

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090719\
 Data File : VU034352.D
 Acq On : 07 Sep 2019 00:18
 Operator : JC/SP
 Sample : K4580-40
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-A2-(3.5)

Quant Time: Sep 07 04:13:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	303256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	469536	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	466676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	275582	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	243051	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
35) Dibromofluoromethane	4.86	113	211877	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
50) Toluene-d8	7.55	98	816265	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	10.29	95	292177	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	839	Below Cal	#	67
6) Chloroethane	1.69	64	100	Below Cal	#	43
8) Diethyl Ether	2.10	74	597	0.256	ug/l	98
10) Methyl Iodide	2.41	142	846	4.090	ug/l #	88
11) Tert butyl alcohol	2.81	59	502	0.518	ug/l #	73
13) Acrolein	2.18	56	189	0.232	ug/l	83
16) Acetone	2.31	43	13811	5.817	ug/l	97
17) Carbon Disulfide	2.47	76	1605	0.216	ug/l #	83
18) Methyl Acetate	2.61	43	3392	0.587	ug/l	94
20) Methylene Chloride	2.69	84	9347	2.020	ug/l	96
25) 2-Butanone	4.29	43	1488	0.469	ug/l	99
29) Tetrahydrofuran	4.65	42	788	0.409	ug/l #	46
31) Cyclohexane	4.96	56	4885	0.909	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	19648	3.858	ug/l #	48
38) Carbon Tetrachloride	4.96	117	27059	4.977	ug/l #	16
43) Isopropyl Acetate	5.53	43	63430	6.754	ug/l	99
48) Methyl methacrylate	6.69	41	77077	17.279	ug/l #	36
49) 1,4-Dioxane	6.60	88	231	2.371	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	56561	8.700	ug/l #	47
54) cis-1,3-Dichloropropene	7.40	75	32497	4.602	ug/l #	62
56) Ethyl methacrylate	8.02	69	666	3.164	ug/l #	28
59) 2-Hexanone	8.40	43	61702	12.704	ug/l #	53
74) N-ethyl acetate	9.93	43	2071	0.287	ug/l #	44
76) 1,2,3-Trichloropropane	10.29	75	136287	22.656	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.29	75	136287	76.191	ug/l #	100
87) 1,3-Dichlorobenzene	11.40	146	2283	0.249	ug/l	92
88) 1,4-Dichlorobenzene	11.40	146	2283	0.239	ug/l	92
89) n-Butylbenzene	11.88	91	4213	0.297	ug/l	94
91) 1,2-Dichlorobenzene	11.86	146	1991	0.221	ug/l	90
93) 1,2,4-Trichlorobenzene	13.50	180	1726	3.698	ug/l	65
94) Hexachlorobutadiene	13.67	225	1391	0.442	ug/l	92
95) Naphthalene	13.74	128	18297	4.883	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.99	180	4412	3.302	ug/l	91

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

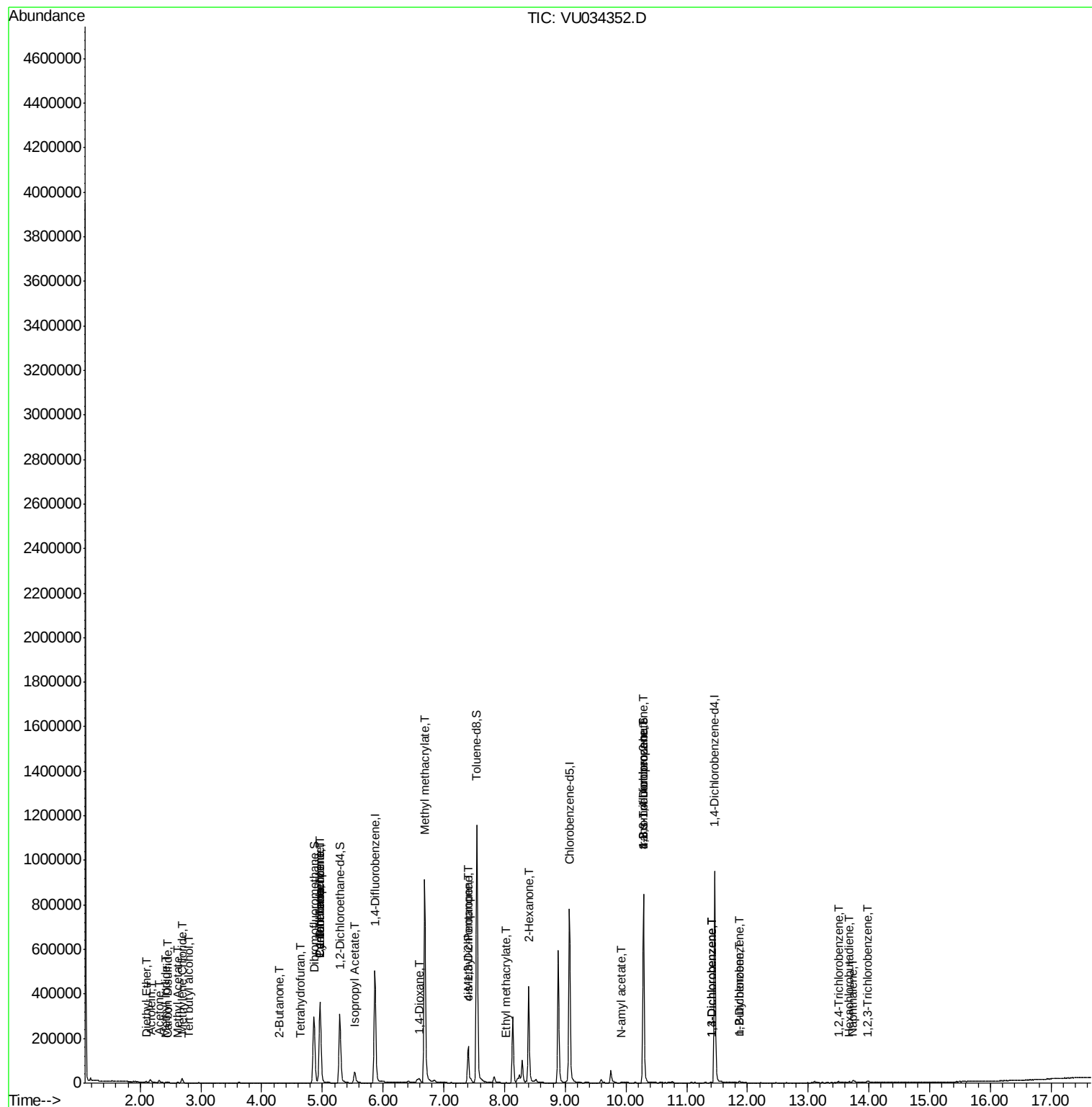
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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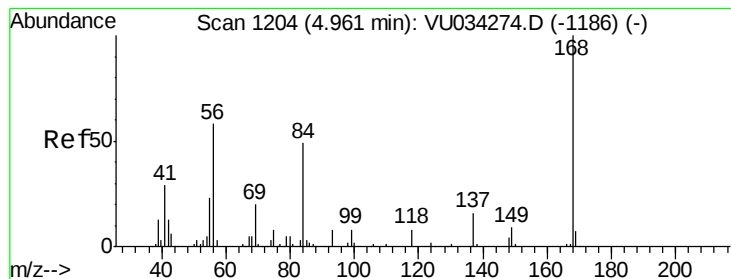
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

Instrument :

MSVOA_U

ClientSampleId :

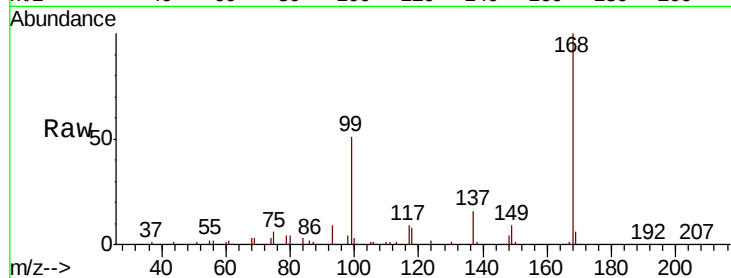
T12-A2-(3.5)

Tgt Ion:168 Resp: 303256

Ion Ratio Lower Upper

168 100

99 50.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

150000

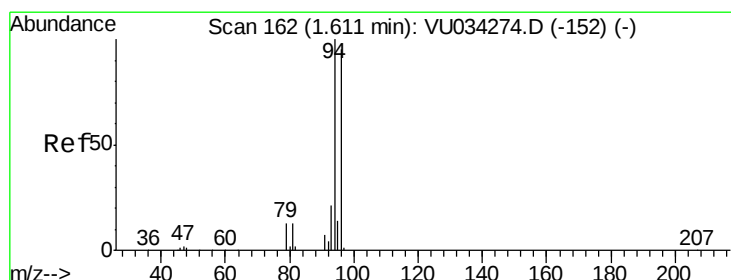
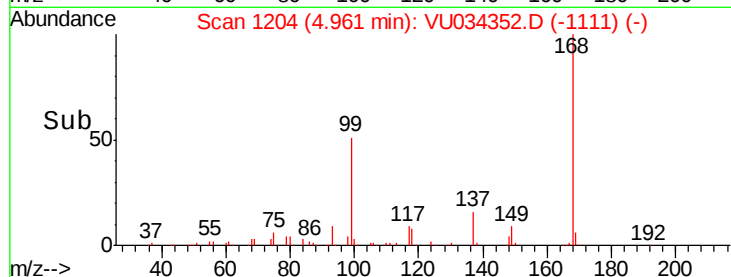
100000

50000

0

4.90 5.00 5.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 168

Delta R.T. 0.02 min

Lab File: VU034352.D

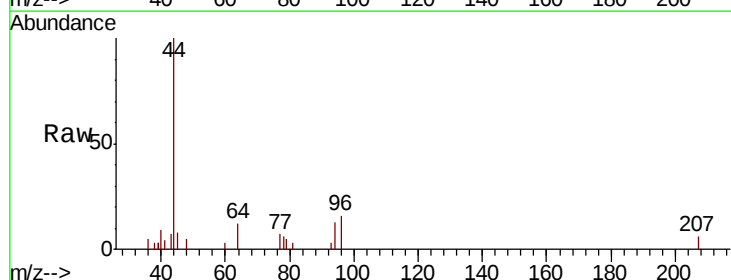
Acq: 07 Sep 2019 00:18

Tgt Ion: 94 Resp: 839

Ion Ratio Lower Upper

94 100

96 126.7 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VU034274.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034274.D (-152) (-)

1.63

600

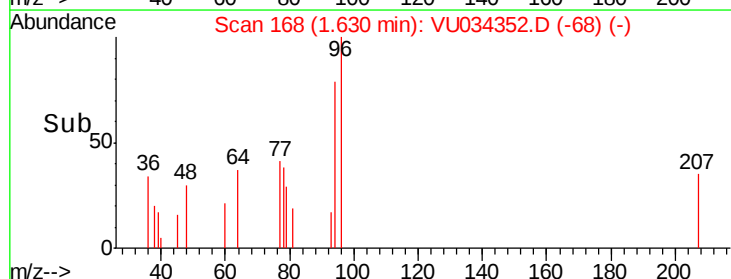
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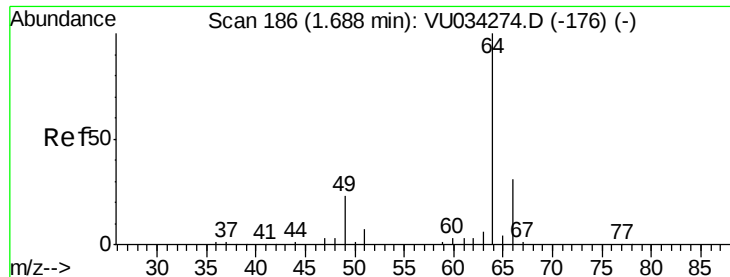
200

0

1.60 1.65

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

Instrument :

MSVOA_U

ClientSampleId :

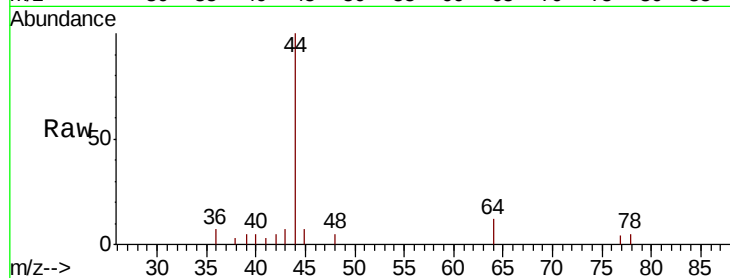
T12-A2-(3.5)

Tgt Ion: 64 Resp: 100

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.69

500

400

300

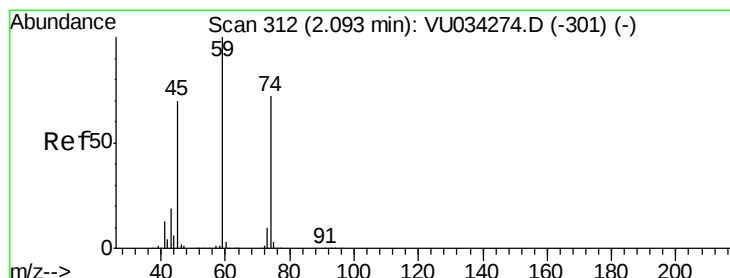
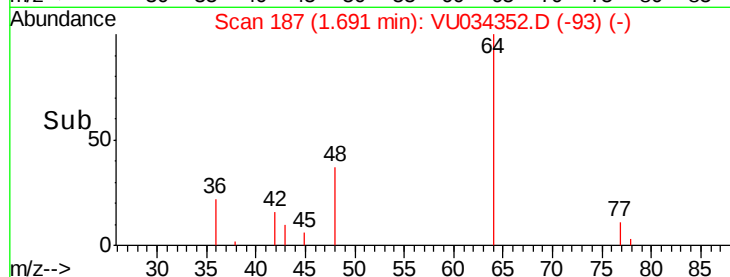
200

