

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034060.D
 Acq On : 29 Aug 2019 14:31
 Operator : JC/SP
 Sample : K4528-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

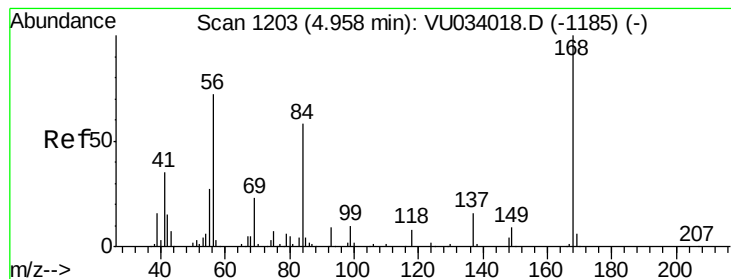
Quant Time: Aug 29 15:55:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	455483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	727514	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	724699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	348194	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	290365	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
35) Dibromofluoromethane	4.86	113	239898	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	7.55	98	949578	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	10.29	95	328533	44.70	ug/l	0.00
Spiked Amount			Recovery	=	89.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1145	Below Cal		93
5) Bromomethane	1.63	94	1185	Below Cal		92
8) Diethyl Ether	2.10	74	726	0.240	ug/l	85
11) Tert butyl alcohol	2.83	59	3964	2.945	ug/l #	76
13) Acrolein	2.19	56	265	0.468	ug/l #	1
16) Acetone	2.31	43	32134	10.791	ug/l	96
17) Carbon Disulfide	2.47	76	3175	0.220	ug/l #	79
18) Methyl Acetate	2.61	43	4023	0.523	ug/l	93
20) Methylene Chloride	2.69	84	16645	2.953	ug/l	96
29) Tetrahydrofuran	4.64	42	1046	0.409	ug/l #	75
31) Cyclohexane	4.96	56	8159	0.936	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	32933	4.786	ug/l #	49
38) Carbon Tetrachloride	4.96	117	41822	6.296	ug/l #	17
41) Methacrylonitrile	4.64	41	796	0.201	ug/l #	36
43) Isopropyl Acetate	5.53	43	85507	7.294	ug/l	98
48) Methyl methacrylate	6.68	41	136628	24.152	ug/l #	40
49) 1,4-Dioxane	6.59	88	108	0.762	ug/l #	22
51) 4-Methyl-2-Pentanone	7.40	43	75508	9.326	ug/l #	47
54) cis-1,3-Dichloropropene	7.40	75	39538	4.515	ug/l #	62
56) Ethyl methacrylate	8.00	69	73	0.979	ug/l #	27
59) 2-Hexanone	8.29	43	91745	15.011	ug/l #	23
76) 1,2,3-Trichloropropane	10.29	75	157792	20.107	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	157792	67.705	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.51	180	1872	1.355	ug/l #	80
94) Hexachlorobutadiene	13.68	225	1097	0.263	ug/l	95
95) Naphthalene	13.75	128	6788	2.091	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.98	180	3436	0.503	ug/l #	78

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

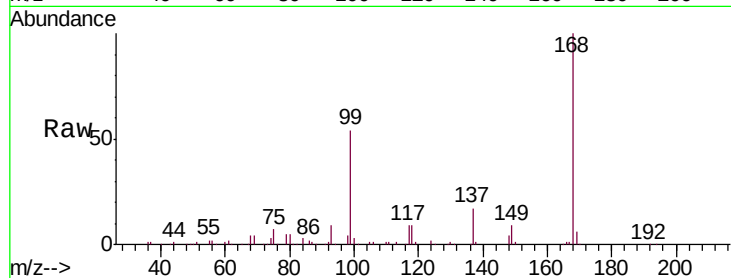
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 455483

Ion Ratio Lower Upper

168 100

99 54.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

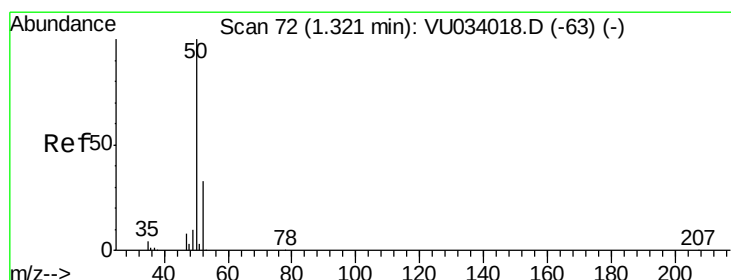
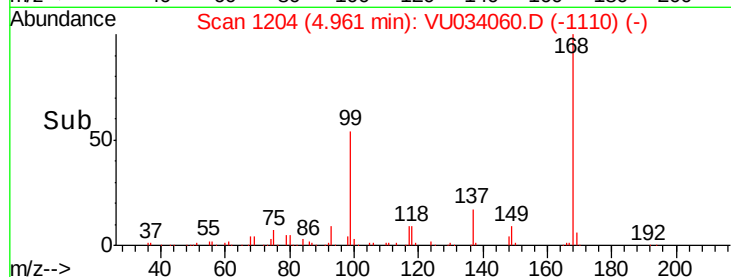
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034060.D

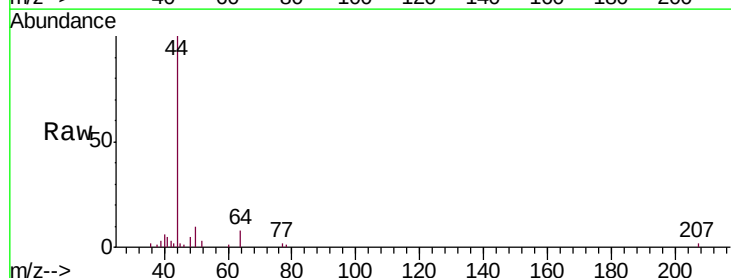
Acq: 29 Aug 2019 14:31

Tgt Ion: 50 Resp: 1145

Ion Ratio Lower Upper

50 100

52 28.7 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU034018.D (-63) (-)

Ion 51.90 (51.60 to 52.60): VU034018.D (-63) (-)

1.32

1000

800

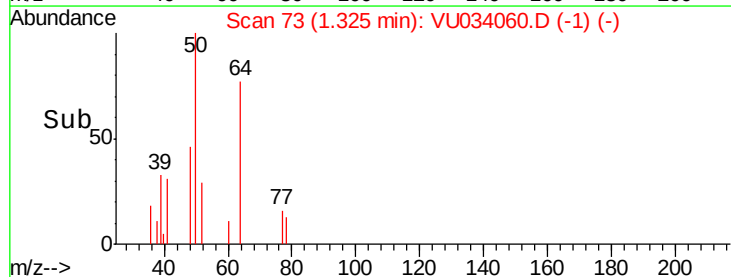
600

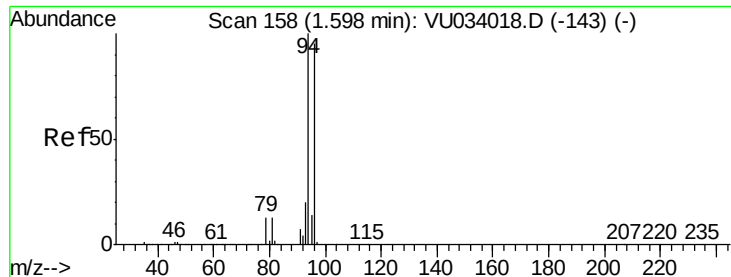
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 168

Delta R.T. 0.03 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

Instrument :

MSVOA_U

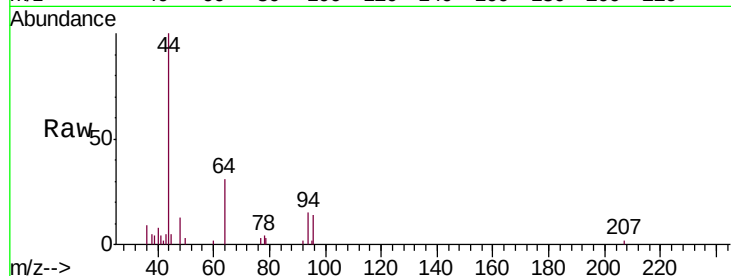
ClientSampleId :

Tot Ion: 94 Resp: 1185

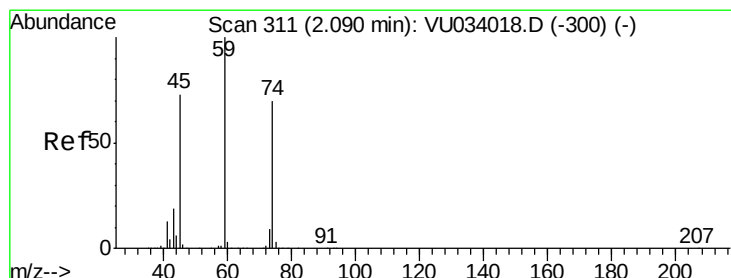
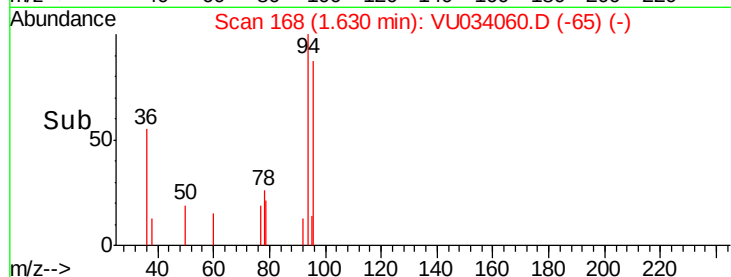
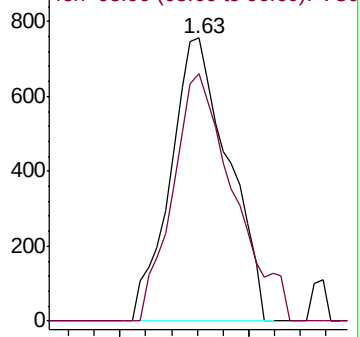
Ion Ratio Lower Upper

94 100

96 87.3 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034018.D (-143) (-)



#8

Diethyl Ether

Concen: 0.240 ug/l

RT: 2.10 min Scan# 313

Delta R.T. 0.01 min

Lab File: VU034060.D

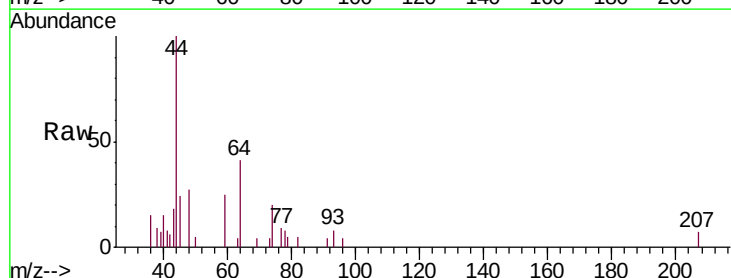
Acq: 29 Aug 2019 14:31

Tgt Ion: 74 Resp: 726

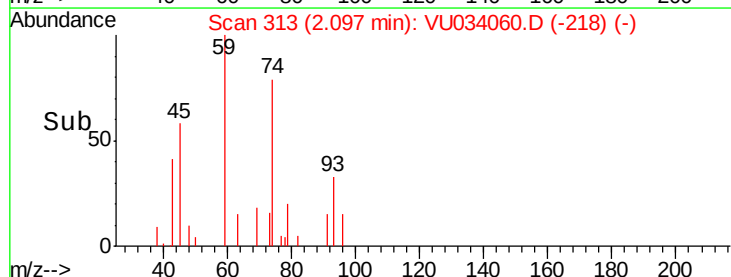
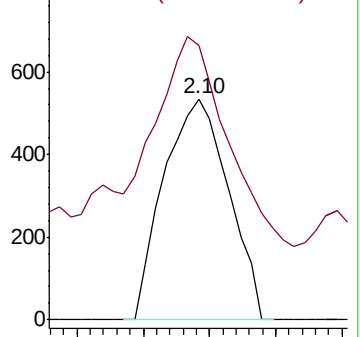
Ion Ratio Lower Upper

