

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
 Data File : VF062487.D
 Acq On : 12 May 2019 5:15
 Operator : FY/SY
 Sample : K2756-04
 Misc : 6.14g/5mL/MSVOA_F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-1218-01

Quant Time: May 12 10:06:21 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	6830	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.79	114	3562	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.94	117	158	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.77	152	62	50.00	ug/l	0.16

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.07	65	391	6.06	ug/l	0.05
Spiked Amount	50.000		Recovery	=	12.12%	
35) Dibromofluoromethane	4.33	113	988	34.82	ug/l	0.03
Spiked Amount	50.000		Recovery	=	69.64%	
50) Toluene-d8	7.73	98	710	10.34	ug/l	0.03
Spiked Amount	50.000		Recovery	=	20.68%	
62) 4-Bromofluorobenzene	11.56	95	68	2.19	ug/l	0.07
Spiked Amount	50.000		Recovery	=	4.38%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.99	85	84	1.063 ug/l #	41
3) Chloromethane	1.19	50	95	1.822 ug/l #	42
4) Vinyl Chloride	1.12	62	64	1.231 ug/l #	42
5) Bromomethane	1.44	94	137	1.033 ug/l #	3
6) Chloroethane	1.42	64	78	2.984 ug/l #	41
7) Trichlorofluoromethane	1.36	101	137	1.270 ug/l #	20
8) Diethyl Ether	1.72	74	64	3.920 ug/l	91
11) Tert butyl alcohol	2.70	59	75	20.559 ug/l #	70
12) 1,1-Dichloroethene	1.88	96	66	1.260 ug/l #	1
13) Acrolein	2.11	56	60	6.003 ug/l #	1
14) Allyl chloride	2.19	41	552	11.933 ug/l #	36
15) Acrylonitrile	3.10	53	63	9.117 ug/l #	1
16) Acetone	2.37	43	93	7.122 ug/l #	62
18) Methyl Acetate	2.47	43	73	Below Cal #	1
19) Methyl tert-butyl Ether	2.56	73	272	2.516 ug/l #	61
20) Methylene Chloride	2.31	84	69	1.461 ug/l #	1
21) trans-1,2-Dichloroethene	2.39	96	69	1.383 ug/l #	1
23) Vinyl Acetate	3.34	43	100	1.552 ug/l #	79
24) 1,1-Dichloroethane	3.08	63	147	1.682 ug/l #	1
25) 2-Butanone	4.54	43	233	14.204 ug/l #	18
26) 2,2-Dichloropropane	3.80	77	303	6.210 ug/l	84
27) cis-1,2-Dichloroethene	3.69	96	73	1.171 ug/l #	1
28) Bromochloromethane	3.78	49	92	2.322 ug/l #	1
29) Tetrahydrofuran	4.28	42	88	11.672 ug/l #	48
31) Cyclohexane	3.96	56	101	1.448 ug/l #	16
36) 1,1-Dichloropropene	4.48	75	127	4.150 ug/l #	42
37) Ethyl Acetate	4.32	43	296	21.878 ug/l #	73
38) Carbon Tetrachloride	4.24	117	71	Below Cal #	14
39) Methylcyclohexane	5.45	83	94	3.063 ug/l #	14
40) Benzene	4.85	78	79	1.172 ug/l #	48
41) Methacrylonitrile	4.94	41	130	17.718 ug/l #	61
42) 1,2-Dichloroethane	5.17	62	63	2.236 ug/l #	82
43) Isopropyl Acetate	7.14	43	167	11.999 ug/l #	1
44) Trichloroethene	5.86	130	77	3.111 ug/l	2

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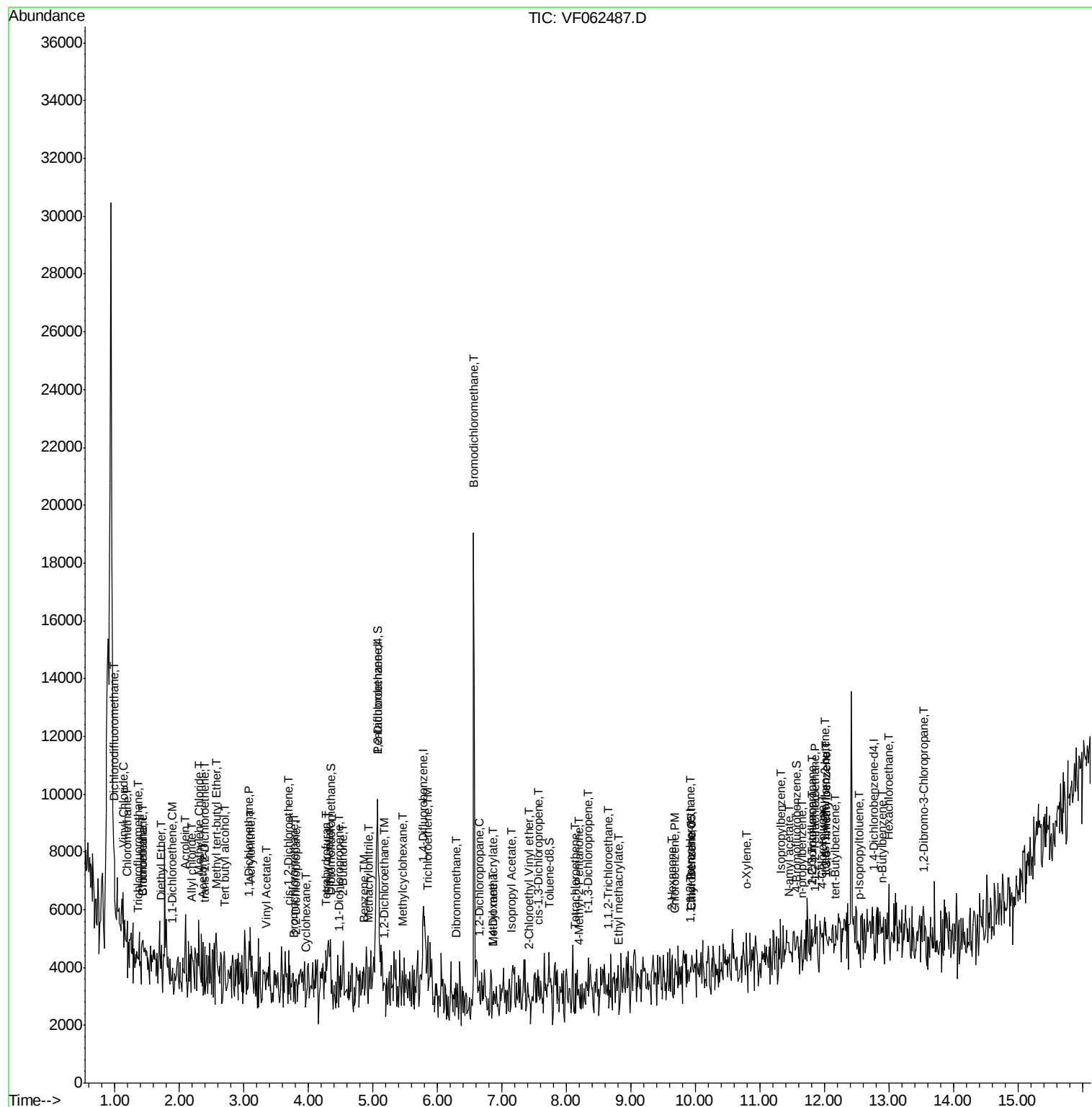
45) 1,2-Dichloropropane	6.65	63	79	5.176	ug/l #	43
46) Dibromomethane	6.28	93	75	5.927	ug/l #	1
47) Bromodichloromethane	6.57	83	72	2.276	ug/l #	27
48) Methyl methacrylate	6.87	41	287	29.180	ug/l #	28
49) 1,4-Dioxane	6.86	88	76	748.012	ug/l #	1
51) 4-Methyl-2-Pentanone	8.20	43	277	26.265	ug/l	94
53) t-1,3-Dichloropropene	8.34	75	125	5.224	ug/l #	1
54) cis-1,3-Dichloropropene	7.56	75	243	8.726	ug/l #	32
55) 1,1,2-Trichloroethane	8.64	97	192	14.550	ug/l #	14
56) Ethyl methacrylate	8.82	69	85	6.102	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.43	63	91	21.730	ug/l #	42
59) 2-Hexanone	9.64	43	127	17.412	ug/l #	28
64) Tetrachloroethene	8.14	164	77	60.030	ug/l #	1
65) Chlorobenzene	9.68	112	72	27.542	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	9.92	131	66	50.046	ug/l #	63
67) Ethyl Benzene	9.93	91	126	27.525	ug/l #	45
69) o-Xylene	10.80	106	76	41.642	ug/l #	1
73) Isopropylbenzene	11.31	105	68	18.500	ug/l #	50
74) N-amyl acetate	11.46	43	291	368.774	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	11.84	83	76	132.057	ug/l #	22
76) 1,2,3-Trichloropropane	11.81	75	100	227.751	ug/l #	100
78) n-propylbenzene	11.66	91	79	20.188	ug/l #	52
79) 2-Chlorotoluene	11.80	91	99	40.685	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.03	105	66	20.486	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.99	75	85	515.017	ug/l #	98
82) 4-Chlorotoluene	11.98	91	60	24.965	ug/l #	39
83) tert-Butylbenzene	12.16	119	62	18.312	ug/l #	29
84) 1,2,4-Trimethylbenzene	12.03	105	66	20.934	ug/l #	31
86) p-Isopropyltoluene	12.54	119	61	15.932	ug/l #	1
89) n-Butylbenzene	12.88	91	65	19.081	ug/l #	29
90) Hexachloroethane	13.01	117	140	146.440	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.55	75	75	581.704	ug/l #	1

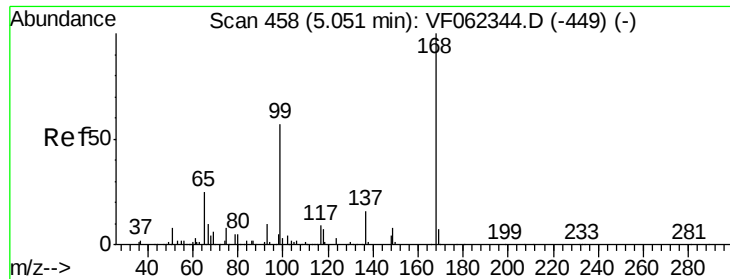
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

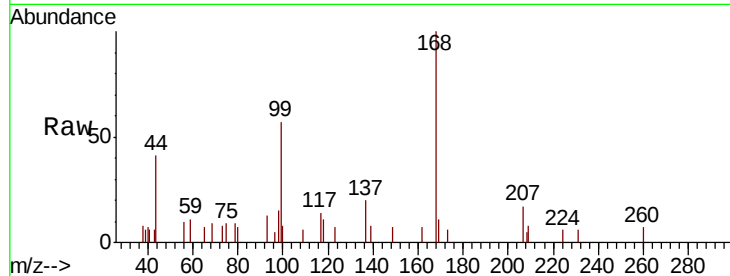
P021-SS005-1218-01

Tgt Ion:168 Resp: 6830

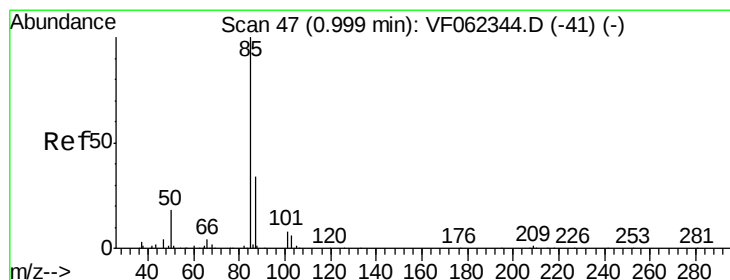
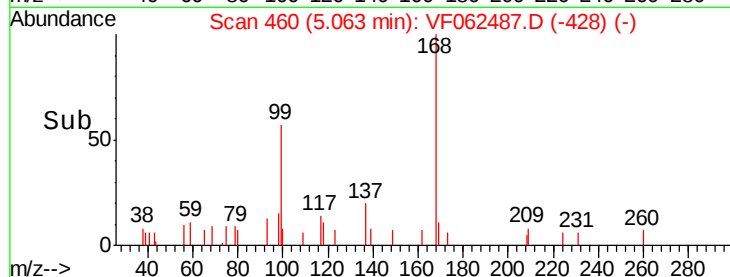
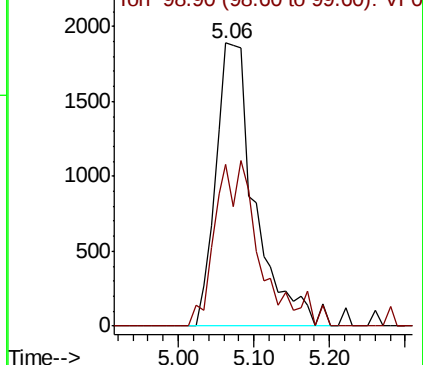
Ion Ratio Lower Upper

168 100

99 57.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0



#2

Dichlorodifluoromethane

Concen: 1.063 ug/l

RT: 0.99 min Scan# 47

Delta R.T. -0.01 min

Lab File: VF062487.D

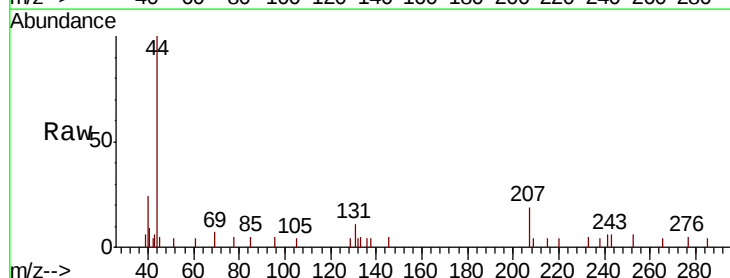
Acq: 12 May 2019 5:15

Tgt Ion: 85 Resp: 84

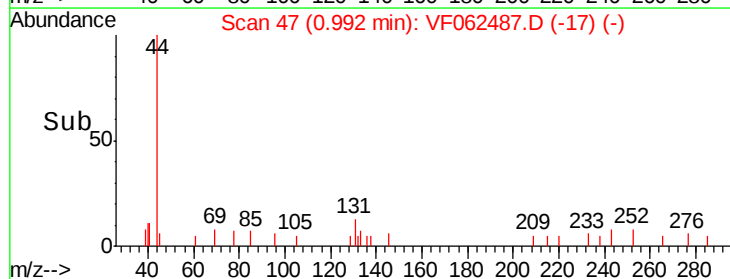
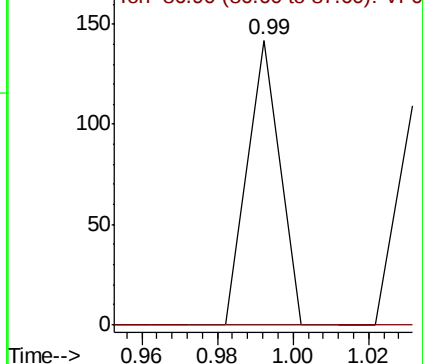
Ion Ratio Lower Upper

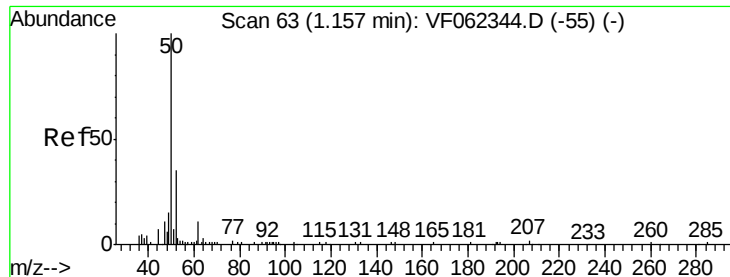
85 100

87 0.0 16.8 50.4#



Abundance Ion 84.90 (84.60 to 85.60): VF0





#3

Chloromethane

Concen: 1.822 ug/l

RT: 1.19 min Scan# 67

Delta R.T. 0.03 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

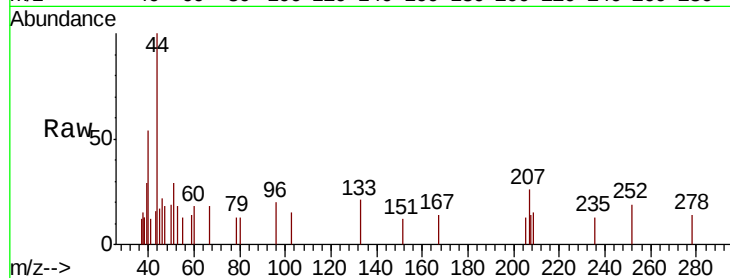
P021-SS005-1218-01

Tgt Ion: 50 Resp: 95

Ion Ratio Lower Upper

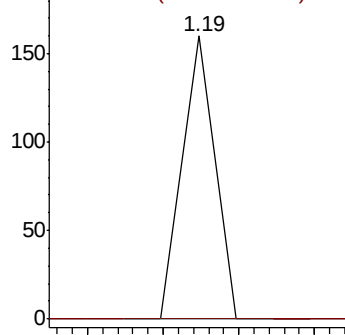
50 100

52 0.0 26.1 39.1#

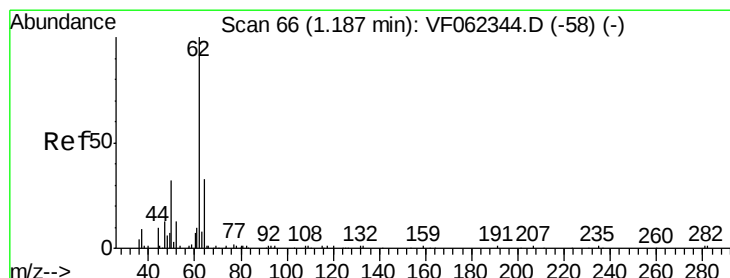
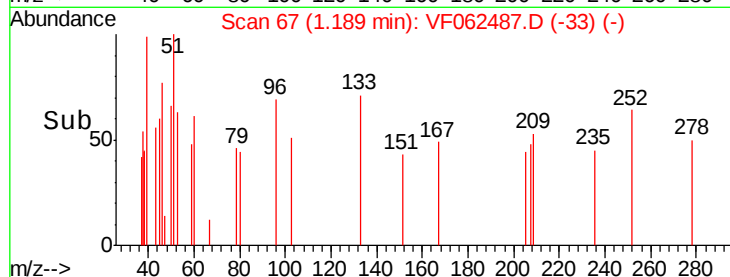


Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0



Time-->



#4

Vinyl Chloride

Concen: 1.231 ug/l

RT: 1.12 min Scan# 60

Delta R.T. -0.07 min

Lab File: VF062487.D

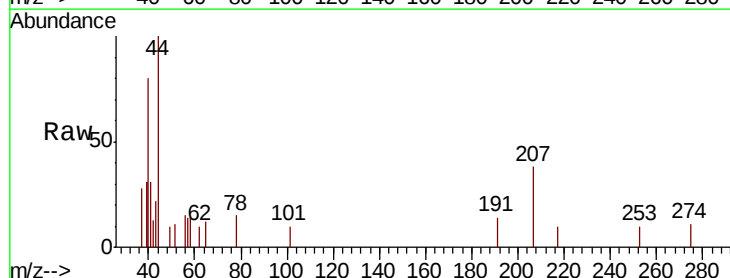
Acq: 12 May 2019 5:15

Tgt Ion: 62 Resp: 64

Ion Ratio Lower Upper

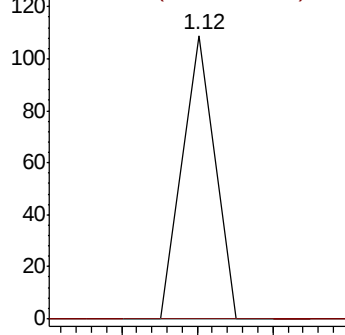
62 100

64 0.0 26.1 39.1#

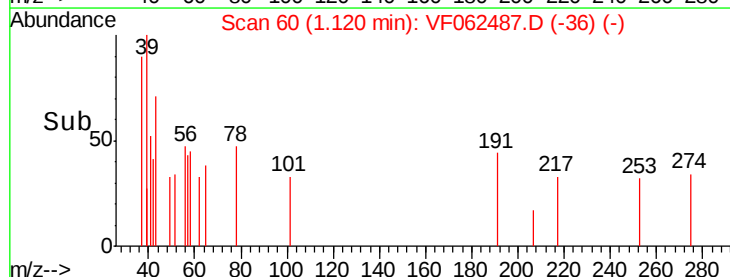


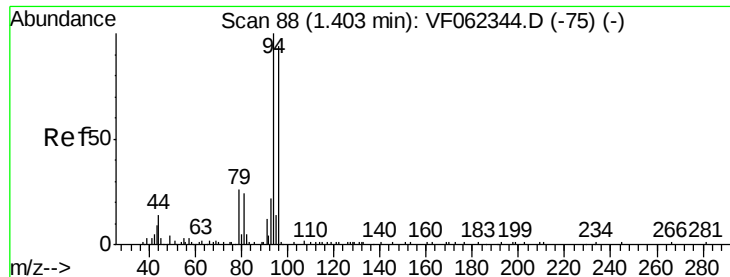
Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 63.90 (63.60 to 64.60): VF0



Time-->





#5

Bromomethane

Concen: 1.033 ug/l

RT: 1.44 min Scan# 92

Delta R.T. 0.03 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

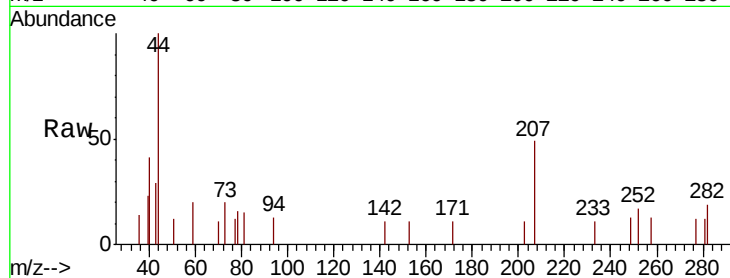
P021-SS005-1218-01

Tgt Ion: 94 Resp: 137

Ion Ratio Lower Upper

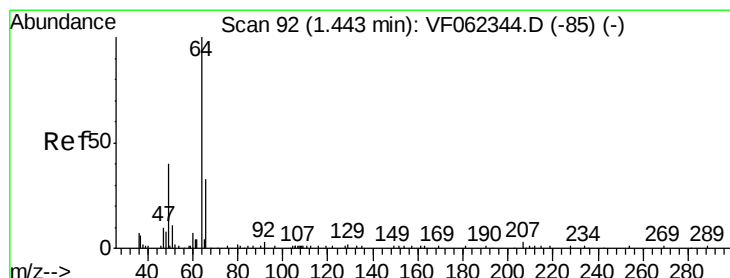
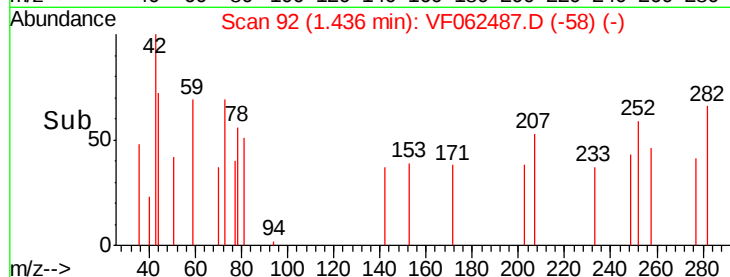
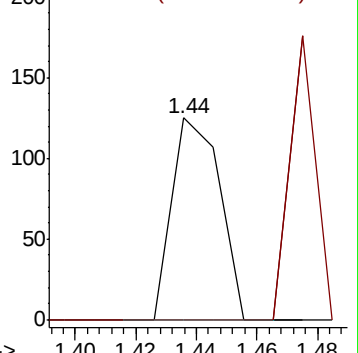
94 100

96 0.0 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: 2.984 ug/l

RT: 1.42 min Scan# 90

Delta R.T. -0.03 min

Lab File: VF062487.D

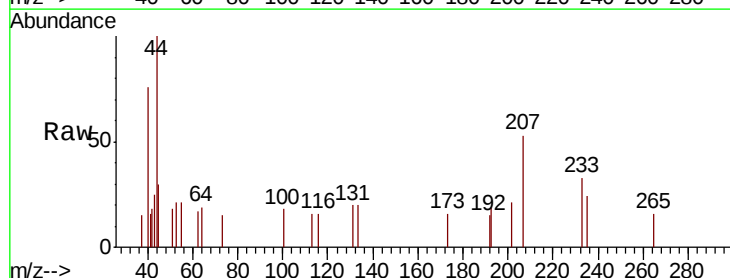
Acq: 12 May 2019 5:15

Tgt Ion: 64 Resp: 78

Ion Ratio Lower Upper

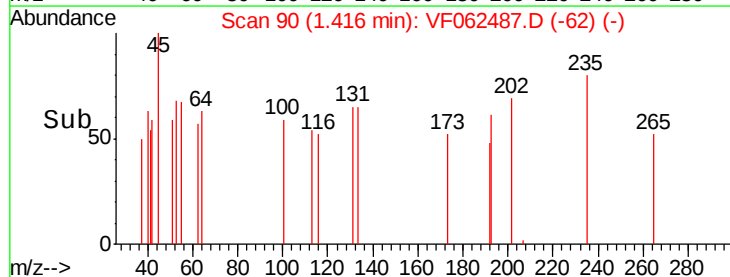
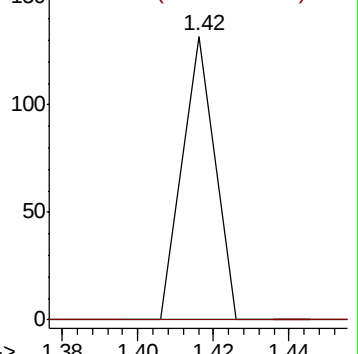
64 100

