

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU083119\
 Data File : VU034111.D
 Acq On : 30 Aug 2019 20:09
 Operator : JC/SP
 Sample : K4095-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SU-01-082819

Quant Time: Aug 31 03:41:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	521494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	834731	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	792282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	402957	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	309651	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	
35) Dibromofluoromethane	4.86	113	262910	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
50) Toluene-d8	7.55	98	1046971	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	10.29	95	377687	44.79	ug/l	0.00
Spiked Amount			Recovery	=	89.58%	

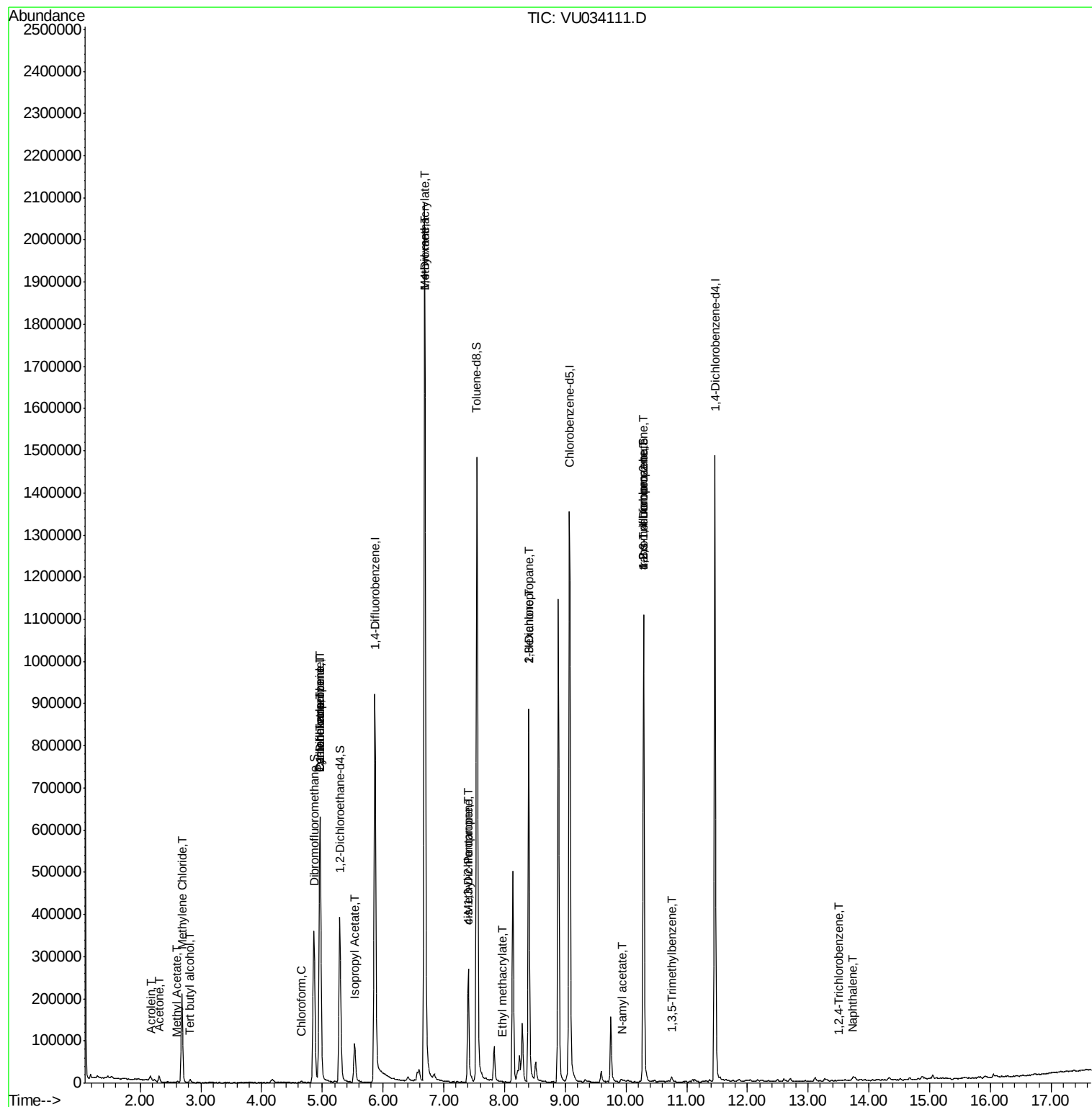
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	820	Below Cal	#	74
5) Bromomethane	1.59	94	45	Below Cal	#	2
11) Tert butyl alcohol	2.82	59	3806	2.470	ug/l #	73
13) Acrolein	2.19	56	198	0.305	ug/l #	61
16) Acetone	2.31	43	16375	4.803	ug/l	97
18) Methyl Acetate	2.61	43	3912	0.444	ug/l	99
20) Methylene Chloride	2.69	84	94353	14.618	ug/l	99
30) Chloroform	4.66	83	3441	0.325	ug/l	90
31) Cyclohexane	4.96	56	9231	0.925	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	36461	4.618	ug/l #	49
38) Carbon Tetrachloride	4.96	117	46115	6.051	ug/l #	15
43) Isopropyl Acetate	5.53	43	112010	8.327	ug/l	99
48) Methyl methacrylate	6.68	41	173809	26.778	ug/l #	39
49) 1,4-Dioxane	6.67	88	126	0.775	ug/l #	22
51) 4-Methyl-2-Pentanone	7.40	43	104628	11.263	ug/l #	45
54) cis-1,3-Dichloropropene	7.40	75	49937	4.970	ug/l #	61
56) Ethyl methacrylate	7.96	69	207	0.991	ug/l #	27
57) 1,3-Dichloropropane	8.40	76	9052	0.856	ug/l #	42
59) 2-Hexanone	8.40	43	122913	17.527	ug/l #	51
74) N-amyl acetate	9.92	43	5939	0.522	ug/l #	45
76) 1,2,3-Trichloropropane	10.29	75	182517	20.097	ug/l #	37
80) 1,3,5-Trimethylbenzene	10.76	105	6475	0.282	ug/l	92
81) trans-1,4-Dichloro-2-buten	10.29	75	182517	67.670	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.51	180	45	1.119	ug/l #	41
95) Naphthalene	13.74	128	12960	2.287	ug/l #	88

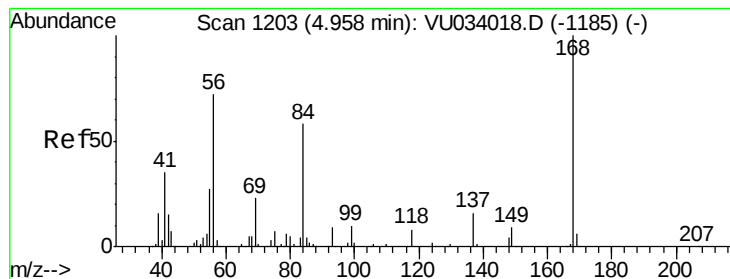
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

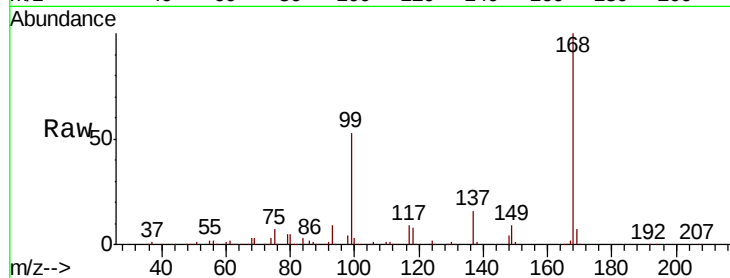
SU-01-082819

Tgt Ion:168 Resp: 521494

Ion Ratio Lower Upper

168 100

99 52.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034111.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034111.D (-1185) (-)

4.96

250000

200000

150000

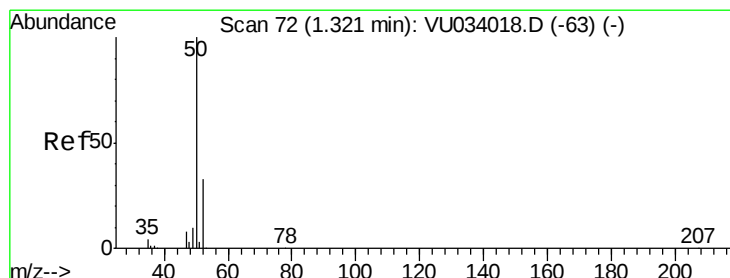
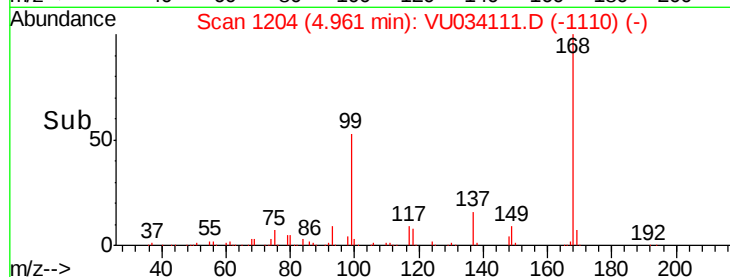
100000

50000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034111.D

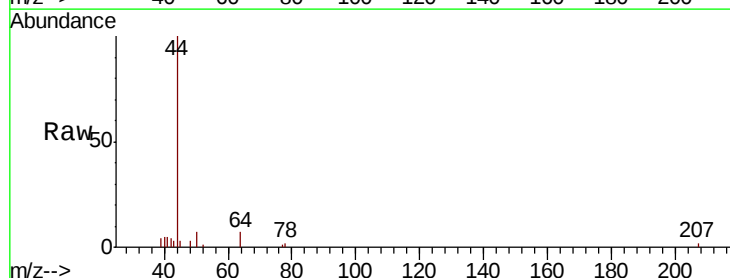
Acq: 30 Aug 2019 20:09

Tgt Ion: 50 Resp: 820

Ion Ratio Lower Upper

50 100

52 17.9 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VU034111.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU034111.D (-1) (-)

1.32

600

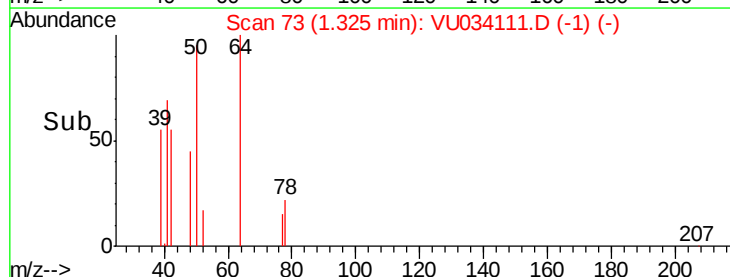
400

200

0

1.30 1.32 1.34 1.36

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.59 min Scan# 156

Delta R.T. -0.01 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

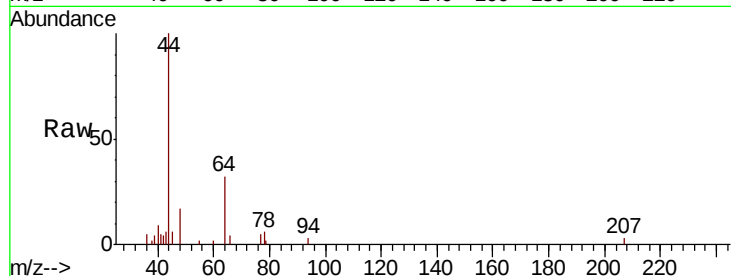
SU-01-082819

Tgt Ion: 94 Resp: 45

Ion Ratio Lower Upper

94 100

96 0.0 76.3 114.5#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.59

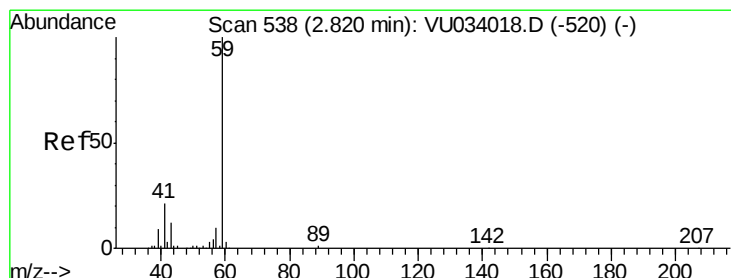
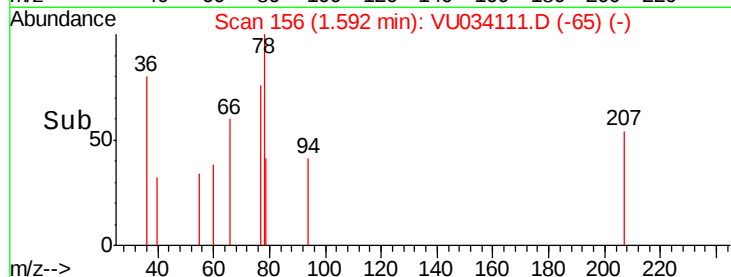
100

