

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034522.D
 Acq On : 12 Sep 2019 16:04
 Operator : JC/SP
 Sample : VU0912WBL03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBL03

Quant Time: Sep 13 07:10:04 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	225920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	325225	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	322125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	186792	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	188574	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
35) Dibromofluoromethane	4.86	113	167039	55.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.40%	
50) Toluene-d8	7.54	98	578667	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	10.29	95	204197	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1570	0.530	ug/l	94
5) Bromomethane	1.63	94	1470	Below Cal		94
6) Chloroethane	1.70	64	103	Below Cal	#	43
10) Methyl Iodide	2.41	142	874	4.184	ug/l #	63
11) Tert butyl alcohol	2.82	59	9964	13.798	ug/l #	74
13) Acrolein	2.18	56	421	0.694	ug/l #	68
15) Acrylonitrile	2.95	53	421	0.234	ug/l #	90
16) Acetone	2.31	43	2277	1.287	ug/l	98
17) Carbon Disulfide	2.47	76	1241	0.225	ug/l #	81
18) Methyl Acetate	2.62	43	973	0.226	ug/l #	52
20) Methylene Chloride	2.69	84	904	Below Cal	#	85
29) Tetrahydrofuran	4.63	42	295	0.205	ug/l #	37
31) Cyclohexane	4.96	56	3767	0.941	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	15157	4.297	ug/l #	48
38) Carbon Tetrachloride	4.96	117	20204	5.365	ug/l #	16
49) 1,4-Dioxane	6.62	88	101	1.497	ug/l #	33
51) 4-Methyl-2-Pentanone	7.45	43	4600	1.022	ug/l	99
56) Ethyl methacrylate	8.04	69	237	3.122	ug/l #	75
59) 2-Hexanone	8.37	43	3146	0.935	ug/l	84
74) N-amyl acetate	10.02	43	1512	0.309	ug/l #	59
76) 1,2,3-Trichloropropane	10.29	75	95792	23.494	ug/l #	36
78) n-propylbenzene	10.57	91	3135	0.223	ug/l	94
79) 2-Chlorotoluene	10.65	91	1941	0.227	ug/l	91
81) trans-1,4-Dichloro-2-buten	10.29	75	95792	79.008	ug/l #	100
82) 4-Chlorotoluene	10.76	91	2694	0.273	ug/l	91
85) sec-Butylbenzene	11.31	105	2718	0.226	ug/l	84
87) 1,3-Dichlorobenzene	11.40	146	2201	0.355	ug/l	94
88) 1,4-Dichlorobenzene	11.40	146	2201	0.340	ug/l	94
89) n-Butylbenzene	11.87	91	3184	0.331	ug/l	95
91) 1,2-Dichlorobenzene	11.87	146	1923	0.315	ug/l	98
93) 1,2,4-Trichlorobenzene	13.50	180	1930	3.858	ug/l	86
94) Hexachlorobutadiene	13.67	225	1048	0.492	ug/l	94
95) Naphthalene	13.74	128	13079	4.933	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.98	180	1469	2.965	ug/l	86

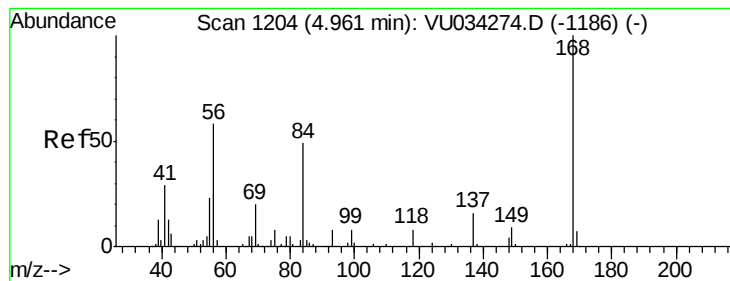
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
Data File : VU034522.D
Acq On : 12 Sep 2019 16:04
Operator : JC/SP
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Quant Time: Sep 13 07:10:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

(#) = 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: VU034522.D

Acq: 12 Sep 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

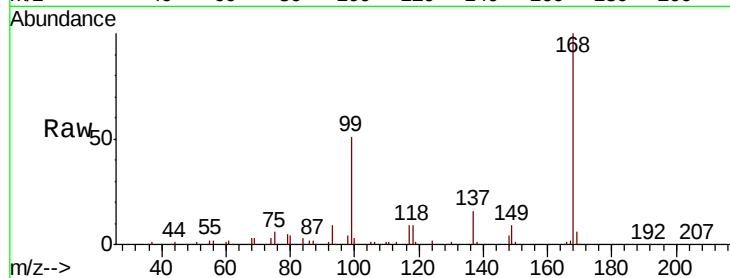
VU0912WBL03

Tgt Ion:168 Resp: 225920

Ion Ratio Lower Upper

168 100

99 51.0 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

100000

80000

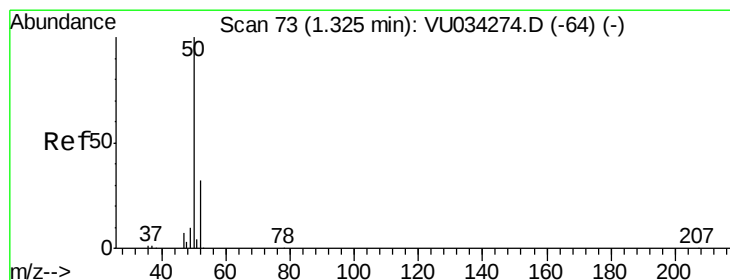
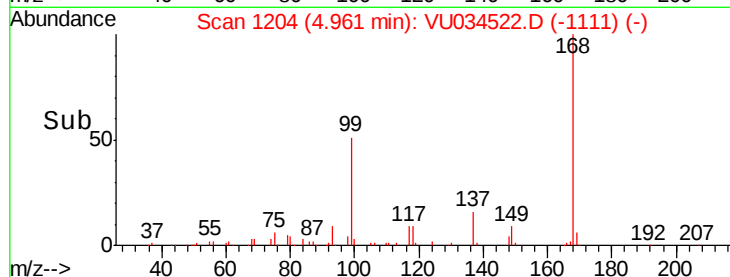
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.530 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034522.D