100

0

1.68 1.69 1.70 1.71

Time-->



#8

Diethyl Ether

Concen: 0.256 ug/l

RT: 2.10 min Scan# 313

Delta R.T. 0.00 min

Lab File: VU034352.D

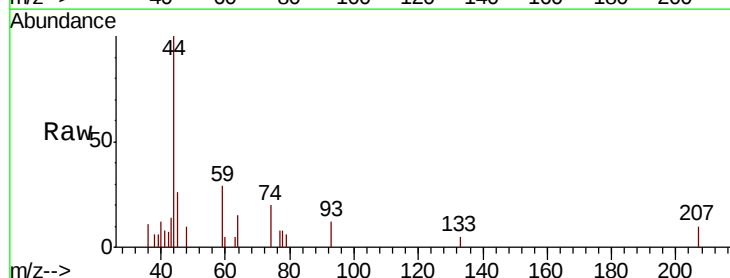
Acq: 07 Sep 2019 00:18

Tgt Ion: 74 Resp: 597

Ion Ratio Lower Upper

74 100

45 98.8 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

2.10

600

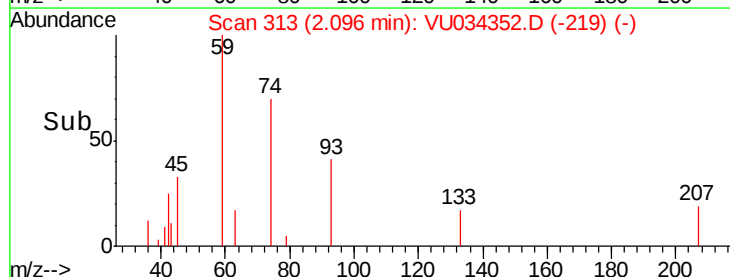
400

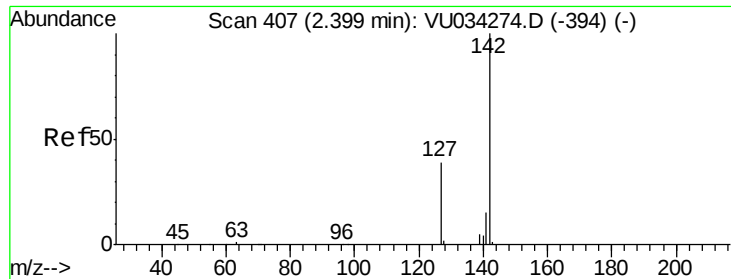
200

0

2.06 2.08 2.10 2.12

Time-->

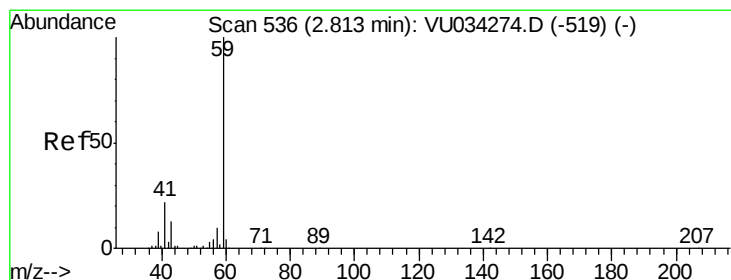
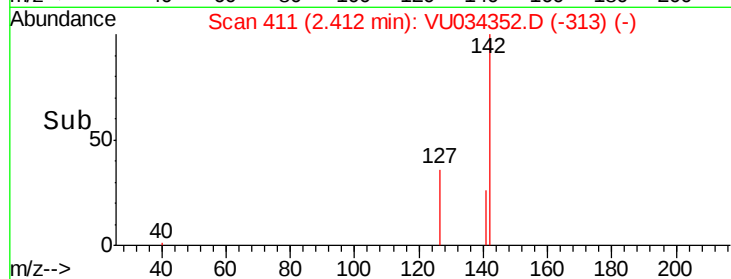
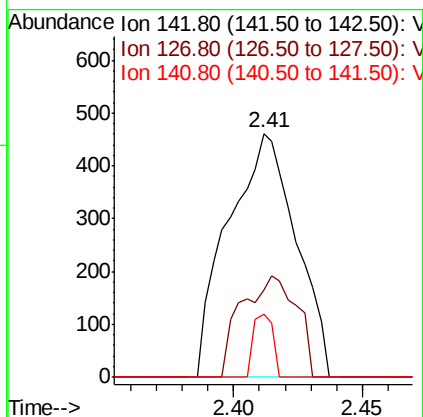
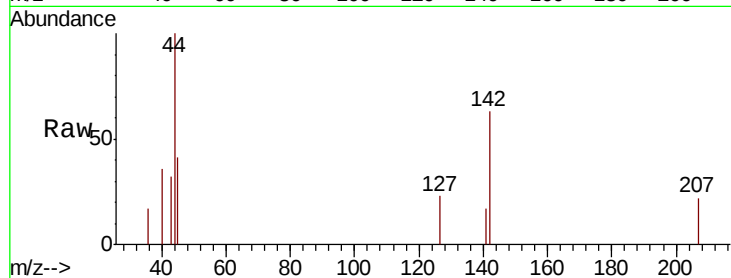




#10
Methyl Iodide
Concen: 4.090 ug/l
RT: 2.41 min Scan# 411
Delta R.T. 0.01 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

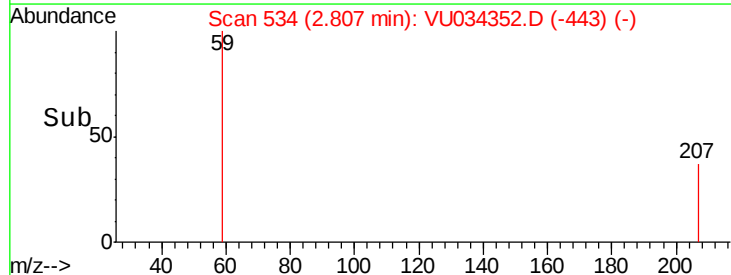
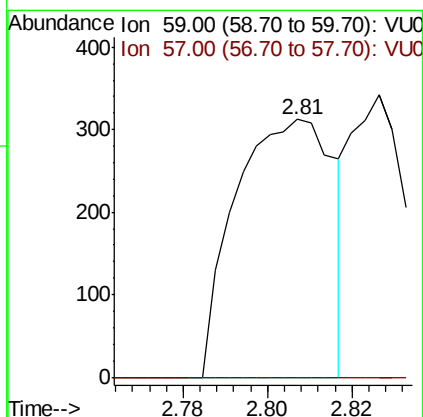
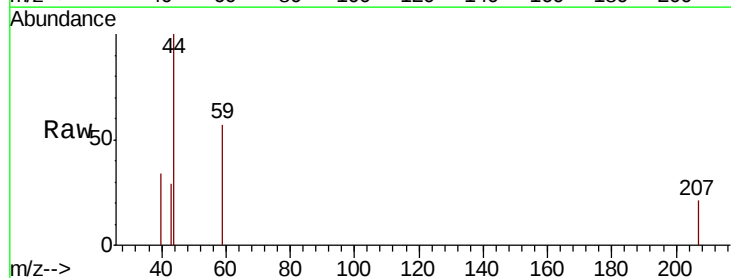
Instrument :
MSVOA_U
ClientSampleId :
T12-A2-(3.5)

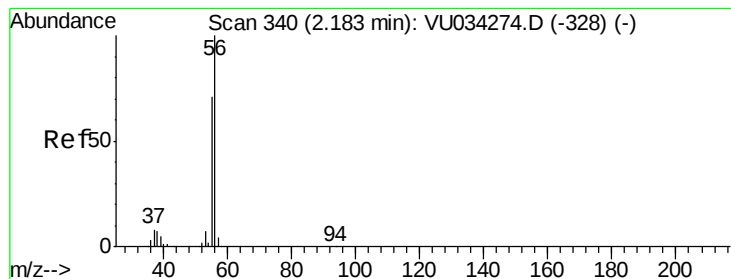
Tgt Ion: 142 Resp: 846
Ion Ratio Lower Upper
142 100
127 33.8 32.1 48.1
141 7.6 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.518 ug/l
RT: 2.81 min Scan# 534
Delta R.T. -0.01 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

Tgt Ion: 59 Resp: 502
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#13

Acrolein

Concen: 0.232 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

Instrument :

MSVOA_U

ClientSampleId :

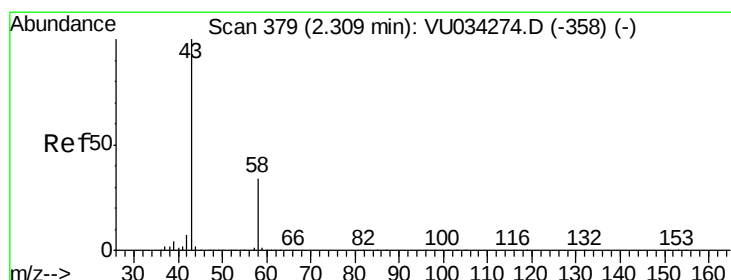
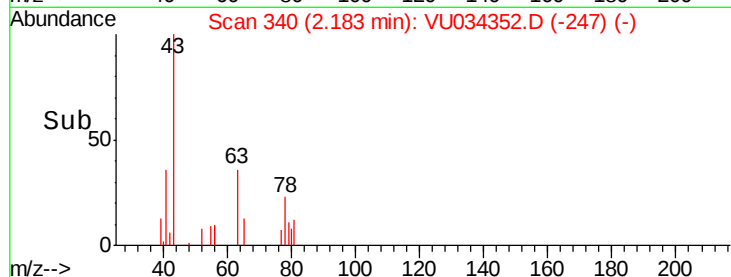
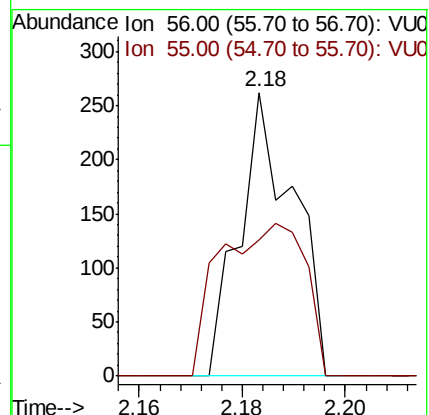
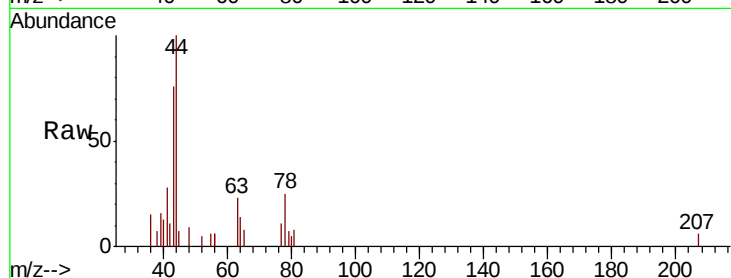
T12-A2-(3.5)

Tgt Ion: 56 Resp: 189

Ion Ratio Lower Upper

56 100

55 85.7 57.4 86.2



#16

Acetone

Concen: 5.817 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034352.D

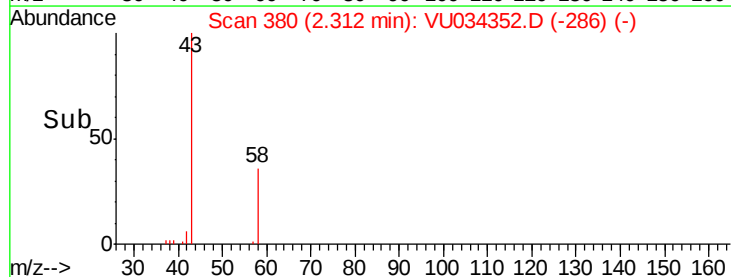
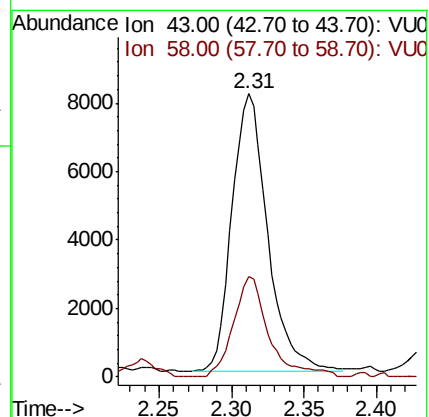
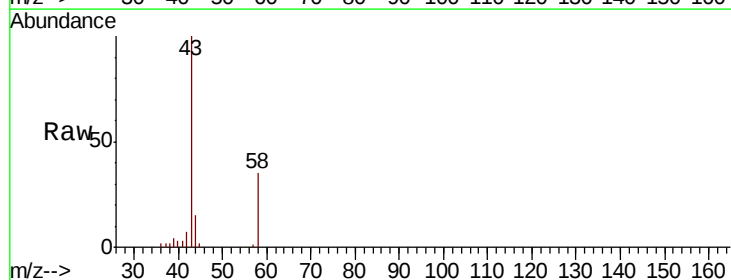
Acq: 07 Sep 2019 00:18

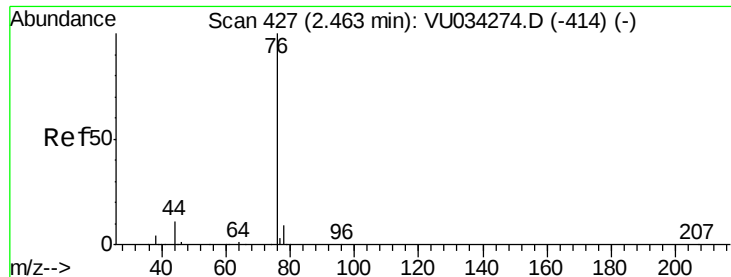
Tgt Ion: 43 Resp: 13811

Ion Ratio Lower Upper

43 100

58 36.1 27.6 41.4





#17

Carbon Disulfide

Concen: 0.216 ug/l

RT: 2.47 min Scan# 429

Delta R.T. 0.01 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

Instrument :

MSVOA_U

ClientSampleId :

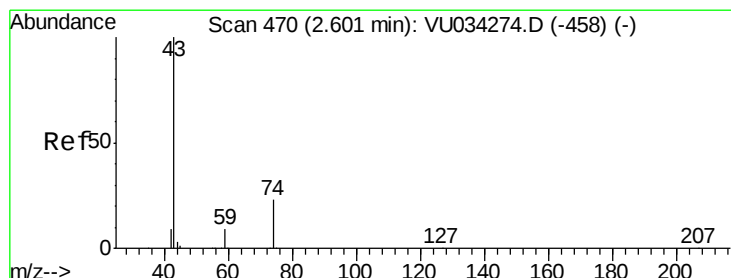
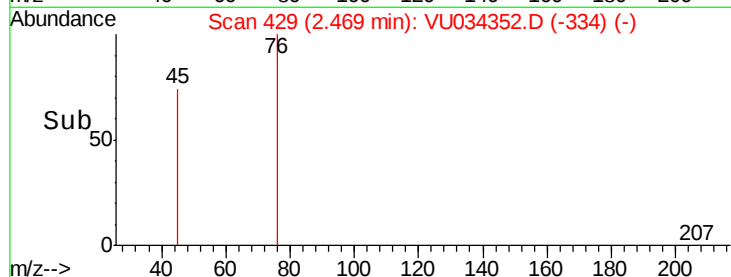
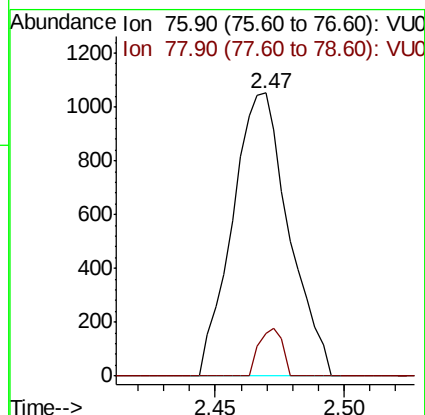
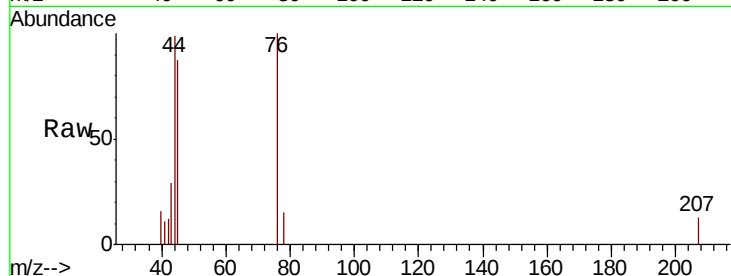
T12-A2-(3.5)