50

0

1.58 1.59 1.60

Time-->



#11

Tert butyl alcohol

Concen: 2.470 ug/l

RT: 2.82 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU034111.D

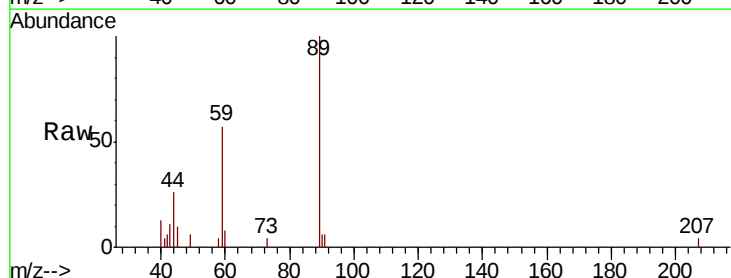
Acq: 30 Aug 2019 20:09

Tgt Ion: 59 Resp: 3806

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.82

2000

1500

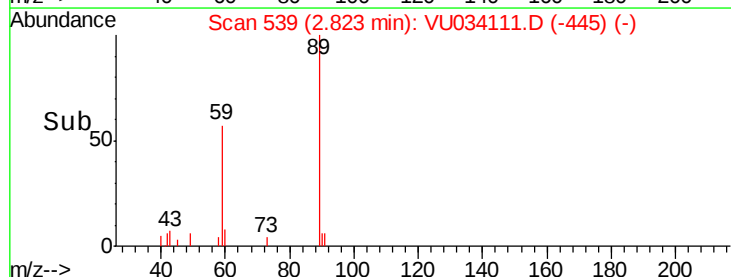
1000

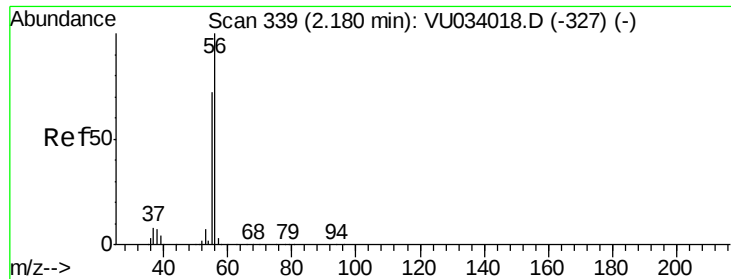
500

0

2.75 2.80 2.85

Time-->





#13

Acrolein

Concen: 0.305 ug/l

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

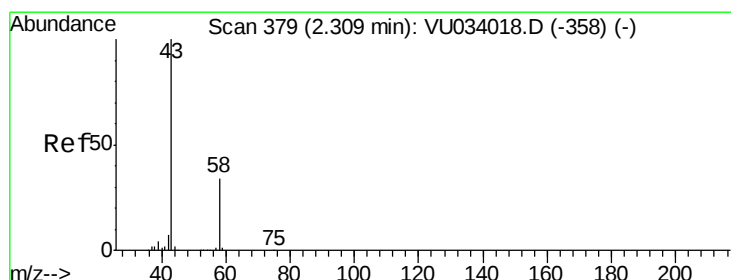
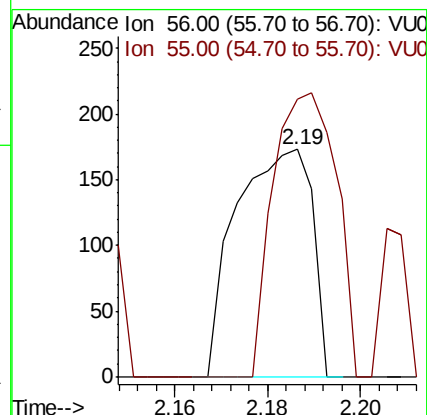
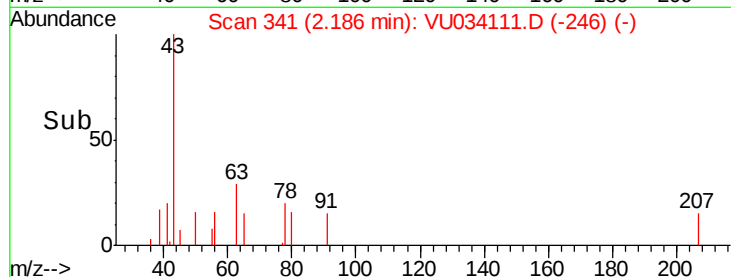
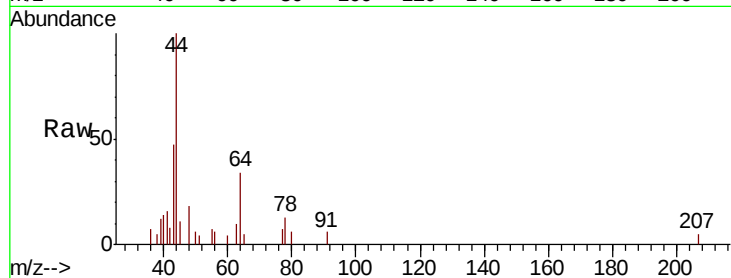
SU-01-082819

Tgt Ion: 56 Resp: 198

Ion Ratio Lower Upper

56 100

55 103.5 57.1 85.7#



#16

Acetone

Concen: 4.803 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU034111.D

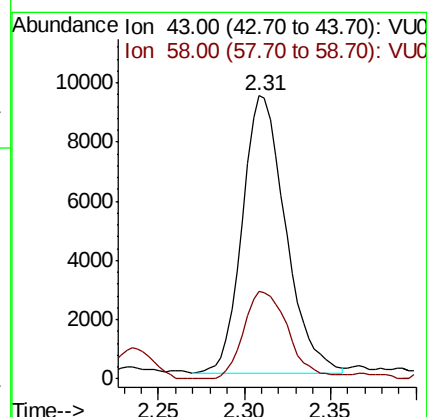
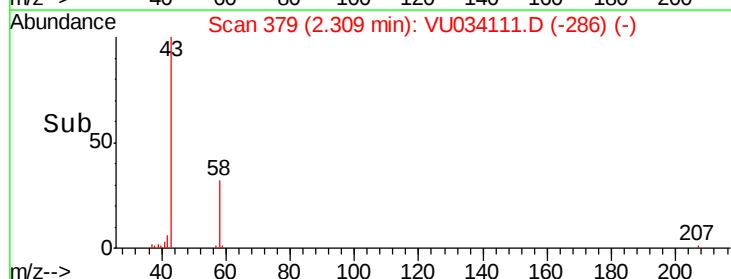
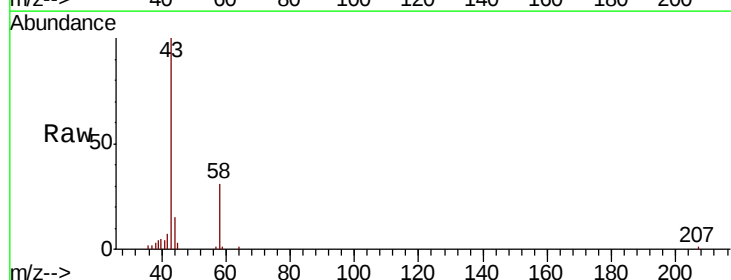
Acq: 30 Aug 2019 20:09

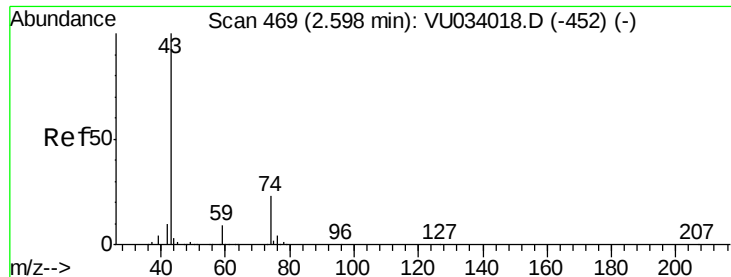
Tgt Ion: 43 Resp: 16375

Ion Ratio Lower Upper

43 100

58 31.7 26.8 40.2

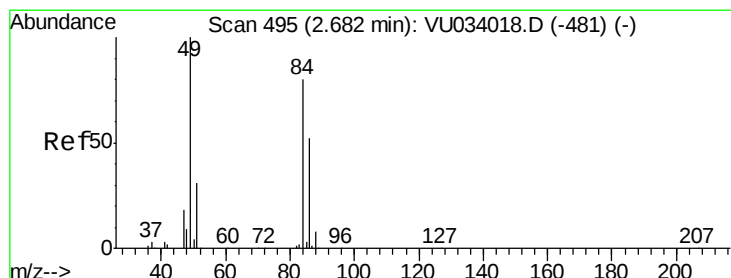
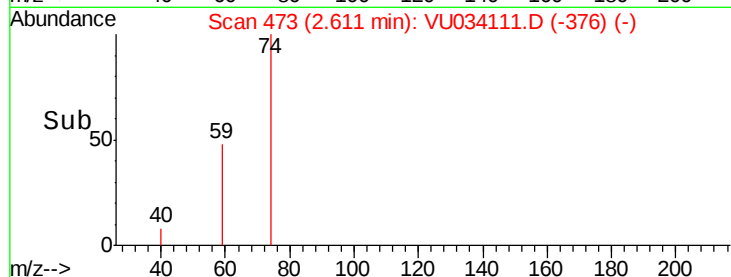
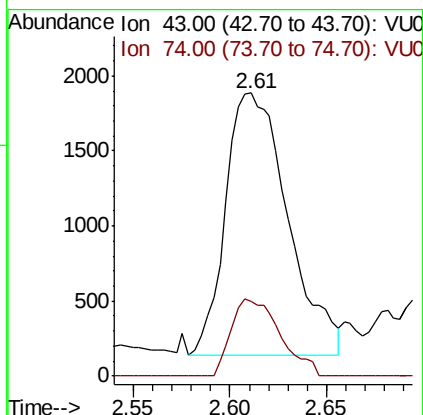
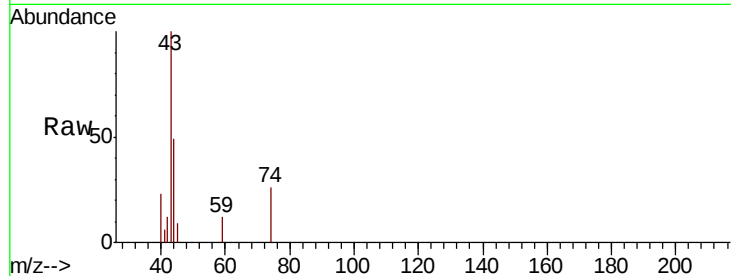