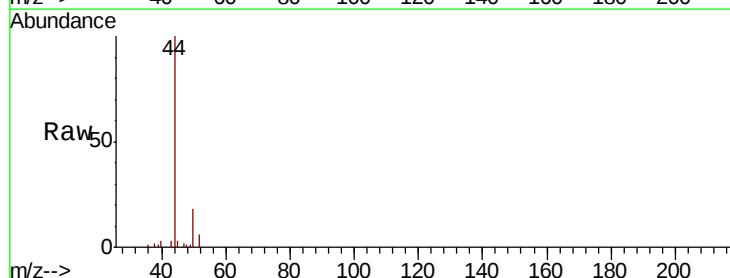
Acq: 12 Sep 2019 16:04

Tgt Ion: 50 Resp: 1570

Ion Ratio Lower Upper

50 100

52 35.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VU034274.D (-64) (-)

Ion 51.90 (51.60 to 52.60): VU034274.D (-64) (-)

1.32

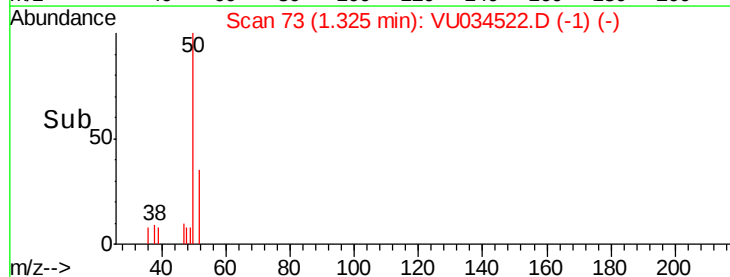
1500

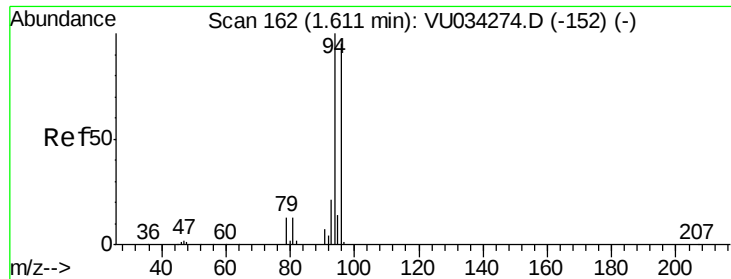
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 167

Delta R.T. 0.02 min

Lab File: VU034522.D

Acq: 12 Sep 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

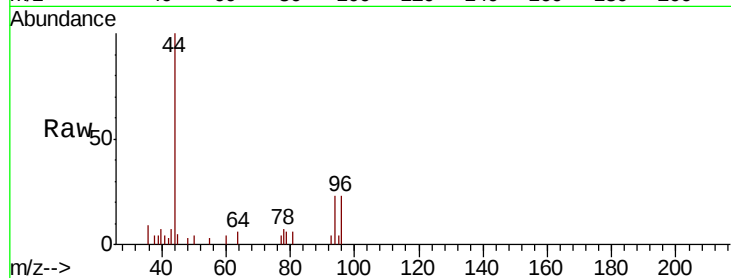
VU0912WBL03

Tgt Ion: 94 Resp: 1470

Ion Ratio Lower Upper

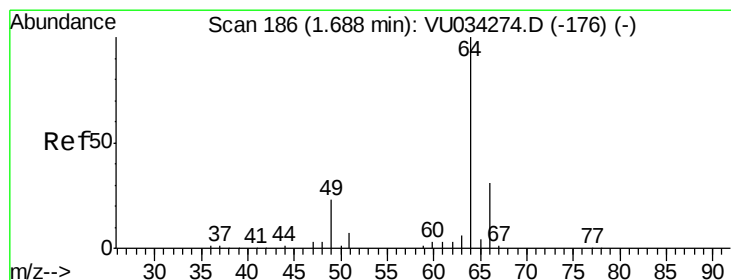
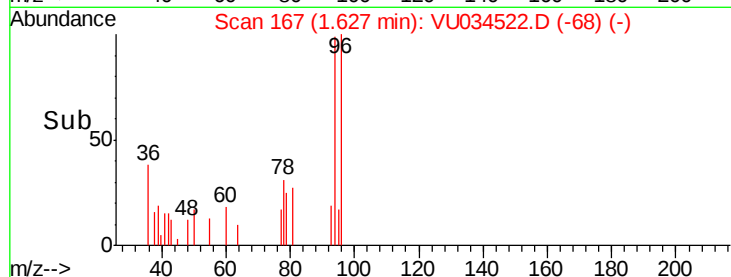
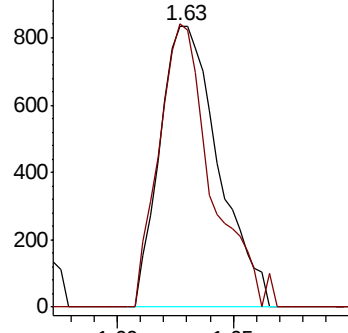
94 100