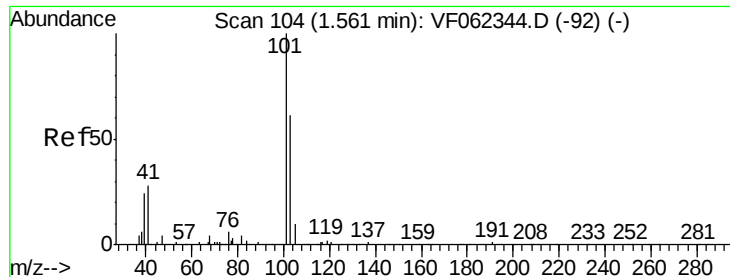
66 0.0 26.6 39.8#



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0





#7

Trichlorofluoromethane

Concen: 1.270 ug/l

RT: 1.36 min Scan# 84

Delta R.T. -0.20 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

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ClientSampleId :

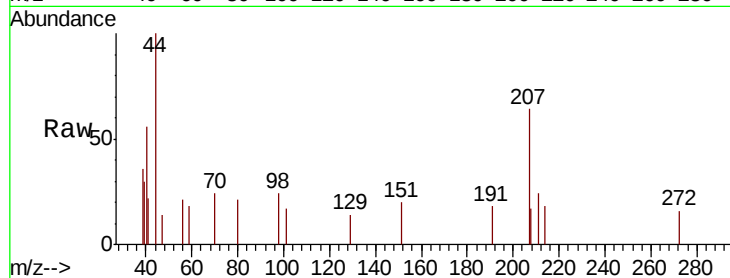
P021-SS005-1218-01

Tgt Ion:101 Resp: 137

Ion Ratio Lower Upper

101 100

103 0.0 48.5 72.7#



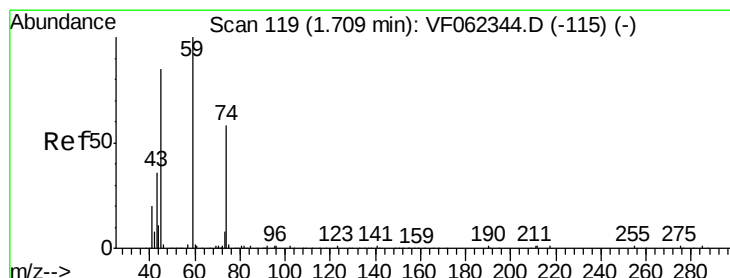
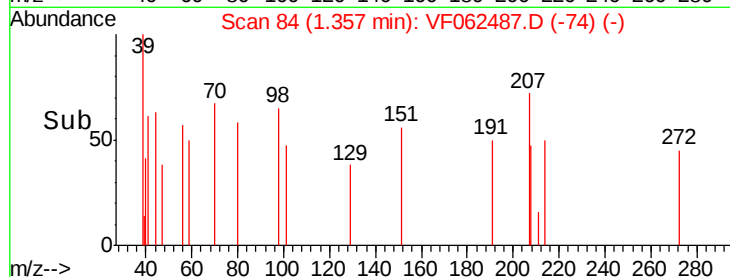
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.36

1.32 1.34 1.36 1.38

Time-->



#8

Diethyl Ether

Concen: 3.920 ug/l

RT: 1.72 min Scan# 121

Delta R.T. 0.01 min

Lab File: VF062487.D

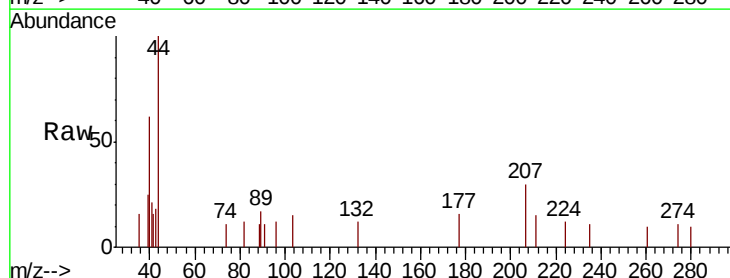
Acq: 12 May 2019 5:15

Tgt Ion: 74 Resp: 64

Ion Ratio Lower Upper

74 100

45 159.4 73.9 221.6



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

200

150

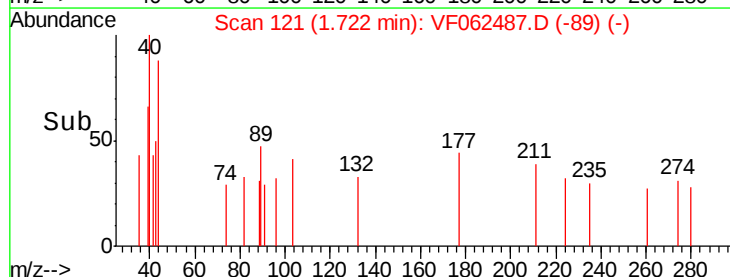
100

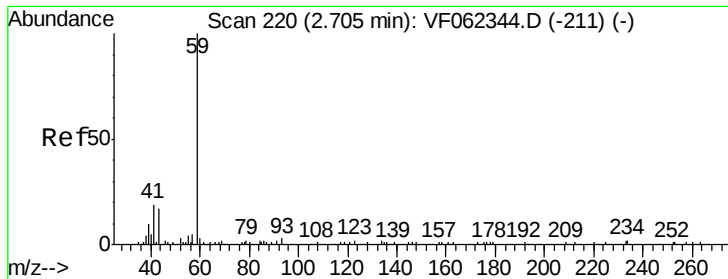
50

0

1.70 1.72 1.74

Time-->

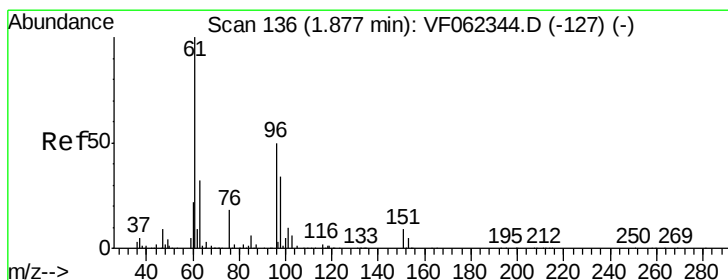
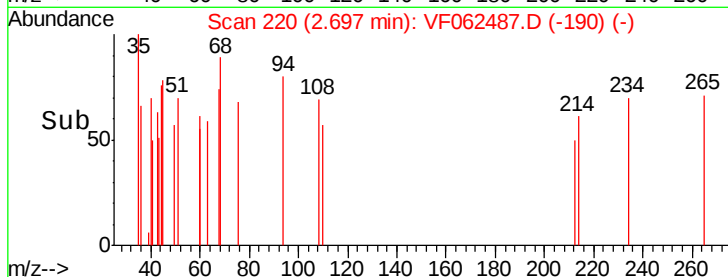
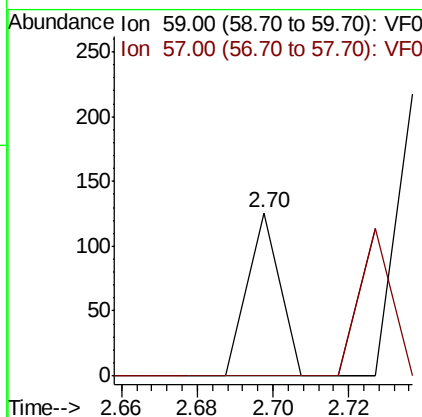
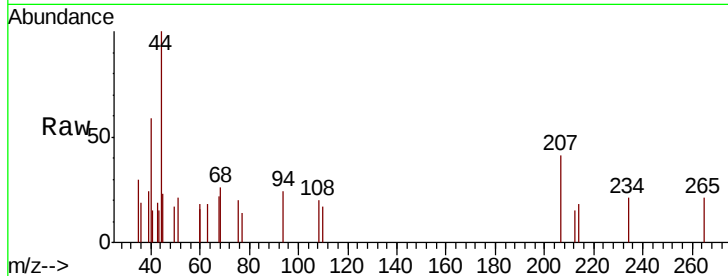




#11
Tert butyl alcohol
Concen: 20.559 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.01 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

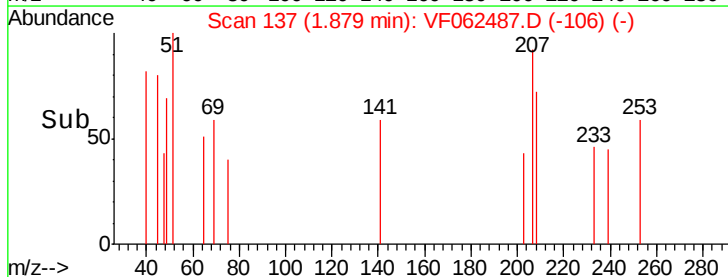
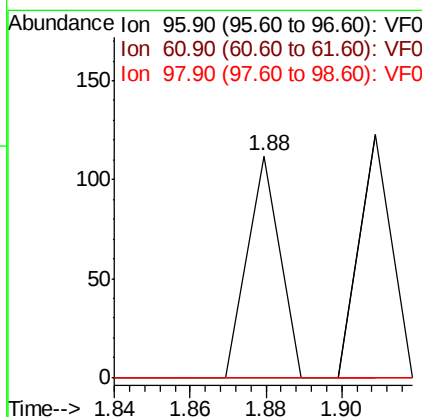
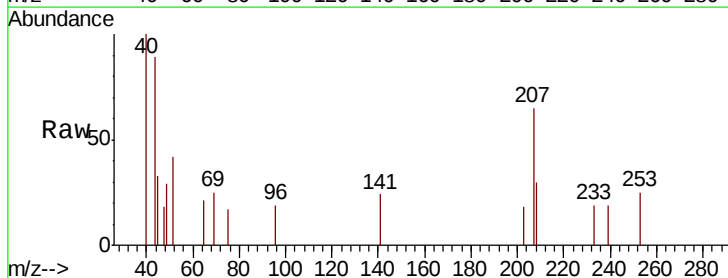
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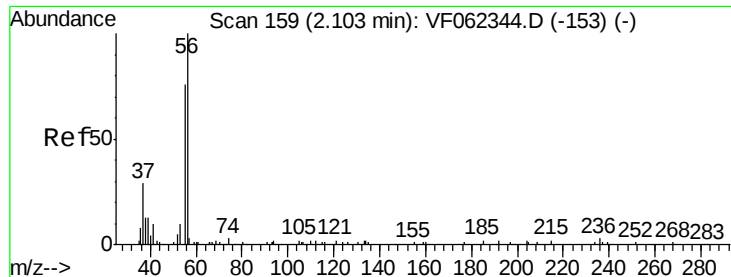
Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 1.260 ug/l
RT: 1.88 min Scan# 137
Delta R.T. 0.00 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

Tgt Ion: 96 Resp: 66
Ion Ratio Lower Upper
96 100
61 0.0 163.2 244.8#
98 0.0 55.2 82.8#





#13

Acrolein

Concen: 6.003 ug/l

RT: 2.11 min Scan# 160

Delta R.T. 0.00 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

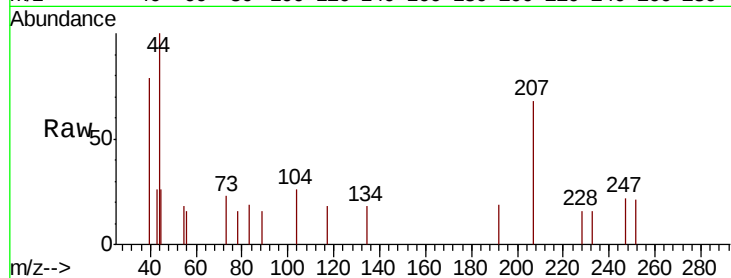
P021-SS005-1218-01

Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

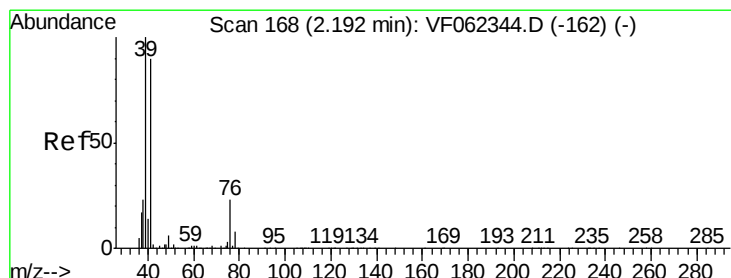
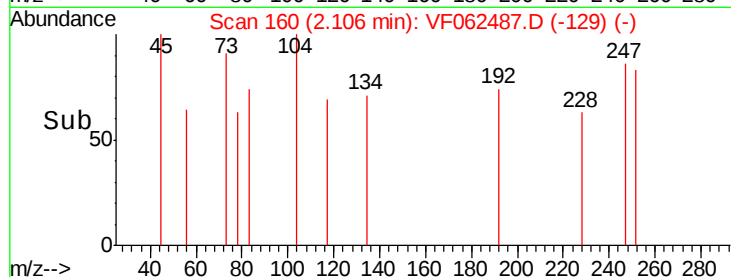
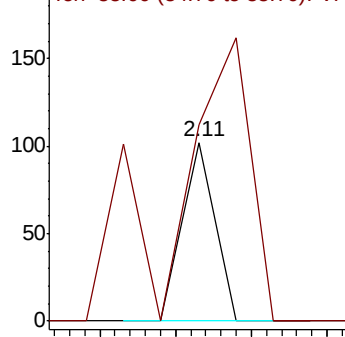
56 100

55 370.0 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: 11.933 ug/l

RT: 2.19 min Scan# 169

Delta R.T. 0.00 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

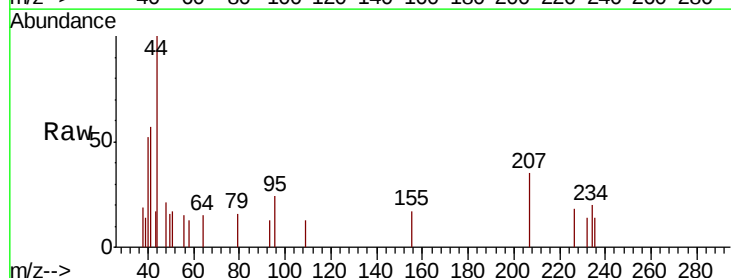
Tgt Ion: 41 Resp: 552

Ion Ratio Lower Upper

41 100

39 41.3 90.8 136.2#

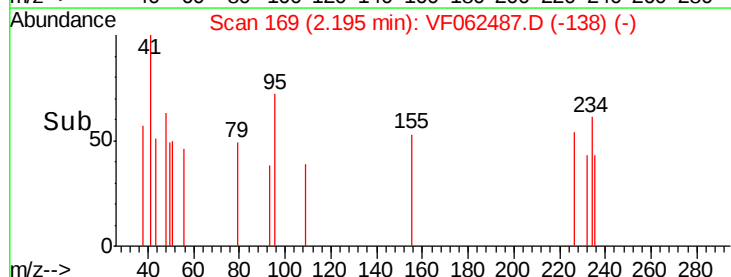
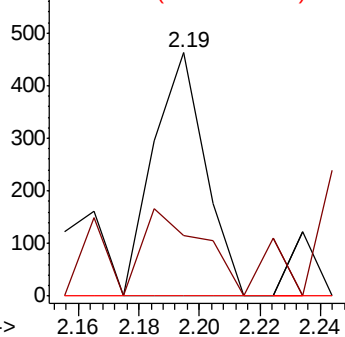
76 0.0 22.2 33.4#

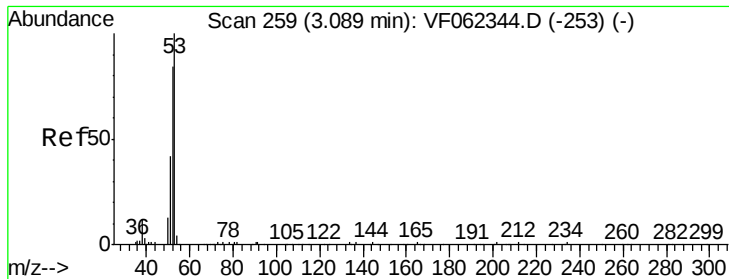


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 75.90 (75.60 to 76.60): VF0





#15

Acrylonitrile

Concen: 9.117 ug/l

RT: 3.10 min Scan# 261

Delta R.T. 0.01 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

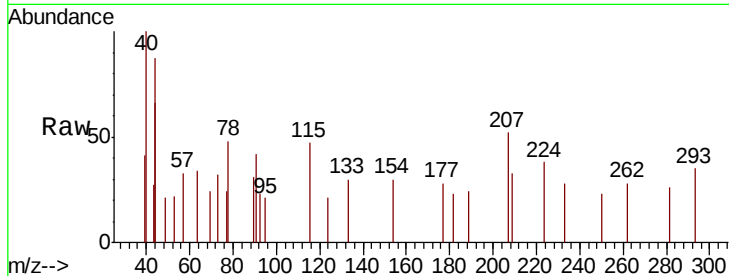
Tgt Ion: 53 Resp: 63

Ion Ratio Lower Upper

53 100

52 0.0 77.2 115.8#

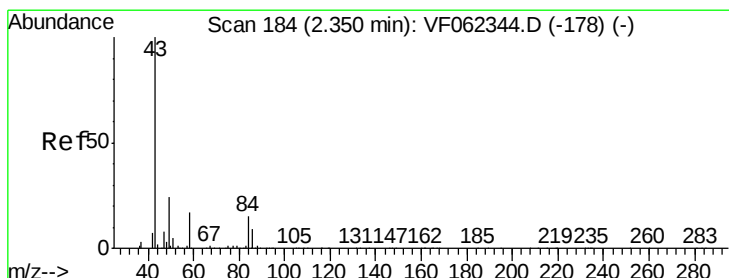
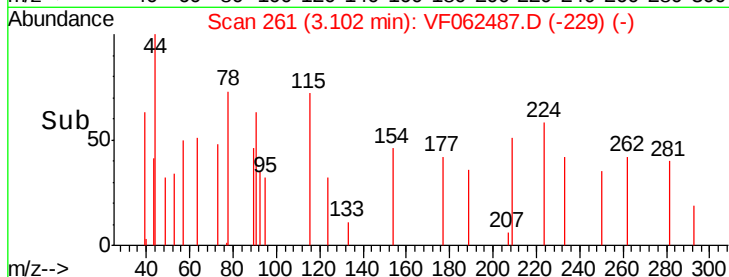
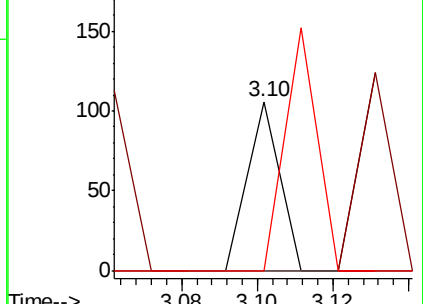
51 142.9 40.6 61.0#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 7.122 ug/l

RT: 2.37 min Scan# 187

Delta R.T. 0.02 min

Lab File: VF062487.D

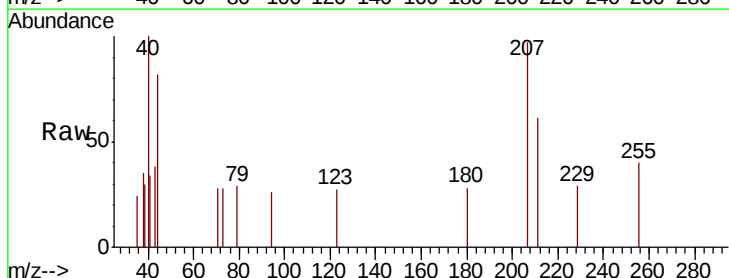
Acq: 12 May 2019 5:15

Tgt Ion: 43 Resp: 93

Ion Ratio Lower Upper

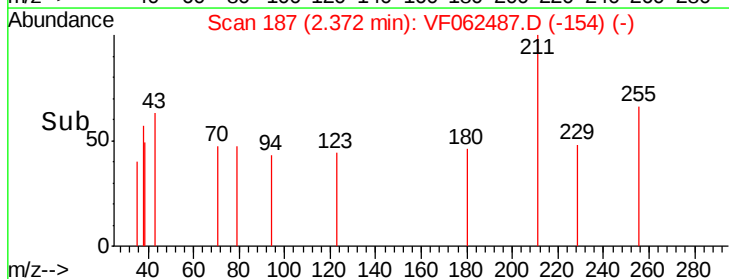
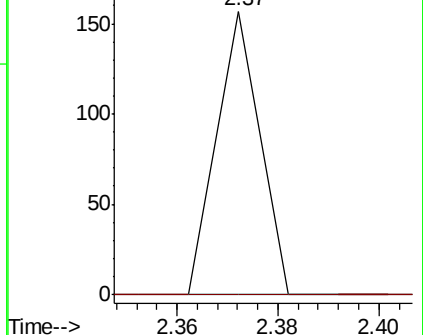
43 100

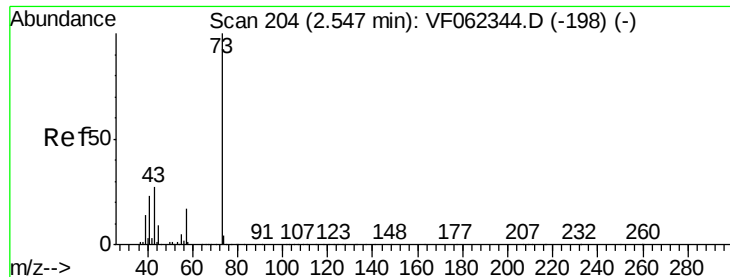
58 0.0 13.1 19.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



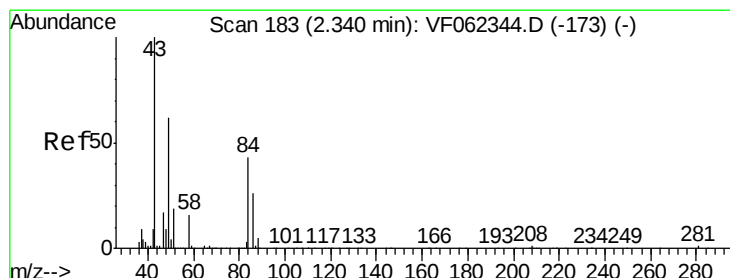
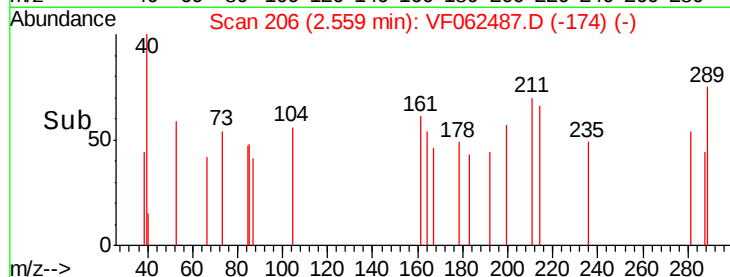
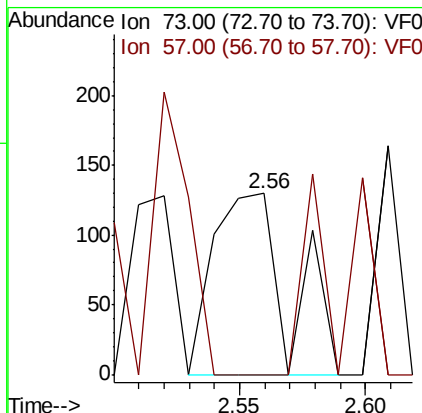
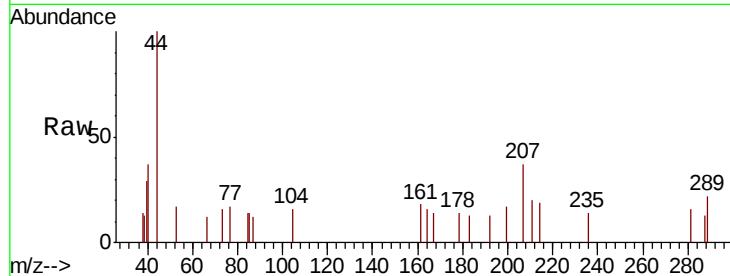


#19

Methyl tert-butyl Ether
 Concen: 2.516 ug/l
 RT: 2.56 min Scan# 206
 Delta R.T. 0.01 min
 Lab File: VF062487.D
 Acq: 12 May 2019 5:15

