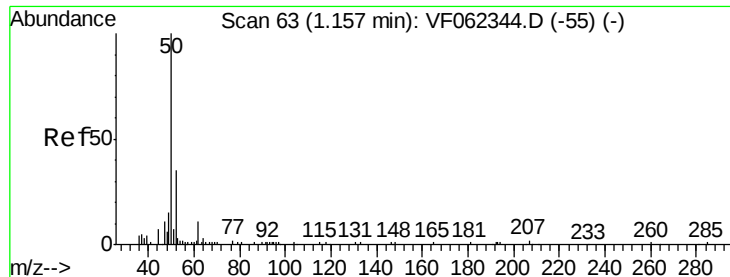
50

0

0.80 0.82 0.84 0.86

Time-->





#3

Chloromethane

Concen: 38.972 ug/l

RT: 1.21 min Scan# 69

Delta R.T. 0.05 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

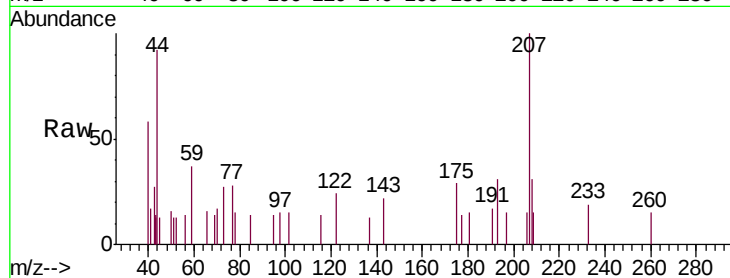
P021-SS003-1824-01

Tgt Ion: 50 Resp: 141

Ion Ratio Lower Upper

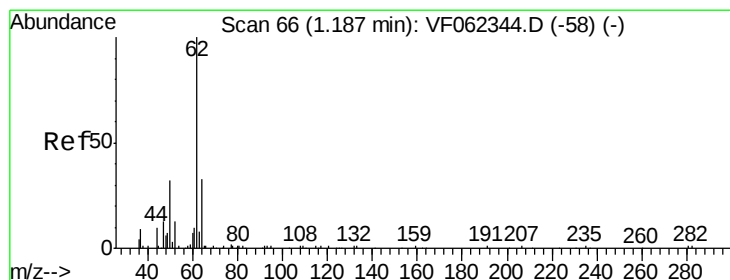
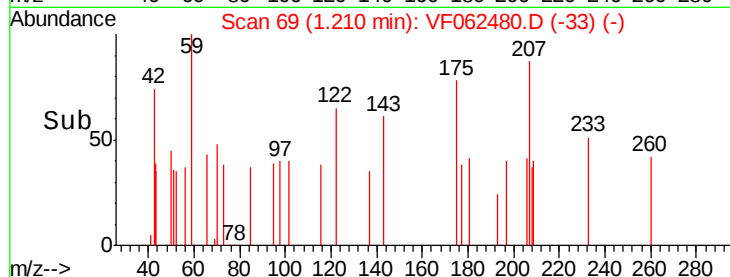
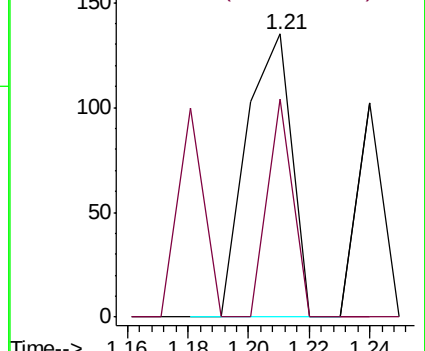
50 100

52 77.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0



#4

Vinyl Chloride

Concen: 24.385 ug/l

RT: 1.05 min Scan# 53

Delta R.T. -0.13 min

Lab File: VF062480.D

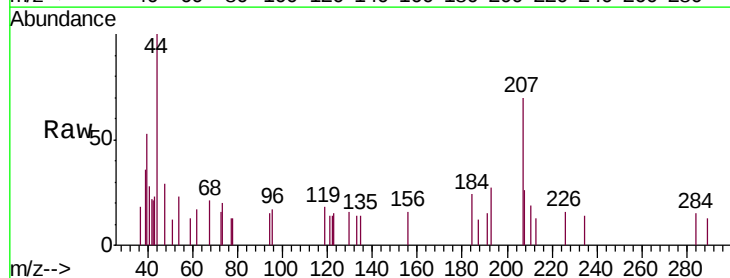
Acq: 12 May 2019 1:59

Tgt Ion: 62 Resp: 88

Ion Ratio Lower Upper

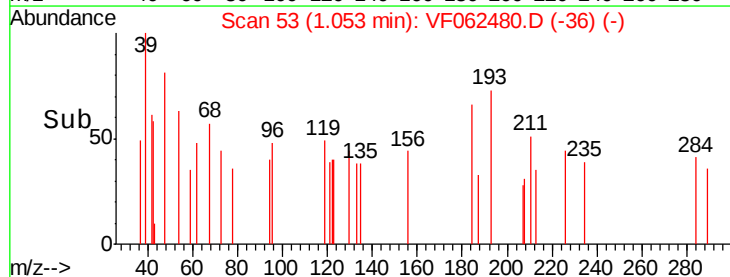
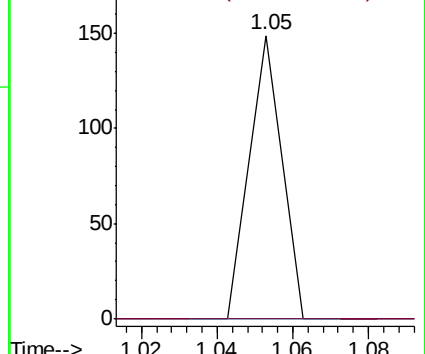
62 100

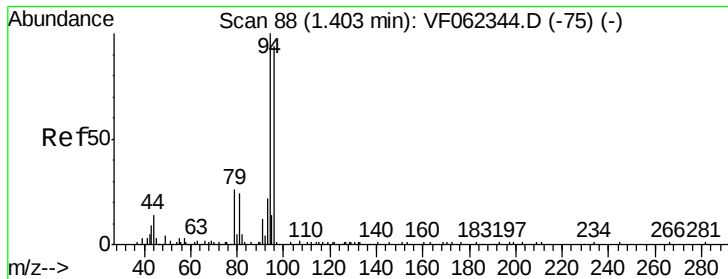
64 0.0 26.1 39.1#



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 63.90 (63.60 to 64.60): VF0





#5

Bromomethane

Concen: 54.968 ug/l

RT: 1.40 min Scan# 88

Delta R.T. -0.01 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

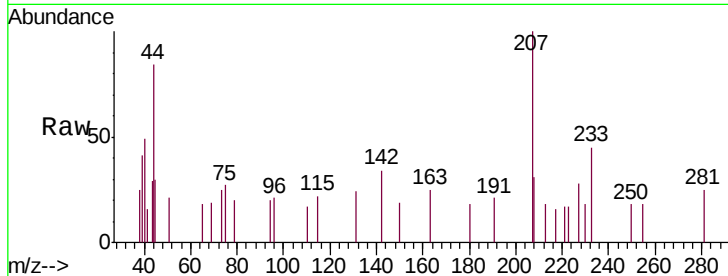
P021-SS003-1824-01

Tgt Ion: 94 Resp: 149

Ion Ratio Lower Upper

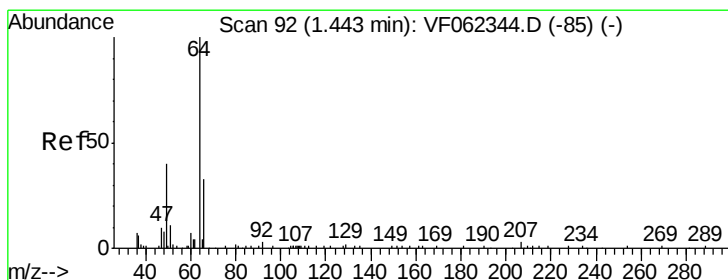
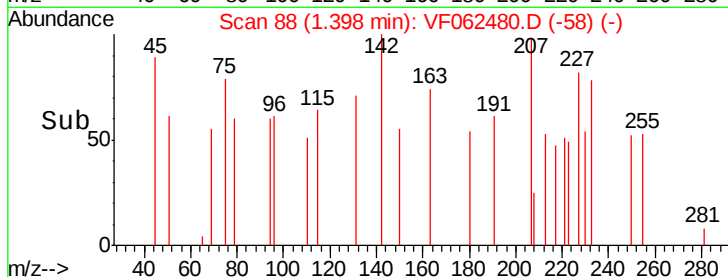
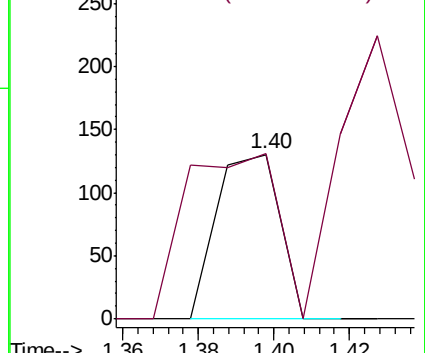
94 100

96 6.9 75.4 113.2#



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0



#6

Chloroethane

Concen: 35.826 ug/l

RT: 1.44 min Scan# 92

Delta R.T. -0.01 min

Lab File: VF062480.D

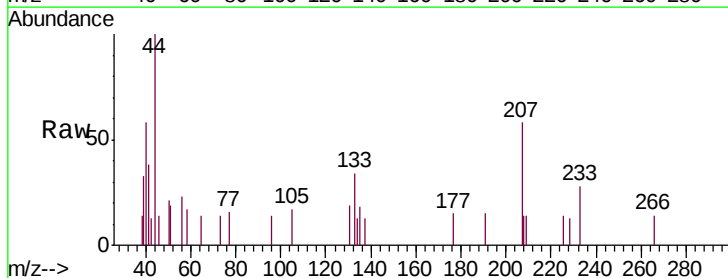
Acq: 12 May 2019 1:59

Tgt Ion: 64 Resp: 65

Ion Ratio Lower Upper

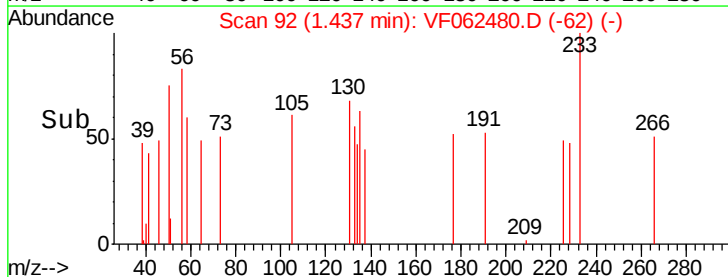
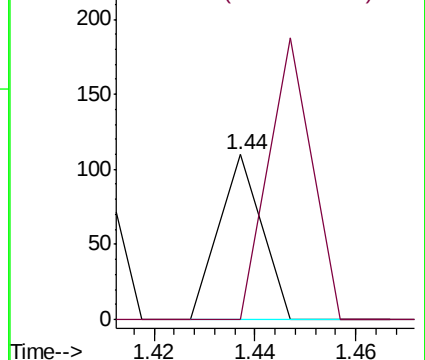
64 100

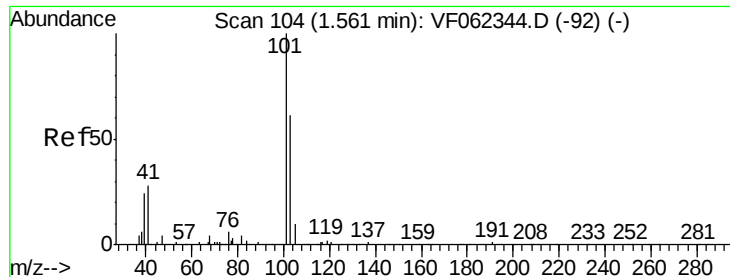
66 0.0 26.6 39.8#



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0



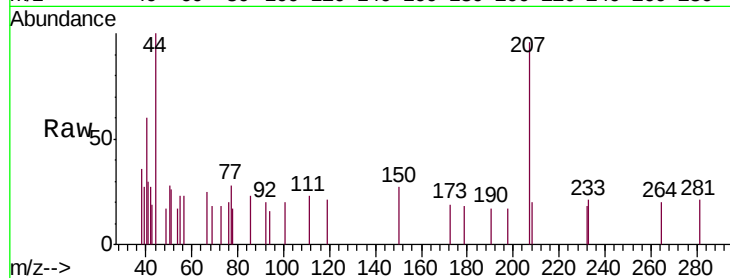


#7

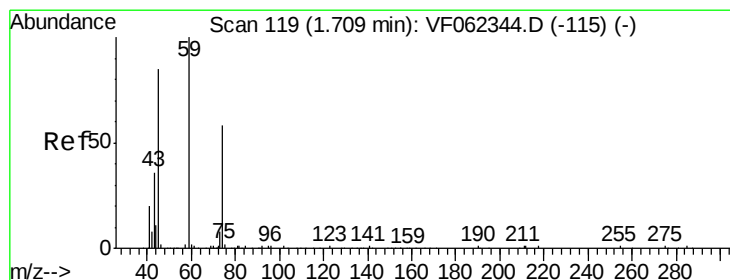
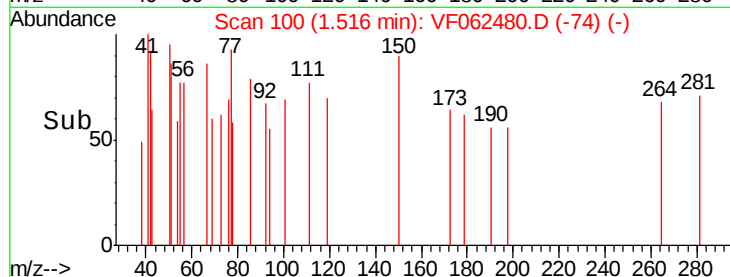
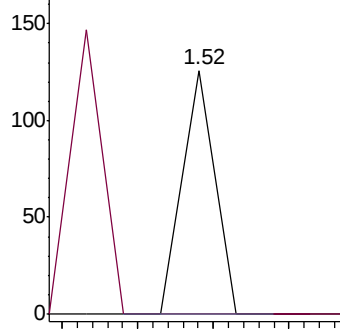
Trichlorofluoromethane
Concen: 10.017 ug/l
RT: 1.52 min Scan# 100
Delta R.T. -0.05 min
Lab File: VF062480.D
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P021-SS003-1824-01

Tgt Ion: 101 Resp: 75
Ion Ratio Lower Upper
101 100
103 0.0 48.5 72.7#



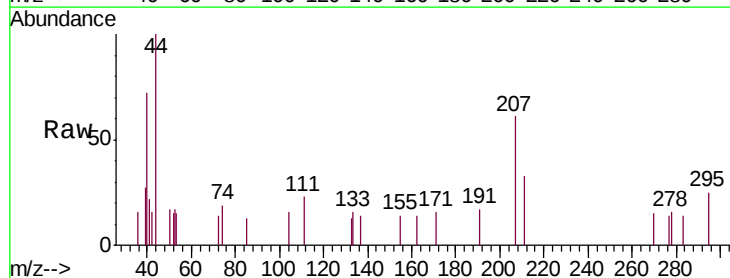
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



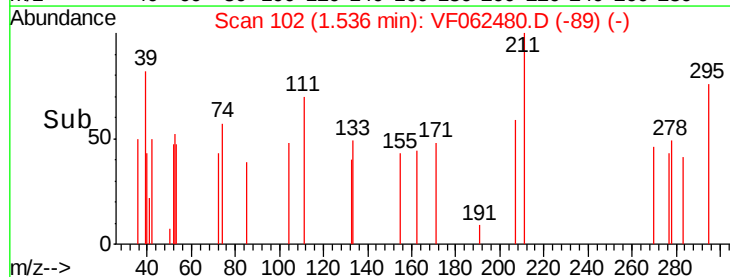
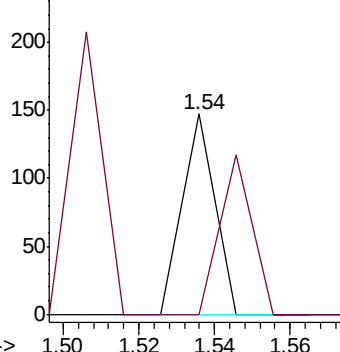
#8

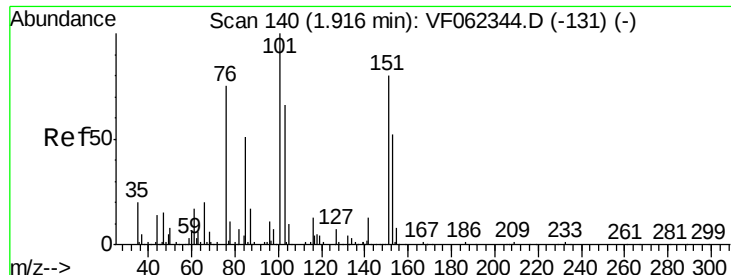
Diethyl Ether
Concen: 76.791 ug/l
RT: 1.54 min Scan# 102
Delta R.T. -0.17 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Tgt Ion: 74 Resp: 87
Ion Ratio Lower Upper
74 100
45 79.3 73.9 221.6



Abundance Ion 74.00 (73.70 to 74.70): VF0
Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.213 ug/l

RT: 2.04 min Scan# 153

Delta R.T. 0.12 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

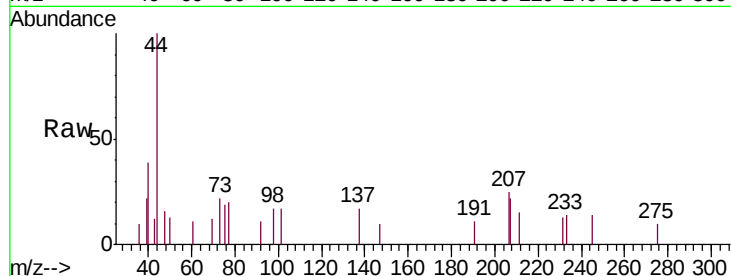
Tgt Ion:101 Resp: 189

Ion Ratio Lower Upper

101 100

85 0.0 39.5 59.3#

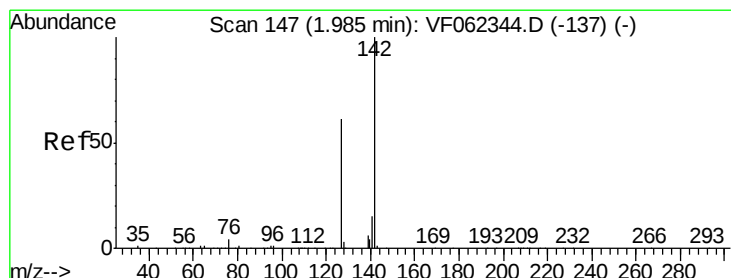
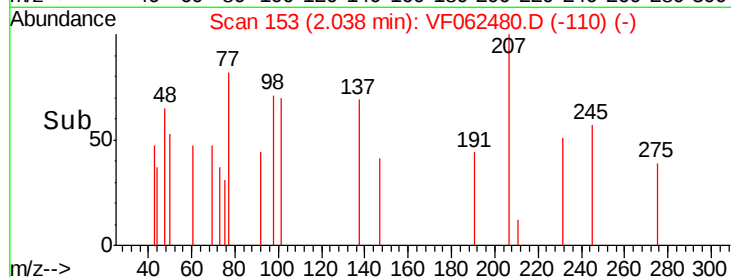
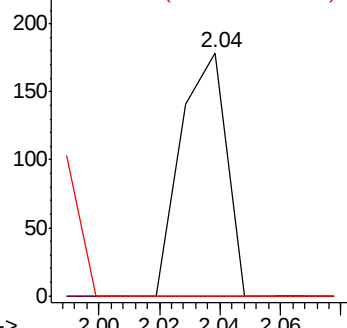
151 0.0 59.9 89.9#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VF0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 8.517 ug/l

RT: 2.08 min Scan# 157

Delta R.T. 0.09 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

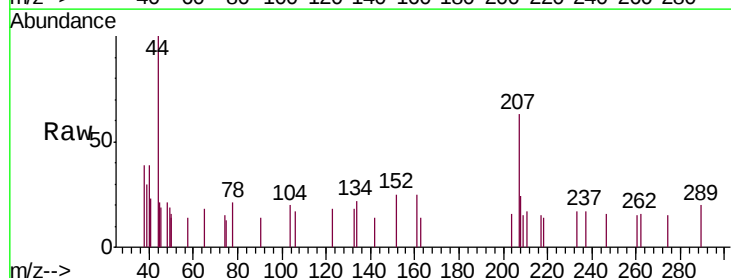
Tgt Ion:142 Resp: 60

Ion Ratio Lower Upper

142 100

127 0.0 48.4 72.6#

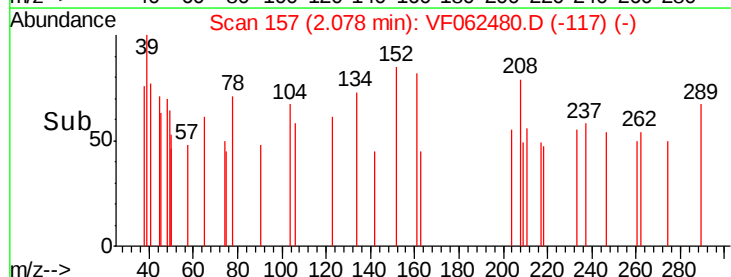
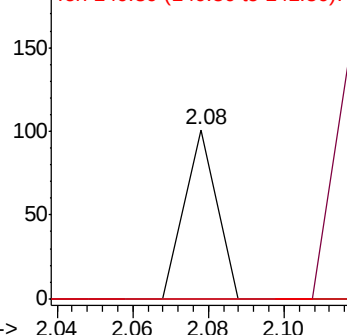
141 0.0 12.2 18.4#

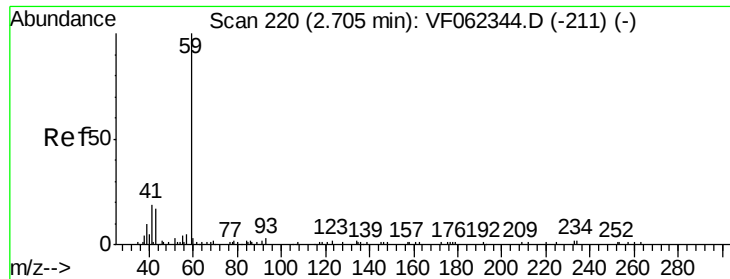


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



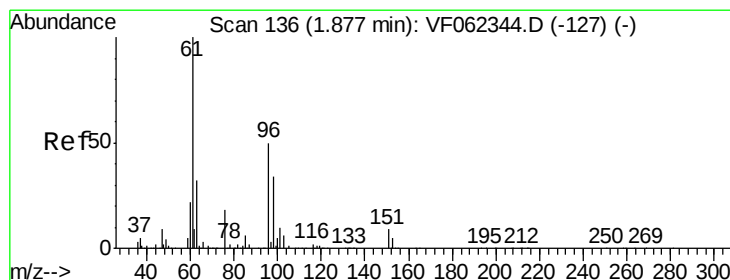
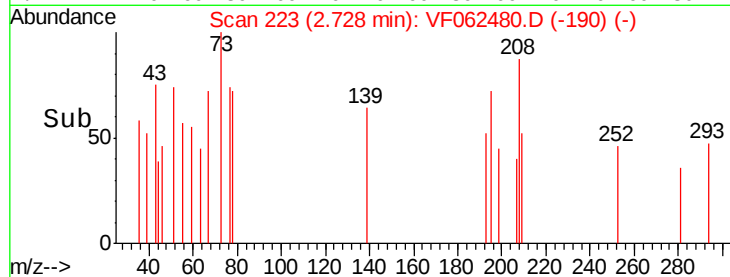
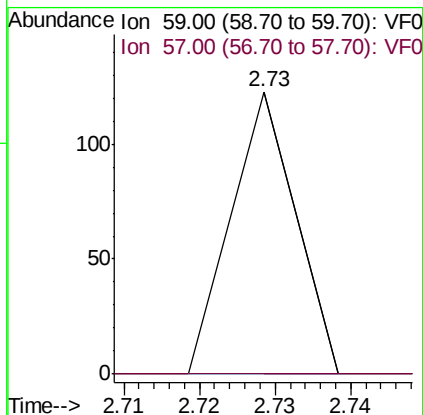
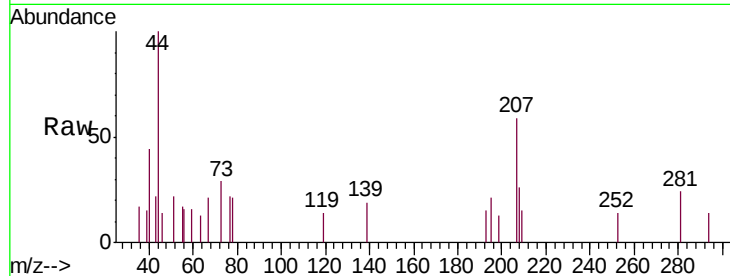


#11

Tert butyl alcohol
Concen: 288.345 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.02 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS003-1824-01

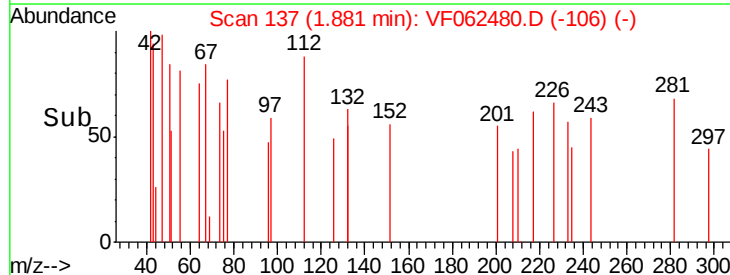
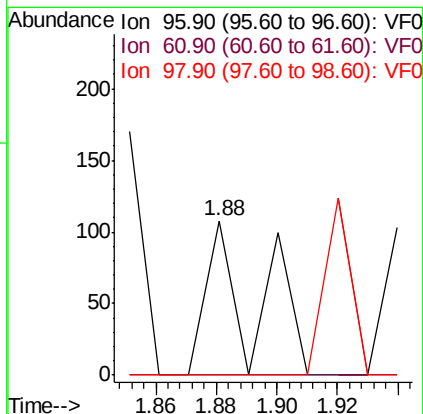
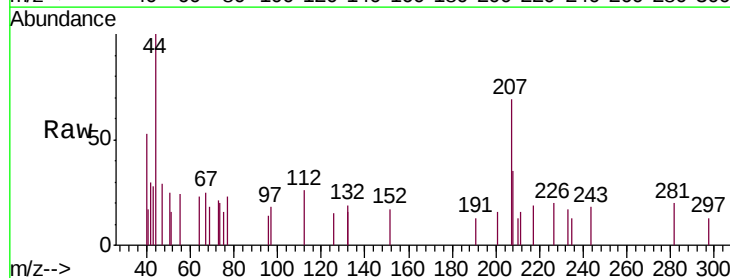
Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#

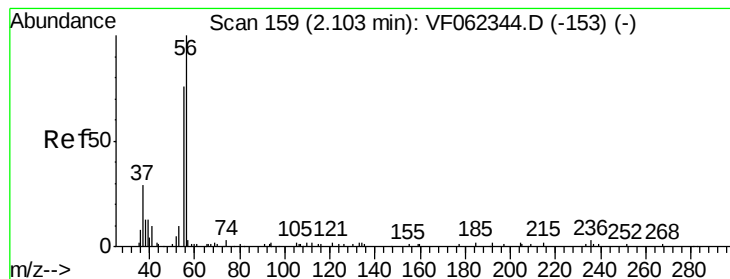


#12

1,1-Dichloroethene
Concen: 33.846 ug/l
RT: 1.88 min Scan# 137
Delta R.T. 0.00 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Tgt Ion: 96 Resp: 123
Ion Ratio Lower Upper
96 100
61 0.0 163.2 244.8#
98 0.0 55.2 82.8#