Tgt Ion: 76 Resp: 1605

Ion Ratio Lower Upper

76 100

78 15.0 7.2 10.8#



#18

Methyl Acetate

Concen: 0.587 ug/l

RT: 2.61 min Scan# 474

Delta R.T. 0.01 min

Lab File: VU034352.D

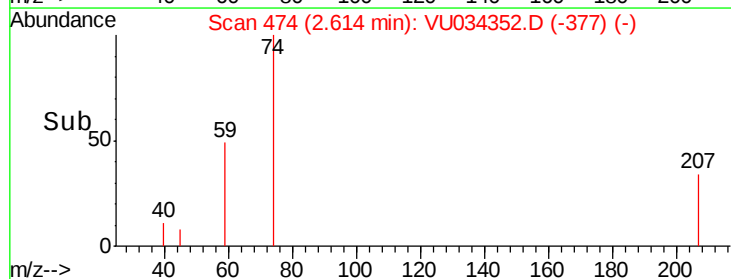
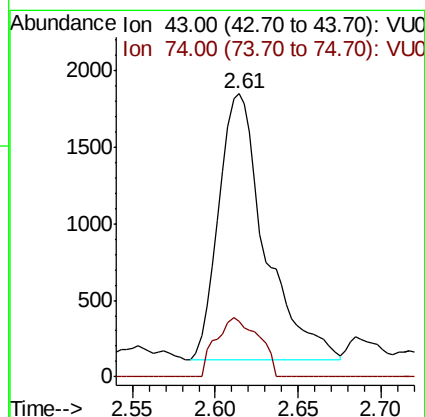
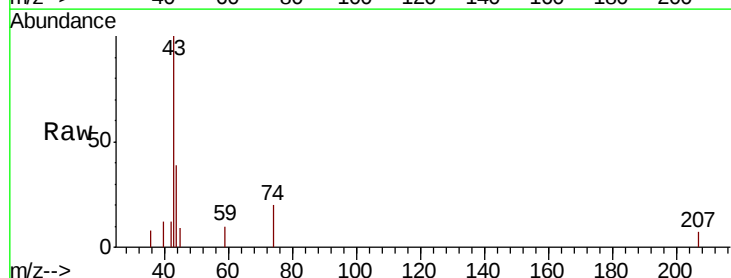
Acq: 07 Sep 2019 00:18

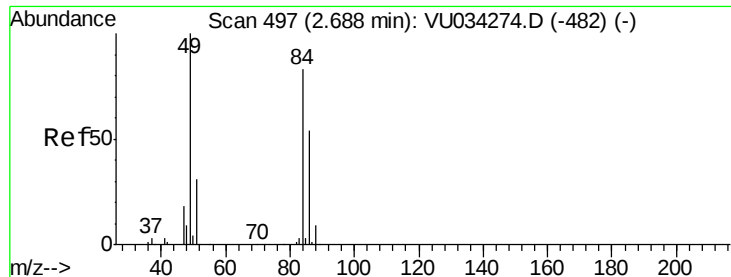
Tgt Ion: 43 Resp: 3392

Ion Ratio Lower Upper

43 100

74 20.5 18.9 28.3

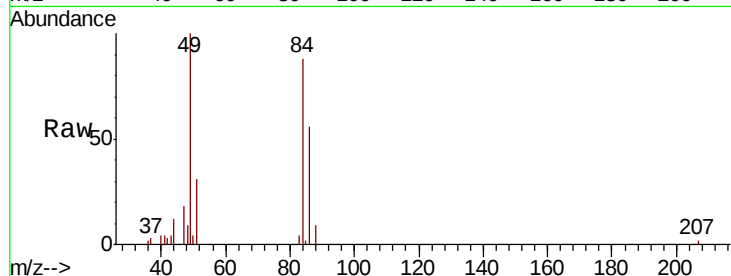




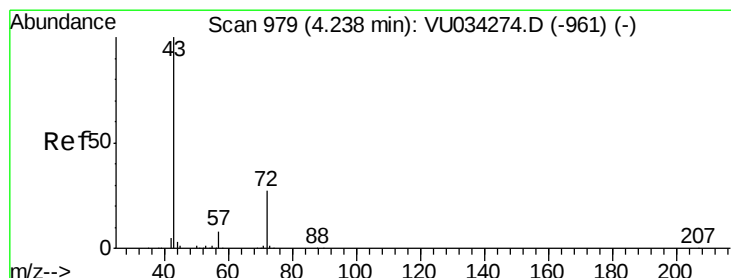
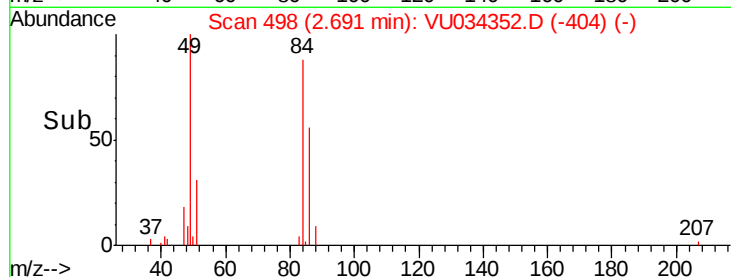
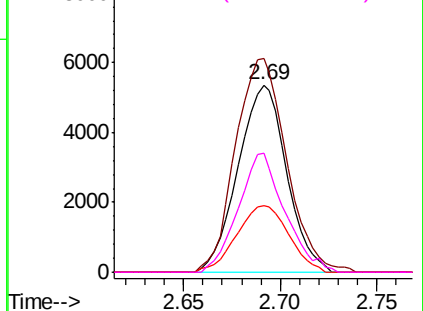
#20
Methylene Chloride
Concen: 2.020 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

Instrument :
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ClientSampleId :
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Tgt Ion:	84	Resp:	9347
Ion	Ratio	Lower	Upper
84	100		
49	114.2	96.0	144.0
51	35.5	30.0	45.0
86	63.5	51.4	77.0

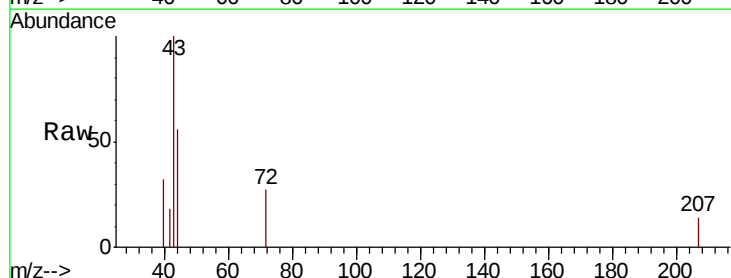


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

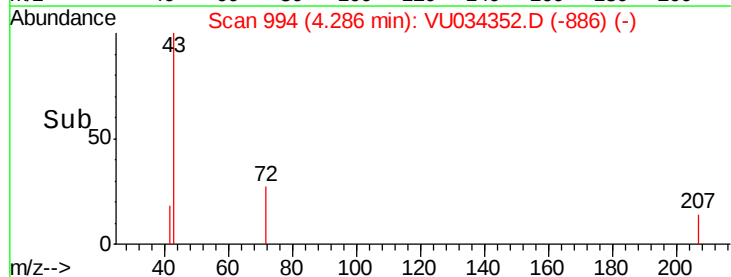
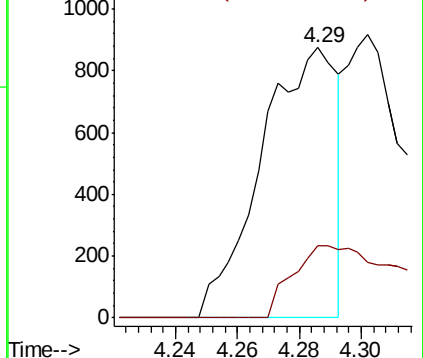


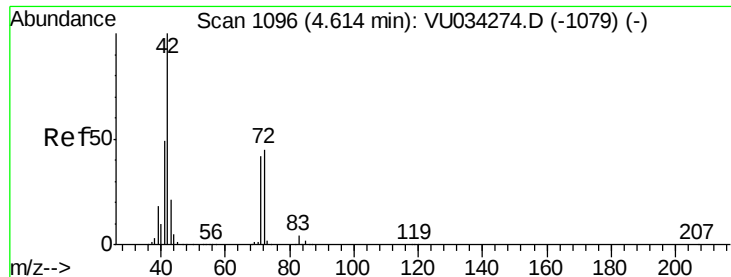
#25
2-Butanone
Concen: 0.469 ug/l
RT: 4.29 min Scan# 994
Delta R.T. 0.05 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

Tgt Ion:	43	Resp:	1488
Ion	Ratio	Lower	Upper
43	100		
72	26.5	21.8	32.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0

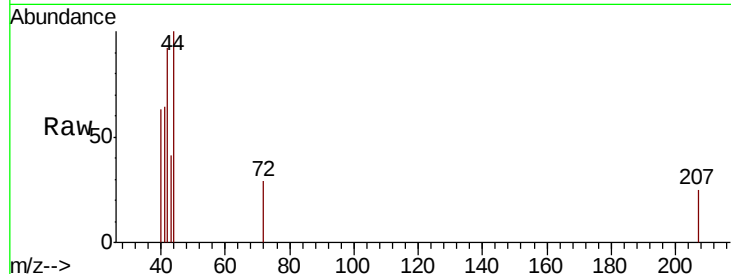




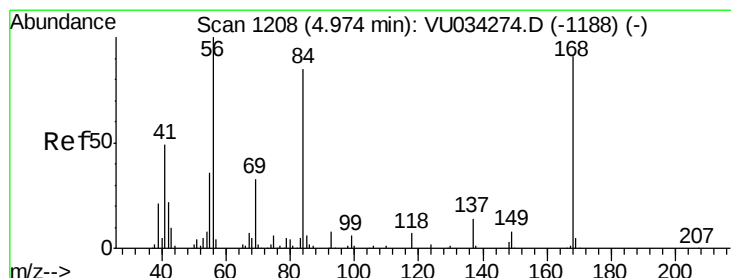
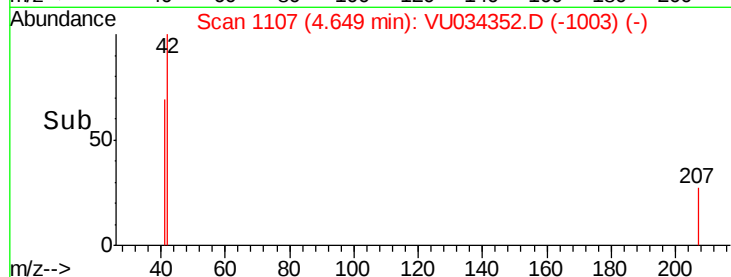
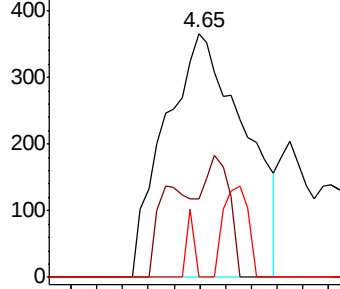
#29
Tetrahydrofuran
Concen: 0.409 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.04 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

Instrument :
MSVOA_U
ClientSampleId :
T12-A2-(3.5)

Tgt Ion: 42 Resp: 788
Ion Ratio Lower Upper
42 100
72 15.2 36.6 54.8#
71 2.5 34.3 51.5#

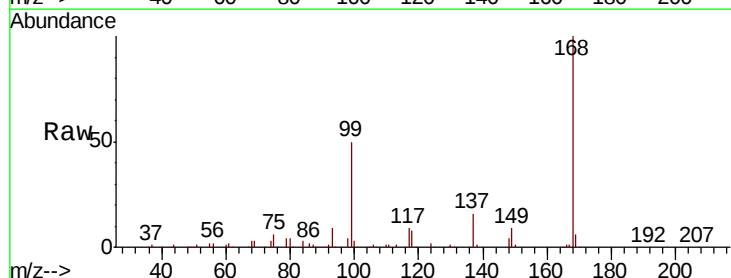


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

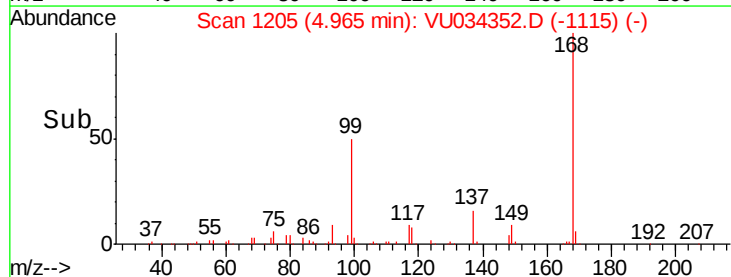
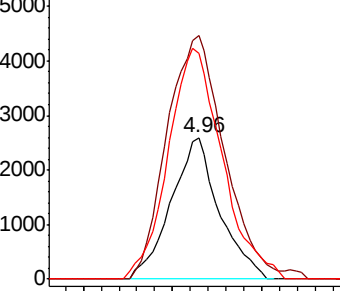


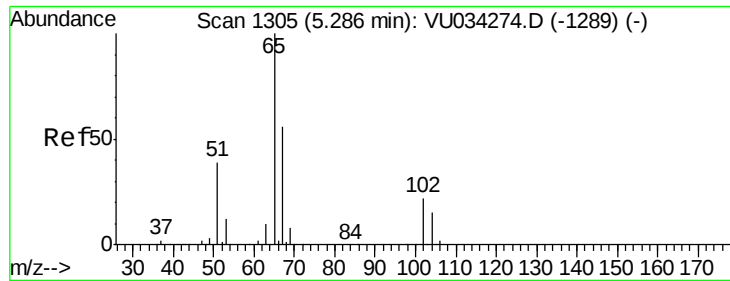
#31
Cyclohexane
Concen: 0.909 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.01 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

