

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062505.D
 Acq On : 12 May 2019 16:12
 Operator : FY/SY
 Sample : K2734-07
 Misc : 4.87g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS012-0206-01

Quant Time: May 13 04:46:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	67433	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	105443	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	56406	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	16115	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	73770	115.76	ug/l	0.03
Spiked Amount	50.000		Recovery	=	231.52%	
35) Dibromofluoromethane	4.33	113	75913	90.37	ug/l	0.02
Spiked Amount	50.000		Recovery	=	180.74%	
50) Toluene-d8	7.73	98	58109	28.58	ug/l	0.02
Spiked Amount	50.000		Recovery	=	57.16%	
62) 4-Bromofluorobenzene	11.51	95	15986	17.42	ug/l	0.02
Spiked Amount	50.000		Recovery	=	34.84%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.17	50	703	1.366	ug/l #	78
5) Bromomethane	1.40	94	214	Below Cal	#	14
8) Diethyl Ether	1.72	74	605	3.754	ug/l	99
11) Tert butyl alcohol	2.71	59	641	17.797	ug/l #	1
14) Allyl chloride	2.21	41	1005	2.201	ug/l #	51
15) Acrylonitrile	3.07	53	643	9.425	ug/l #	39
16) Acetone	2.36	43	4306	33.402	ug/l #	67
18) Methyl Acetate	2.48	43	1875	5.167	ug/l #	88
19) Methyl tert-butyl Ether	2.57	73	1068	1.001	ug/l #	54
20) Methylene Chloride	2.34	84	2733	5.860	ug/l #	67
21) trans-1,2-Dichloroethene	2.45	96	704	1.429	ug/l #	1
23) Vinyl Acetate	3.35	43	832	1.308	ug/l #	79
25) 2-Butanone	4.53	43	589	3.637	ug/l #	60
29) Tetrahydrofuran	4.34	42	886	11.903	ug/l #	42
37) Ethyl Acetate	4.32	43	670	Below Cal	#	73
38) Carbon Tetrachloride	4.22	117	67	Below Cal	#	14
39) Methylcyclohexane	5.80	83	2526	2.781	ug/l #	31
41) Methacrylonitrile	4.97	41	517	2.380	ug/l #	18
43) Isopropyl Acetate	7.12	43	562	1.364	ug/l #	48
48) Methyl methacrylate	6.91	41	483	1.659	ug/l #	30
49) 1,4-Dioxane	6.86	88	137	33.116	ug/l #	1
51) 4-Methyl-2-Pentanone	8.22	43	456	1.461	ug/l	96
59) 2-Hexanone	9.66	43	1247	5.776	ug/l	70
67) Ethyl Benzene	10.04	91	5780	3.537	ug/l #	85
70) Styrene	10.91	104	4677	4.790	ug/l #	84
73) Isopropylbenzene	11.23	105	1905	1.994	ug/l	86
74) N-amyl acetate	11.46	43	561	2.735	ug/l #	47
76) 1,2,3-Trichloropropane	11.90	75	143	1.253	ug/l #	100
78) n-propylbenzene	11.68	91	1296	1.274	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.95	75	306	7.133	ug/l #	5
84) 1,2,4-Trimethylbenzene	12.28	105	918	1.120	ug/l #	59
92) 1,2-Dibromo-3-Chloropropan	13.84	75	161	4.804	ug/l #	1
95) Naphthalene	14.50	128	980	1.640	ug/l #	83

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

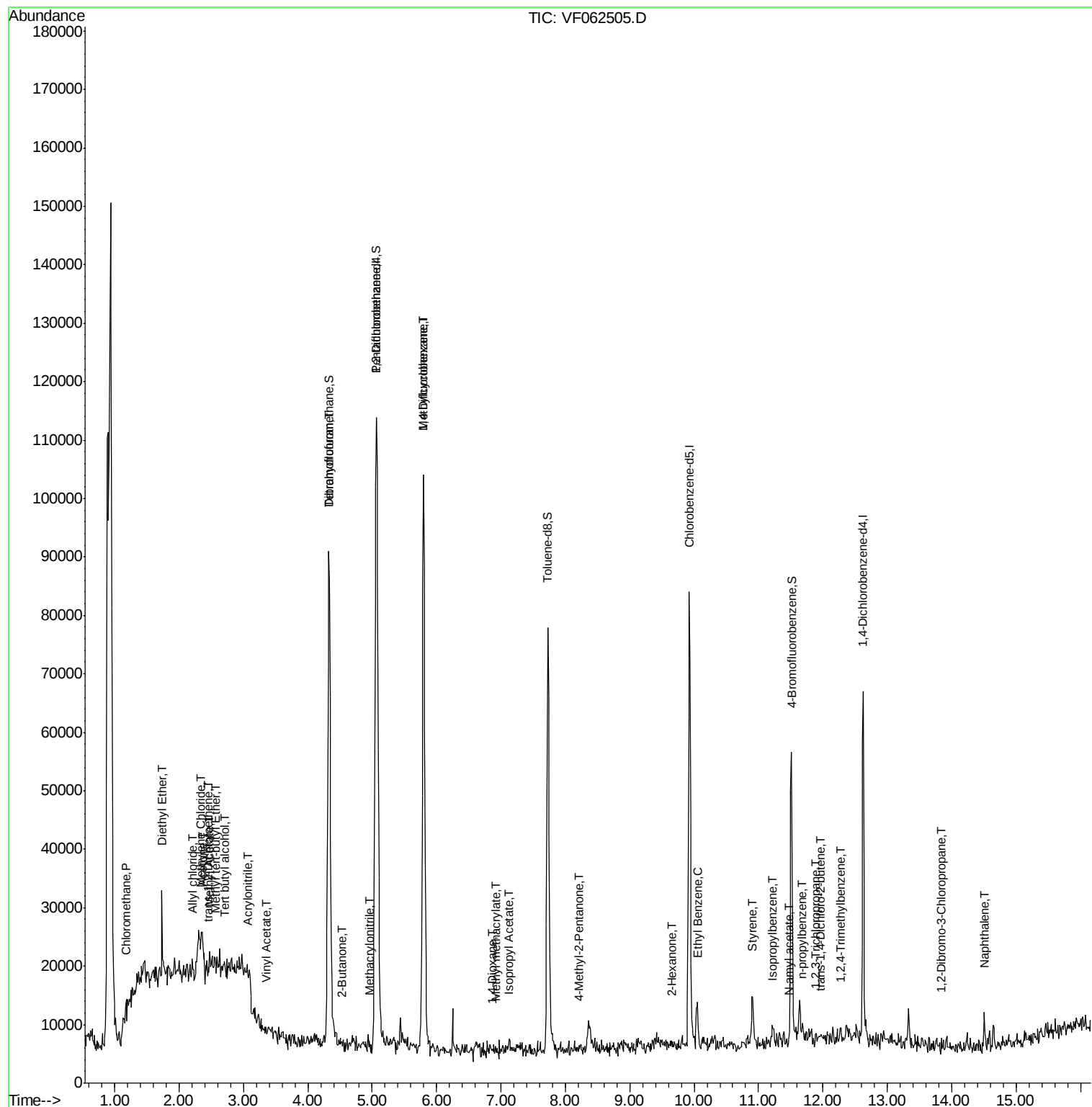
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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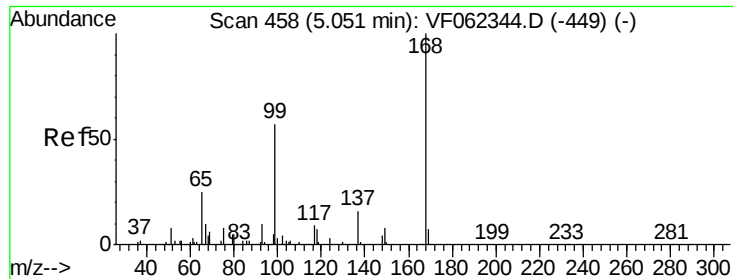
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

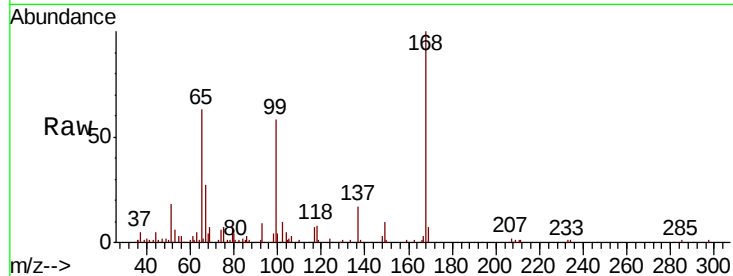
P026-SS012-0206-01

Tot Ion:168 Resp: 67433

Ion Ratio Lower Upper

168 100

99 58.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.07

25000

20000

15000

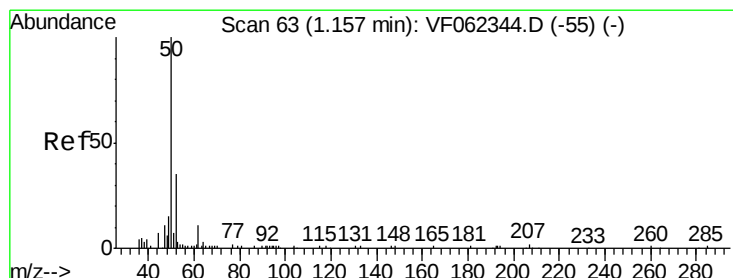
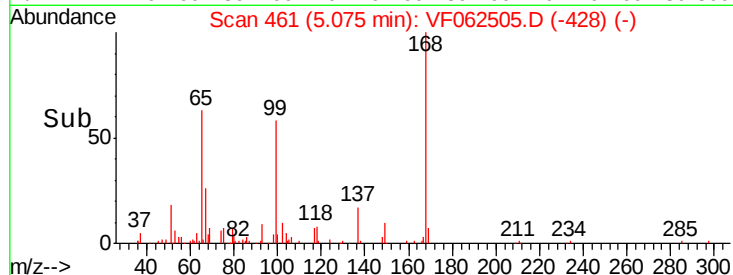
10000

5000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#3

Chloromethane

Concen: 1.366 ug/l

RT: 1.17 min Scan# 65

Delta R.T. 0.01 min

Lab File: VF062505.D

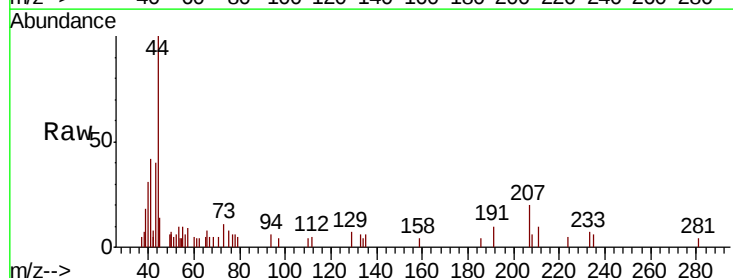
Acq: 12 May 2019 16:12

Tgt Ion: 50 Resp: 703

Ion Ratio Lower Upper

50 100

52 45.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0

1.17

300

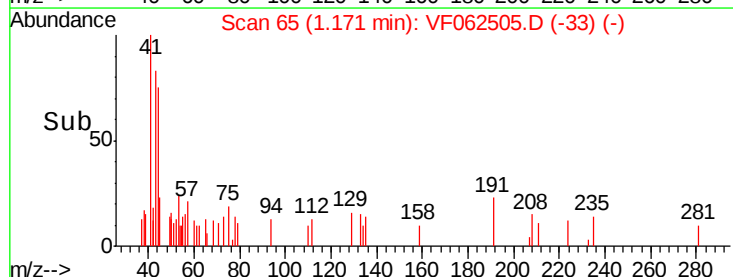
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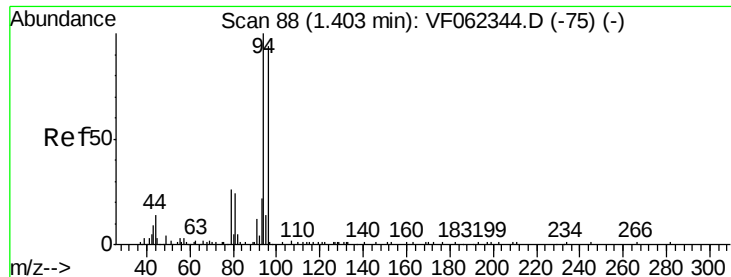
100

0

Time-->

1.10 1.15 1.20





#5

Bromomethane

Concen: Below Cal

RT: 1.40 min Scan# 88

Delta R.T. -0.01 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

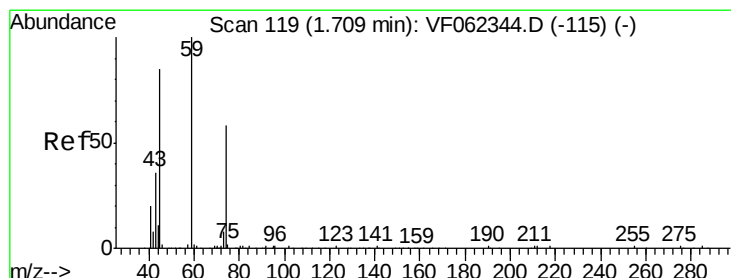
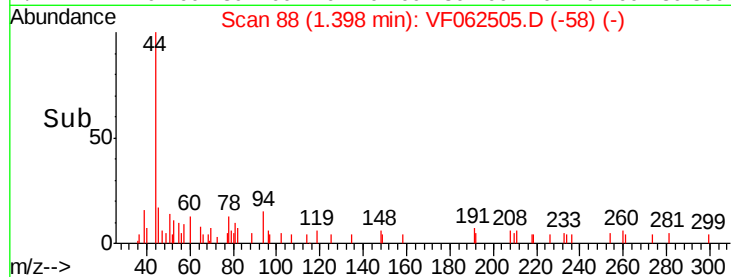
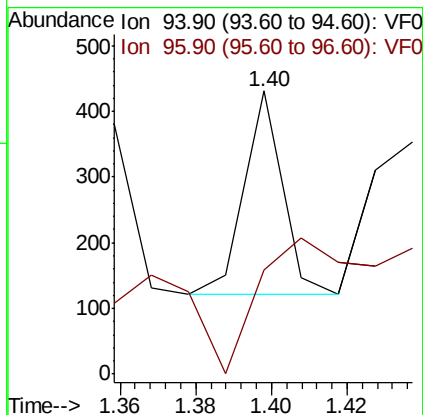
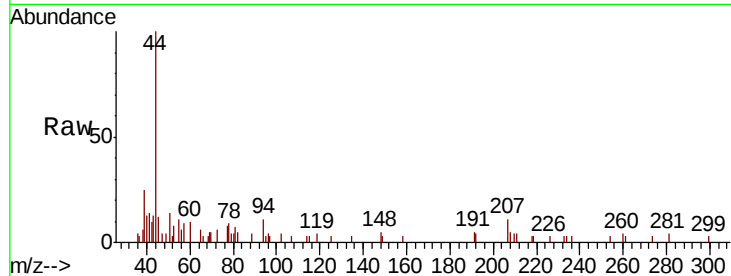
P026-SS012-0206-01