#13

Acrolein

Concen: 716.784 ug/l

RT: 2.15 min Scan# 164

Delta R.T. 0.04 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

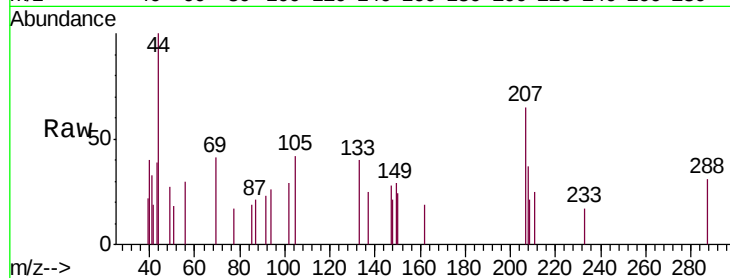
P021-SS003-1824-01

Tgt Ion: 56 Resp: 106

Ion Ratio Lower Upper

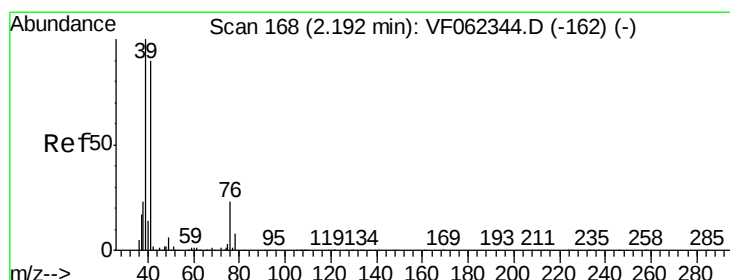
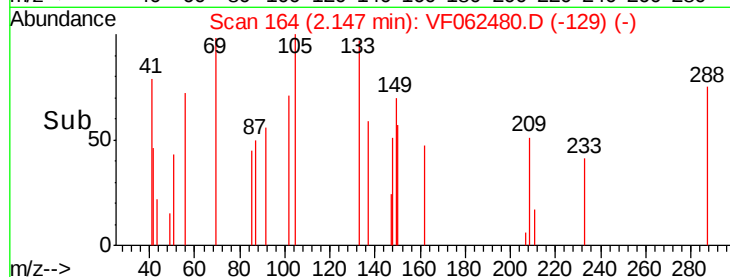
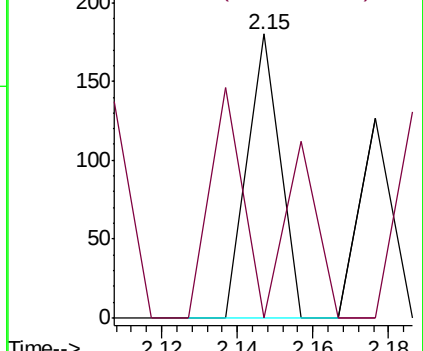
56 100

55 144.3 58.4 87.6#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 98.436 ug/l

RT: 2.19 min Scan# 168

Delta R.T. -0.01 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

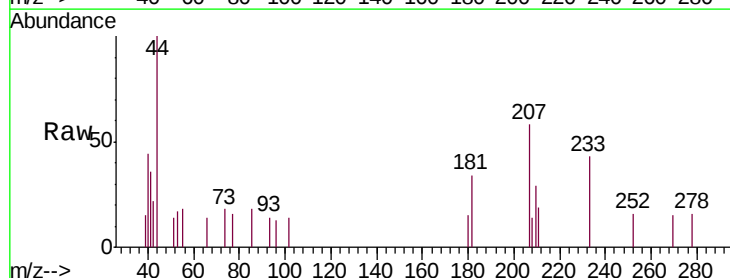
Tgt Ion: 41 Resp: 316

Ion Ratio Lower Upper

41 100

39 133.2 90.8 136.2

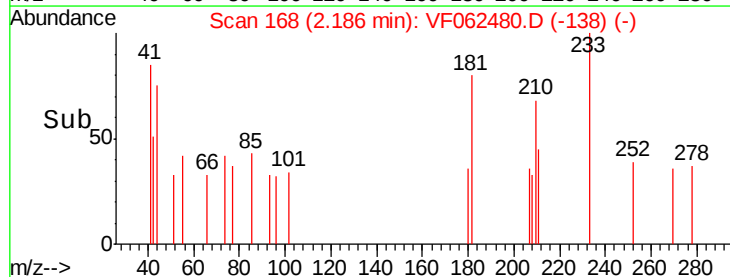
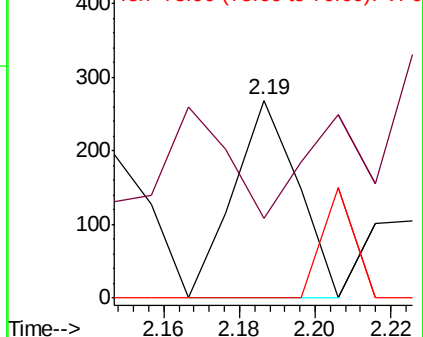
76 0.0 22.2 33.4#

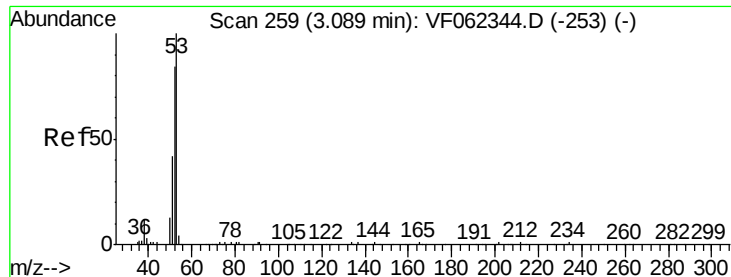


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 75.90 (75.60 to 76.60): VF0





#15

Acrylonitrile

Concen: 204.351 ug/l

RT: 3.11 min Scan# 262

Delta R.T. 0.02 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

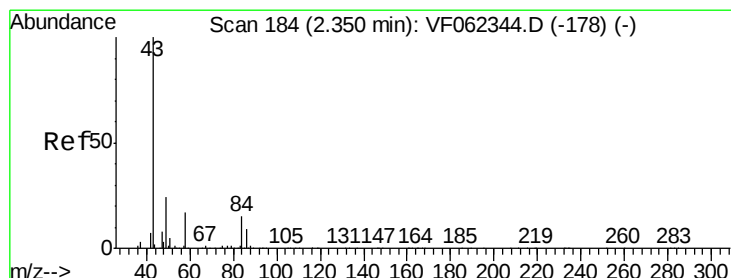
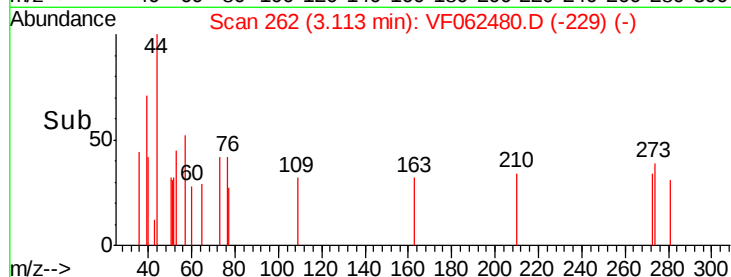
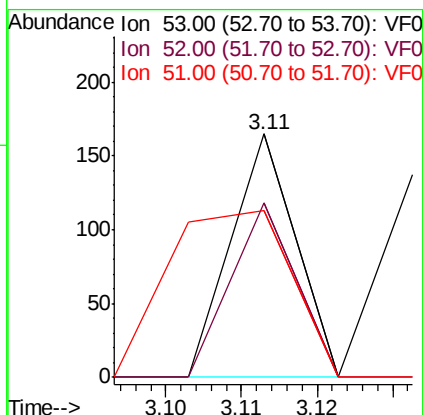
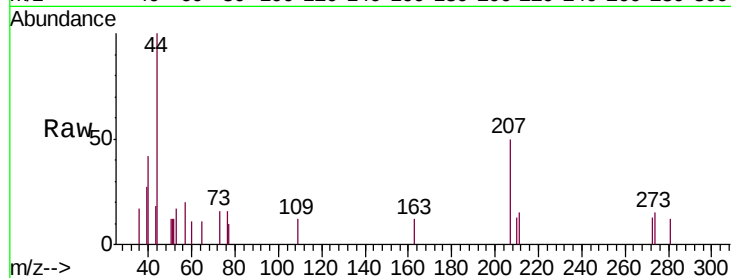
Tgt Ion: 53 Resp: 98

Ion Ratio Lower Upper

53 100

52 71.4 77.2 115.8#

51 131.6 40.6 61.0#



#16

Acetone

Concen: 257.126 ug/l

RT: 2.36 min Scan# 186

Delta R.T. 0.01 min

Lab File: VF062480.D

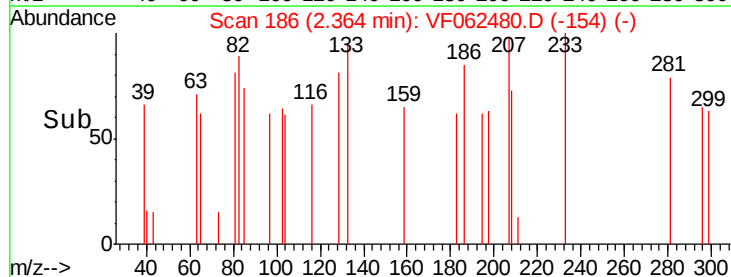
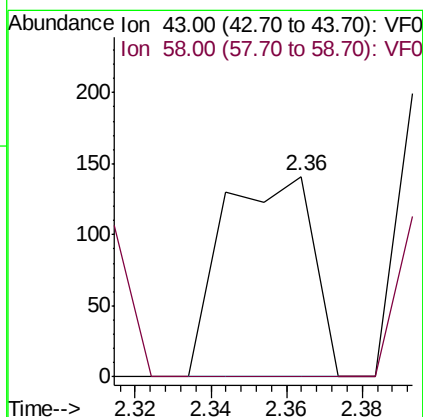
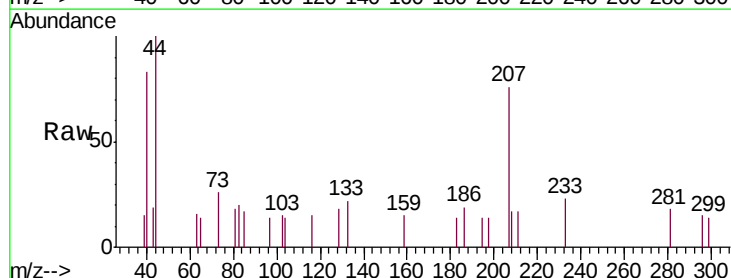
Acq: 12 May 2019 1:59

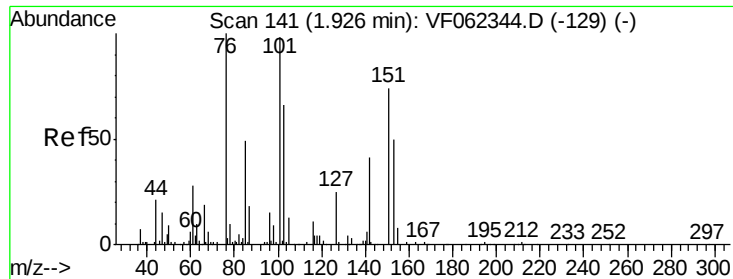
Tgt Ion: 43 Resp: 233

Ion Ratio Lower Upper

43 100

58 0.0 13.1 19.7#

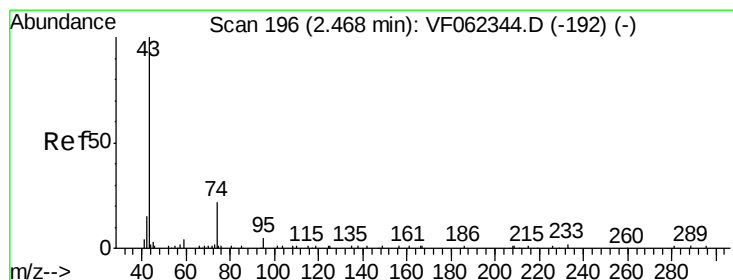
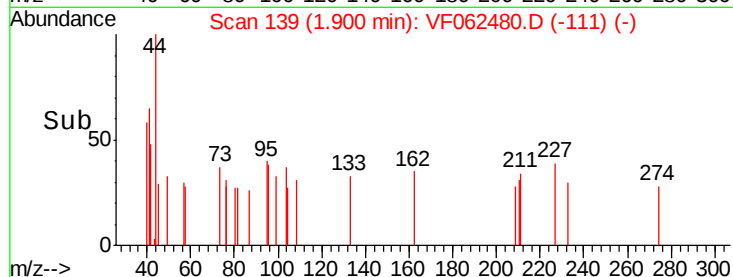
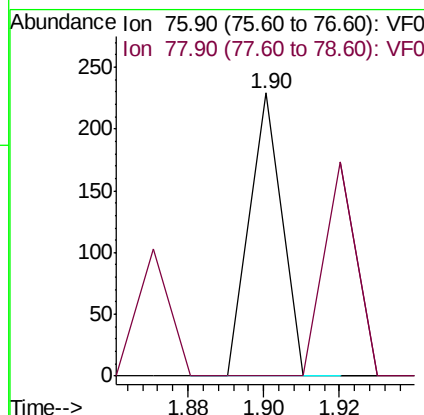
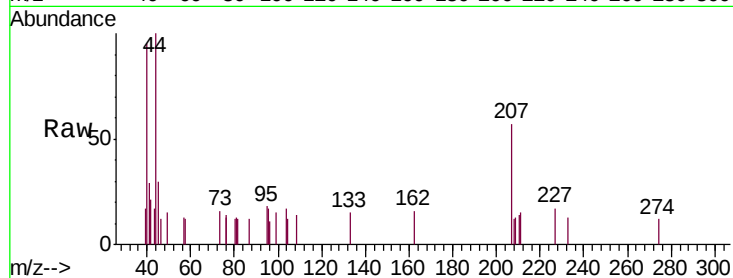




#17
Carbon Disulfide
Concen: 17.037 ug/l
RT: 1.90 min Scan# 139
Delta R.T. -0.03 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

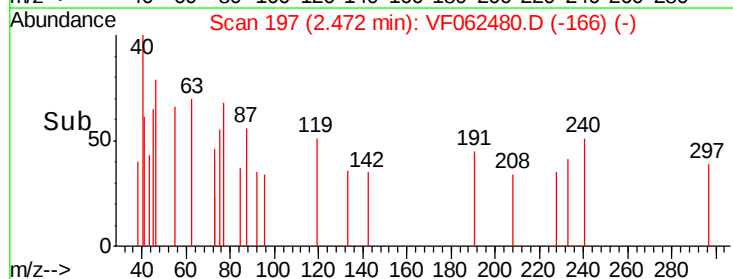
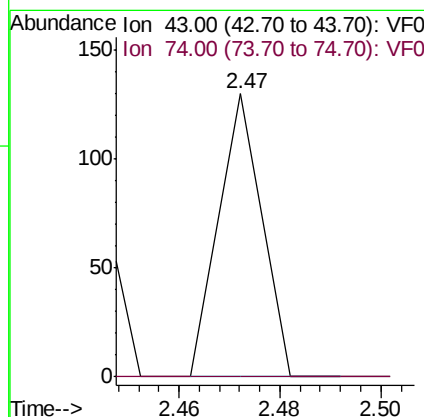
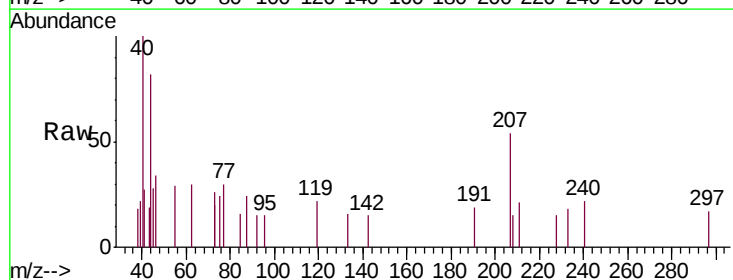
Instrument :
MSVOA_F
ClientSampleId :
P021-SS003-1824-01

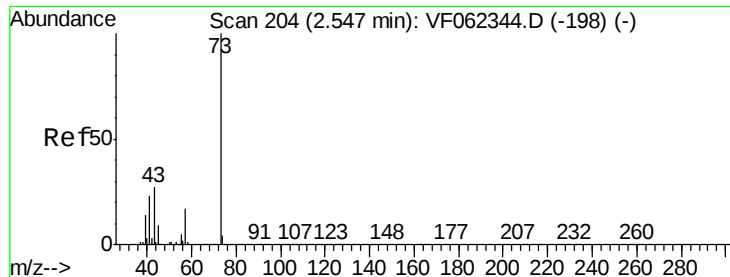
Tgt Ion: 76 Resp: 135
Ion Ratio Lower Upper
76 100
78 0.0 9.0 13.4#



#18
Methyl Acetate
Concen: 46.367 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Tgt Ion: 43 Resp: 77
Ion Ratio Lower Upper
43 100
74 0.0 15.0 22.4#



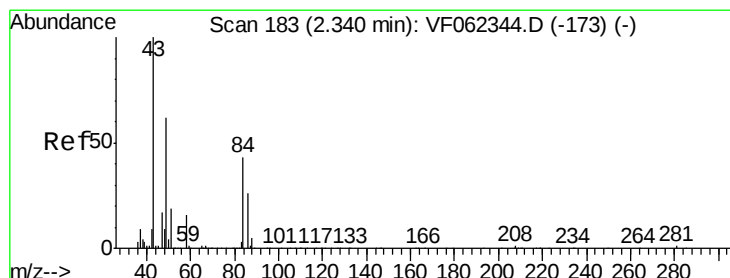
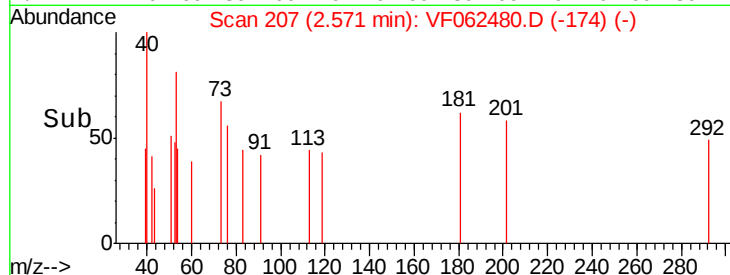
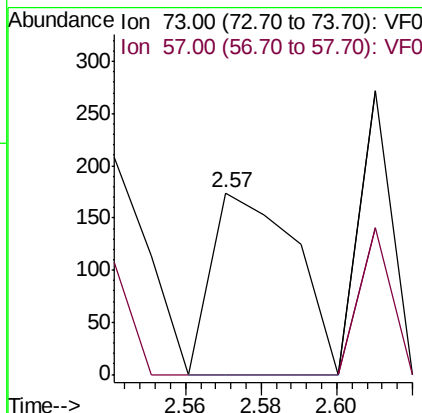
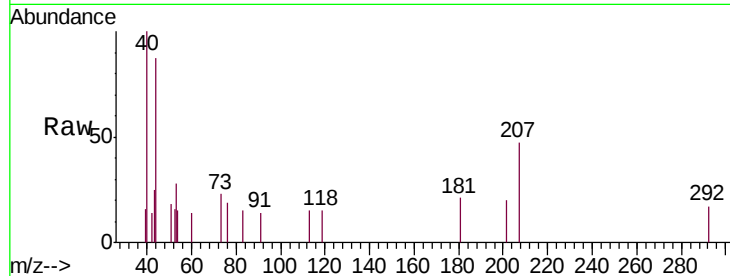


#19

Methyl tert-butyl Ether
 Concen: 35.592 ug/l
 RT: 2.57 min Scan# 207
 Delta R.T. 0.02 min
 Lab File: VF062480.D
 Acq: 12 May 2019 1:59

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS003-1824-01

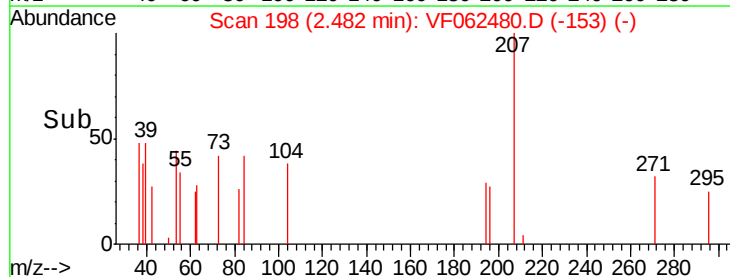
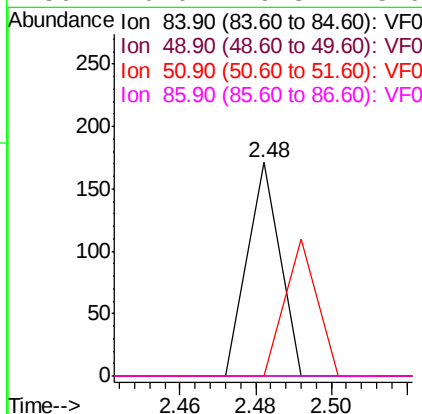
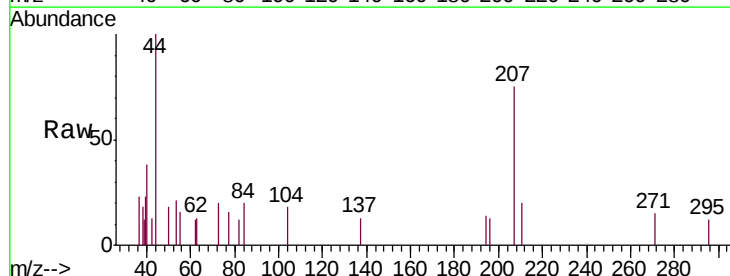
Tgt Ion: 73 Resp: 267
 Ion Ratio Lower Upper
 73 100
 57 0.0 13.7 20.5#

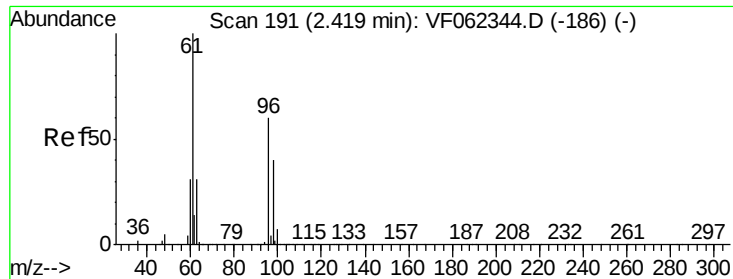


#20

Methylene Chloride
 Concen: 30.807 ug/l
 RT: 2.48 min Scan# 198
 Delta R.T. 0.14 min
 Lab File: VF062480.D
 Acq: 12 May 2019 1:59

Tgt Ion: 84 Resp: 101
 Ion Ratio Lower Upper
 84 100
 49 0.0 117.5 176.3#
 51 0.0 37.0 55.4#
 86 0.0 49.3 73.9#





#21

trans-1,2-Dichloroethene

Concen: 52.564 ug/l

RT: 2.41 min Scan# 191

Delta R.T. -0.01 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

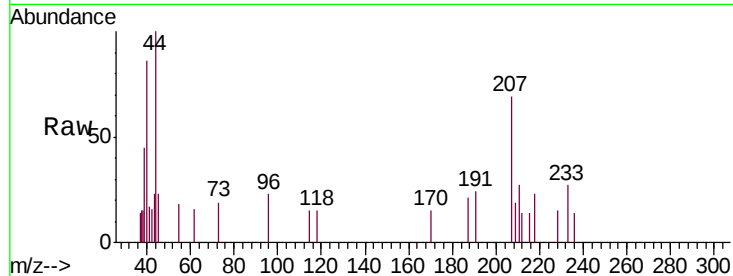
Tgt Ion: 96 Resp: 182

Ion Ratio Lower Upper

96 100

61 0.0 133.2 199.8#

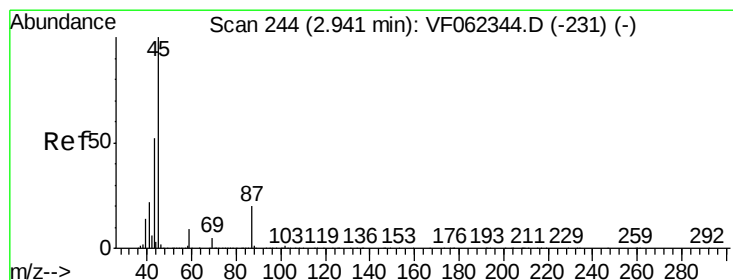
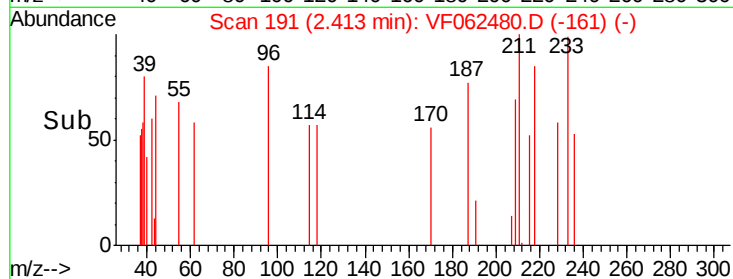
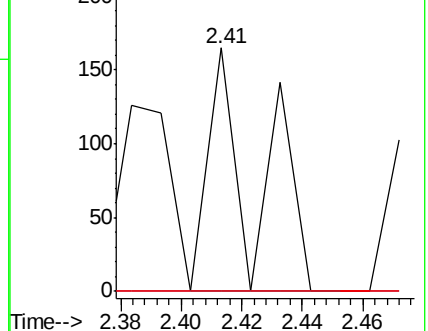
98 0.0 53.1 79.7#



Abundance Ion 95.90 (95.60 to 96.60): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 97.90 (97.60 to 98.60): VF0



#22

Diisopropyl ether

Concen: 27.010 ug/l

RT: 2.95 min Scan# 245

Delta R.T. 0.00 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Tgt Ion: 45 Resp: 271

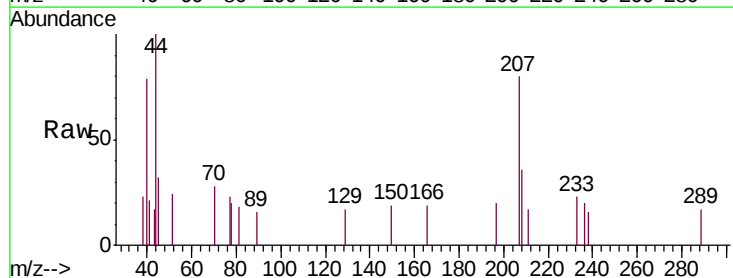
Ion Ratio Lower Upper

45 100

43 0.0 41.4 62.0#

87 0.0 15.8 23.6#

59 0.0 7.2 10.8#

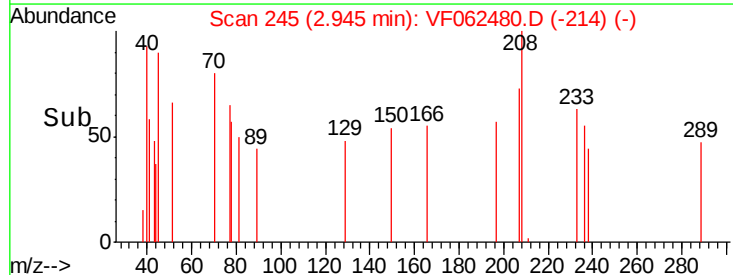
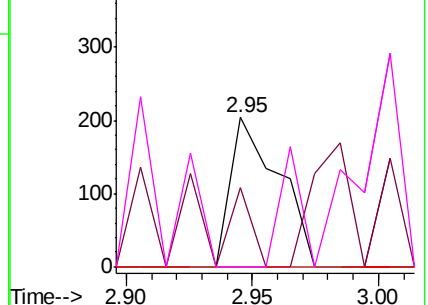