Tgt Ion: 56 Resp: 4885
Ion Ratio Lower Upper
56 100
69 172.0 26.7 40.1#
84 159.2 68.2 102.4#



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

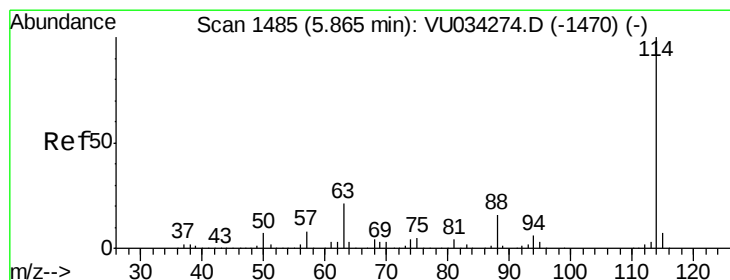
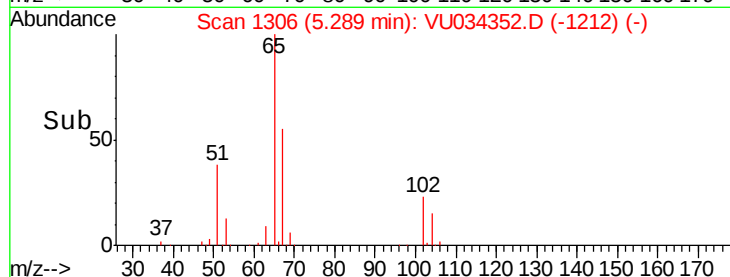
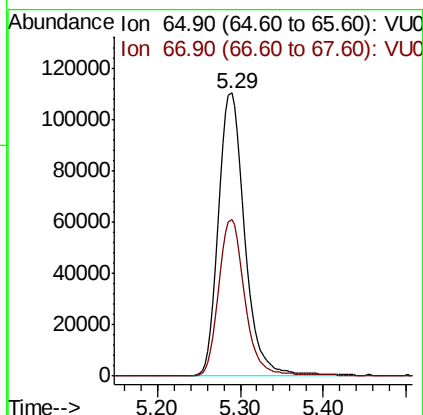
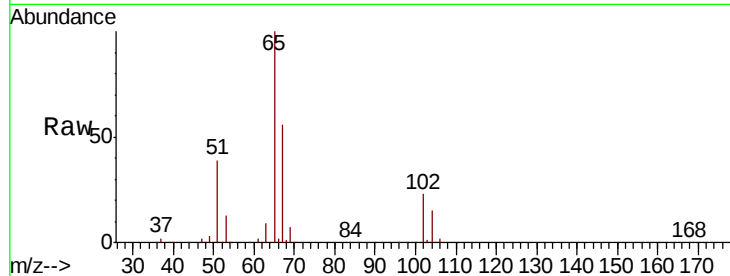




#33
 1,2-Dichloroethane-d4
 Concen: 52.971 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034352.D
 Acq: 07 Sep 2019 00:18

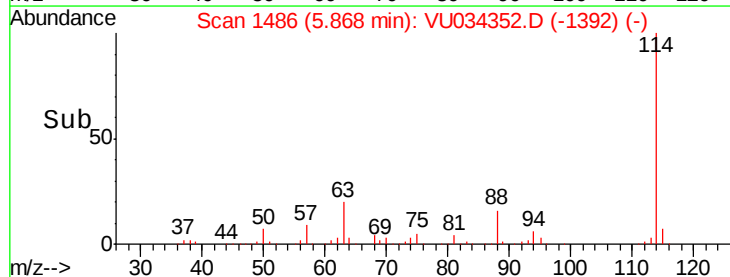
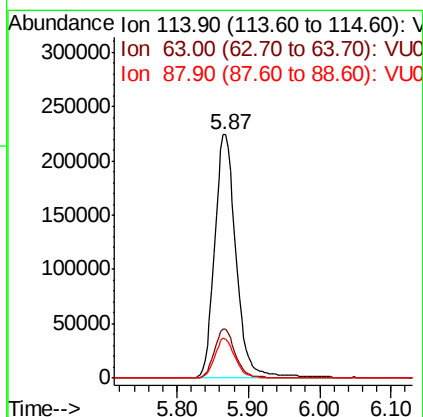
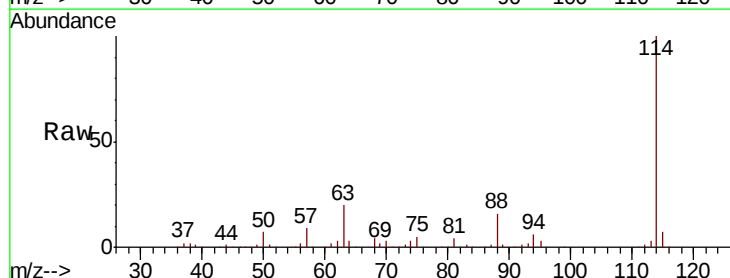
Instrument :
 MSVOA_U
 ClientSampleId :
 T12-A2-(3.5)

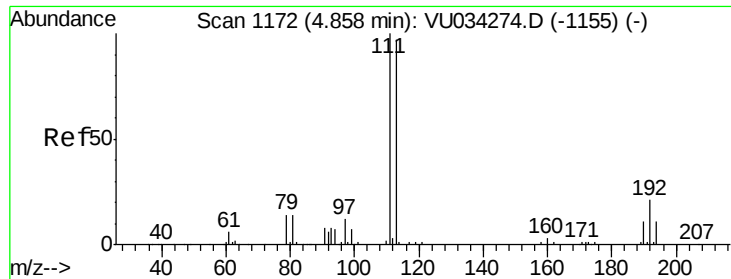
Tgt Ion: 65 Resp: 243051
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034352.D
 Acq: 07 Sep 2019 00:18

Tgt Ion: 114 Resp: 469536
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 16.0 0.0 32.4

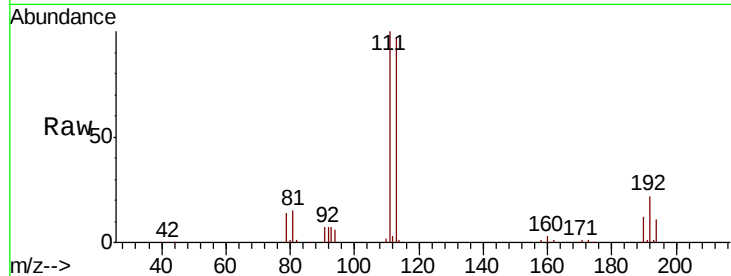




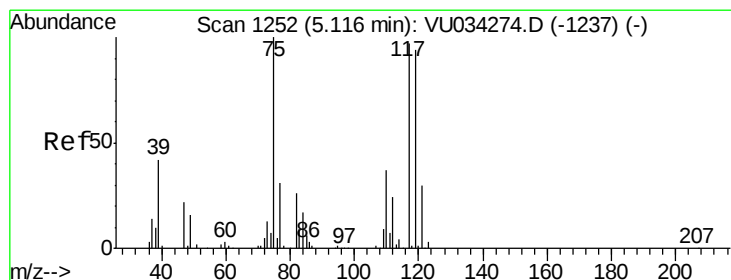
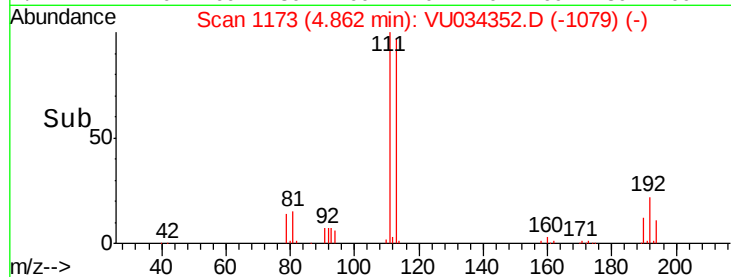
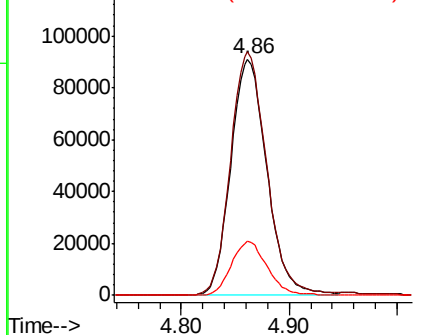
#35
 Dibromofluoromethane
 Concen: 48.495 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034352.D
 Acq: 07 Sep 2019 00:18

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-A2-(3.5)

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.5	122.3
192	22.6	17.8	26.8

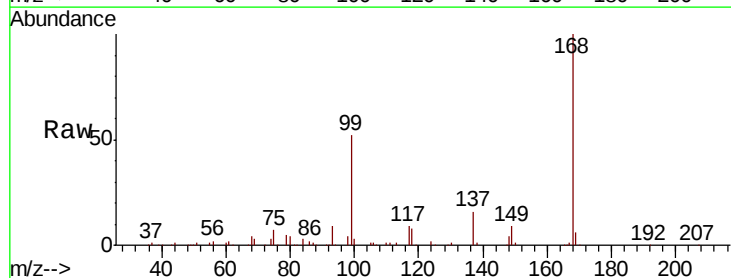


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

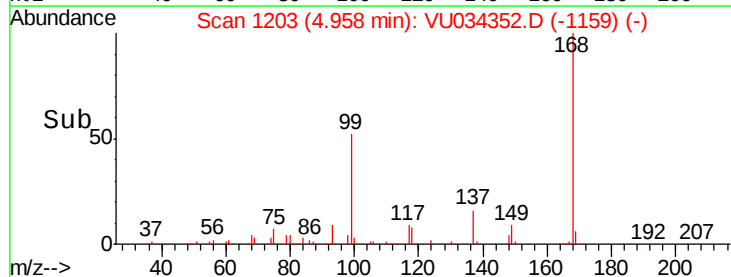
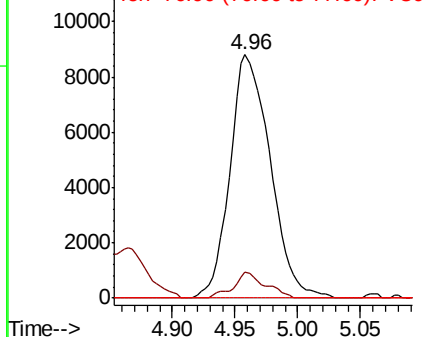


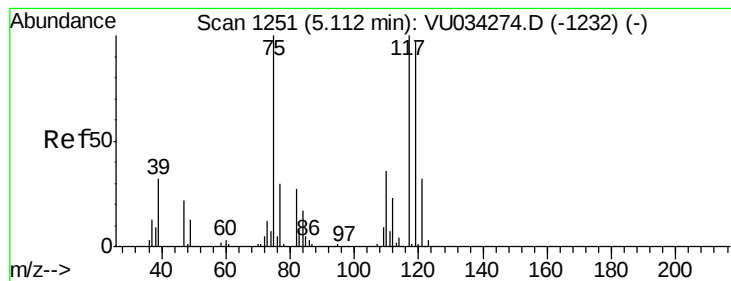
#36
 1,1-Dichloropropene
 Concen: 3.858 ug/l
 RT: 4.96 min Scan# 1203
 Delta R.T. -0.16 min
 Lab File: VU034352.D
 Acq: 07 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.3	54.9#
77	0.0	24.9	37.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.977 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.15 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

Instrument :

MSVOA_U

ClientSampleId :

T12-A2-(3.5)

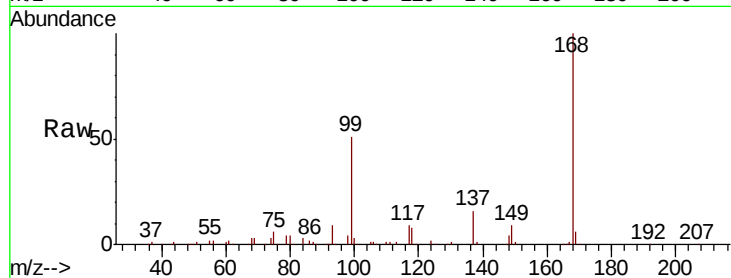
Tgt Ion:117 Resp: 27059

Ion Ratio Lower Upper

117 100

119 5.3 77.8 116.6#

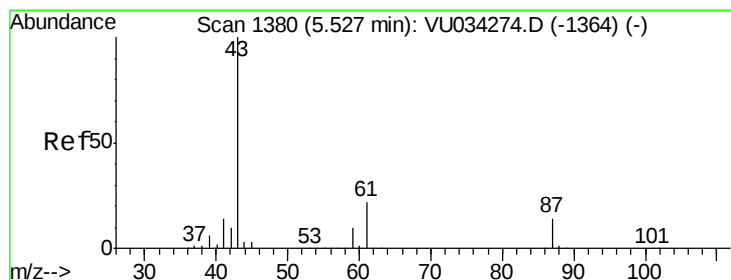
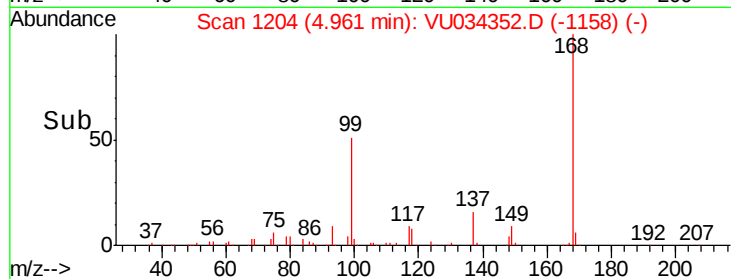
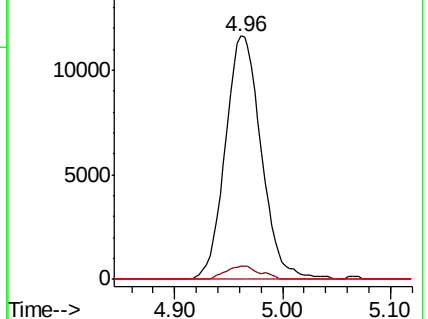
121 0.0 25.2 37.8#