Tot Ion: 94 Resp: 214

Ion Ratio Lower Upper

94 100

96 10.7 75.4 113.2#



#8

Diethyl Ether

Concen: 3.754 ug/l

RT: 1.72 min Scan# 121

Delta R.T. 0.01 min

Lab File: VF062505.D

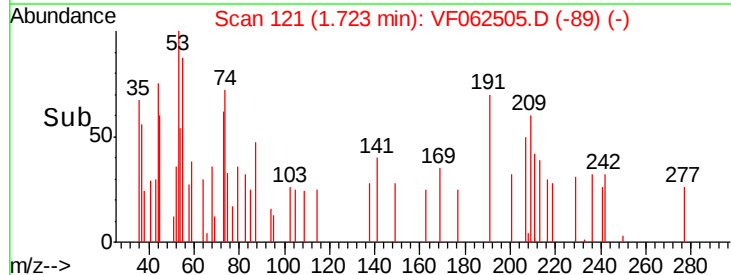
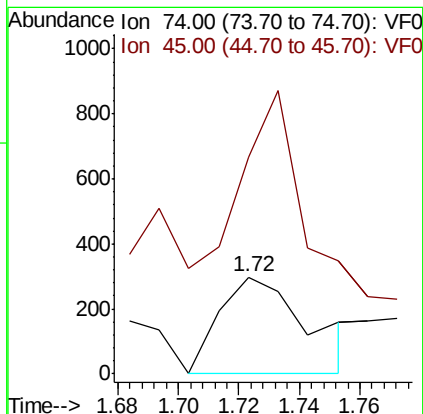
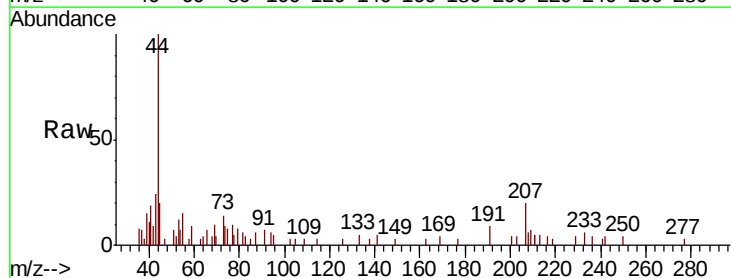
Acq: 12 May 2019 16:12

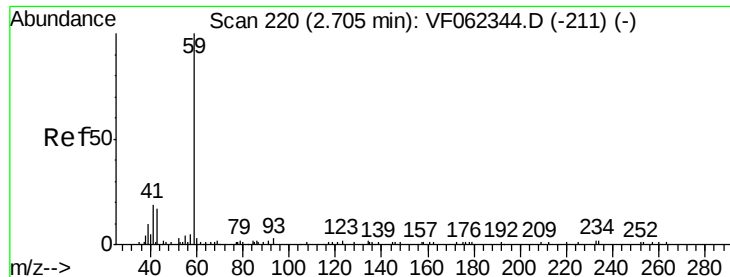
Tgt Ion: 74 Resp: 605

Ion Ratio Lower Upper

74 100

45 149.4 73.9 221.6



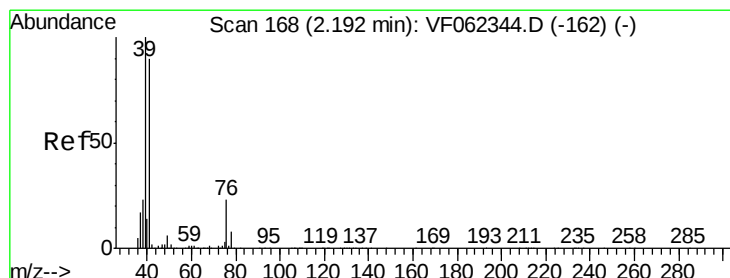
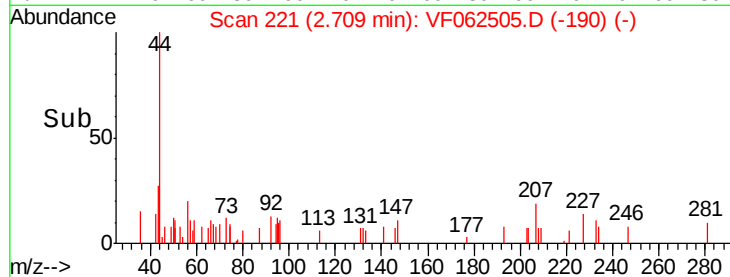
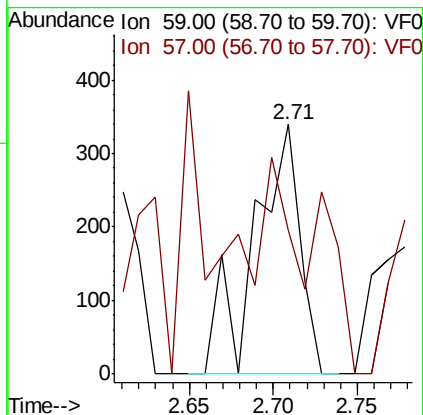
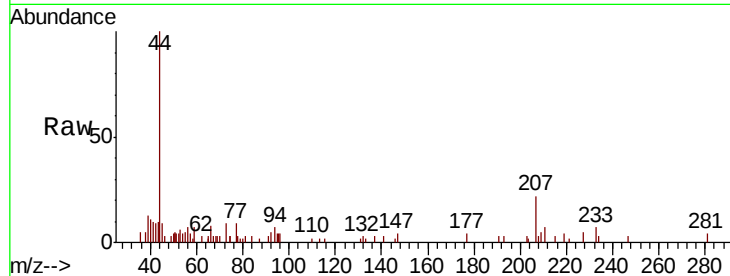


#11

Tert butyl alcohol
 Concen: 17.797 ug/l
 RT: 2.71 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VF062505.D
 Acq: 12 May 2019 16:12

Instrument :
 MSVOA_F
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 P026-SS012-0206-01

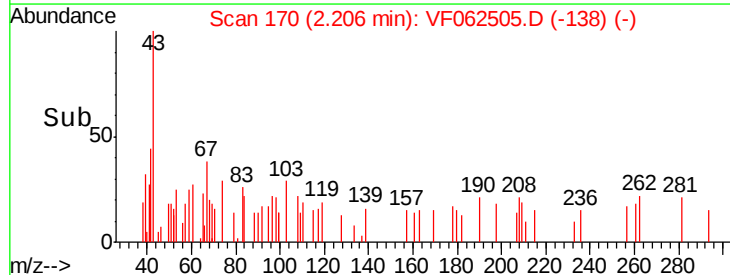
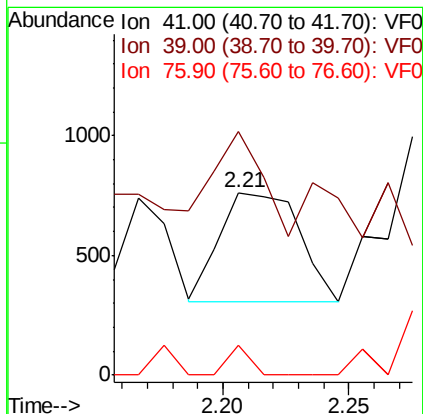
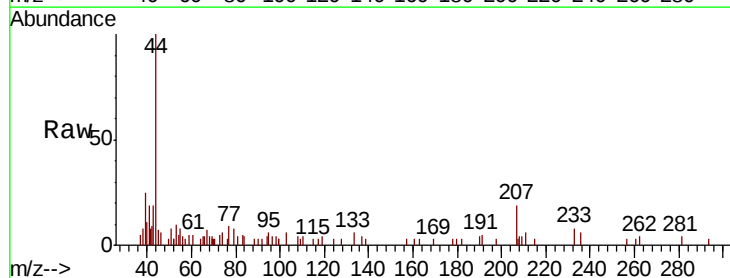
Tot Ion: 59 Resp: 641
 Ion Ratio Lower Upper
 59 100
 57 84.4 9.3 13.9#

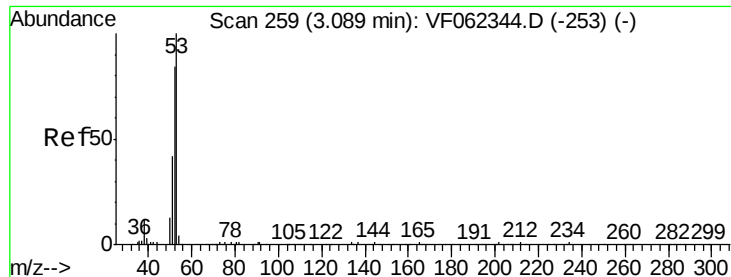


#14

Allyl chloride
 Concen: 2.201 ug/l
 RT: 2.21 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VF062505.D
 Acq: 12 May 2019 16:12

Tgt Ion: 41 Resp: 1005
 Ion Ratio Lower Upper
 41 100
 39 58.1 90.8 136.2#
 76 7.4 22.2 33.4#





#15

Acrylonitrile

Concen: 9.425 ug/l

RT: 3.07 min Scan# 258

Delta R.T. -0.02 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0206-01

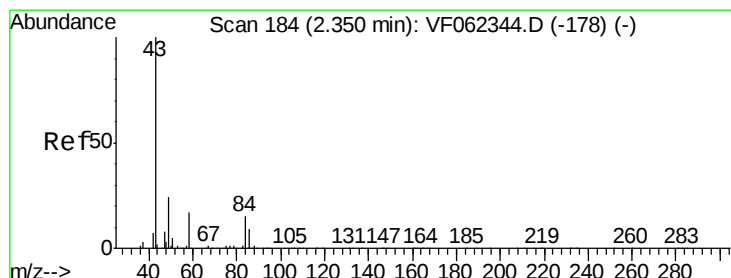
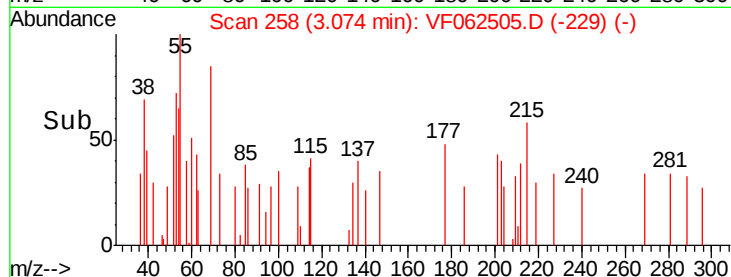
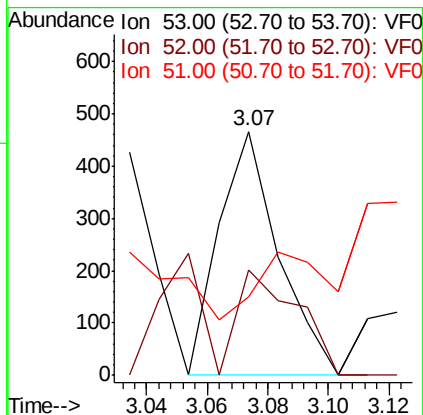
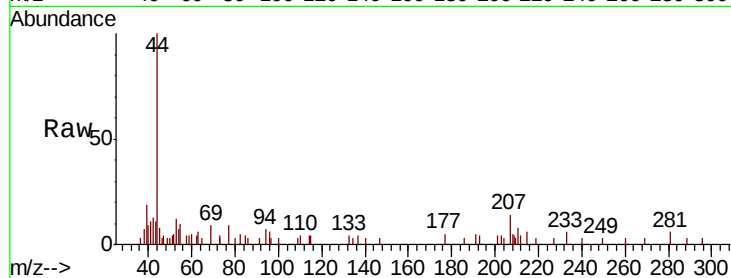
Tot Ion: 53 Resp: 643

Ion Ratio Lower Upper

53 100

52 43.5 77.2 115.8#

51 0.0 40.6 61.0#



#16

Acetone

Concen: 33.402 ug/l

RT: 2.36 min Scan# 186

Delta R.T. 0.01 min

Lab File: VF062505.D

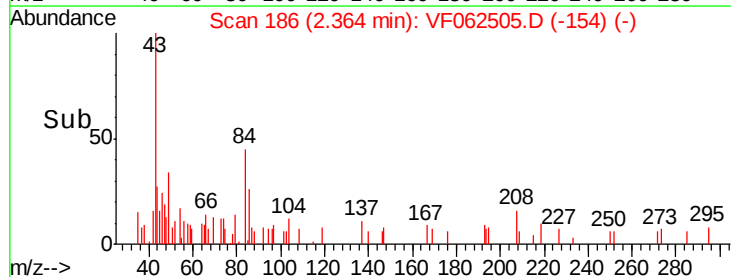
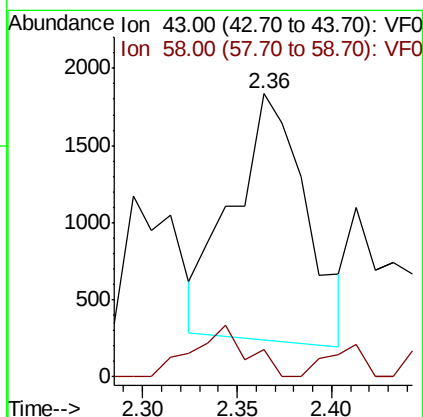
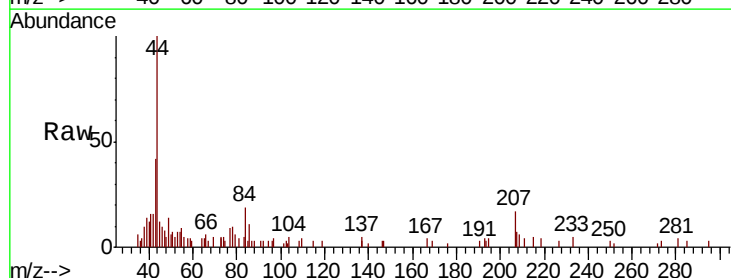
Acq: 12 May 2019 16:12