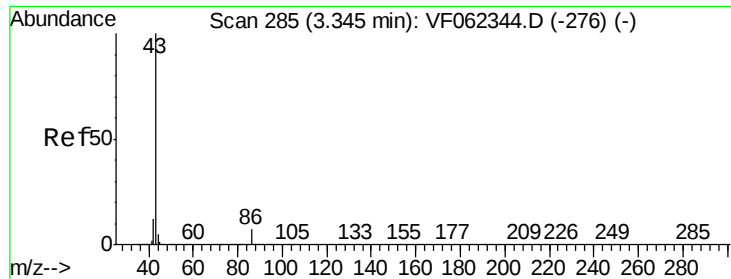
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 15.430 ug/l

RT: 3.38 min Scan# 289

Delta R.T. 0.03 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

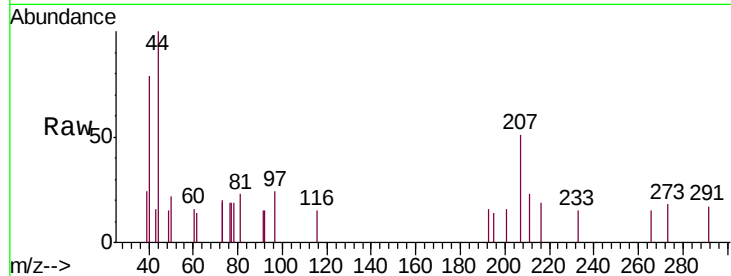
P021-SS003-1824-01

Tgt Ion: 43 Resp: 69

Ion Ratio Lower Upper

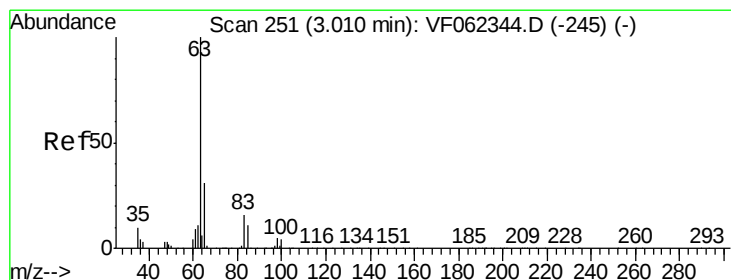
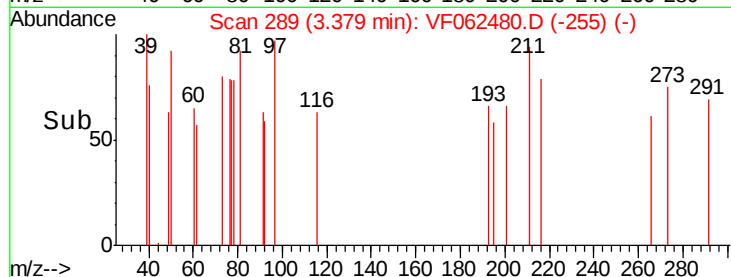
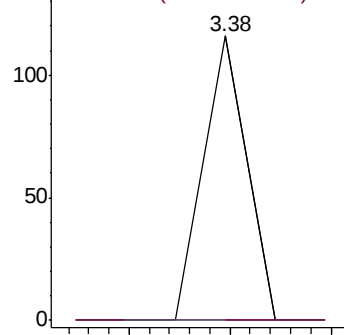
43 100

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



#24

1,1-Dichloroethane

Concen: 10.554 ug/l

RT: 2.94 min Scan# 244

Delta R.T. -0.07 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

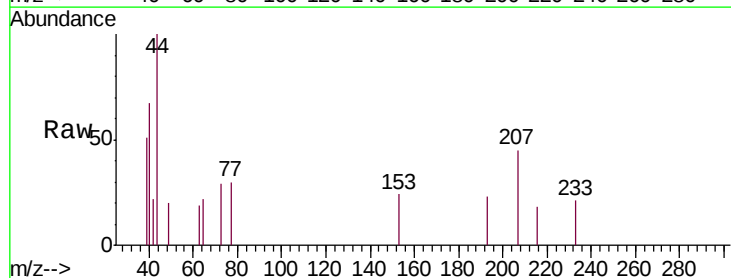
Tgt Ion: 63 Resp: 64

Ion Ratio Lower Upper

63 100

98 0.0 2.6 8.0#

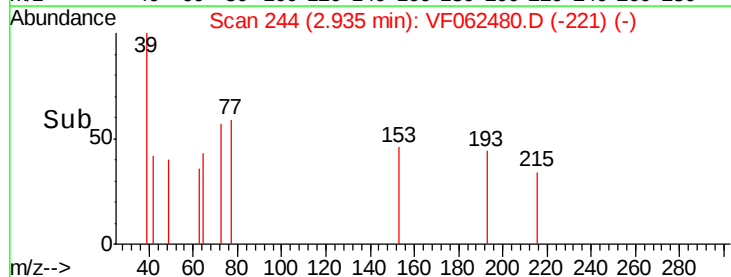
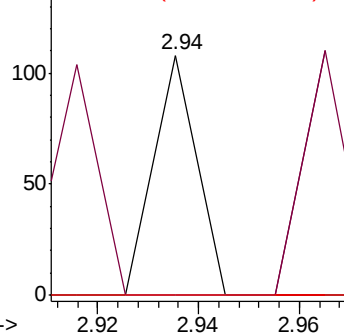
100 0.0 1.8 5.4#

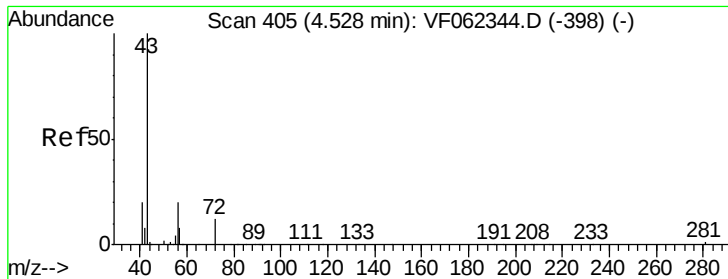


Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

Ion 99.90 (99.60 to 100.60): VF0





#25

2-Butanone

Concen: 230.138 ug/l

RT: 4.58 min Scan# 411

Delta R.T. 0.05 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

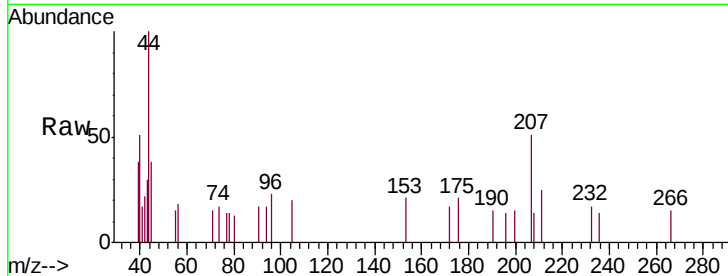
P021-SS003-1824-01

Tgt Ion: 43 Resp: 262

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

250

200

150

100

50

0

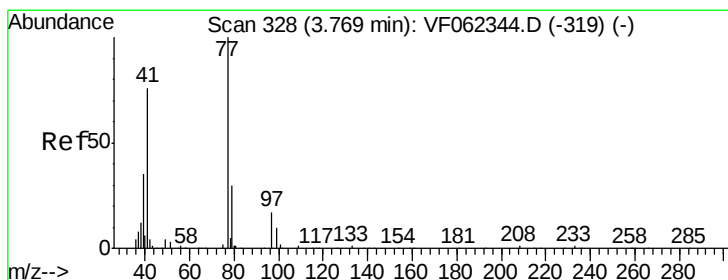
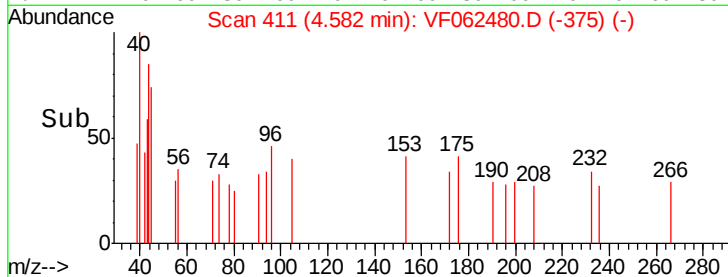
4.54

4.56

4.58

4.60

Time-->



#26

2,2-Dichloropropane

Concen: 69.987 ug/l

RT: 3.81 min Scan# 333

Delta R.T. 0.04 min

Lab File: VF062480.D

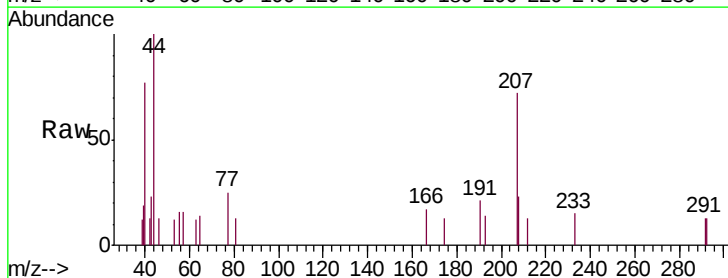
Acq: 12 May 2019 1:59

Tgt Ion: 77 Resp: 237

Ion Ratio Lower Upper

77 100

97 0.0 9.5 28.5#



Abundance Ion 76.90 (76.60 to 77.60): VF0

Ion 96.90 (96.60 to 97.60): VF0

200

150

100

50

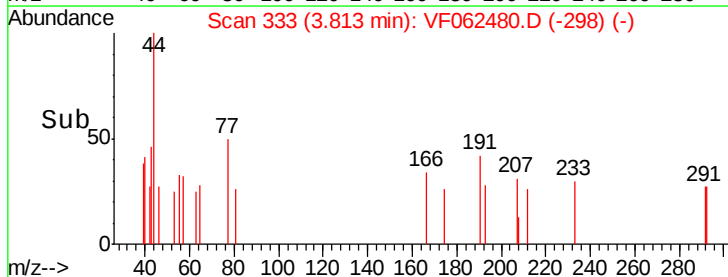
0

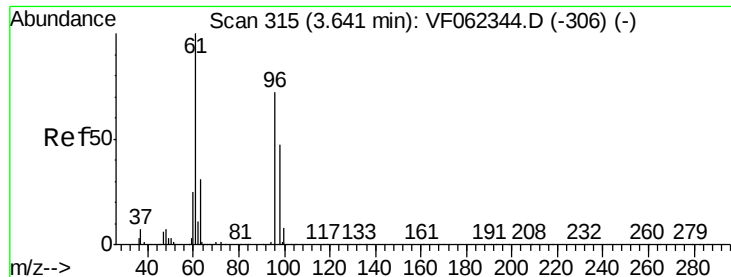
3.78

3.80

3.82

Time-->



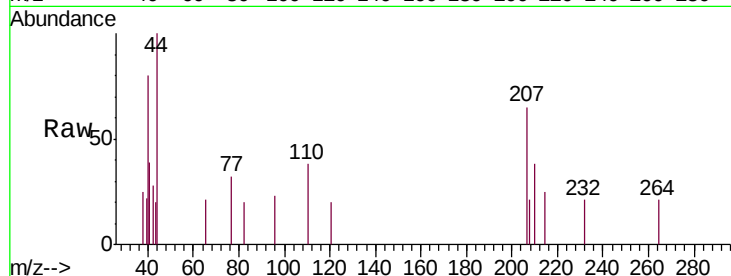


#27

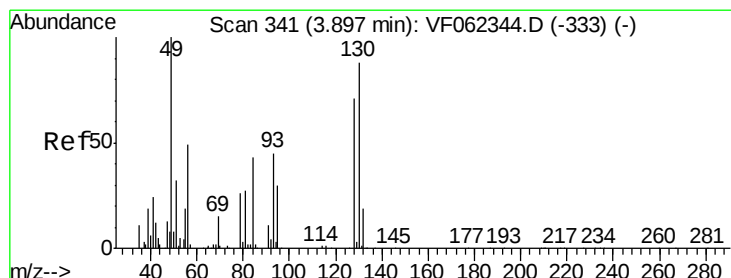
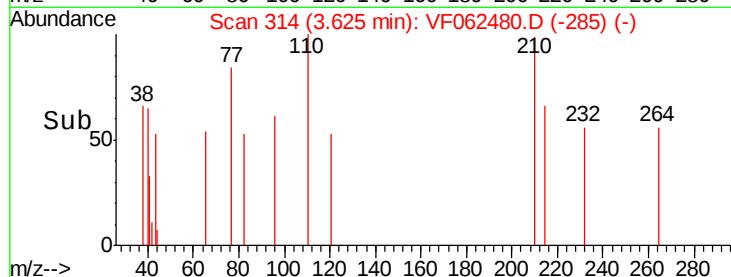
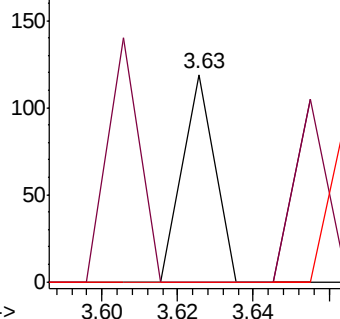
cis-1,2-Dichloroethene
Concen: 16.174 ug/l
RT: 3.63 min Scan# 314
Delta R.T. -0.02 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS003-1824-01

Tgt Ion: 96 Resp: 70
Ion Ratio Lower Upper
96 100
61 118.6 0.0 263.0
98 0.0 0.0 130.8



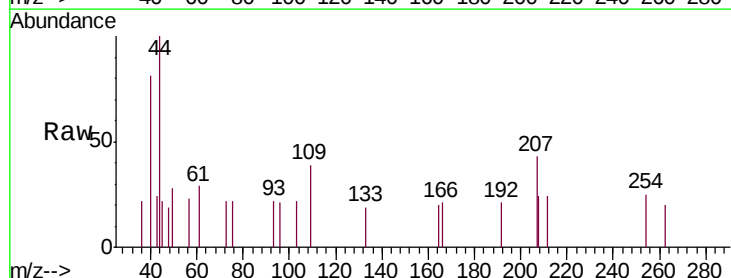
Abundance Ion 95.90 (95.60 to 96.60): VF0
Ion 60.90 (60.60 to 61.60): VF0
Ion 97.90 (97.60 to 98.60): VF0



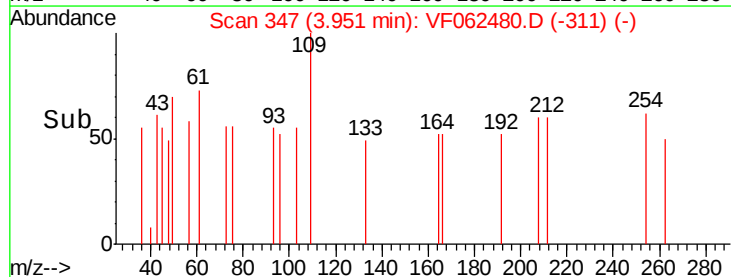
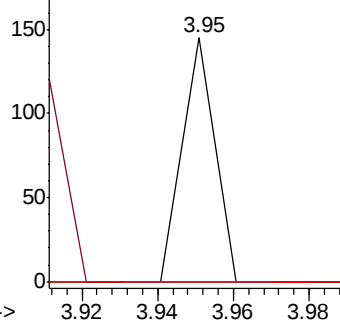
#28

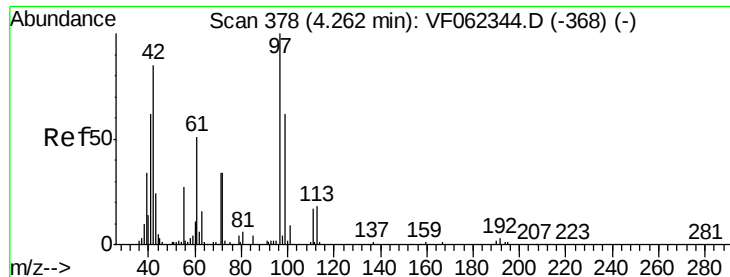
Bromochloromethane
Concen: 31.272 ug/l
RT: 3.95 min Scan# 347
Delta R.T. 0.05 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Tgt Ion: 49 Resp: 86
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: 359.310 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.03 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

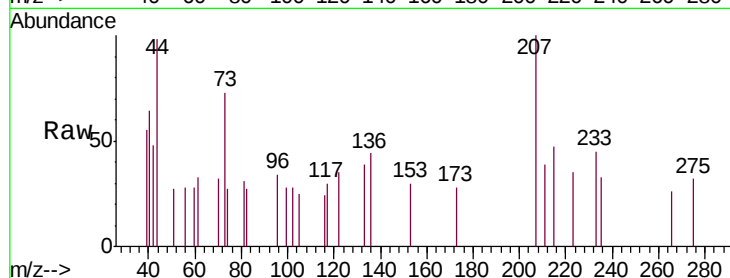
Tgt Ion: 42 Resp: 188

Ion Ratio Lower Upper

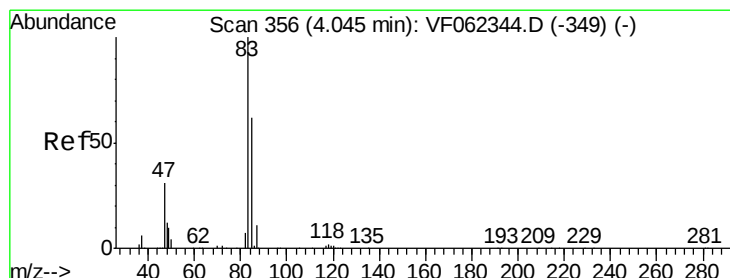
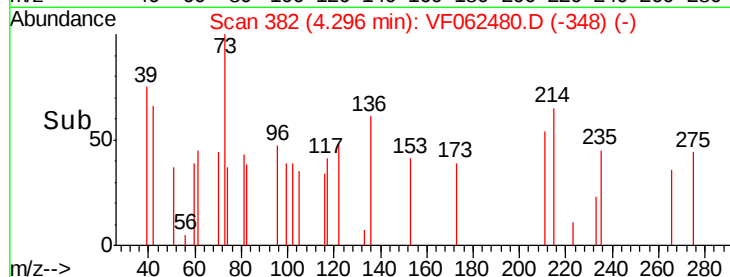
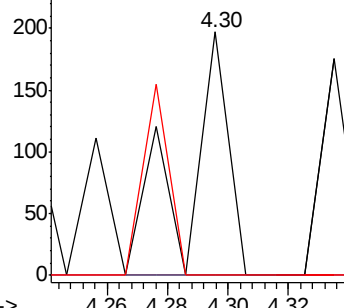
42 100

72 0.0 31.4 47.0#

71 48.9 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



#30

Chloroform

Concen: 13.061 ug/l

RT: 4.09 min Scan# 361

Delta R.T. 0.04 min

Lab File: VF062480.D

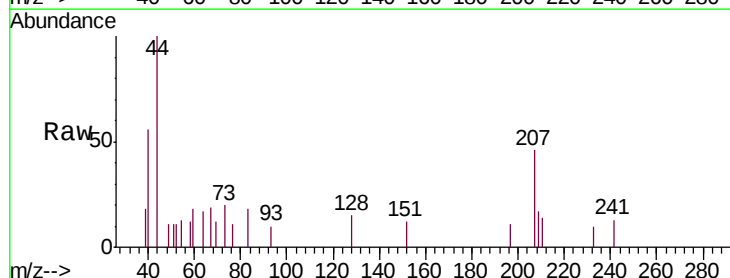
Acq: 12 May 2019 1:59

Tgt Ion: 83 Resp: 107

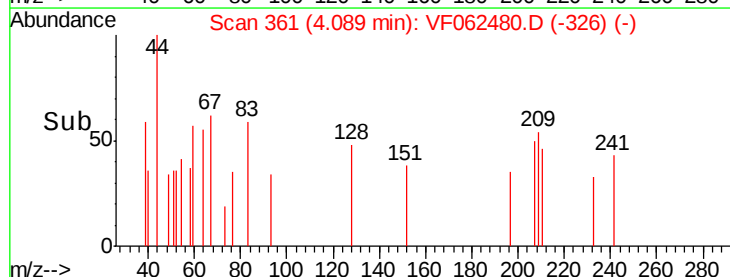
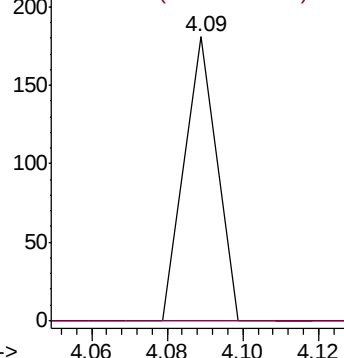
Ion Ratio Lower Upper

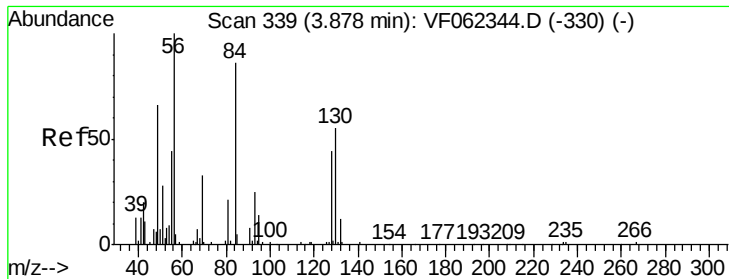
83 100

85 0.0 49.6 74.4#



Abundance Ion 82.90 (82.60 to 83.60): VF0
Ion 84.90 (84.60 to 85.60): VF0

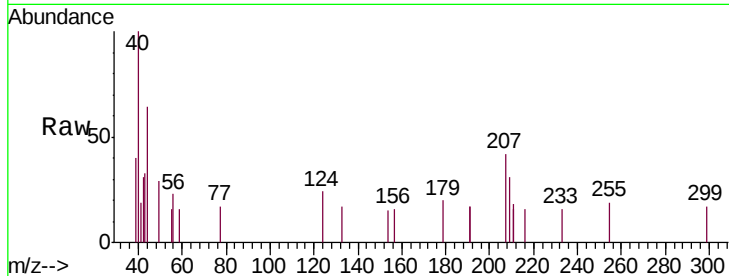




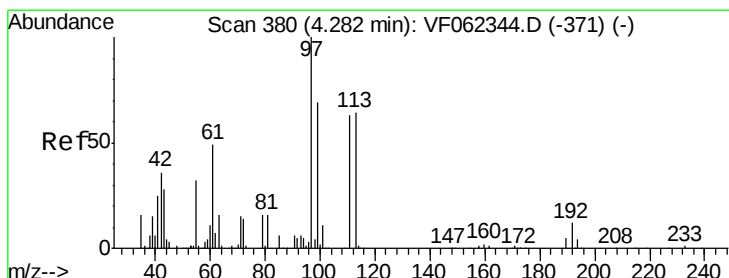
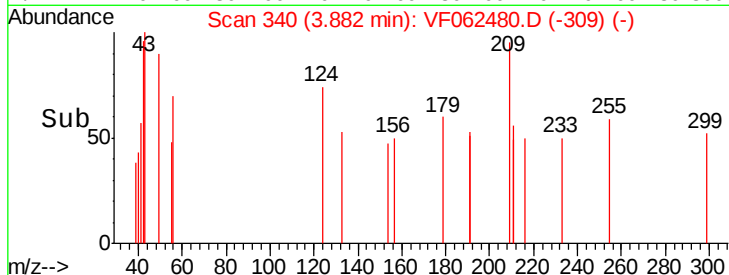
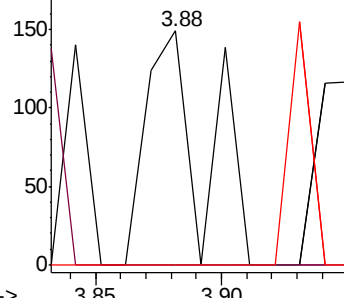
#31
Cyclohexane
Concen: 50.412 ug/l
RT: 3.88 min Scan# 340
Delta R.T. 0.00 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS003-1824-01

Tgt Ion: 56 Resp: 244
Ion Ratio Lower Upper
56 100
69 0.0 26.4 39.6#
84 0.0 69.0 103.6#

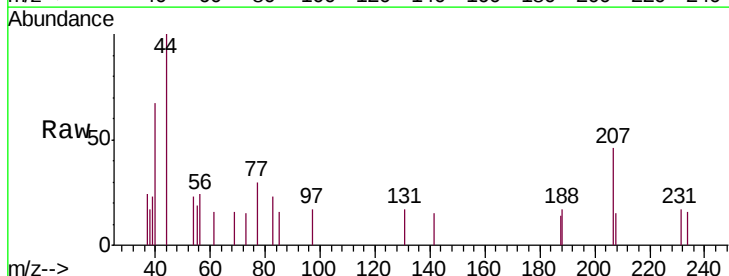


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

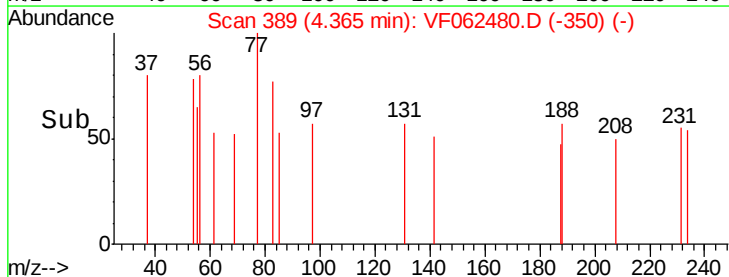
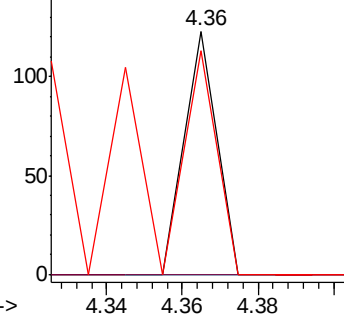


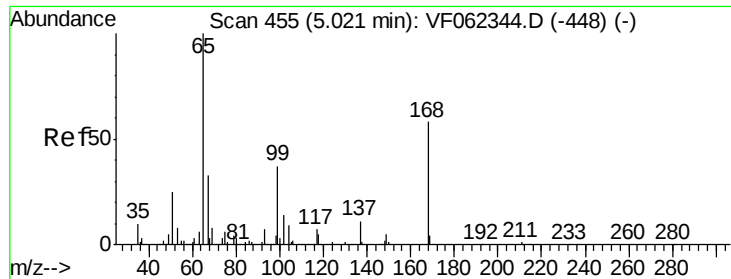
#32
1,1,1-Trichloroethane
Concen: 10.397 ug/l
RT: 4.36 min Scan# 389
Delta R.T. 0.08 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Tgt Ion: 97 Resp: 73
Ion Ratio Lower Upper
97 100
99 0.0 52.6 78.8#
61 176.7 39.4 59.0#