96 100.6 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 190

Delta R.T. 0.01 min

Lab File: VU034522.D

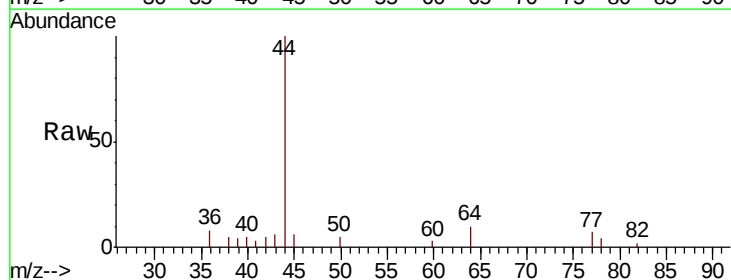
Acq: 12 Sep 2019 16:04

Tgt Ion: 64 Resp: 103

Ion Ratio Lower Upper

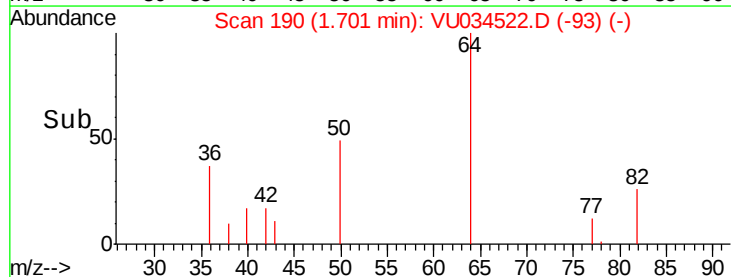
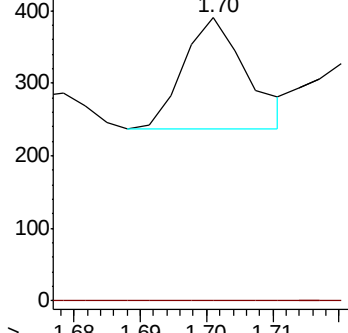
64 100

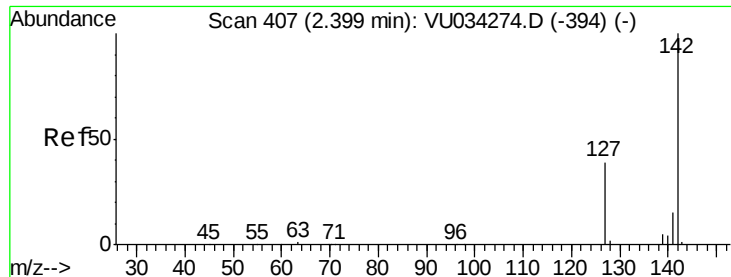
66 0.0 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

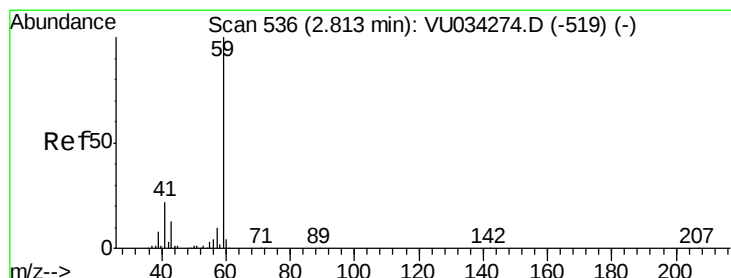
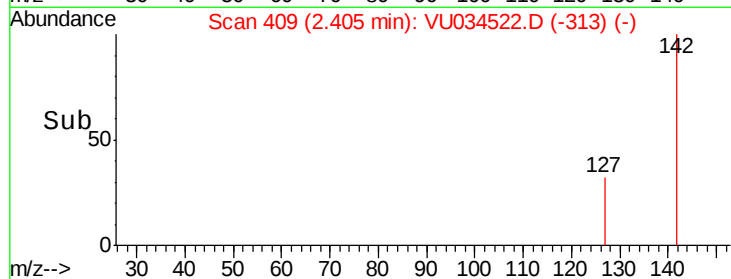
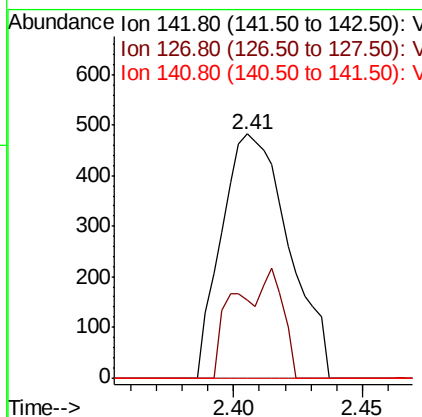
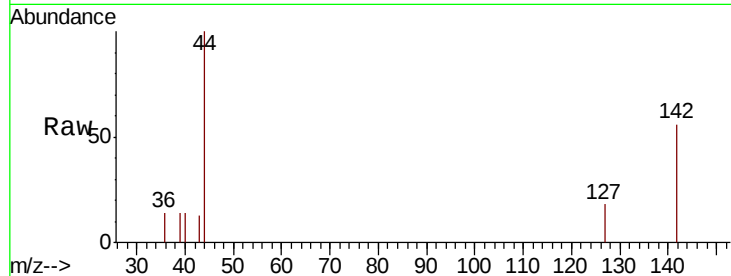




#10
Methyl Iodide
Concen: 4.184 ug/l
RT: 2.41 min Scan# 409
Delta R.T. 0.01 min
Lab File: VU034522.D
Acq: 12 Sep 2019 16:04