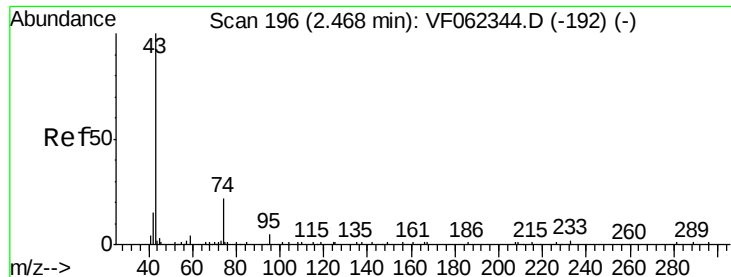
Tgt Ion: 43 Resp: 4306

Ion Ratio Lower Upper

43 100

58 2.5 13.1 19.7#

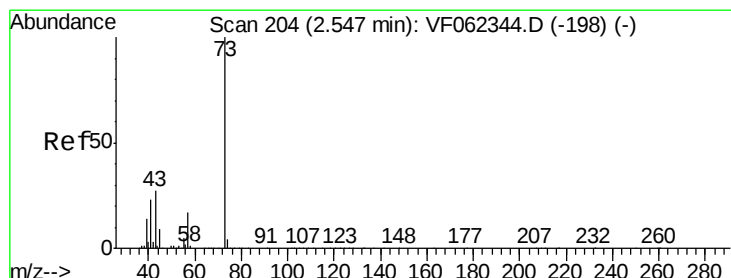
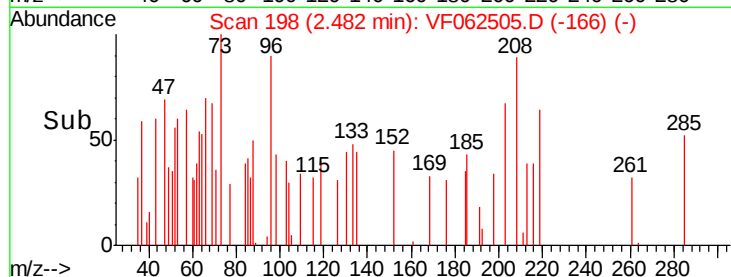
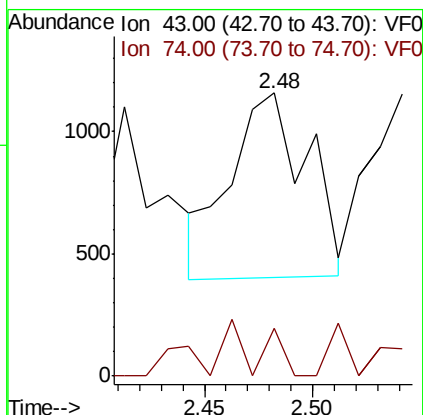
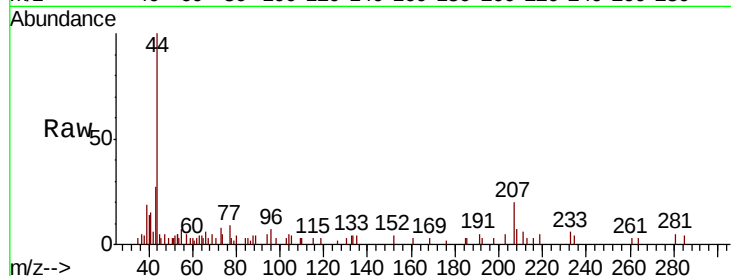




#18
Methyl Acetate
Concen: 5.167 ug/l
RT: 2.48 min Scan# 198
Delta R.T. 0.01 min
Lab File: VF062505.D
Acq: 12 May 2019 16:12

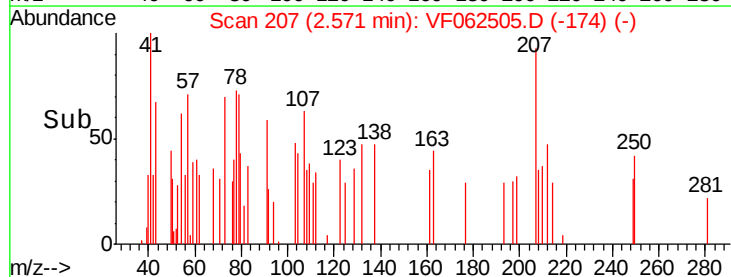
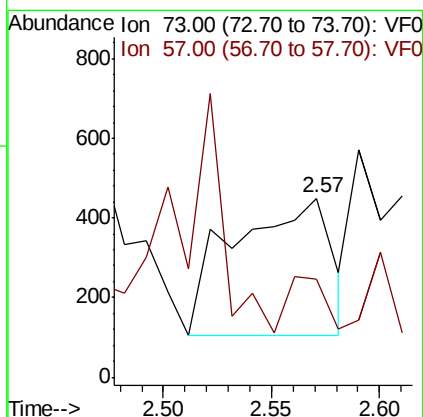
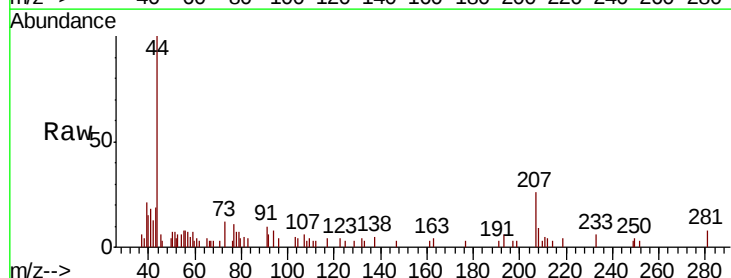
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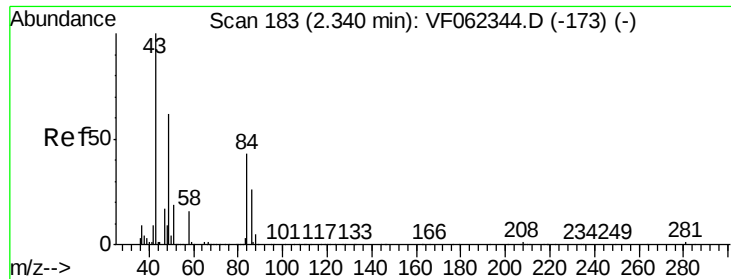
Tot Ion: 43 Resp: 1875
Ion Ratio Lower Upper
43 100
74 13.5 15.0 22.4#



#19
Methyl tert-butyl Ether
Concen: 1.001 ug/l
RT: 2.57 min Scan# 207
Delta R.T. 0.02 min
Lab File: VF062505.D
Acq: 12 May 2019 16:12

Tgt Ion: 73 Resp: 1068
Ion Ratio Lower Upper
73 100
57 36.9 13.7 20.5#

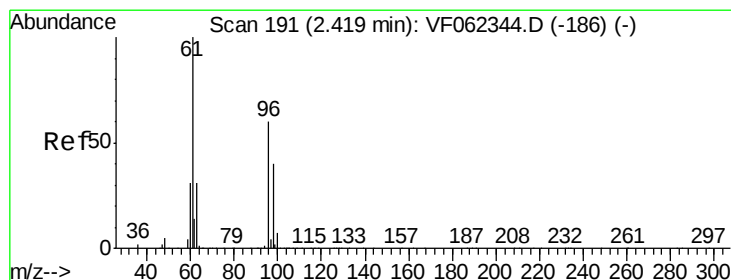
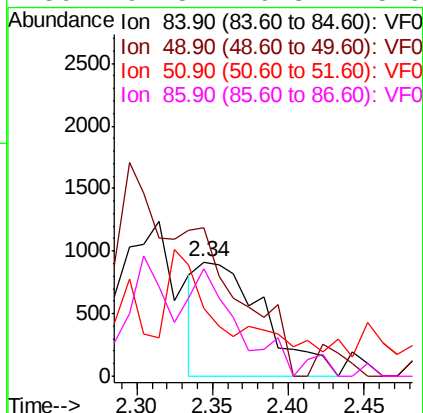
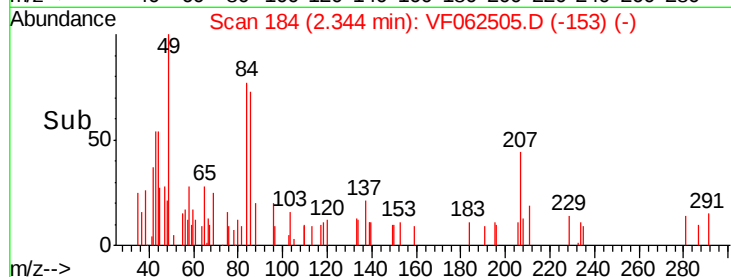
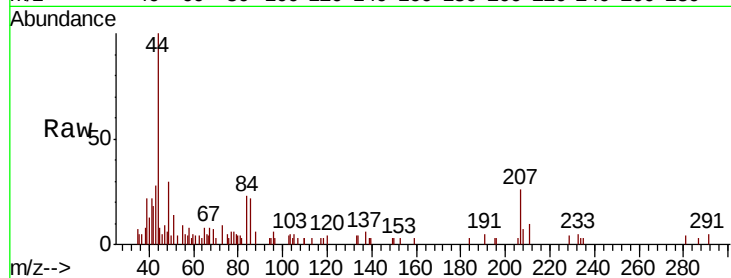




#20
Methvlene Chloride
Concen: 5.860 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.00 min
Lab File: VF062505.D
Acq: 12 May 2019 16:12

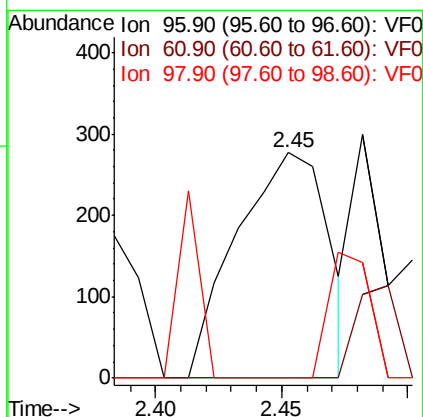
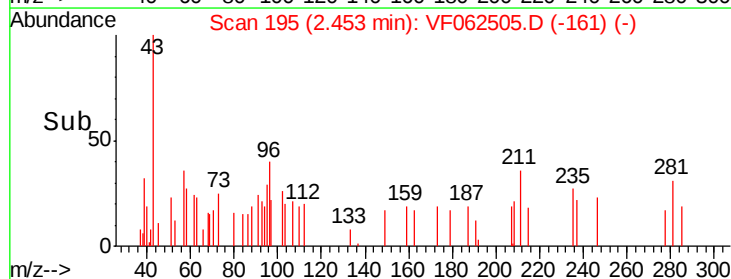
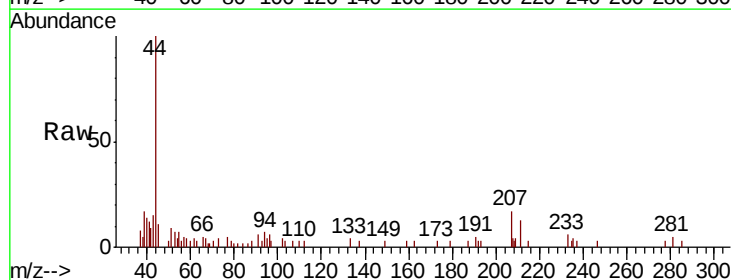
Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01

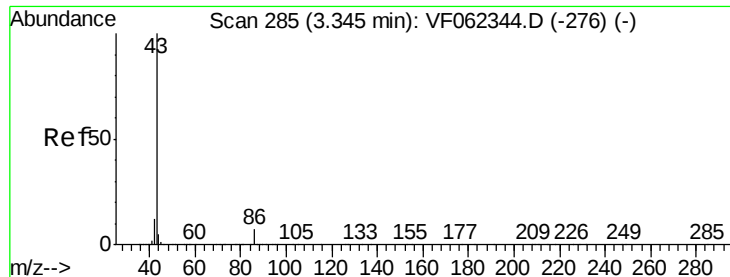
Tot Ion: 84 Resp: 2733
Ion Ratio Lower Upper
84 100
49 110.0 117.5 176.3#
51 27.1 37.0 55.4#
86 94.8 49.3 73.9#



#21
trans-1,2-Dichloroethene
Concen: 1.429 ug/l
RT: 2.45 min Scan# 195
Delta R.T. 0.03 min
Lab File: VF062505.D
Acq: 12 May 2019 16:12

Tgt Ion: 96 Resp: 704
Ion Ratio Lower Upper
96 100
61 0.0 133.2 199.8#
98 0.0 53.1 79.7#





#23

Vinyl Acetate

Concen: 1.308 ug/l

RT: 3.35 min Scan# 286

Delta R.T. 0.00 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

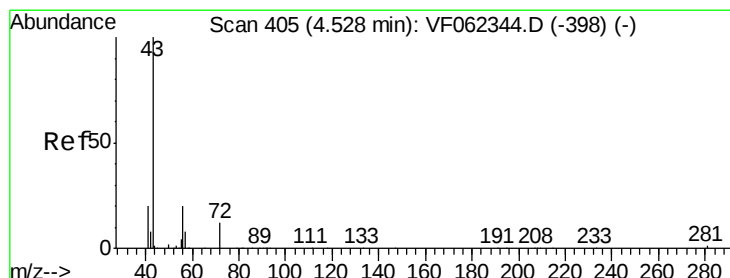
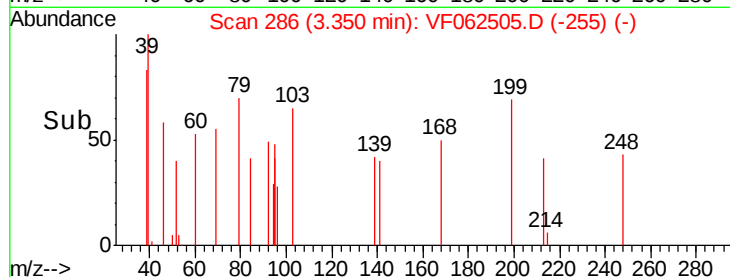
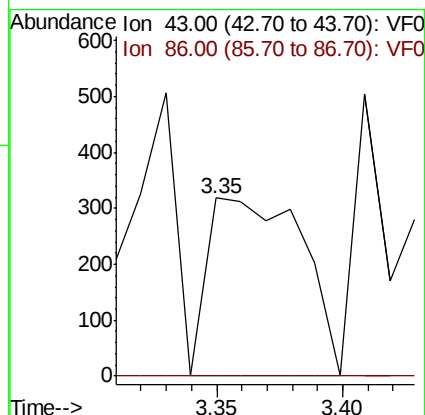
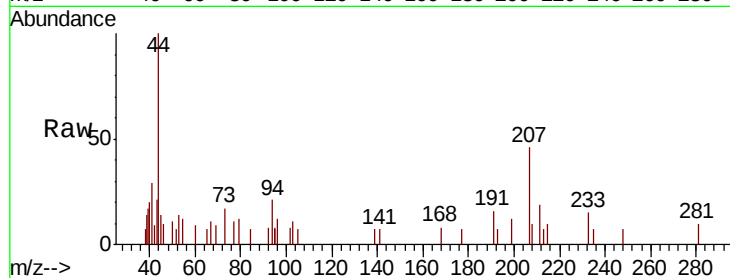
P026-SS012-0206-01