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

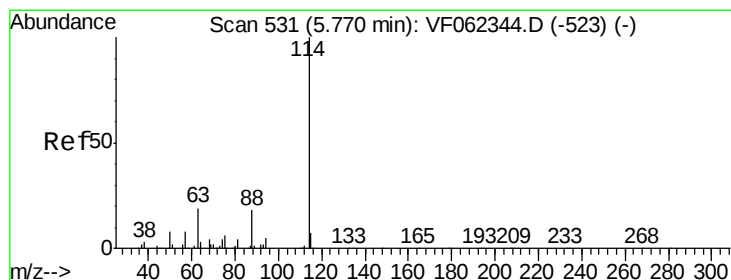
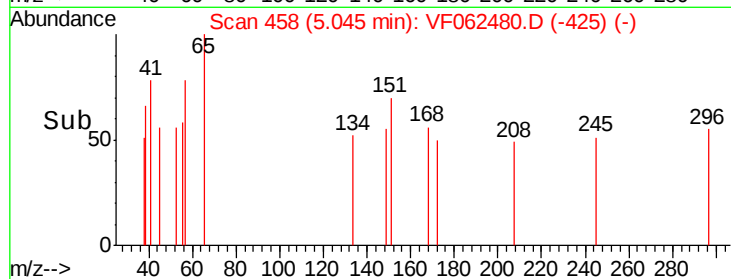
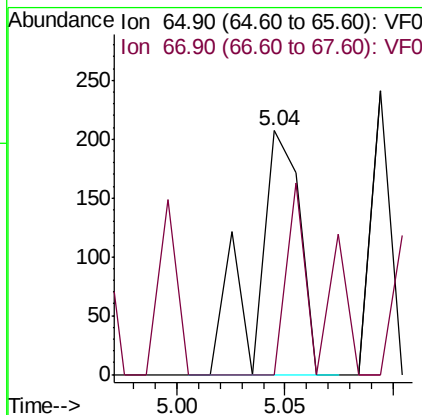
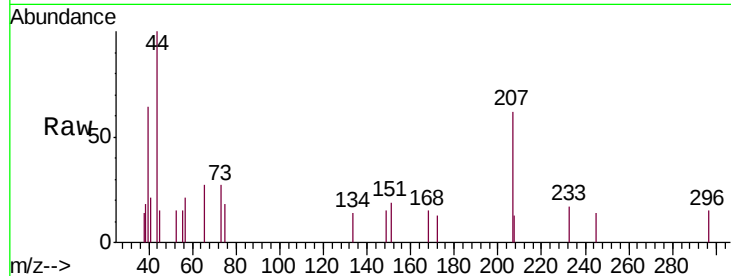




#33
 1,2-Dichloroethane-d4
 Concen: 66.079 ug/l
 RT: 5.04 min Scan# 458
 Delta R.T. 0.02 min
 Lab File: VF062480.D
 Acq: 12 May 2019 1:59

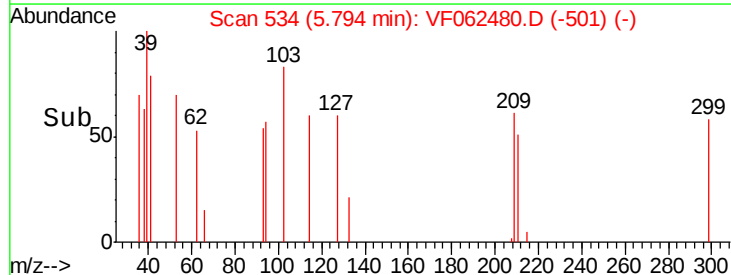
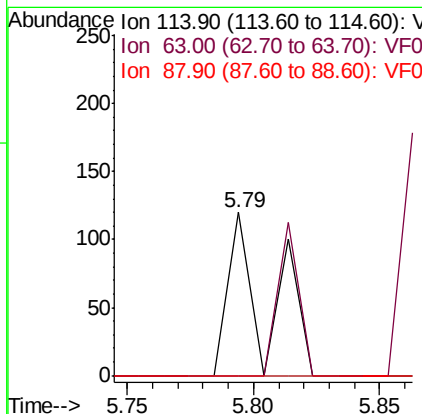
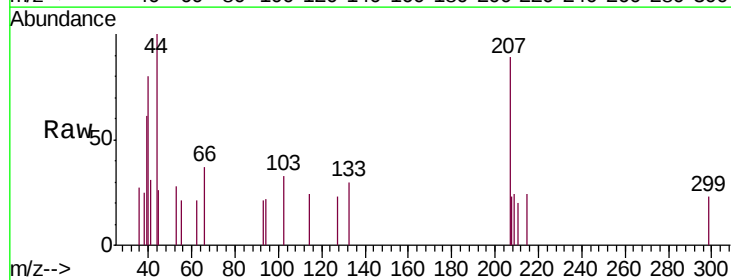
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS003-1824-01

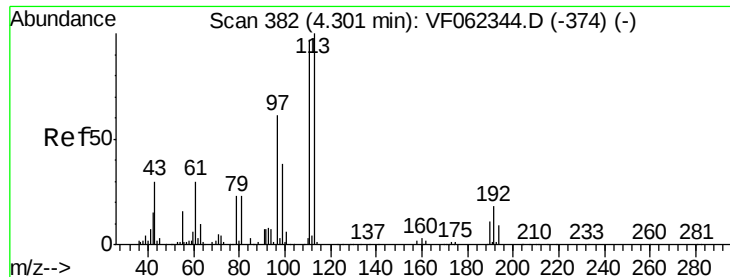
Tgt Ion: 65 Resp: 296
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VF062480.D
 Acq: 12 May 2019 1:59

Tgt Ion: 114 Resp: 130
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 37.4
 88 0.0 0.0 36.4





#35

Dibromofluoromethane

Concen: 77.243 ug/l

RT: 4.22 min Scan# 374

Delta R.T. -0.08 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

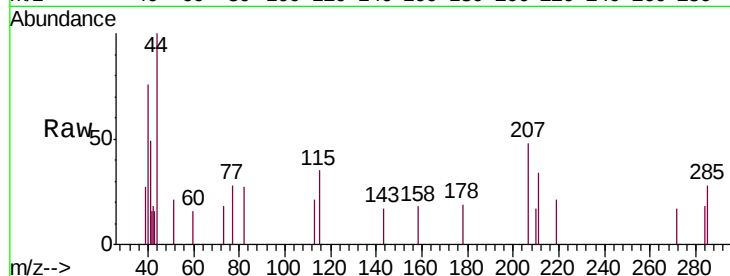
Tgt Ion: 113 Resp: 80

Ion Ratio Lower Upper

113 100

111 0.0 79.4 119.0#

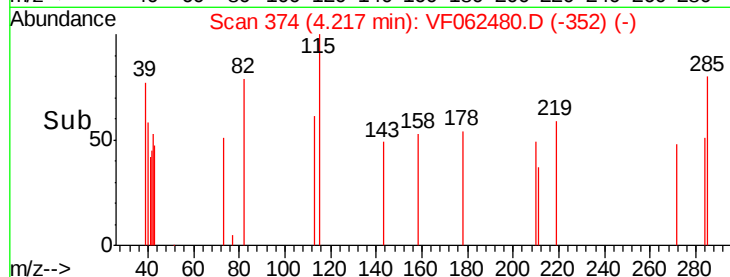
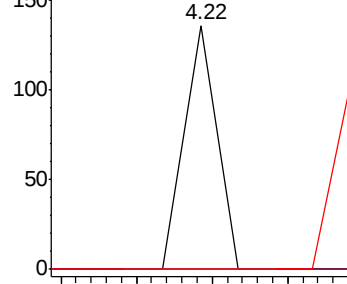
192 0.0 16.0 24.0#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 99.396 ug/l

RT: 4.59 min Scan# 412

Delta R.T. 0.12 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

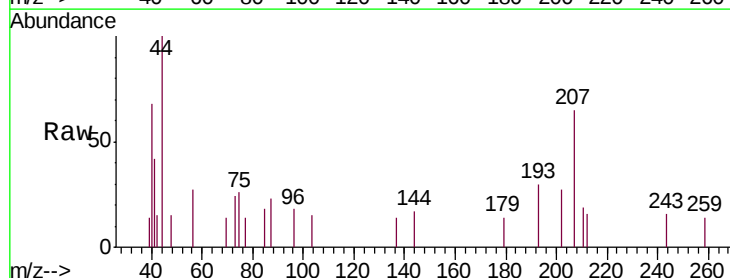
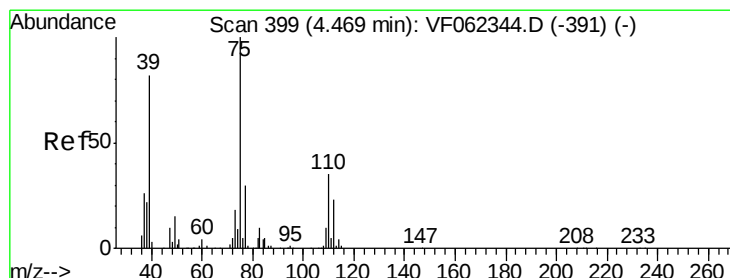
Tgt Ion: 75 Resp: 111

Ion Ratio Lower Upper

75 100

110 0.0 17.2 51.5#

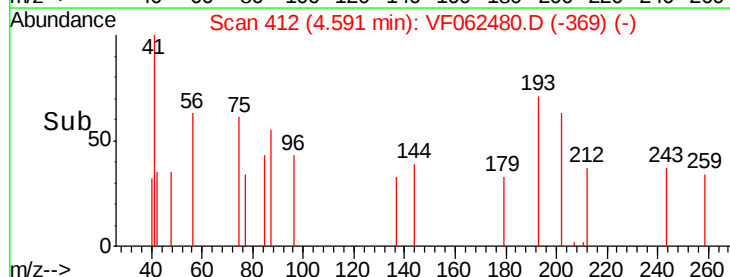
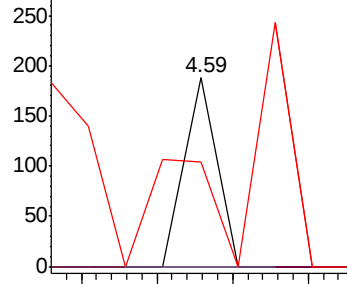
77 112.6 25.2 37.8#

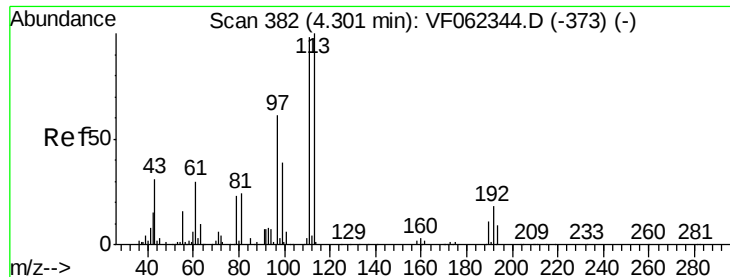


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VF0

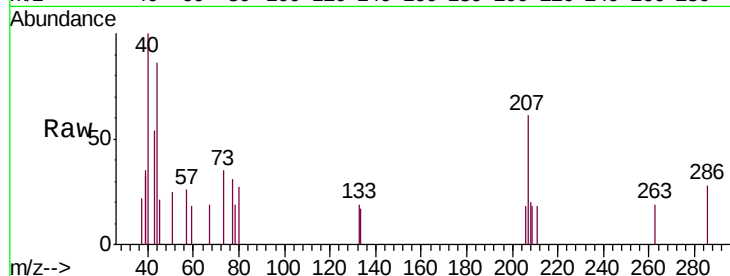




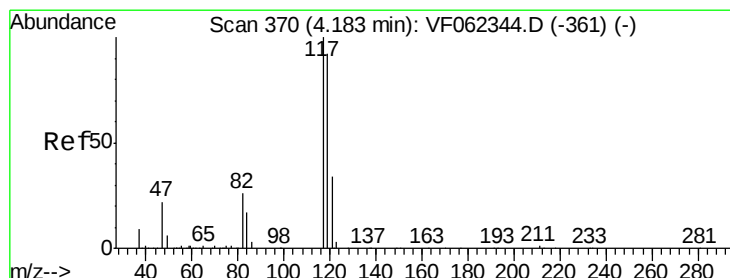
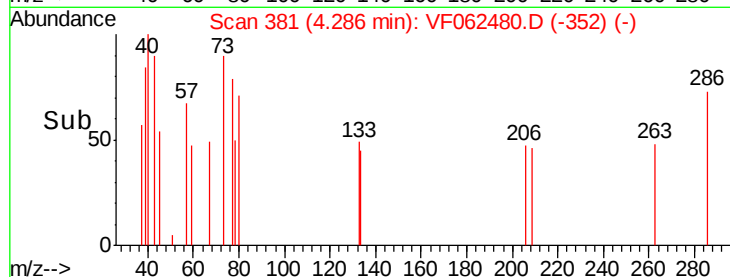
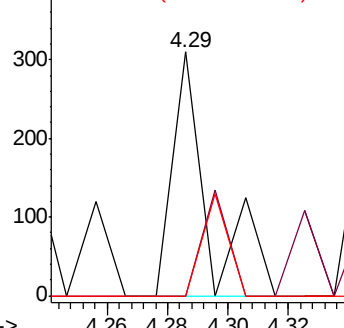
#37
Ethyl Acetate
Concen: 654.708 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.02 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS003-1824-01

Tgt Ion: 43 Resp: 257
Ion Ratio Lower Upper
43 100
61 31.1 0.0 0.0#
70 30.0 8.2 12.2#

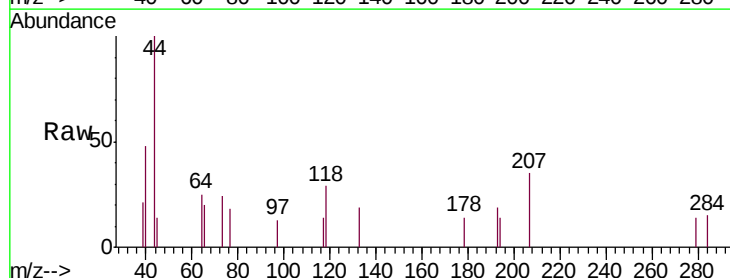


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 60.90 (60.60 to 61.60): VF0
Ion 70.00 (69.70 to 70.70): VF0

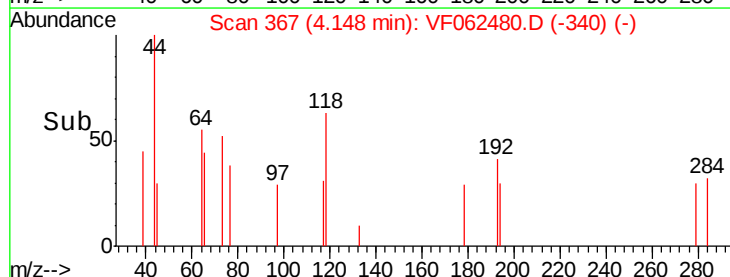
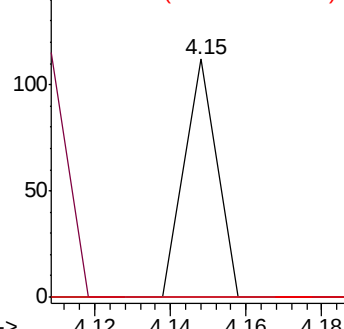


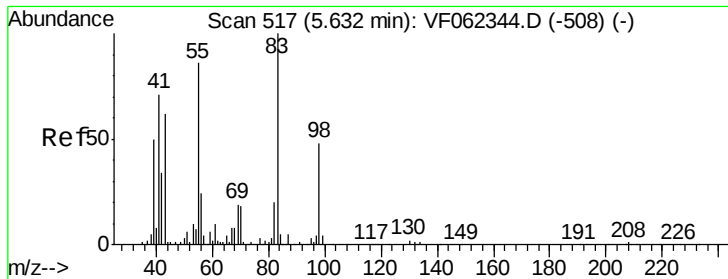
#38
Carbon Tetrachloride
Concen: 57.389 ug/l
RT: 4.15 min Scan# 367
Delta R.T. -0.04 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Tgt Ion: 117 Resp: 66
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: 60.714 ug/l

RT: 5.71 min Scan# 525

Delta R.T. 0.07 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

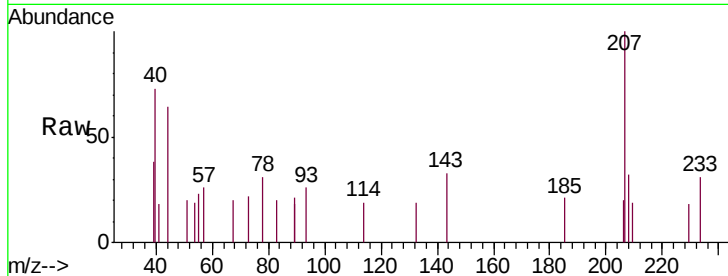
Tgt Ion: 83 Resp: 68

Ion Ratio Lower Upper

83 100

55 17.4 69.0 103.6#

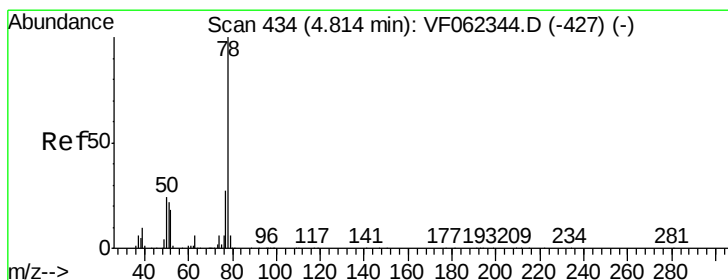
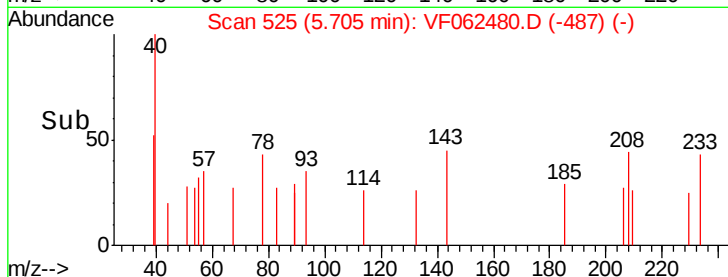
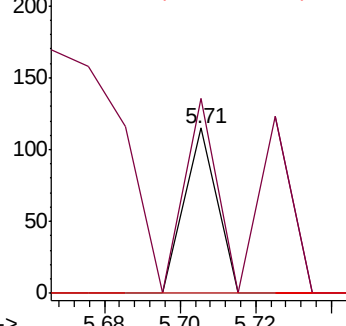
98 0.0 38.6 58.0#



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



#40

Benzene

Concen: 59.777 ug/l

RT: 4.87 min Scan# 440

Delta R.T. 0.05 min

Lab File: VF062480.D

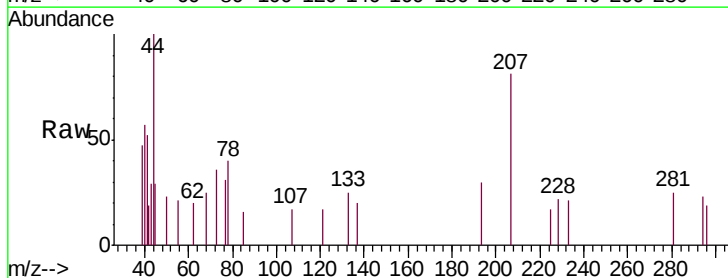
Acq: 12 May 2019 1:59

Tgt Ion: 78 Resp: 147

Ion Ratio Lower Upper

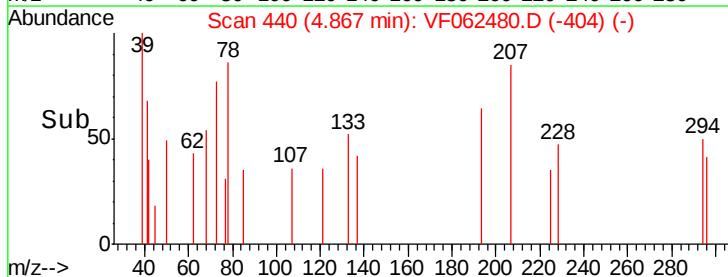
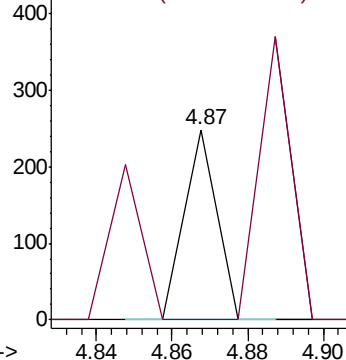
78 100

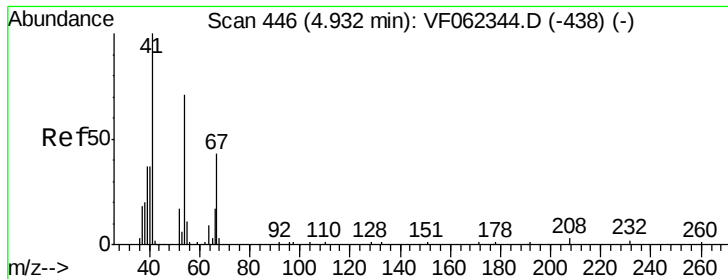
77 0.0 21.6 32.4#



Abundance Ion 78.00 (77.70 to 78.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#41

Methacrylonitrile

Concen: 1269.728 ug/l

RT: 4.96 min Scan# 449

Delta R.T. 0.02 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

Tgt Ion: 41 Resp: 340

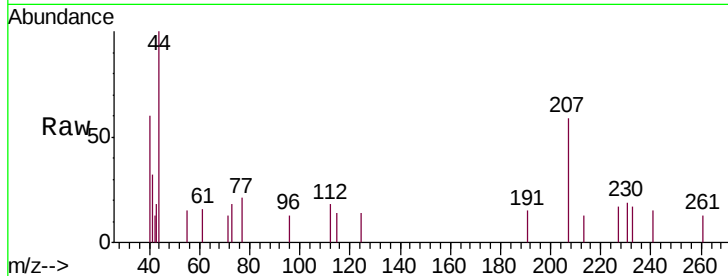
Ion Ratio Lower Upper

41 100

39 150.3 54.3 81.5#

67 24.4 37.8 56.8#

52 0.0 58.2 87.4#

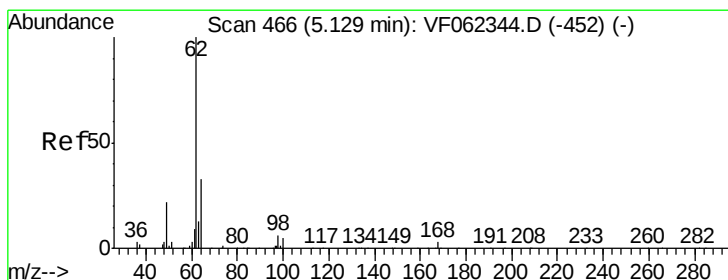
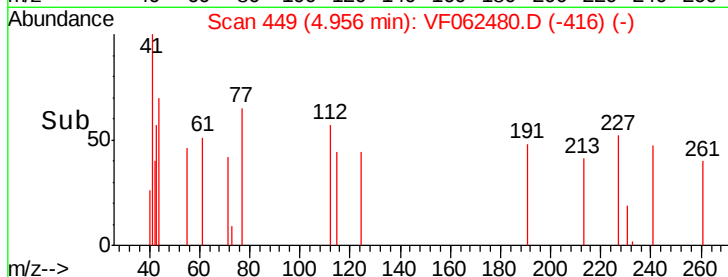
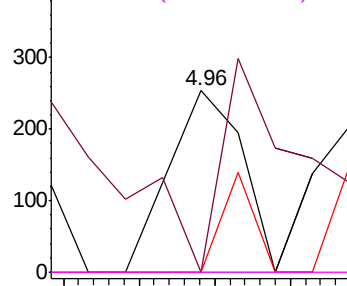


Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 83.617 ug/l

RT: 5.08 min Scan# 462

Delta R.T. -0.05 min

Lab File: VF062480.D

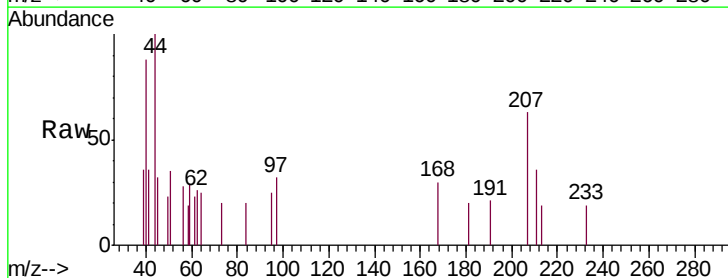
Acq: 12 May 2019 1:59

Tgt Ion: 62 Resp: 86

Ion Ratio Lower Upper

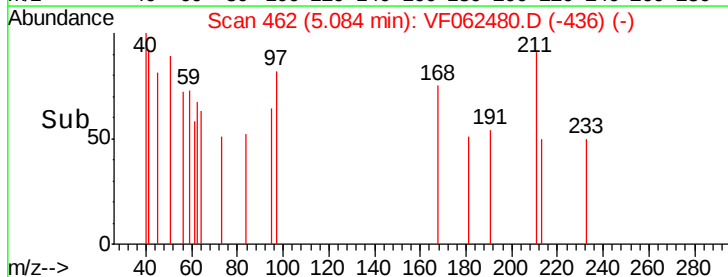
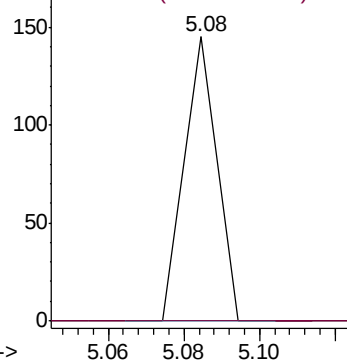
62 100

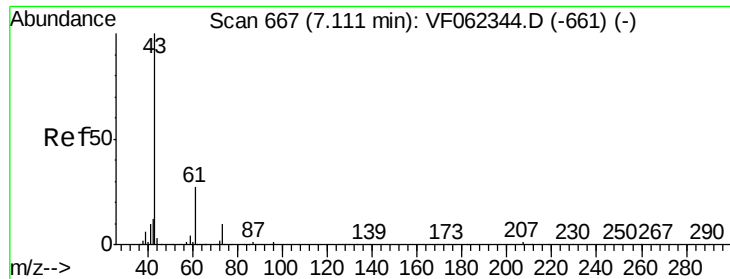
98 0.0 0.0 12.4



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0



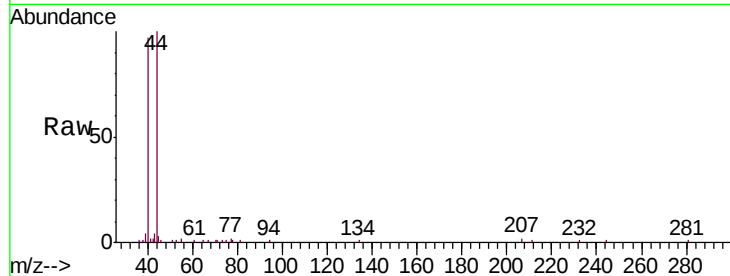


#43

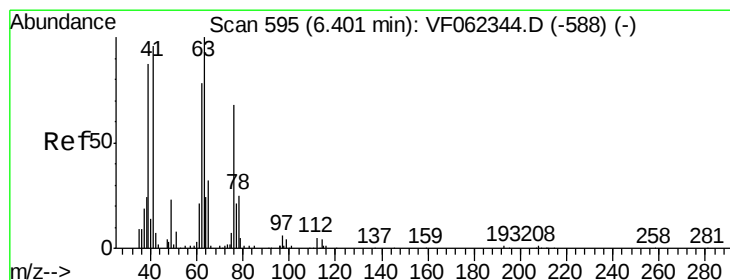
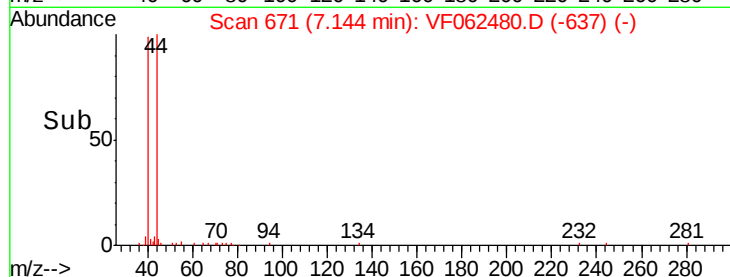
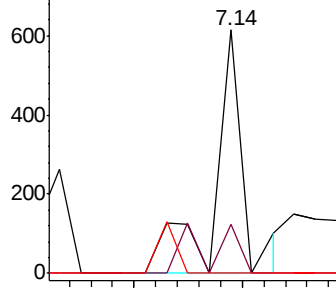
Isopropyl Acetate
 Concen: 1130.027 ug/l
 RT: 7.14 min Scan# 671
 Delta R.T. 0.03 min
 Lab File: VF062480.D
 Acq: 12 May 2019 1:59