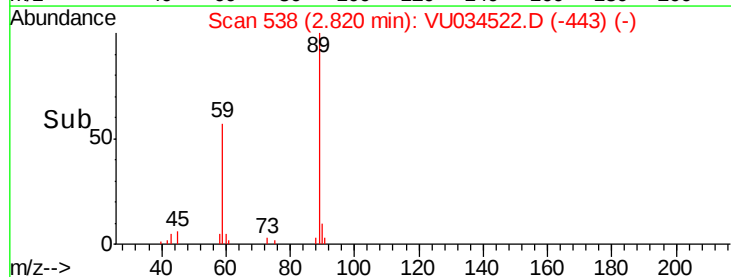
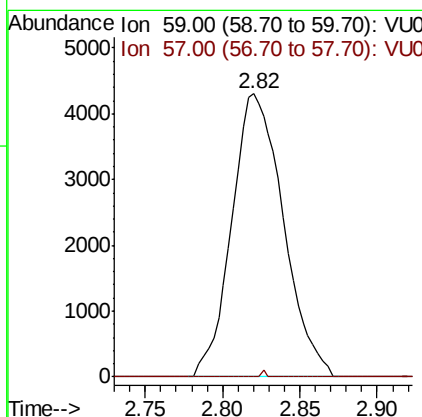
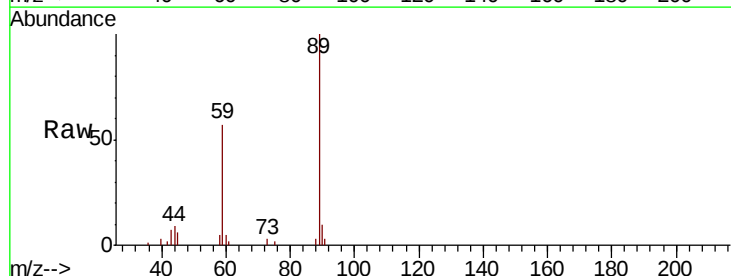
Instrument :
MSVOA_U
ClientSampleId :
VU0912WBL03

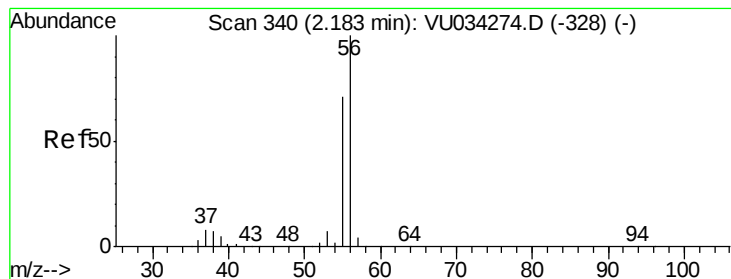
Tgt Ion:142 Resp: 874
Ion Ratio Lower Upper
142 100
127 16.7 32.1 48.1#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 13.798 ug/l
RT: 2.82 min Scan# 538
Delta R.T. 0.01 min
Lab File: VU034522.D
Acq: 12 Sep 2019 16:04

Tgt Ion: 59 Resp: 9964
Ion Ratio Lower Upper
59 100
57 0.2 7.9 11.9#





#13

Acrolein

Concen: 0.694 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034522.D

Acq: 12 Sep 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

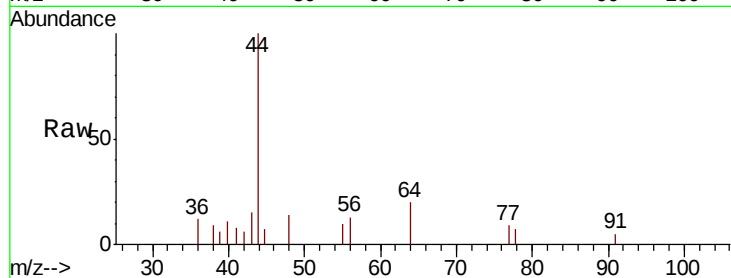
VU0912WBL03

Tgt Ion: 56 Resp: 421

Ion Ratio Lower Upper

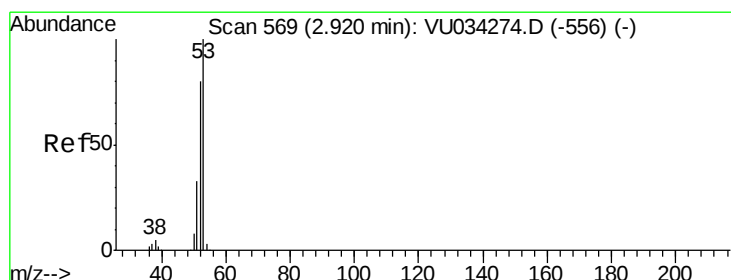
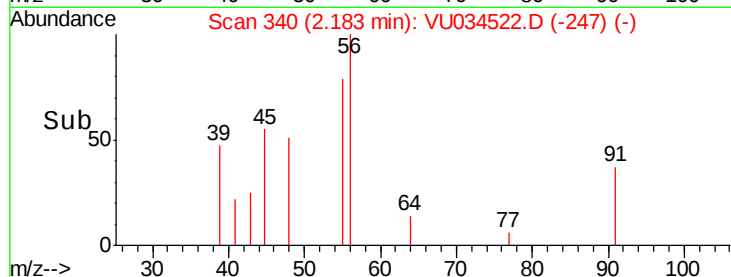
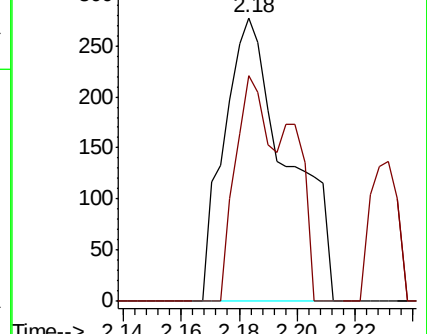
56 100