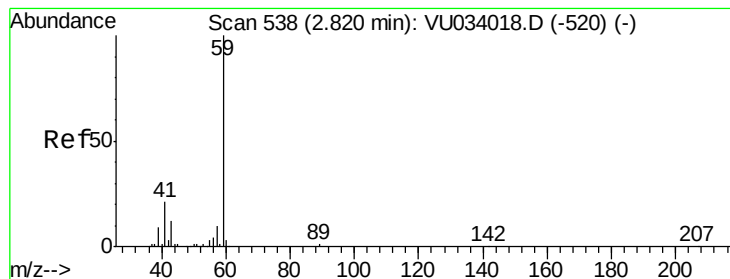
74 100

45 119.3 51.8 155.5



Abundance Ion 74.00 (73.70 to 74.70): VU034018.D (-300) (-)





#11

Tert butyl alcohol

Concen: 2.945 ug/l

RT: 2.83 min Scan# 540

Delta R.T. 0.01 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

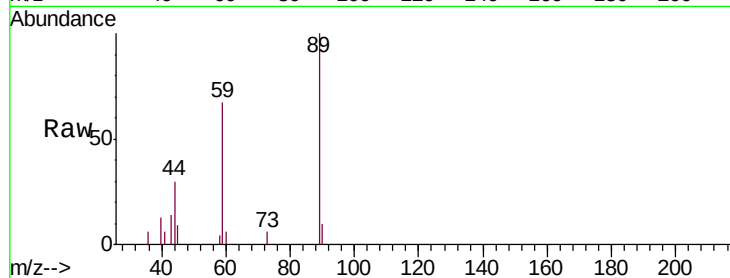
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 59 Resp: 3964

Ion Ratio Lower Upper

59 100

57 1.1 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU034060.D (-445) (-)

Ion 57.00 (56.70 to 57.70): VU034060.D (-445) (-)

2.83

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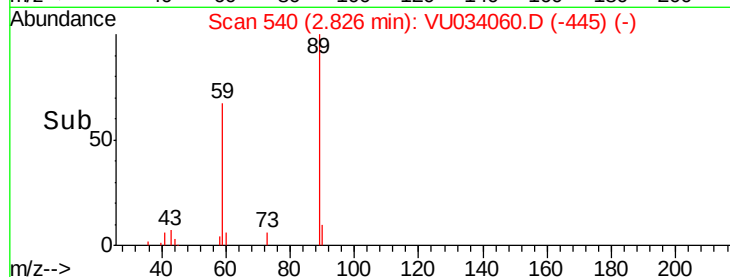
2.83

2.83

2.83

2.83

2.83



#13

Acrolein

Concen: 0.468 ug/l

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VU034060.D

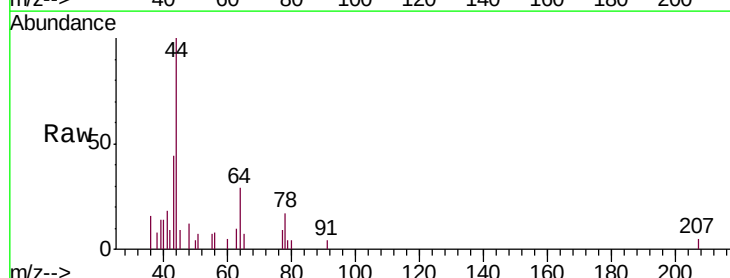
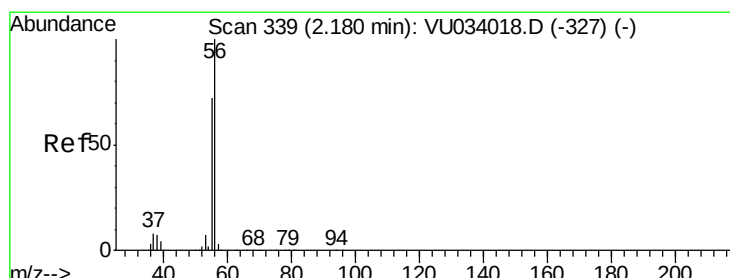
Acq: 29 Aug 2019 14:31

Tgt Ion: 56 Resp: 265

Ion Ratio Lower Upper

56 100

55 168.7 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VU034060.D (-246) (-)

Ion 55.00 (54.70 to 55.70): VU034060.D (-246) (-)

2.19

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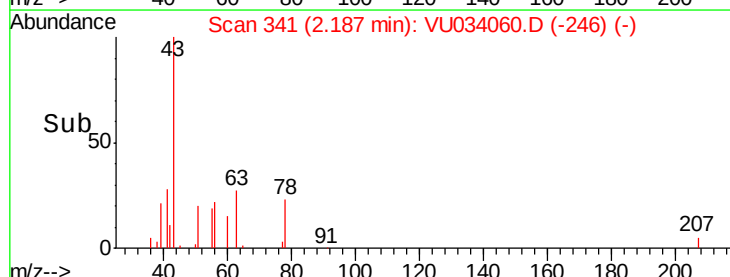
2.19

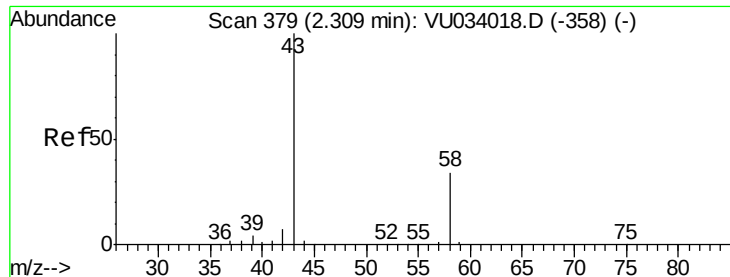
2.19

2.19

2.19

2.19





#16

Acetone

Concen: 10.791 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

Instrument :

MSVOA_U

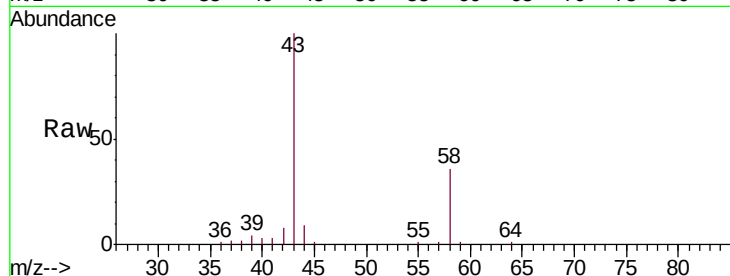
ClientSampleId :

Tot Ion: 43 Resp: 32134

Ion Ratio Lower Upper

43 100

58 35.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-358) (-)

20000

15000

10000

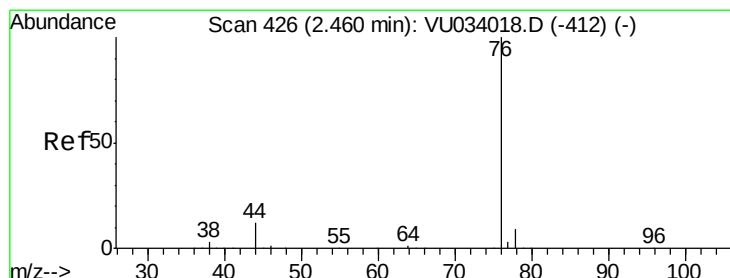
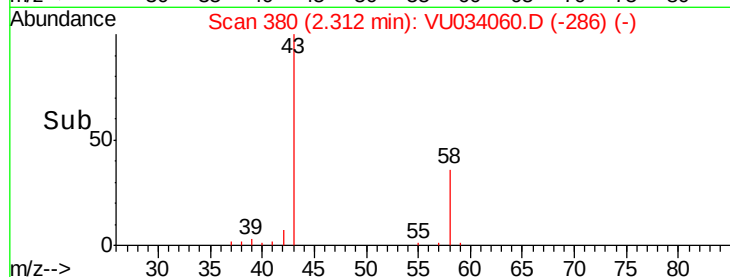
5000

0

Time-->

2.20 2.25 2.30 2.35 2.40

2.31



#17

Carbon Disulfide

Concen: 0.220 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

Lab File: VU034060.D

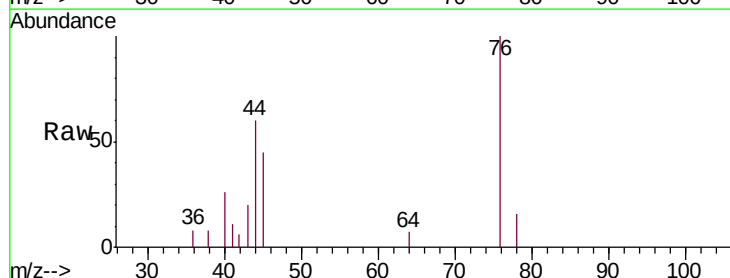
Acq: 29 Aug 2019 14:31

Tgt Ion: 76 Resp: 3175

Ion Ratio Lower Upper

76 100

78 16.3 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VU034018.D (-412) (-)

Ion 77.90 (77.60 to 78.60): VU034018.D (-412) (-)

2000

1500

1000

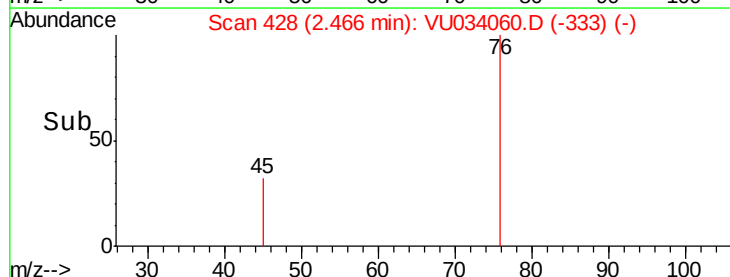
500

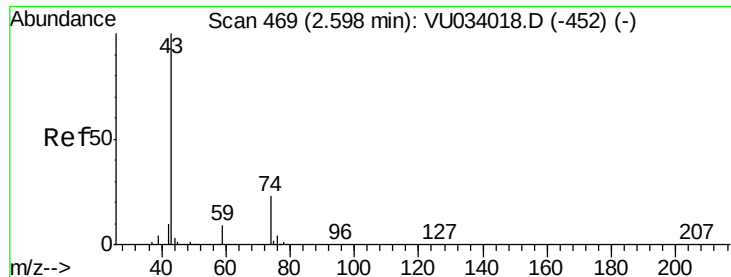
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Time-->

2.45 2.50

2.47

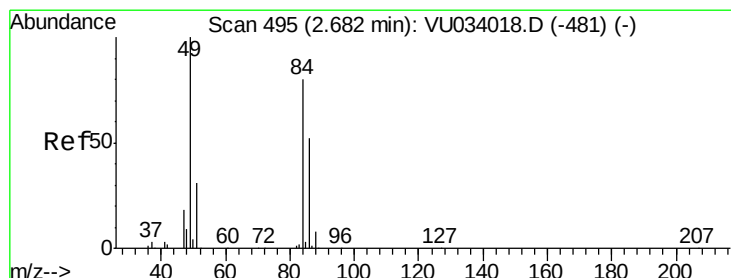
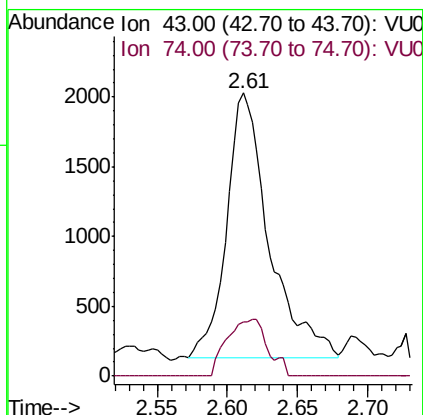
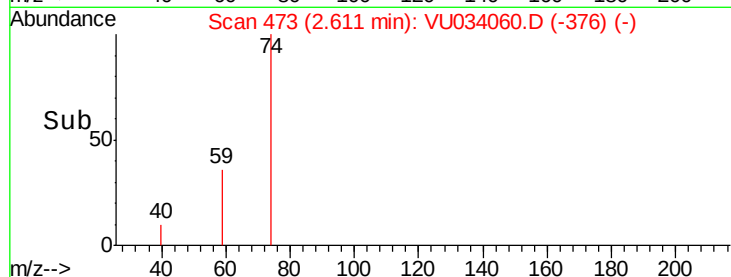
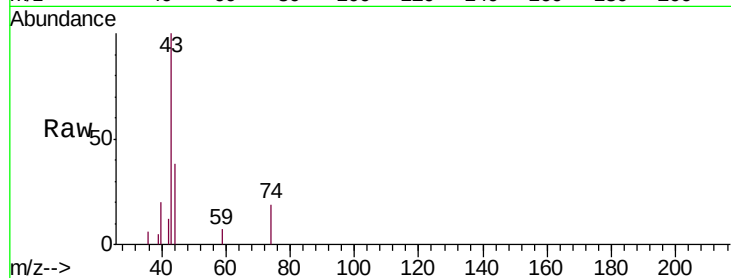