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-1218-01

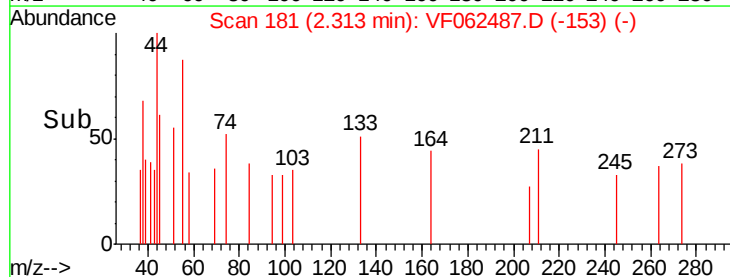
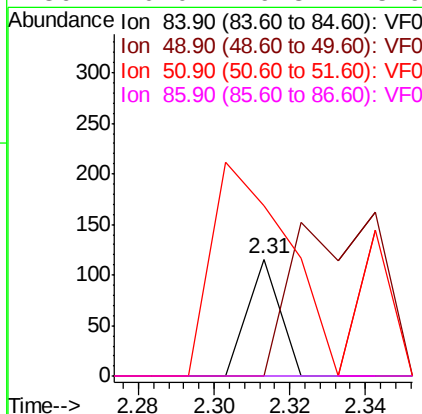
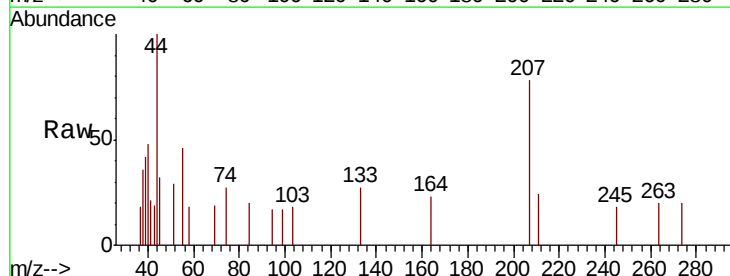
Tgt Ion: 73 Resp: 272
 Ion Ratio Lower Upper
 73 100
 57 0.0 13.7 20.5#

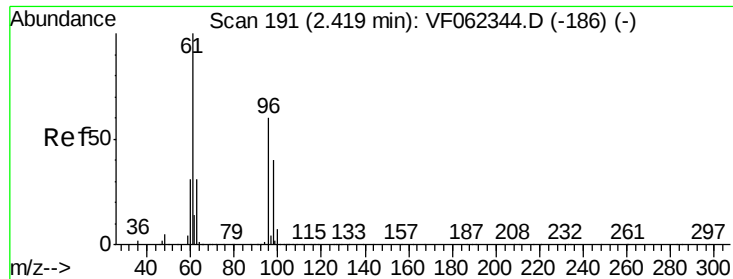


#20

Methylene Chloride
 Concen: 1.461 ug/l
 RT: 2.31 min Scan# 181
 Delta R.T. -0.03 min
 Lab File: VF062487.D
 Acq: 12 May 2019 5:15

Tgt Ion: 84 Resp: 69
 Ion Ratio Lower Upper
 84 100
 49 0.0 117.5 176.3#
 51 145.7 37.0 55.4#
 86 0.0 49.3 73.9#





#21

trans-1,2-Dichloroethene

Concen: 1.383 ug/l

RT: 2.39 min Scan# 189

Delta R.T. -0.03 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

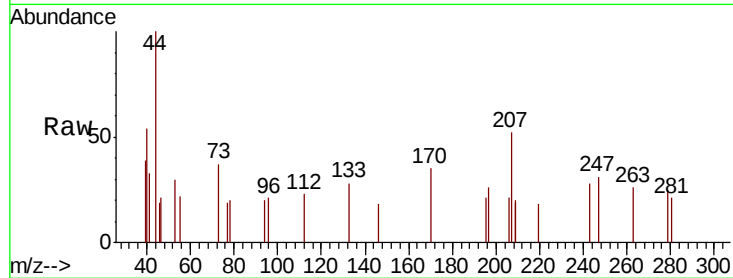
Tgt Ion: 96 Resp: 69

Ion Ratio Lower Upper

96 100

61 0.0 133.2 199.8#

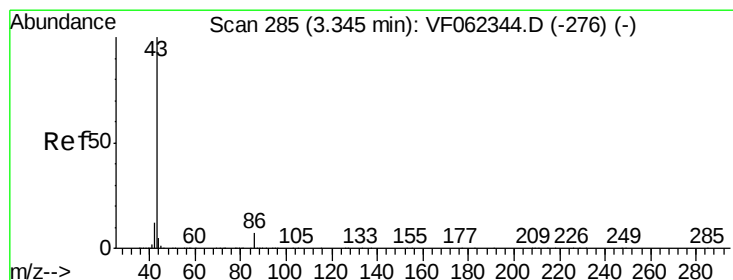
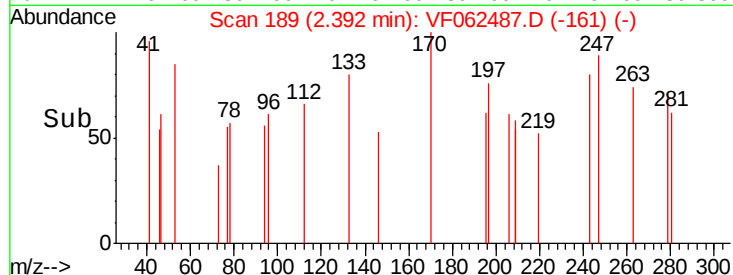
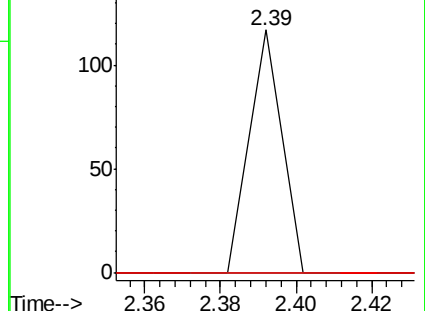
98 0.0 53.1 79.7#



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



#23

Vinyl Acetate

Concen: 1.552 ug/l

RT: 3.34 min Scan# 285

Delta R.T. -0.01 min

Lab File: VF062487.D

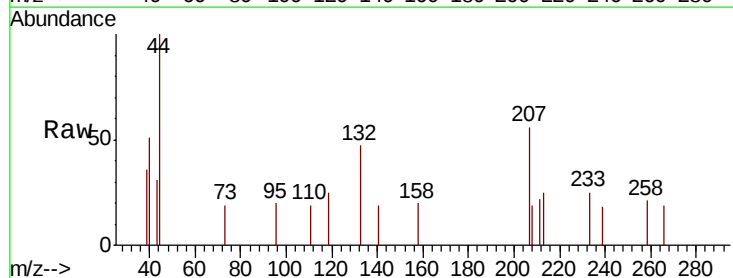
Acq: 12 May 2019 5:15

Tgt Ion: 43 Resp: 100

Ion Ratio Lower Upper

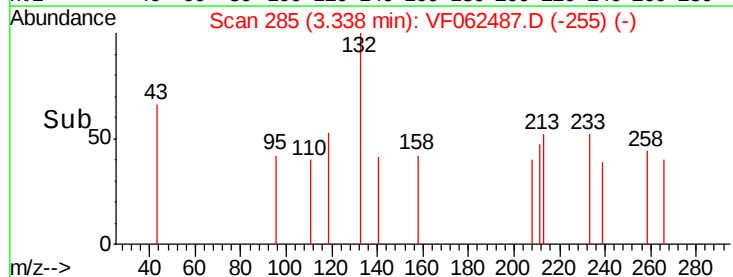
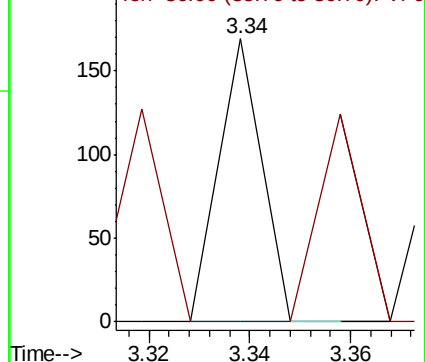
43 100

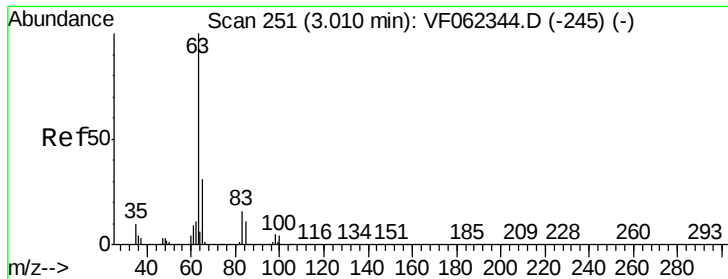
86 0.0 5.7 8.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#24

1,1-Dichloroethane

Concen: 1.682 ug/l

RT: 3.08 min Scan# 259

Delta R.T. 0.07 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

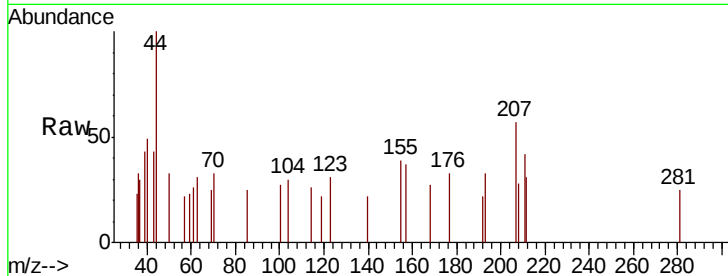
Tgt Ion: 63 Resp: 147

Ion Ratio Lower Upper

63 100

98 0.0 2.6 8.0#

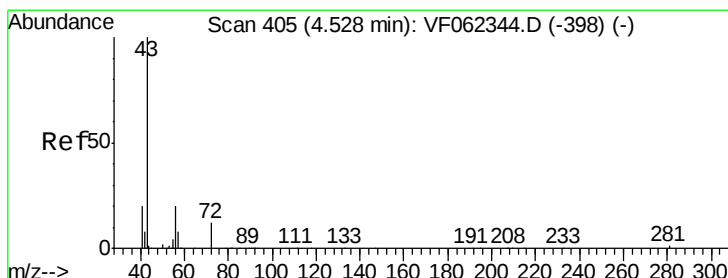
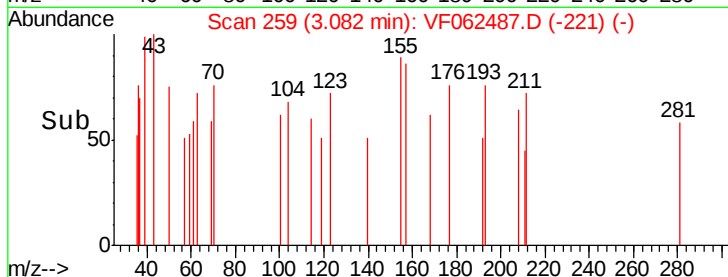
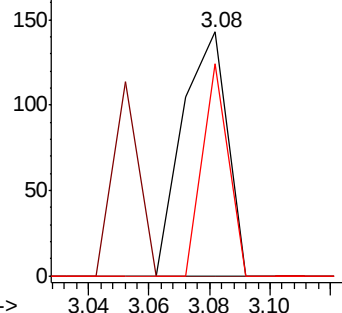
100 86.7 1.8 5.4#



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: 14.204 ug/l

RT: 4.54 min Scan# 407

Delta R.T. 0.01 min

Lab File: VF062487.D

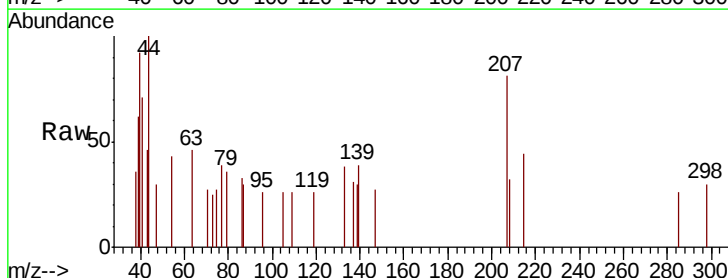
Acq: 12 May 2019 5:15

Tgt Ion: 43 Resp: 233

Ion Ratio Lower Upper

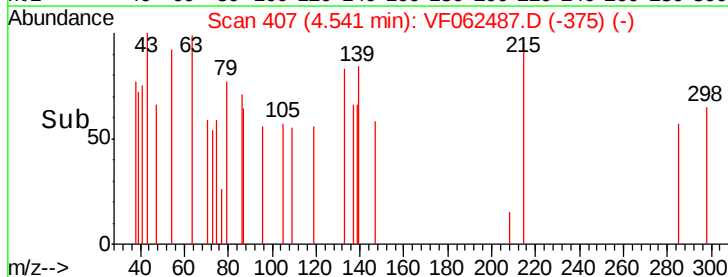
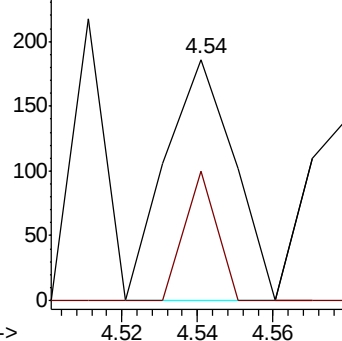
43 100

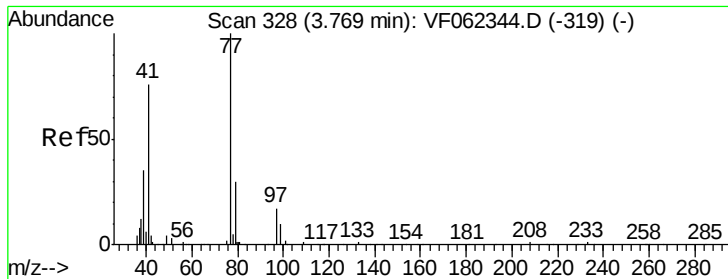
72 53.8 14.2 21.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

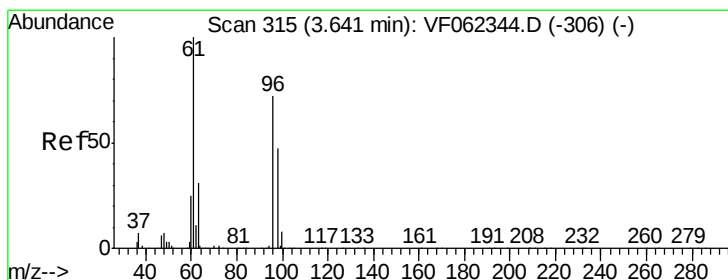
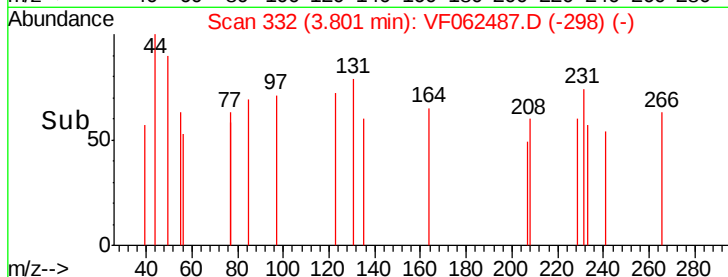
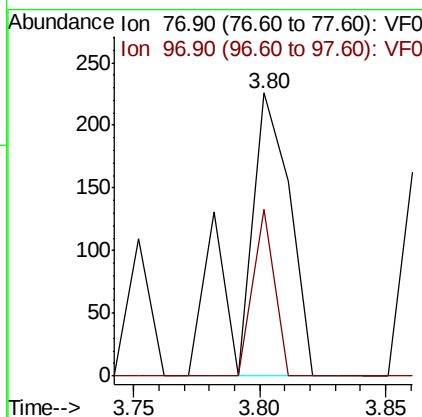
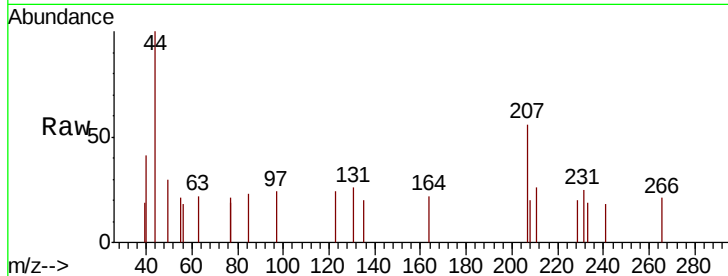




#26
 2,2-Dichloropropane
 Concen: 6.210 ug/l
 RT: 3.80 min Scan# 332
 Delta R.T. 0.03 min
 Lab File: VF062487.D
 Acq: 12 May 2019 5:15

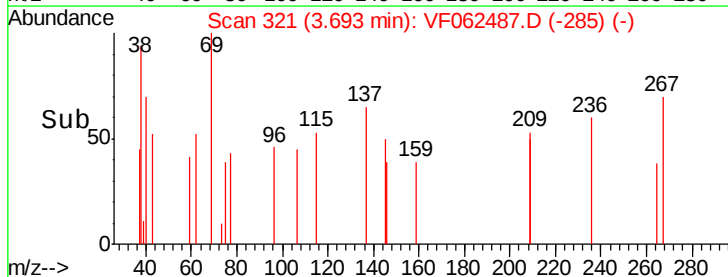
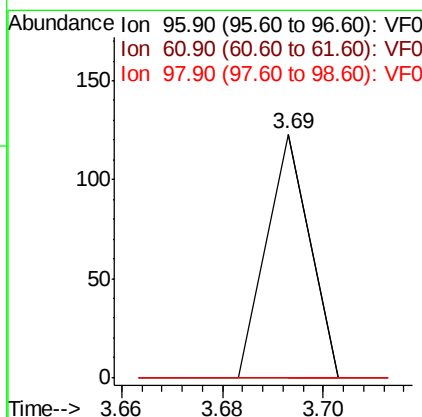
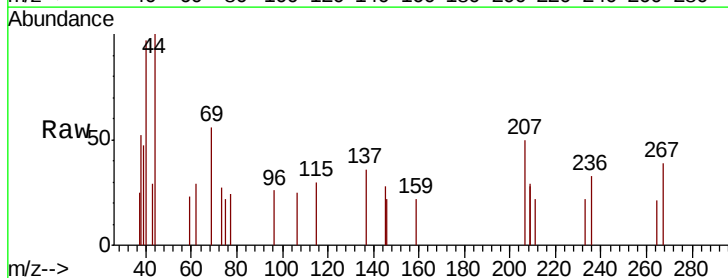
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-1218-01

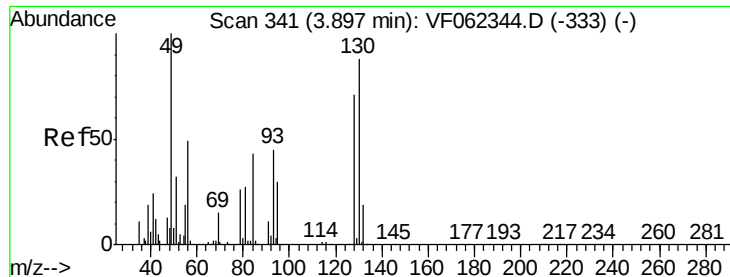
Tgt Ion: 77 Resp: 303
 Ion Ratio Lower Upper
 77 100
 97 26.1 9.5 28.5



#27
 cis-1,2-Dichloroethene
 Concen: 1.171 ug/l
 RT: 3.69 min Scan# 321
 Delta R.T. 0.05 min
 Lab File: VF062487.D
 Acq: 12 May 2019 5:15

Tgt Ion: 96 Resp: 73
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 263.0
 98 0.0 0.0 130.8





#28

Bromochloromethane

Concen: 2.322 ug/l

RT: 3.78 min Scan# 330

Delta R.T. -0.12 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

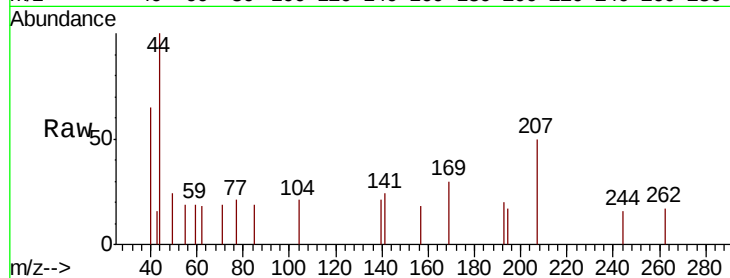
Tgt Ion: 49 Resp: 92

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

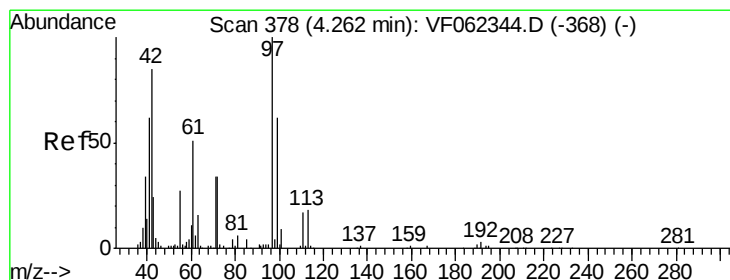
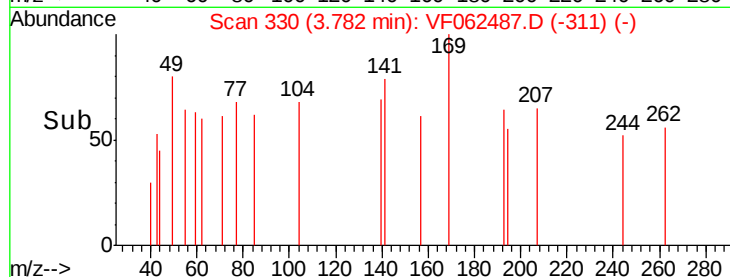
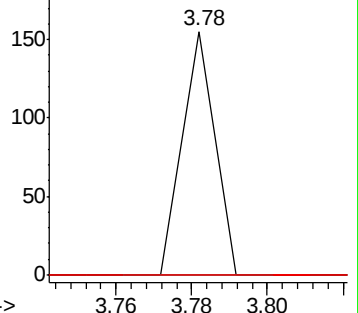
130 0.0 79.4 119.0#



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: 11.672 ug/l

RT: 4.28 min Scan# 381

Delta R.T. 0.02 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

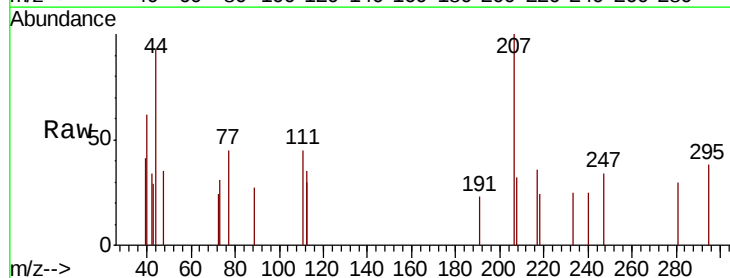
Tgt Ion: 42 Resp: 88

Ion Ratio Lower Upper

42 100

72 71.6 31.4 47.0#

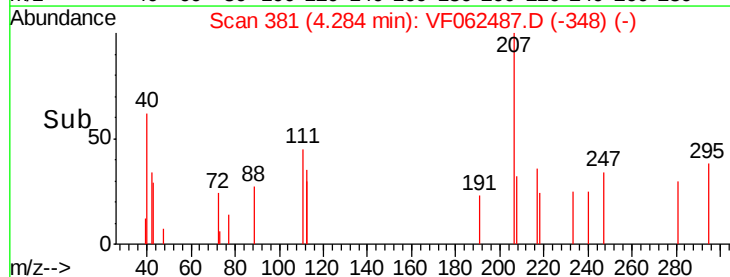
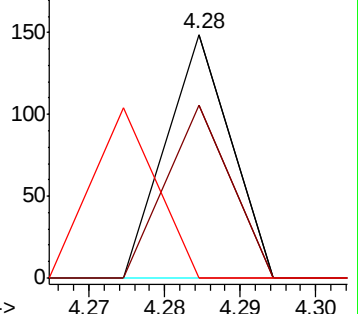
71 70.5 31.7 47.5#