#18
Methyl Acetate
Concen: 0.444 ug/l
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU034111.D
Acq: 30 Aug 2019 20:09

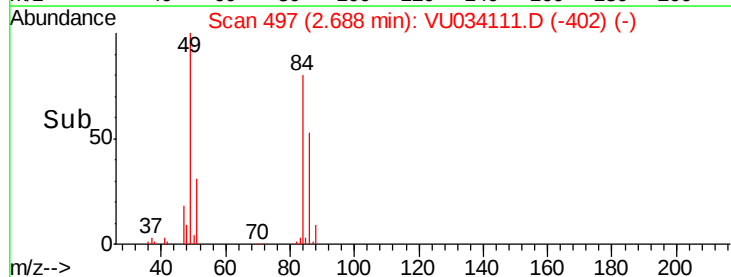
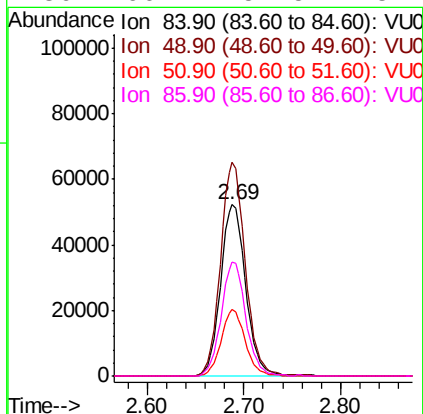
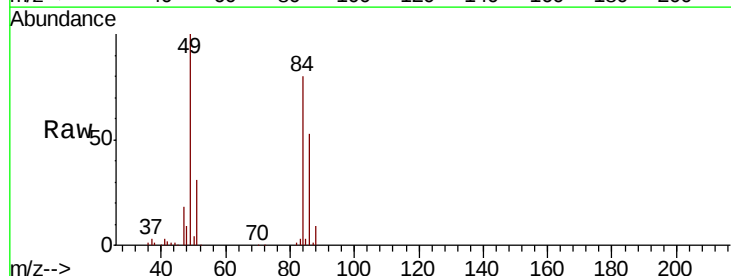
Instrument :
MSVOA_U
ClientSampleId :
SU-01-082819

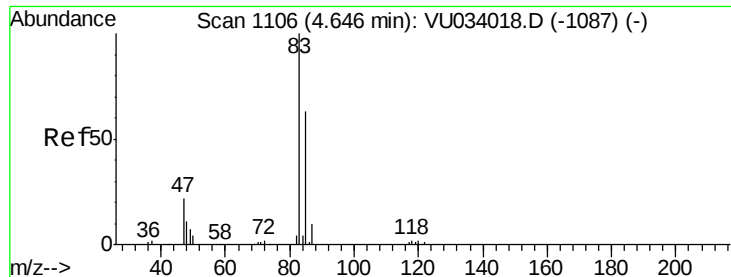
Tgt Ion: 43 Resp: 3912
Ion Ratio Lower Upper
43 100
74 23.3 19.2 28.8



#20
Methylene Chloride
Concen: 14.618 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034111.D
Acq: 30 Aug 2019 20:09

Tgt Ion: 84 Resp: 94353
Ion Ratio Lower Upper
84 100
49 124.5 100.2 150.4
51 38.8 30.8 46.2
86 66.2 52.5 78.7

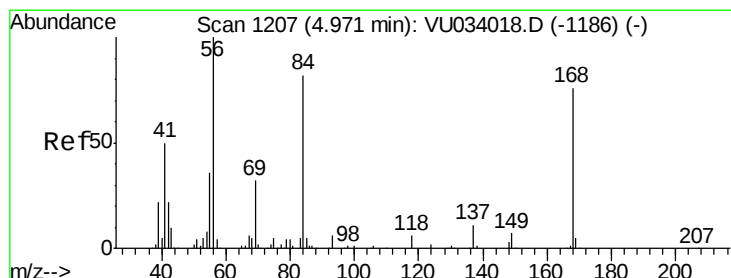
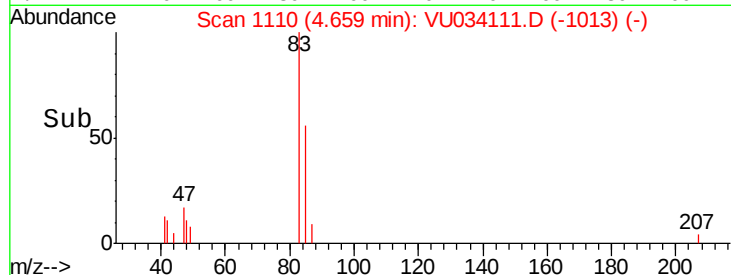
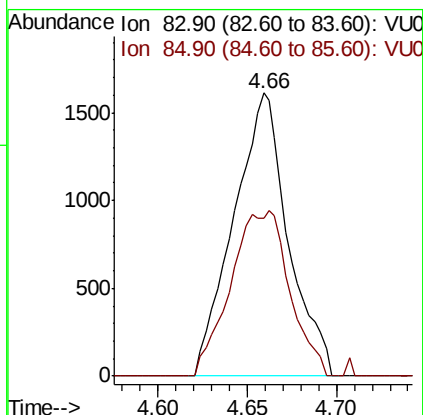
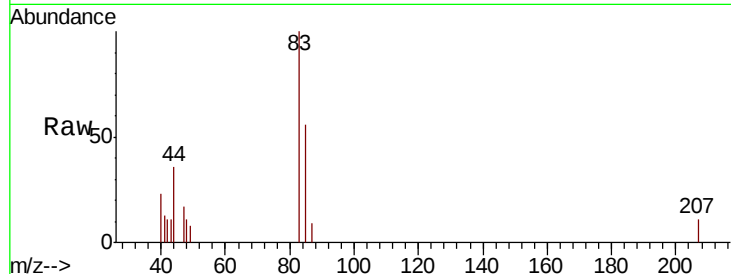




#30
Chloroform
Concen: 0.325 ug/l
RT: 4.66 min Scan# 1110
Delta R.T. 0.01 min
Lab File: VU034111.D
Acq: 30 Aug 2019 20:09

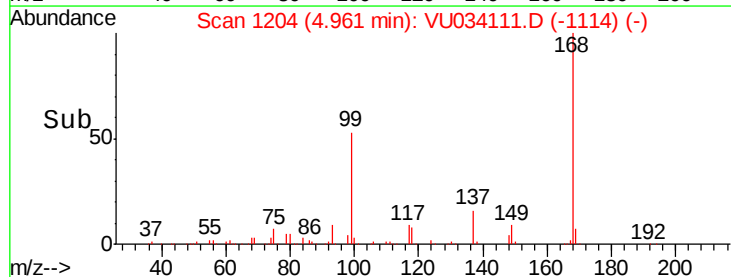
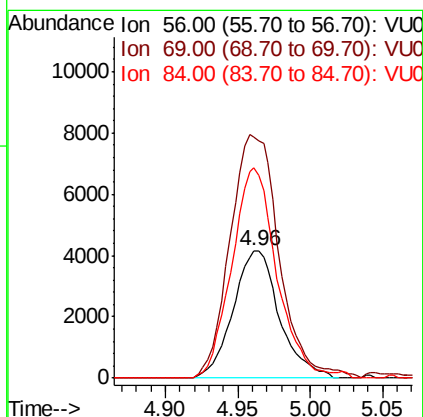
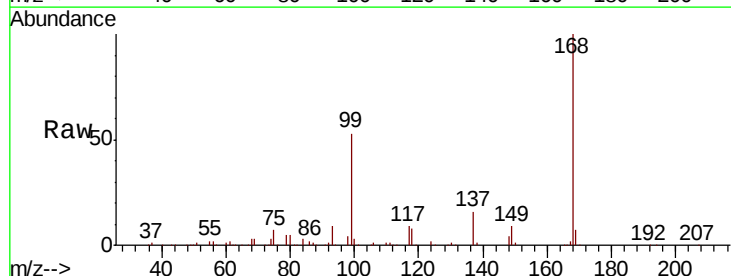
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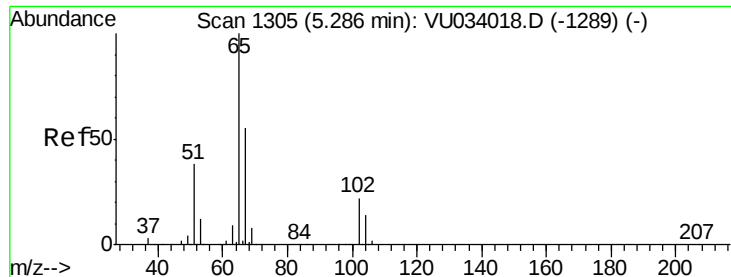
Tgt Ion: 83 Resp: 3441
Ion Ratio Lower Upper
83 100
85 55.6 50.7 76.1



#31
Cyclohexane
Concen: 0.925 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VU034111.D
Acq: 30 Aug 2019 20:09

Tgt Ion: 56 Resp: 9231
Ion Ratio Lower Upper
56 100
69 189.6 25.4 38.0#
84 165.3 65.8 98.8#





#33

1,2-Dichloroethane-d4

Concen: 46.340 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

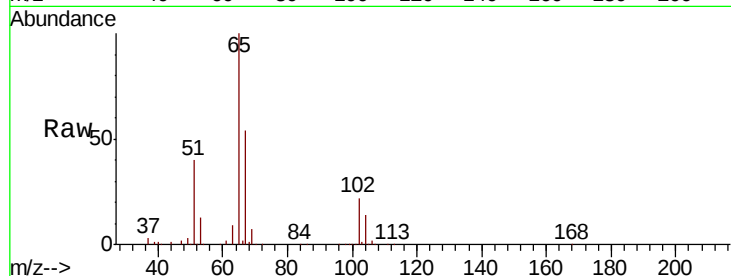
SU-01-082819

Tgt Ion: 65 Resp: 309651

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034111.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034111.D (-1289) (-)

5.29

150000

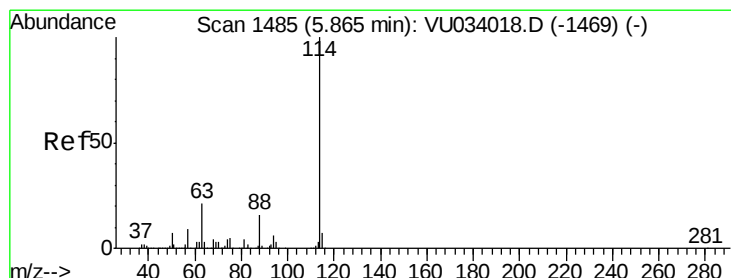
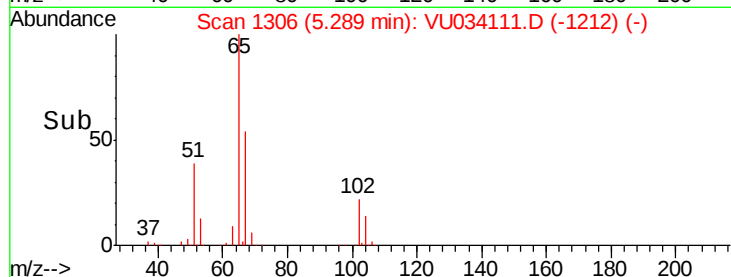
100000