#18
Methyl Acetate
Concen: 0.523 ug/l
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU034060.D
Acq: 29 Aug 2019 14:31

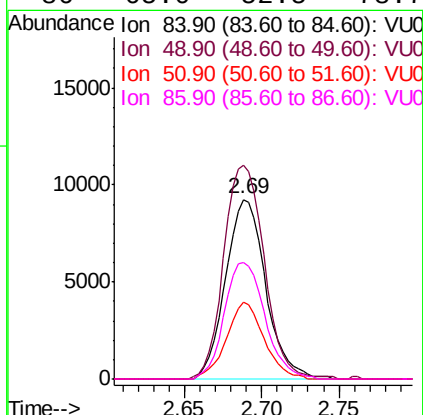
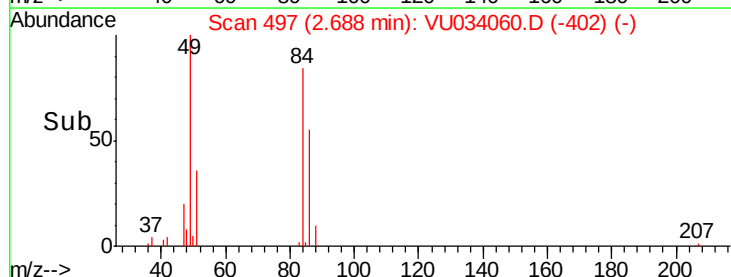
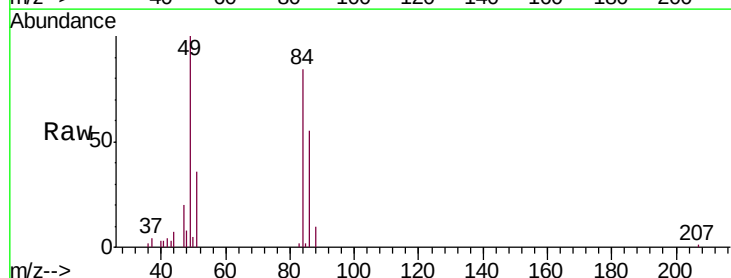
Instrument :
MSVOA_U
ClientSampleId :

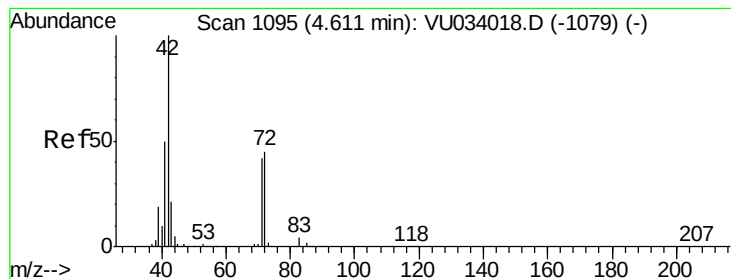
Tot Ion: 43 Resp: 4023
Ion Ratio Lower Upper
43 100
74 20.5 19.2 28.8



#20
Methylene Chloride
Concen: 2.953 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034060.D
Acq: 29 Aug 2019 14:31

Tgt Ion: 84 Resp: 16645
Ion Ratio Lower Upper
84 100
49 118.8 100.2 150.4
51 42.5 30.8 46.2
86 65.0 52.5 78.7





#29

Tetrahydrofuran

Concen: 0.409 ug/l

RT: 4.64 min Scan# 1105

Delta R.T. 0.03 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

Instrument :

MSVOA_U

ClientSampled :

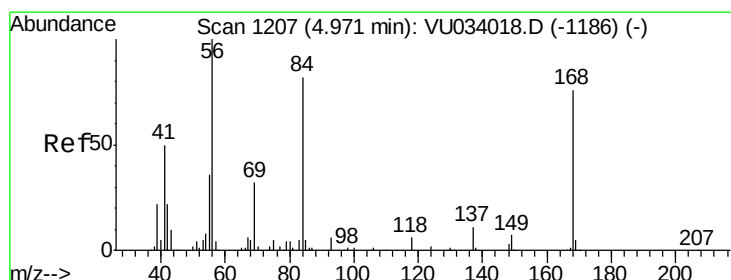
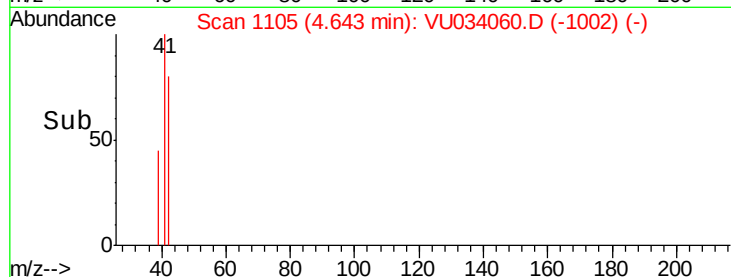
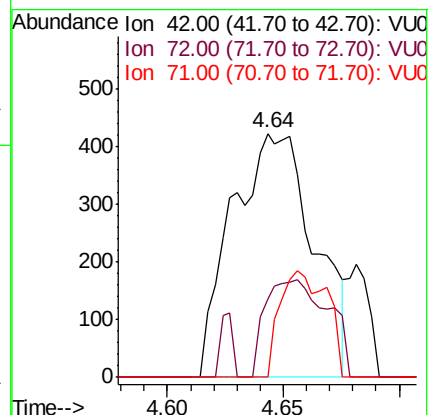
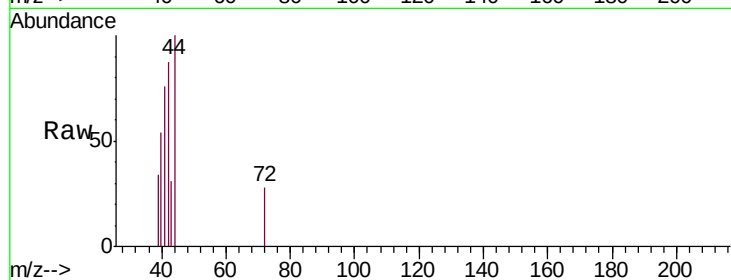
Tot Ion: 42 Resp: 1046

Ion Ratio Lower Upper

42 100

72 30.4 35.8 53.6#

71 24.7 34.0 51.0#



#31

Cyclohexane

Concen: 0.936 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.01 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

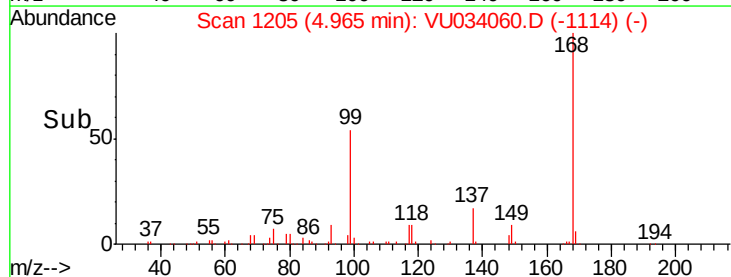
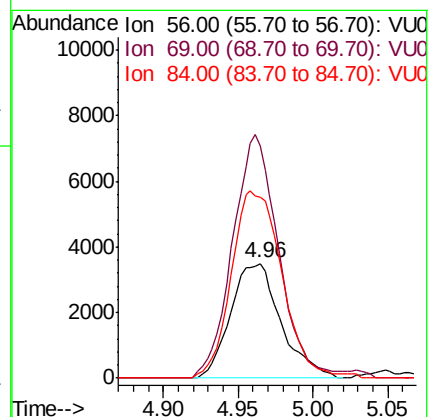
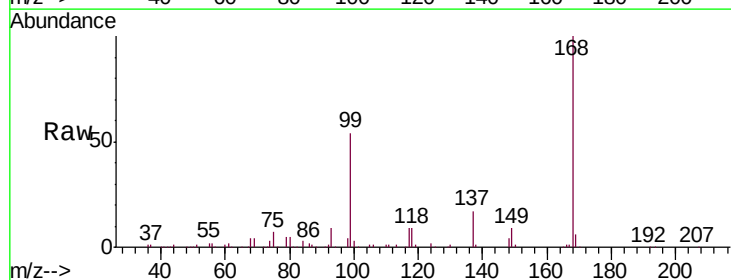
Tgt Ion: 56 Resp: 8159

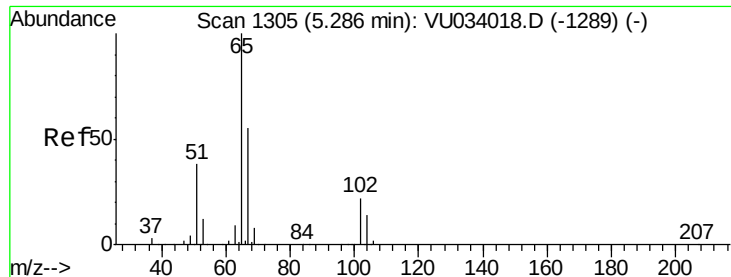
Ion Ratio Lower Upper

56 100

69 201.7 25.4 38.0#

84 157.5 65.8 98.8#

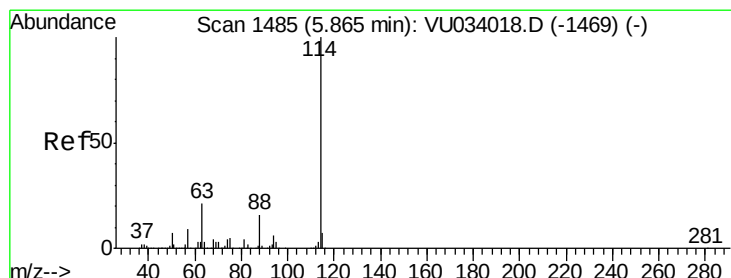
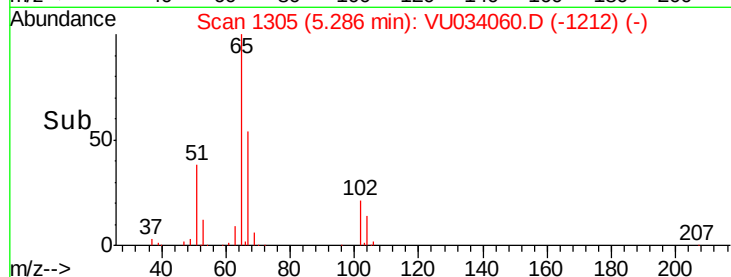
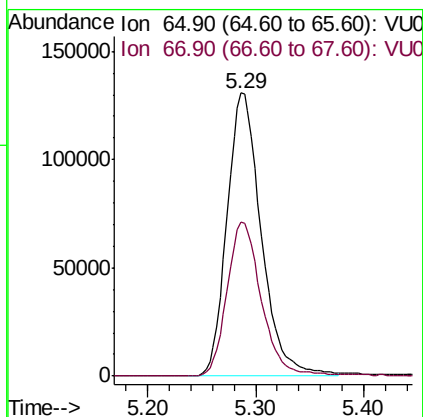
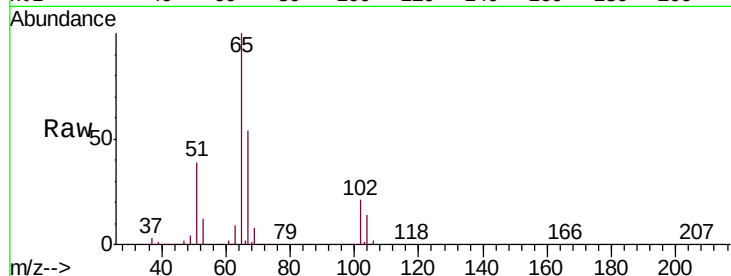