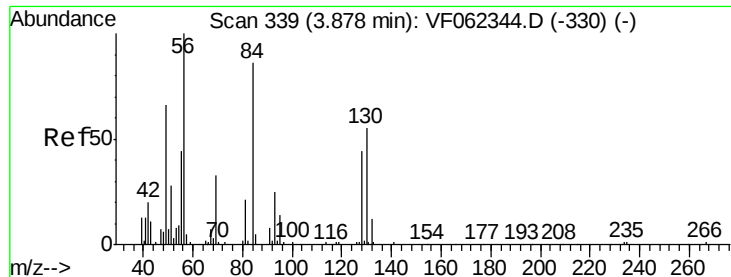


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0

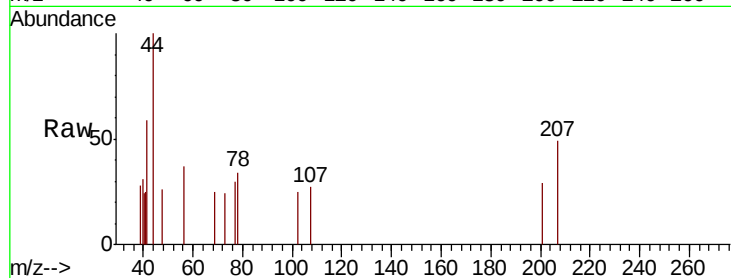




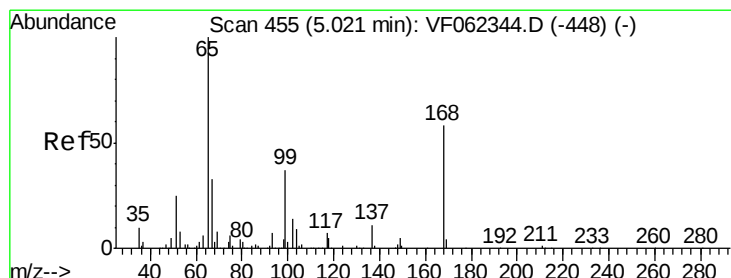
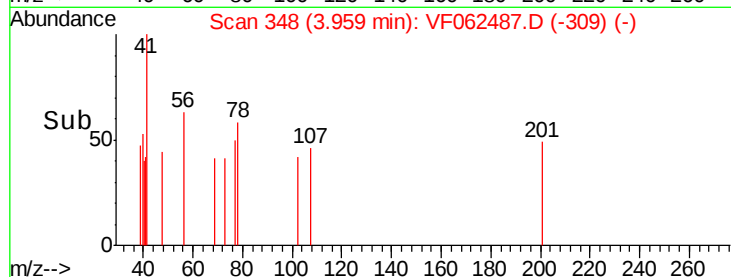
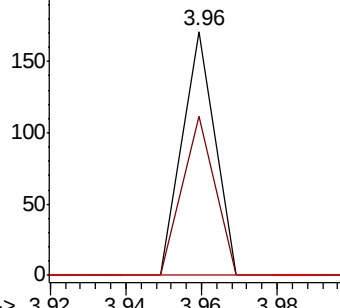
#31
Cyclohexane
Concen: 1.448 ug/l
RT: 3.96 min Scan# 348
Delta R.T. 0.08 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

Tgt Ion: 56 Resp: 101
Ion Ratio Lower Upper
56 100
69 65.5 26.4 39.6#
84 0.0 69.0 103.6#

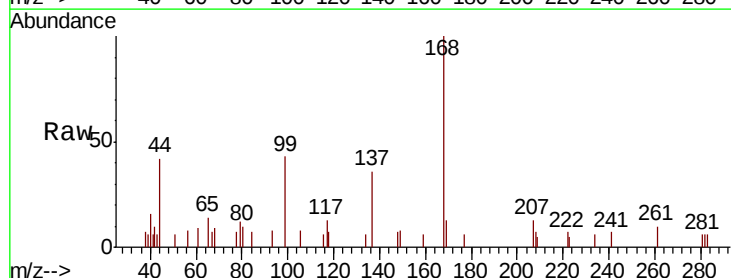


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

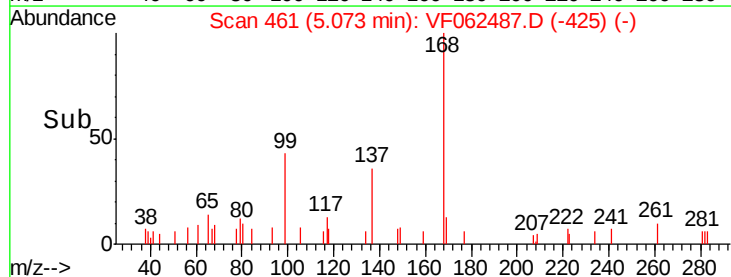
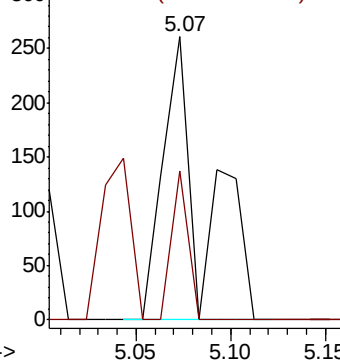


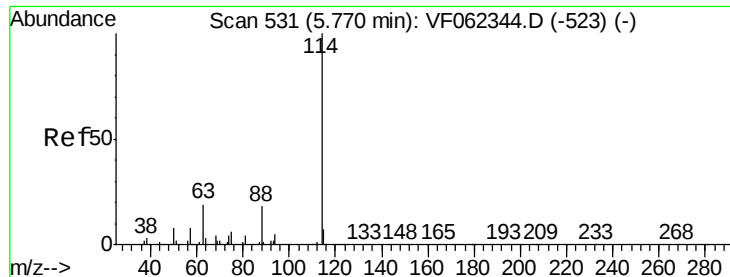
#33
1,2-Dichloroethane-d4
Concen: 6.058 ug/l
RT: 5.07 min Scan# 461
Delta R.T. 0.05 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

Tgt Ion: 65 Resp: 391
Ion Ratio Lower Upper
65 100
67 20.7 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: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

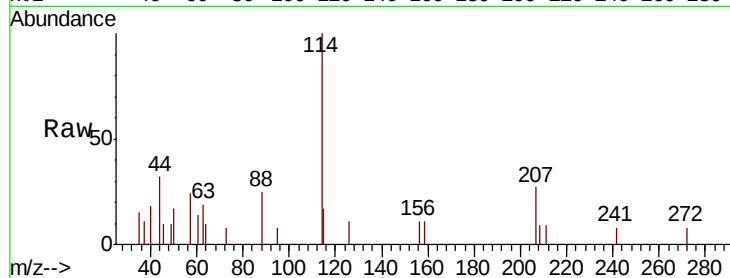
Tgt Ion:114 Resp: 3562

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

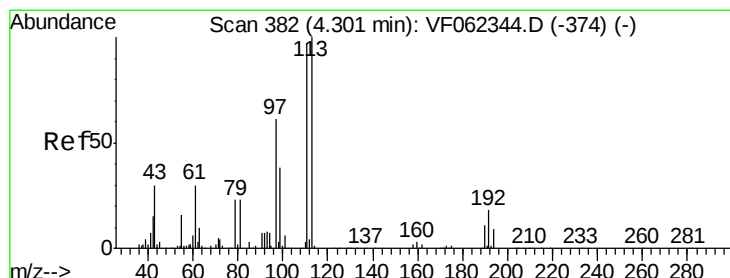
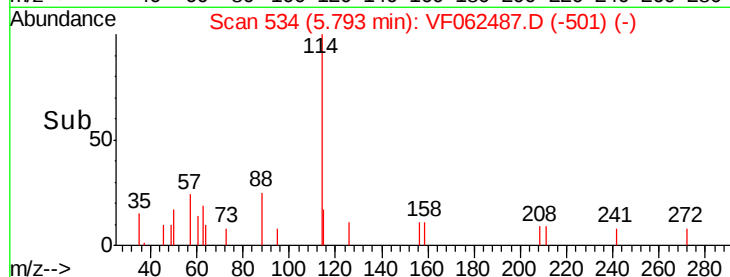
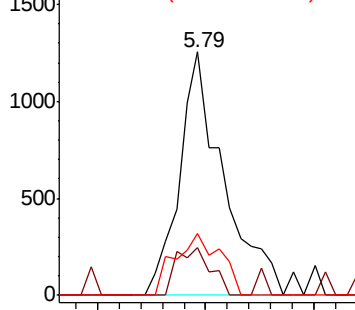
88 25.4 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 34.816 ug/l

RT: 4.33 min Scan# 386

Delta R.T. 0.03 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

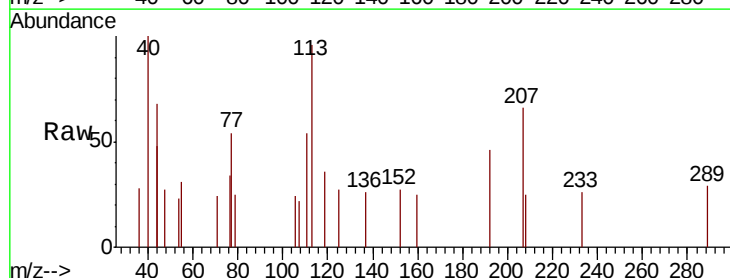
Tgt Ion:113 Resp: 988

Ion Ratio Lower Upper

113 100

111 134.0 79.4 119.0#

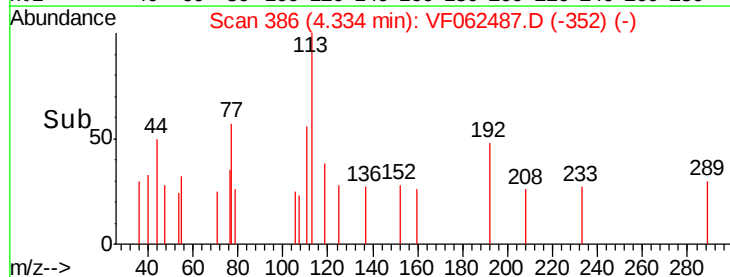
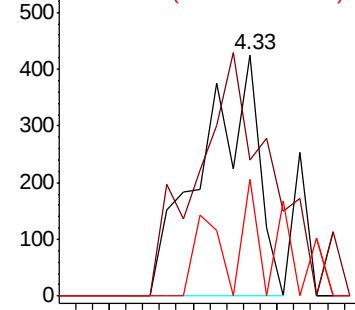
192 12.2 16.0 24.0#

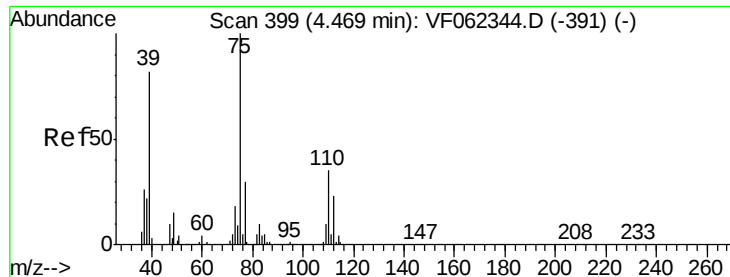


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.150 ug/l

RT: 4.48 min Scan# 401

Delta R.T. 0.01 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

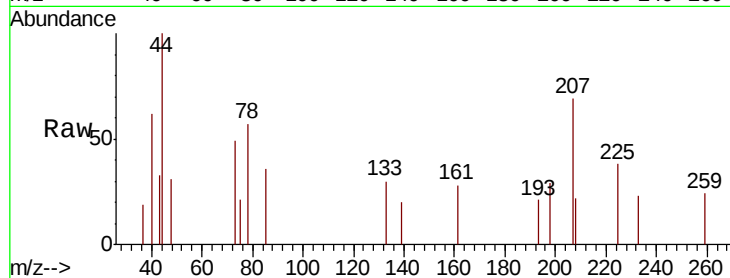
Tgt Ion: 75 Resp: 127

Ion Ratio Lower Upper

75 100

110 0.0 17.2 51.5#

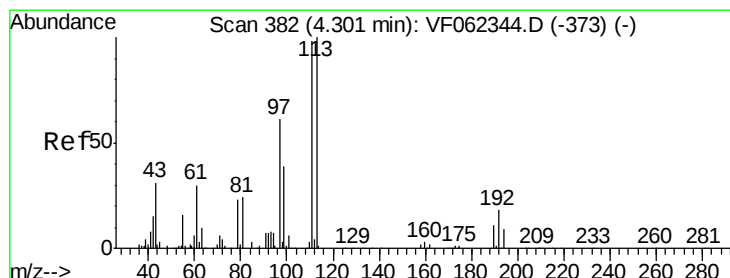
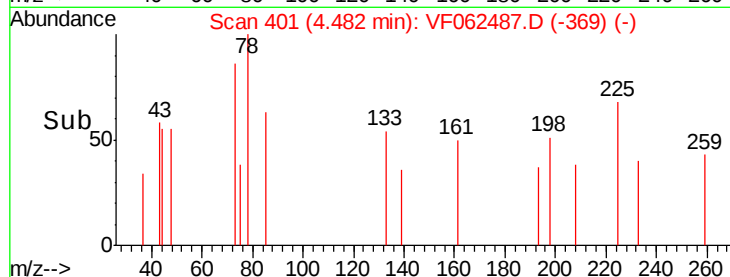
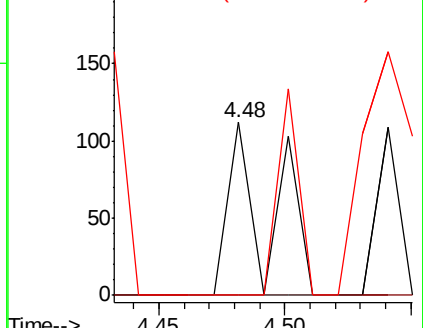
77 62.2 25.2 37.8#



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: 21.878 ug/l

RT: 4.32 min Scan# 385

Delta R.T. 0.02 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

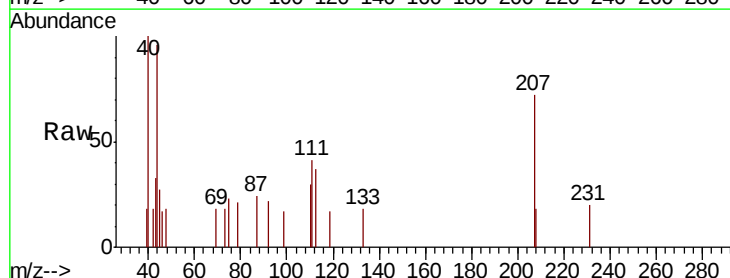
Tgt Ion: 43 Resp: 296

Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

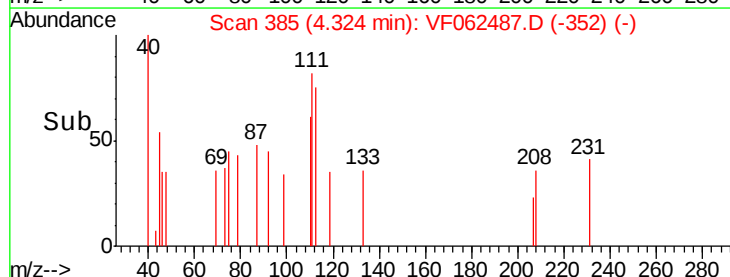
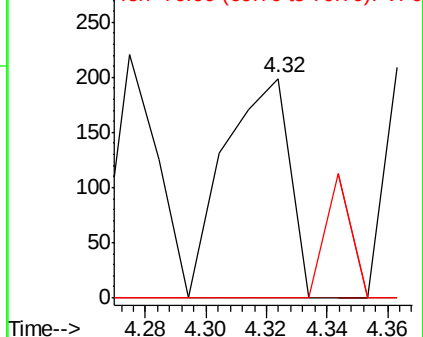
70 0.0 8.2 12.2#

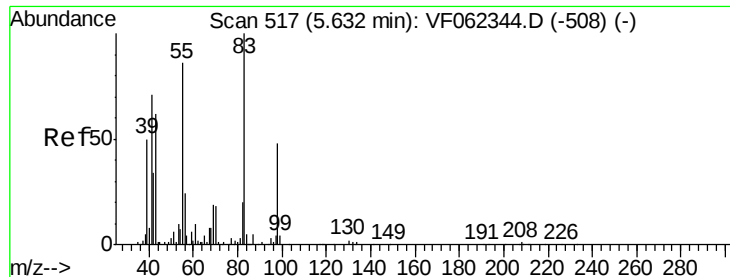


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 70.00 (69.70 to 70.70): VF0

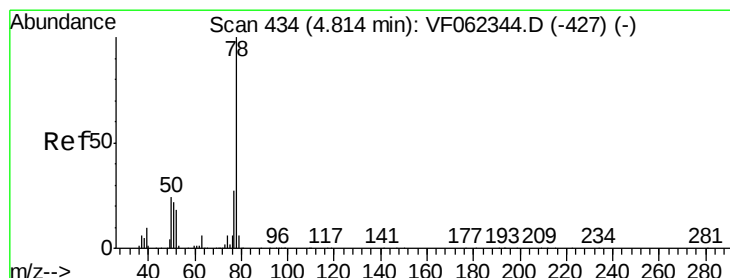
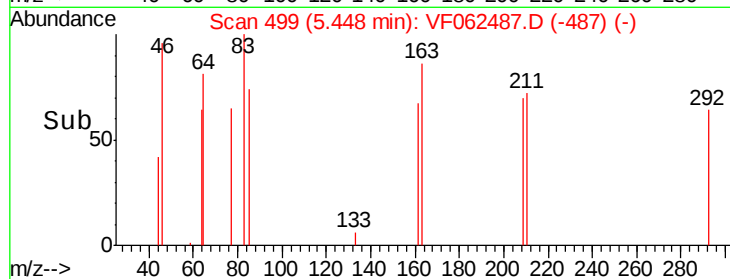
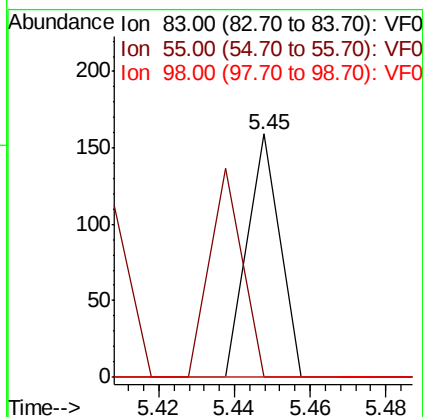
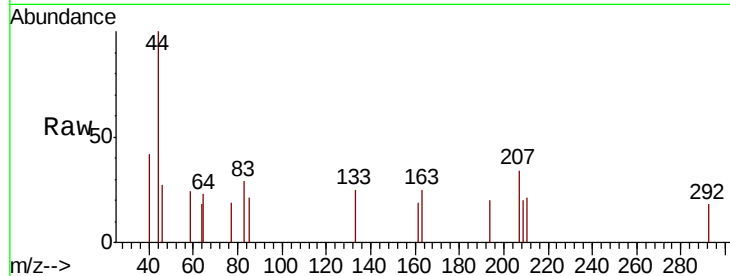




#39
Methylcyclohexane
Concen: 3.063 ug/l
RT: 5.45 min Scan# 499
Delta R.T. -0.18 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

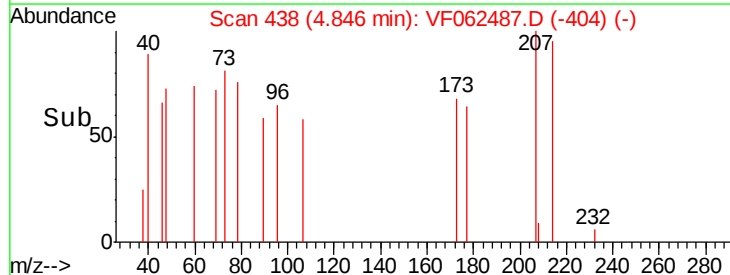
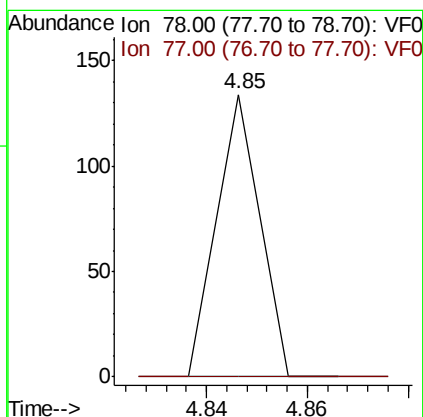
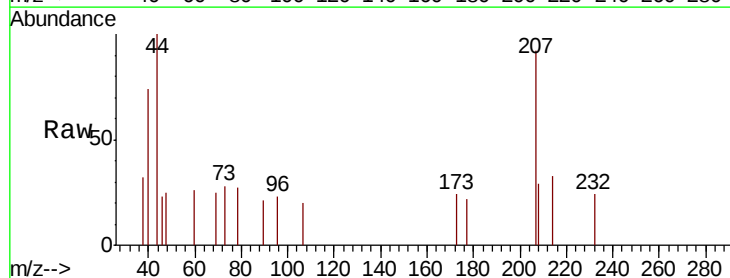
Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

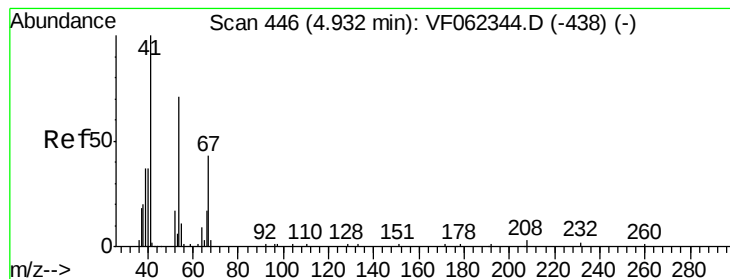
Tgt Ion: 83 Resp: 94
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.6#
98 0.0 38.6 58.0#



#40
Benzene
Concen: 1.172 ug/l
RT: 4.85 min Scan# 438
Delta R.T. 0.03 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

Tgt Ion: 78 Resp: 79
Ion Ratio Lower Upper
78 100
77 0.0 21.6 32.4#





#41

Methacrylonitrile

Concen: 17.718 ug/l

RT: 4.94 min Scan# 447

Delta R.T. 0.00 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

Tgt Ion: 41 Resp: 130

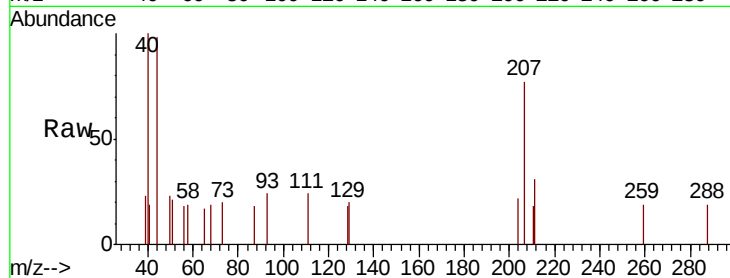
Ion Ratio Lower Upper

41 100

39 0.0 54.3 81.5#

67 51.5 37.8 56.8

52 57.7 58.2 87.4#

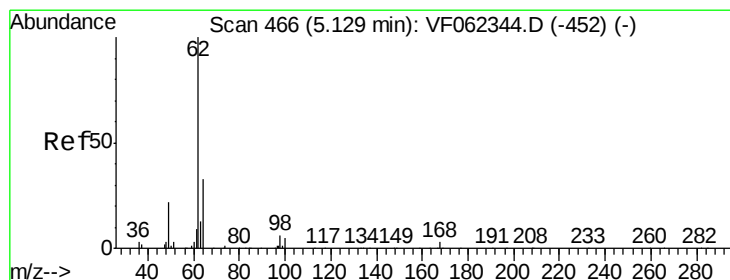
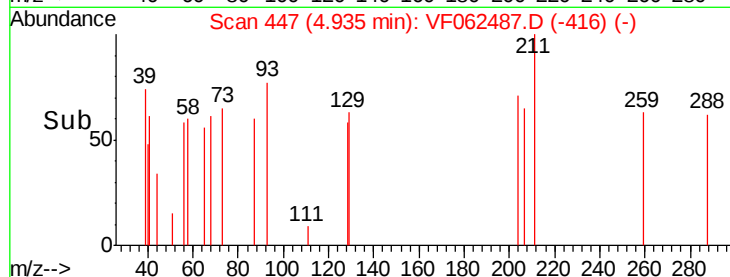
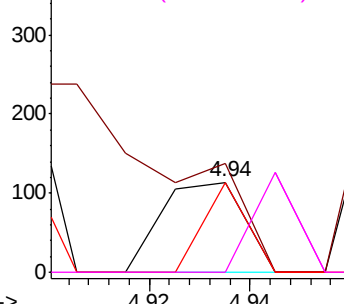


Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 2.236 ug/l

RT: 5.17 min Scan# 471

Delta R.T. 0.04 min

Lab File: VF062487.D

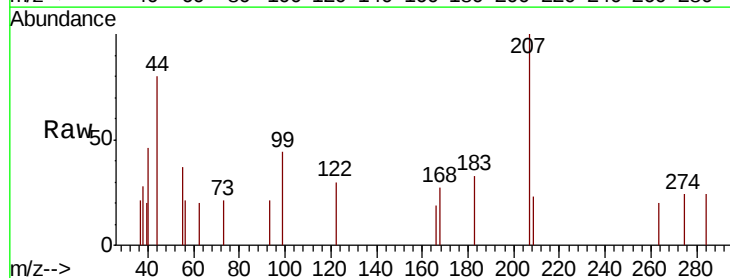
Acq: 12 May 2019 5:15

Tgt Ion: 62 Resp: 63

Ion Ratio Lower Upper

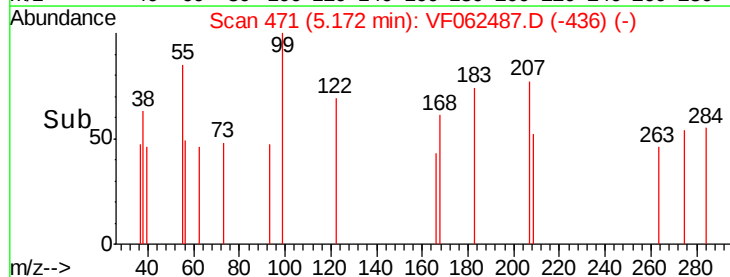
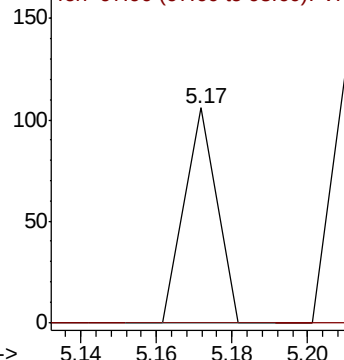
62 100