Tot Ion: 43 Resp: 832

Ion Ratio Lower Upper

43 100

86 0.0 5.7 8.5#



#25

2-Butanone

Concen: 3.637 ug/l

RT: 4.53 min Scan# 406

Delta R.T. 0.00 min

Lab File: VF062505.D

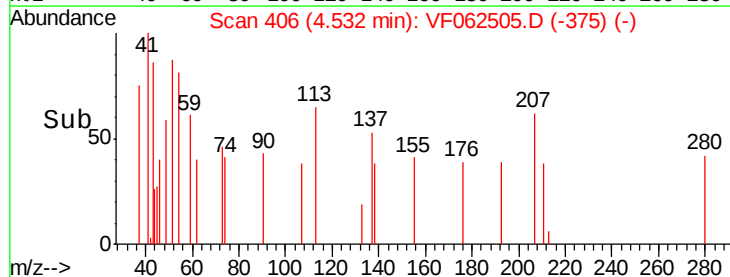
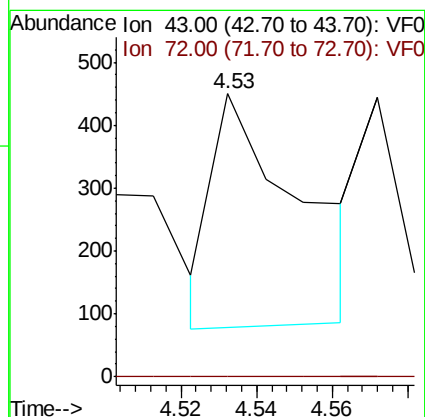
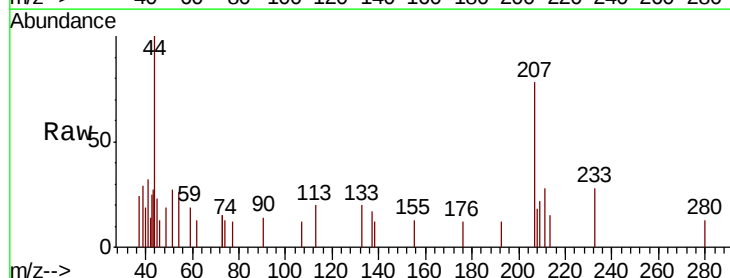
Acq: 12 May 2019 16:12

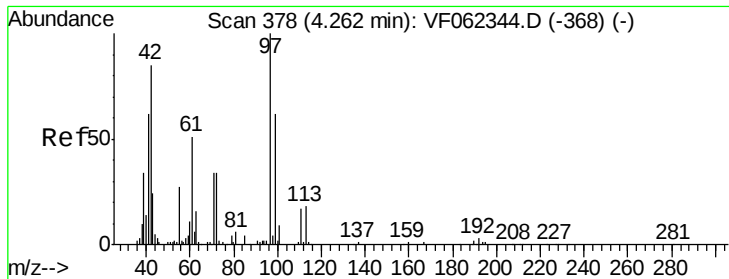
Tgt Ion: 43 Resp: 589

Ion Ratio Lower Upper

43 100

72 0.0 14.2 21.4#





#29

Tetrahydrofuran

Concen: 11.903 ug/l

RT: 4.34 min Scan# 386

Delta R.T. 0.07 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0206-01

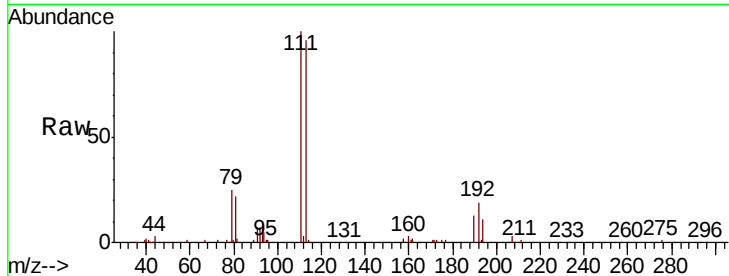
Tot Ion: 42 Resp: 886

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

71 7.1 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

4.34

300

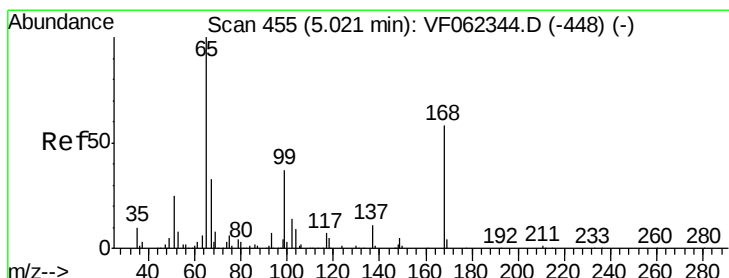
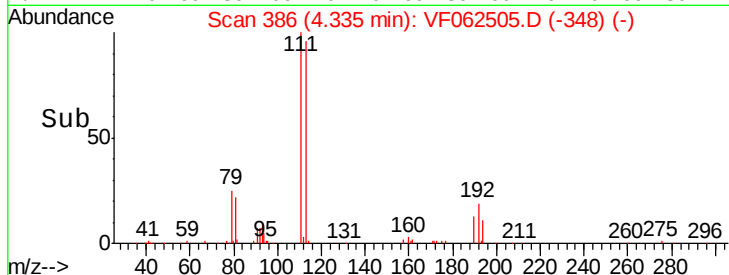
200

100

0

4.30 4.35 4.40

Time-->



#33

1,2-Dichloroethane-d4

Concen: 115.759 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062505.D

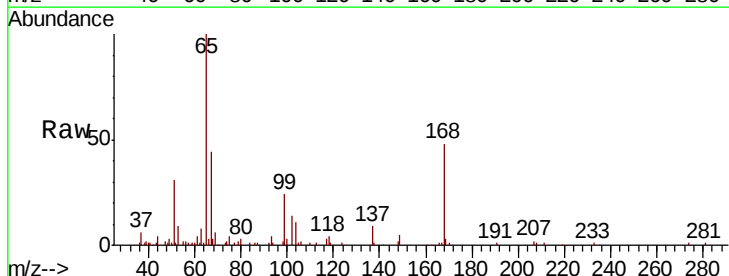
Acq: 12 May 2019 16:12

Tgt Ion: 65 Resp: 73770

Ion Ratio Lower Upper

65 100

67 45.3 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

30000

25000

20000

15000

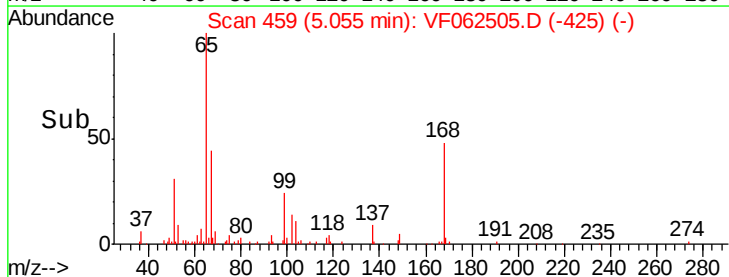
10000

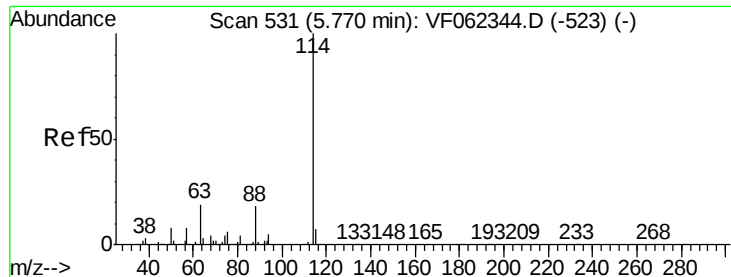
5000

0

4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0206-01

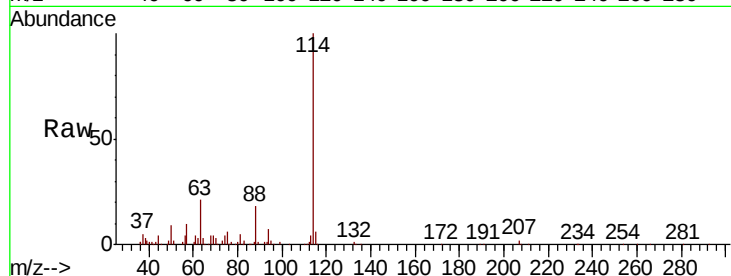
Tot Ion:114 Resp: 105443

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

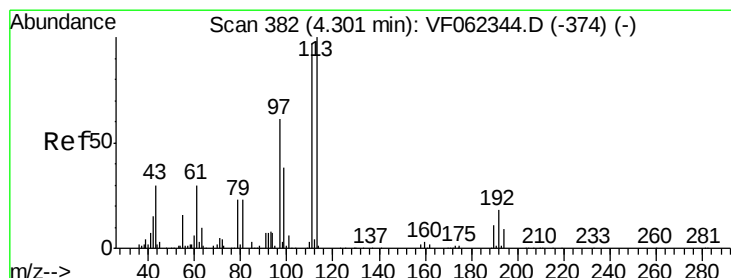
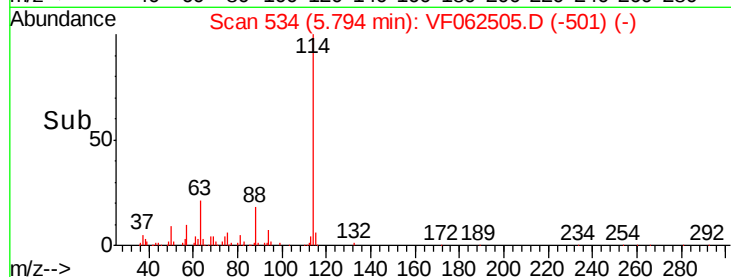
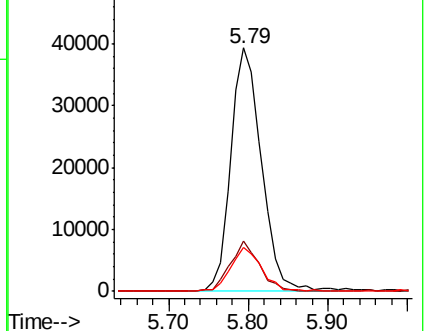
88 18.0 0.0 36.4



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: 90.368 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.02 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

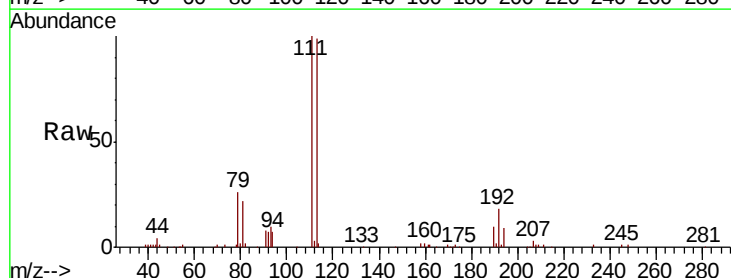
Tgt Ion:113 Resp: 75913

Ion Ratio Lower Upper

113 100

111 97.6 79.4 119.0

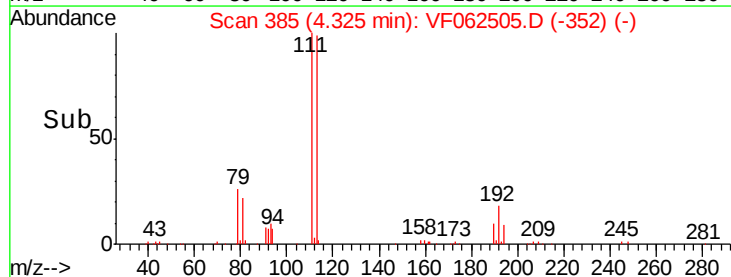
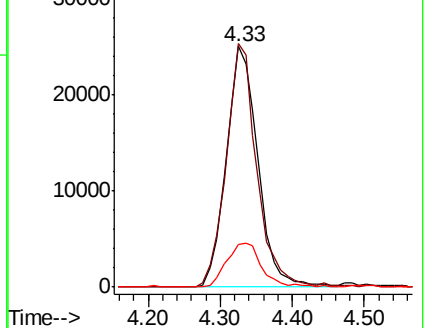
192 20.4 16.0 24.0