#33
 1,2-Dichloroethane-d4
 Concen: 49.752 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034060.D
 Acq: 29 Aug 2019 14:31

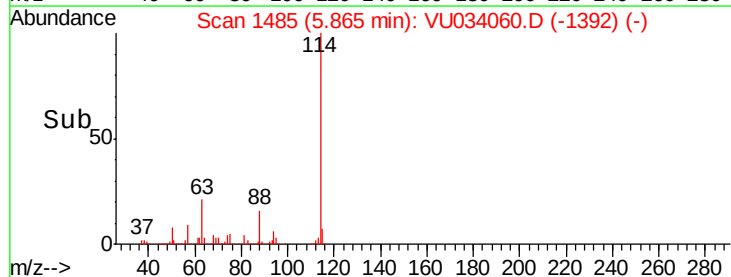
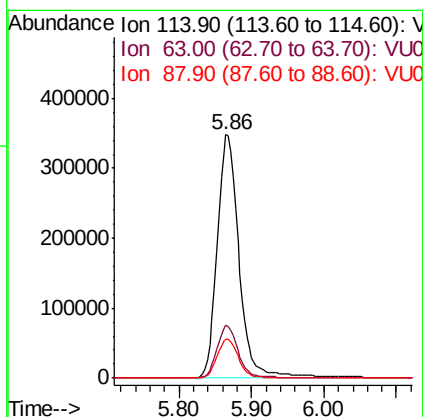
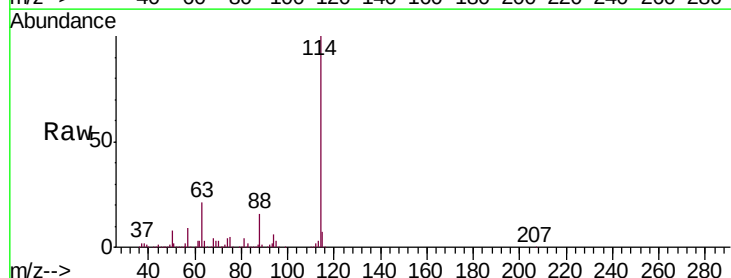
Instrument :
 MSVOA_U
 ClientSampled :

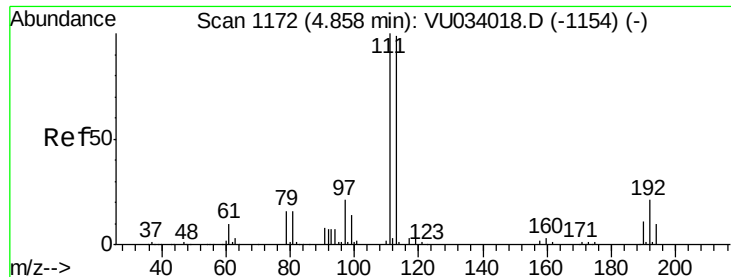
Tot Ion: 65 Resp: 290365
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034060.D
 Acq: 29 Aug 2019 14:31

Tgt Ion: 114 Resp: 727514
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.0
 88 16.2 0.0 32.0

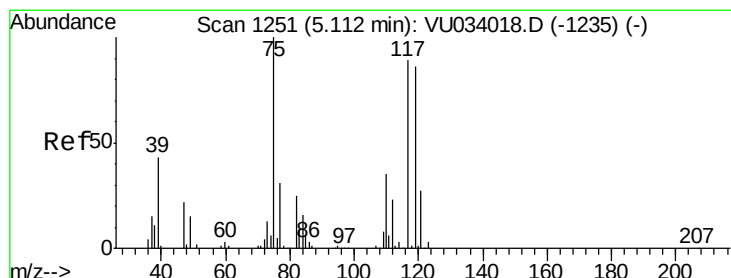
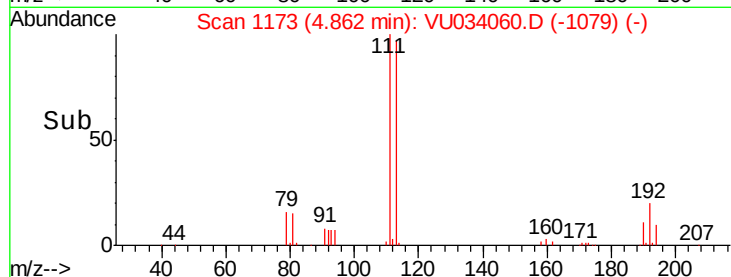
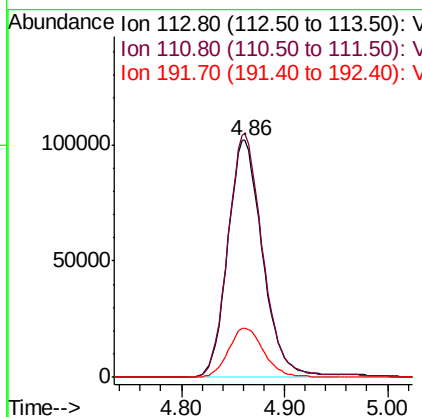
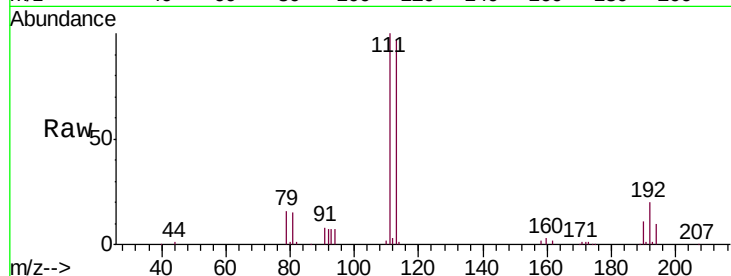




#35
 Dibromofluoromethane
 Concen: 47.542 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034060.D
 Acq: 29 Aug 2019 14:31

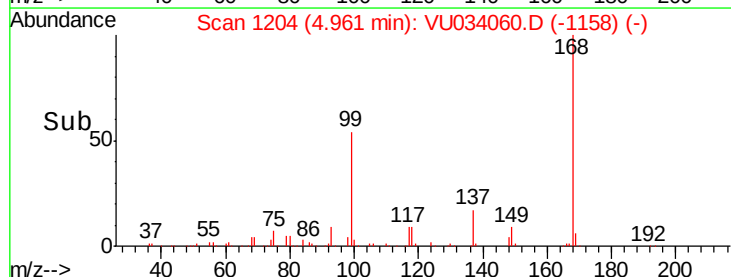
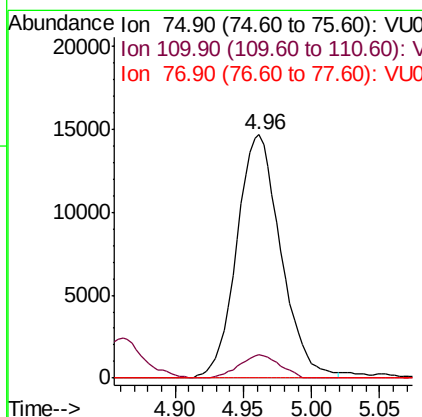
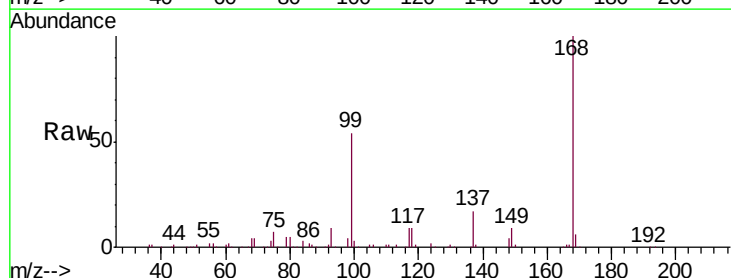
Instrument :
 MSVOA_U
 ClientSampled :

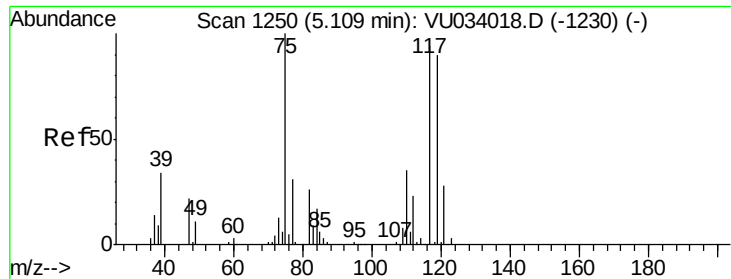
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.7	122.5
192	21.1	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 4.786 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034060.D
 Acq: 29 Aug 2019 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.8	53.5#
77	0.0	25.0	37.4#

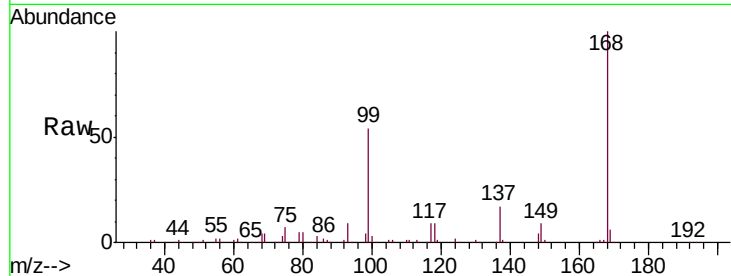




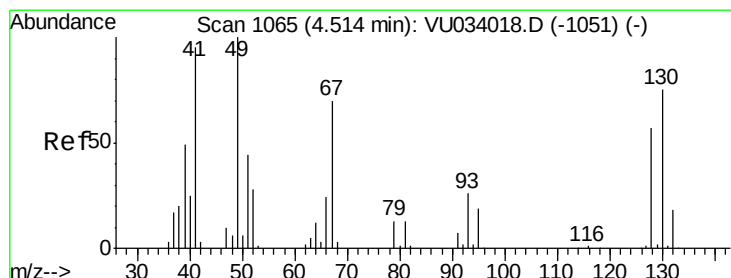
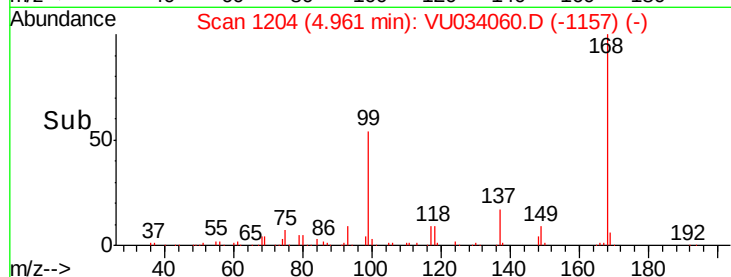
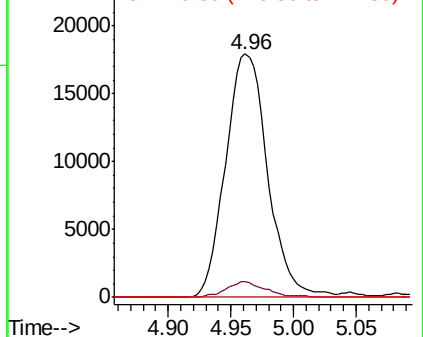
#38
Carbon Tetrachloride
Concen: 6.296 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034060.D
Acq: 29 Aug 2019 14:31

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 41822
Ion Ratio Lower Upper
117 100
119 6.4 77.0 115.4#
121 0.0 23.9 35.9#