50000

0

5.20 5.30 5.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

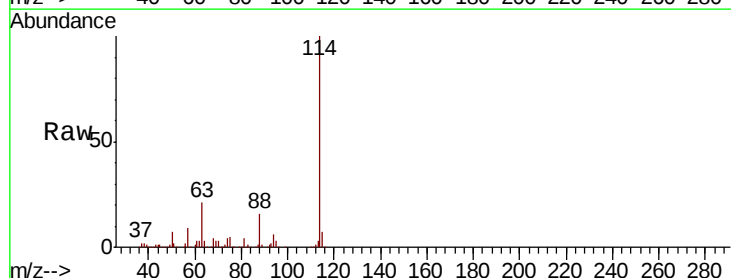
Tgt Ion: 114 Resp: 834731

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.0

88 15.8 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU034111.D (-1392) (-)

Ion 63.00 (62.70 to 63.70): VU034111.D (-1392) (-)

Ion 87.90 (87.60 to 88.60): VU034111.D (-1392) (-)

5.87

500000

400000

300000

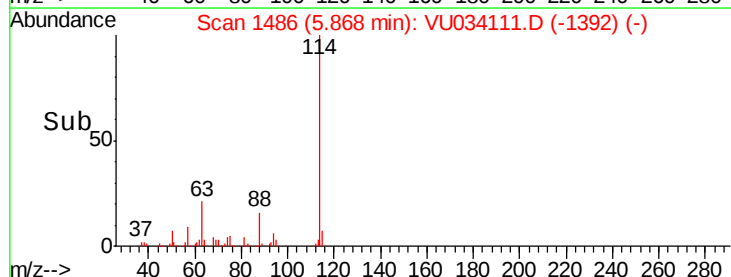
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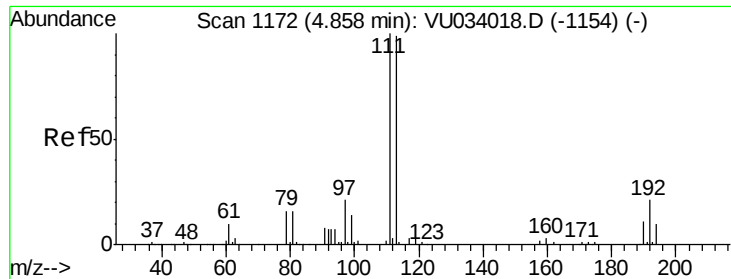
100000

0

5.70 5.80 5.90 6.00 6.10

Time-->

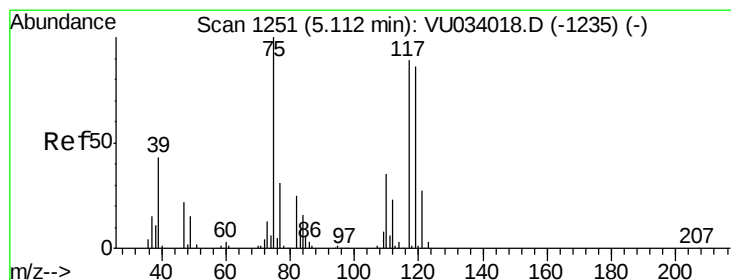
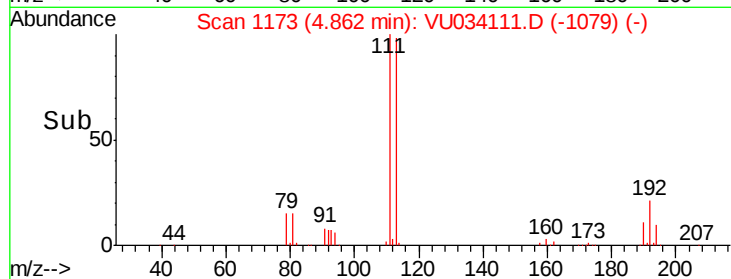
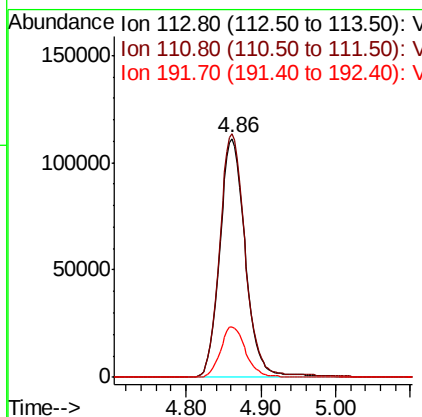
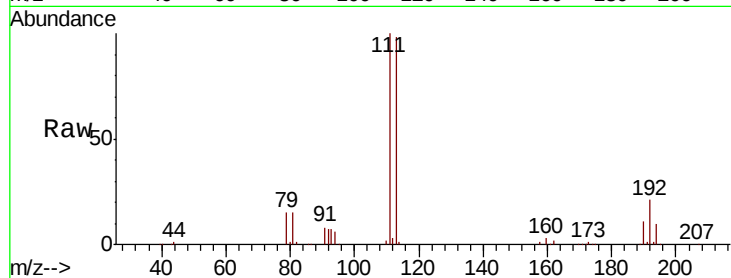




#35
 Dibromofluoromethane
 Concen: 45.411 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034111.D
 Acq: 30 Aug 2019 20:09

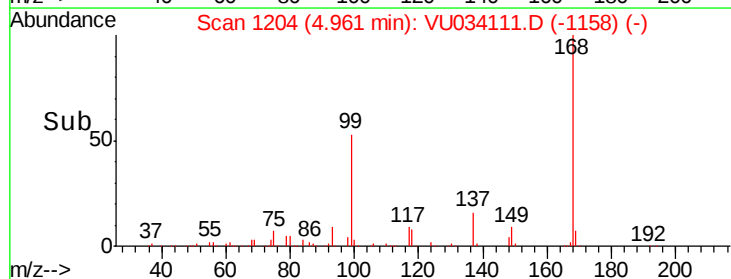
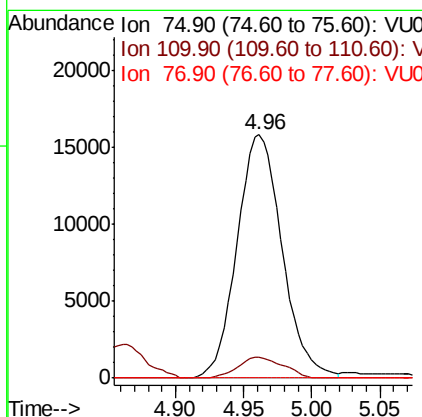
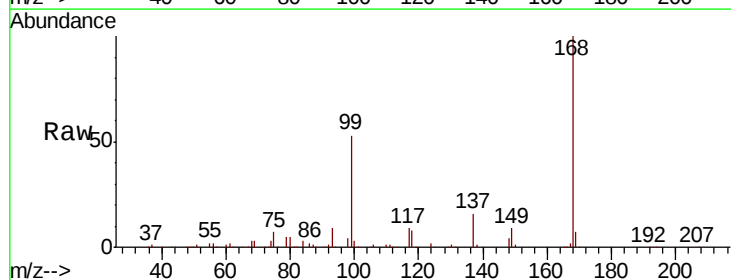
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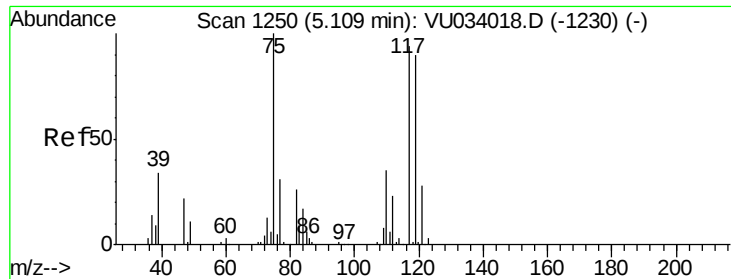
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.7	122.5
192	20.9	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 4.618 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034111.D
 Acq: 30 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.8	53.5#
77	0.0	25.0	37.4#

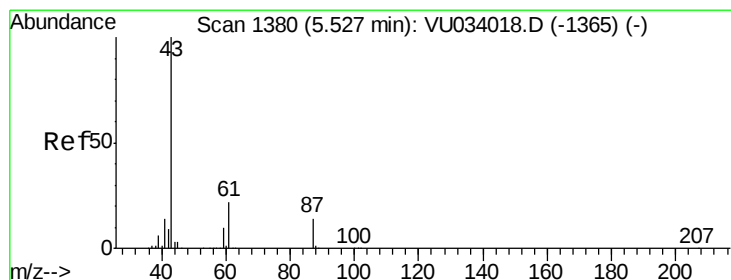
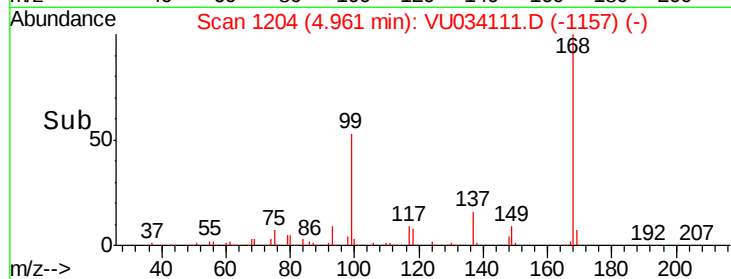
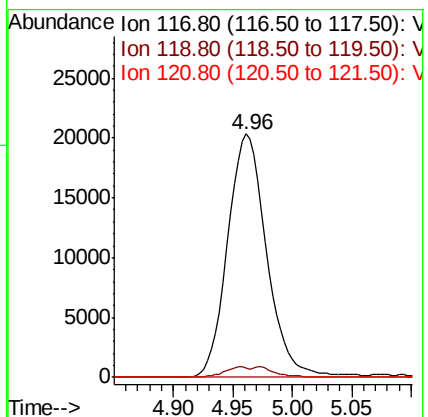
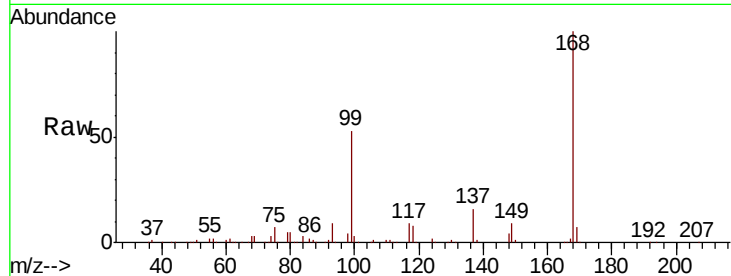




#38
 Carbon Tetrachloride
 Concen: 6.051 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034111.D
 Acq: 30 Aug 2019 20:09