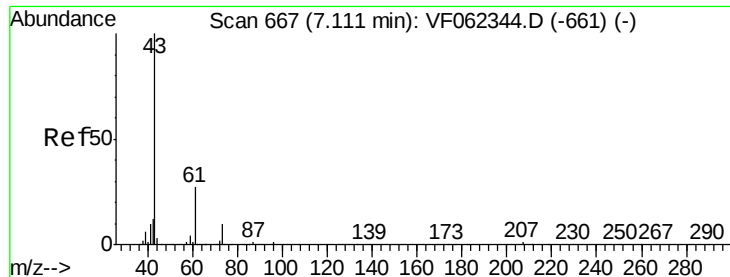
98 0.0 0.0 12.4



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0





#43

Isopropyl Acetate

Concen: 11.999 ug/l

RT: 7.14 min Scan# 671

Delta R.T. 0.03 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

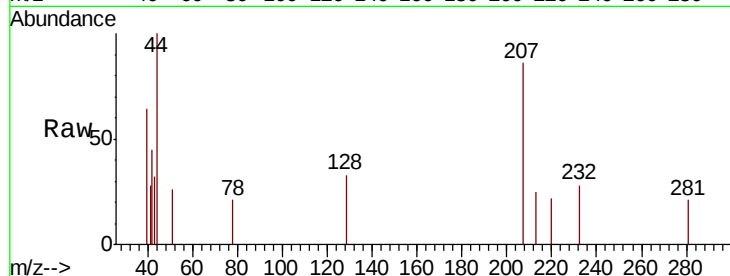
Tgt Ion: 43 Resp: 167

Ion Ratio Lower Upper

43 100

61 104.8 22.8 34.2#

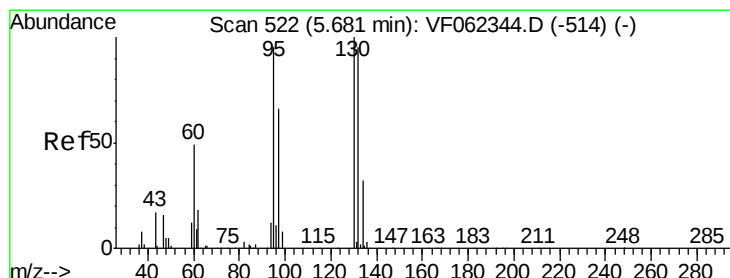
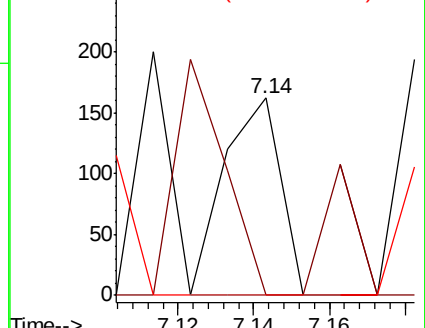
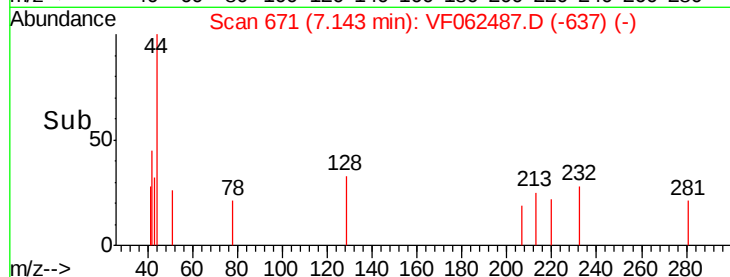
87 0.0 0.6 1.0#



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



#44

Trichloroethene

Concen: 3.111 ug/l

RT: 5.86 min Scan# 541

Delta R.T. 0.18 min

Lab File: VF062487.D

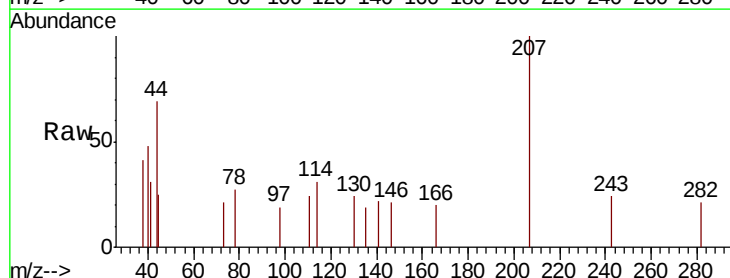
Acq: 12 May 2019 5:15

Tgt Ion: 130 Resp: 77

Ion Ratio Lower Upper

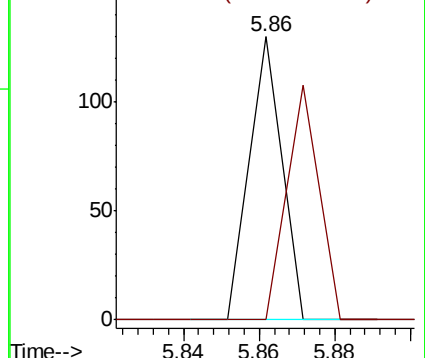
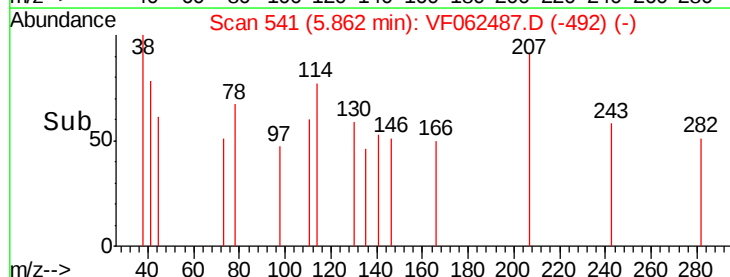
130 100

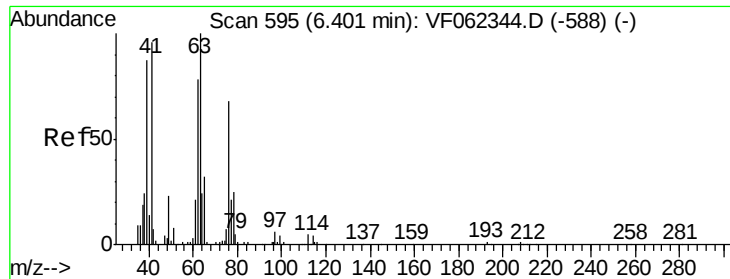
95 0.0 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 5.176 ug/l

RT: 6.65 min Scan# 621

Delta R.T. 0.25 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

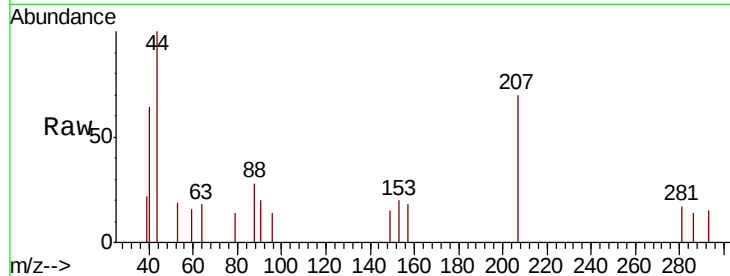
P021-SS005-1218-01

Tgt Ion: 63 Resp: 79

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

6.65

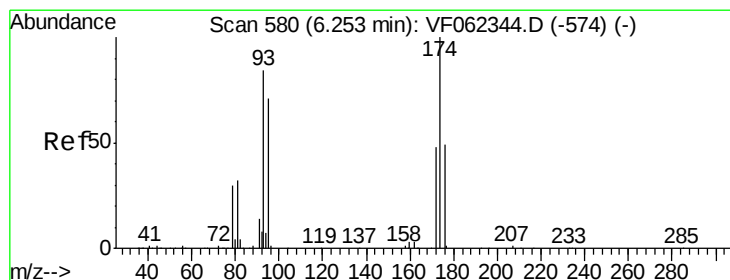
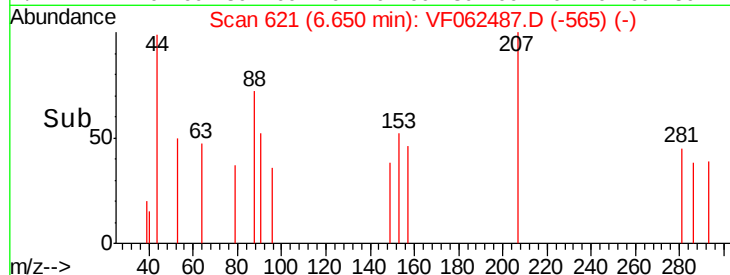
150

100

50

0

Time-->



#46

Dibromomethane

Concen: 5.927 ug/l

RT: 6.28 min Scan# 583

Delta R.T. 0.02 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

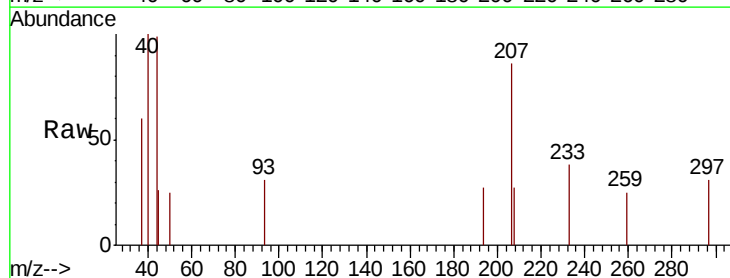
Tgt Ion: 93 Resp: 75

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

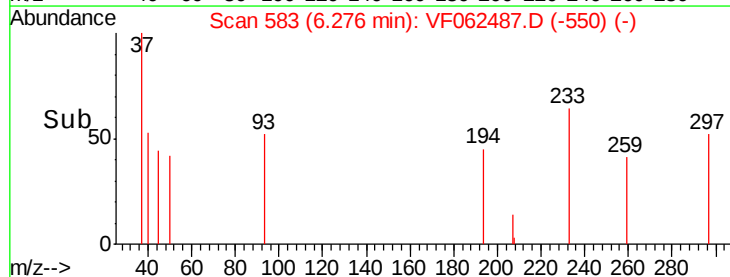
150

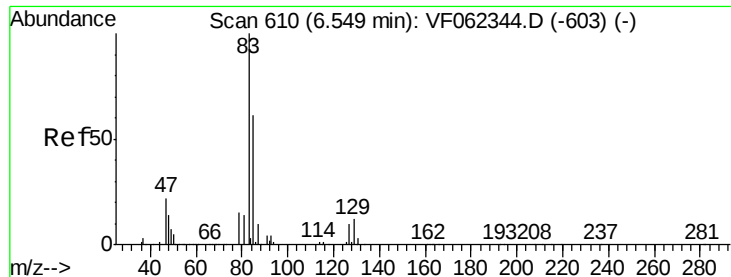
100

50

0

Time-->





#47

Bromodichloromethane

Concen: 2.276 ug/l

RT: 6.57 min Scan# 613

Delta R.T. 0.02 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

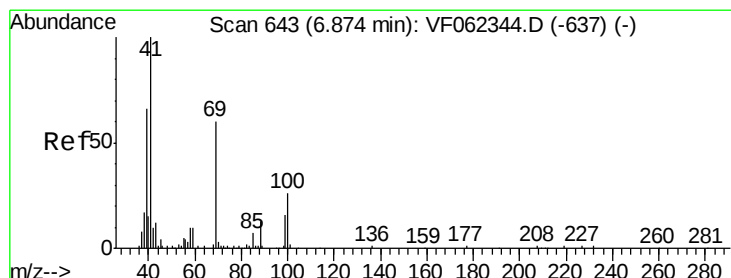
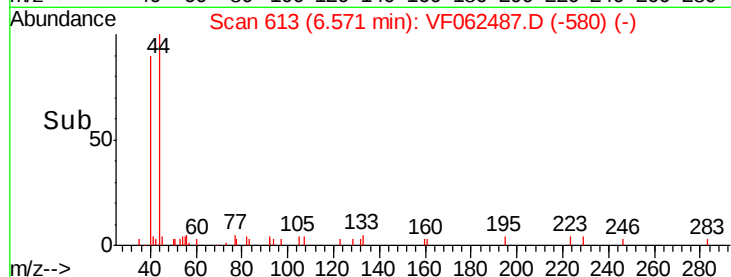
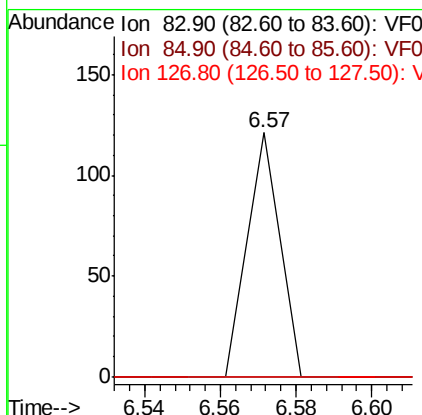
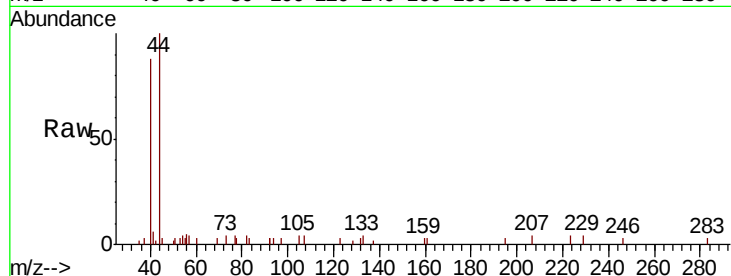
Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

Tgt Ion:	83	Resp:	72
Ion	Ratio	Lower	Upper
83	100		
85	0.0	49.1	73.7#
127	0.0	7.8	11.8#



#48

Methyl methacrylate

Concen: 29.180 ug/l

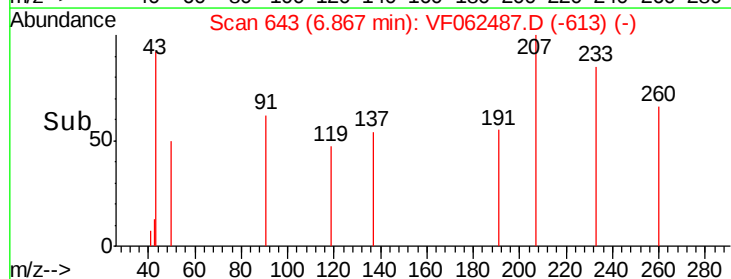
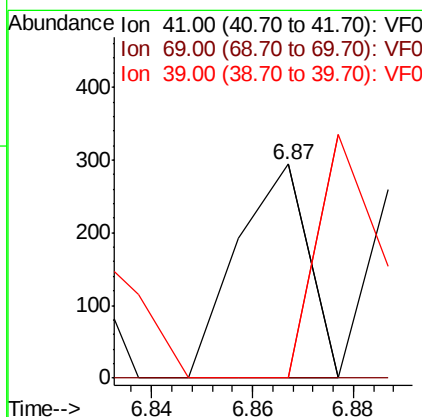
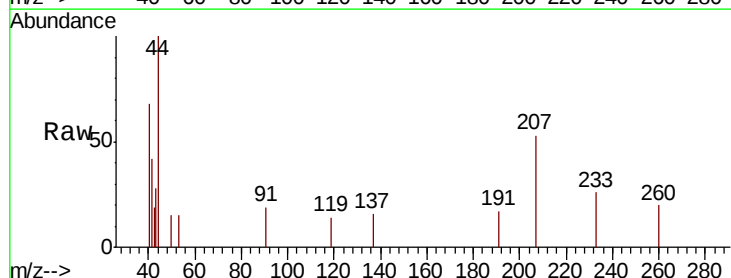
RT: 6.87 min Scan# 643

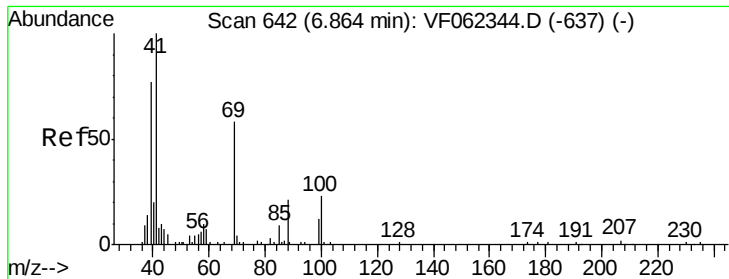
Delta R.T. -0.01 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Tgt Ion:	41	Resp:	287
Ion	Ratio	Lower	Upper
41	100		
69	0.0	48.6	72.8#
39	124.4	56.1	84.1#

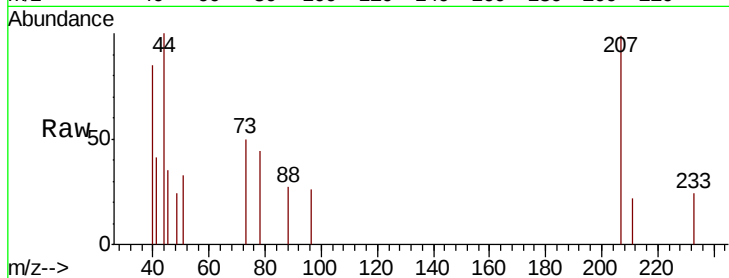




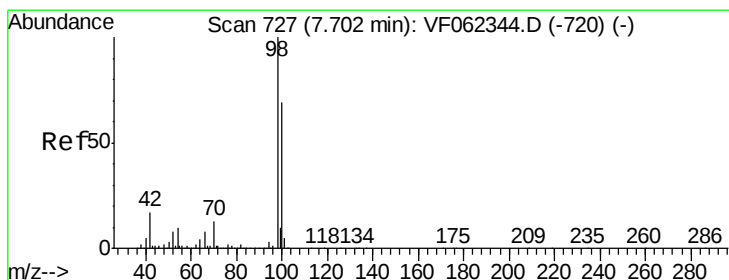
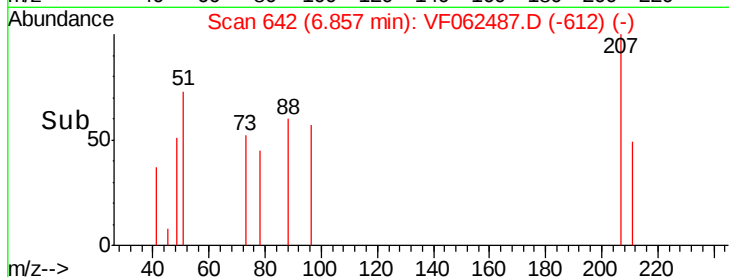
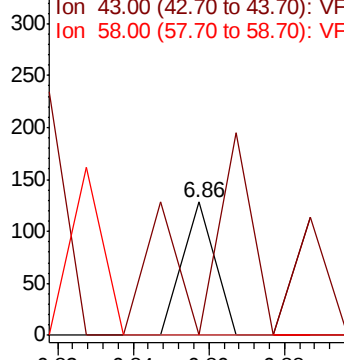
#49
1,4-Dioxane
Concen: 748.012 ug/l
RT: 6.86 min Scan# 642
Delta R.T. -0.01 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

Tgt Ion: 88 Resp: 76
Ion Ratio Lower Upper
88 100
43 340.8 55.6 83.4#
58 0.0 52.8 79.2#

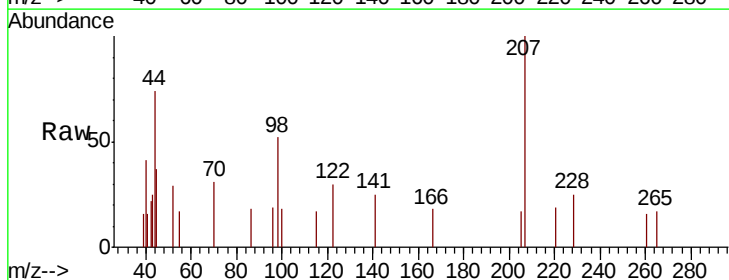


Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

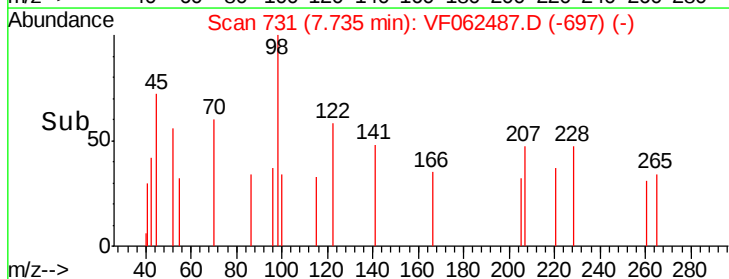
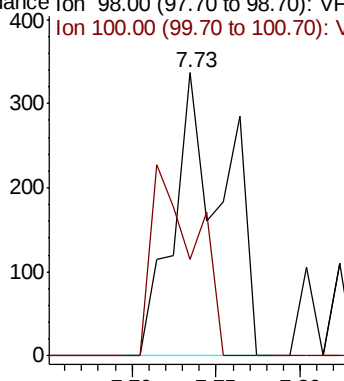


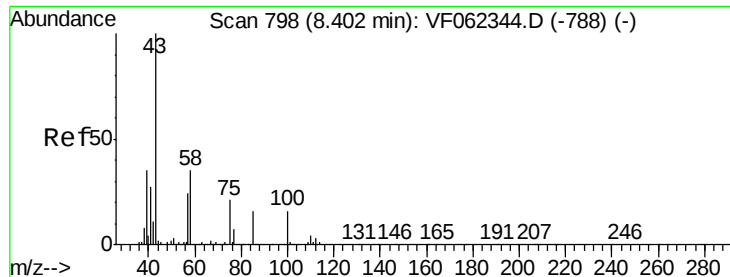
#50
Toluene-d8
Concen: 10.336 ug/l
RT: 7.73 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

Tgt Ion: 98 Resp: 710
Ion Ratio Lower Upper
98 100
100 57.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 26.265 ug/l

RT: 8.20 min Scan# 778

Delta R.T. -0.20 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

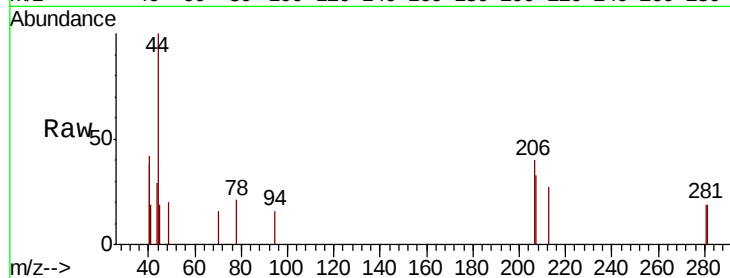
P021-SS005-1218-01

Tgt Ion: 43 Resp: 277

Ion Ratio Lower Upper

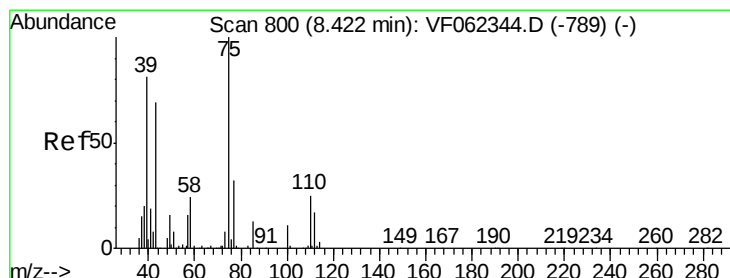
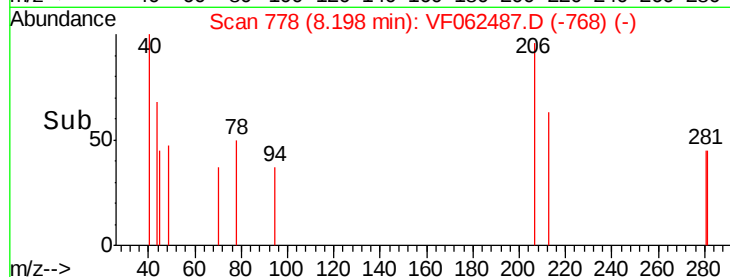
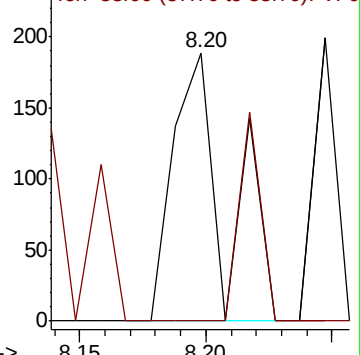
43 100