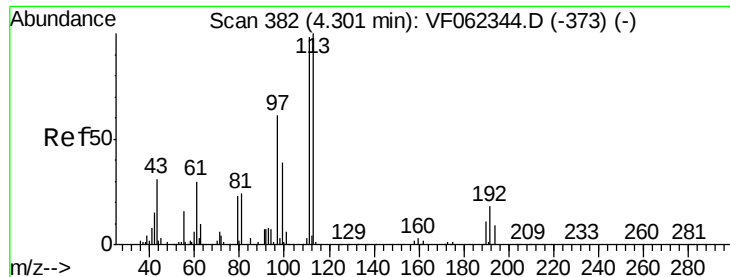


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

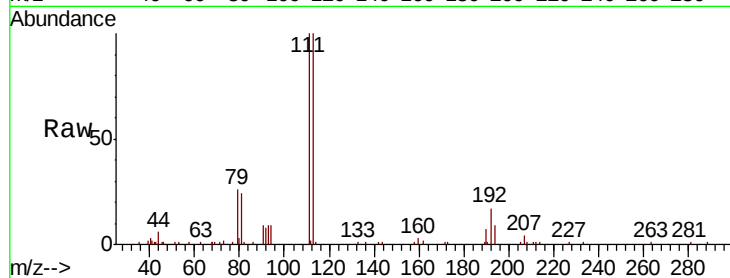




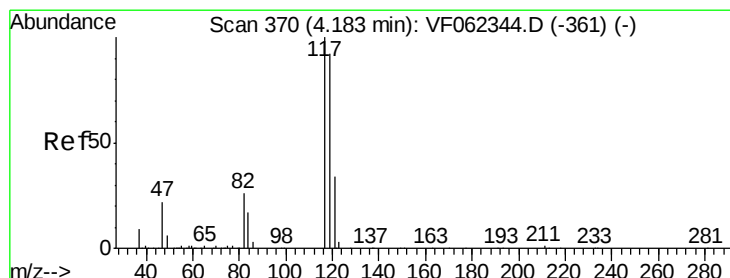
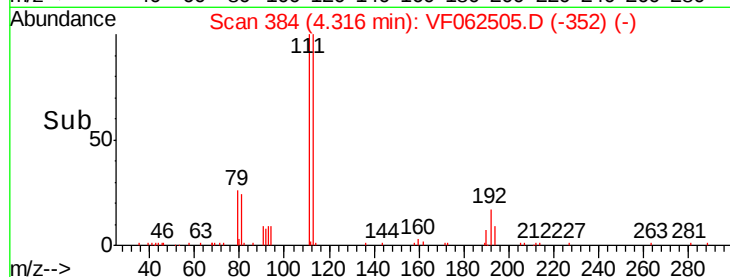
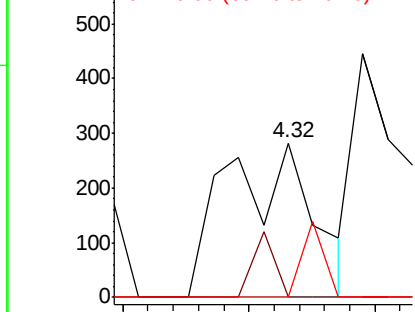
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062505.D
Acq: 12 May 2019 16:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01

Tot Ion: 43 Resp: 670
Ion Ratio Lower Upper
43 100
61 10.7 0.0 0.0#
70 0.0 8.2 12.2#

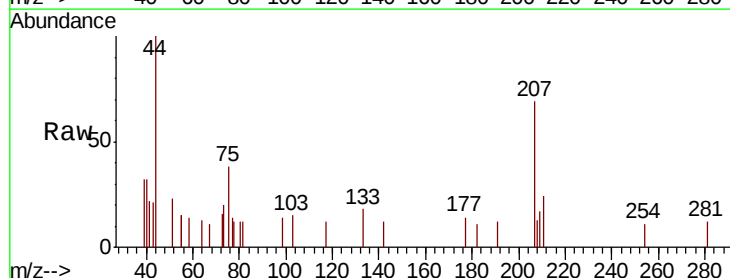


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 60.90 (60.60 to 61.60): VF0
Ion 70.00 (69.70 to 70.70): VF0

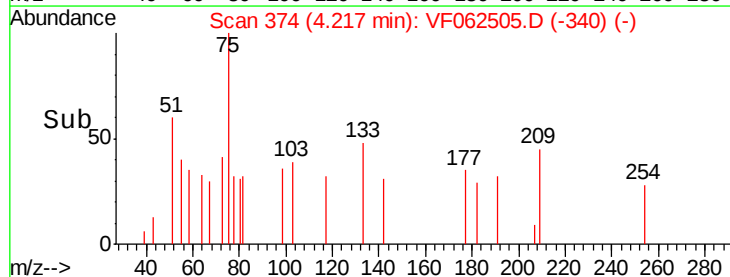
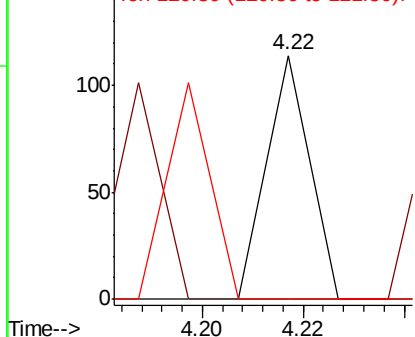


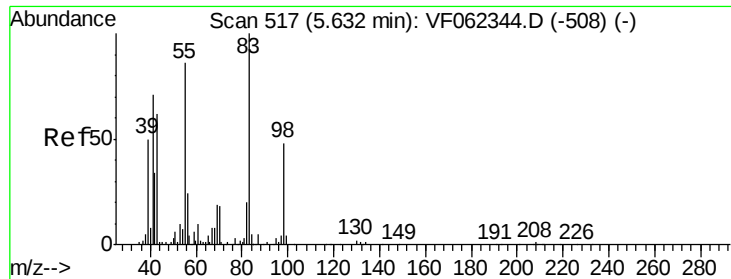
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.22 min Scan# 374
Delta R.T. 0.03 min
Lab File: VF062505.D
Acq: 12 May 2019 16:12

Tgt Ion: 117 Resp: 67
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

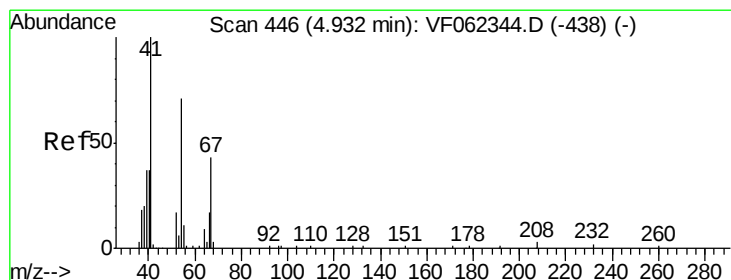
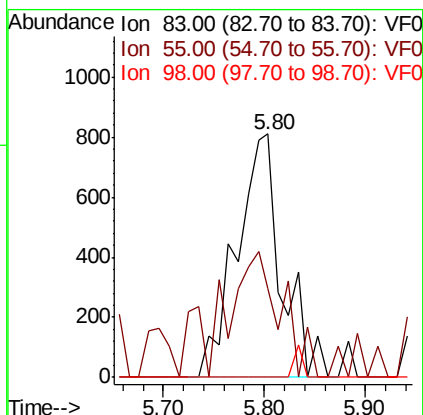
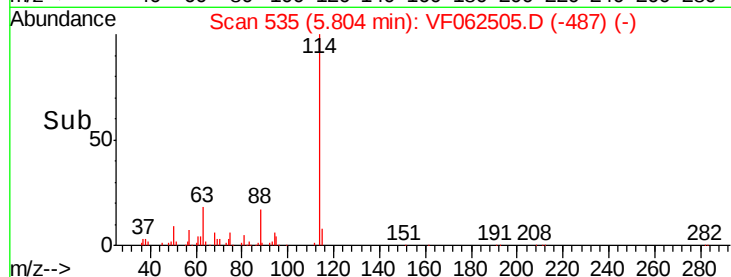
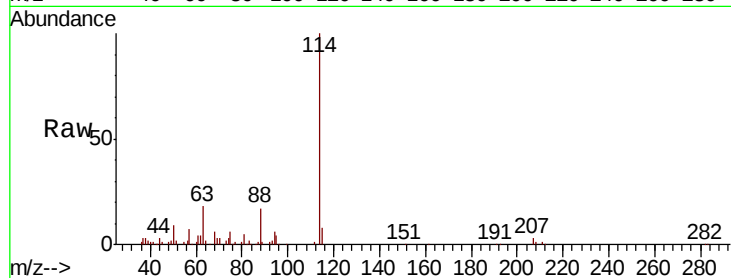




#39
Methylcyclohexane
Concen: 2.781 ug/l
RT: 5.80 min Scan# 535
Delta R.T. 0.17 min
Lab File: VF062505.D
Acq: 12 May 2019 16:12

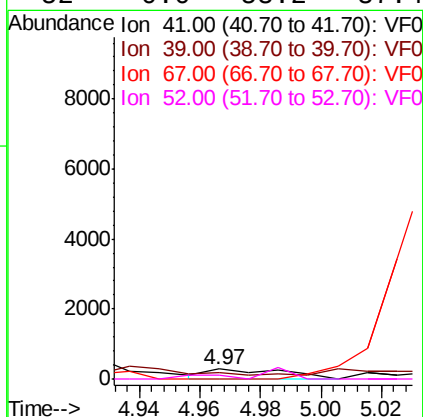
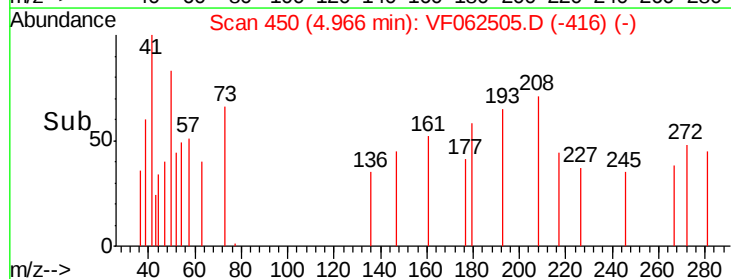
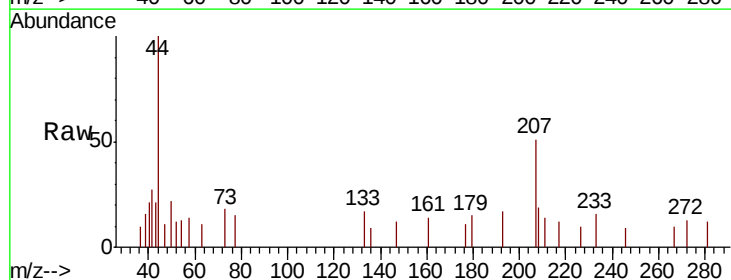
Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01

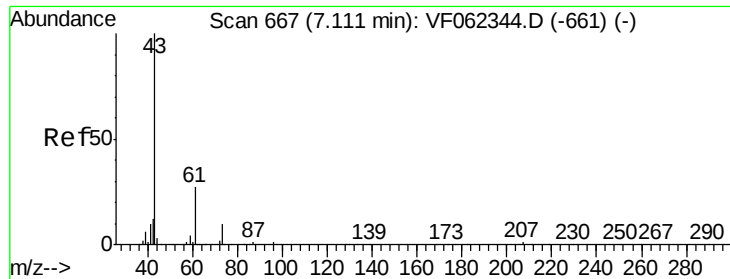
Tot Ion: 83 Resp: 2526
Ion Ratio Lower Upper
83 100
55 23.6 69.0 103.6#
98 0.0 38.6 58.0#



#41
Methacrylonitrile
Concen: 2.380 ug/l
RT: 4.97 min Scan# 450
Delta R.T. 0.03 min
Lab File: VF062505.D
Acq: 12 May 2019 16:12

Tgt Ion: 41 Resp: 517
Ion Ratio Lower Upper
41 100
39 0.0 54.3 81.5#
67 0.0 37.8 56.8#
52 0.0 58.2 87.4#





#43

Isopropyl Acetate

Concen: 1.364 ug/l

RT: 7.12 min Scan# 669

Delta R.T. 0.01 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0206-01

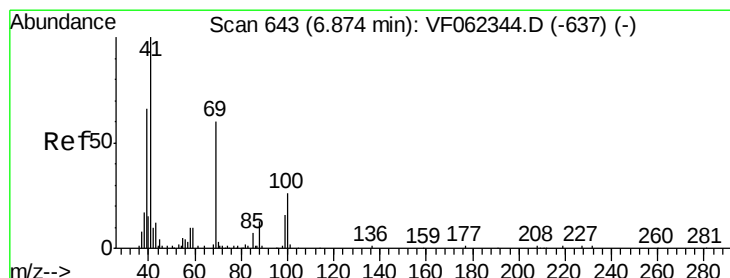
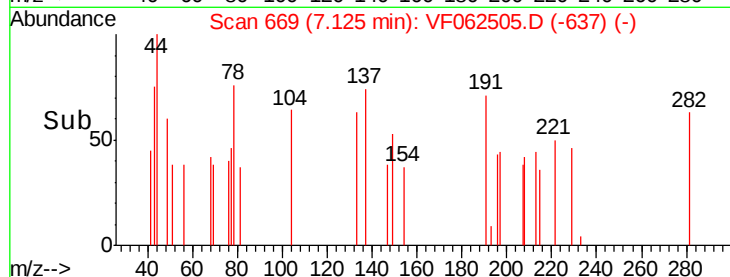
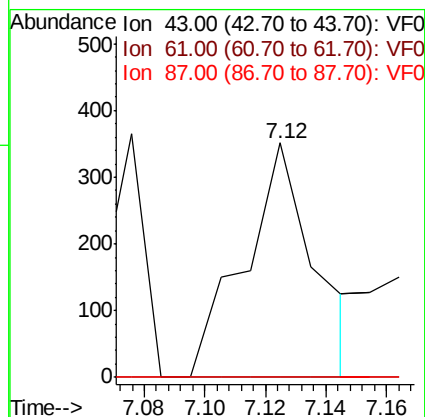
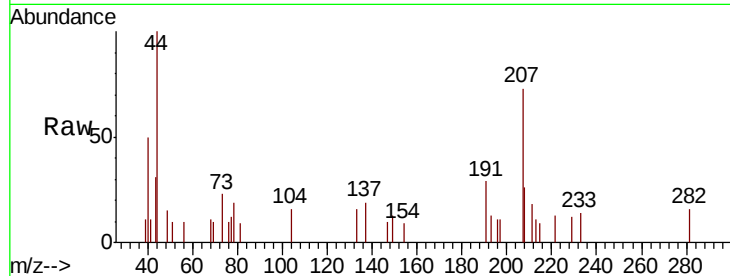
Tot Ion: 43 Resp: 562

Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 0.6 1.0#



#48

Methyl methacrylate

Concen: 1.659 ug/l

RT: 6.91 min Scan# 647

Delta R.T. 0.03 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

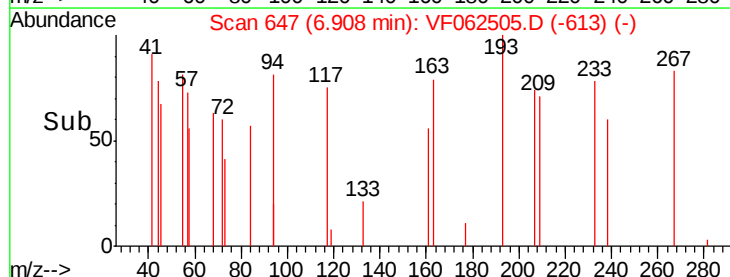
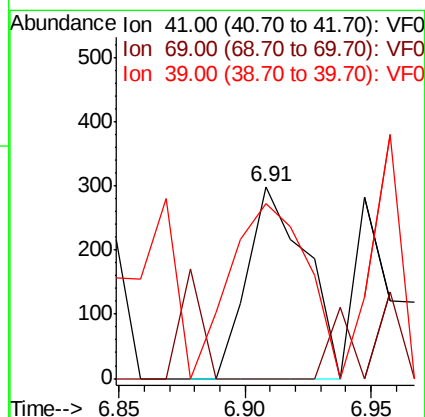
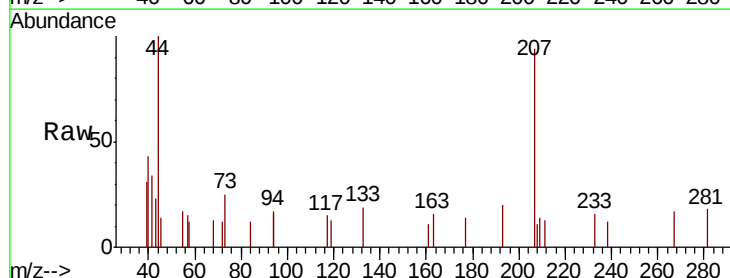
Tgt Ion: 41 Resp: 483