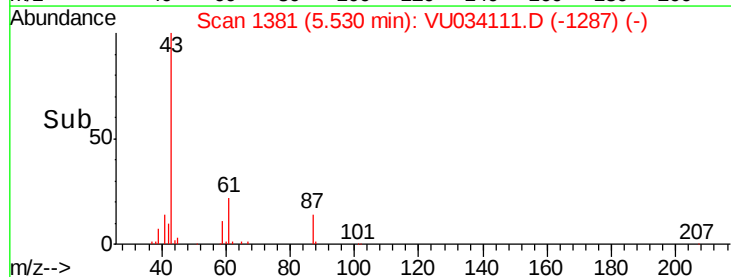
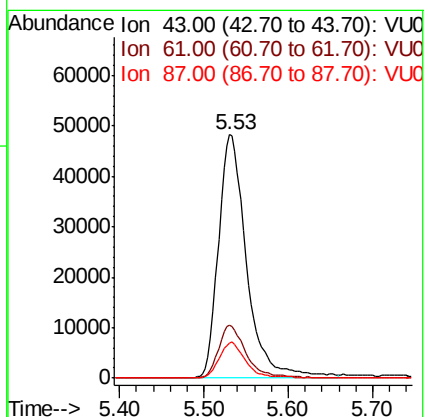
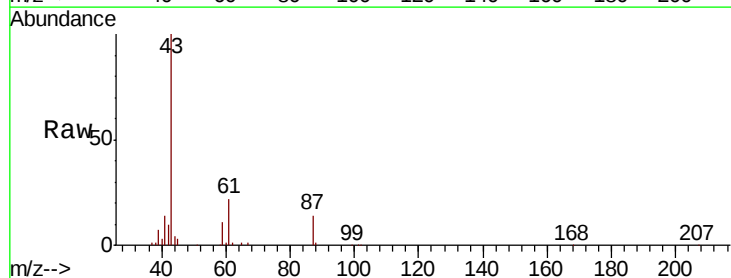
Instrument :
 MSVOA_U
 ClientSampleId :
 SU-01-082819

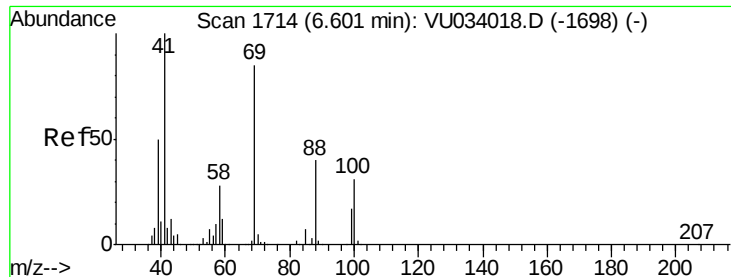
Tgt Ion: 117 Resp: 46115
 Ion Ratio Lower Upper
 117 100
 119 3.8 77.0 115.4#
 121 0.0 23.9 35.9#



#43
 Isopropyl Acetate
 Concen: 8.327 ug/l
 RT: 5.53 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VU034111.D
 Acq: 30 Aug 2019 20:09

Tgt Ion: 43 Resp: 112010
 Ion Ratio Lower Upper
 43 100
 61 21.0 17.2 25.8
 87 13.9 10.8 16.2

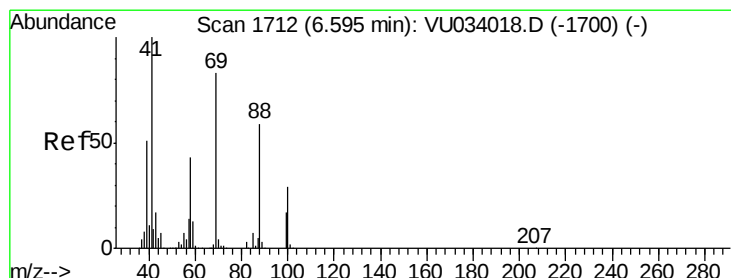
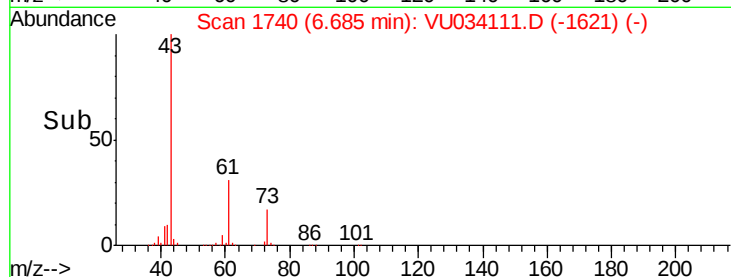
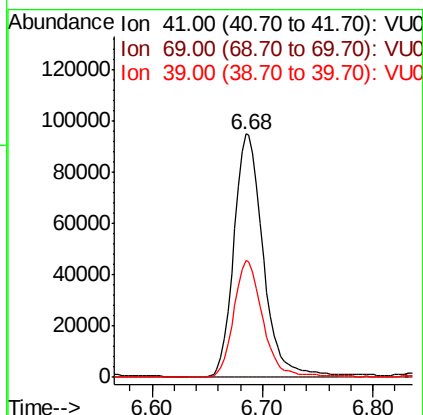
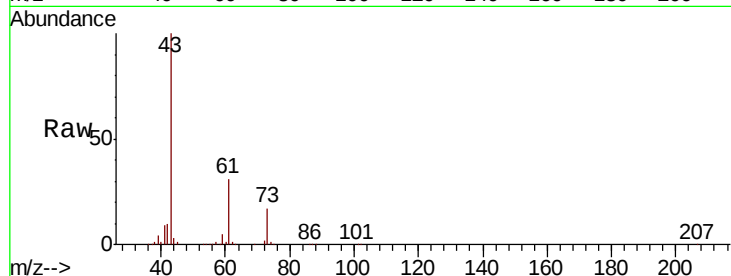




#48
Methyl methacrylate
Concen: 26.778 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.08 min
Lab File: VU034111.D
Acq: 30 Aug 2019 20:09

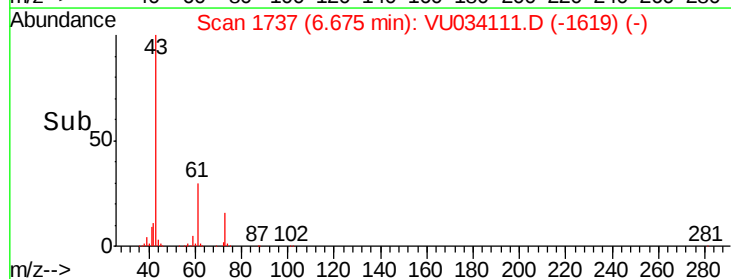
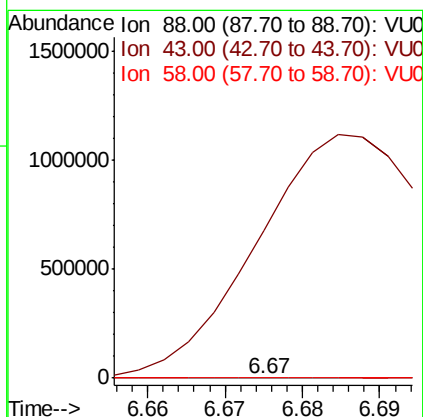
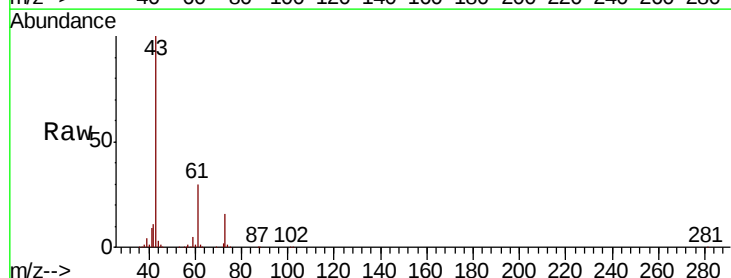
Instrument :
MSVOA_U
ClientSampleId :
SU-01-082819

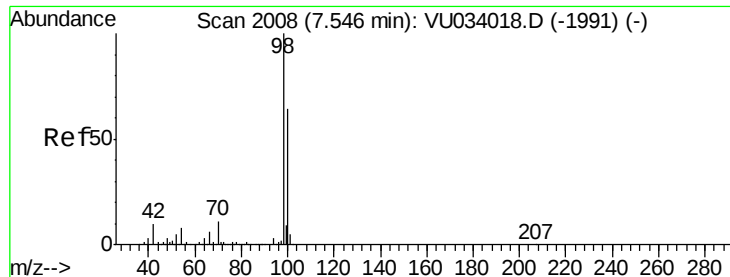
Tgt Ion: 41 Resp: 173809
Ion Ratio Lower Upper
41 100
69 0.2 69.5 104.3#
39 48.3 40.3 60.5



#49
1,4-Dioxane
Concen: 0.775 ug/l
RT: 6.67 min Scan# 1737
Delta R.T. 0.08 min
Lab File: VU034111.D
Acq: 30 Aug 2019 20:09

Tgt Ion: 88 Resp: 126
Ion Ratio Lower Upper
88 100
43 0.0 24.8 37.2#
58 0.0 59.3 88.9#





#50

Toluene-d8

Concen: 48.295 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

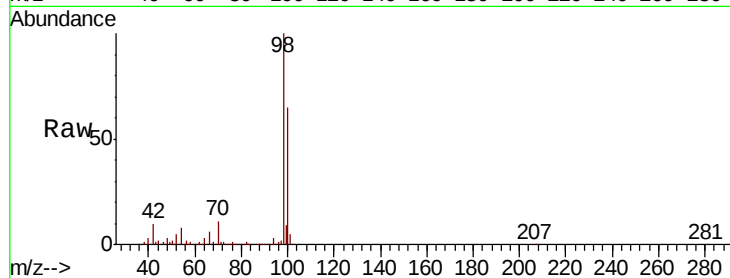
SU-01-082819

Tgt Ion: 98 Resp: 1046971

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034111.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034111.D (-1915) (-)

7.55

600000

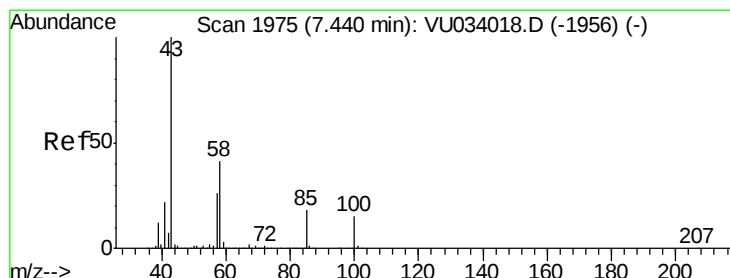
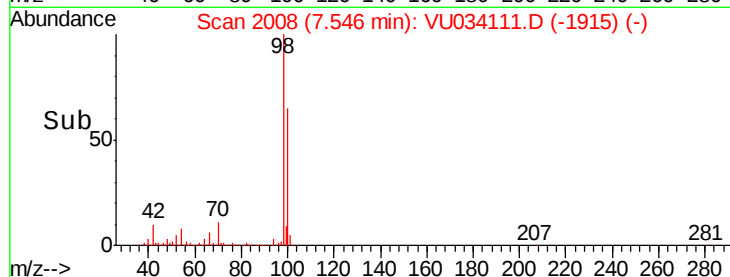
400000

200000

0

7.50 7.60 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 11.263 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. -0.04 min

Lab File: VU034111.D

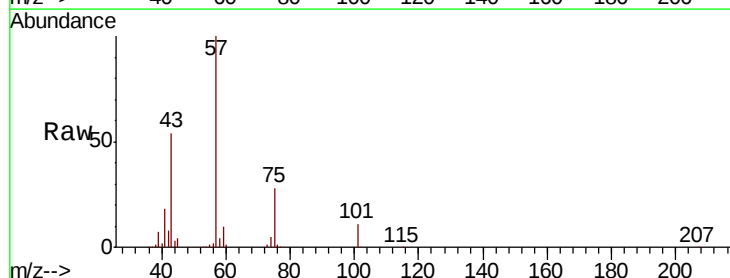
Acq: 30 Aug 2019 20:09

Tgt Ion: 43 Resp: 104628

Ion Ratio Lower Upper

43 100

58 6.2 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VU034111.D (-1882) (-)