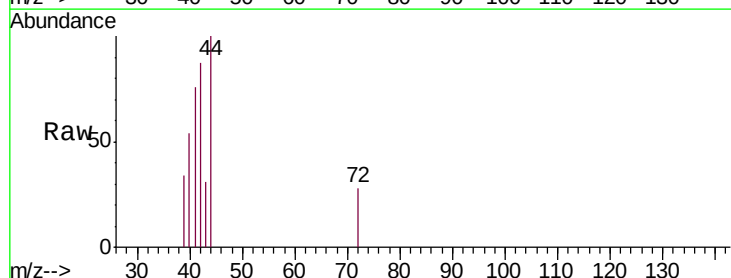


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

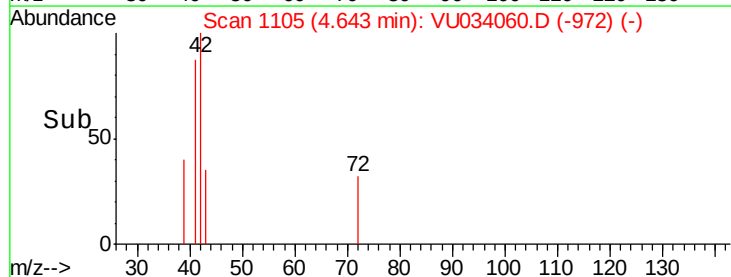
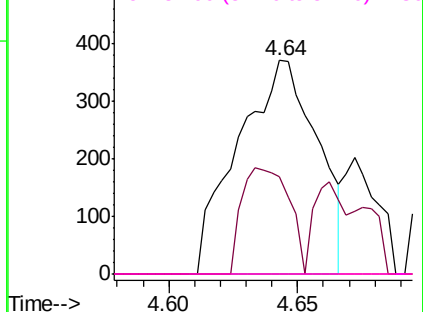


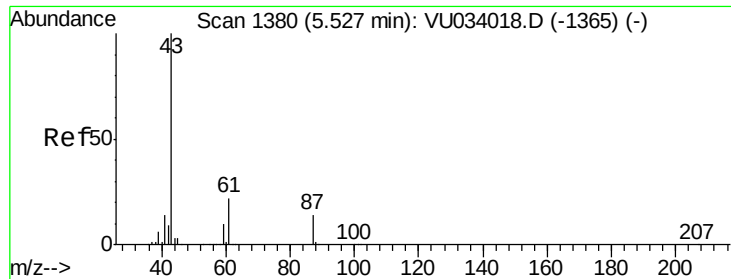
#41
Methacrylonitrile
Concen: 0.201 ug/l
RT: 4.64 min Scan# 1105
Delta R.T. 0.13 min
Lab File: VU034060.D
Acq: 29 Aug 2019 14:31

Tgt Ion: 41 Resp: 796
Ion Ratio Lower Upper
41 100
39 29.5 42.1 63.1#
67 0.0 61.0 91.4#
52 0.0 23.3 34.9#



Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0





#43

Isopropyl Acetate

Concen: 7.294 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

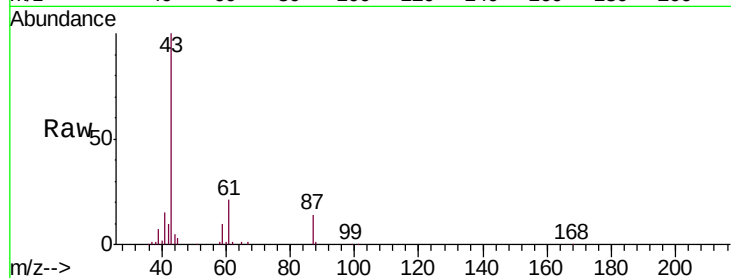
Tot Ion: 43 Resp: 85507

Ion Ratio Lower Upper

43 100

61 20.8 17.2 25.8

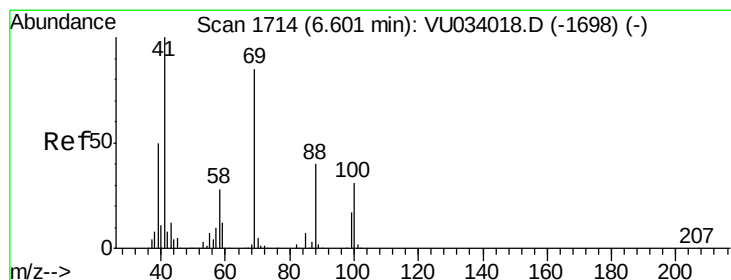
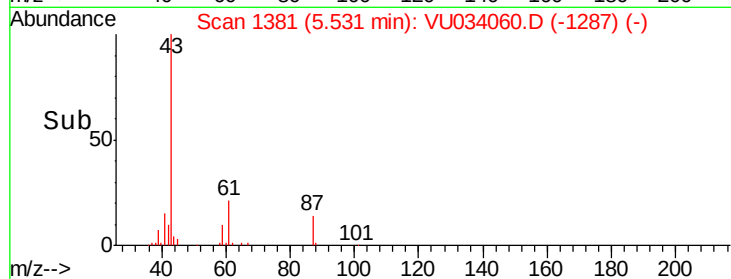
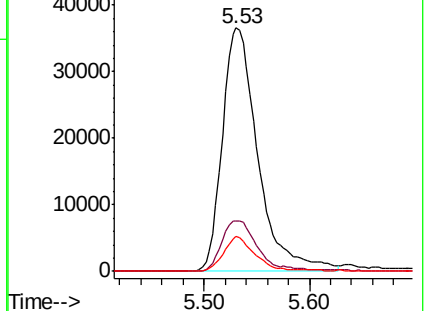
87 12.4 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034060.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034060.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034060.D (-1287) (-)



#48

Methyl methacrylate

Concen: 24.152 ug/l

RT: 6.68 min Scan# 1740

Delta R.T. 0.08 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

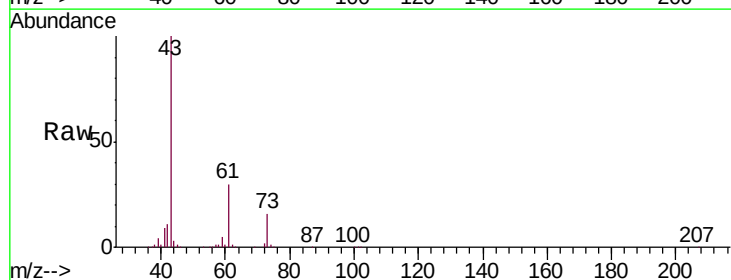
Tgt Ion: 41 Resp: 136628

Ion Ratio Lower Upper

41 100

69 0.1 69.5 104.3#

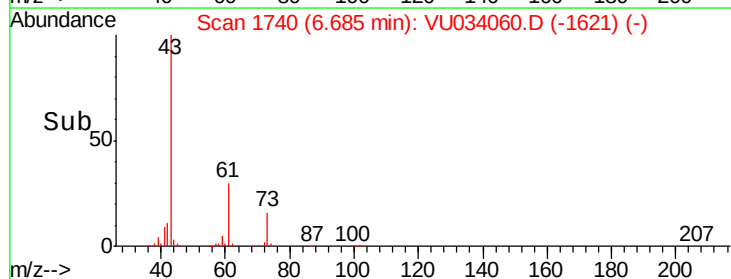
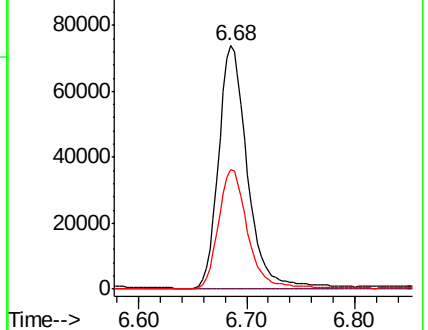
39 50.9 40.3 60.5

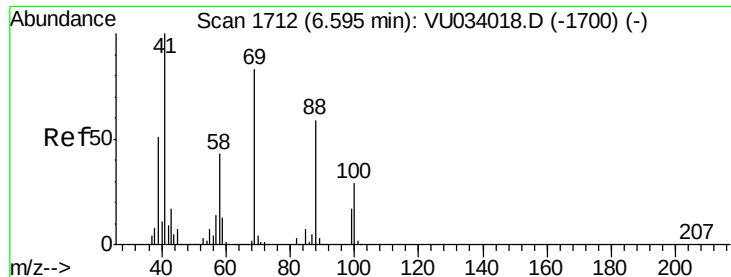


Abundance Ion 41.00 (40.70 to 41.70): VU034060.D (-1621) (-)

Ion 69.00 (68.70 to 69.70): VU034060.D (-1621) (-)

Ion 39.00 (38.70 to 39.70): VU034060.D (-1621) (-)

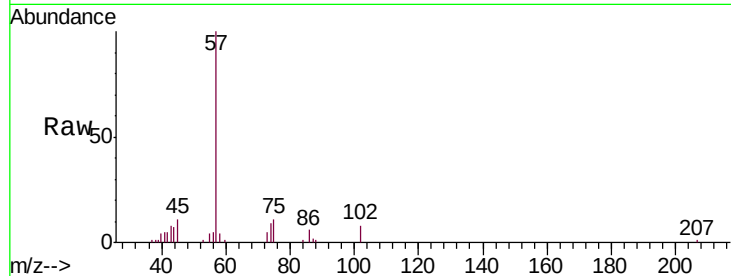




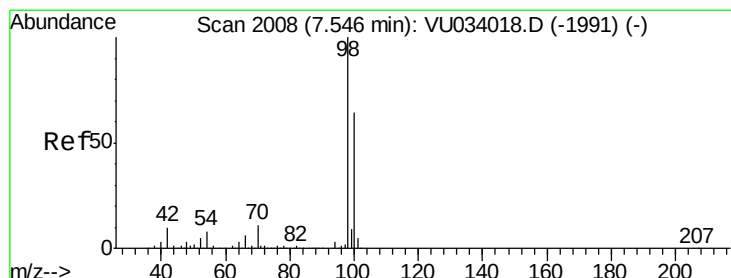
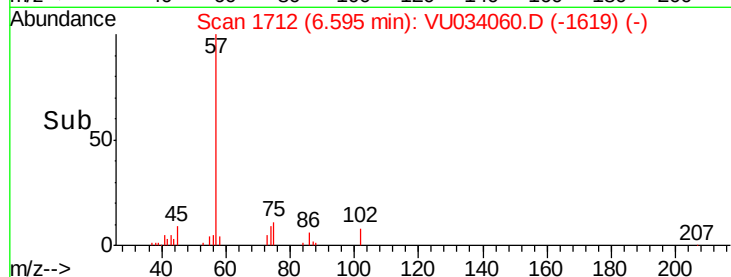
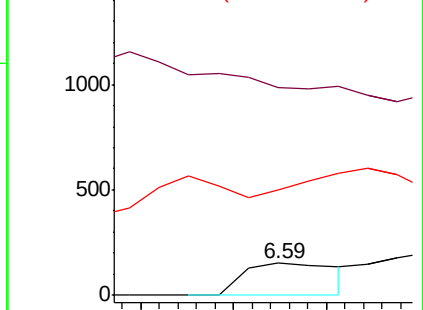
#49
1,4-Dioxane
Concen: 0.762 ug/l
RT: 6.59 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VU034060.D
Acq: 29 Aug 2019 14:31

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 88 Resp: 108
Ion Ratio Lower Upper
88 100
43 0.0 24.8 37.2#
58 0.0 59.3 88.9#