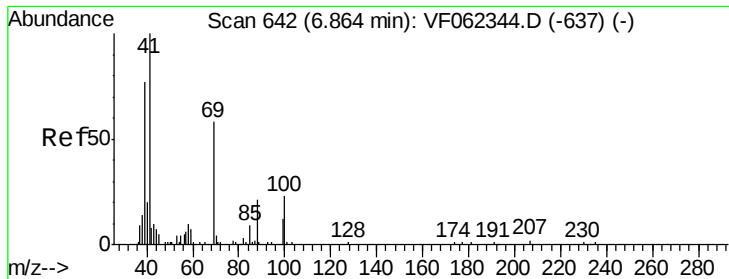
Ion Ratio Lower Upper

41 100

69 0.0 48.6 72.8#

39 121.3 56.1 84.1#





#49

1,4-Dioxane

Concen: 33.116 ug/l

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0206-01

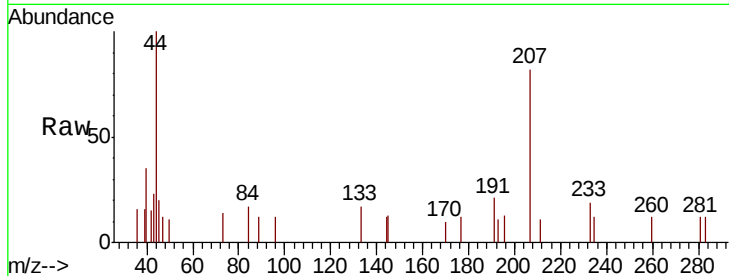
Tot Ion: 88 Resp: 137

Ion Ratio Lower Upper

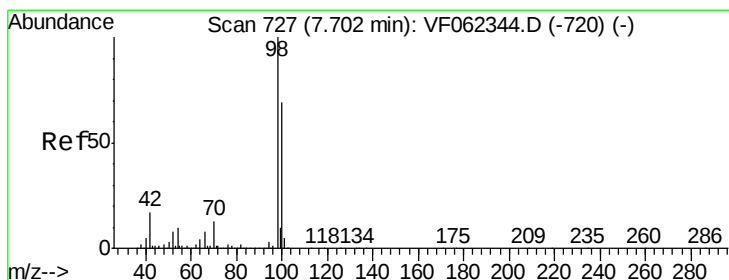
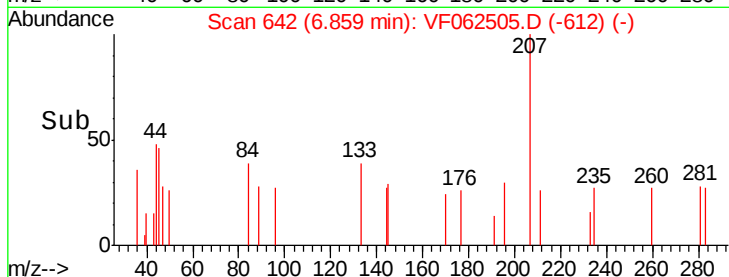
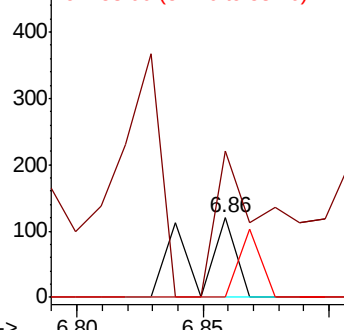
88 100

43 250.4 55.6 83.4#

58 43.8 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: 28.576 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.02 min

Lab File: VF062505.D

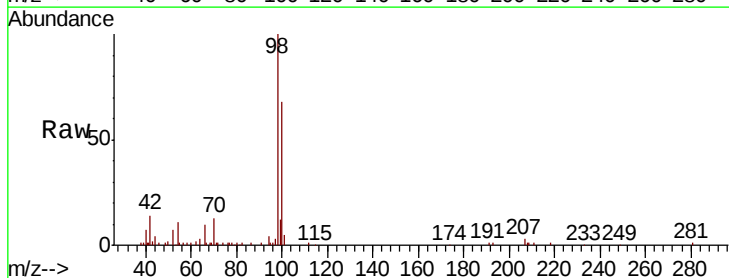
Acq: 12 May 2019 16:12

Tgt Ion: 98 Resp: 58109

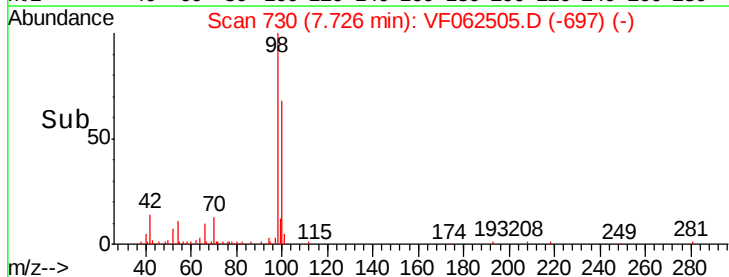
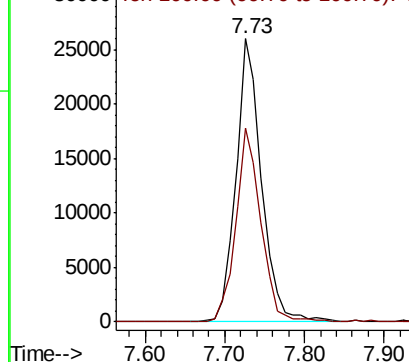
Ion Ratio Lower Upper

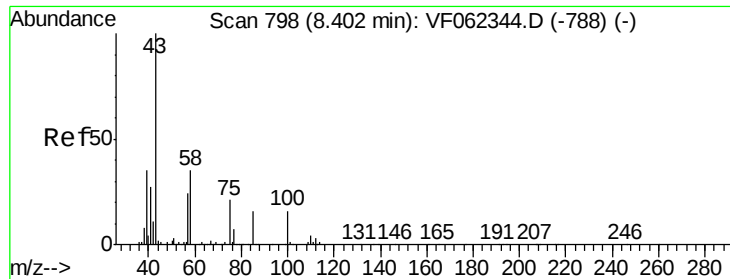
98 100

100 67.0 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: 1.461 ug/l

RT: 8.22 min Scan# 780

Delta R.T. -0.18 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

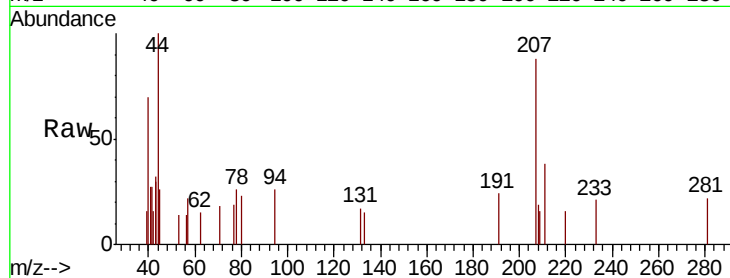
P026-SS012-0206-01

Tot Ion: 43 Resp: 456

Ion Ratio Lower Upper

43 100

58 32.5 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.22

400

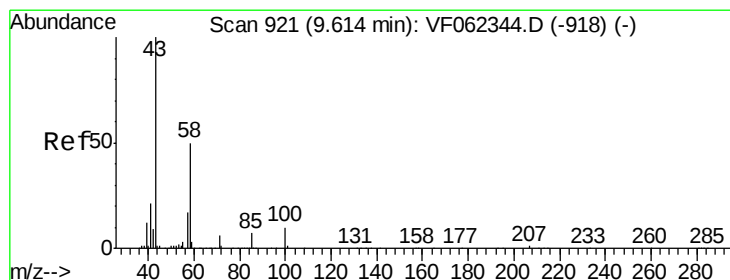
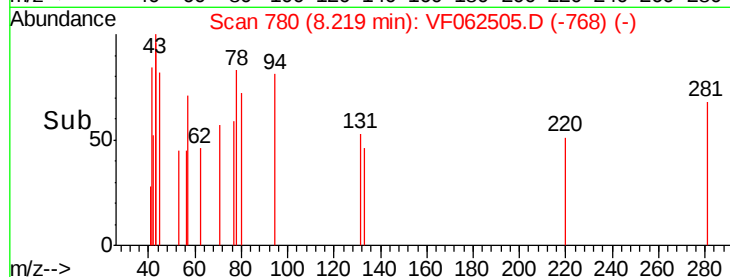
300

200

100

0

Time--> 8.18 8.20 8.22 8.24



#59

2-Hexanone

Concen: 5.776 ug/l

RT: 9.66 min Scan# 926

Delta R.T. 0.04 min

Lab File: VF062505.D

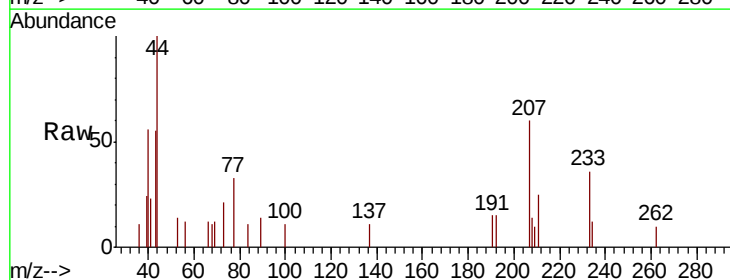
Acq: 12 May 2019 16:12

Tgt Ion: 43 Resp: 1247

Ion Ratio Lower Upper

43 100

58 28.0 24.3 73.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.66

600

500

400

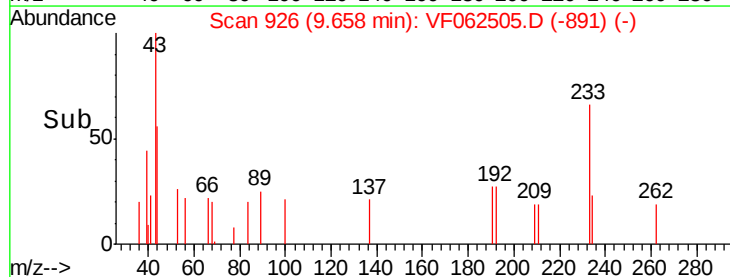
300

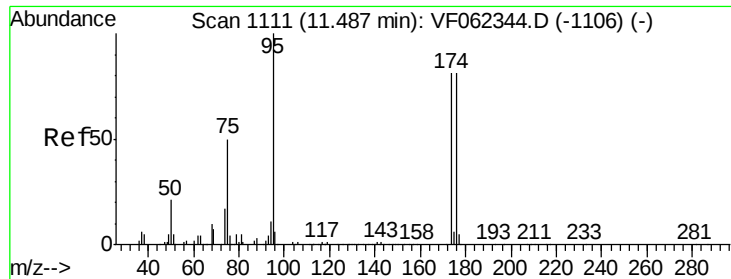
200

100

0

Time--> 9.55 9.60 9.65 9.70





#62

4-Bromofluorobenzene

Concen: 17.425 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.02 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0206-01

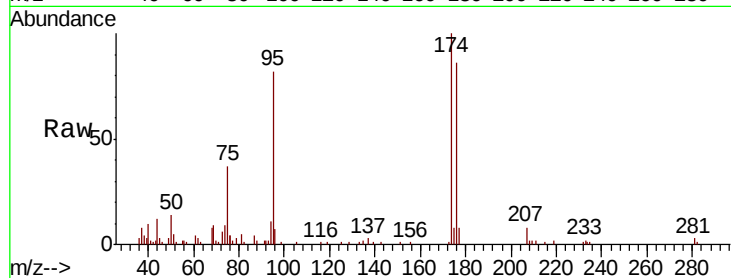
Tot Ion: 95 Resp: 15986

Ion Ratio Lower Upper

95 100

174 106.1 0.0 191.8

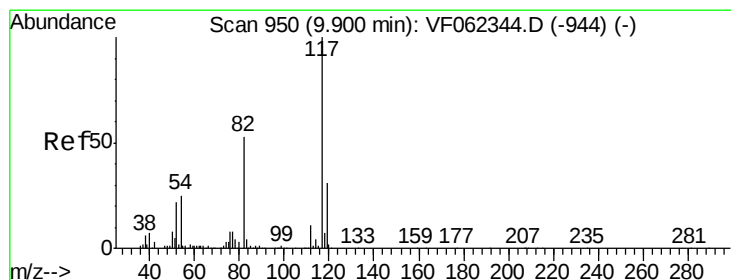
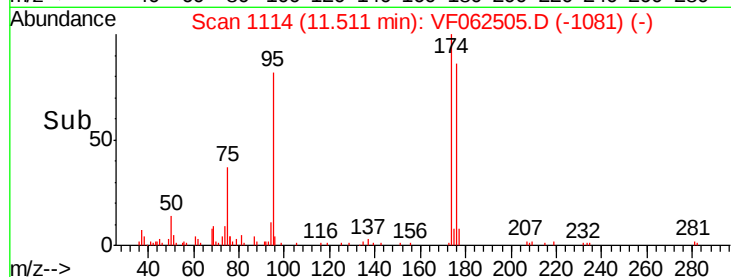
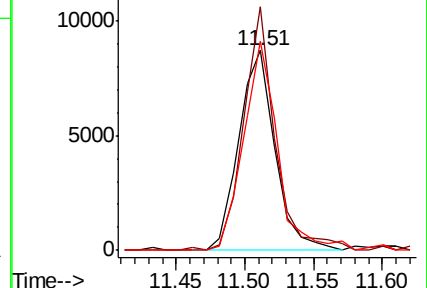
176 98.6 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): VF0