58 31.4 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#53

t-1,3-Dichloropropene

Concen: 5.224 ug/l

RT: 8.34 min Scan# 792

Delta R.T. -0.09 min

Lab File: VF062487.D

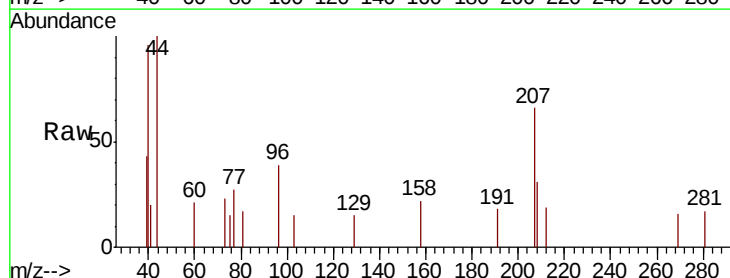
Acq: 12 May 2019 5:15

Tgt Ion: 75 Resp: 125

Ion Ratio Lower Upper

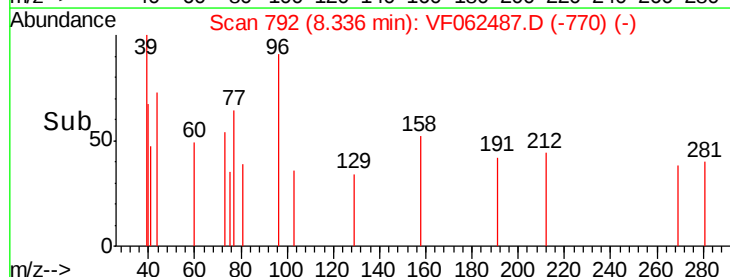
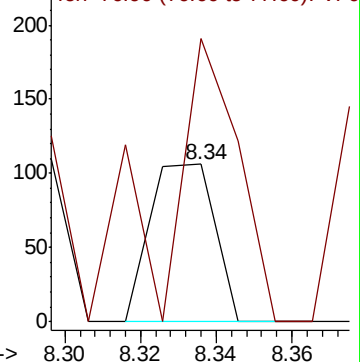
75 100

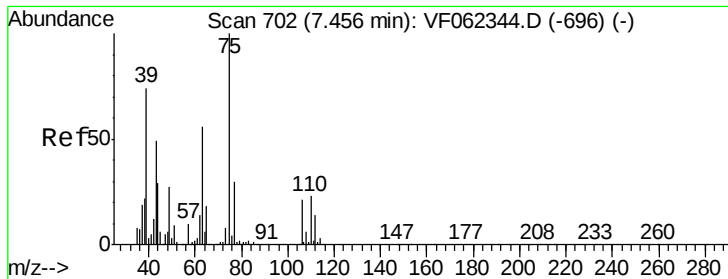
77 180.2 25.4 38.0#



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: 8.726 ug/l

RT: 7.56 min Scan# 713

Delta R.T. 0.10 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

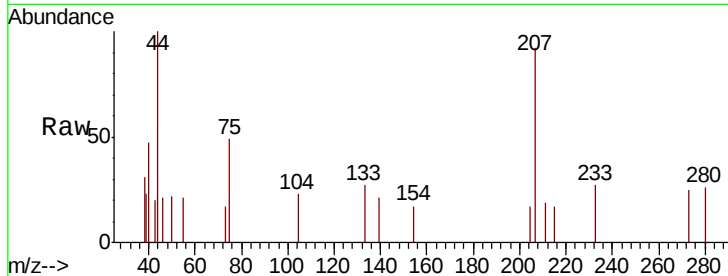
Tgt Ion: 75 Resp: 243

Ion Ratio Lower Upper

75 100

77 0.0 24.0 36.0#

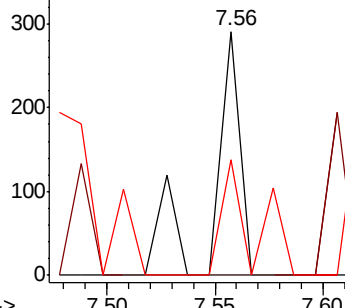
39 12.0 58.7 88.1#



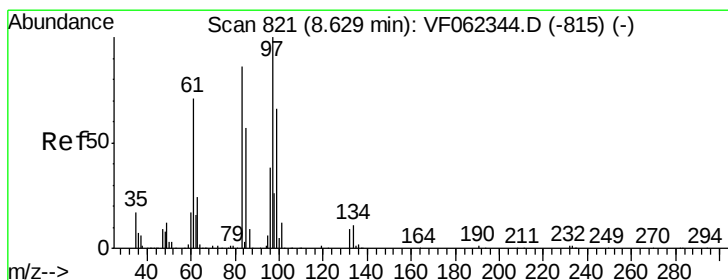
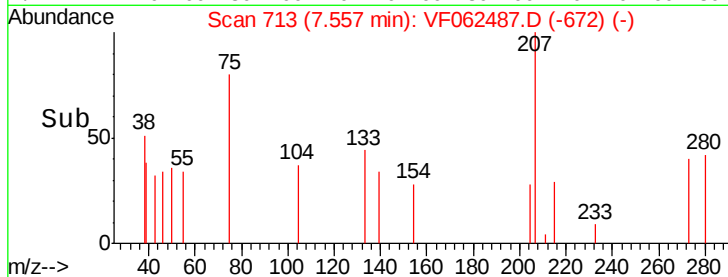
Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0

Ion 39.00 (38.70 to 39.70): VF0



Time-->



#55

1,1,2-Trichloroethane

Concen: 14.550 ug/l

RT: 8.64 min Scan# 823

Delta R.T. 0.01 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Tgt Ion: 97 Resp: 192

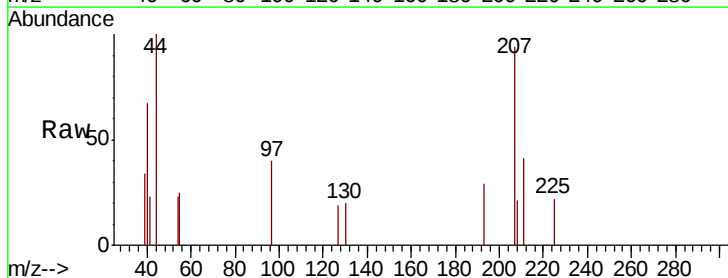
Ion Ratio Lower Upper

97 100

83 0.0 68.5 102.7#

85 0.0 45.4 68.2#

99 0.0 52.7 79.1#

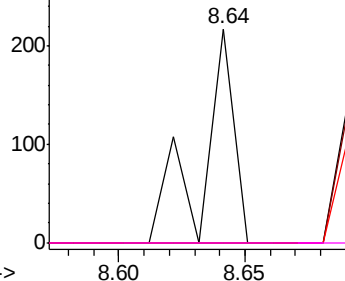


Abundance Ion 96.90 (96.60 to 97.60): VF0

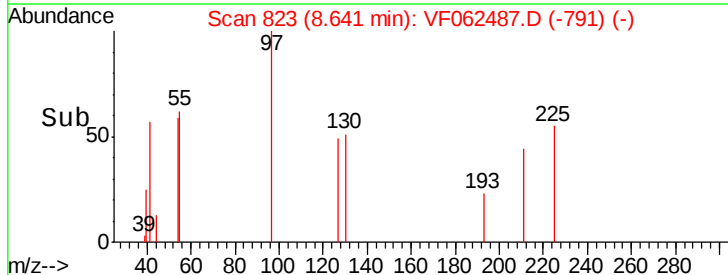
Ion 82.90 (82.60 to 83.60): VF0

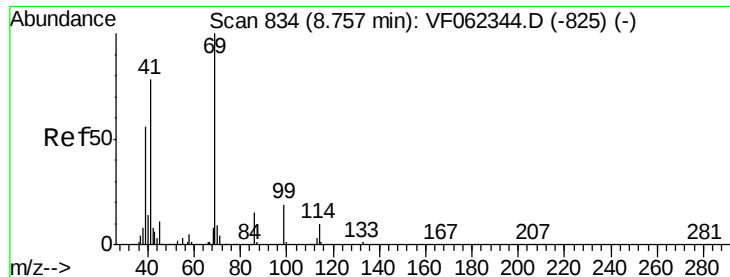
Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



Time-->





#56

Ethyl methacrylate

Concen: 6.102 ug/l

RT: 8.82 min Scan# 841

Delta R.T. 0.06 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

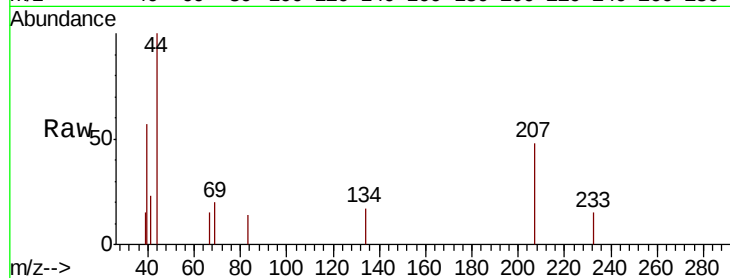
Tgt Ion: 69 Resp: 85

Ion Ratio Lower Upper

69 100

41 336.5 66.3 99.5#

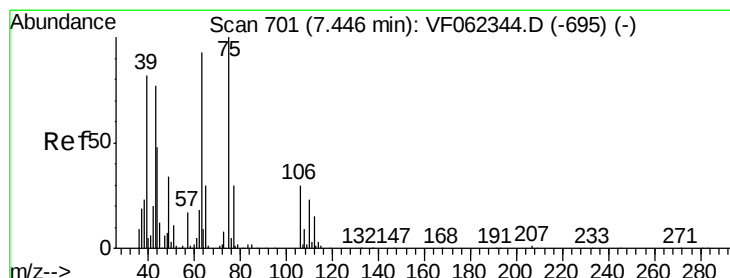
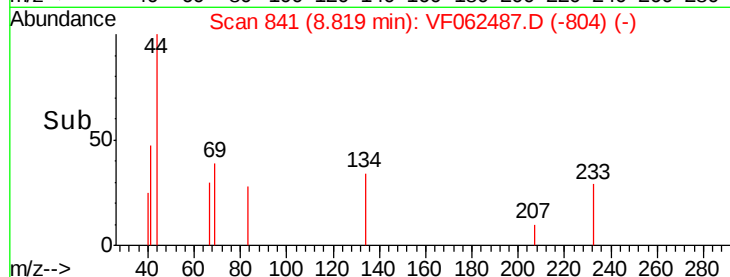
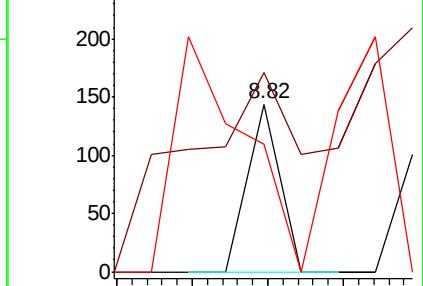
39 304.7 50.1 75.1#



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



#58

2-Chloroethyl Vinyl ether

Concen: 21.730 ug/l

RT: 7.43 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF062487.D

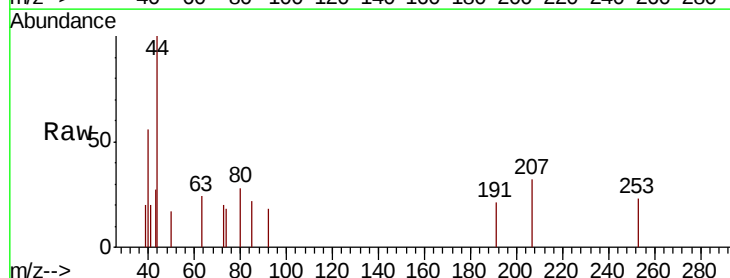
Acq: 12 May 2019 5:15

Tgt Ion: 63 Resp: 91

Ion Ratio Lower Upper

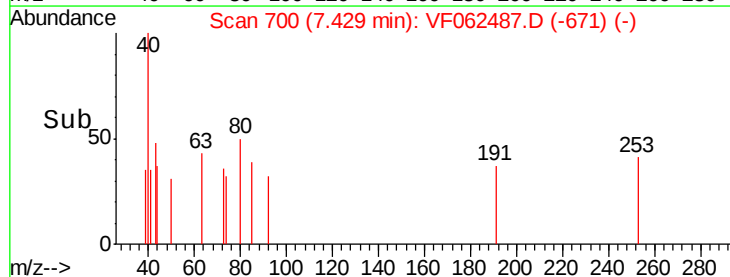
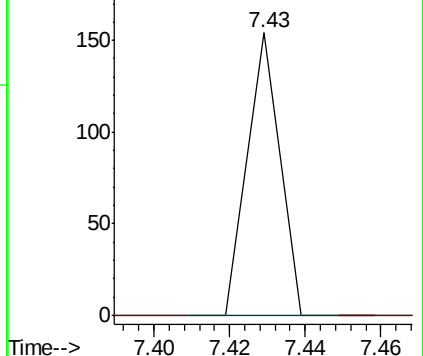
63 100

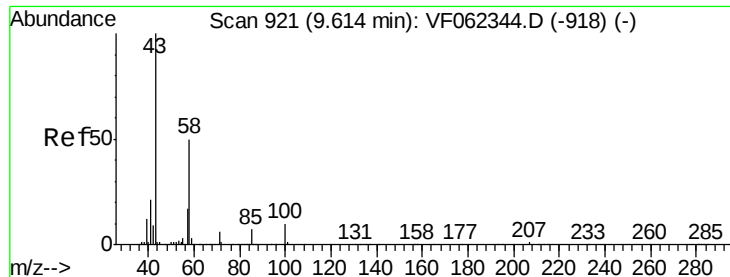
106 0.0 25.8 38.8#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 105.90 (105.60 to 106.60): V

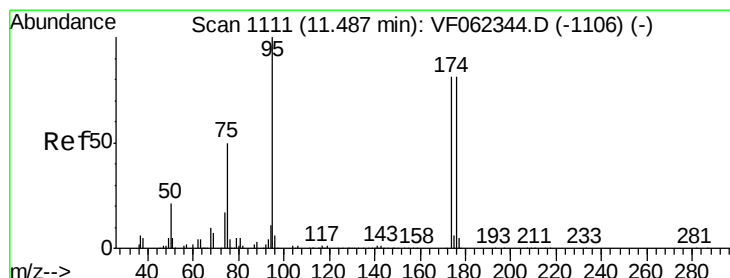
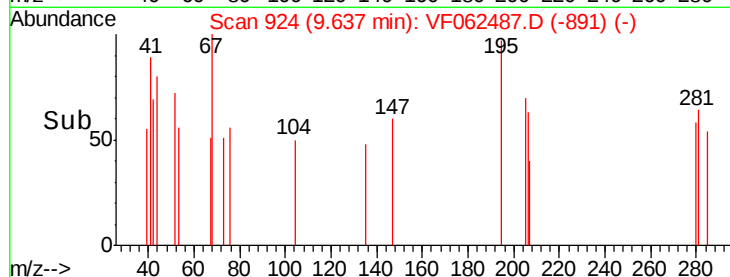
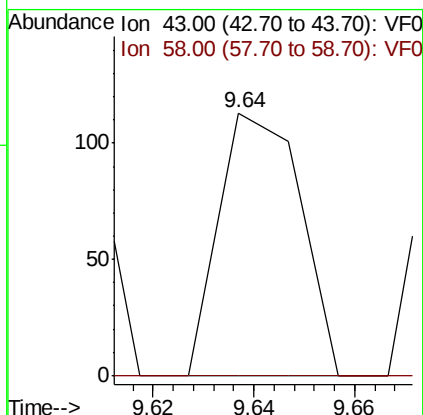
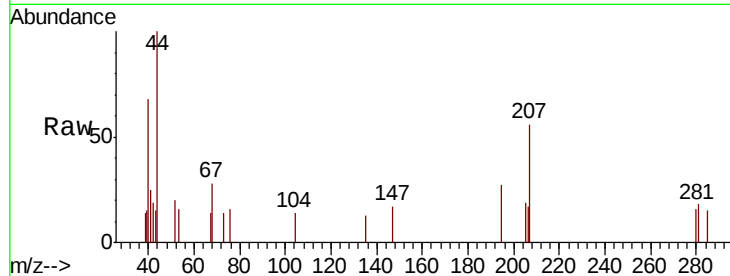




#59
2-Hexanone
Concen: 17.412 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.02 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

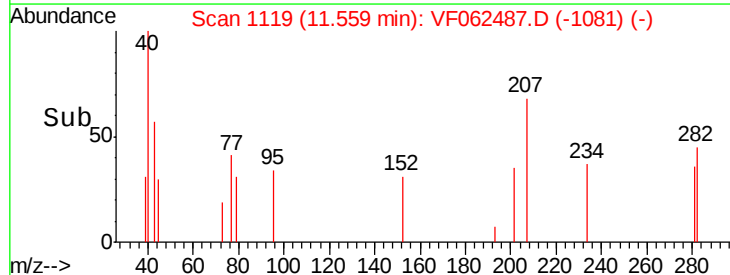
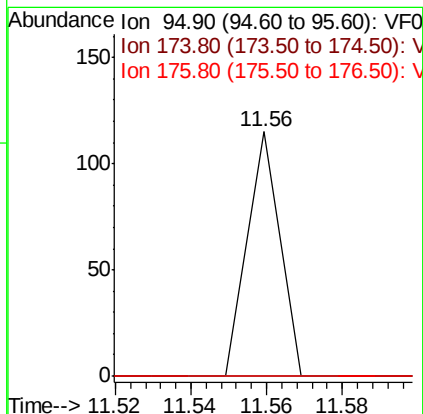
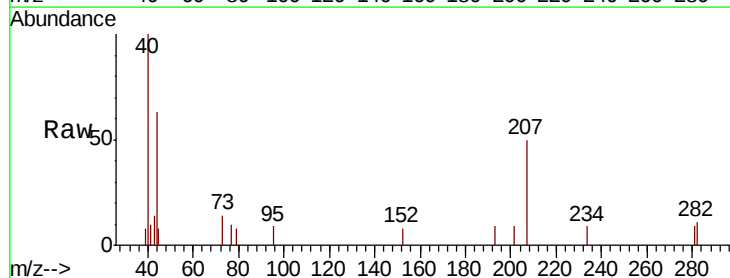
Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

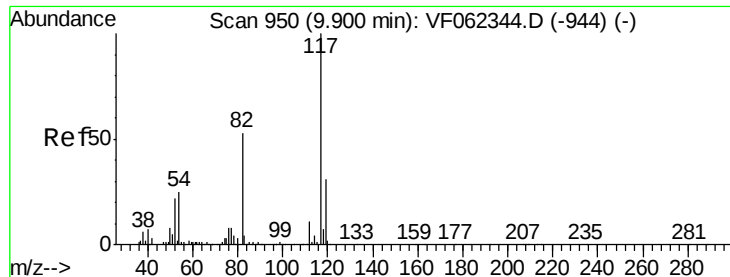
Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
58 0.0 24.3 73.0#



#62
4-Bromofluorobenzene
Concen: 2.194 ug/l
RT: 11.56 min Scan# 1119
Delta R.T. 0.07 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

Tgt Ion: 95 Resp: 68
Ion Ratio Lower Upper
95 100
174 0.0 0.0 191.8
176 0.0 0.0 193.2

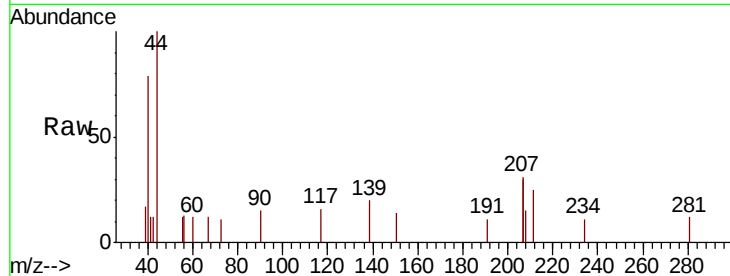




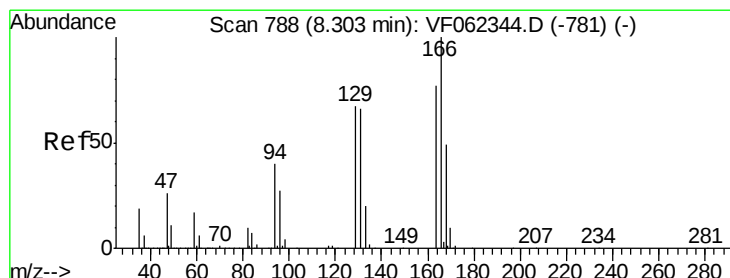
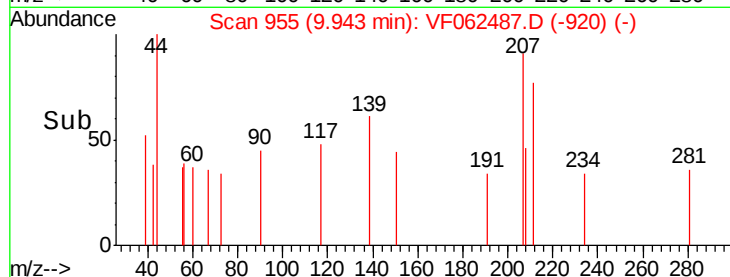
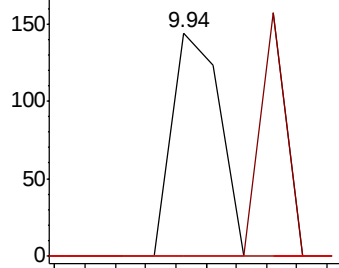
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.94 min Scan# 955
Delta R.T. 0.04 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

Tgt Ion:117 Resp: 158
Ion Ratio Lower Upper
117 100
82 0.0 42.2 63.2#
119 0.0 25.0 37.4#

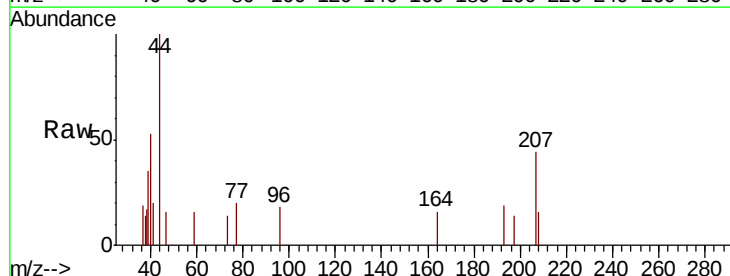


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

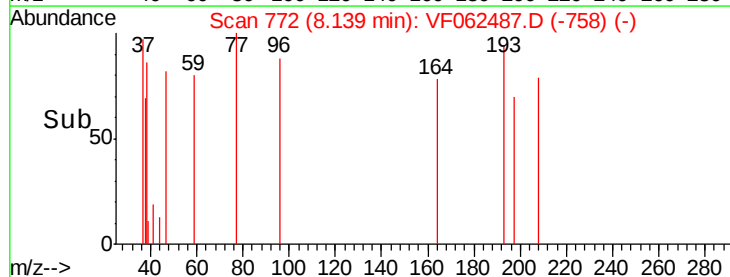
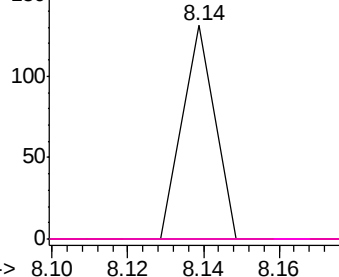


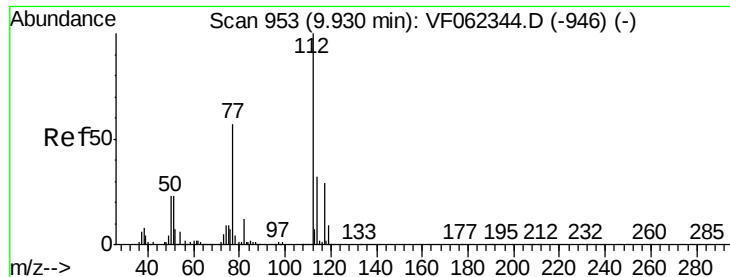
#64
Tetrachloroethene
Concen: 60.030 ug/l
RT: 8.14 min Scan# 772
Delta R.T. -0.16 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

Tgt Ion:164 Resp: 77
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

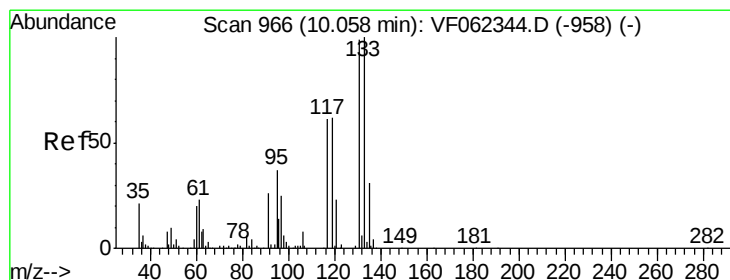
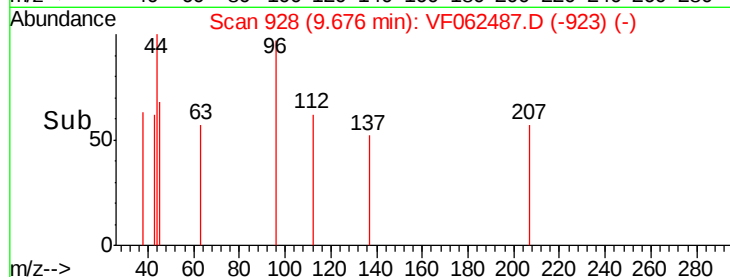
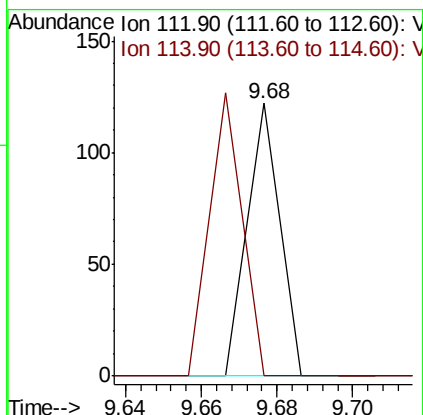
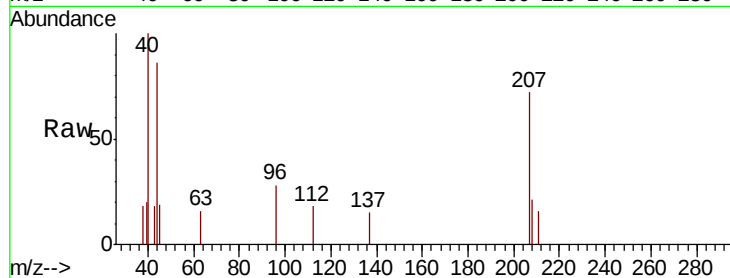