55 45.1 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#15

Acrylonitrile

Concen: 0.234 ug/l

RT: 2.95 min Scan# 578

Delta R.T. 0.03 min

Lab File: VU034522.D

Acq: 12 Sep 2019 16:04

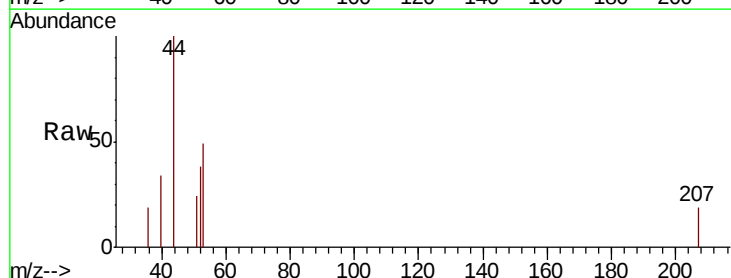
Tgt Ion: 53 Resp: 421

Ion Ratio Lower Upper

53 100

52 81.0 64.1 96.1

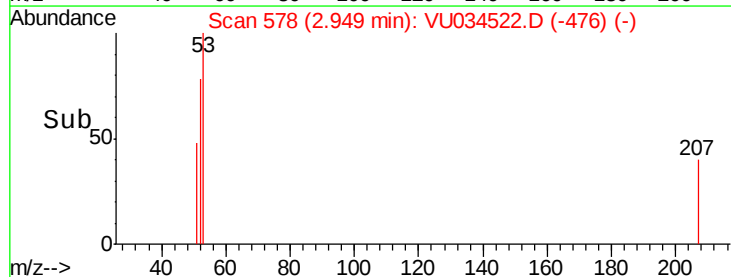
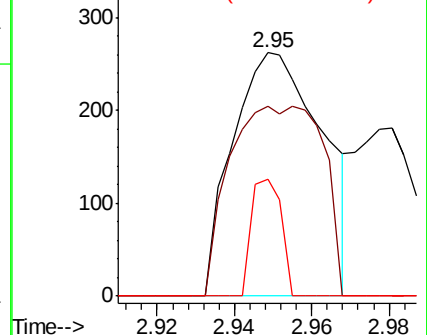
51 15.9 27.4 41.0#

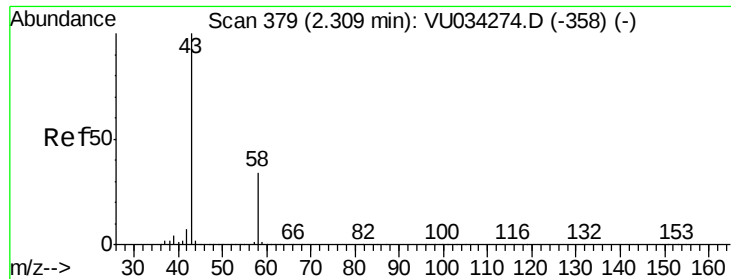


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#16

Acetone

Concen: 1.287 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034522.D

Acq: 12 Sep 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

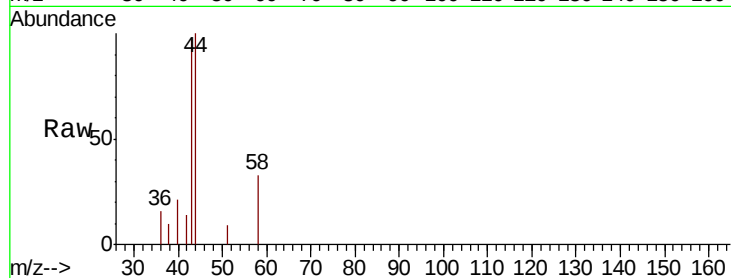
VU0912WBL03

Tgt Ion: 43 Resp: 2277

Ion Ratio Lower Upper

43 100

58 33.6 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034522.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034522.D (-358) (-)

2.31

1200

1000

800

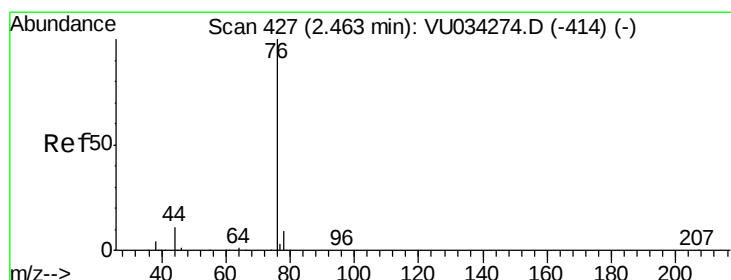
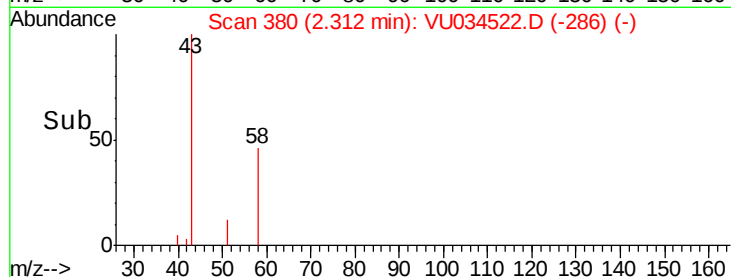
600