Ion 58.00 (57.70 to 58.70): VU034111.D (-1882) (-)

7.40

60000

50000

40000

30000

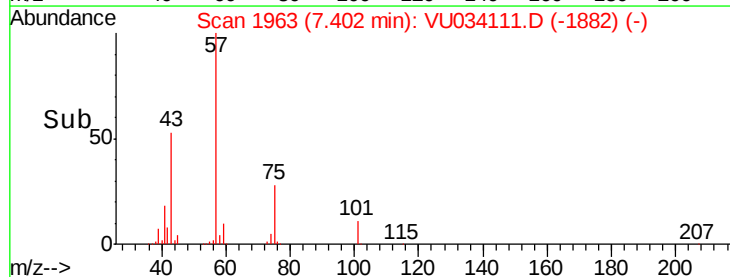
20000

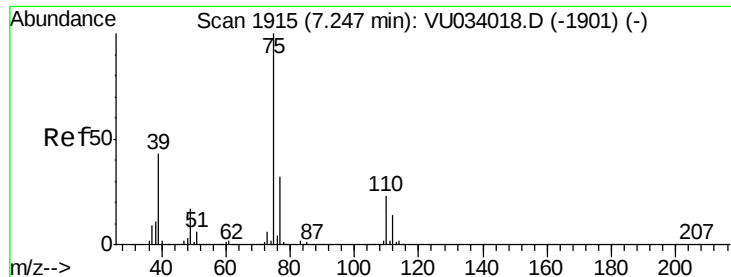
10000

0

7.30 7.40 7.50

Time-->



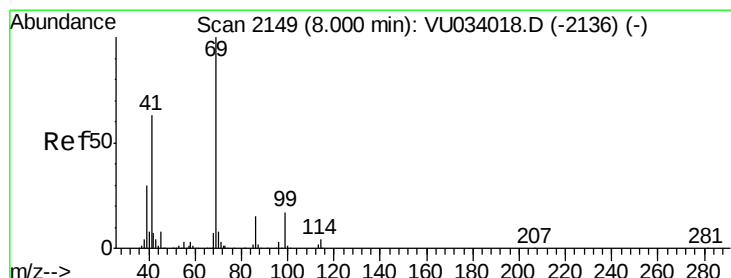
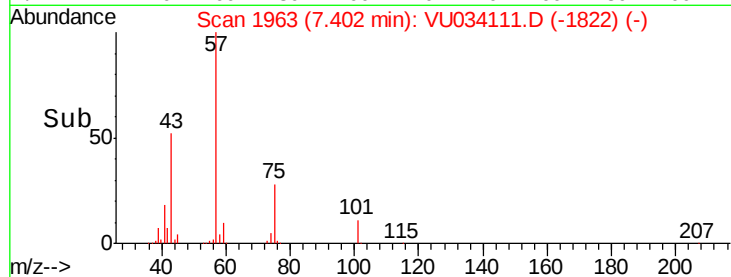
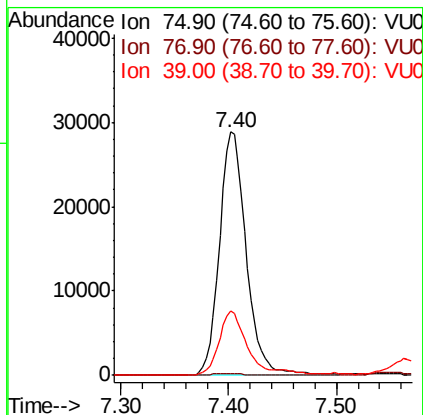
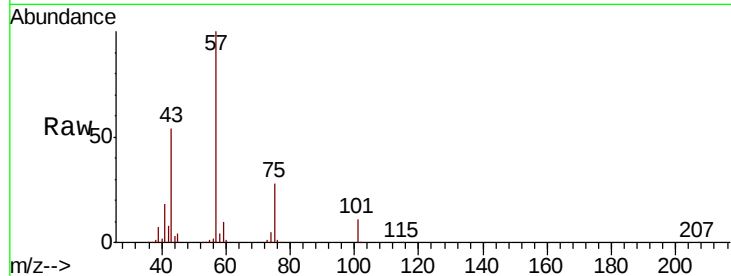


#54

cis-1,3-Dichloropropene
 Concen: 4.970 ug/l
 RT: 7.40 min Scan# 1963
 Delta R.T. 0.15 min
 Lab File: VU034111.D
 Acq: 30 Aug 2019 20:09

Instrument :
 MSVOA_U
 ClientSampleId :
 SU-01-082819

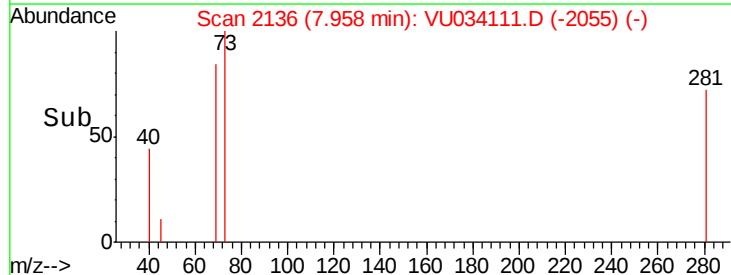
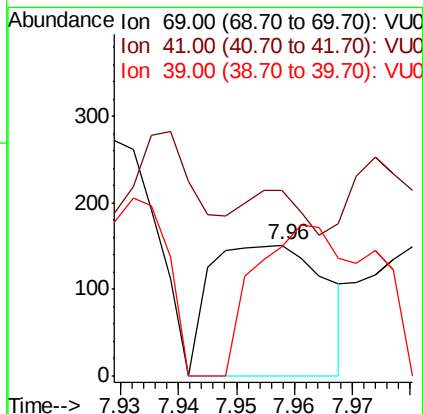
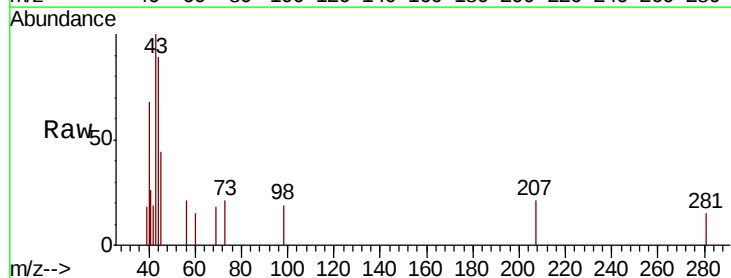
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.2	37.8#
39	26.3	34.6	51.8#

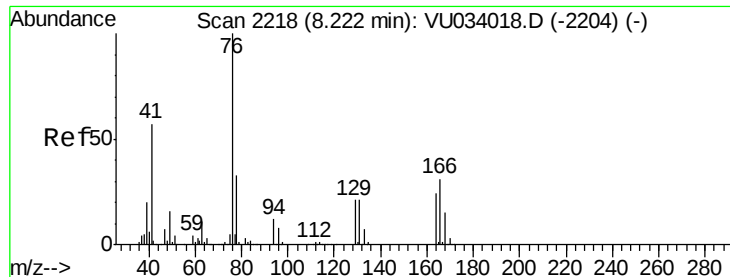


#56

Ethyl methacrylate
 Concen: 0.991 ug/l
 RT: 7.96 min Scan# 2136
 Delta R.T. -0.04 min
 Lab File: VU034111.D
 Acq: 30 Aug 2019 20:09

Tgt Ion	Ratio	Lower	Upper
69	100		
41	0.0	50.7	76.1#
39	0.0	24.2	36.2#





#57

1,3-Dichloropropane

Concen: 0.856 ug/l

RT: 8.40 min Scan# 2273

Delta R.T. 0.18 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

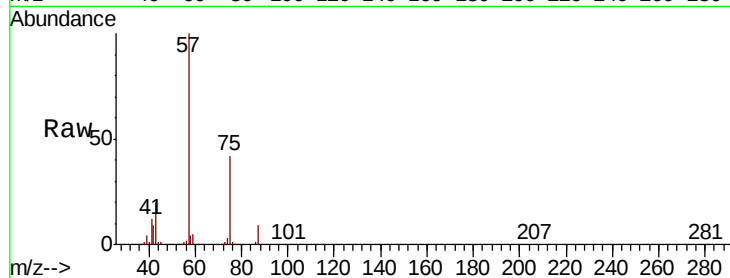
SU-01-082819

Tgt Ion: 76 Resp: 9052

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.4#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

8.40

6000

5000

4000

3000

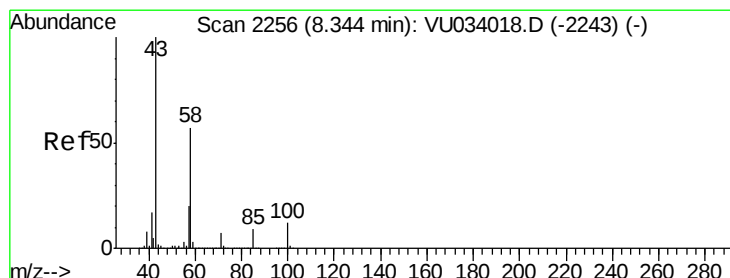
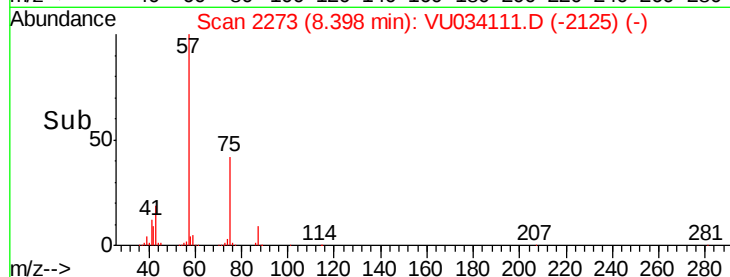
2000