#65
Chlorobenzene
Concen: 27.542 ug/l
RT: 9.68 min Scan# 928
Delta R.T. -0.25 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

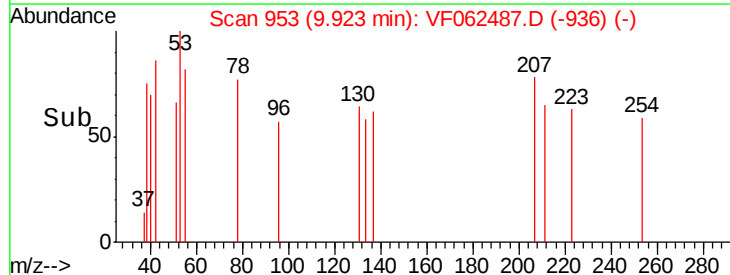
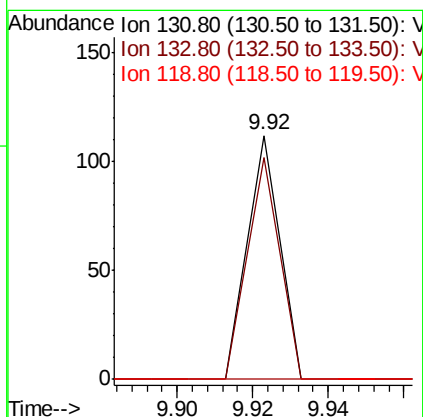
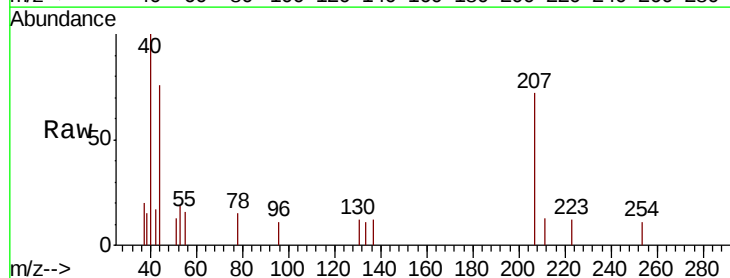
Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

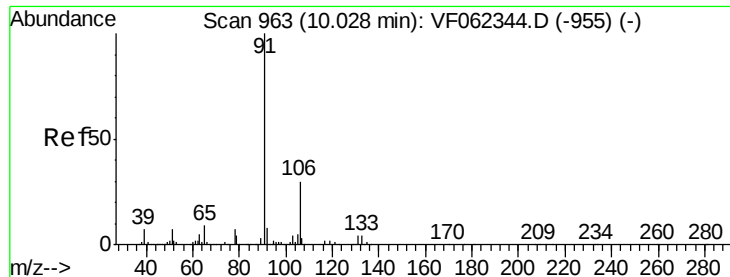
Tgt Ion:112 Resp: 72
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 50.046 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.14 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

Tgt Ion:131 Resp: 66
Ion Ratio Lower Upper
131 100
133 90.9 50.2 150.7
119 0.0 31.6 95.0#

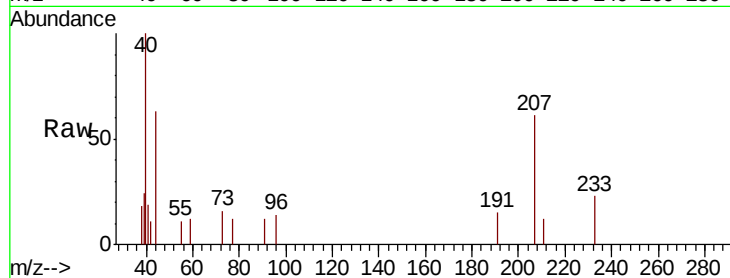




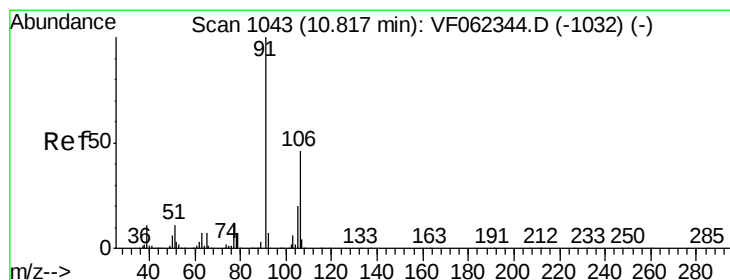
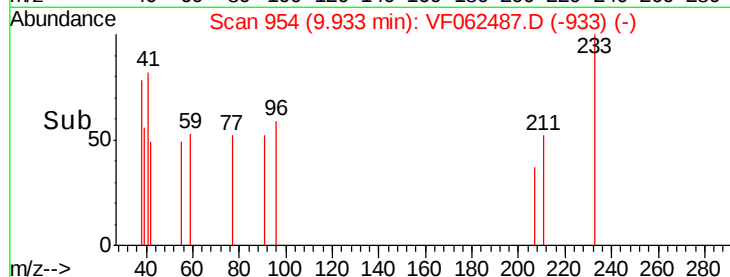
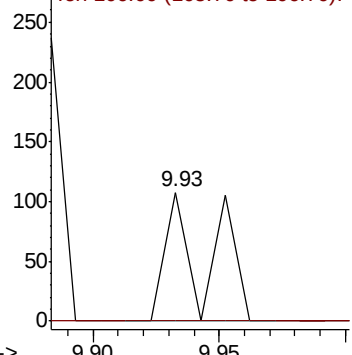
#67
Ethyl Benzene
Concen: 27.525 ug/l
RT: 9.93 min Scan# 954
Delta R.T. -0.10 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

Tgt Ion: 91 Resp: 126
Ion Ratio Lower Upper
91 100
106 0.0 24.1 36.1#

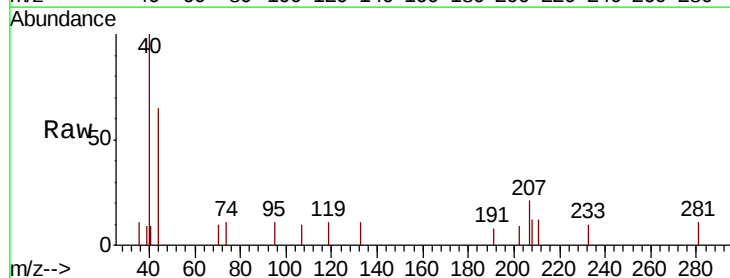


Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 106.00 (105.70 to 106.70): V

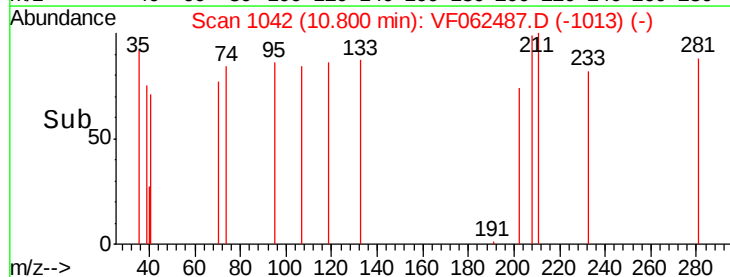
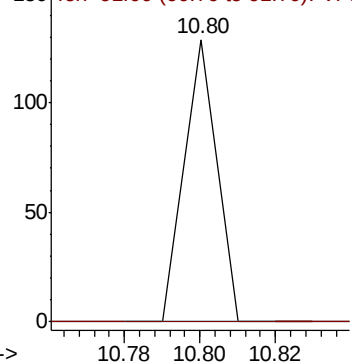


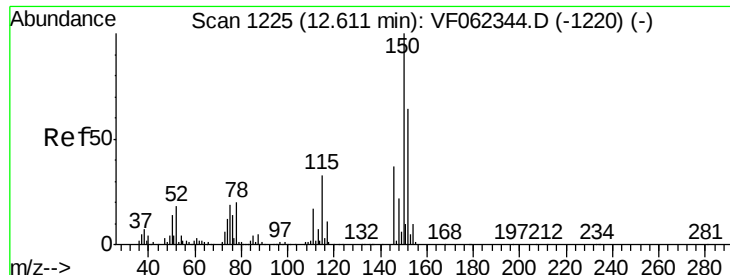
#69
o-Xylene
Concen: 41.642 ug/l
RT: 10.80 min Scan# 1042
Delta R.T. -0.02 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

Tgt Ion: 106 Resp: 76
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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.77 min Scan# 1242

Delta R.T. 0.16 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

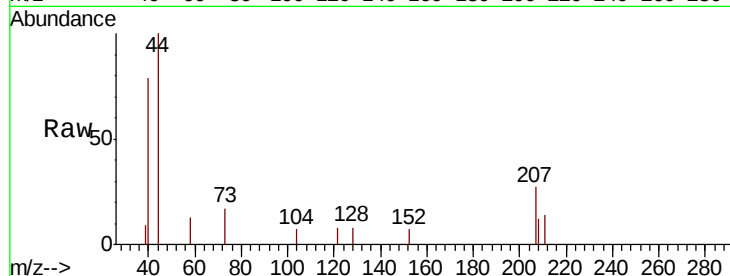
Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

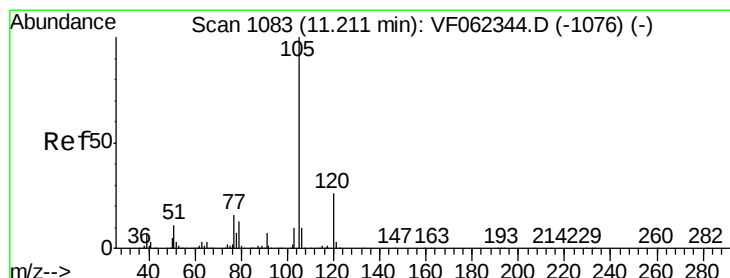
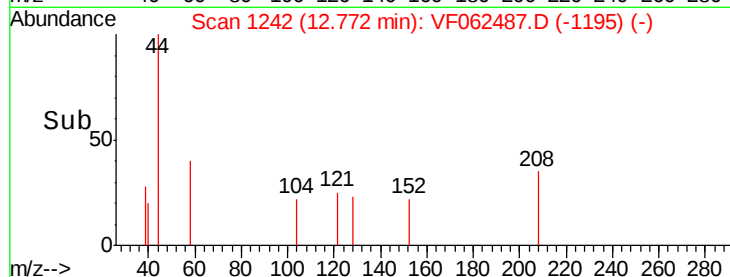
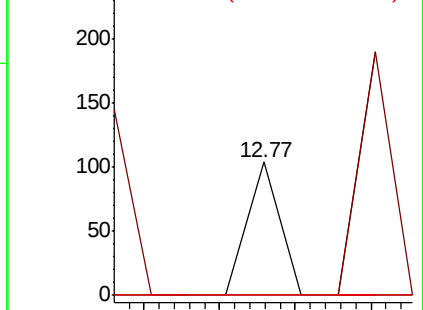
Tgt Ion	Ratio	Lower	Upper
152	100		
115	0.0	26.4	79.2#
150	0.0	0.0	335.0



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



#73

Isopropylbenzene

Concen: 18.500 ug/l

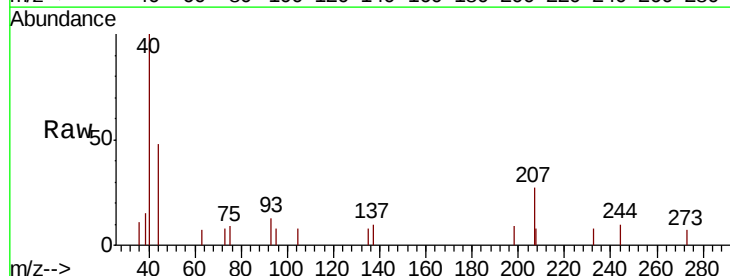
RT: 11.31 min Scan# 1094

Delta R.T. 0.10 min

Lab File: VF062487.D

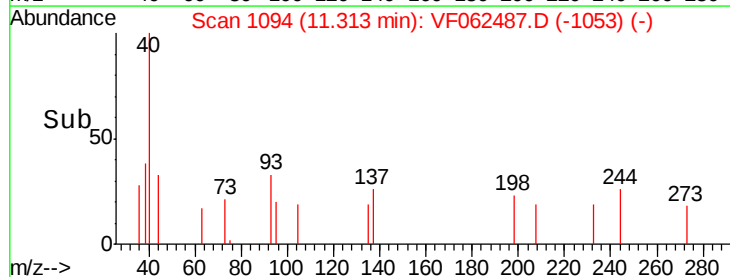
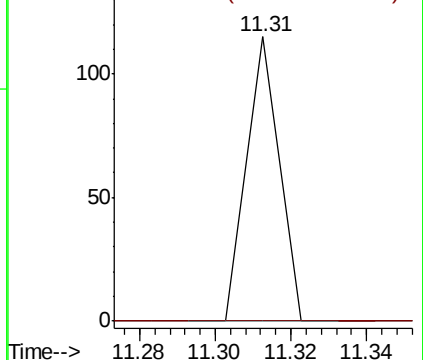
Acq: 12 May 2019 5:15

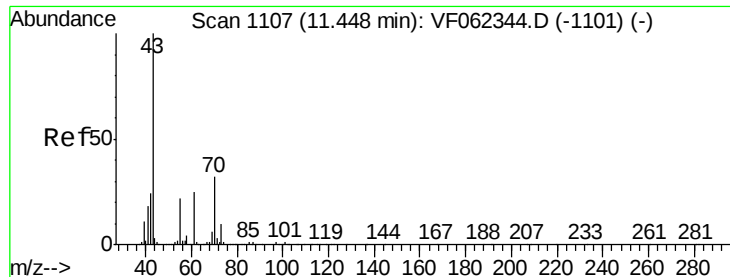
Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.7	38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 368.774 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

Tgt Ion: 43 Resp: 291

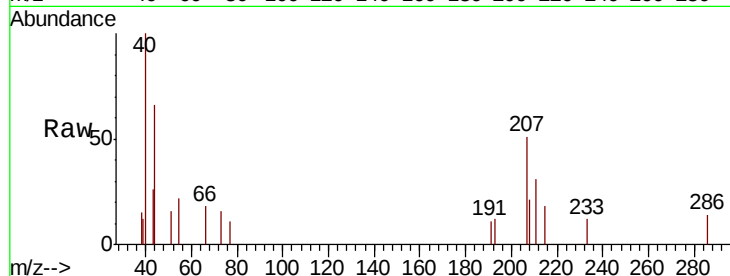
Ion Ratio Lower Upper

43 100

70 0.0 26.5 39.7#

55 22.7 17.8 26.6

61 0.0 20.2 30.2#

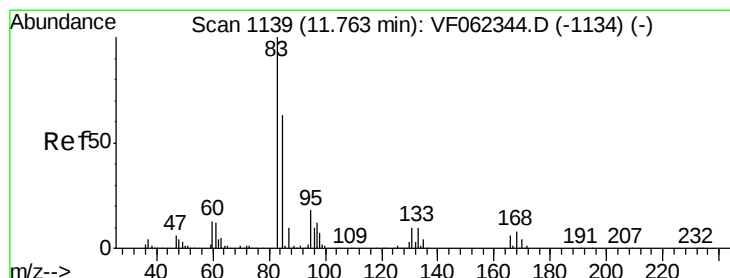
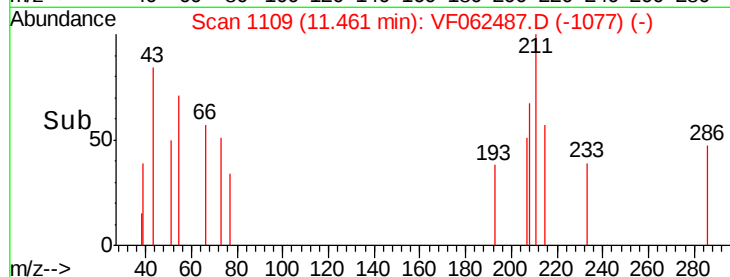
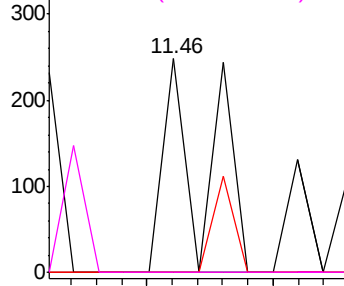


Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 132.057 ug/l

RT: 11.84 min Scan# 1147

Delta R.T. 0.07 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

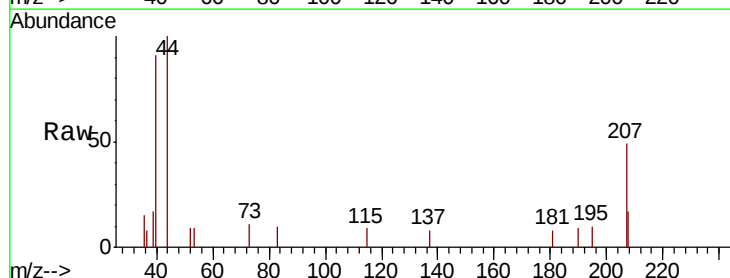
Tgt Ion: 83 Resp: 76

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

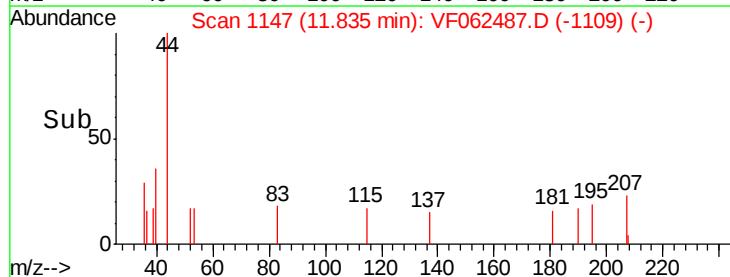
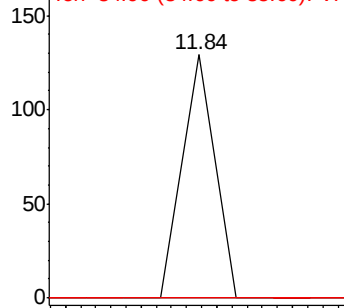
85 0.0 35.3 105.7#

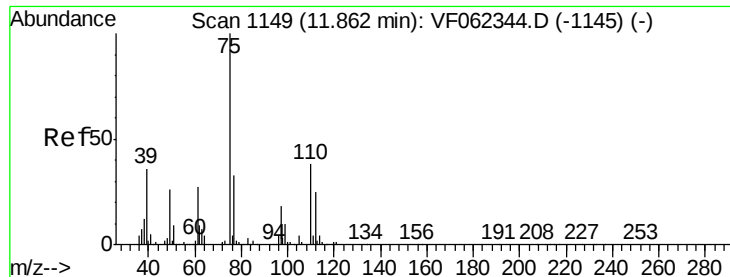


Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0





#76

1,2,3-Trichloropropane

Concen: 227.751 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. -0.06 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

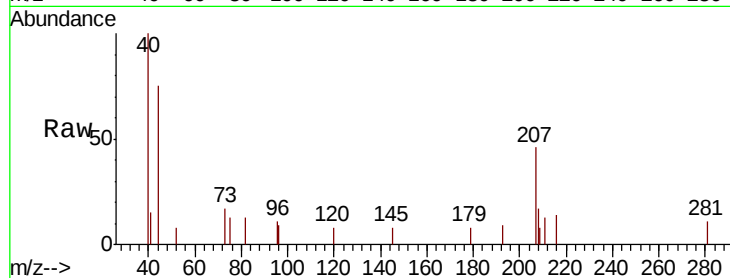
P021-SS005-1218-01

Tgt Ion: 75 Resp: 100

Ion Ratio Lower Upper

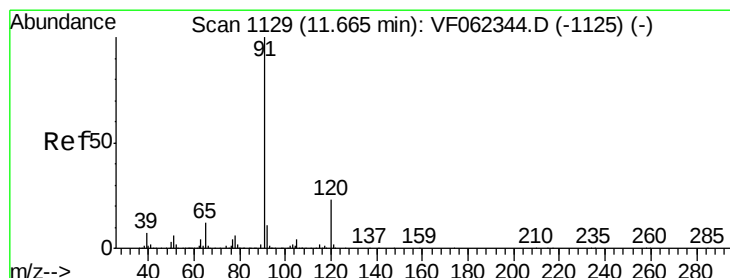
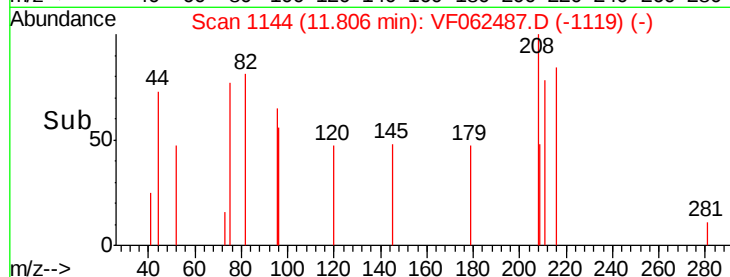
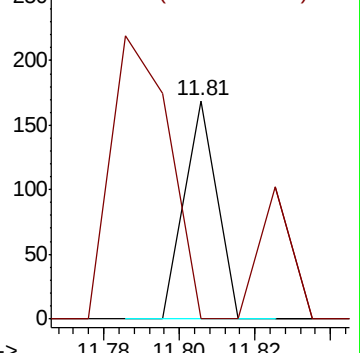
75 100

77 60.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0



#78

n-propylbenzene

Concen: 20.188 ug/l

RT: 11.66 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VF062487.D

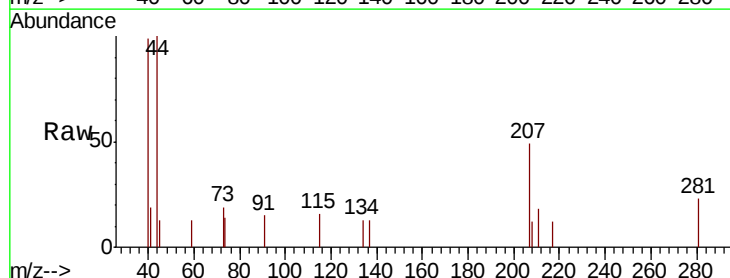
Acq: 12 May 2019 5:15

Tgt Ion: 91 Resp: 79

Ion Ratio Lower Upper

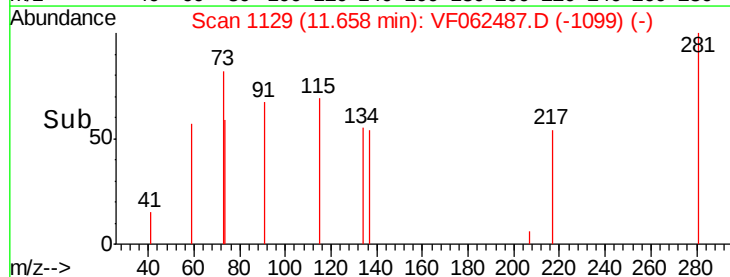
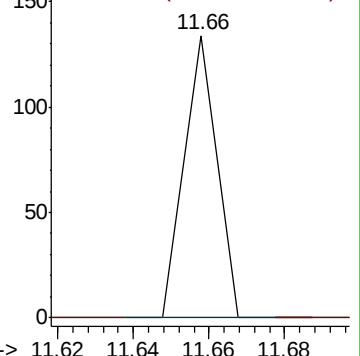
91 100

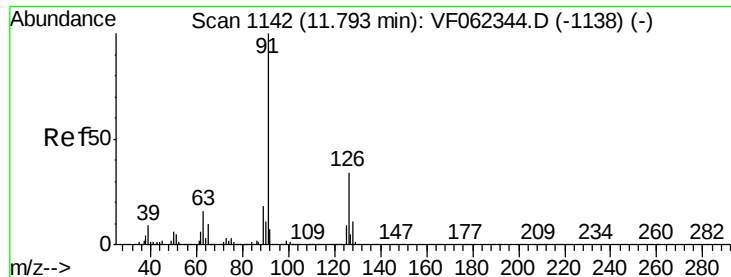
120 0.0 11.9 35.5#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