Ion 175.80 (175.50 to 176.50): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 953

Delta R.T. 0.02 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

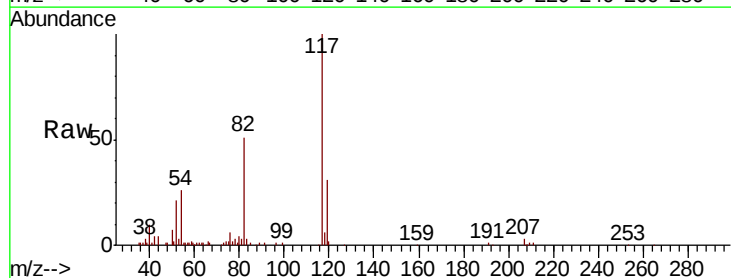
Tgt Ion: 117 Resp: 56406

Ion Ratio Lower Upper

117 100

82 50.6 42.2 63.2

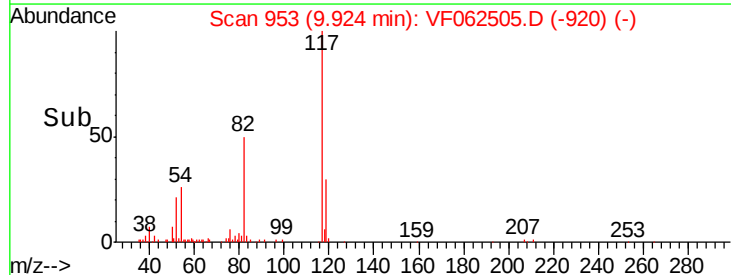
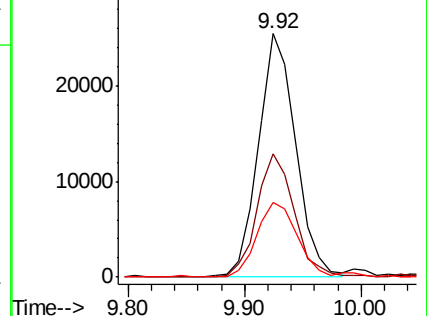
119 30.8 25.0 37.4

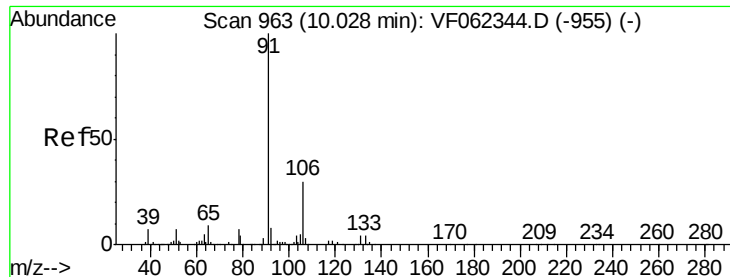


Abundance Ion 116.90 (116.60 to 117.60): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): VF0





#67

Ethyl Benzene

Concen: 3.537 ug/l

RT: 10.04 min Scan# 965

Delta R.T. 0.01 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

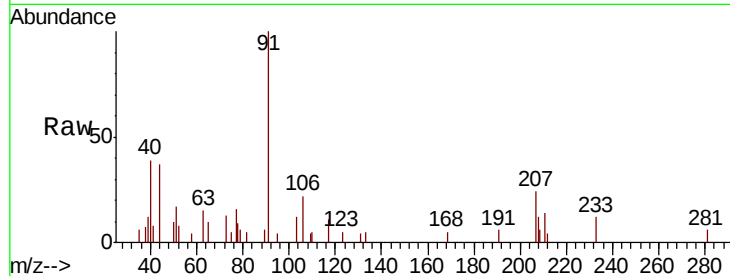
P026-SS012-0206-01

Tot Ion: 91 Resp: 5780

Ion Ratio Lower Upper

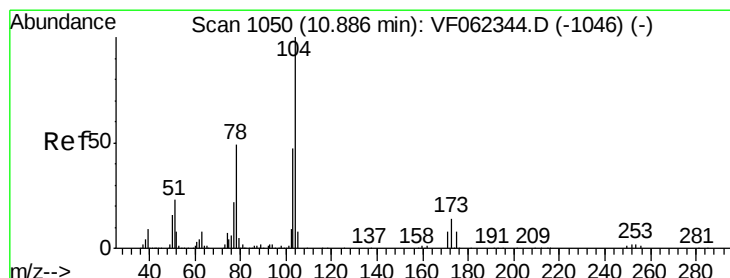
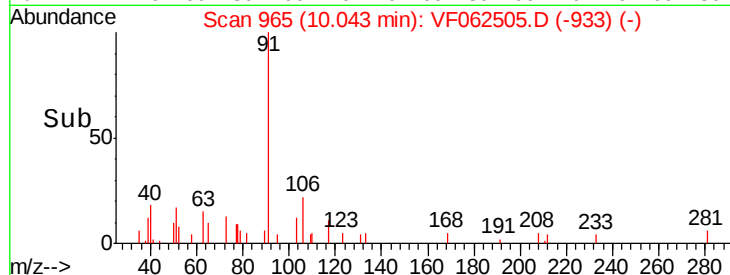
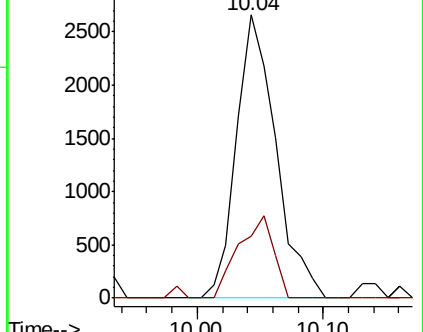
91 100

106 21.7 24.1 36.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#70

Styrene

Concen: 4.790 ug/l

RT: 10.91 min Scan# 1053

Delta R.T. 0.02 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

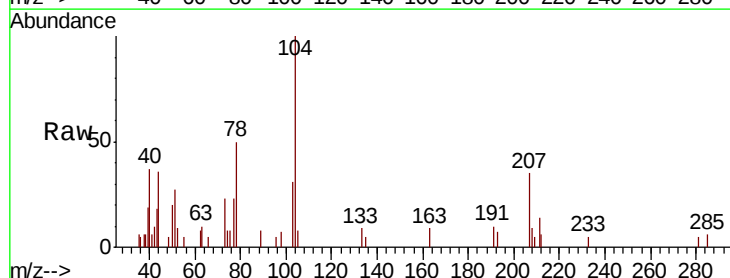
Tgt Ion: 104 Resp: 4677

Ion Ratio Lower Upper

104 100

78 60.8 39.5 59.3#

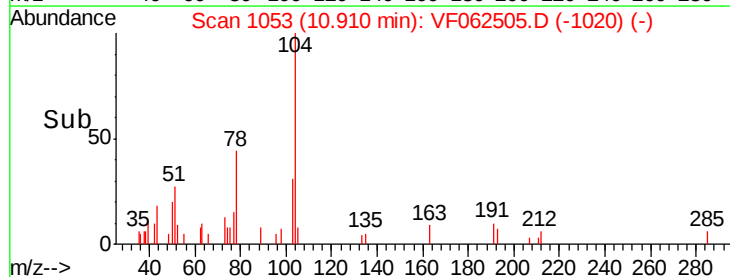
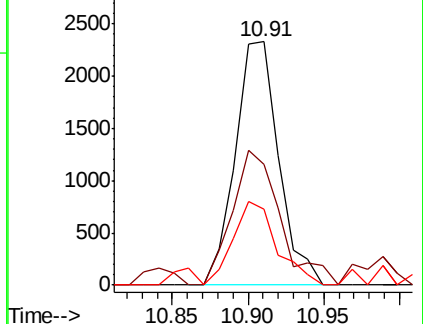
103 38.1 38.4 57.6#

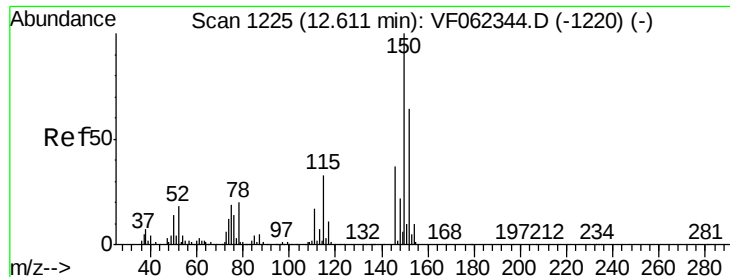


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V



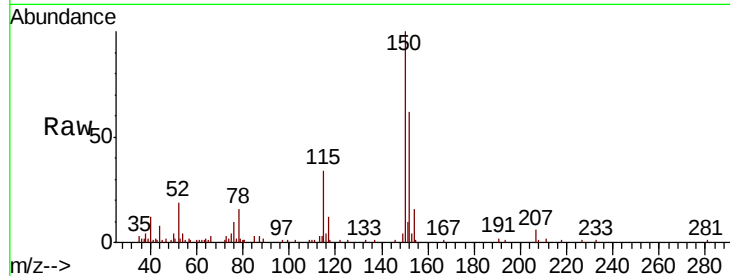


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062505.D
Acq: 12 May 2019 16:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	26.4	79.2
150	154.7	0.0	335.0

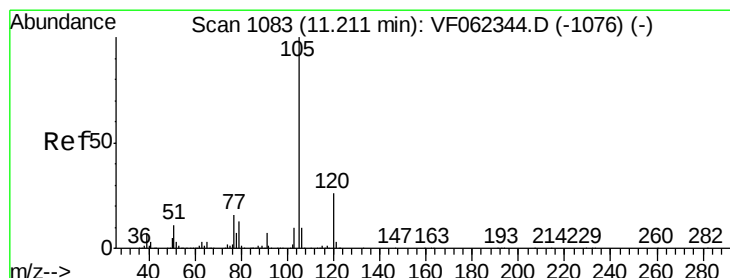
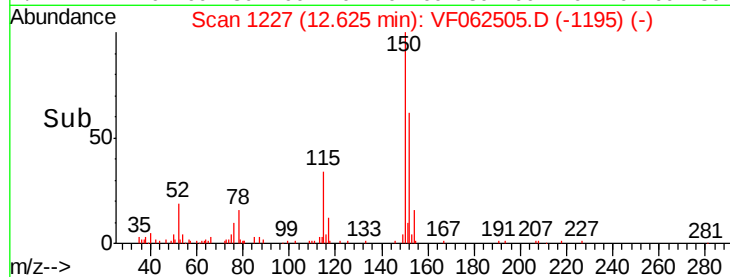
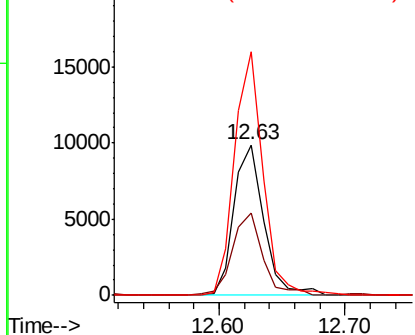


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

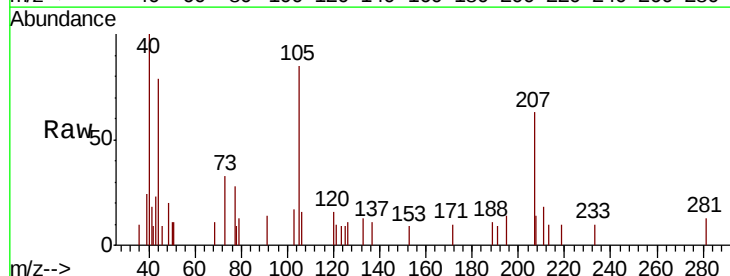
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 1.994 ug/l
RT: 11.23 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VF062505.D
Acq: 12 May 2019 16:12

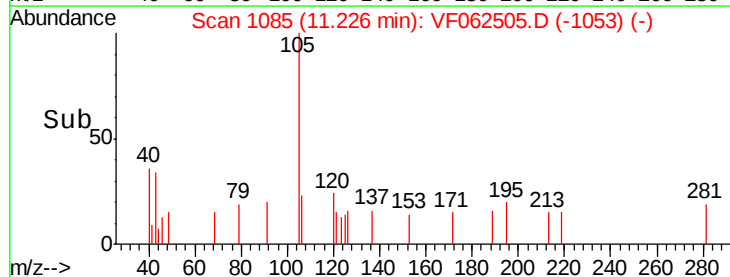
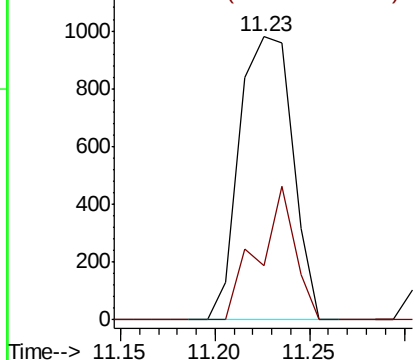
Tgt Ion	Ratio	Lower	Upper
105	100		
120	32.5	12.7	38.0

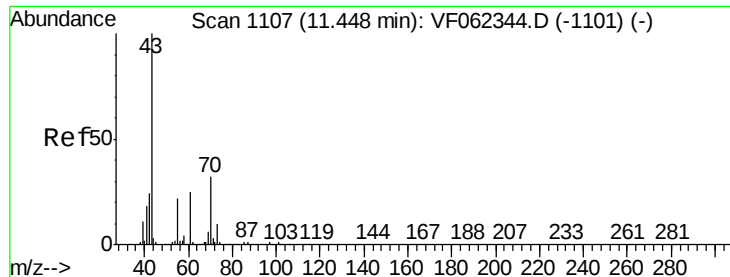


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.735 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0206-01