1000

0

8.35 8.40 8.45

Time-->



#59

2-Hexanone

Concen: 17.527 ug/l

RT: 8.40 min Scan# 2273

Delta R.T. 0.05 min

Lab File: VU034111.D

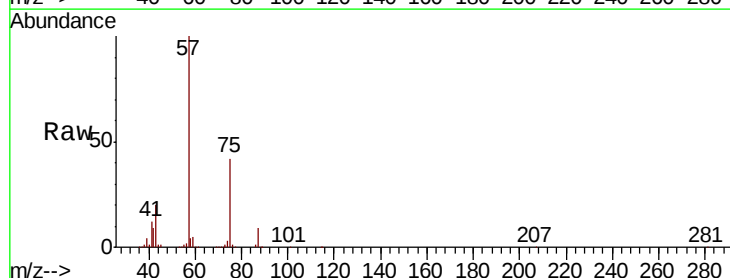
Acq: 30 Aug 2019 20:09

Tgt Ion: 43 Resp: 122913

Ion Ratio Lower Upper

43 100

58 21.0 28.4 85.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

8.40

80000

60000

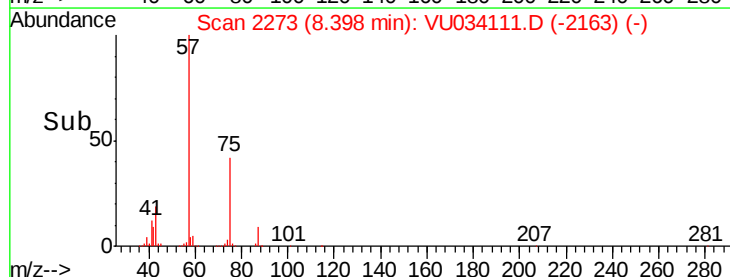
40000

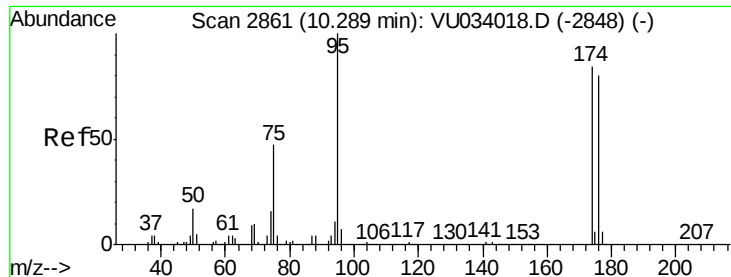
20000

0

8.35 8.40 8.45 8.50

Time-->





#62

4-Bromofluorobenzene

Concen: 44.788 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

SU-01-082819

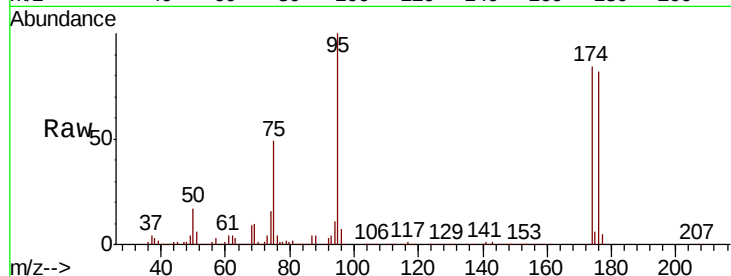
Tgt Ion: 95 Resp: 377687

Ion Ratio Lower Upper

95 100

174 84.8 0.0 168.8

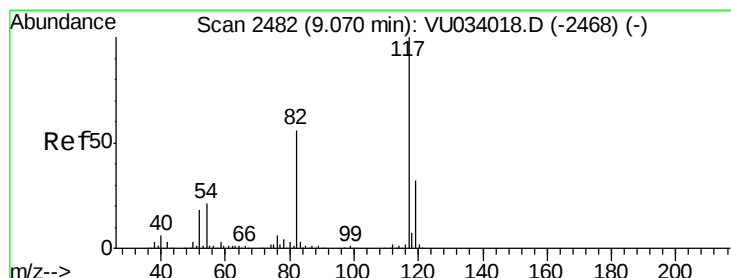
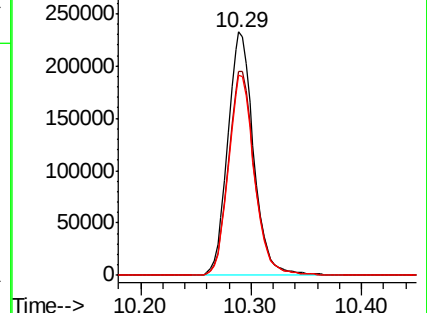
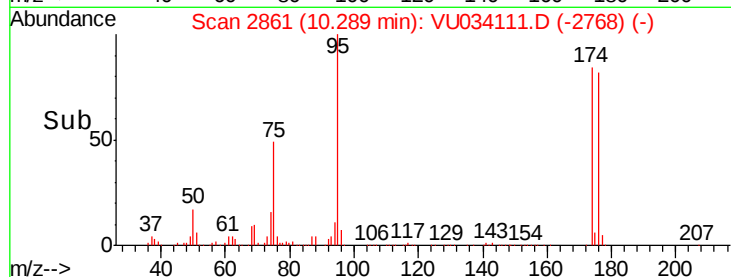
176 82.4 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034111.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034111.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034111.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

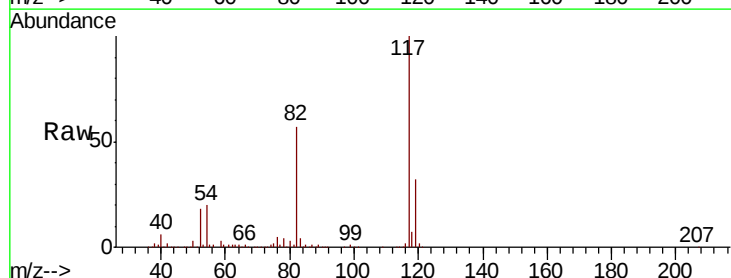
Tgt Ion: 117 Resp: 792282

Ion Ratio Lower Upper

117 100

82 56.6 45.1 67.7

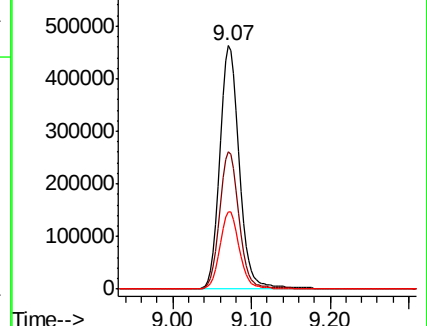
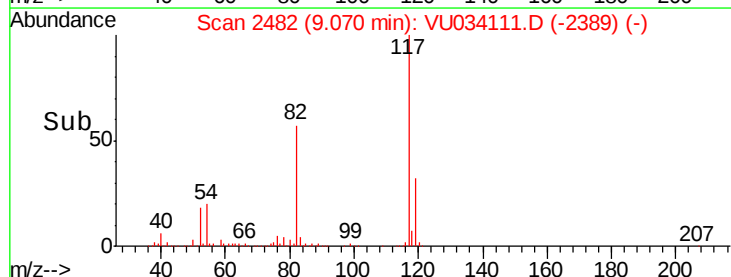
119 31.8 25.4 38.0

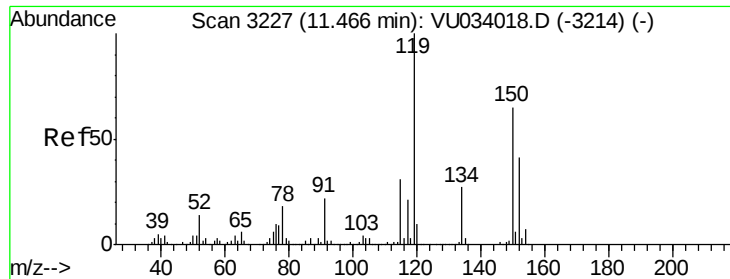


Abundance Ion 116.90 (116.60 to 117.60): VU034111.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034111.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034111.D (-2389) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

SU-01-082819

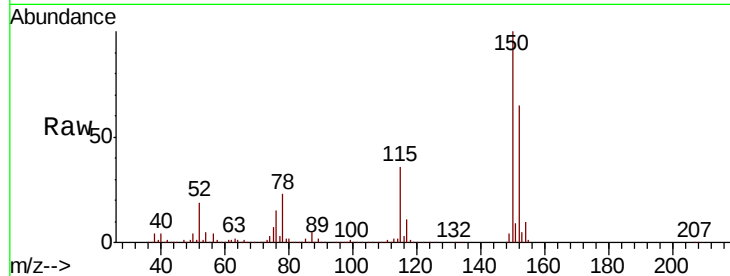
Tgt Ion:152 Resp: 402957

Ion Ratio Lower Upper

152 100

115 57.0 41.1 123.3

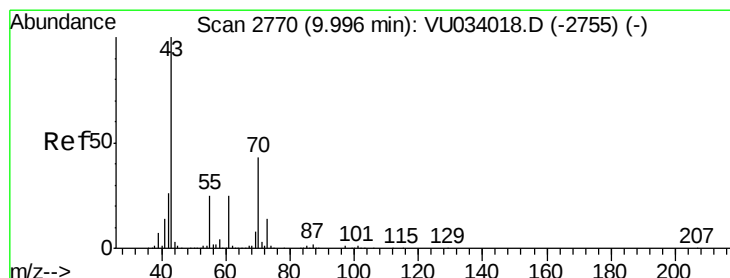
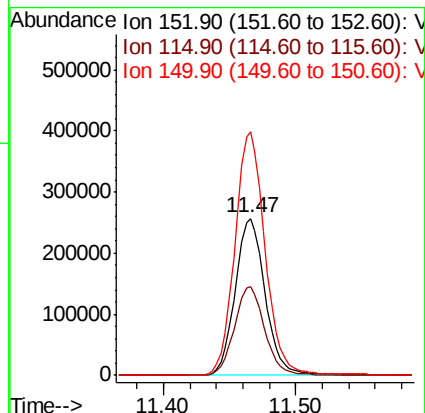
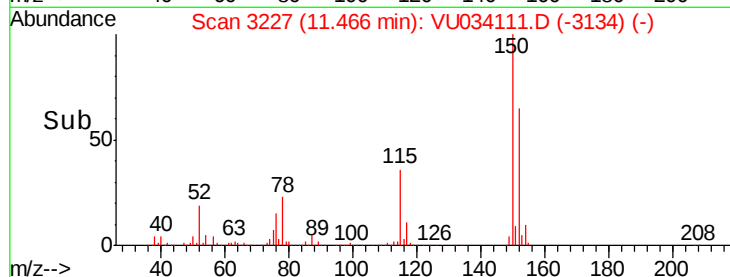
150 156.3 0.0 348.8



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



#74

N-ethyl acetate

Concen: 0.522 ug/l

RT: 9.92 min Scan# 2747

Delta R.T. -0.07 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

Tgt Ion: 43 Resp: 5939

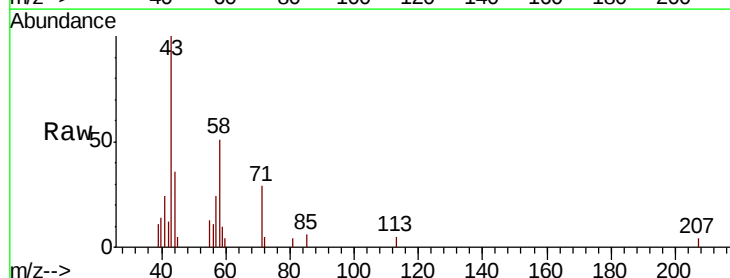
Ion Ratio Lower Upper

43 100

70 0.0 35.2 52.8#

55 7.2 20.5 30.7#

61 0.0 20.0 30.0#

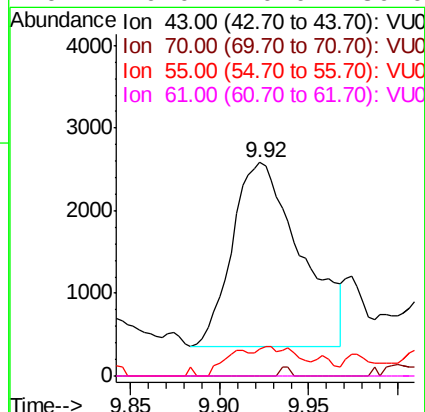
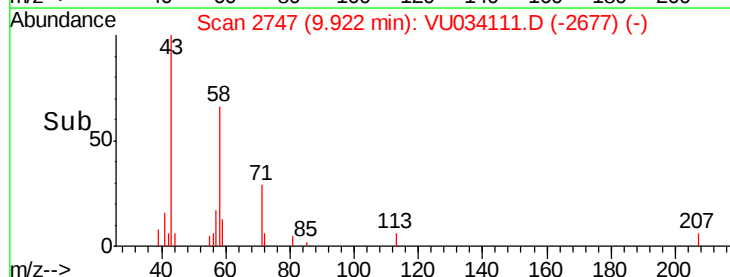