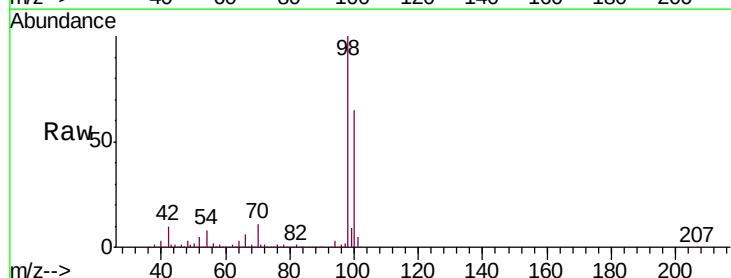


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

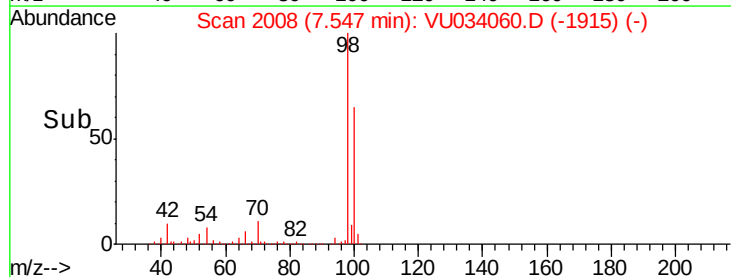
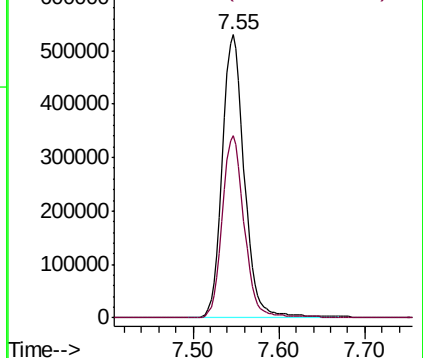


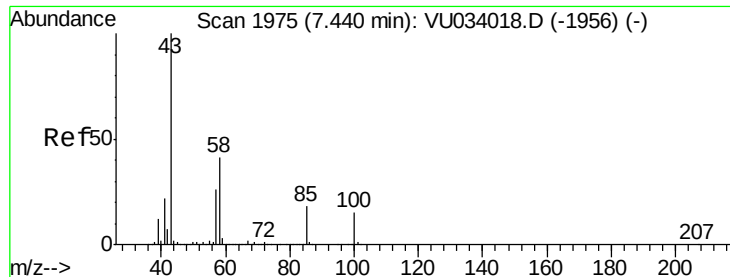
#50
Toluene-d8
Concen: 50.258 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034060.D
Acq: 29 Aug 2019 14:31

Tgt Ion: 98 Resp: 949578
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 9.326 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. -0.04 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

Instrument :

MSVOA_U

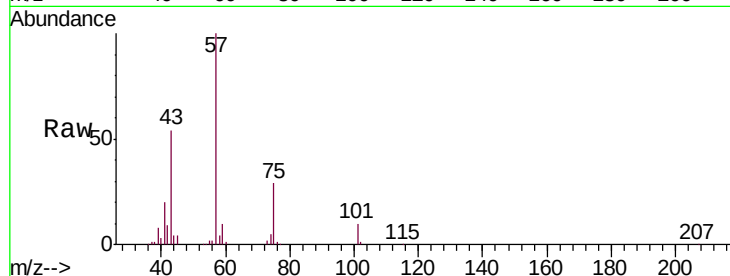
ClientSampleId :

Tot Ion: 43 Resp: 75508

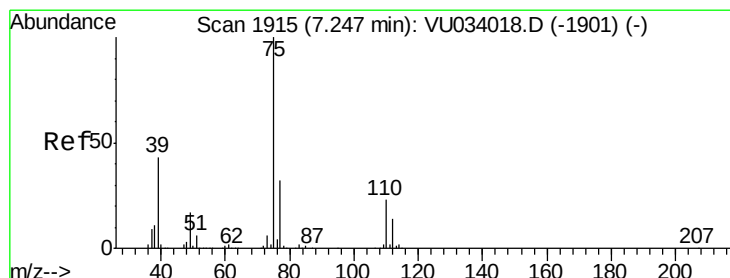
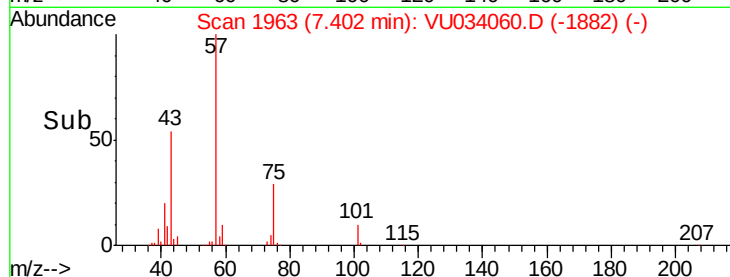
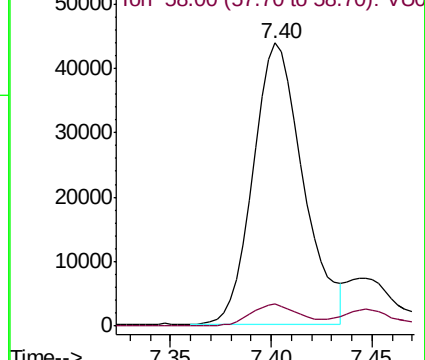
Ion Ratio Lower Upper

43 100

58 7.6 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VU034060.D (-1882) (-)



#54

cis-1,3-Dichloropropene

Concen: 4.515 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. 0.15 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

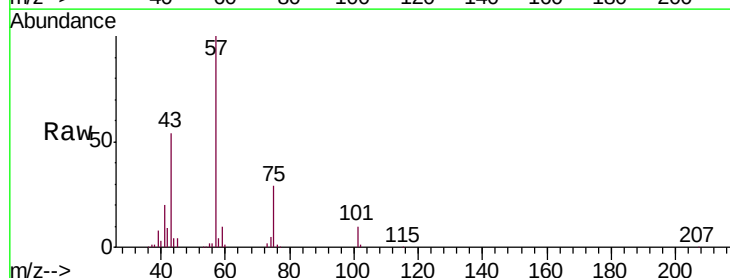
Tgt Ion: 75 Resp: 39538

Ion Ratio Lower Upper

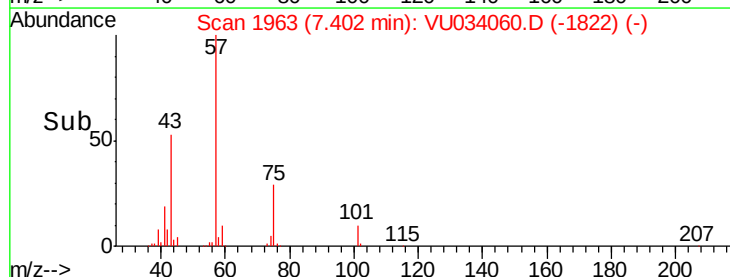
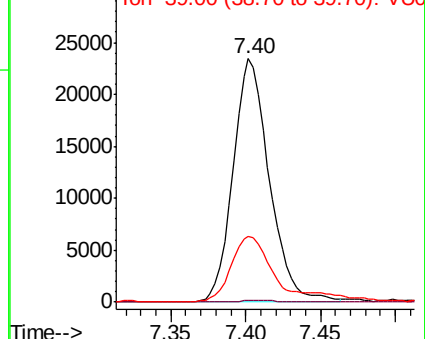
75 100

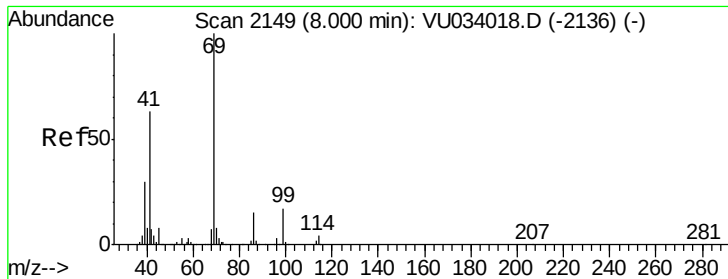
77 0.5 25.2 37.8#

39 27.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VU034060.D (-1822) (-)

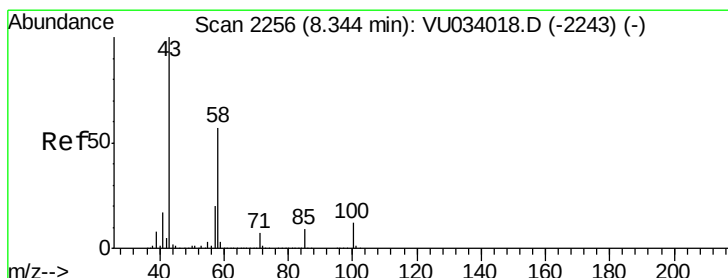
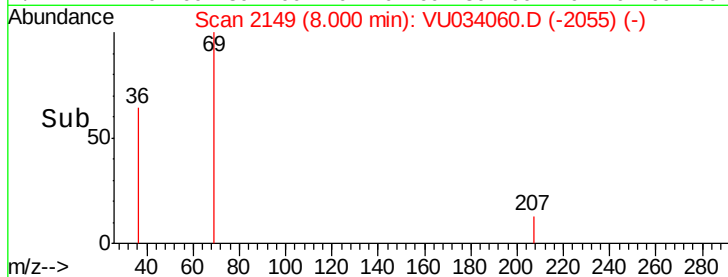
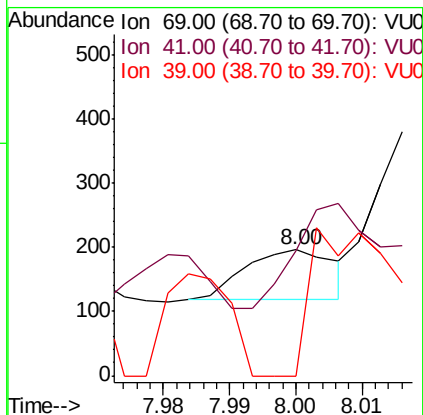
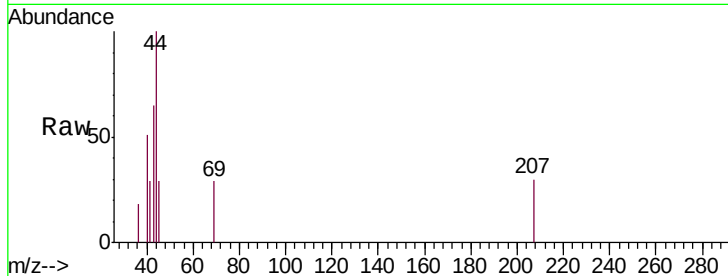




#56
Ethyl methacrylate
Concen: 0.979 ug/l
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VU034060.D
Acq: 29 Aug 2019 14:31

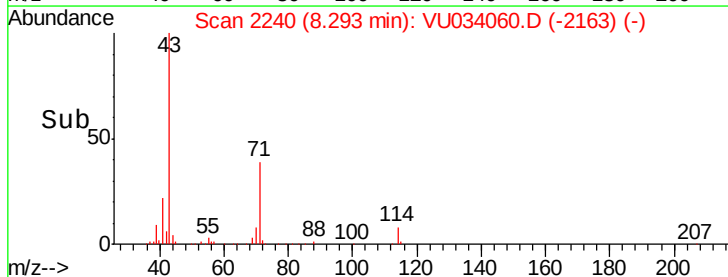
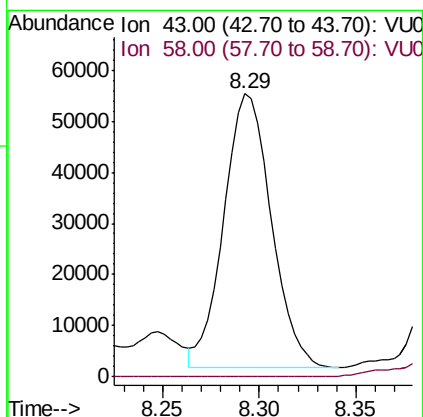
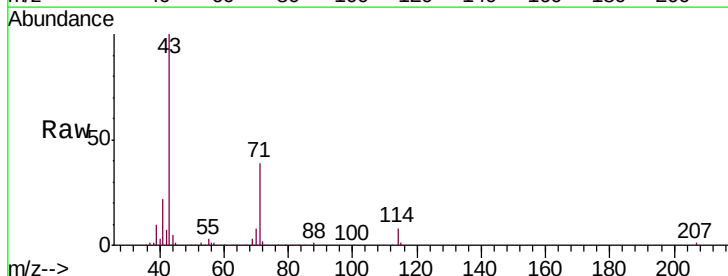
Instrument :
MSVOA_U
ClientSampled :