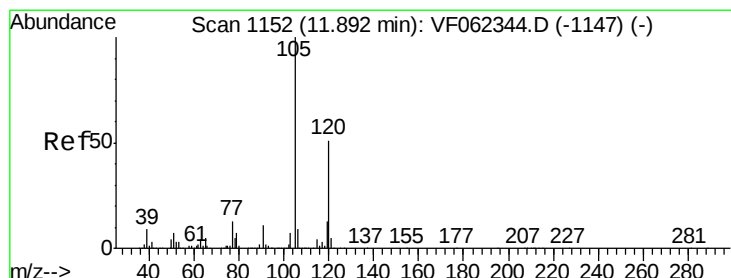
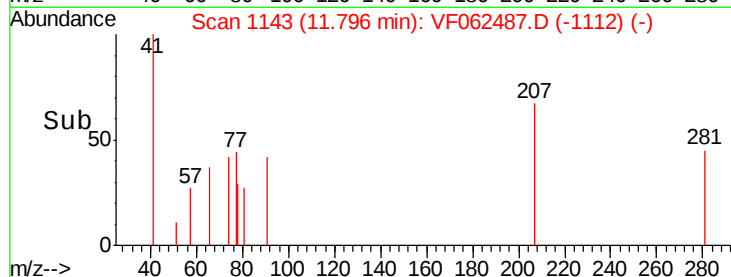
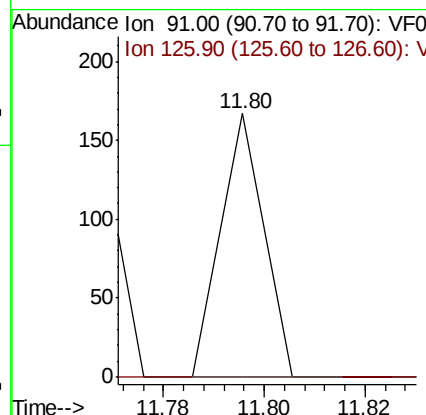
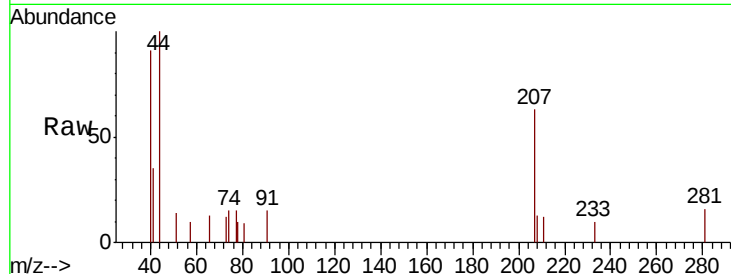




#79
 2-Chlorotoluene
 Concen: 40.685 ug/l
 RT: 11.80 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VF062487.D
 Acq: 12 May 2019 5:15

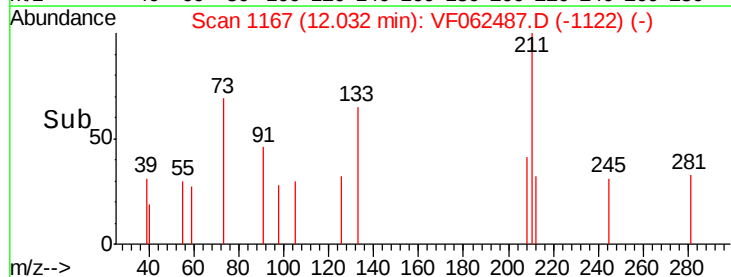
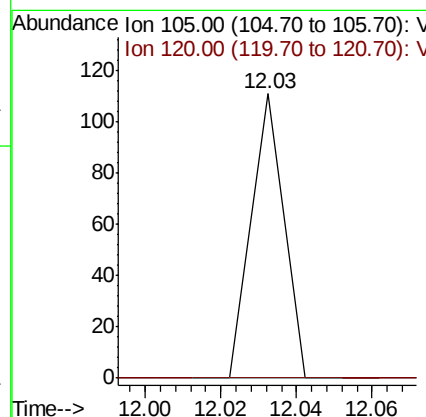
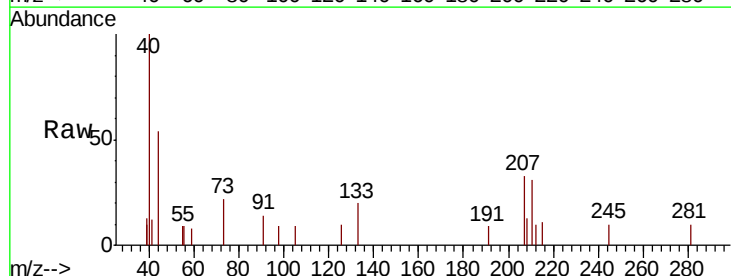
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-1218-01

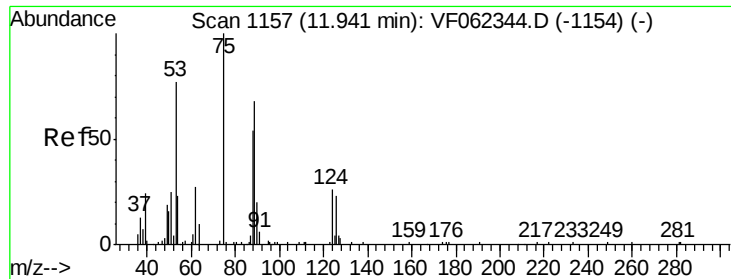
Tgt Ion: 91 Resp: 99
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.8 53.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 20.486 ug/l
 RT: 12.03 min Scan# 1167
 Delta R.T. 0.14 min
 Lab File: VF062487.D
 Acq: 12 May 2019 5:15

Tgt Ion: 105 Resp: 66
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.6 74.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 515.017 ug/l

RT: 11.99 min Scan# 1163

Delta R.T. 0.05 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

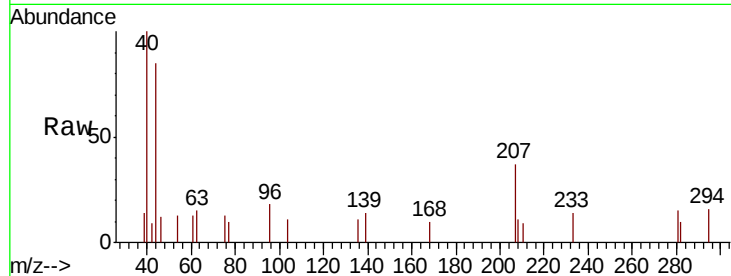
Tgt Ion: 75 Resp: 85

Ion Ratio Lower Upper

75 100

53 88.2 71.9 107.9

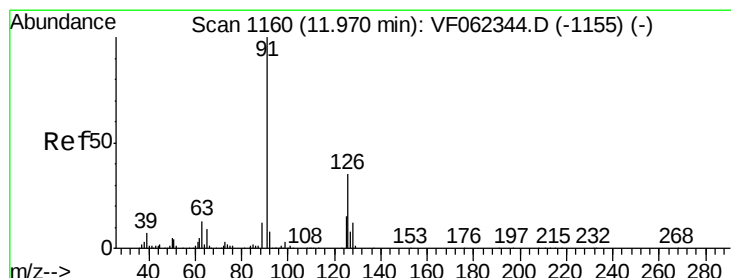
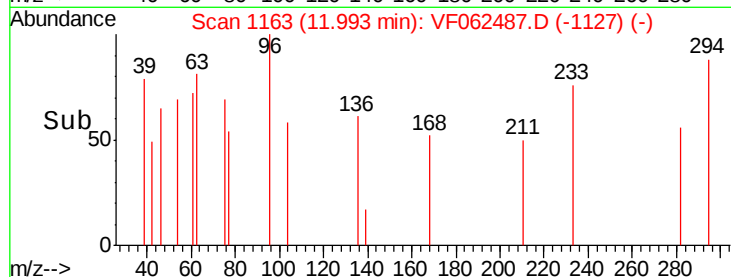
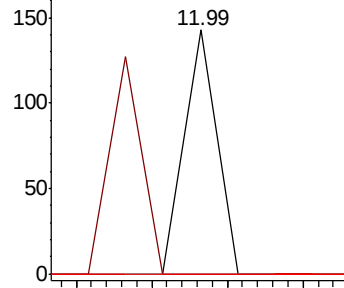
89 0.0 0.0 0.0



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: 24.965 ug/l

RT: 11.98 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VF062487.D

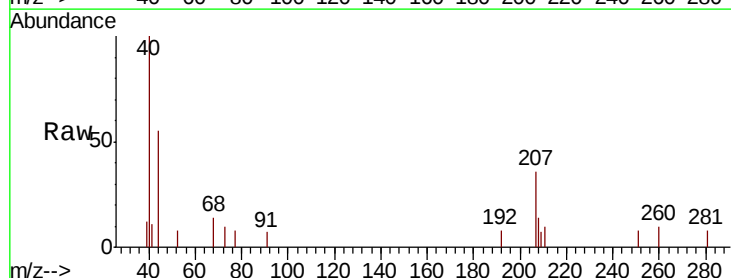
Acq: 12 May 2019 5:15

Tgt Ion: 91 Resp: 60

Ion Ratio Lower Upper

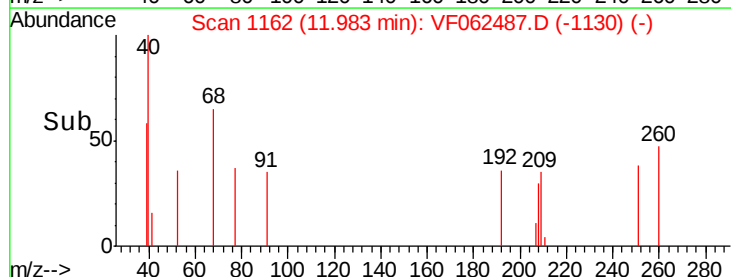
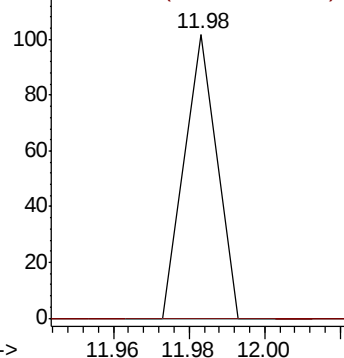
91 100

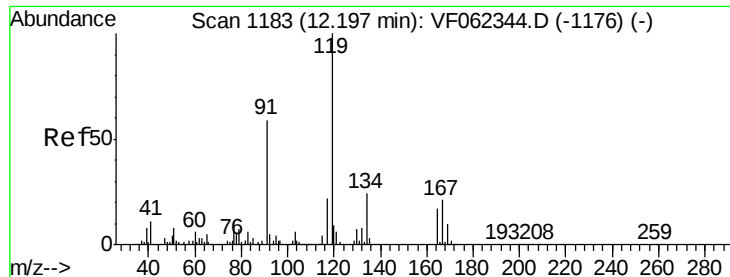
126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.312 ug/l

RT: 12.16 min Scan# 1180

Delta R.T. -0.04 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

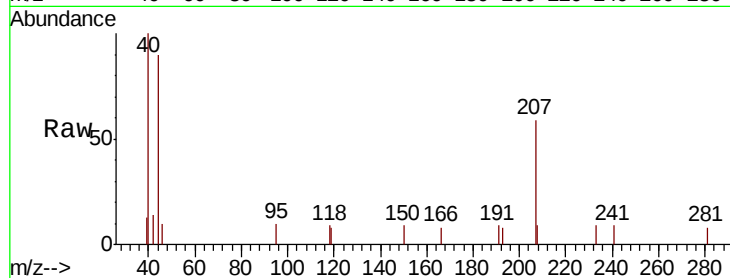
Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1218-01

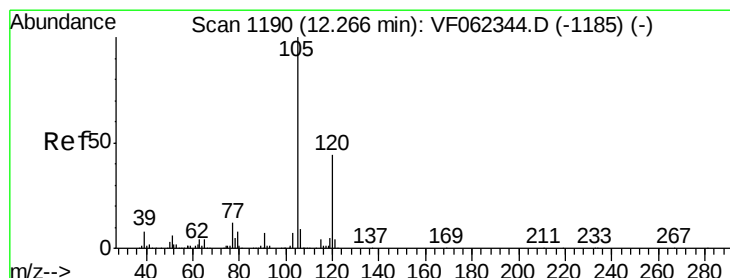
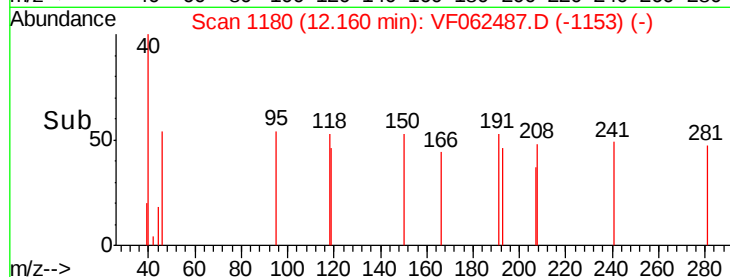
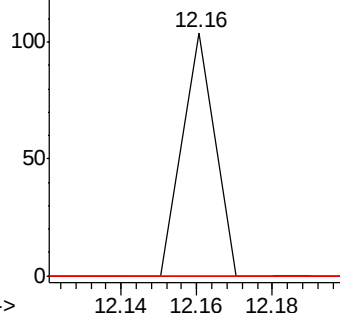
Tgt Ion:	119	Resp:	62
Ion Ratio	Lower	Upper	
119	100		
91	0.0	30.4	91.3#
134	0.0	11.9	35.7#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.934 ug/l

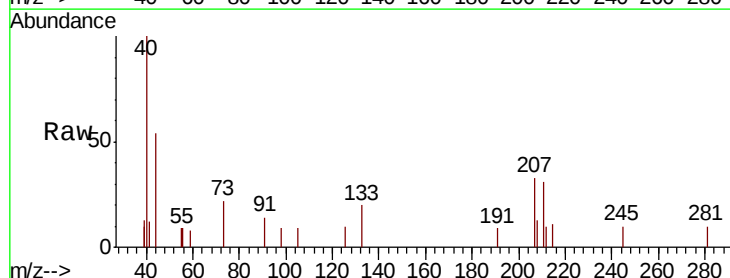
RT: 12.03 min Scan# 1167

Delta R.T. -0.23 min

Lab File: VF062487.D

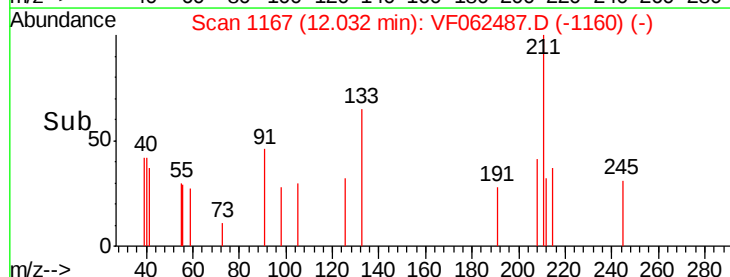
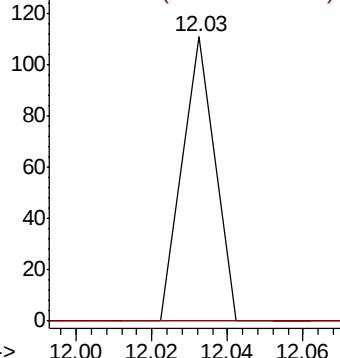
Acq: 12 May 2019 5:15

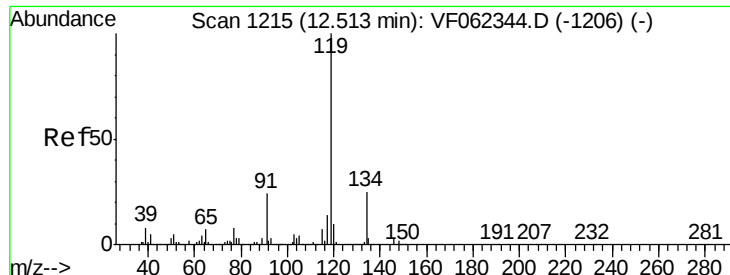
Tgt Ion:	105	Resp:	66
Ion Ratio	Lower	Upper	
105	100		
120	0.0	22.6	67.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

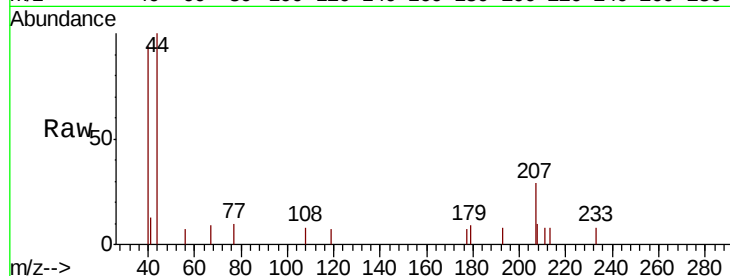




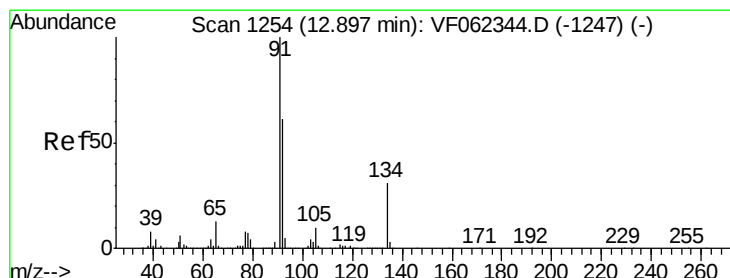
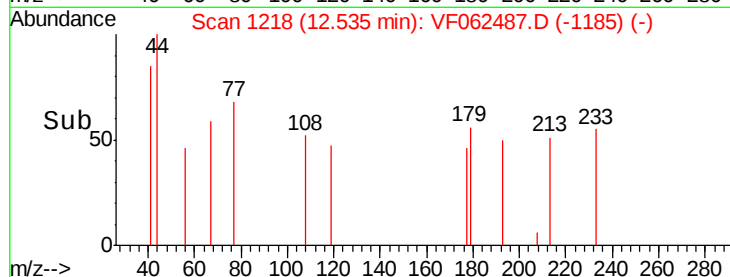
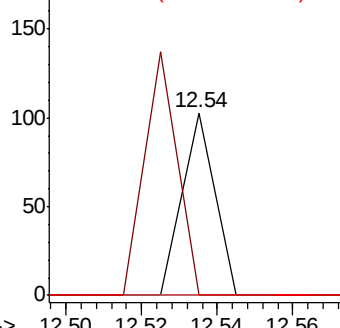
#86
p-Isopropyltoluene
Concen: 15.932 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. 0.02 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	132.8	12.9	38.7#
91	0.0	12.3	36.8#

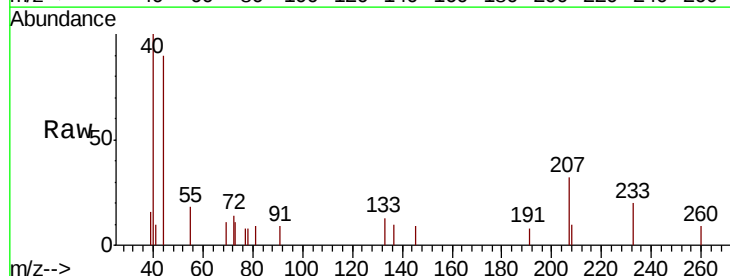


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

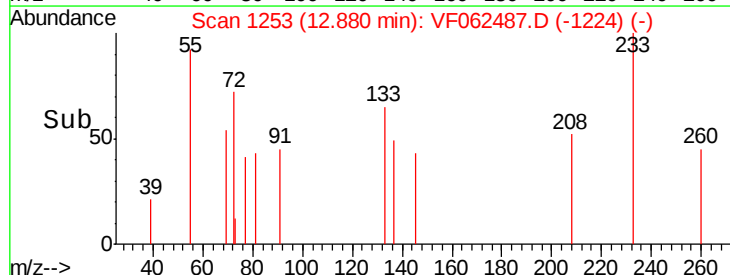
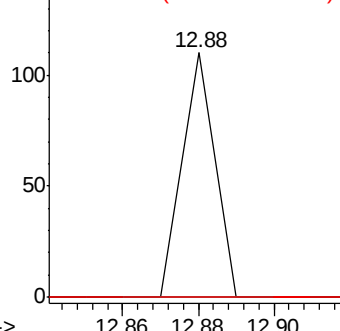


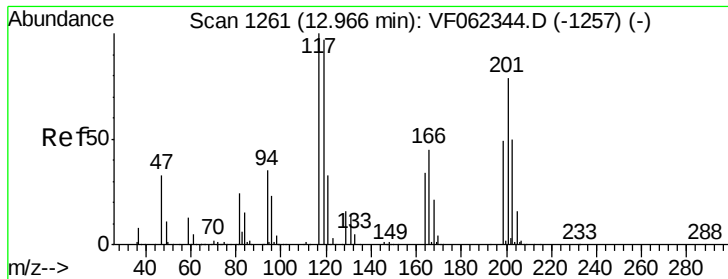
#89
n-Butylbenzene
Concen: 19.081 ug/l
RT: 12.88 min Scan# 1253
Delta R.T. -0.02 min
Lab File: VF062487.D
Acq: 12 May 2019 5:15

Tgt 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





#90

Hexachloroethane

Concen: 146.440 ug/l

RT: 13.01 min Scan# 1266

Delta R.T. 0.04 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

Instrument :

MSVOA_F

ClientSampleId :

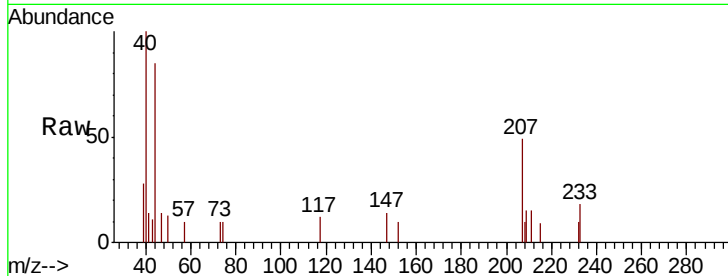
P021-SS005-1218-01

Tgt Ion: 117 Resp: 140

Ion Ratio Lower Upper

117 100

201 0.0 46.2 138.5#

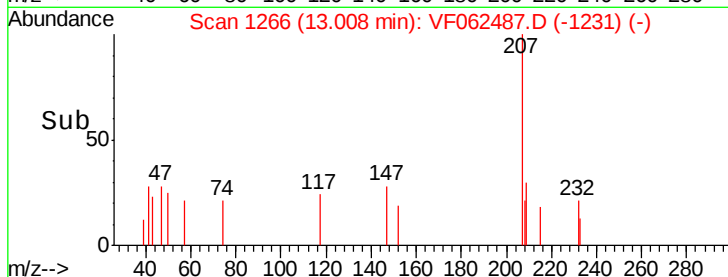


Abundance Ion 116.80 (116.50 to 117.50): V

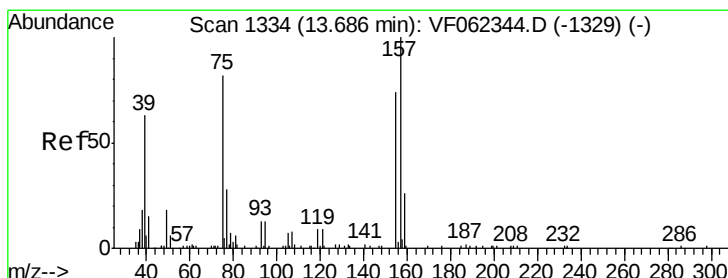
Ion 200.70 (200.40 to 201.40): V

13.01

13.05



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 581.704 ug/l

RT: 13.55 min Scan# 1321

Delta R.T. -0.14 min

Lab File: VF062487.D

Acq: 12 May 2019 5:15

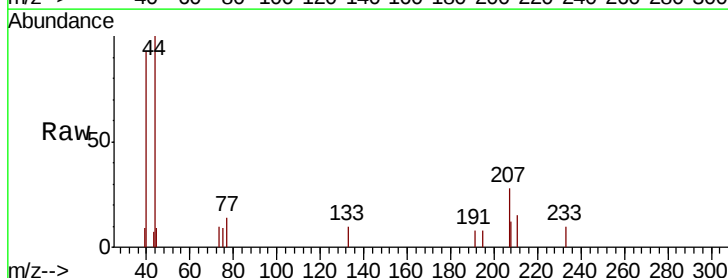
Tgt Ion: 75 Resp: 75

Ion Ratio Lower Upper

75 100

155 0.0 51.8 155.4#

157 0.0 67.3 201.8#



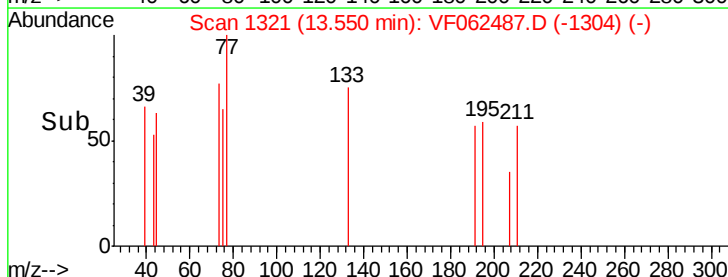
Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

13.55

13.58



Time-->