400

200

0

Time-->



#17

Carbon Disulfide

Concen: 0.225 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU034522.D

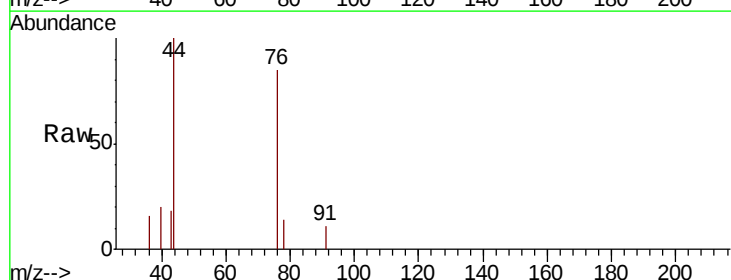
Acq: 12 Sep 2019 16:04

Tgt Ion: 76 Resp: 1241

Ion Ratio Lower Upper

76 100

78 15.9 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU034522.D (-334) (-)

Ion 77.90 (77.60 to 78.60): VU034522.D (-334) (-)

2.47

800

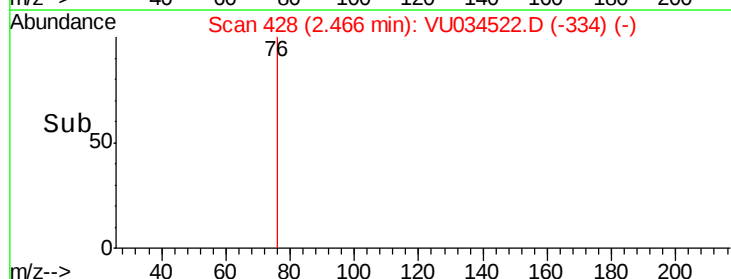
600

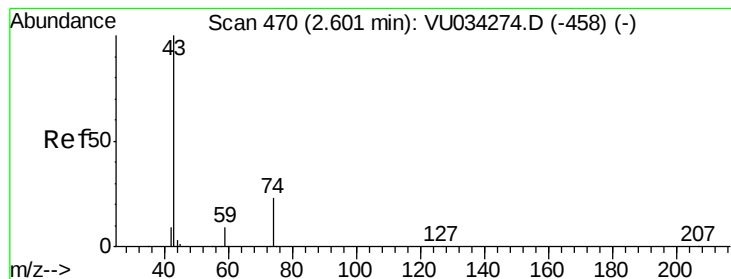
400

200

0

Time-->





#18

Methyl Acetate

Concen: 0.226 ug/l

RT: 2.62 min Scan# 475

Delta R.T. 0.02 min

Lab File: VU034522.D

Acq: 12 Sep 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

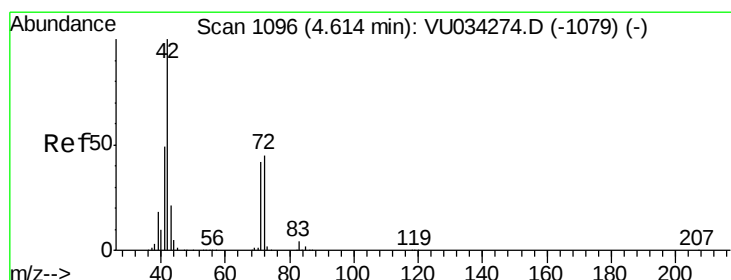
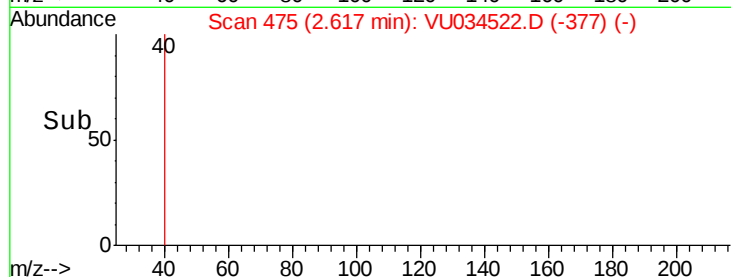
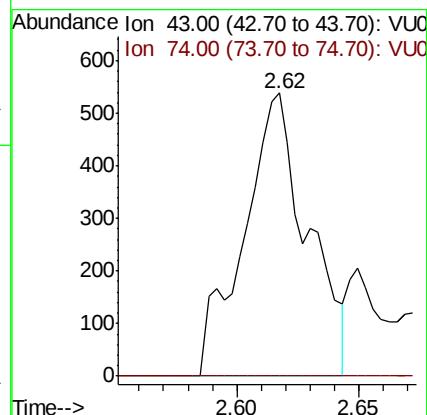
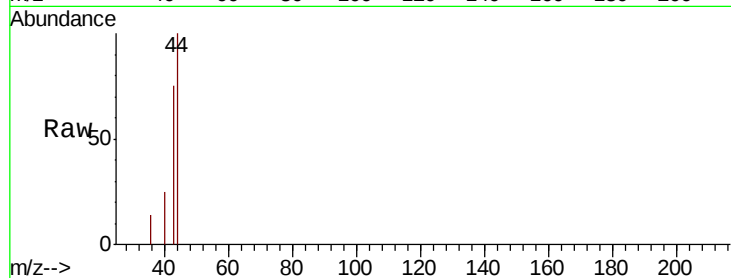
VU0912WBL03