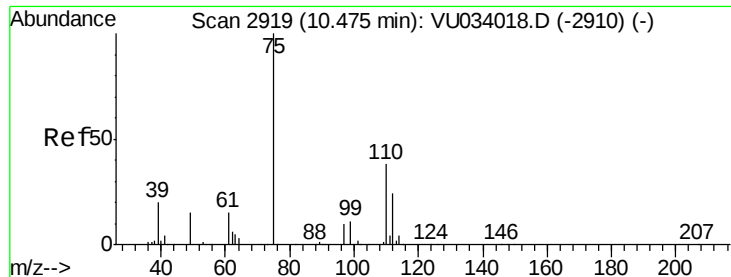
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#76

1,2,3-Trichloropropane

Concen: 20.097 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

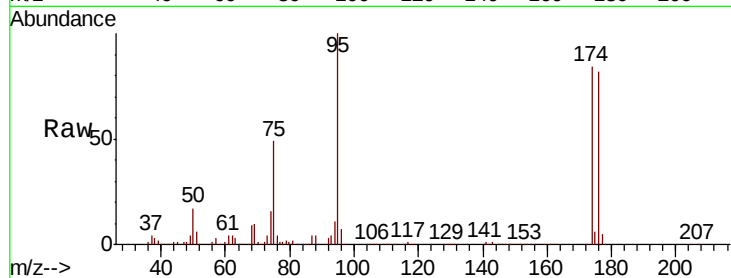
SU-01-082819

Tgt Ion: 75 Resp: 182517

Ion Ratio Lower Upper

75 100

77 1.1 20.1 60.2#



Abundance Ion 74.90 (74.60 to 75.60): VU034018.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU034018.D (-2910) (-)

10.29

120000

100000

80000

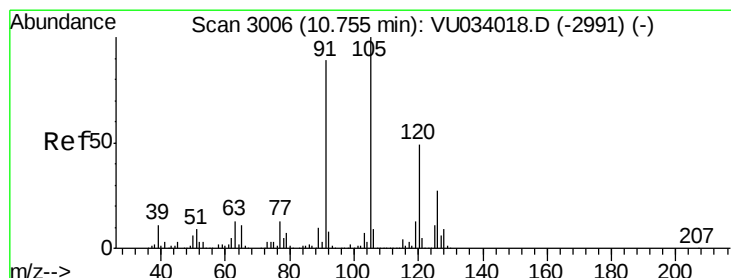
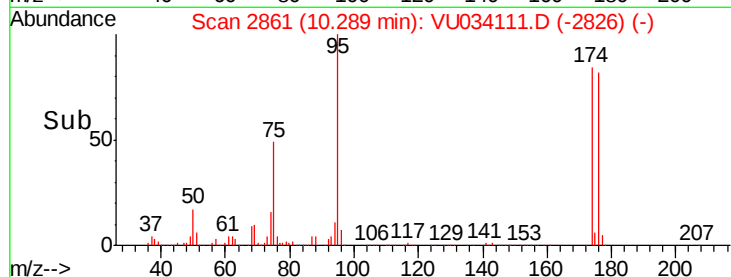
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.282 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU034111.D

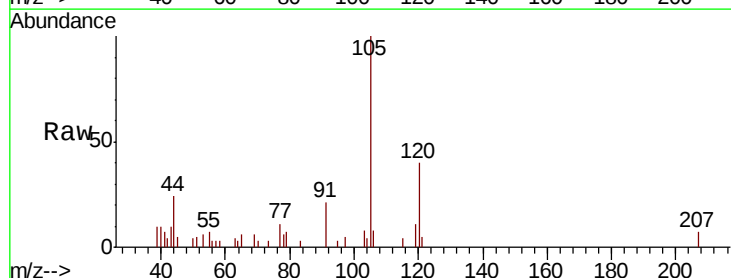
Acq: 30 Aug 2019 20:09

Tgt Ion: 105 Resp: 6475

Ion Ratio Lower Upper

105 100

120 43.5 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VU034018.D (-2991) (-)

Ion 120.00 (119.70 to 120.70): VU034018.D (-2991) (-)

10.76

4000

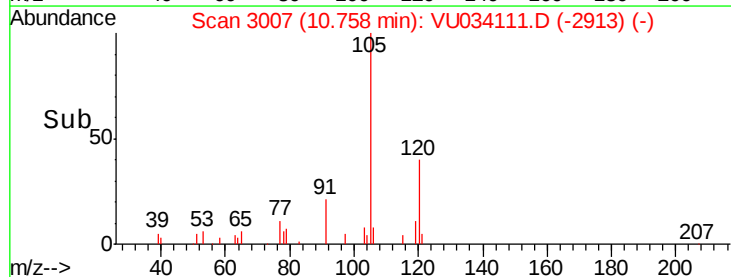
3000

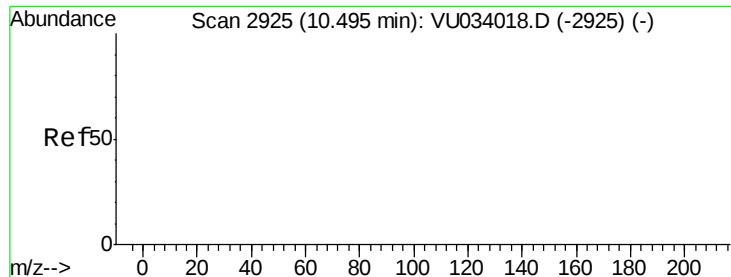
2000

1000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 67.670 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.21 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

SU-01-082819

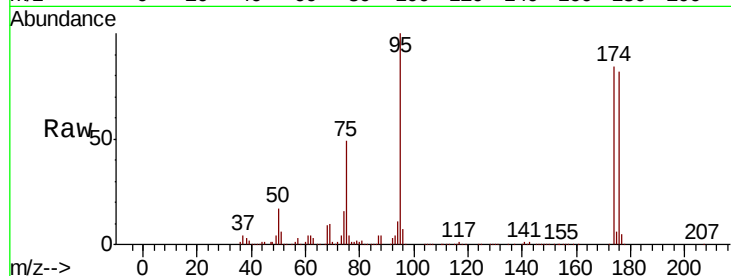
Tgt Ion: 75 Resp: 182517

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0#

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU034111.D (-2832) (-)

Ion 53.00 (52.70 to 53.70): VU034111.D (-2832) (-)

Ion 88.90 (88.60 to 89.60): VU034111.D (-2832) (-)

10.29

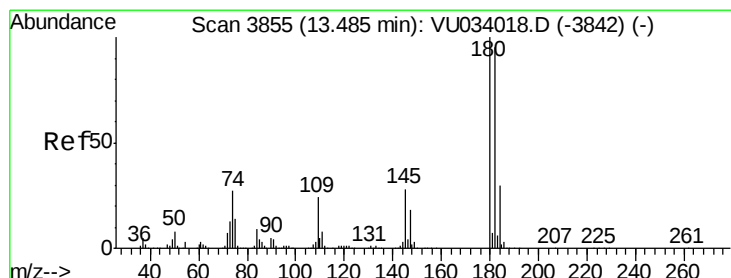
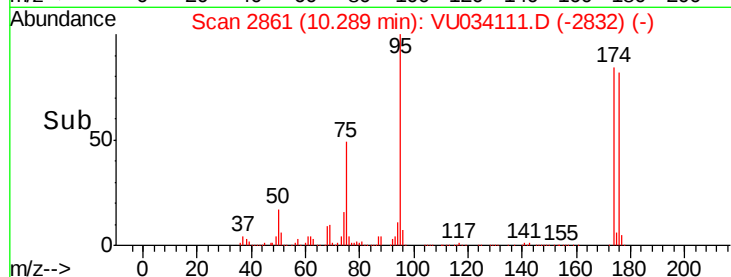
150000

100000

50000

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.119 ug/l

RT: 13.51 min Scan# 3864

Delta R.T. 0.03 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

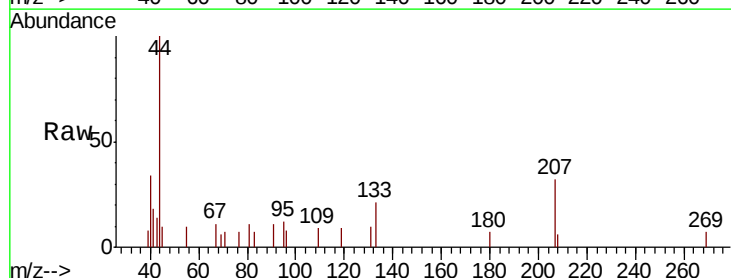
Tgt Ion: 180 Resp: 45

Ion Ratio Lower Upper

180 100

182 153.3 47.4 142.2#

145 0.0 14.1 42.3#



Abundance Ion 179.80 (179.50 to 180.50): VU034111.D (-3762) (-)

Ion 181.80 (181.50 to 182.50): VU034111.D (-3762) (-)

Ion 144.80 (144.50 to 145.50): VU034111.D (-3762) (-)

13.51

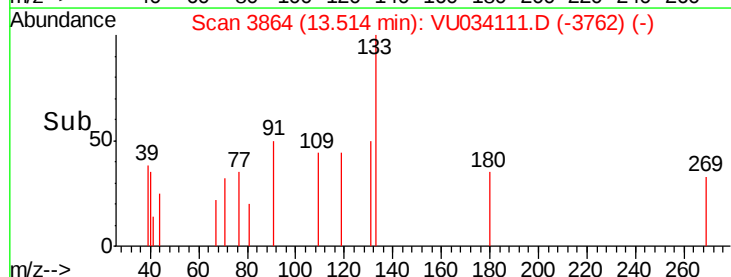
150

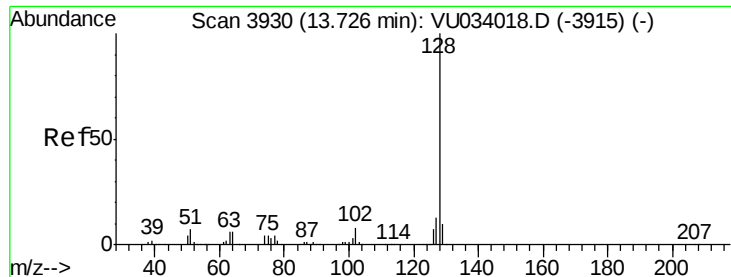
100

50

0

Time-->





#95

Naphthalene

Concen: 2.287 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. 0.01 min

Lab File: VU034111.D

Acq: 30 Aug 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

SU-01-082819

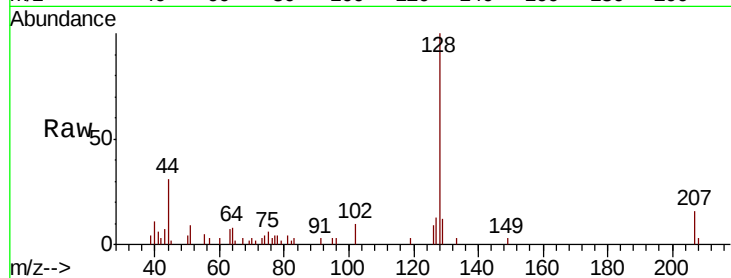
Tgt Ion:128 Resp: 12960

Ion Ratio Lower Upper

128 100

127 4.8 10.2 15.4#

129 10.0 8.4 12.6



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