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



#43

Isopropyl Acetate

Concen: 6.754 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

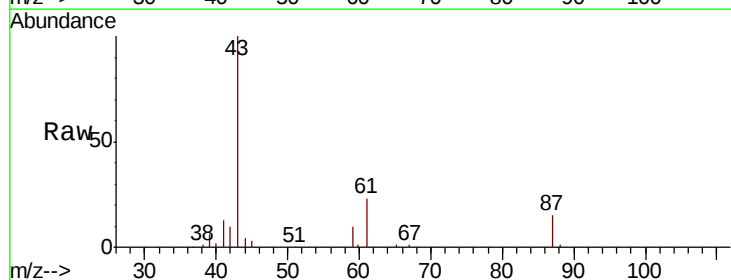
Tgt Ion: 43 Resp: 63430

Ion Ratio Lower Upper

43 100

61 20.9 17.1 25.7

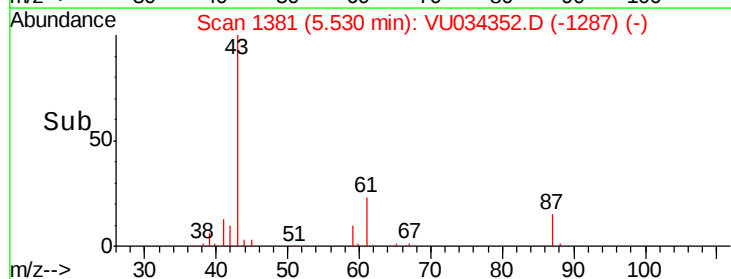
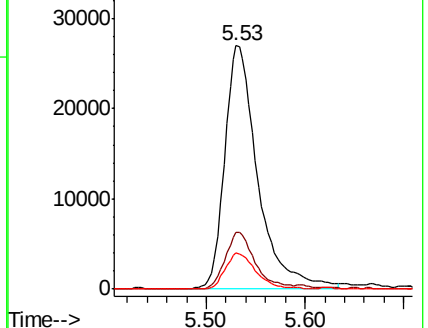
87 13.8 11.1 16.7

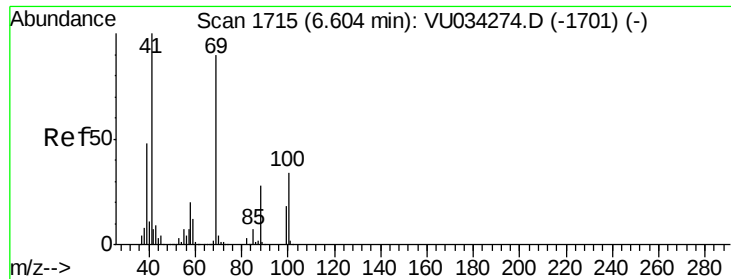


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

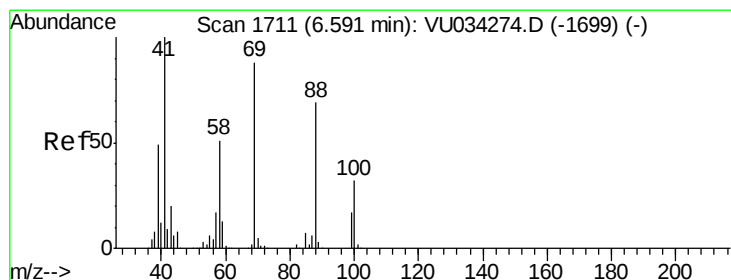
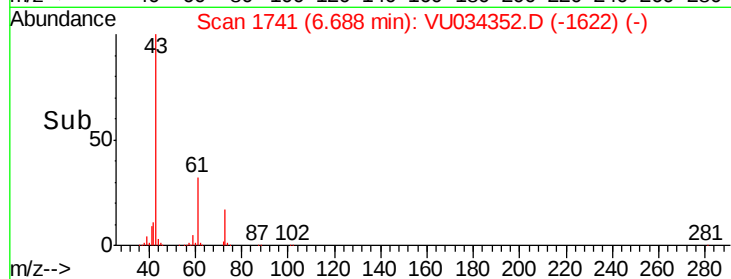
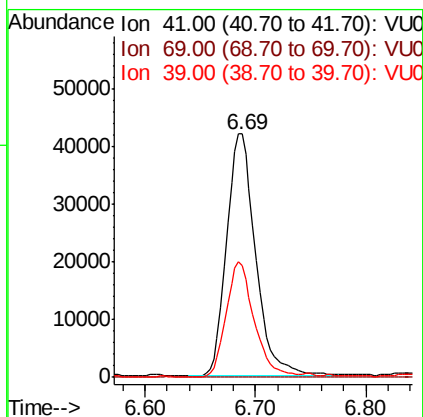
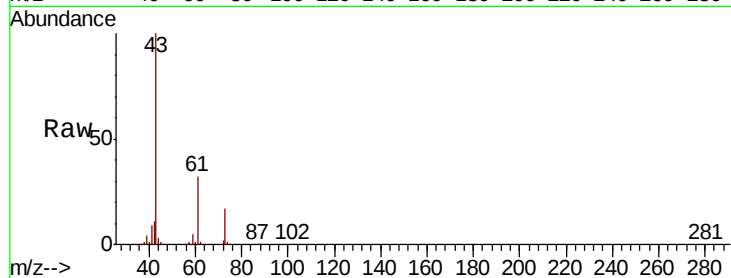




#48
Methyl methacrylate
Concen: 17.279 ug/l
RT: 6.69 min Scan# 1741
Delta R.T. 0.08 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

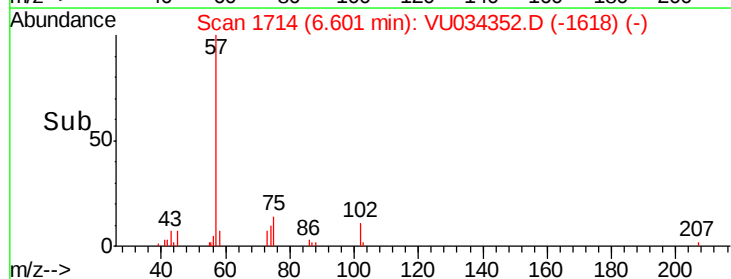
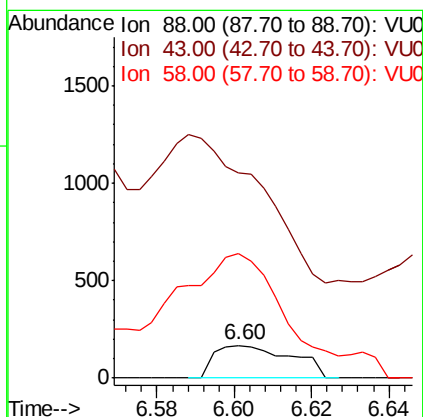
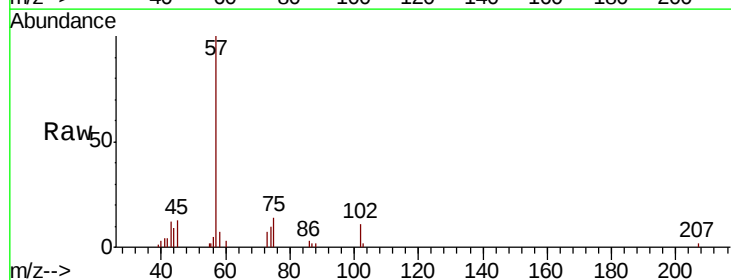
Instrument :
MSVOA_U
ClientSampleId :
T12-A2-(3.5)

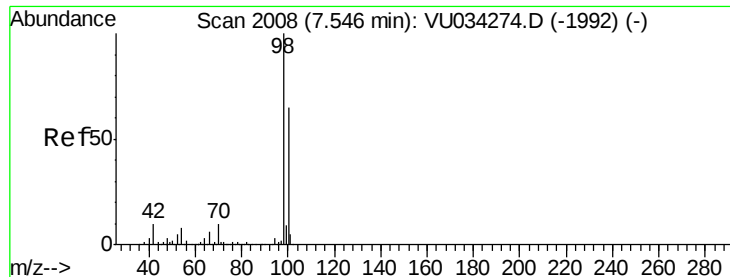
Tgt Ion: 41 Resp: 77077
Ion Ratio Lower Upper
41 100
69 0.1 72.8 109.2#
39 46.2 38.6 58.0



#49
1,4-Dioxane
Concen: 2.371 ug/l
RT: 6.60 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

Tgt Ion: 88 Resp: 231
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.6#
58 557.1 58.4 87.6#

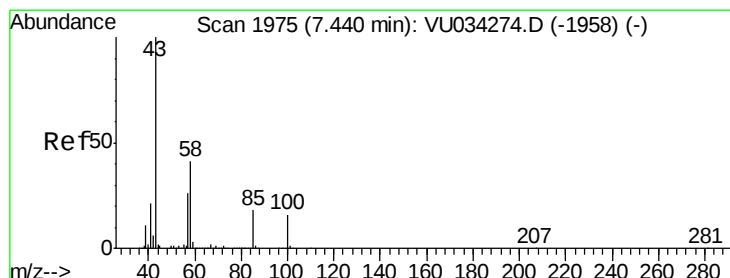
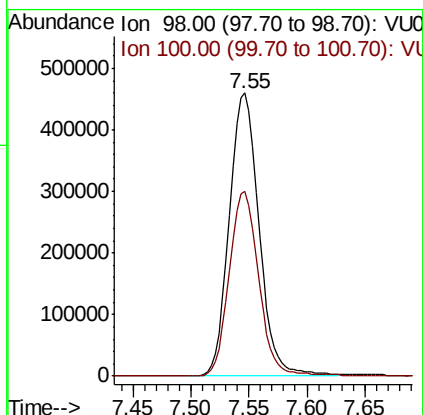
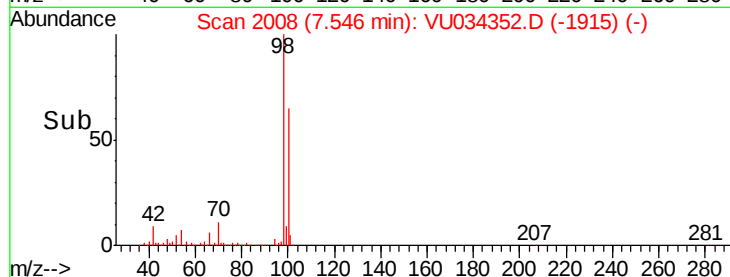
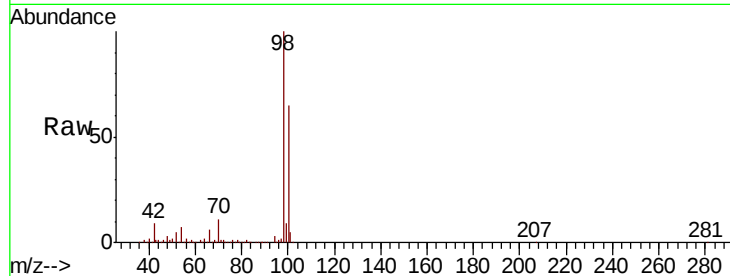




#50
Toluene-d8
Concen: 49.728 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

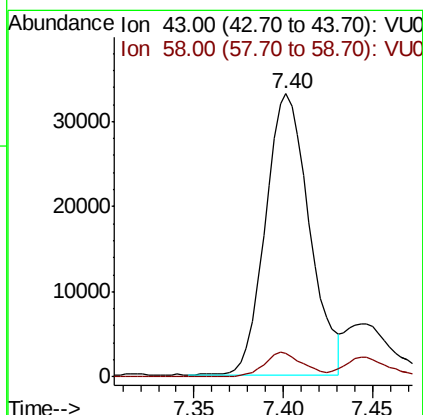
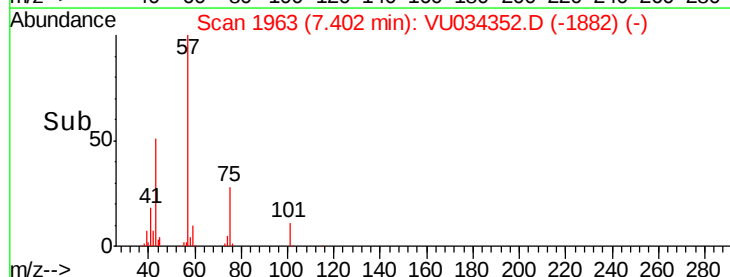
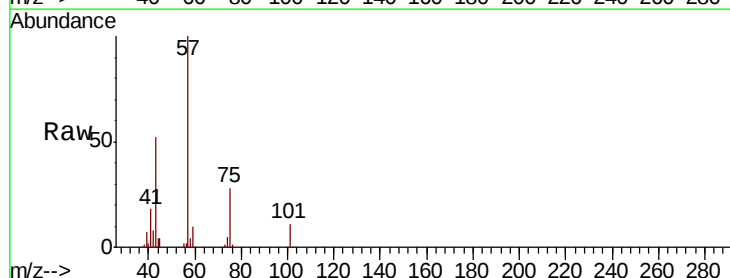
Instrument :
MSVOA_U
ClientSampleId :
T12-A2-(3.5)

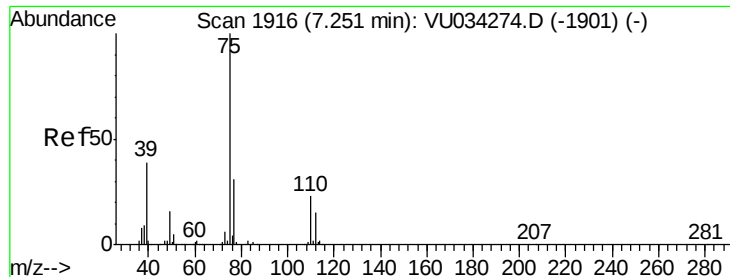
Tgt Ion: 98 Resp: 816265
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 8.700 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

Tgt Ion: 43 Resp: 56561
Ion Ratio Lower Upper
43 100
58 7.9 33.0 49.4#





#54

cis-1,3-Dichloropropene

Concen: 4.602 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. 0.15 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

Instrument :

MSVOA_U

ClientSampleId :

T12-A2-(3.5)

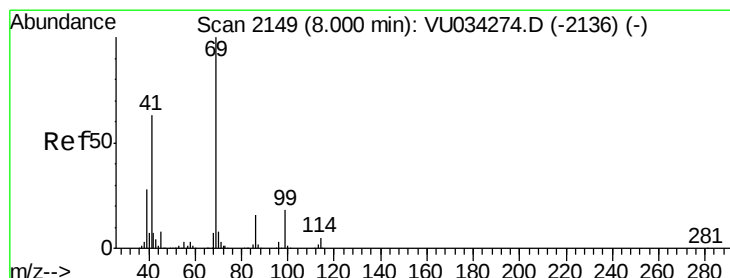
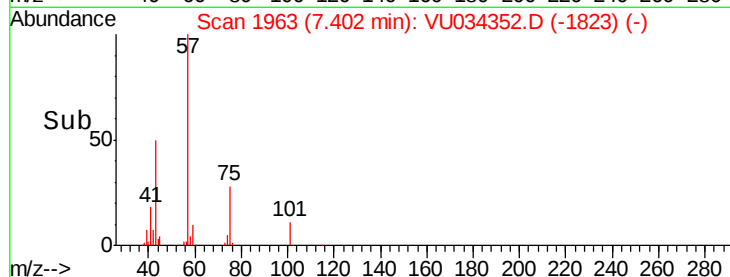
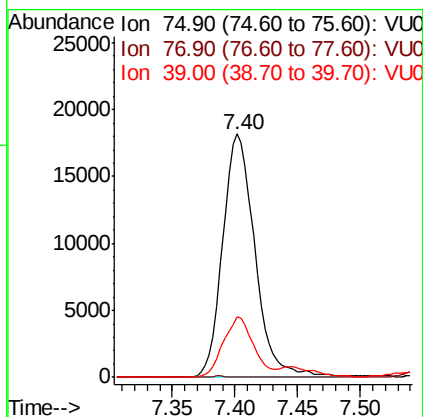
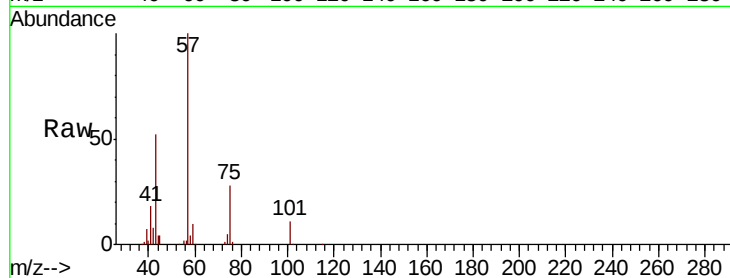
Tgt Ion: 75 Resp: 32497