Tgt Ion: 43 Resp: 973

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#



#29

Tetrahydrofuran

Concen: 0.205 ug/l

RT: 4.63 min Scan# 1102

Delta R.T. 0.02 min

Lab File: VU034522.D

Acq: 12 Sep 2019 16:04

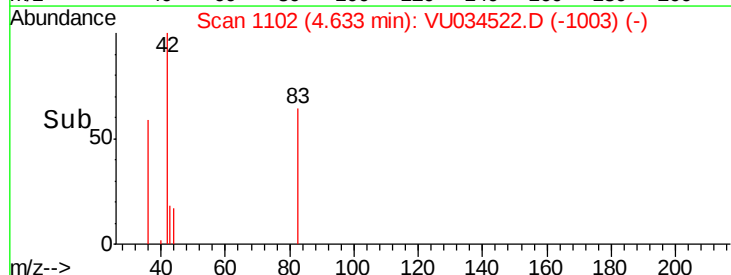
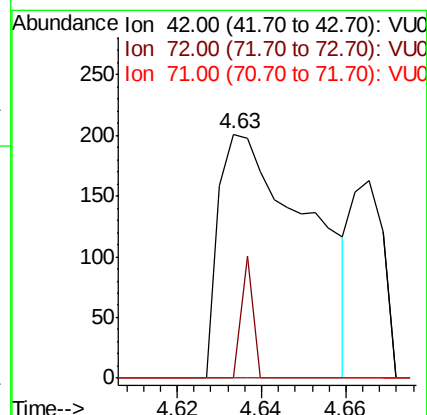
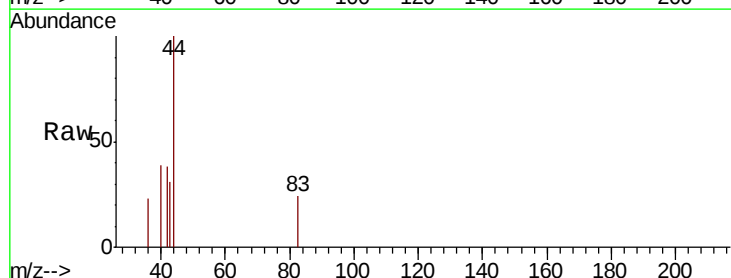
Tgt Ion: 42 Resp: 295

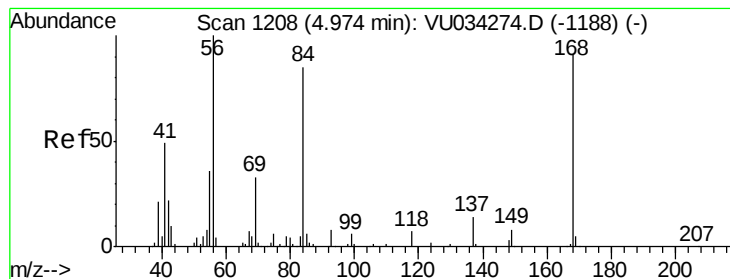
Ion Ratio Lower Upper

42 100

72 6.4 36.6 54.8#

71 0.0 34.3 51.5#





#31

Cyclohexane

Concen: 0.941 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VU034522.D

Acq: 12 Sep 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBL03

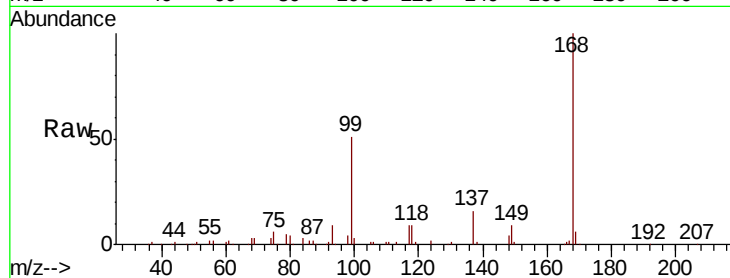
Tgt Ion: 56 Resp: 3767

Ion Ratio Lower Upper

56 100

69 183.1 26.7 40.1#

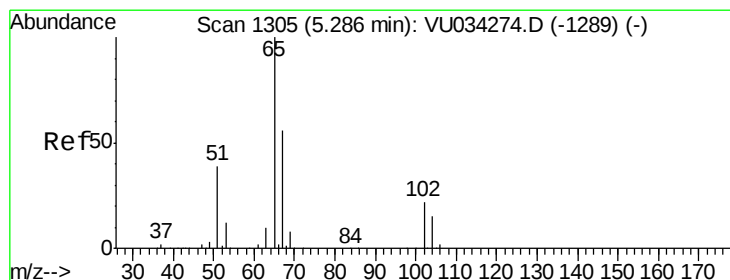
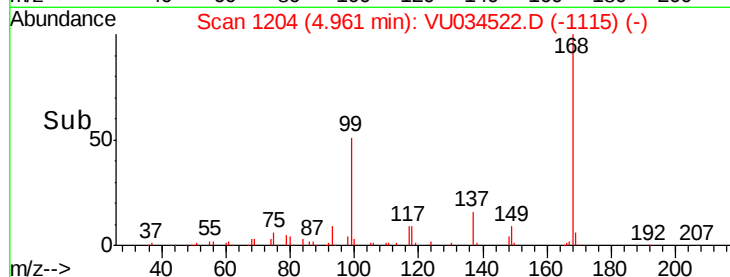
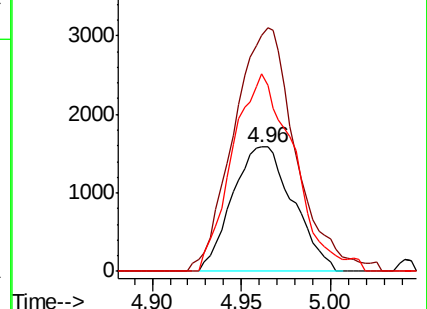
84 158.7 68.2 102.4#



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: 55.167 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034522.D