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS003-1824-01

Tgt Ion: 43 Resp: 574
 Ion Ratio Lower Upper
 43 100
 61 0.0 22.8 34.2#
 87 0.0 0.6 1.0#



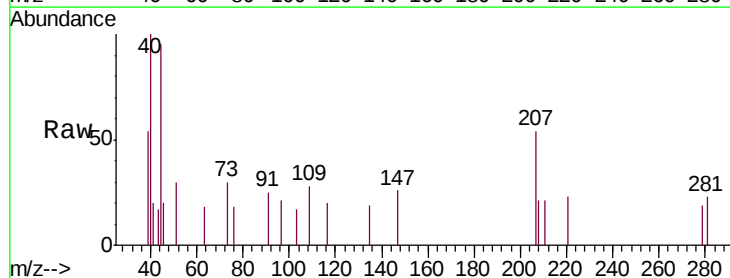
Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 87.00 (86.70 to 87.70): VF0



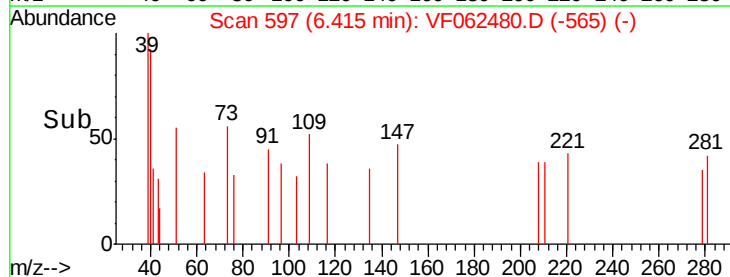
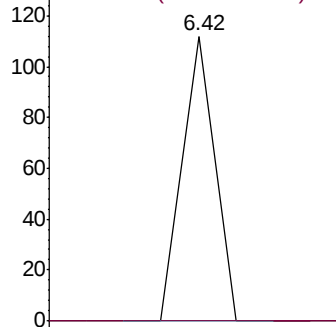
#45

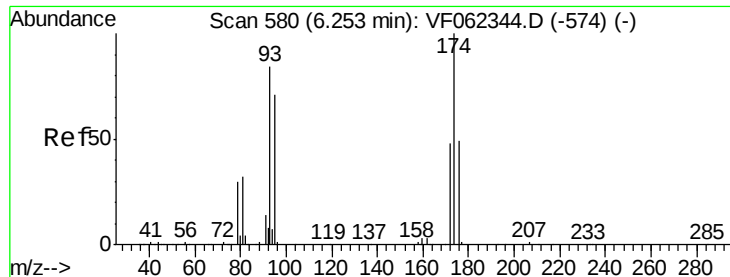
1,2-Dichloropropane
 Concen: 118.491 ug/l
 RT: 6.42 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: VF062480.D
 Acq: 12 May 2019 1:59

Tgt Ion: 63 Resp: 66
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.6 38.4#



Abundance Ion 62.90 (62.60 to 63.60): VF0
 Ion 64.90 (64.60 to 65.60): VF0





#46

Dibromomethane

Concen: 212.202 ug/l

RT: 6.31 min Scan# 586

Delta R.T. 0.05 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

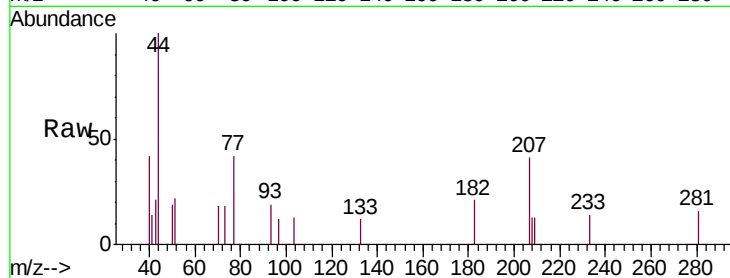
Tgt Ion: 93 Resp: 98

Ion Ratio Lower Upper

93 100

95 0.0 68.4 102.6#

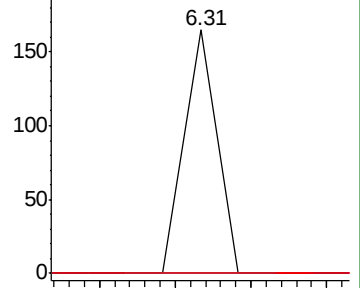
174 0.0 99.6 149.4#



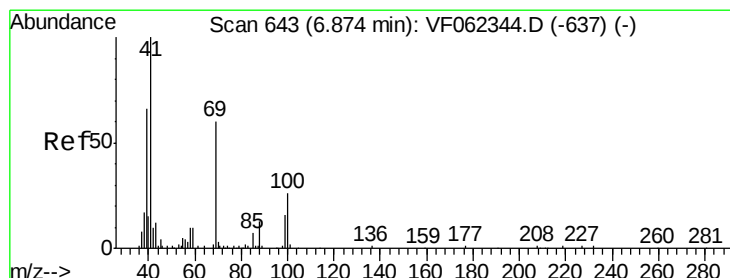
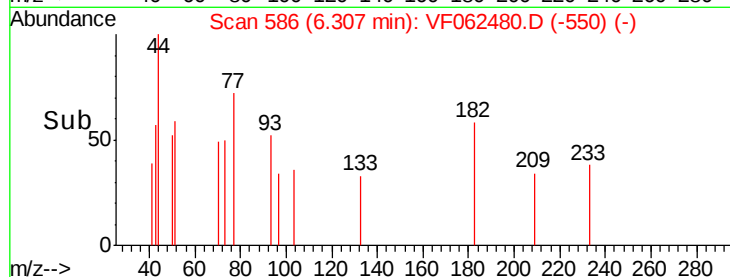
Abundance Ion 92.80 (92.50 to 93.50): VF0

Ion 94.80 (94.50 to 95.50): VF0

Ion 173.70 (173.40 to 174.40): V



Time-->



#48

Methyl methacrylate

Concen: 936.026 ug/l

RT: 6.94 min Scan# 650

Delta R.T. 0.06 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

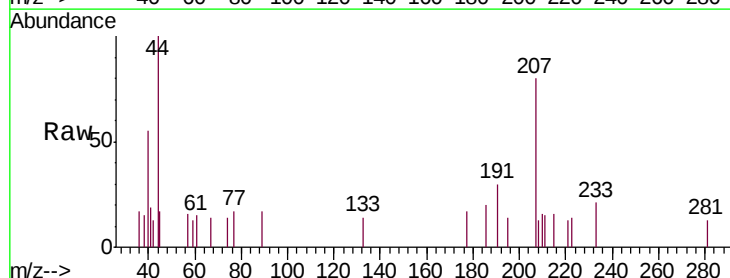
Tgt Ion: 41 Resp: 336

Ion Ratio Lower Upper

41 100

69 0.0 48.6 72.8#

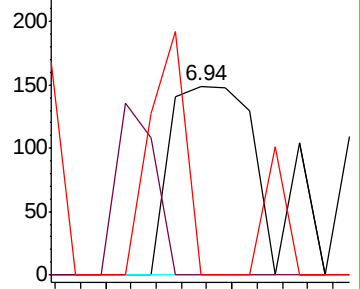
39 56.3 56.1 84.1



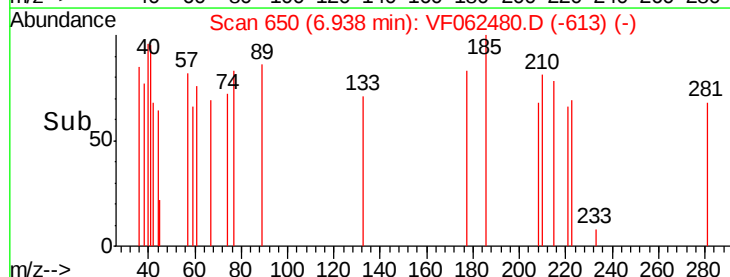
Abundance Ion 41.00 (40.70 to 41.70): VF0

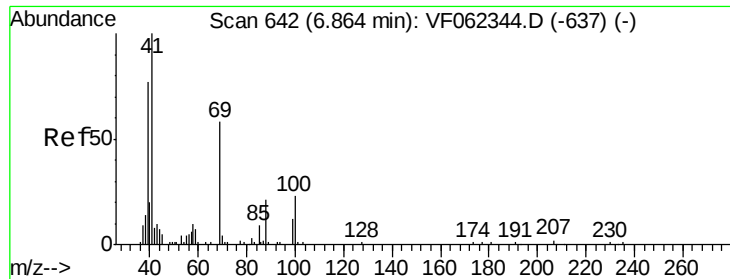
Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



Time-->

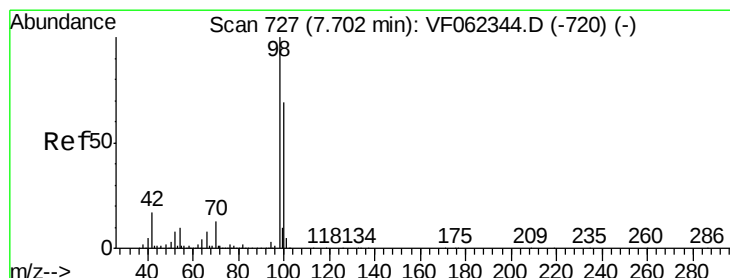
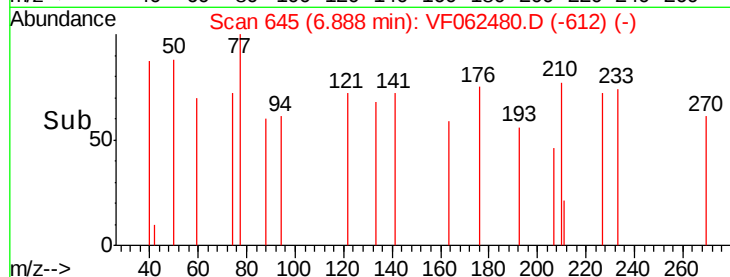
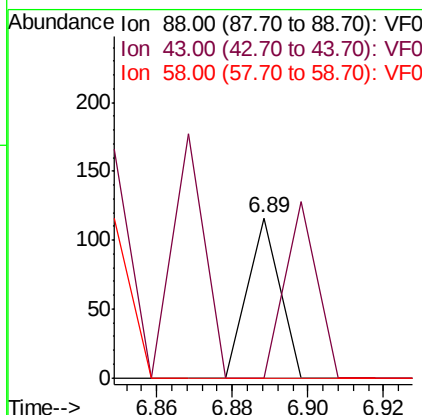
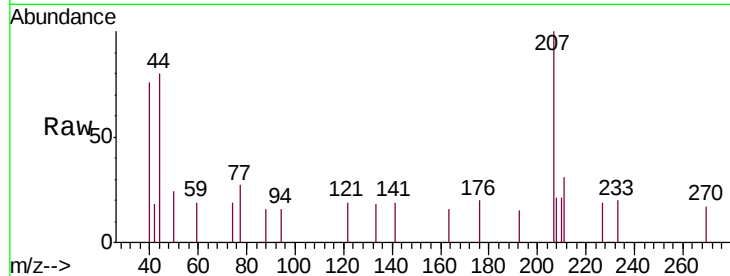




#49
1,4-Dioxane
Concen: 18923.905 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.02 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

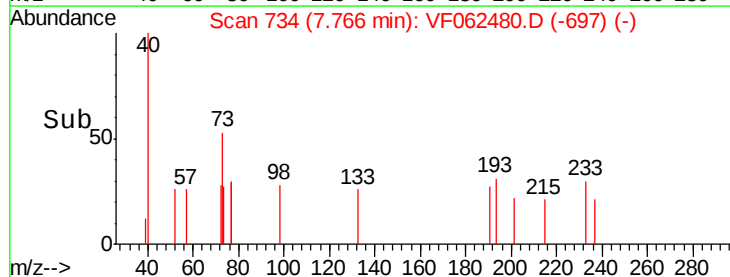
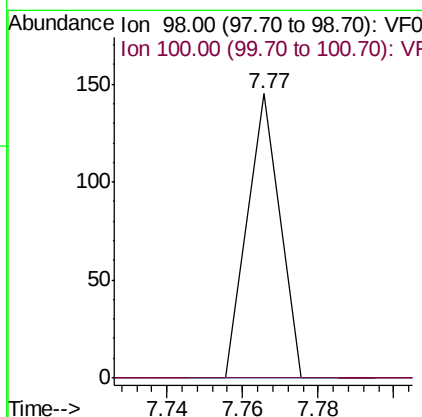
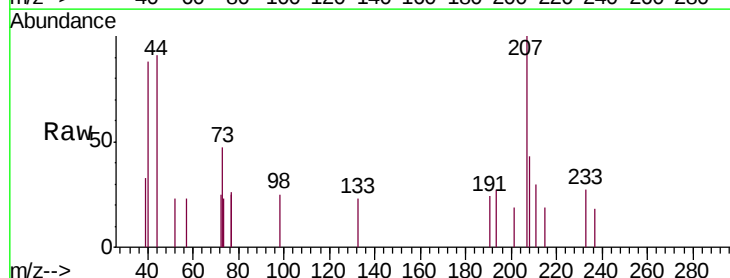
Instrument :
MSVOA_F
ClientSampleId :
P021-SS003-1824-01

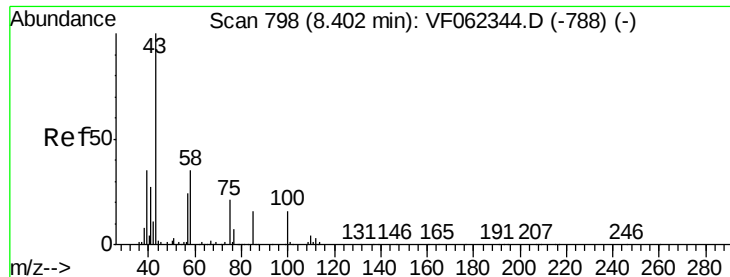
Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 110.1 55.6 83.4#
58 0.0 52.8 79.2#



#50
Toluene-d8
Concen: 34.303 ug/l
RT: 7.77 min Scan# 734
Delta R.T. 0.06 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Tgt Ion: 98 Resp: 86
Ion Ratio Lower Upper
98 100
100 0.0 53.3 79.9#

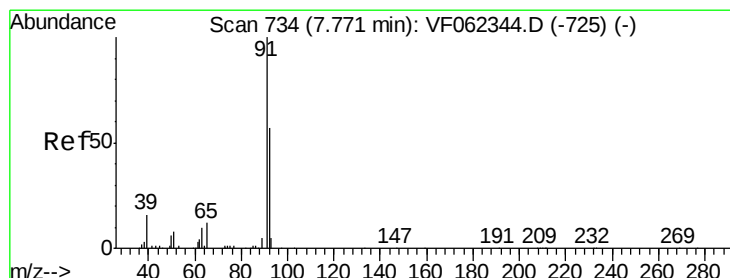
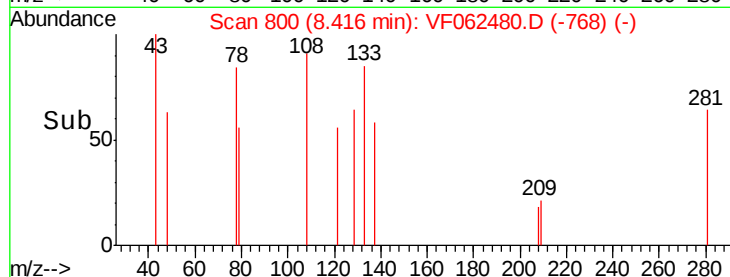
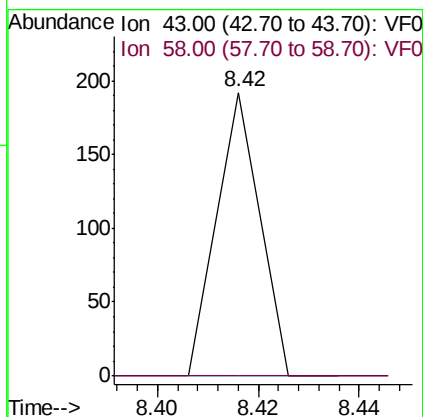
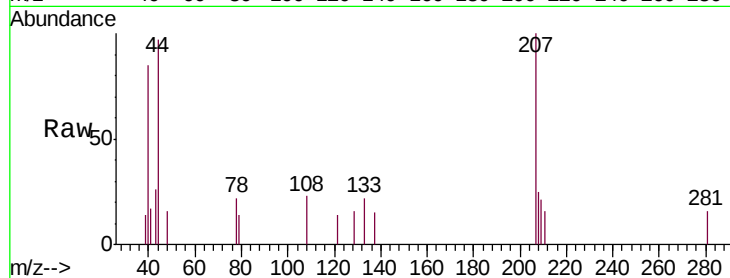




#51
 4-Methyl-2-Pentanone
 Concen: 296.183 ug/l
 RT: 8.42 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: VF062480.D
 Acq: 12 May 2019 1:59

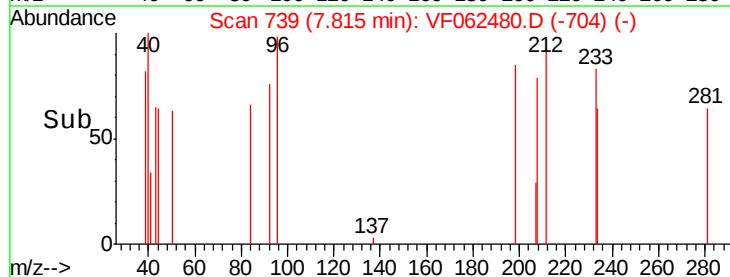
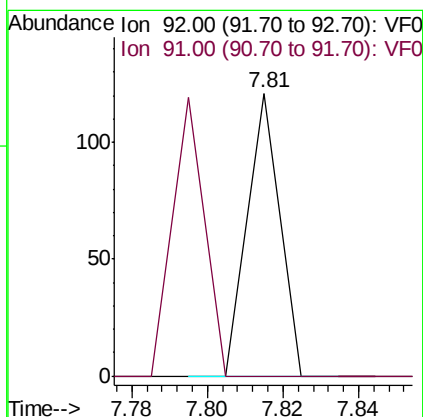
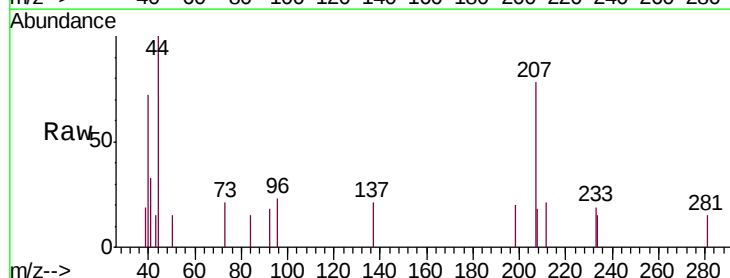
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS003-1824-01

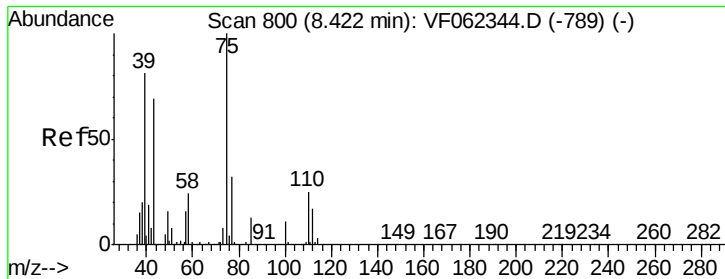
Tgt Ion: 43 Resp: 114
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.8 41.6#



#52
 Toluene
 Concen: 47.460 ug/l
 RT: 7.81 min Scan# 739
 Delta R.T. 0.04 min
 Lab File: VF062480.D
 Acq: 12 May 2019 1:59

Tgt Ion: 92 Resp: 72
 Ion Ratio Lower Upper
 92 100
 91 97.2 138.7 208.1#





#53

t-1,3-Dichloropropene

Concen: 67.561 ug/l

RT: 8.48 min Scan# 806

Delta R.T. 0.05 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

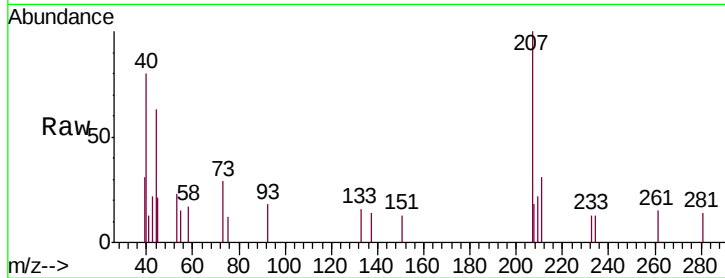
P021-SS003-1824-01

Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

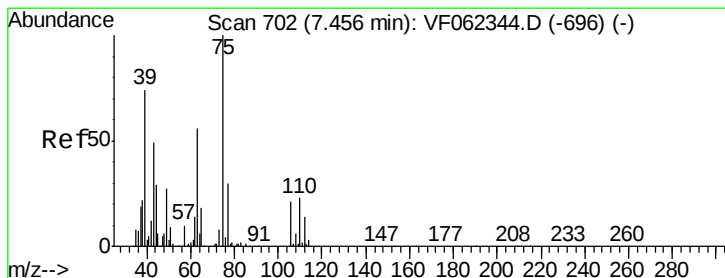
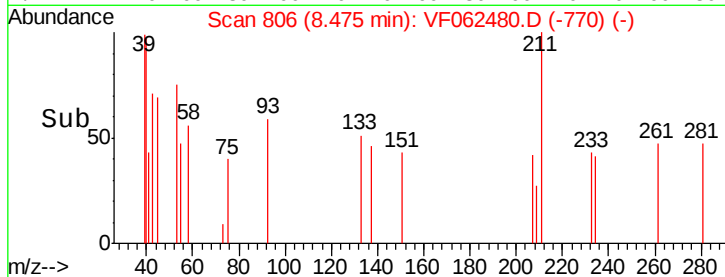
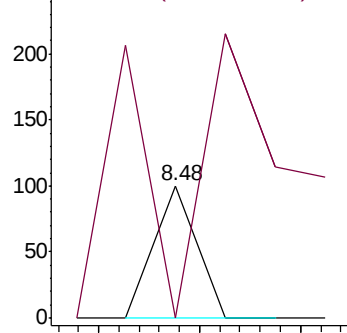
75 100

77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0



#54

cis-1,3-Dichloropropene

Concen: 61.987 ug/l

RT: 7.40 min Scan# 697

Delta R.T. -0.05 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

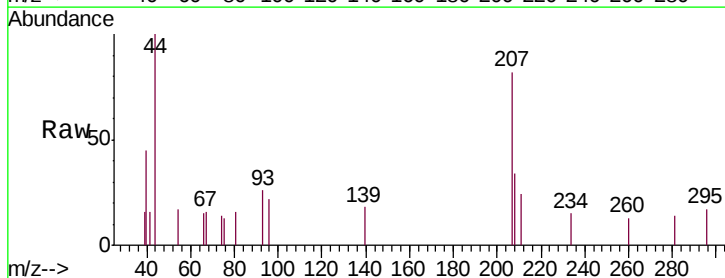
Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

77 0.0 24.0 36.0#

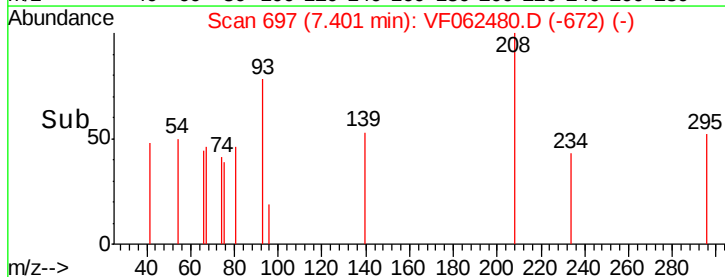
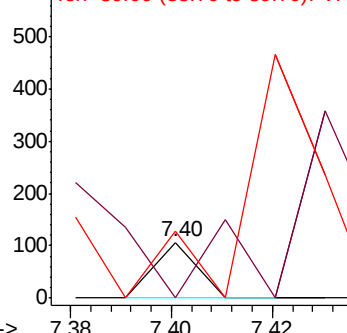
39 120.6 58.7 88.1#

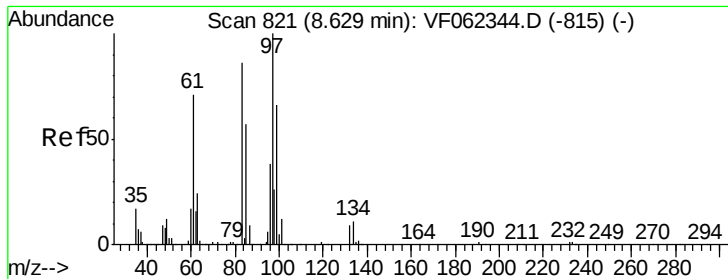


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 193.109 ug/l

RT: 8.85 min Scan# 844

Delta R.T. 0.22 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

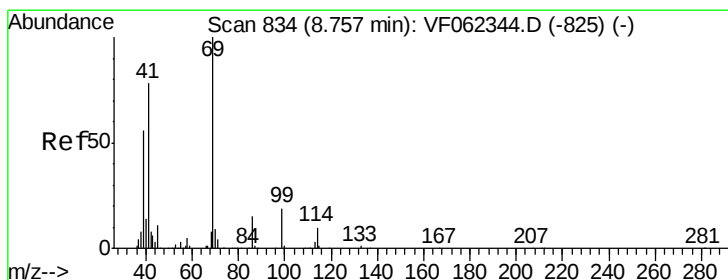
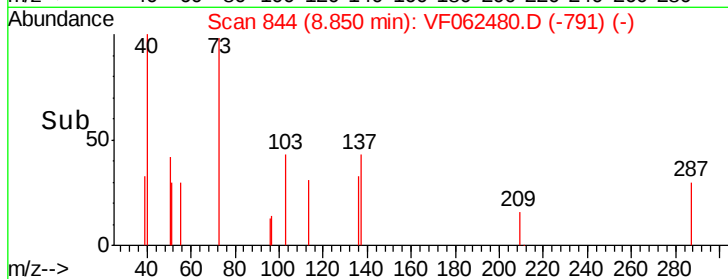
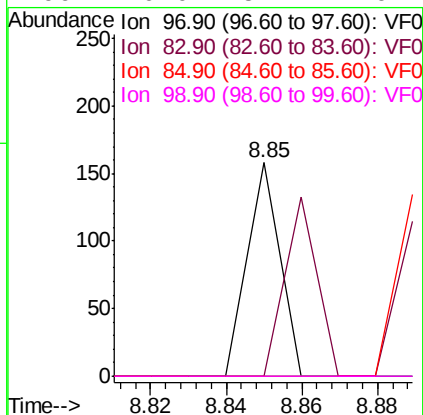
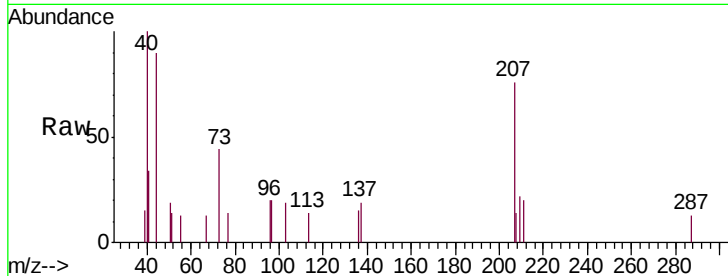
Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