Tot Ion: 43 Resp: 561

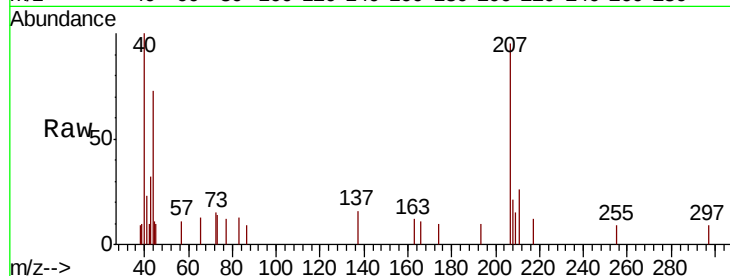
Ion Ratio Lower Upper

43 100

70 0.0 26.5 39.7#

55 0.0 17.8 26.6#

61 0.0 20.2 30.2#

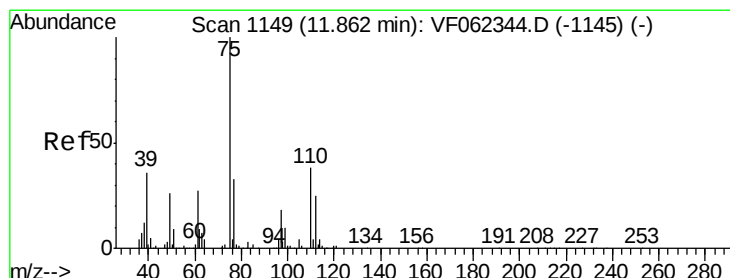
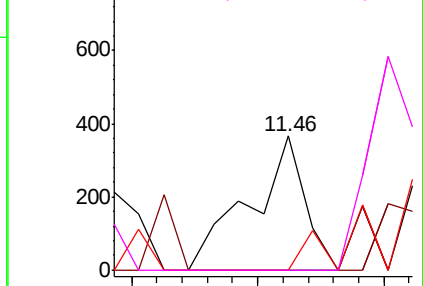
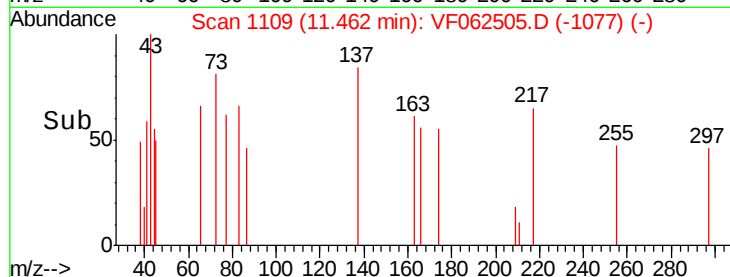


Abundance Ion 43.00 (42.70 to 43.70): VF0

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



#76

1,2,3-Trichloropropane

Concen: 1.253 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. 0.03 min

Lab File: VF062505.D

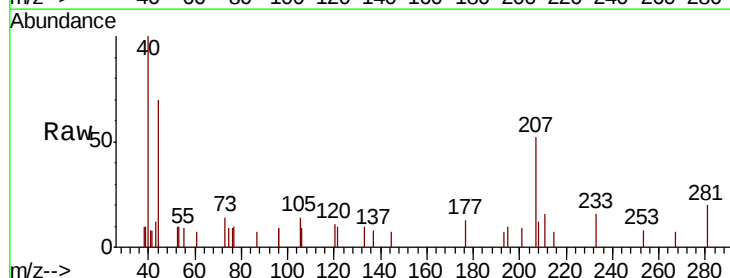
Acq: 12 May 2019 16:12

Tgt Ion: 75 Resp: 143

Ion Ratio Lower Upper

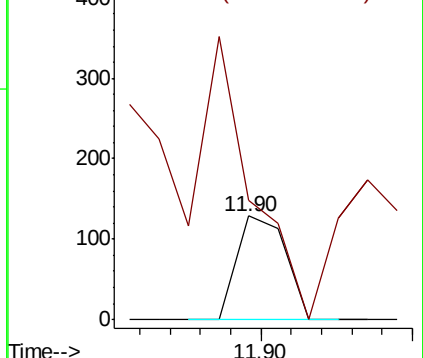
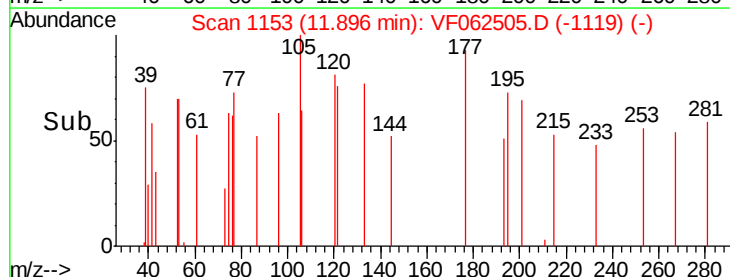
75 100

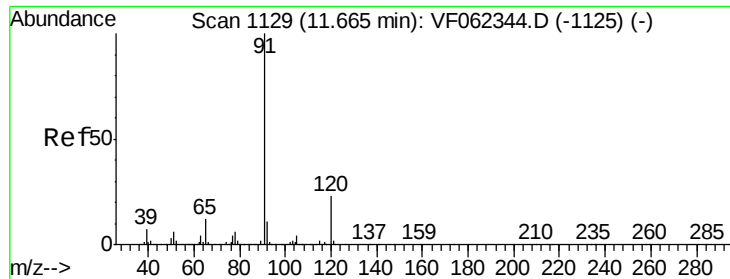
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0





#78

n-propylbenzene

Concen: 1.274 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. 0.01 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

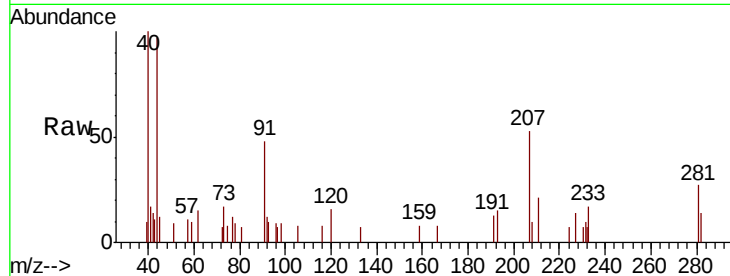
P026-SS012-0206-01

Tot Ion: 91 Resp: 1296

Ion Ratio Lower Upper

91 100

120 22.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

11.68

600

400

200

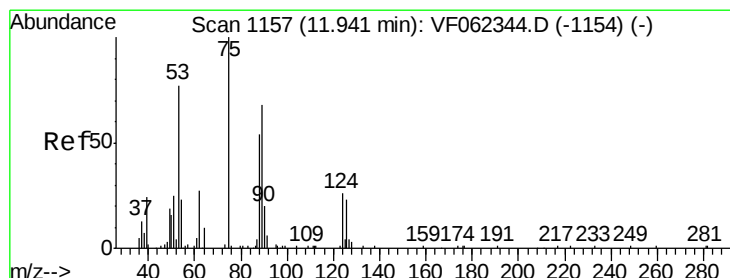
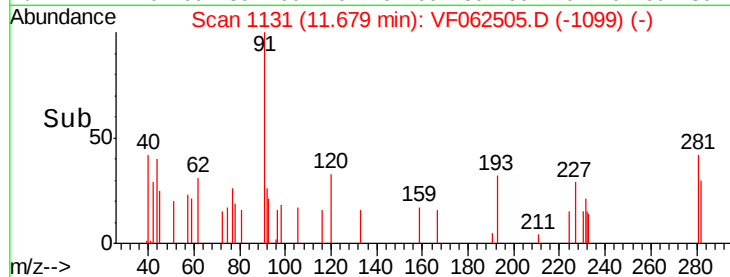
0

11.65

11.70

11.75

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 7.133 ug/l

RT: 11.95 min Scan# 1159

Delta R.T. 0.01 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

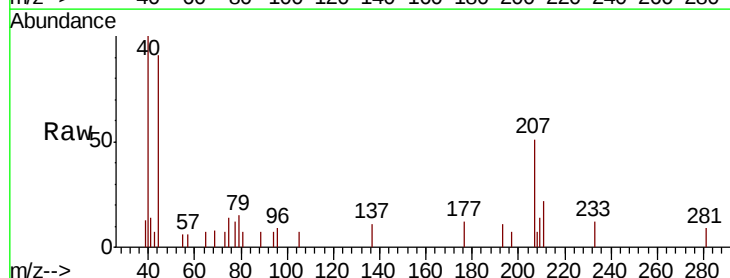
Tgt Ion: 75 Resp: 306

Ion Ratio Lower Upper

75 100

53 0.0 71.9 107.9#

89 20.9 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

300

250

200

150

100

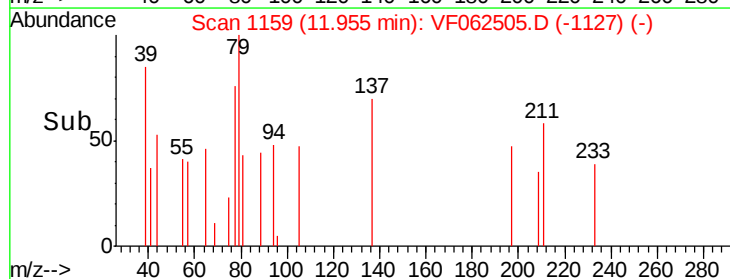
50

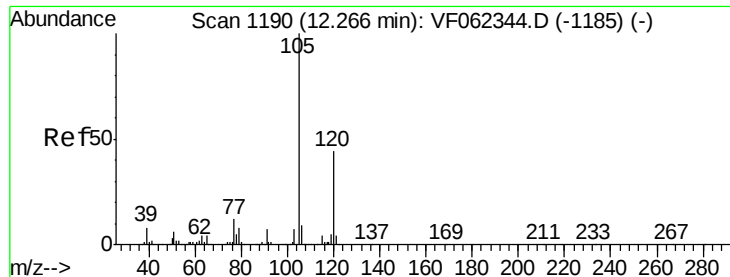
0

11.95

12.00

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 1.120 ug/l

RT: 12.28 min Scan# 1192

Delta R.T. 0.01 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

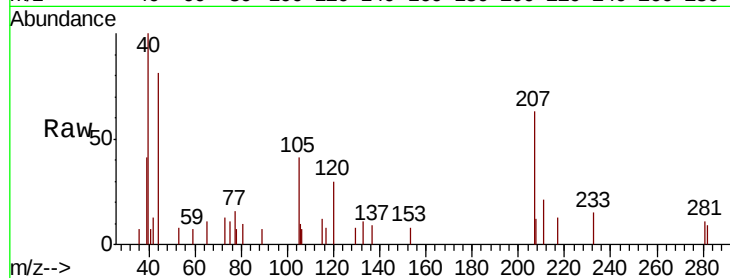
P026-SS012-0206-01

Tot Ion:105 Resp: 918

Ion Ratio Lower Upper

105 100

120 71.8 22.6 67.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.28

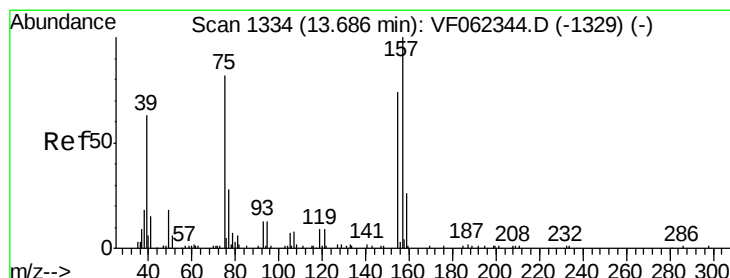
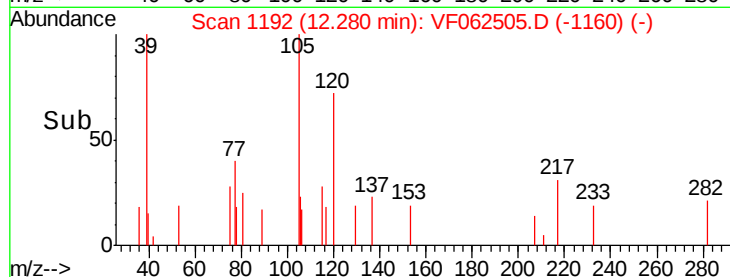
600

400

200

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.804 ug/l

RT: 13.84 min Scan# 1350

Delta R.T. 0.15 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

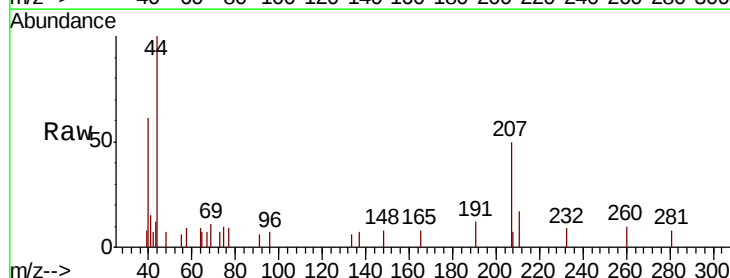
Tgt Ion: 75 Resp: 161

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

13.84

200

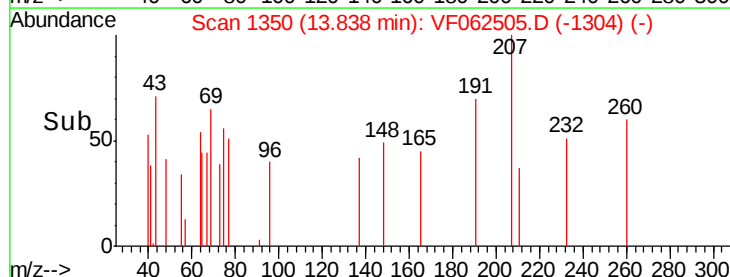
150

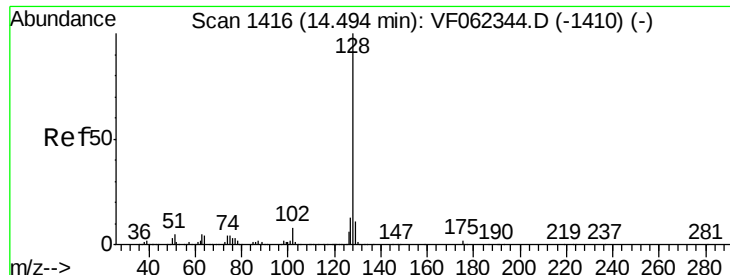
100

50

0

Time-->





#95

Naphthalene

Concen: 1.640 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VF062505.D

Acq: 12 May 2019 16:12

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0206-01

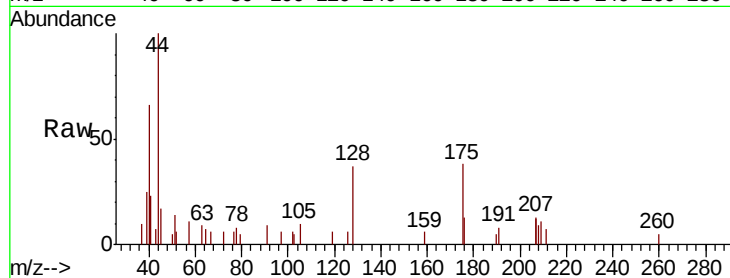
Tot Ion:128 Resp: 980

Ion Ratio Lower Upper

128 100

127 9.2 10.5 15.7#

129 20.5 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