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

39 24.6 31.2 46.8#



#56

Ethyl methacrylate

Concen: 3.164 ug/l

RT: 8.02 min Scan# 2155

Delta R.T. 0.02 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

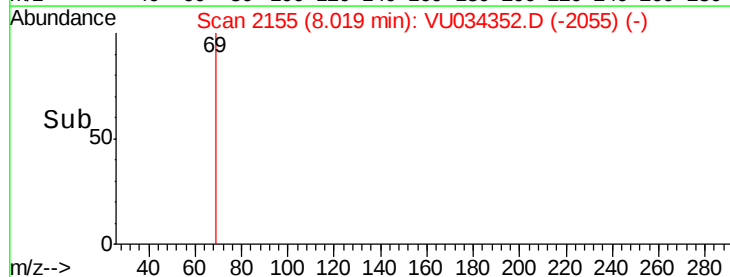
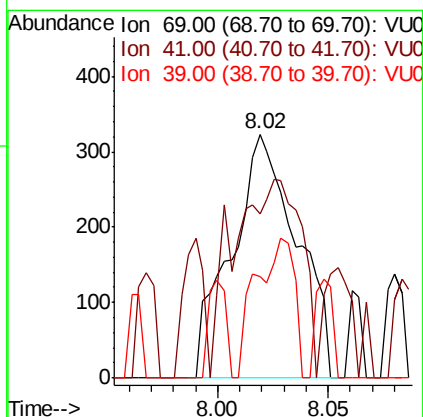
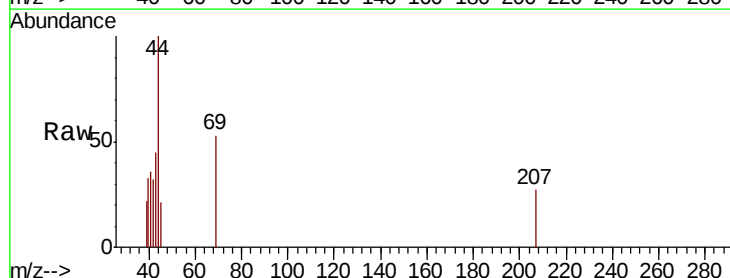
Tgt Ion: 69 Resp: 666

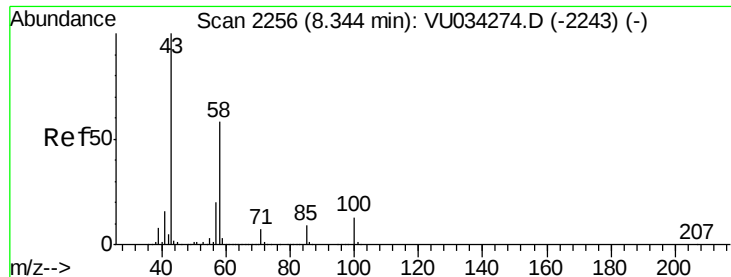
Ion Ratio Lower Upper

69 100

41 0.0 49.5 74.3#

39 0.0 22.5 33.7#

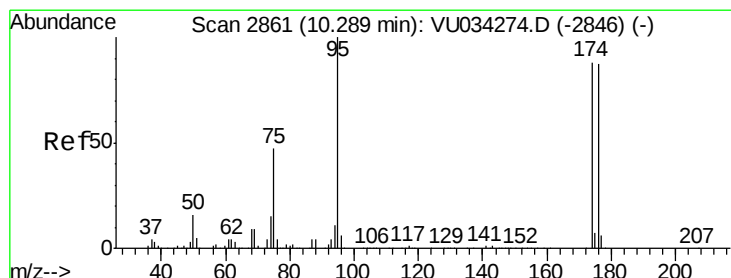
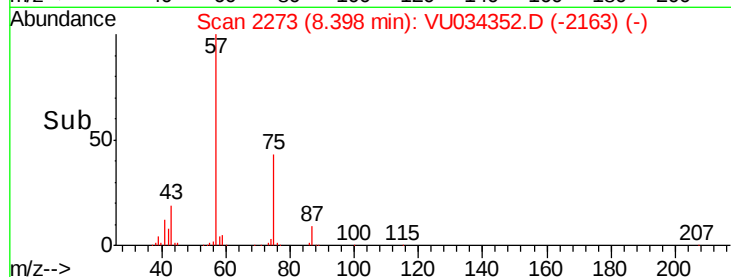
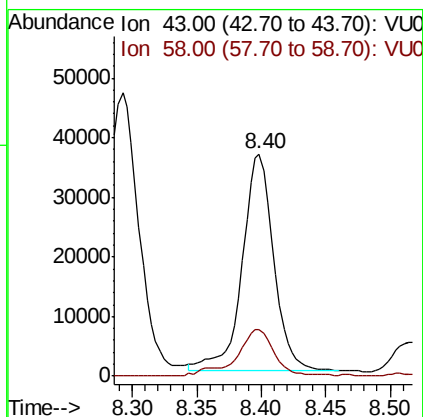
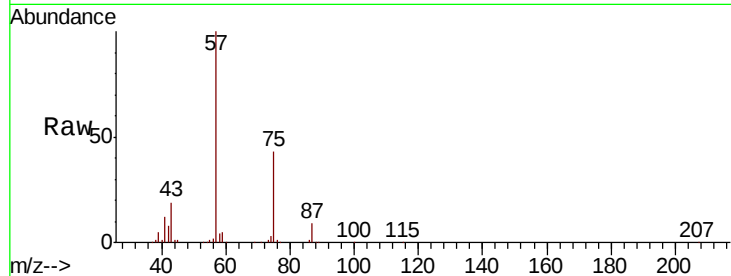




#59
2-Hexanone
Concen: 12.704 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.05 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

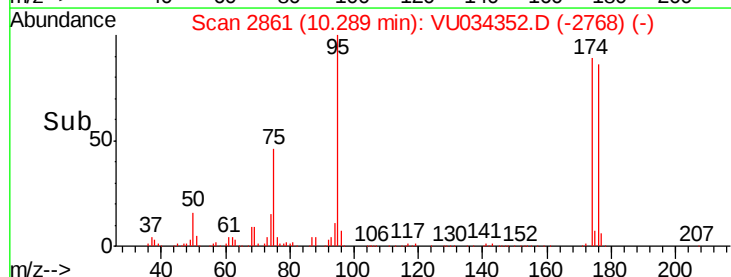
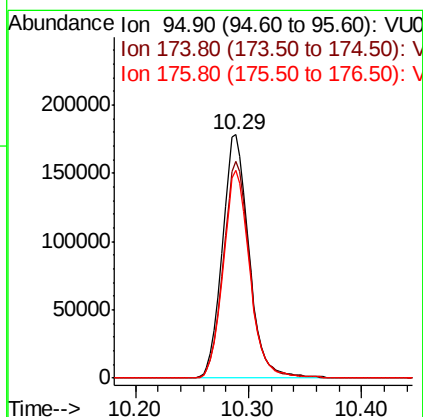
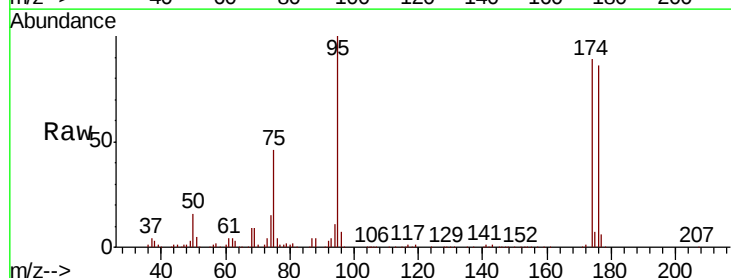
Instrument :
MSVOA_U
ClientSampled :
T12-A2-(3.5)

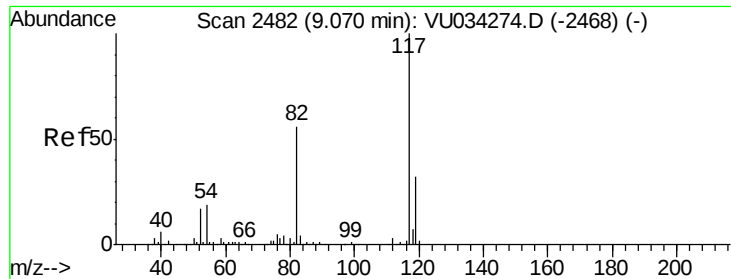
Tgt Ion: 43 Resp: 61702
Ion Ratio Lower Upper
43 100
58 22.6 28.8 86.5#



#62
4-Bromofluorobenzene
Concen: 46.102 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

Tgt Ion: 95 Resp: 292177
Ion Ratio Lower Upper
95 100
174 88.9 0.0 175.2
176 85.3 0.0 168.0

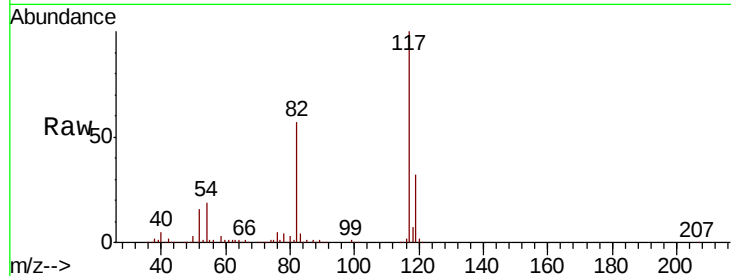




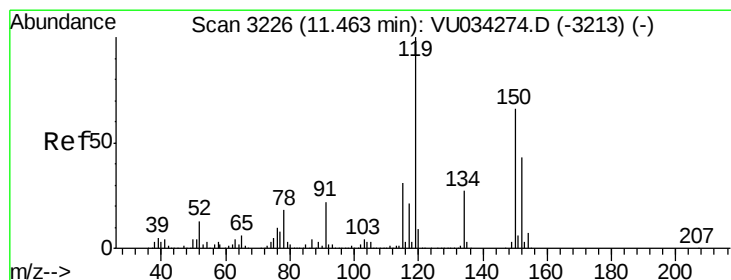
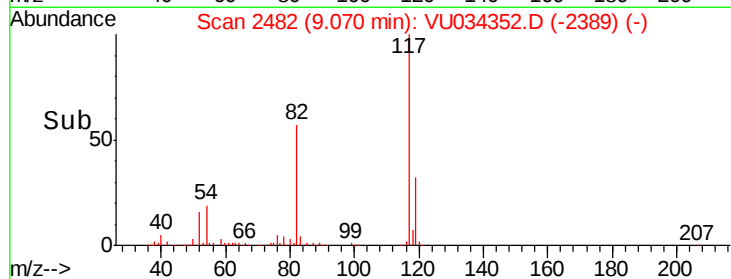
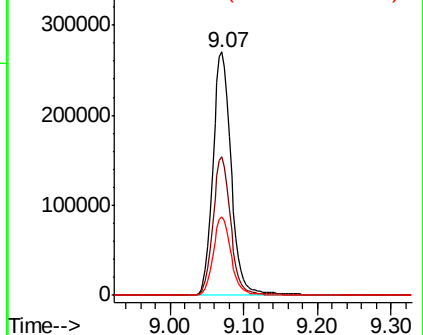
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.07 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: VU034352.D
 Acq: 07 Sep 2019 00:18

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-A2-(3.5)

Tgt Ion:117 Resp: 466676
 Ion Ratio Lower Upper
 117 100
 82 56.7 44.6 67.0
 119 32.3 25.9 38.9

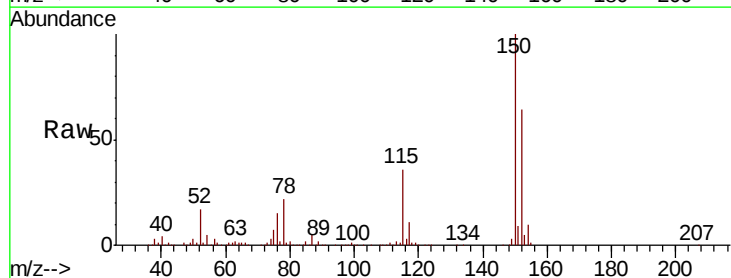


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VU0
 Ion 118.90 (118.60 to 119.60): V

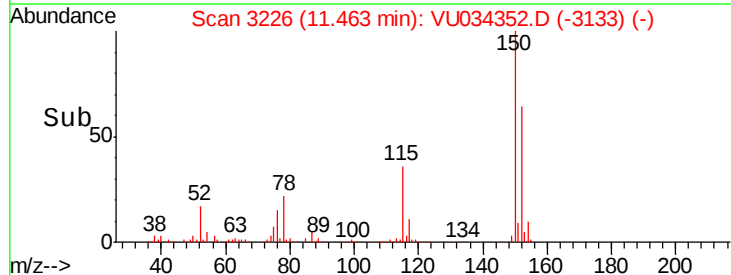
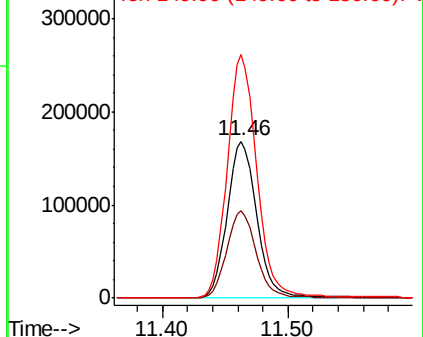


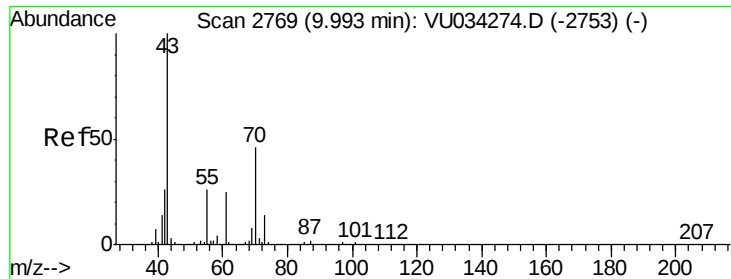
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.00 min
 Lab File: VU034352.D
 Acq: 07 Sep 2019 00:18