Tgt Ion:	97	Resp:	93
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#



#56

Ethyl methacrylate

Concen: 118.024 ug/l

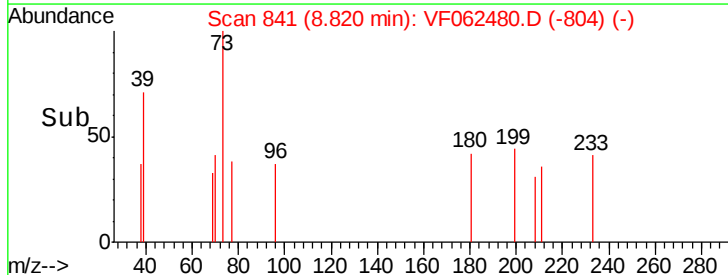
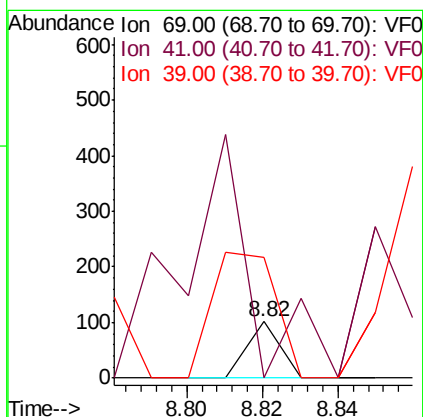
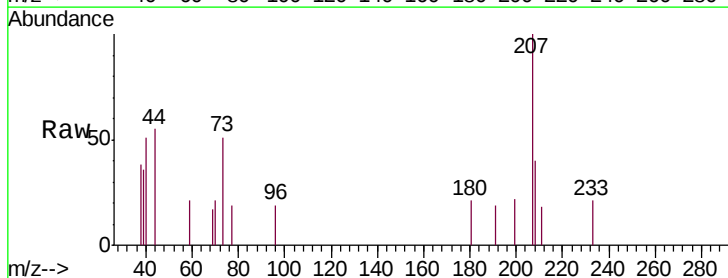
RT: 8.82 min Scan# 841

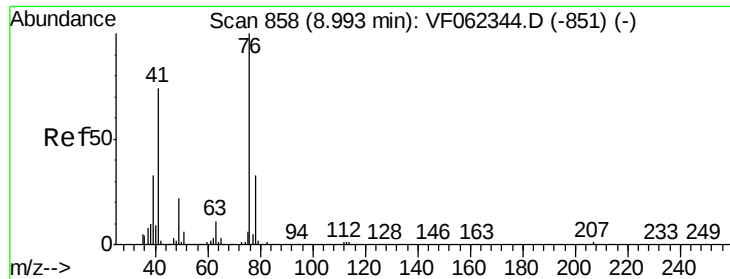
Delta R.T. 0.06 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Tgt Ion:	69	Resp:	60
Ion	Ratio	Lower	Upper
69	100		
41	941.7	66.3	99.5#
39	438.3	50.1	75.1#

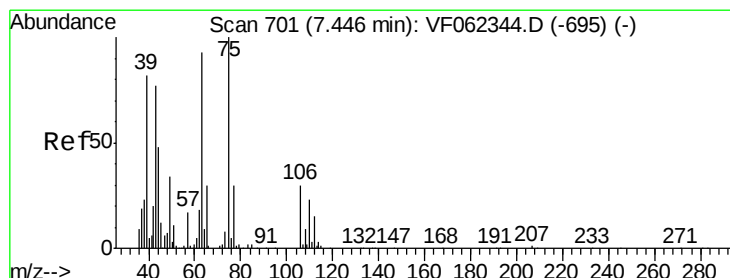
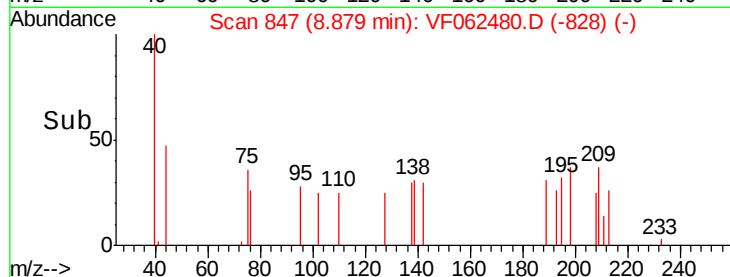
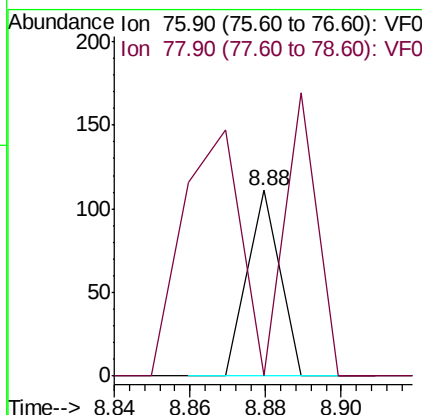
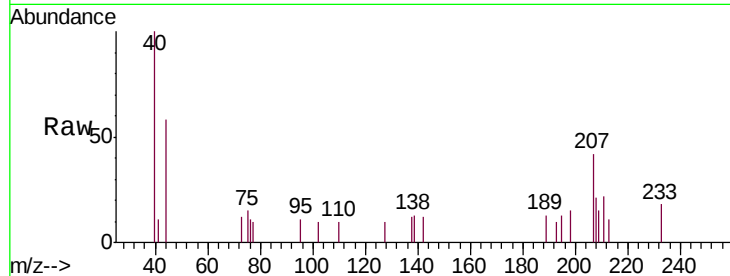




#57
 1,3-Dichloropropane
 Concen: 90.728 ug/l
 RT: 8.88 min Scan# 847
 Delta R.T. -0.11 min
 Lab File: VF062480.D
 Acq: 12 May 2019 1:59

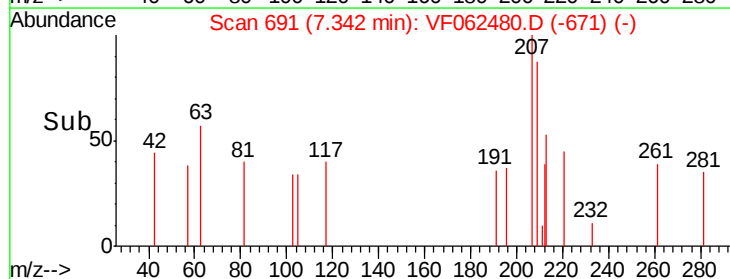
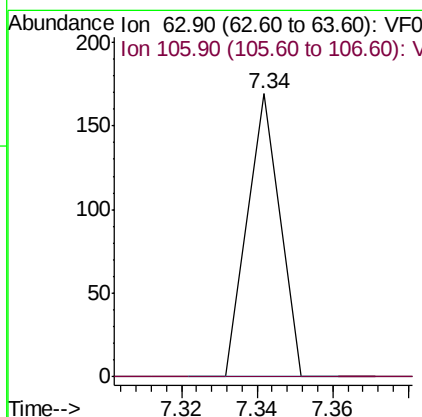
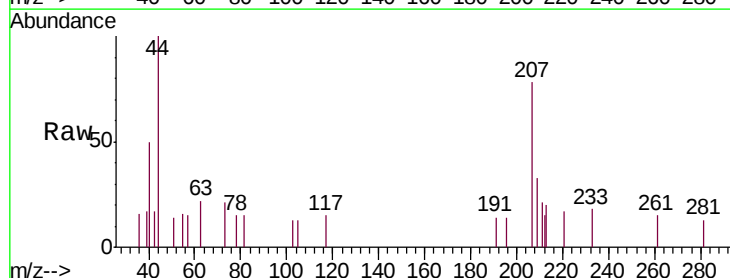
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS003-1824-01

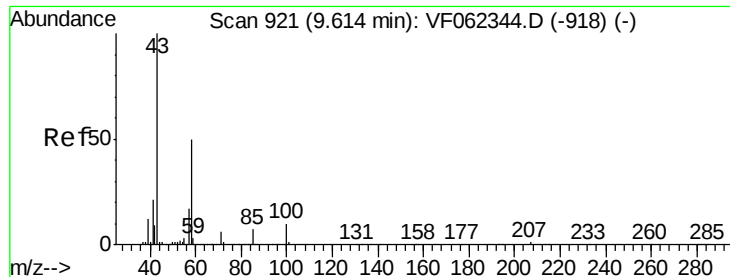
Tgt Ion: 76 Resp: 66
 Ion Ratio Lower Upper
 76 100
 78 236.4 26.4 39.6#



#58
 2-Chloroethyl Vinyl ether
 Concen: 654.282 ug/l
 RT: 7.34 min Scan# 691
 Delta R.T. -0.10 min
 Lab File: VF062480.D
 Acq: 12 May 2019 1:59

Tgt Ion: 63 Resp: 100
 Ion Ratio Lower Upper
 63 100
 106 0.0 25.8 38.8#

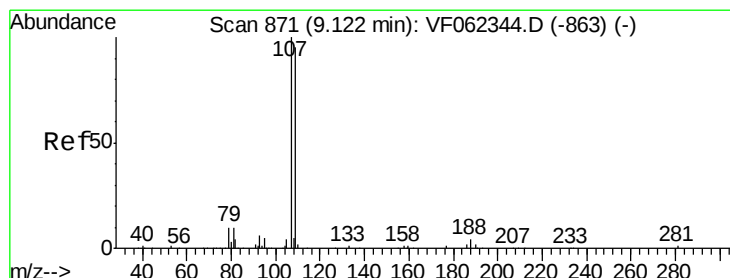
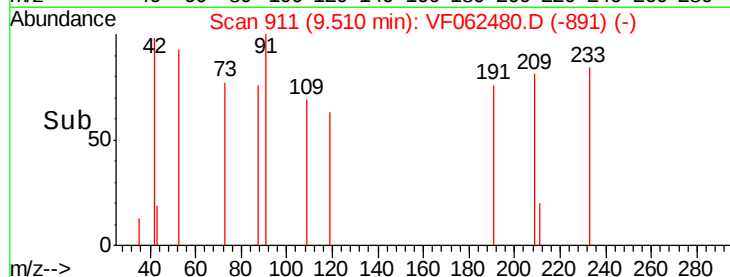
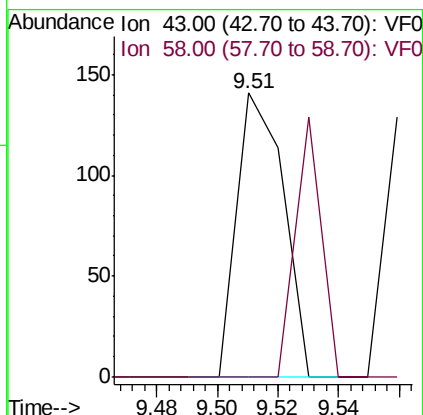
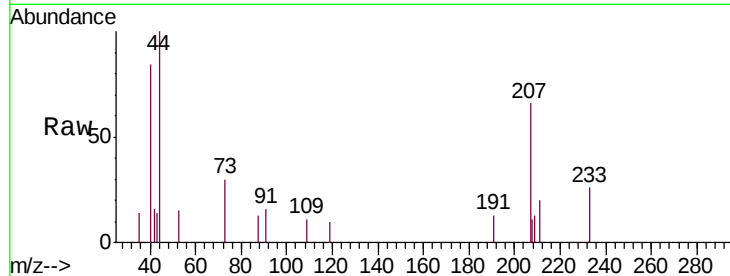




#59
2-Hexanone
Concen: 567.252 ug/l
RT: 9.51 min Scan# 911
Delta R.T. -0.10 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

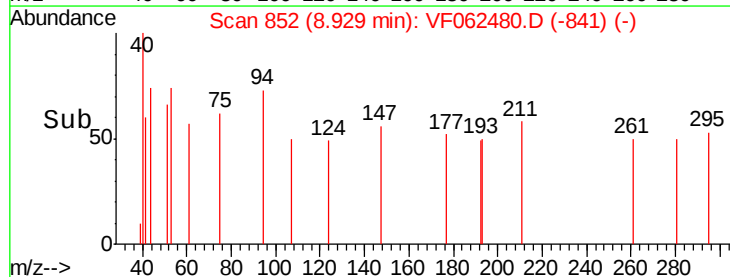
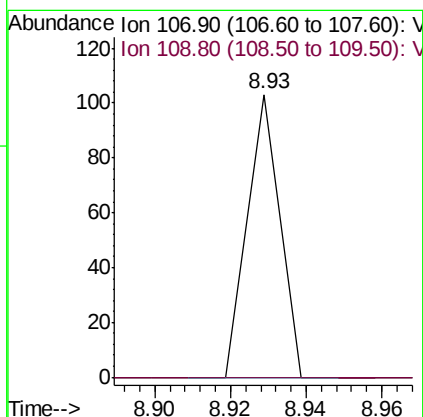
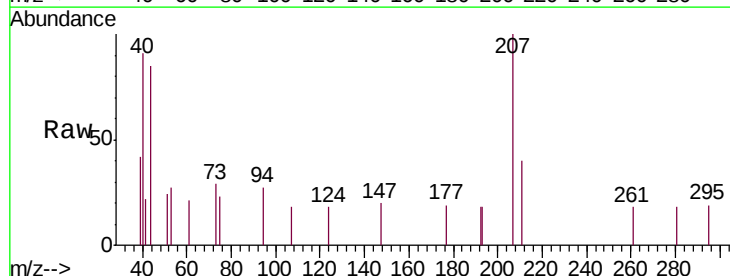
Instrument :
MSVOA_F
ClientSampleId :
P021-SS003-1824-01

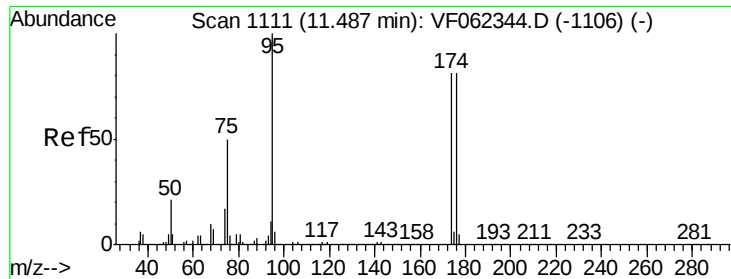
Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 50.3 24.3 73.0



#61
1,2-Dibromoethane
Concen: 107.769 ug/l
RT: 8.93 min Scan# 852
Delta R.T. -0.19 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Tgt Ion: 107 Resp: 61
Ion Ratio Lower Upper
107 100
109 0.0 75.2 112.8#





#62

4-Bromofluorobenzene

Concen: 57.467 ug/l

RT: 11.53 min Scan# 1116

Delta R.T. 0.04 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

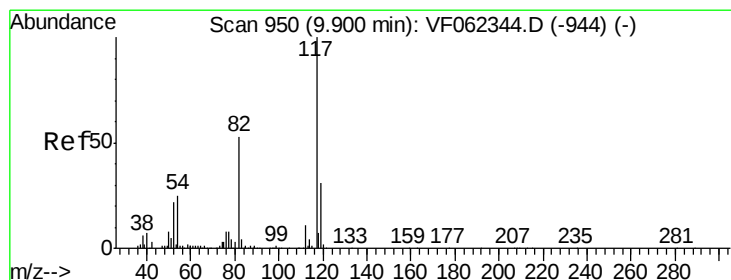
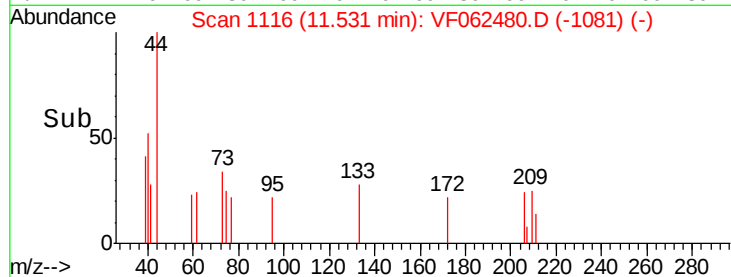
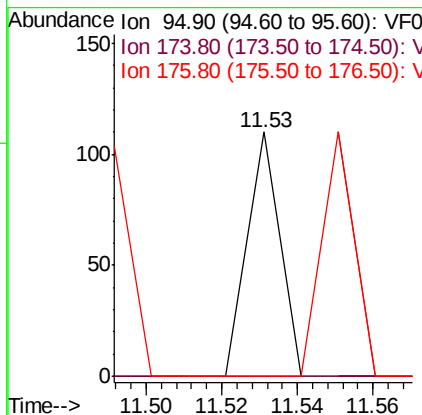
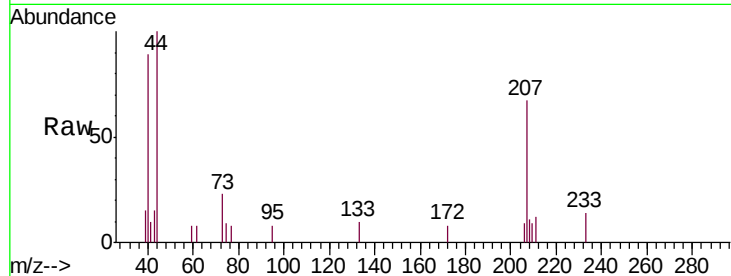
Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

Tgt Ion:	95	Resp:	65
Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	191.8
176	100.0	0.0	193.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

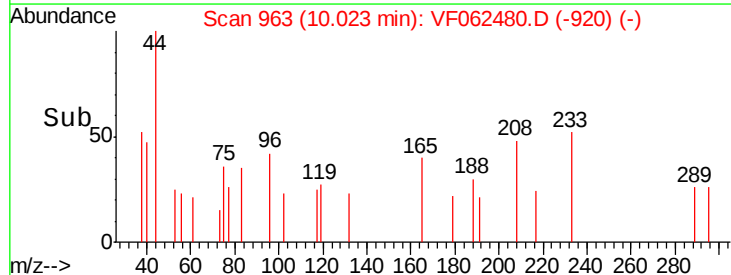
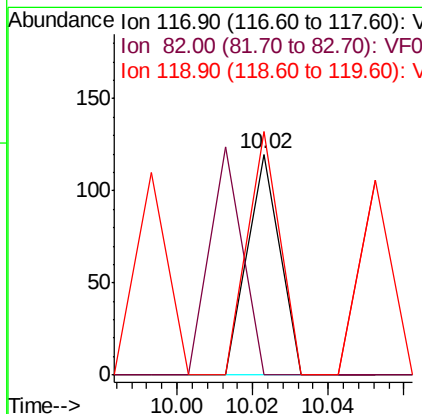
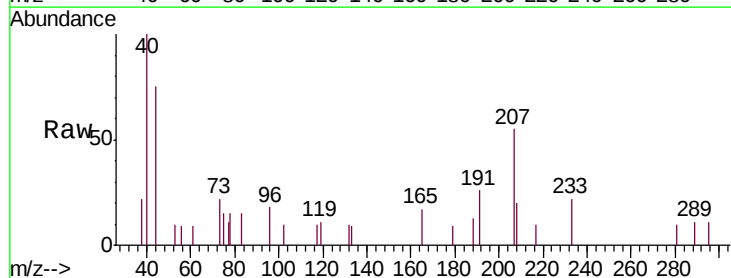
RT: 10.02 min Scan# 963

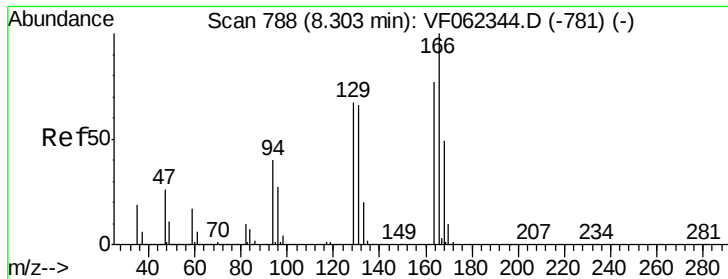
Delta R.T. 0.12 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Tgt Ion:	117	Resp:	71
Ion	Ratio	Lower	Upper
117	100		
82	141.7	42.2	63.2#
119	110.0	25.0	37.4#





#64

Tetrachloroethene

Concen: 111.034 ug/l

RT: 8.20 min Scan# 778

Delta R.T. -0.10 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

Tgt Ion:164 Resp: 64

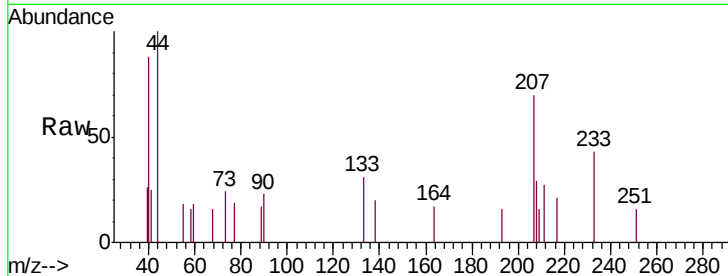
Ion Ratio Lower Upper

164 100

166 0.0 104.2 156.4#

129 0.0 69.6 104.4#

131 0.0 68.8 103.2#

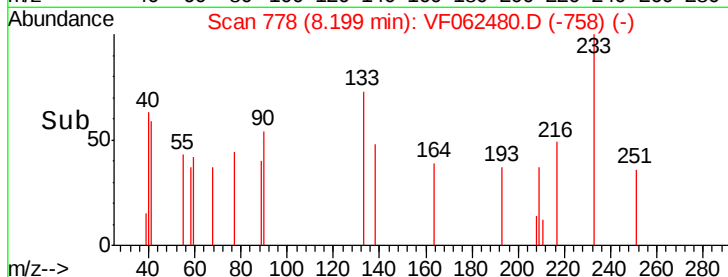


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Abundance

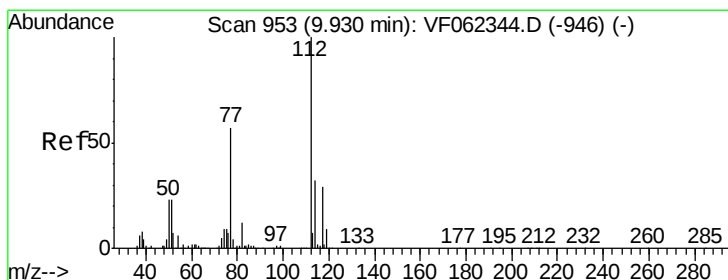
8.20

100

50

0

Time--> 8.16 8.18 8.20 8.22



#65

Chlorobenzene

Concen: 86.828 ug/l

RT: 9.68 min Scan# 928

Delta R.T. -0.25 min

Lab File: VF062480.D

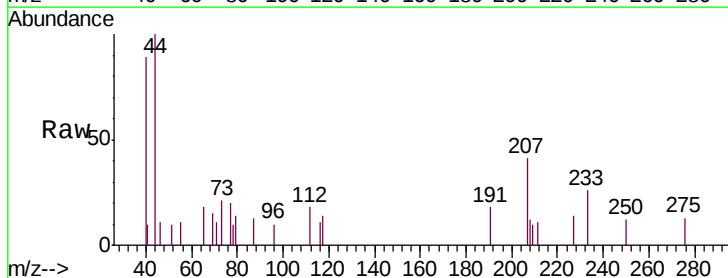
Acq: 12 May 2019 1:59

Tgt Ion:112 Resp: 102

Ion Ratio Lower Upper

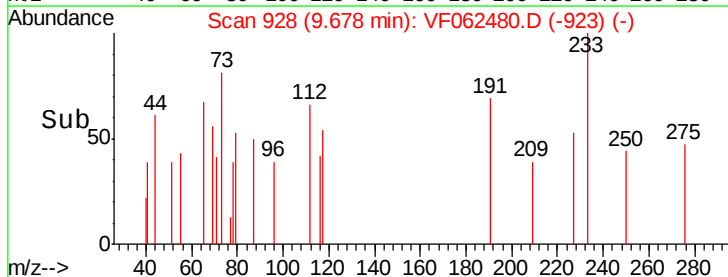
112 100

114 0.0 25.4 38.0#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Abundance

9.68

200

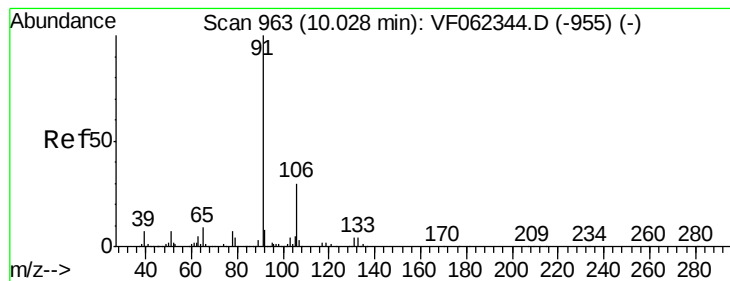
150

100

50

0

Time--> 9.64 9.66 9.68 9.70



#67

Ethyl Benzene

Concen: 44.238 ug/l

RT: 10.08 min Scan# 969

Delta R.T. 0.05 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

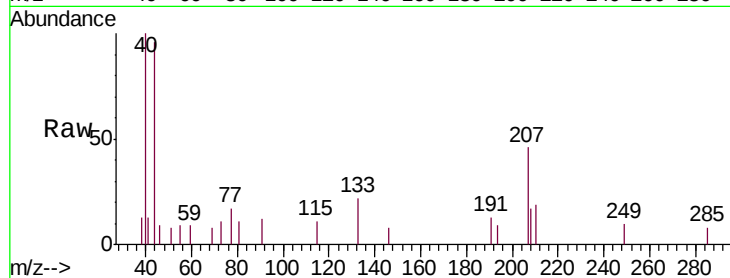
P021-SS003-1824-01

Tgt Ion: 91 Resp: 91

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

10.08

150

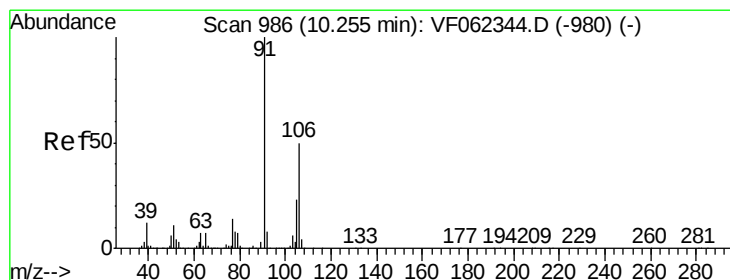
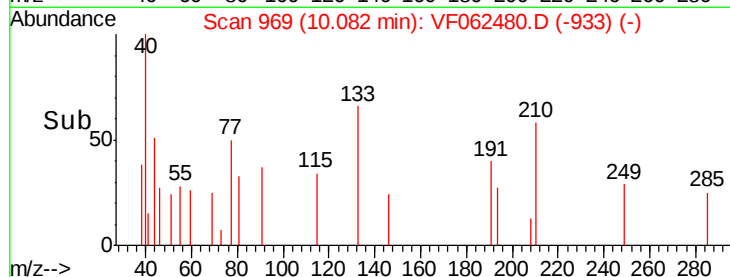
100