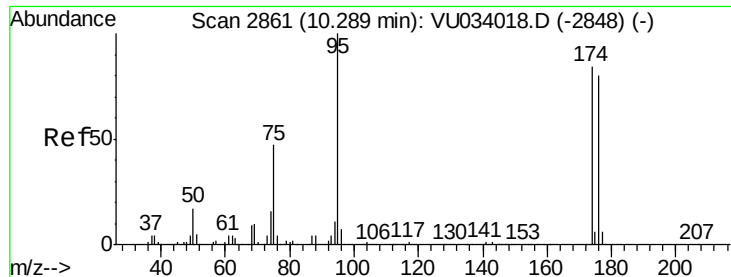
Tot Ion: 69 Resp: 73
Ion Ratio Lower Upper
69 100
41 0.0 50.7 76.1#
39 0.0 24.2 36.2#



#59
2-Hexanone
Concen: 15.011 ug/l
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU034060.D
Acq: 29 Aug 2019 14:31

Tgt Ion: 43 Resp: 91745
Ion Ratio Lower Upper
43 100
58 0.0 28.4 85.3#





#62

4-Bromofluorobenzene

Concen: 44.701 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

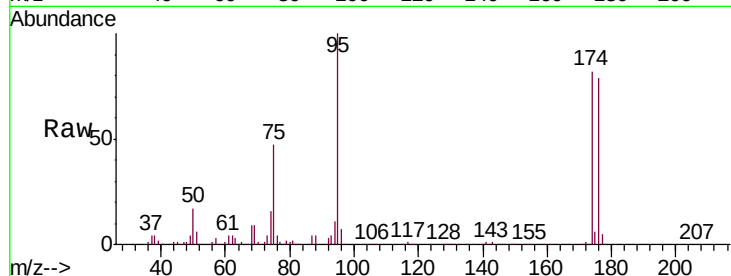
Tot Ion: 95 Resp: 328533

Ion Ratio Lower Upper

95 100

174 84.9 0.0 168.8

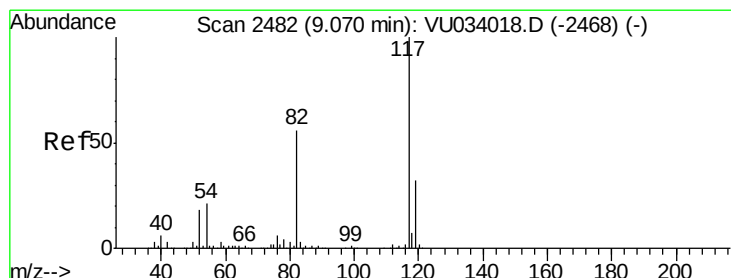
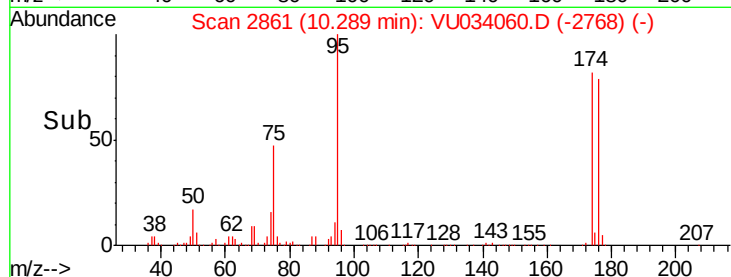
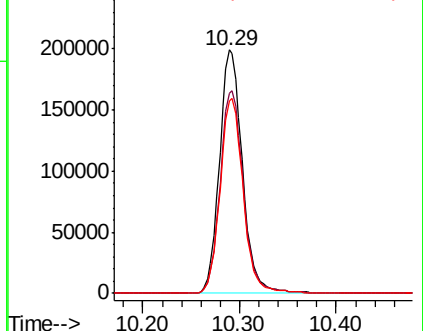
176 80.5 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

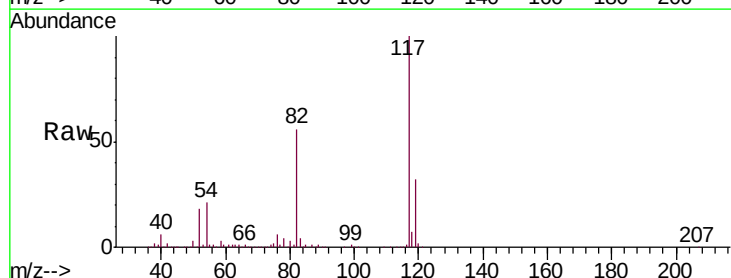
Tgt Ion: 117 Resp: 724699

Ion Ratio Lower Upper

117 100

82 56.2 45.1 67.7

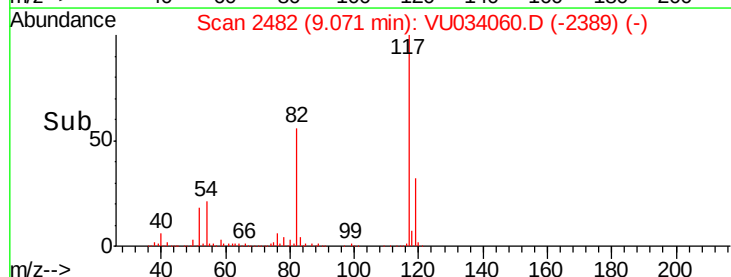
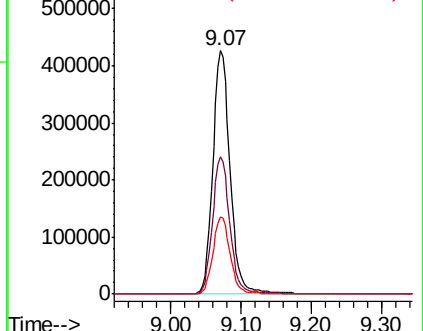
119 31.8 25.4 38.0

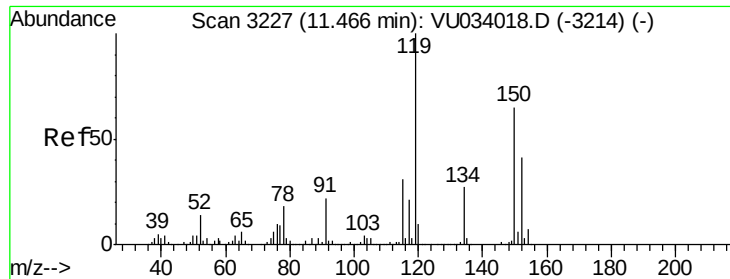


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V



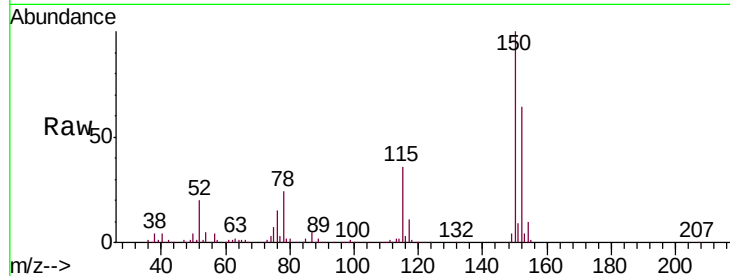


#72

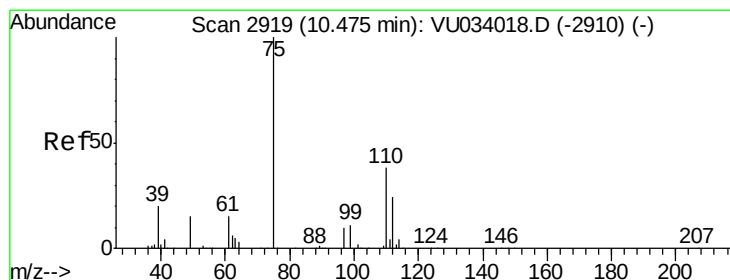
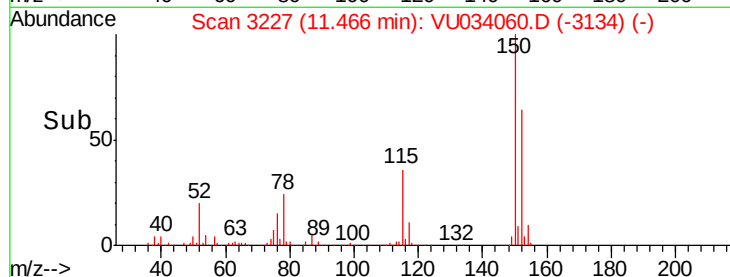
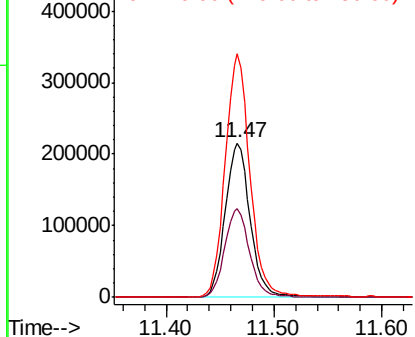
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034060.D
Acq: 29 Aug 2019 14:31

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	41.1	123.3
150	156.8	0.0	348.8



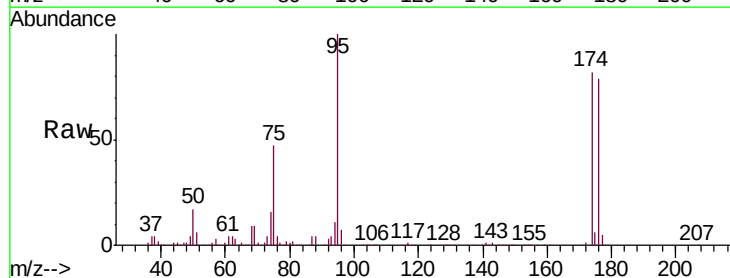
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



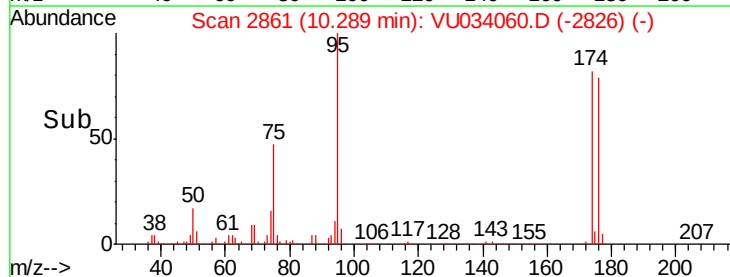
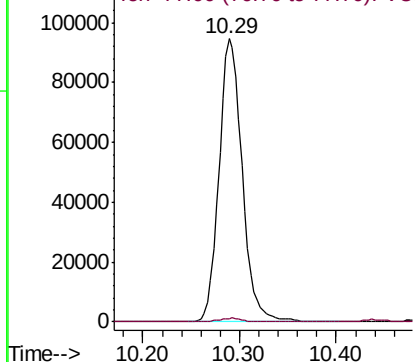
#76

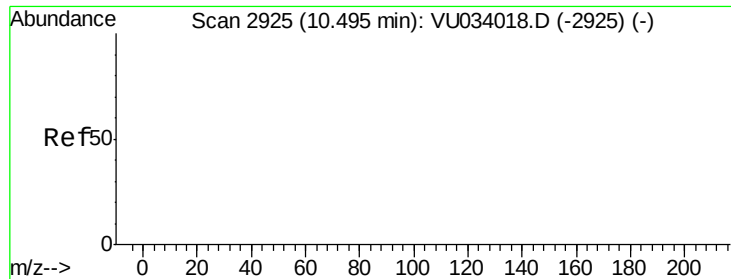
1,2,3-Trichloropropane
Concen: 20.107 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.19 min
Lab File: VU034060.D
Acq: 29 Aug 2019 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.1	60.2



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 77.00 (76.70 to 77.70): VU0