Tgt Ion:152 Resp: 275582
 Ion Ratio Lower Upper
 152 100
 115 55.7 39.1 117.3
 150 156.0 0.0 345.4



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: 0.287 ug/l

RT: 9.93 min Scan# 2748

Delta R.T. -0.07 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

Instrument :

MSVOA_U

ClientSampleId :

T12-A2-(3.5)

Tgt Ion: 43 Resp: 2071

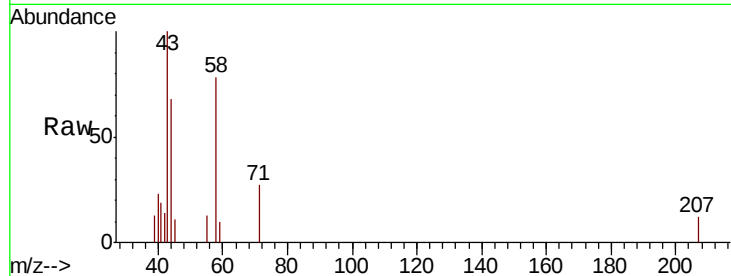
Ion Ratio Lower Upper

43 100

70 0.0 36.4 54.6#

55 6.4 21.2 31.8#

61 0.0 20.4 30.6#

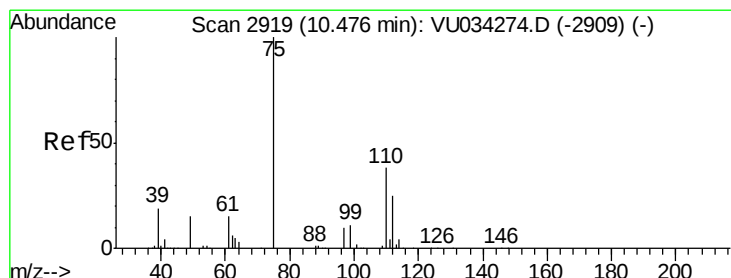
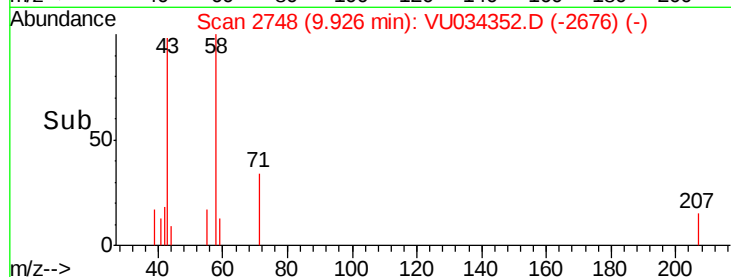
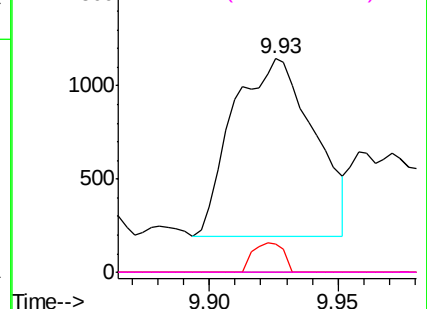


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 22.656 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034352.D

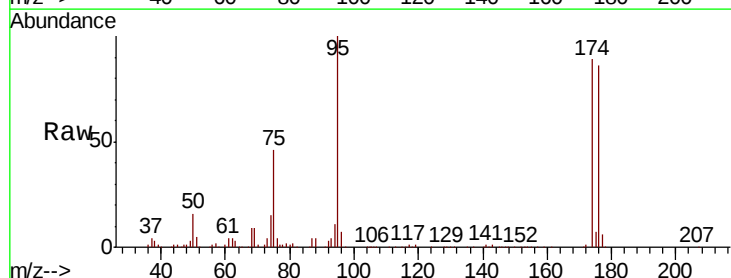
Acq: 07 Sep 2019 00:18

Tgt Ion: 75 Resp: 136287

Ion Ratio Lower Upper

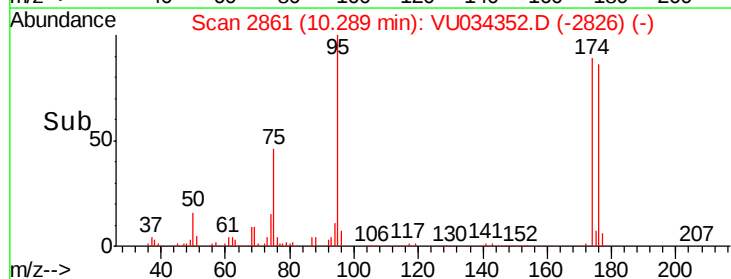
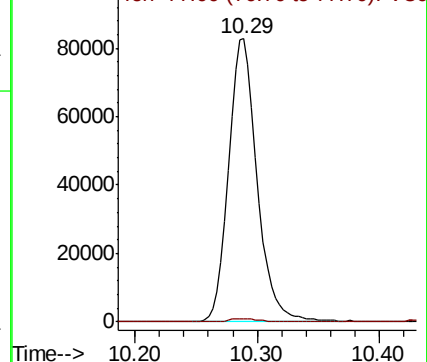
75 100

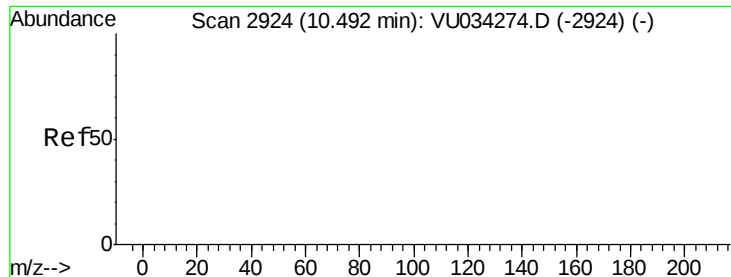
77 1.3 20.8 62.2#



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: 76.191 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.20 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

Instrument :

MSVOA_U

ClientSampleId :

T12-A2-(3.5)

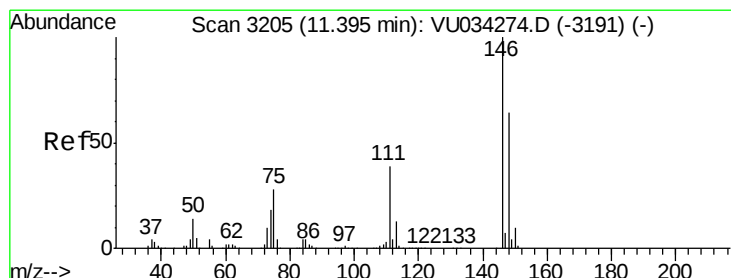
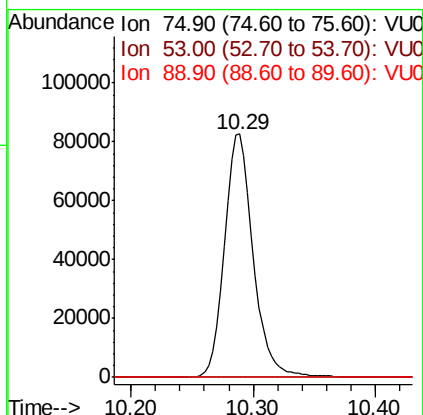
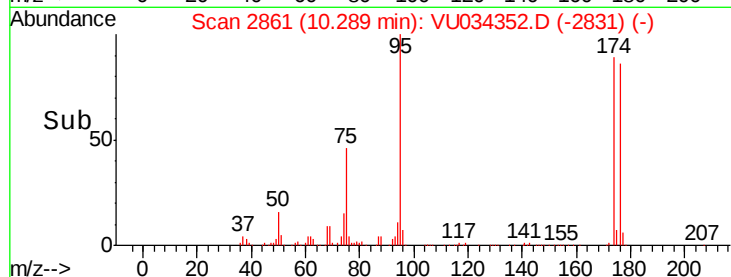
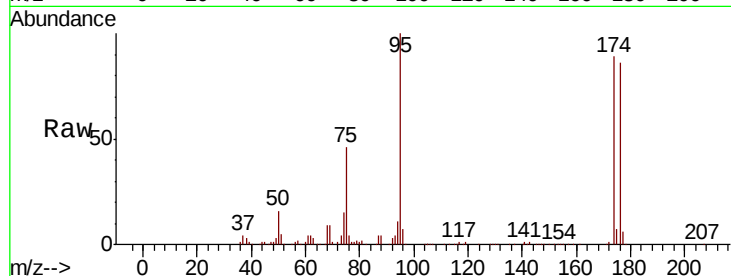
Tgt Ion: 75 Resp: 136287

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#87

1,3-Dichlorobenzene

Concen: 0.249 ug/l

RT: 11.40 min Scan# 3208

Delta R.T. 0.01 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

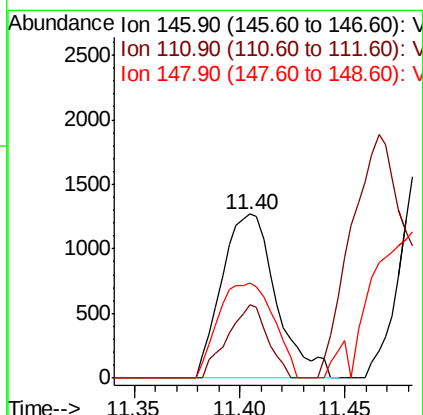
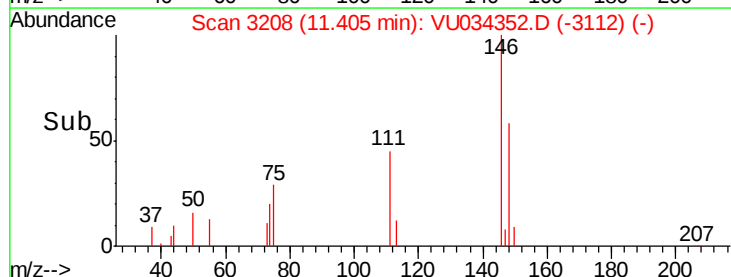
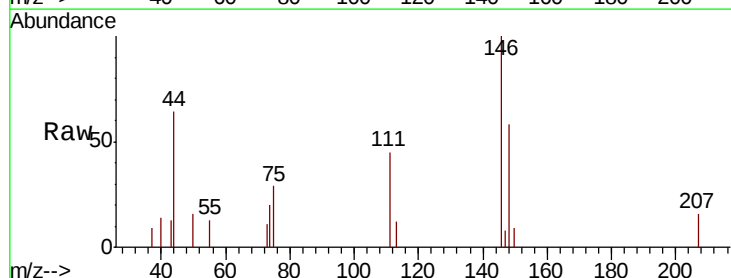
Tgt Ion: 146 Resp: 2283

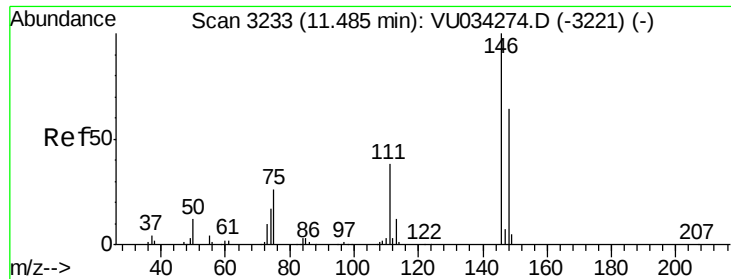
Ion Ratio Lower Upper

146 100

111 32.6 19.5 58.5

148 58.8 32.1 96.3

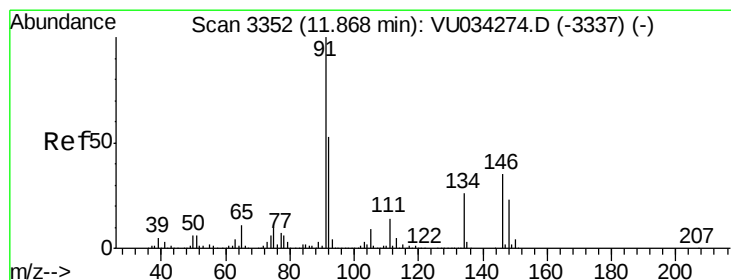
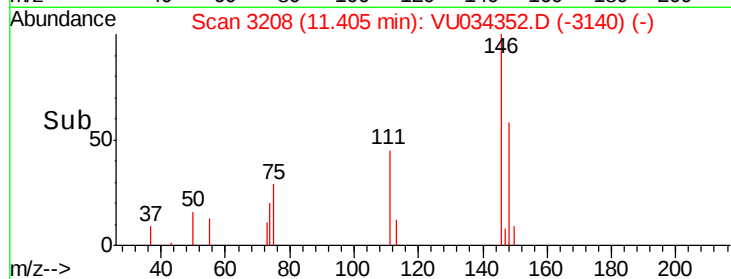
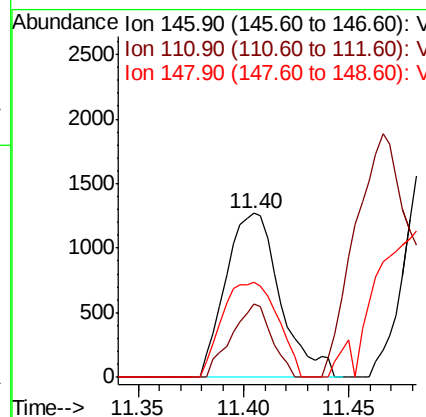
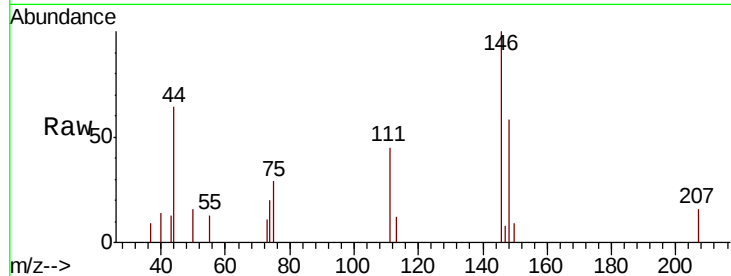




#88
 1,4-Dichlorobenzene
 Concen: 0.239 ug/l
 RT: 11.40 min Scan# 3208
 Delta R.T. -0.08 min
 Lab File: VU034352.D
 Acq: 07 Sep 2019 00:18