50

0

10.06 10.08 10.10

Time-->



#68

m/p-Xylenes

Concen: 134.390 ug/l

RT: 10.47 min Scan# 1008

Delta R.T. 0.21 min

Lab File: VF062480.D

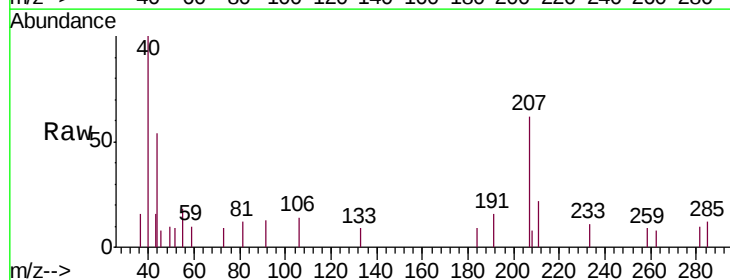
Acq: 12 May 2019 1:59

Tgt Ion: 106 Resp: 102

Ion Ratio Lower Upper

106 100

91 90.2 167.4 251.2#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

200

150

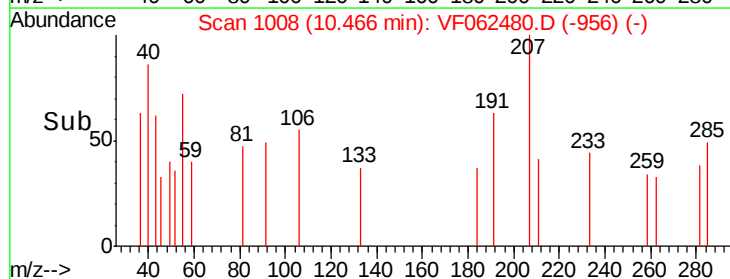
100

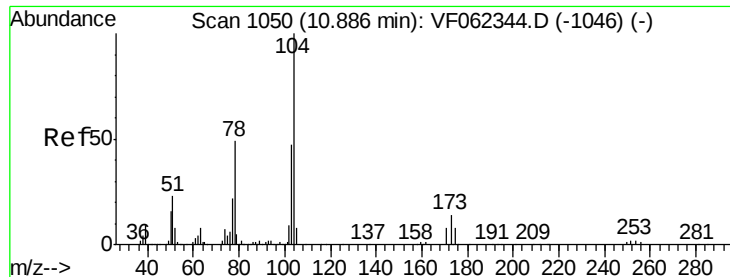
50

0

10.44 10.46 10.48

Time-->





#70

Styrene

Concen: 56.136 ug/l

RT: 10.66 min Scan# 1028

Delta R.T. -0.22 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

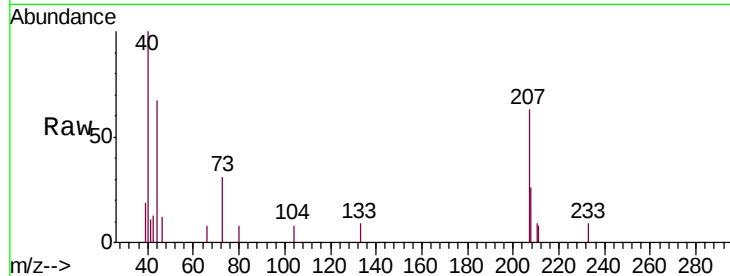
Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

Tgt Ion:	104	Resp:	69
Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.5	59.3#
103	0.0	38.4	57.6#



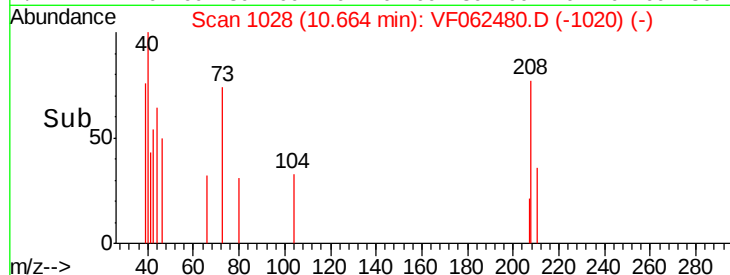
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

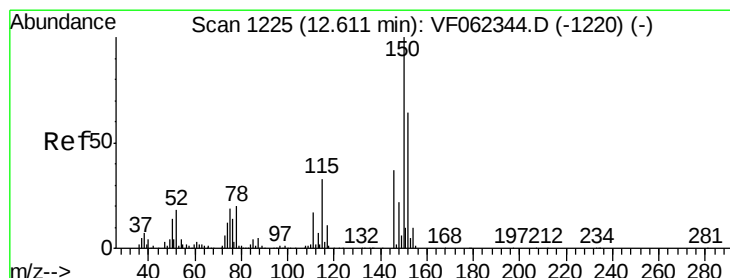
Ion 103.00 (102.70 to 103.70): V

10.66

10.64 10.66 10.68



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

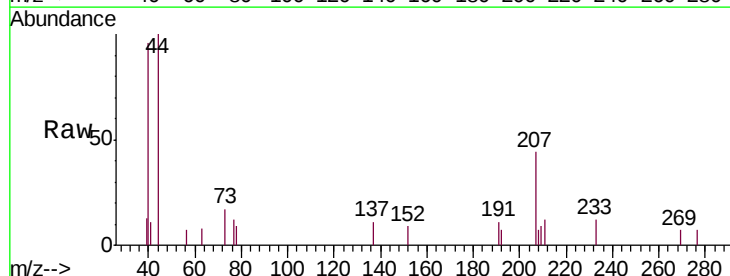
RT: 12.74 min Scan# 1239

Delta R.T. 0.13 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Tgt Ion:	152	Resp:	76
Ion	Ratio	Lower	Upper
152	100		
115	0.0	26.4	79.2#
150	0.0	0.0	335.0



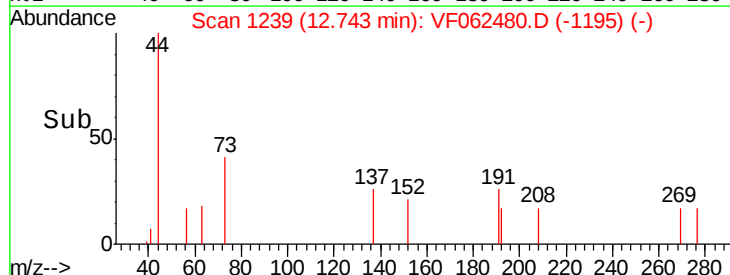
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

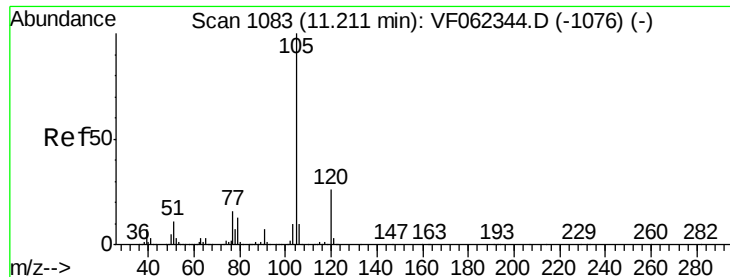
Ion 149.90 (149.60 to 150.60): V

12.74

12.72 12.74 12.76



Time-->



#73

Isopropylbenzene

Concen: 34.624 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

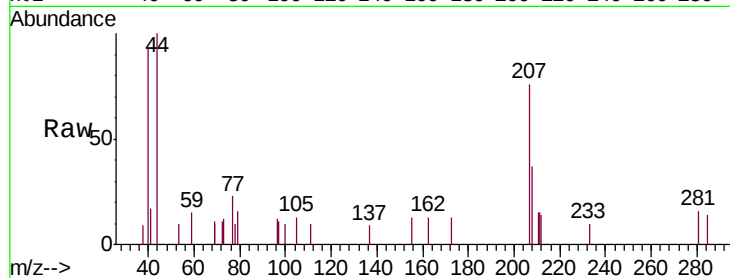
P021-SS003-1824-01

Tgt Ion: 105 Resp: 156

Ion Ratio Lower Upper

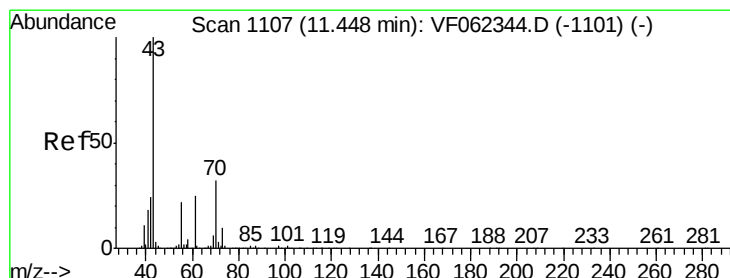
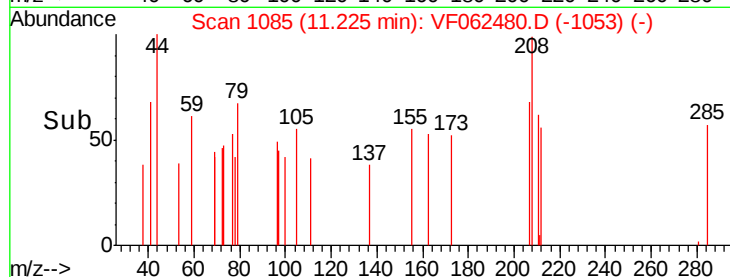
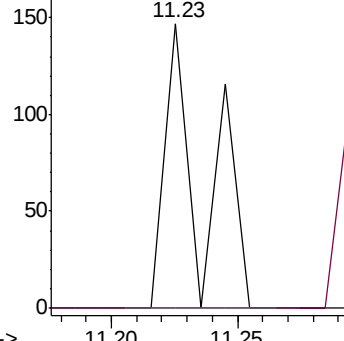
105 100

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-ethyl acetate

Concen: 491.065 ug/l

RT: 11.42 min Scan# 1105

Delta R.T. -0.03 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Tgt Ion: 43 Resp: 475

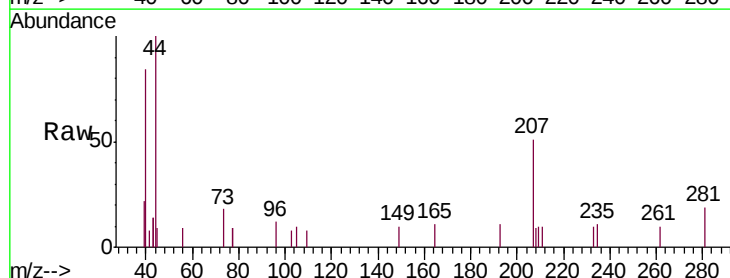
Ion Ratio Lower Upper

43 100

70 17.5 26.5 39.7#

55 19.2 17.8 26.6

61 0.0 20.2 30.2#

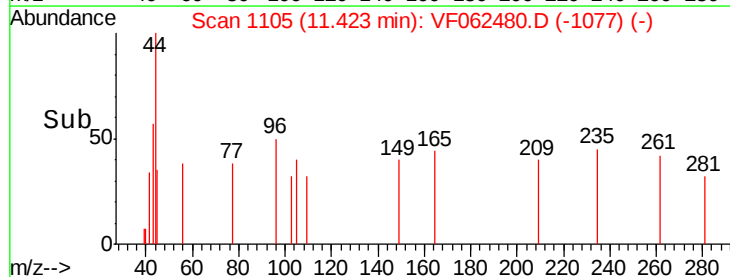
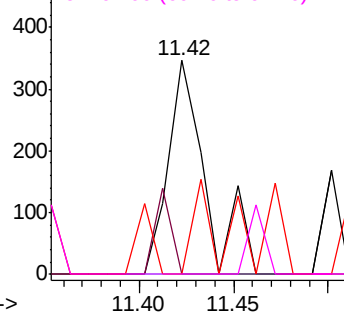


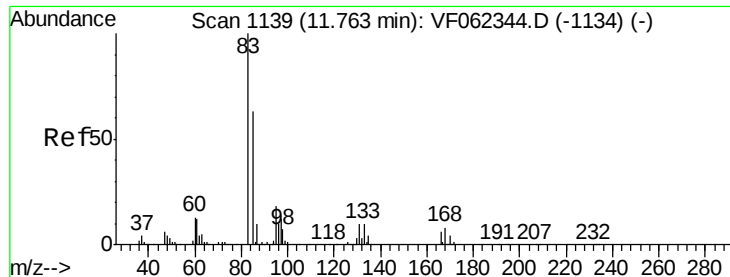
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 158.761 ug/l

RT: 11.75 min Scan# 1138

Delta R.T. -0.02 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

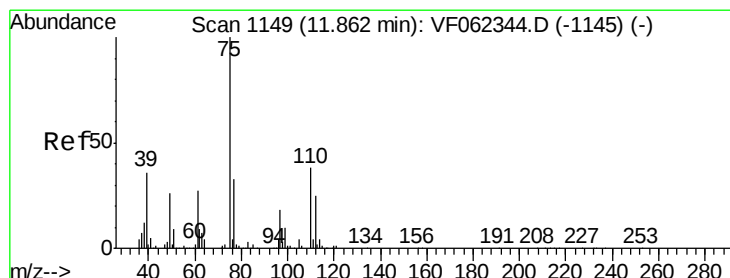
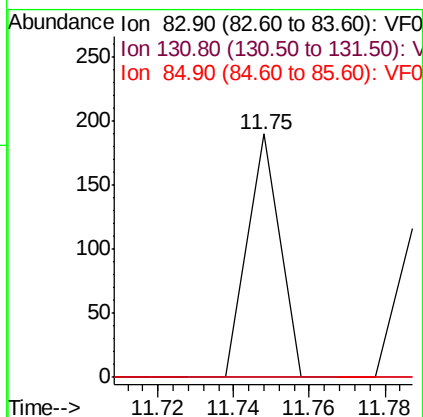
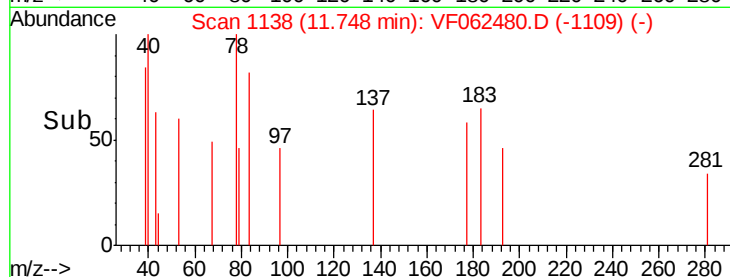
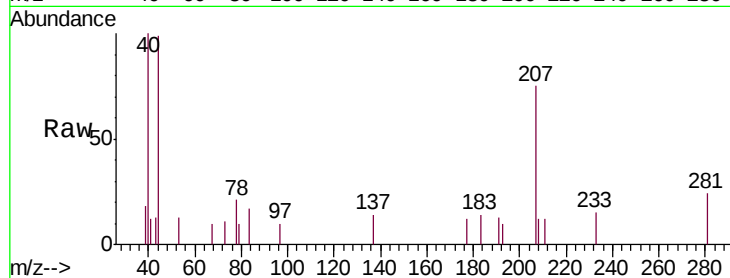
Tgt Ion: 83 Resp: 112

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: 113.336 ug/l

RT: 11.84 min Scan# 1147

Delta R.T. -0.03 min

Lab File: VF062480.D

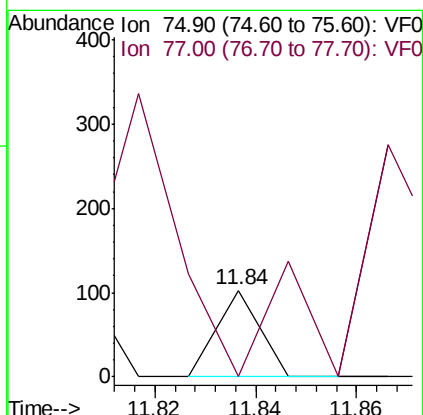
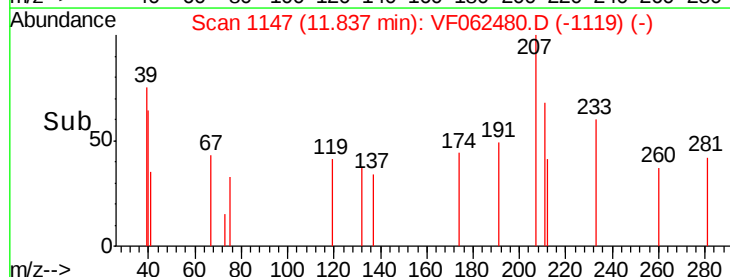
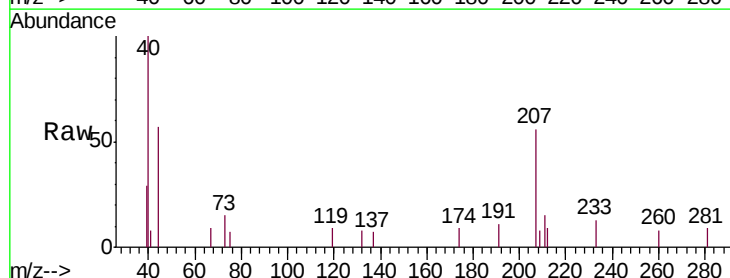
Acq: 12 May 2019 1:59

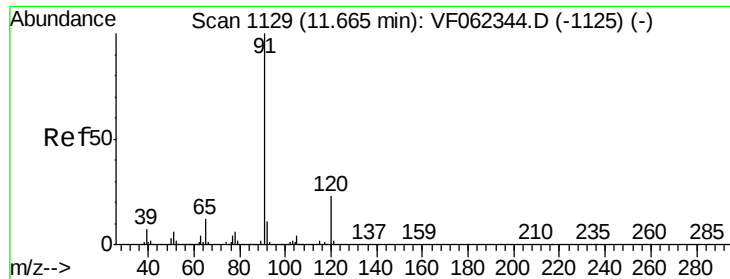
Tgt Ion: 75 Resp: 61

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#78

n-propylbenzene

Concen: 13.759 ug/l

RT: 11.64 min Scan# 1127

Delta R.T. -0.03 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

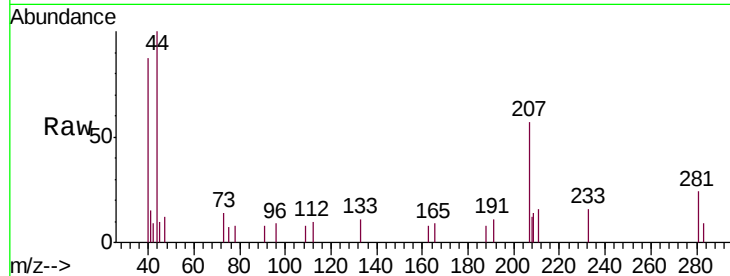
P021-SS003-1824-01

Tgt Ion: 91 Resp: 66

Ion Ratio Lower Upper

91 100

120 0.0 11.9 35.5#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

11.64

100

80

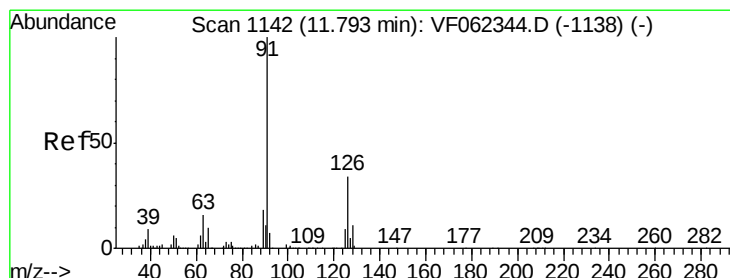
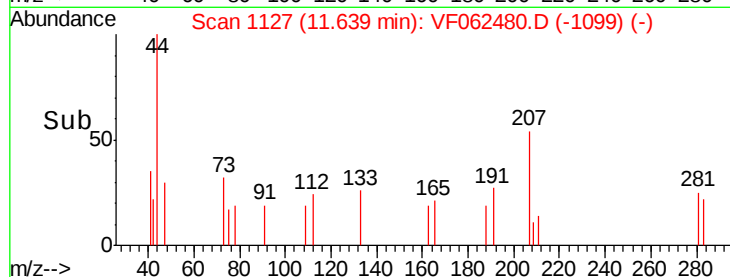
60

40

20

0

Time--> 11.60 11.62 11.64 11.66



#79

2-Chlorotoluene

Concen: 24.138 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VF062480.D

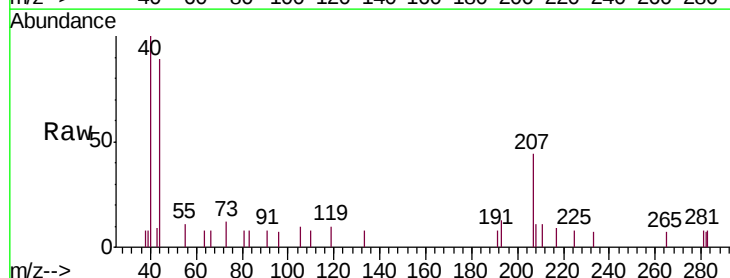
Acq: 12 May 2019 1:59

Tgt Ion: 91 Resp: 72

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

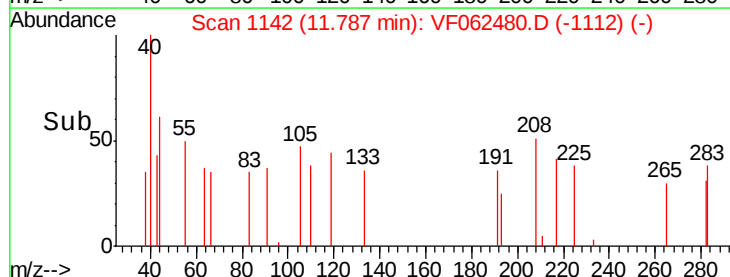
11.79

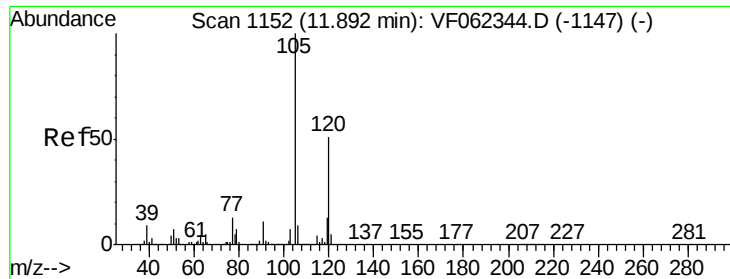
100

50

0

Time--> 11.76 11.78 11.80





#80

1,3,5-Trimethylbenzene

Concen: 24.309 ug/l

RT: 11.94 min Scan# 1158

Delta R.T. 0.05 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

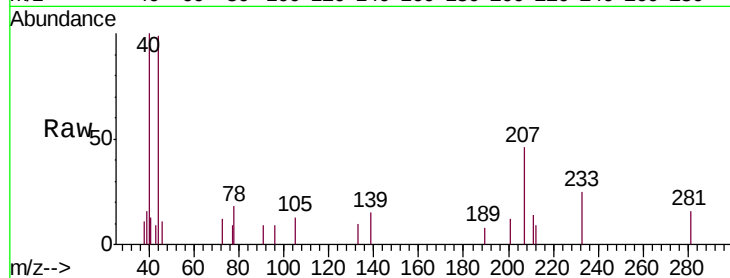
P021-SS003-1824-01

Tgt Ion: 105 Resp: 96

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

11.94

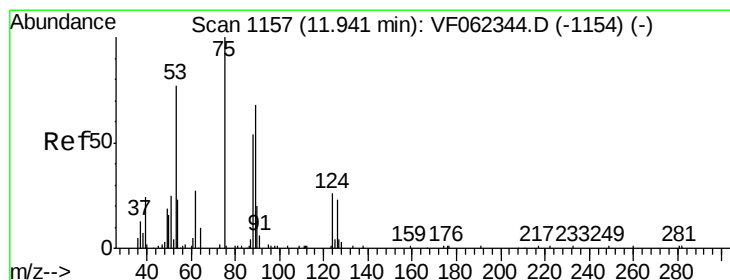
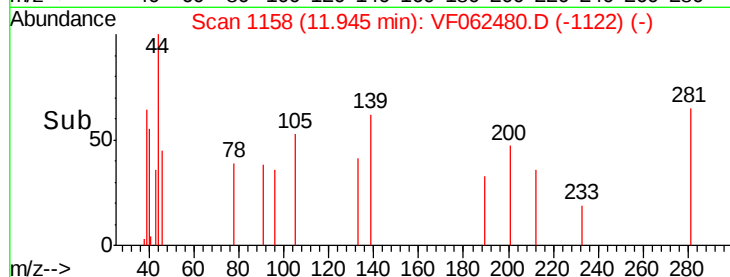
150

100

50

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 301.516 ug/l

RT: 11.93 min Scan# 1156

Delta R.T. -0.02 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

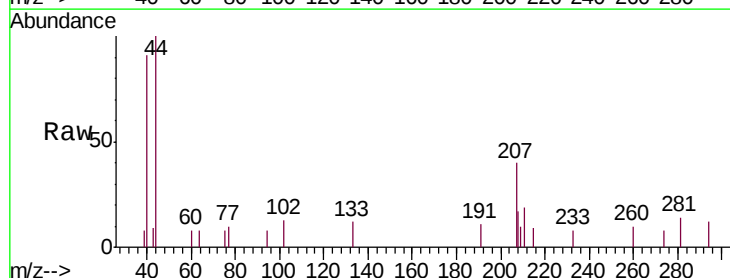
Tgt Ion: 75 Resp: 61

Ion Ratio Lower Upper

75 100

53 0.0 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

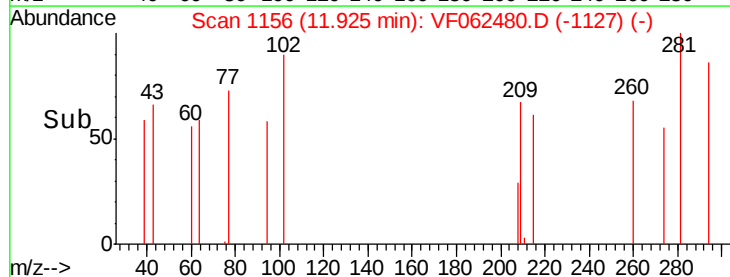
150

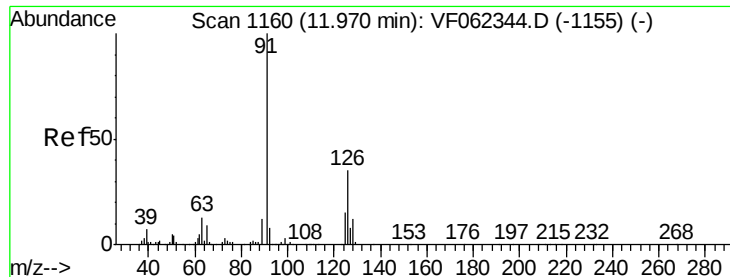
100

50

0

Time-->

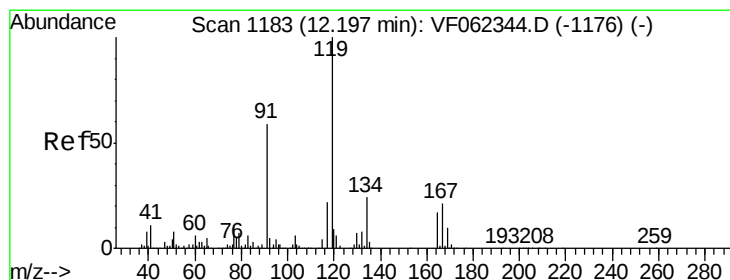
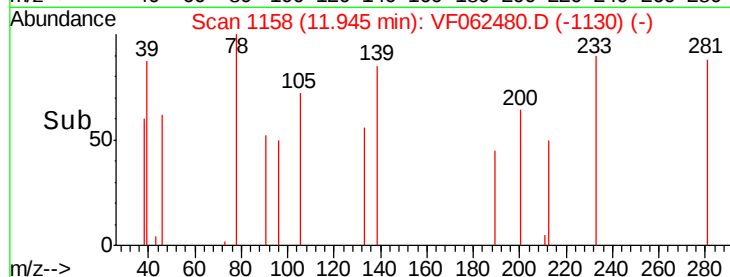
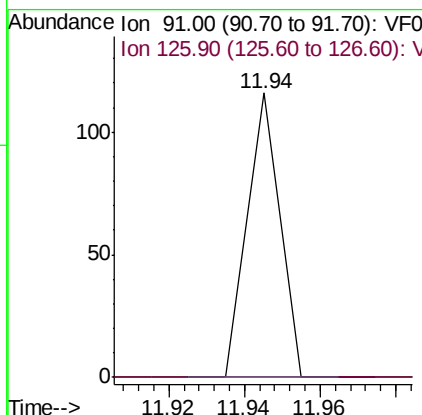
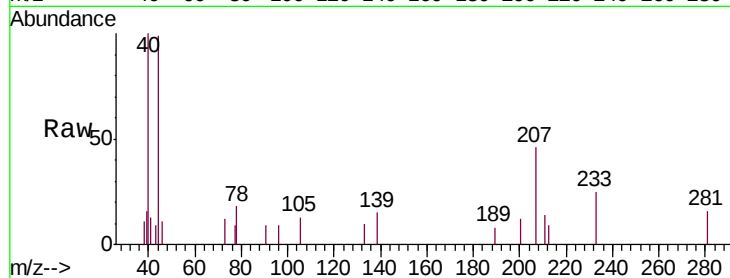