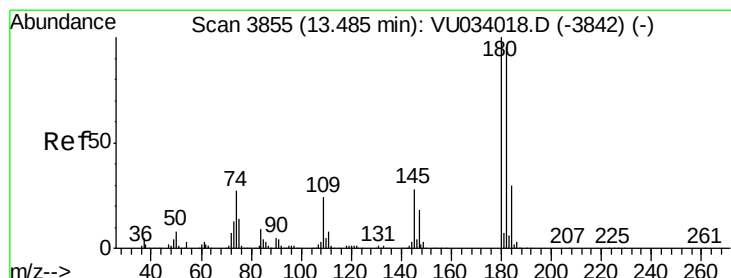
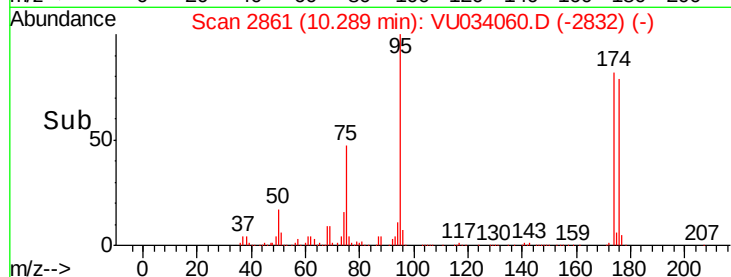
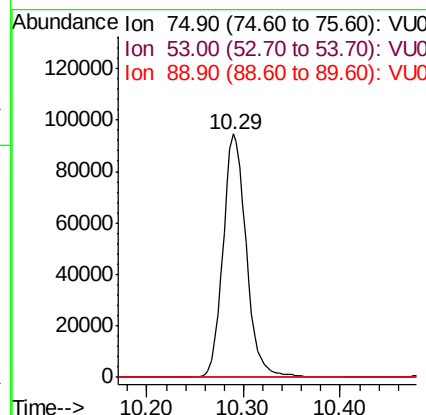
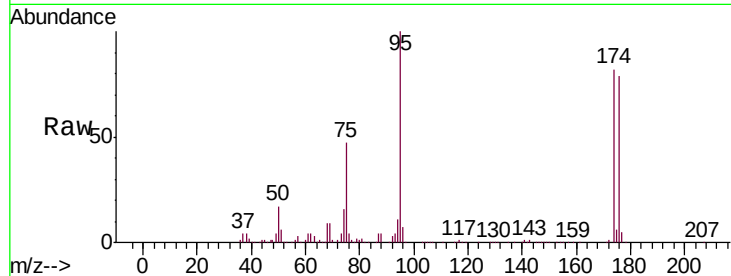




#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.705 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. -0.21 min
 Lab File: VU034060.D
 Acq: 29 Aug 2019 14:31

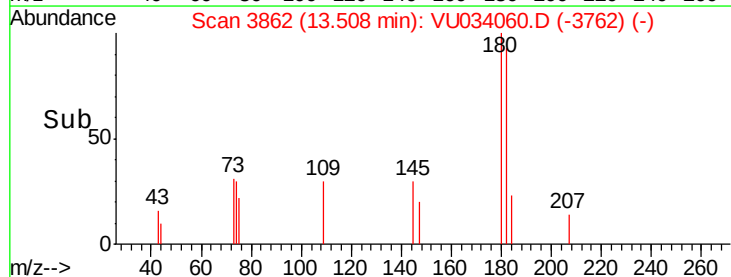
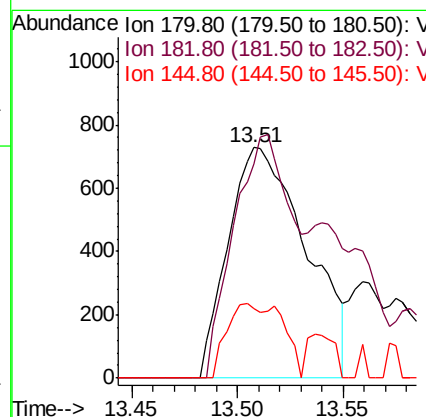
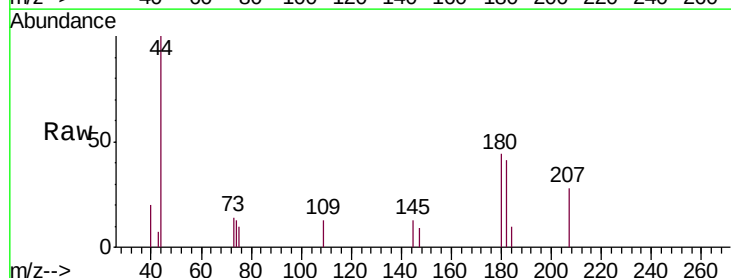
Instrument :
 MSVOA_U
 ClientSampleId :

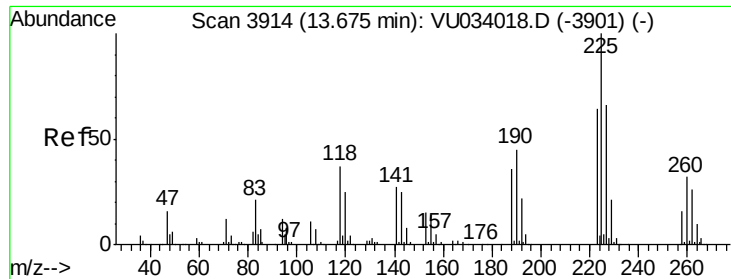
Tot Ion: 75 Resp: 157792
 Ion Ratio Lower Upper
 75 100
 53 0.2 0.0 0.0#
 89 0.0 0.0 0.0



#93
 1,2,4-Trichlorobenzene
 Concen: 1.355 ug/l
 RT: 13.51 min Scan# 3862
 Delta R.T. 0.02 min
 Lab File: VU034060.D
 Acq: 29 Aug 2019 14:31

Tgt Ion:180 Resp: 1872
 Ion Ratio Lower Upper
 180 100
 182 77.2 47.4 142.2
 145 13.9 14.1 42.3#





#94

Hexachlorobutadiene

Concen: 0.263 ug/l

RT: 13.68 min Scan# 3915

Delta R.T. 0.00 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

Instrument :

MSVOA_U

ClientSampled :

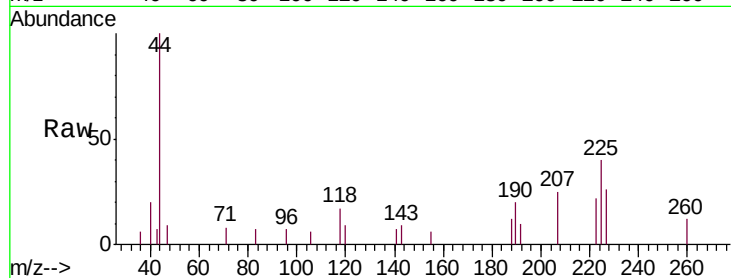
Tot Ion:225 Resp: 1097

Ion Ratio Lower Upper

225 100

223 62.6 31.8 95.3

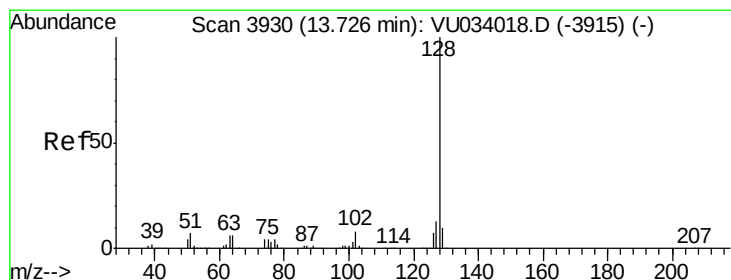
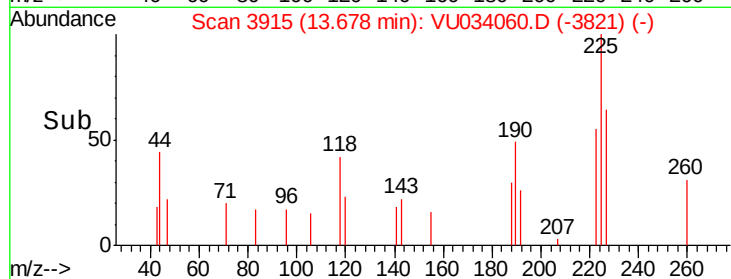
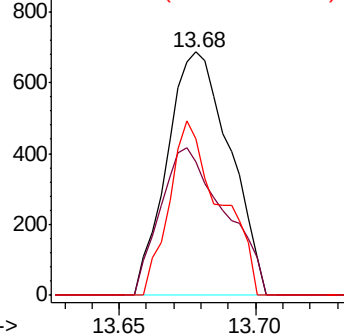
227 58.4 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.091 ug/l

RT: 13.75 min Scan# 3937

Delta R.T. 0.02 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

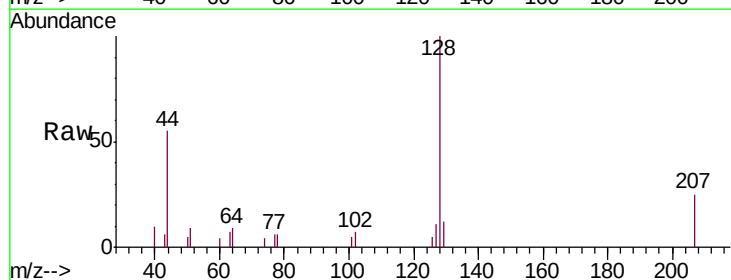
Tgt Ion:128 Resp: 6788

Ion Ratio Lower Upper

128 100

127 7.1 10.2 15.4#

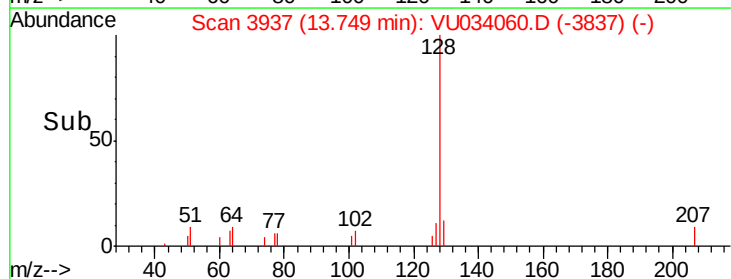
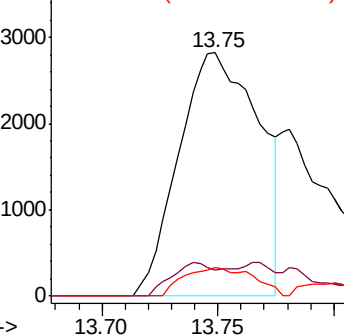
129 10.1 8.4 12.6

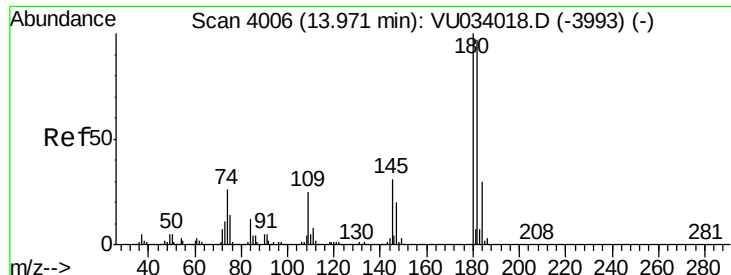


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

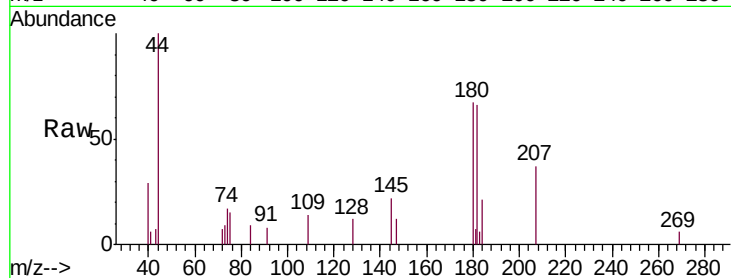




#96
 1,2,3-Trichlorobenzene
 Concen: 0.503 ug/l
 RT: 13.98 min Scan# 4010
 Delta R.T. 0.01 min
 Lab File: VU034060.D
 Acq: 29 Aug 2019 14:31

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 3436
 Ion Ratio Lower Upper
 180 100
 182 77.8 48.2 144.6
 145 14.7 15.5 46.5#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