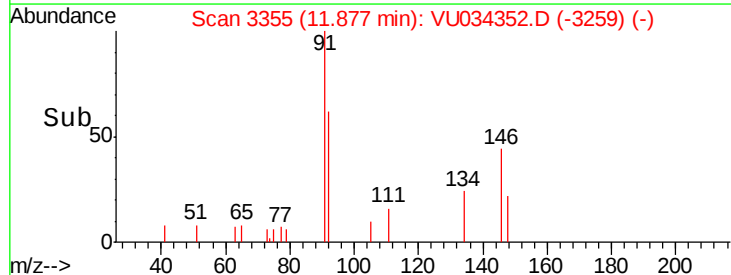
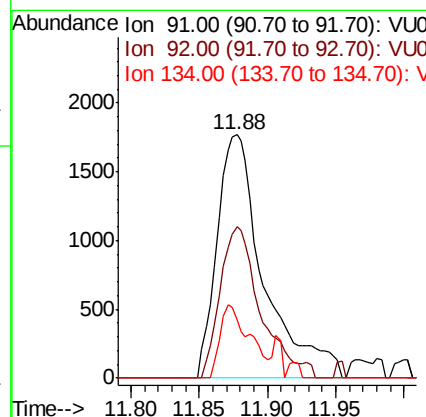
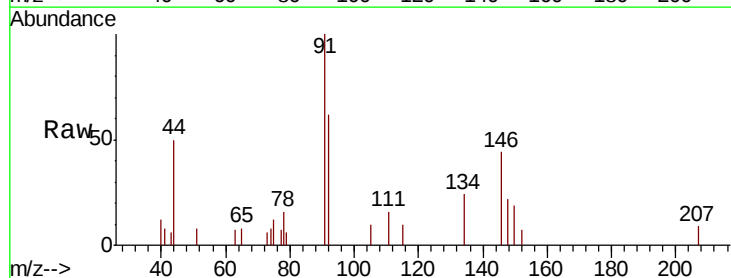
Instrument :
 MSVOA_U
 ClientSampleId :
 T12-A2-(3.5)

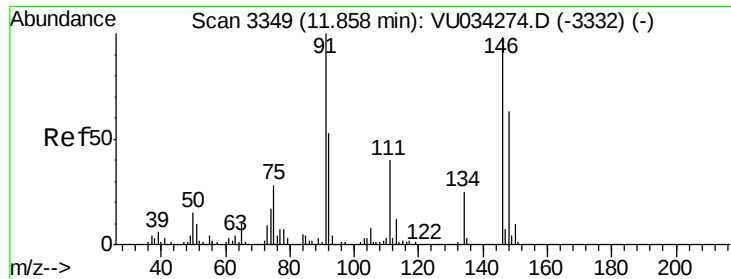
Tgt Ion: 146 Resp: 2283
 Ion Ratio Lower Upper
 146 100
 111 32.6 19.1 57.3
 148 58.8 32.0 96.0



#89
 n-Butylbenzene
 Concen: 0.297 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.01 min
 Lab File: VU034352.D
 Acq: 07 Sep 2019 00:18

Tgt Ion: 91 Resp: 4213
 Ion Ratio Lower Upper
 91 100
 92 53.9 26.5 79.4
 134 18.7 13.2 39.6

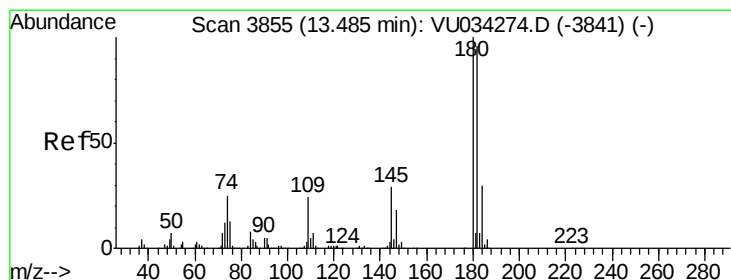
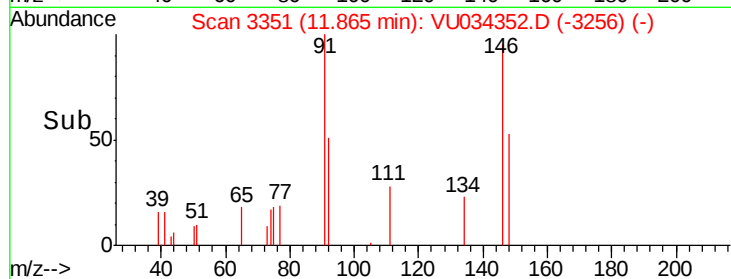
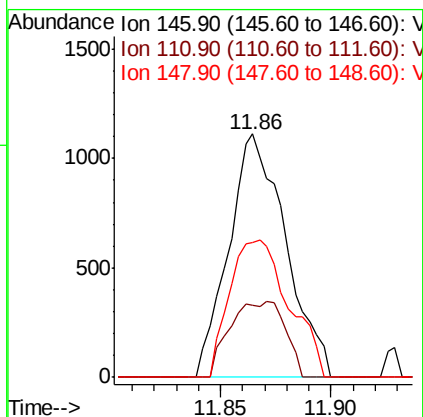
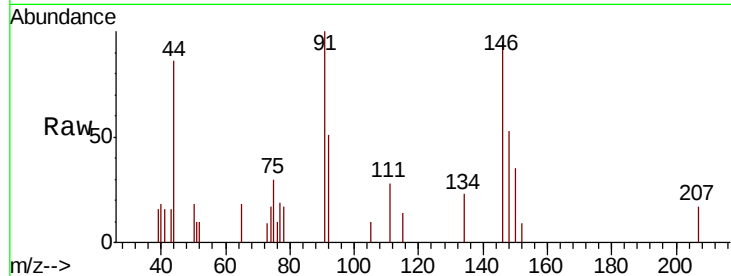




#91
 1,2-Dichlorobenzene
 Concen: 0.221 ug/l
 RT: 11.86 min Scan# 3351
 Delta R.T. 0.01 min
 Lab File: VU034352.D
 Acq: 07 Sep 2019 00:18

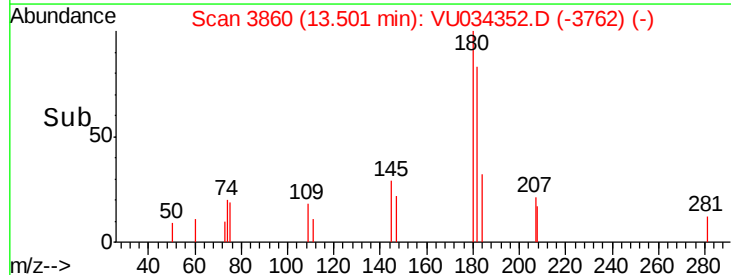
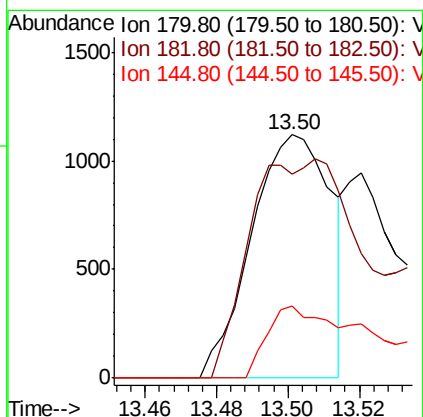
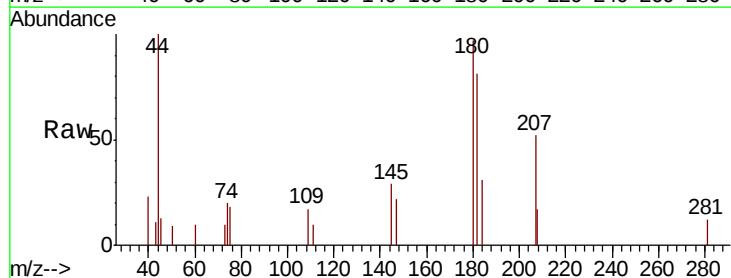
Instrument :
 MSVOA_U
 ClientSampleId :
 T12-A2-(3.5)

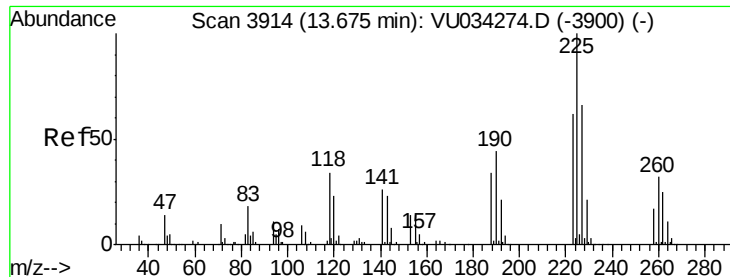
Tgt Ion:146 Resp: 1991
 Ion Ratio Lower Upper
 146 100
 111 30.1 20.0 60.0
 148 58.7 31.6 94.8



#93
 1,2,4-Trichlorobenzene
 Concen: 3.698 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.02 min
 Lab File: VU034352.D
 Acq: 07 Sep 2019 00:18

Tgt Ion:180 Resp: 1726
 Ion Ratio Lower Upper
 180 100
 182 54.1 47.9 143.8
 145 34.2 14.4 43.0





#94

Hexachlorobutadiene

Concen: 0.442 ug/l

RT: 13.67 min Scan# 3914

Delta R.T. 0.00 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

Instrument :

MSVOA_U

ClientSampleId :

T12-A2-(3.5)

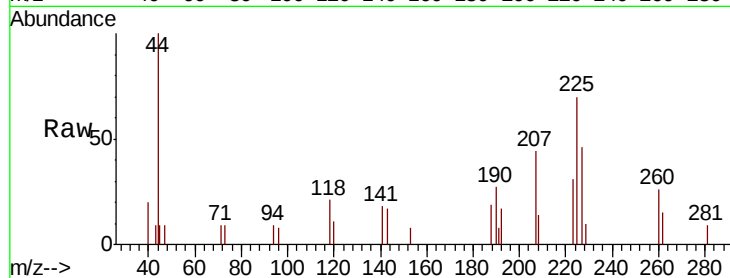
Tgt Ion:225 Resp: 1391

Ion Ratio Lower Upper

225 100

223 53.3 31.6 94.7

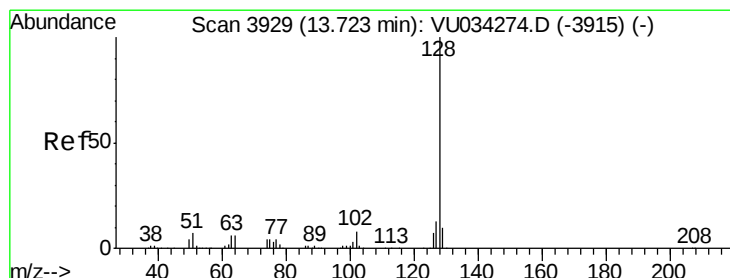
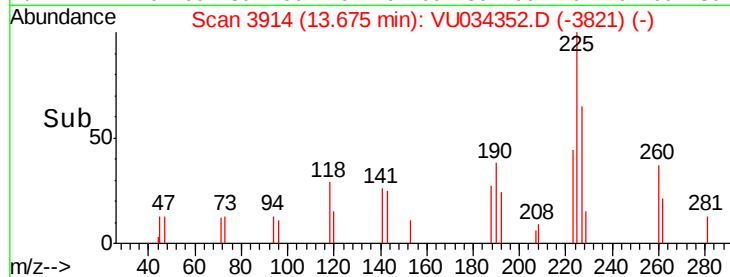
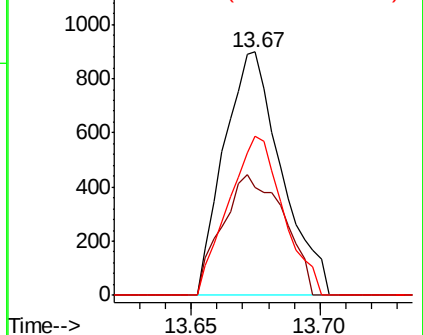
227 62.5 32.3 96.8



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: 4.883 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. 0.02 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

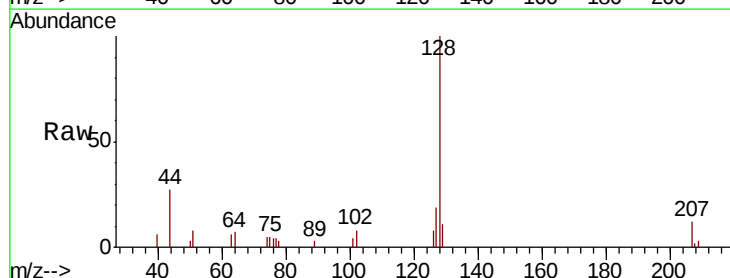
Tgt Ion:128 Resp: 18297

Ion Ratio Lower Upper

128 100

127 9.9 10.6 15.8#

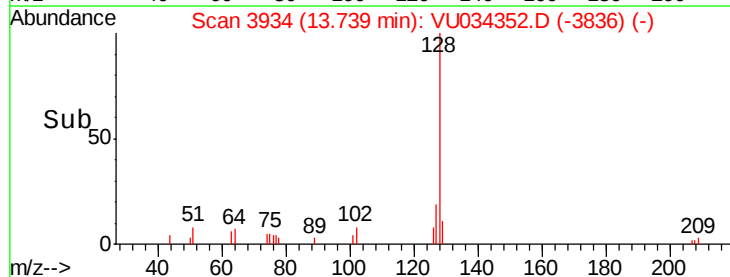
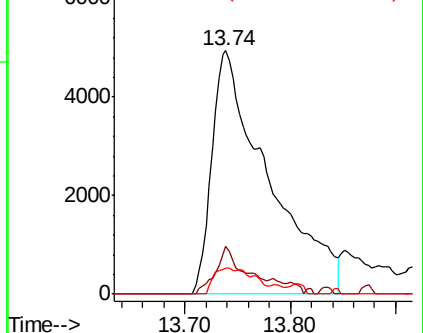
129 7.4 8.4 12.6#

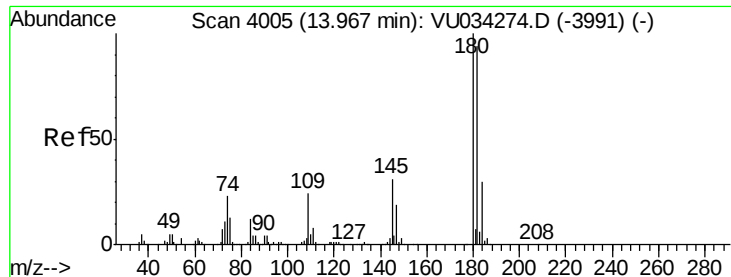


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.302 ug/l
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.02 min
 Lab File: VU034352.D
 Acq: 07 Sep 2019 00:18

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-A2-(3.5)

Tgt Ion:180 Resp: 4412
 Ion Ratio Lower Upper
 180 100
 182 92.3 48.4 145.0
 145 17.7 15.4 46.4