#82
4-Chlorotoluene
Concen: 23.421 ug/l
RT: 11.94 min Scan# 1158
Delta R.T. -0.03 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

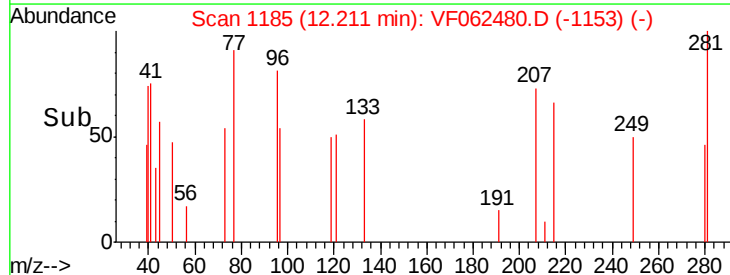
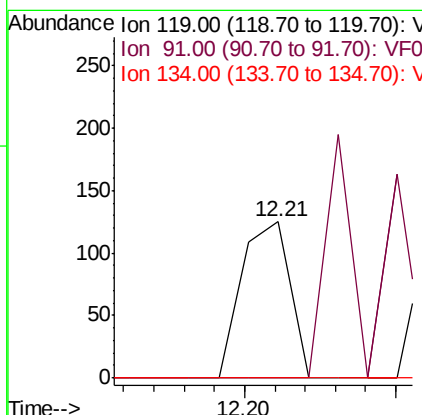
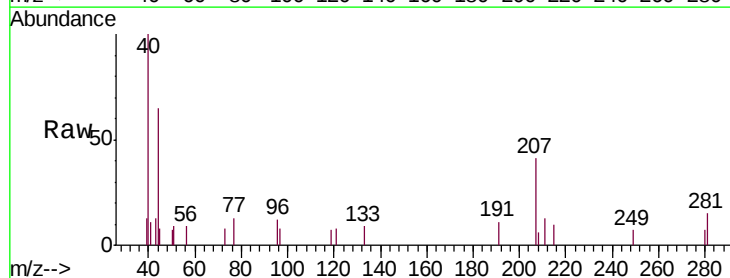
Instrument :
MSVOA_F
ClientSampleId :
P021-SS003-1824-01

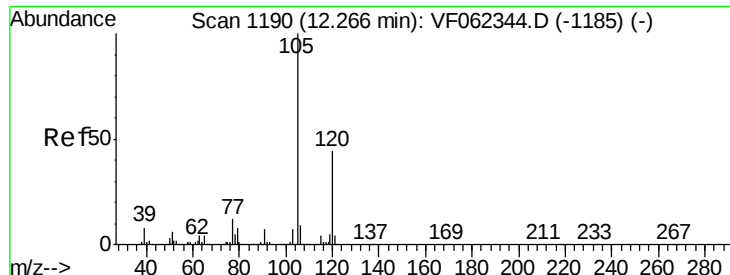
Tgt Ion: 91 Resp: 69
Ion Ratio Lower Upper
91 100
126 0.0 17.7 53.1#



#83
tert-Butylbenzene
Concen: 33.251 ug/l
RT: 12.21 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Tgt Ion: 119 Resp: 138
Ion Ratio Lower Upper
119 100
91 153.6 30.4 91.3#
134 0.0 11.9 35.7#

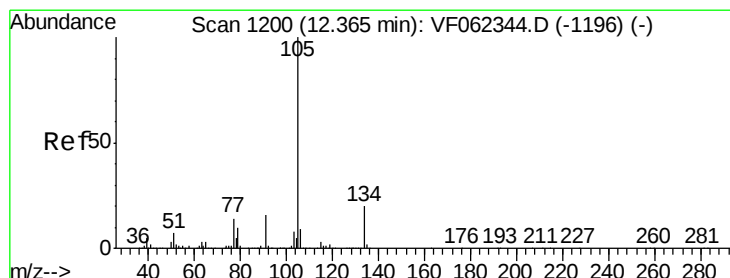
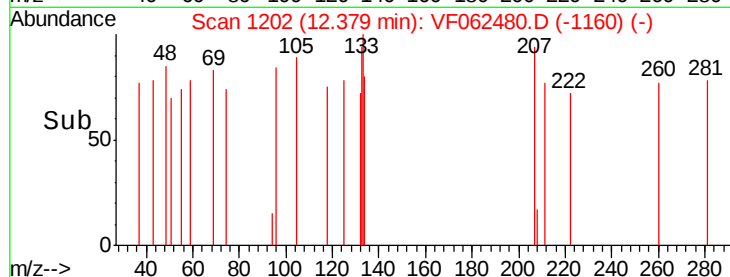
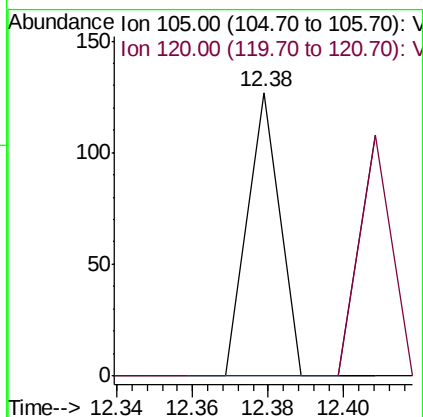
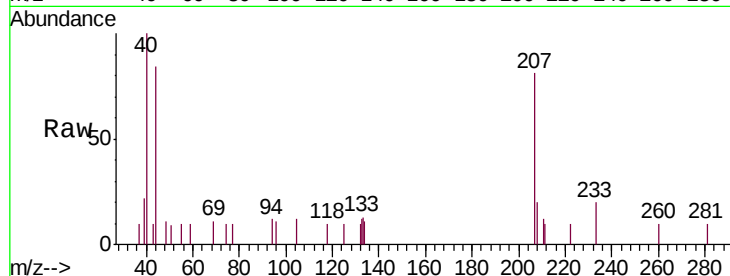




#84
1,2,4-Trimethylbenzene
Concen: 19.407 ug/l
RT: 12.38 min Scan# 1202
Delta R.T. 0.11 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

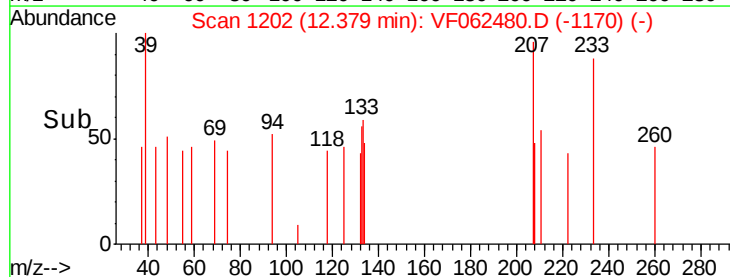
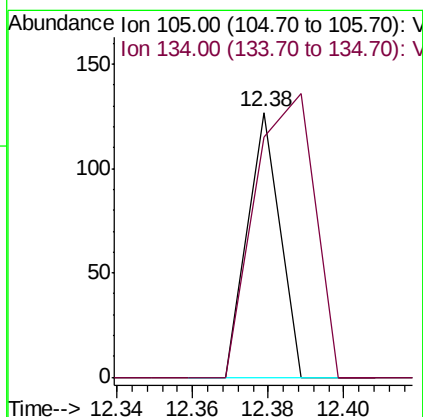
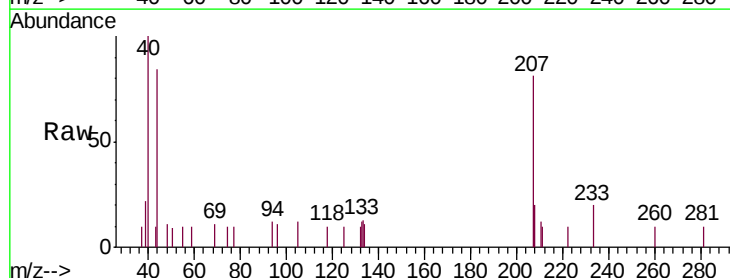
Instrument :
MSVOA_F
ClientSampleId :
P021-SS003-1824-01

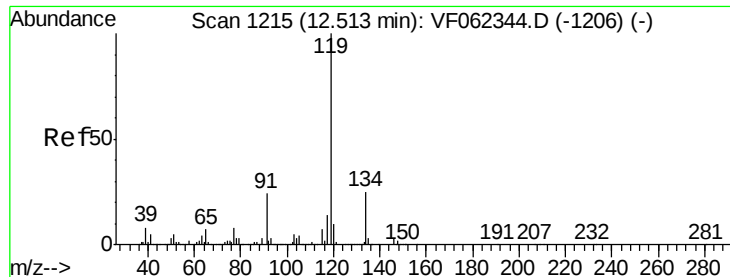
Tgt Ion:105 Resp: 75
Ion Ratio Lower Upper
105 100
120 0.0 22.6 67.7#



#85
sec-Butylbenzene
Concen: 14.846 ug/l
RT: 12.38 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Tgt Ion:105 Resp: 75
Ion Ratio Lower Upper
105 100
134 197.3 9.8 29.5#

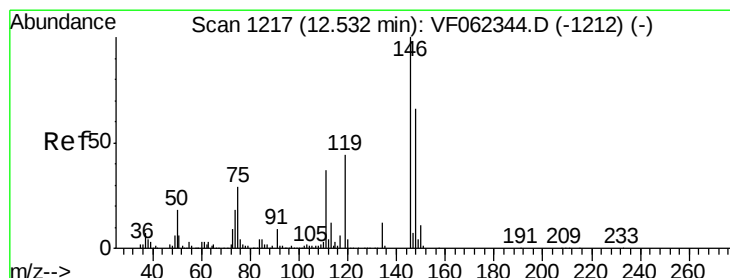
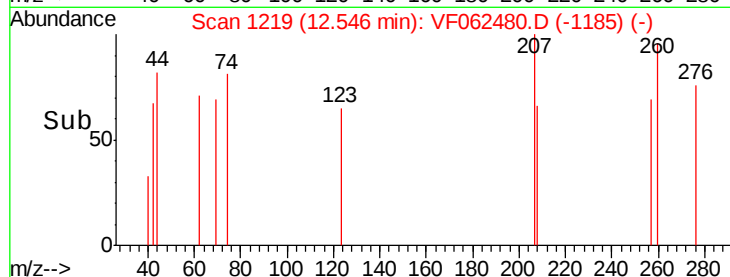
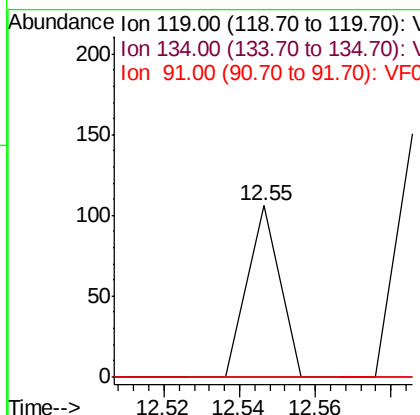
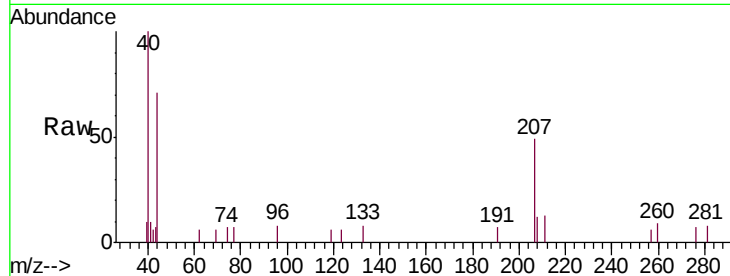




#86
p-Isopropyltoluene
Concen: 13.423 ug/l
RT: 12.55 min Scan# 1219
Delta R.T. 0.03 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

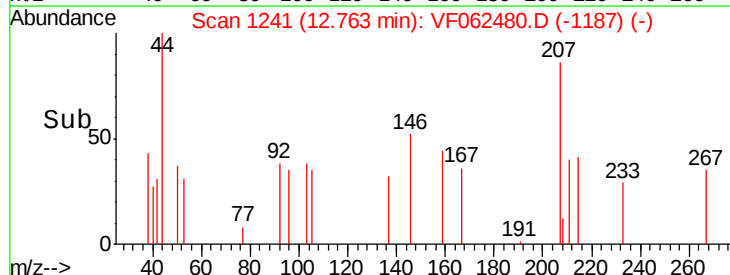
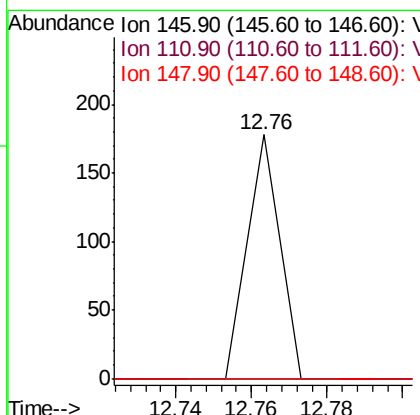
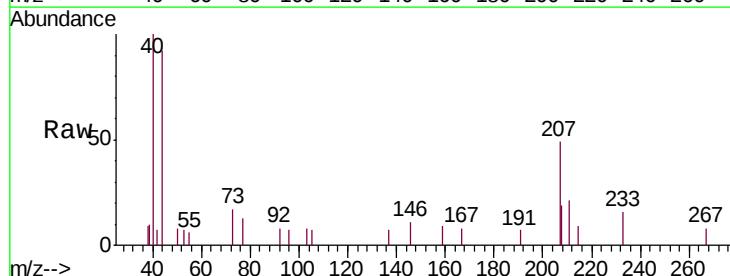
Instrument :
MSVOA_F
ClientSampleId :
P021-SS003-1824-01

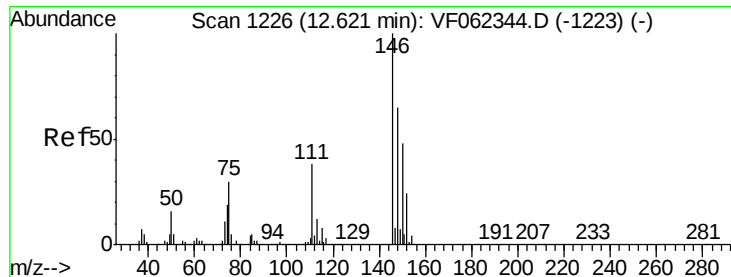
Tgt Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.9	38.7#
91	0.0	12.3	36.8#



#87
1,3-Dichlorobenzene
Concen: 48.620 ug/l
RT: 12.76 min Scan# 1241
Delta R.T. 0.23 min
Lab File: VF062480.D
Acq: 12 May 2019 1:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.3	54.8#
148	0.0	32.3	96.9#

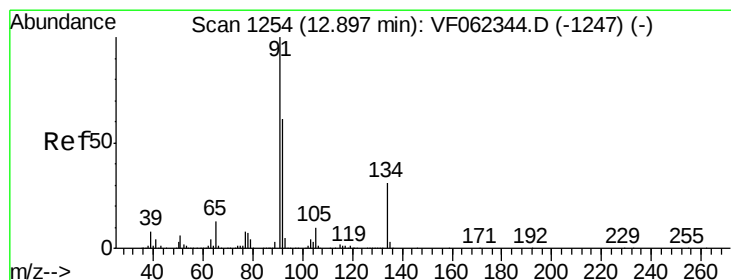
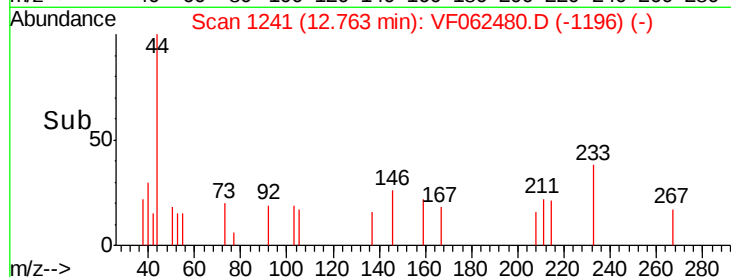
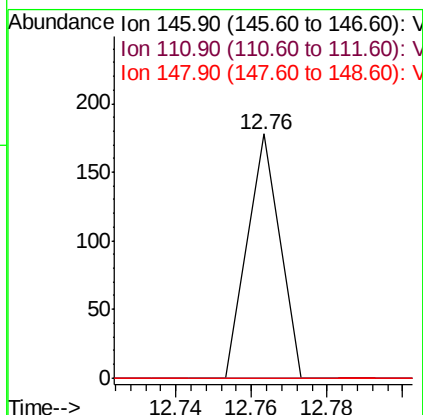
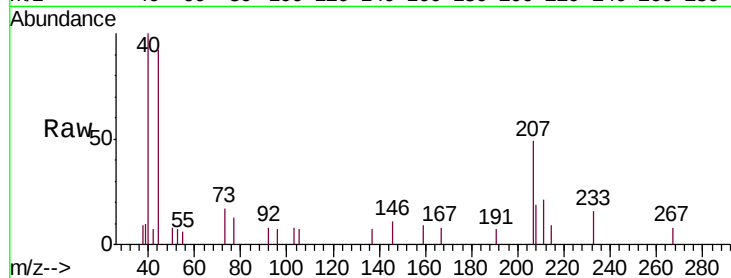




#88
 1,4-Dichlorobenzene
 Concen: 50.375 ug/l
 RT: 12.76 min Scan# 1241
 Delta R.T. 0.14 min
 Lab File: VF062480.D
 Acq: 12 May 2019 1:59

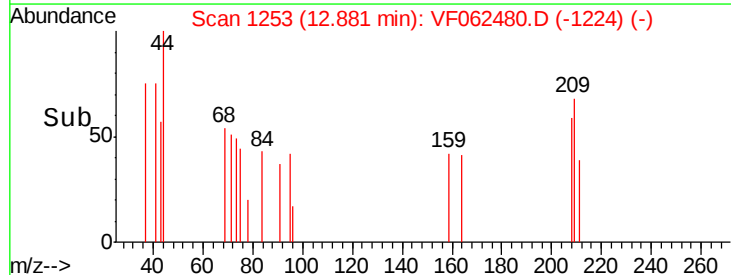
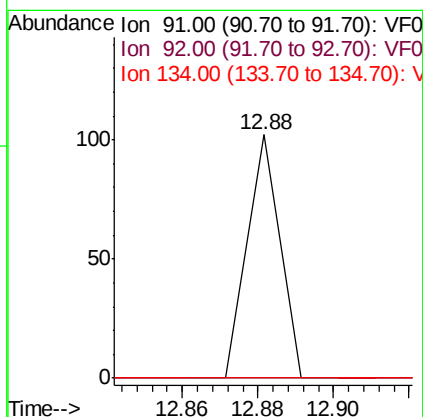
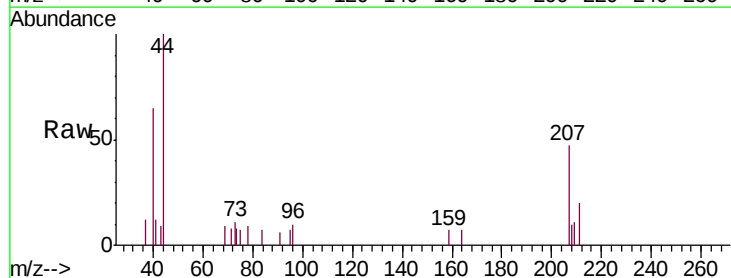
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS003-1824-01

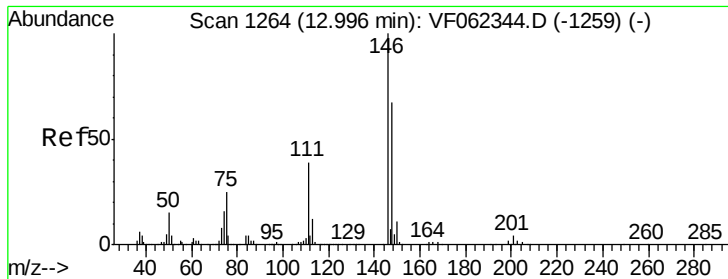
Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.8	56.3#
148	0.0	32.2	96.6#



#89
 n-Butylbenzene
 Concen: 14.369 ug/l
 RT: 12.88 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: VF062480.D
 Acq: 12 May 2019 1:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	30.0	90.0#
134	0.0	14.1	42.4#





#91

1,2-Dichlorobenzene

Concen: 34.923 ug/l

RT: 13.04 min Scan# 1269

Delta R.T. 0.04 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

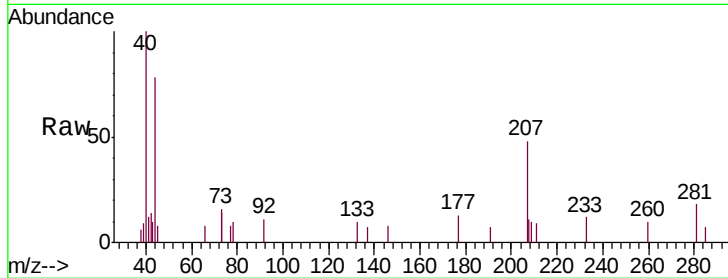
Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

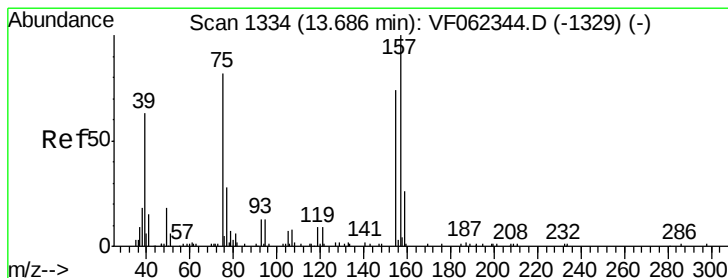
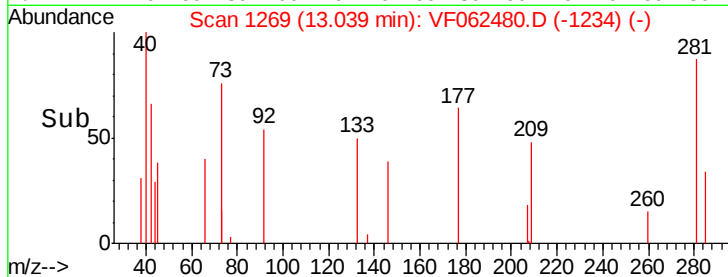
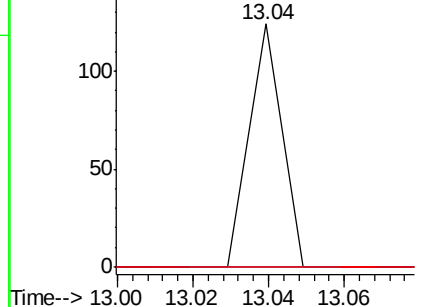
Tgt Ion:	146	Resp:	73
Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.0	60.0#
148	0.0	33.1	99.5#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 404.948 ug/l

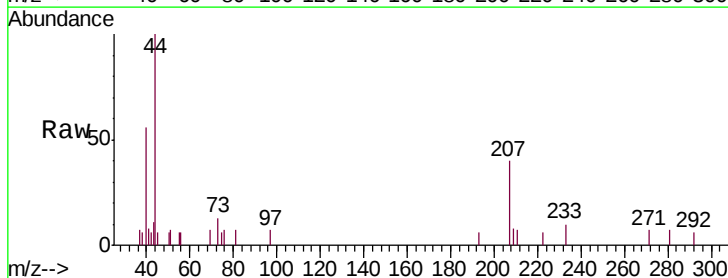
RT: 13.67 min Scan# 1333

Delta R.T. -0.02 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

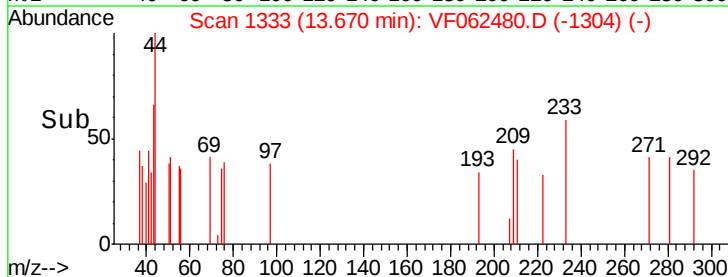
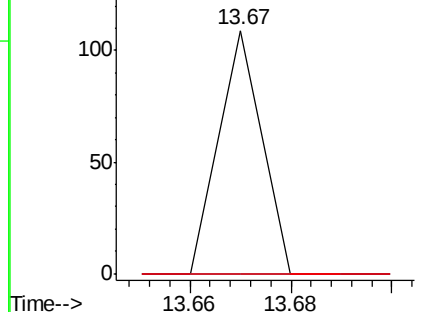
Tgt Ion:	75	Resp:	64
Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.8	155.4#
157	0.0	67.3	201.8#

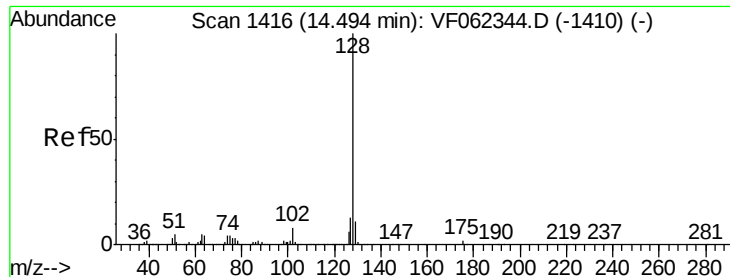


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 29.091 ug/l

RT: 14.45 min Scan# 1412

Delta R.T. -0.05 min

Lab File: VF062480.D

Acq: 12 May 2019 1:59

Instrument :

MSVOA_F

ClientSampleId :

P021-SS003-1824-01

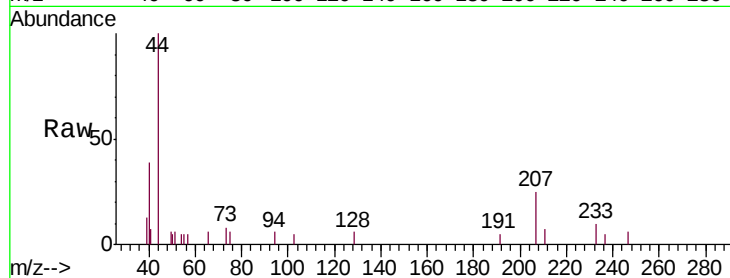
Tgt Ion:128 Resp: 82

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 12.8#



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