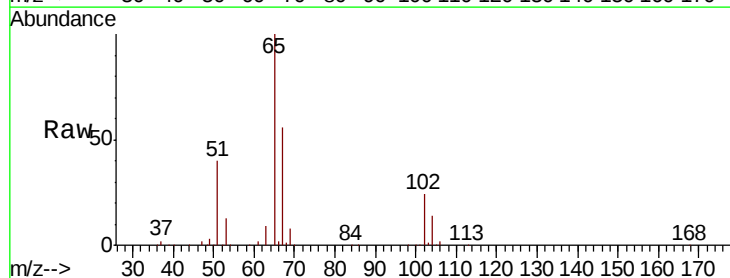
Acq: 12 Sep 2019 16:04

Tgt Ion: 65 Resp: 188574

Ion Ratio Lower Upper

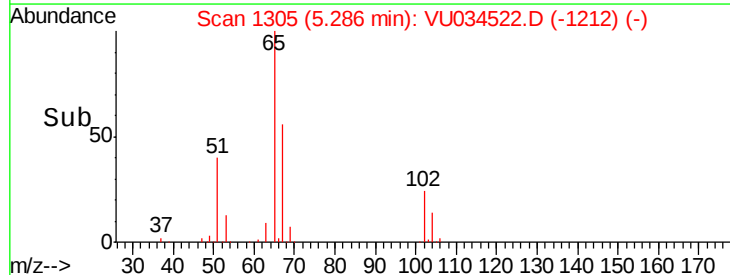
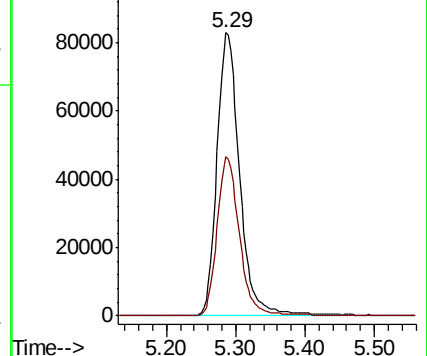
65 100

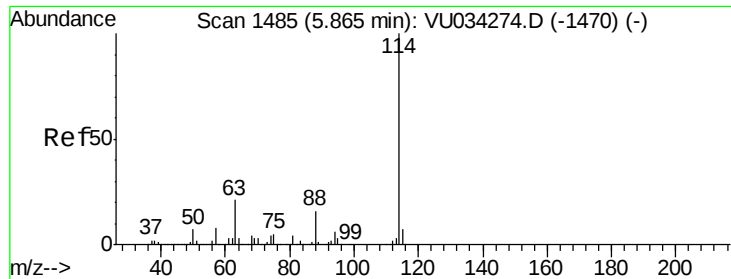
67 54.7 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

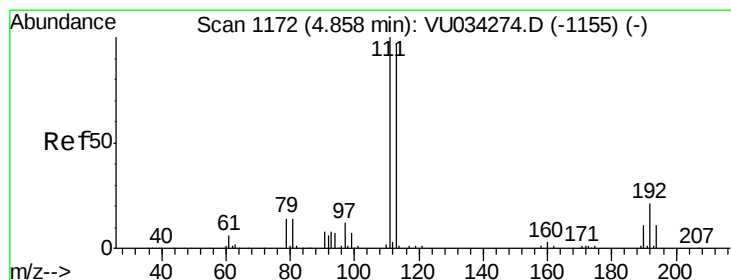
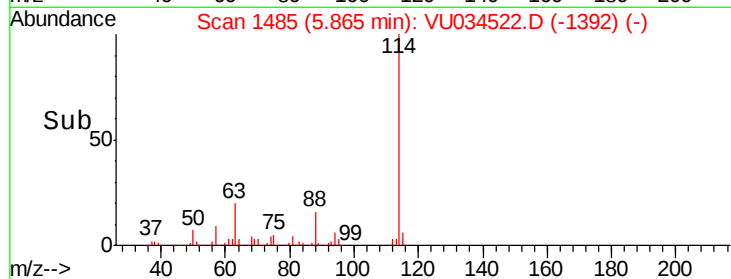
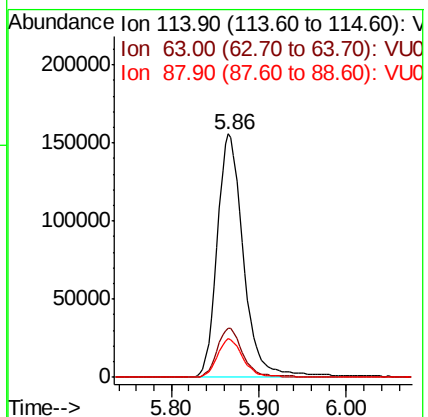
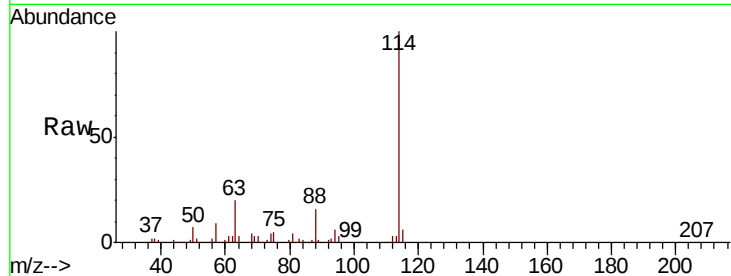




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034522.D
 Acq: 12 Sep 2019 16:04

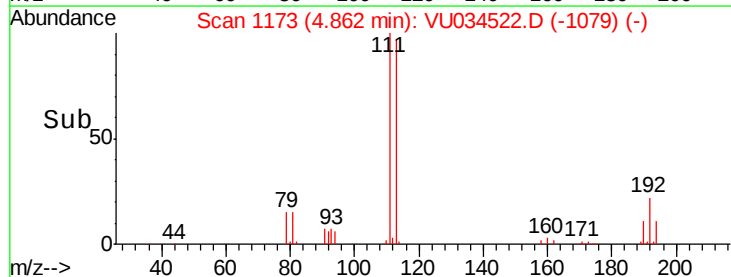
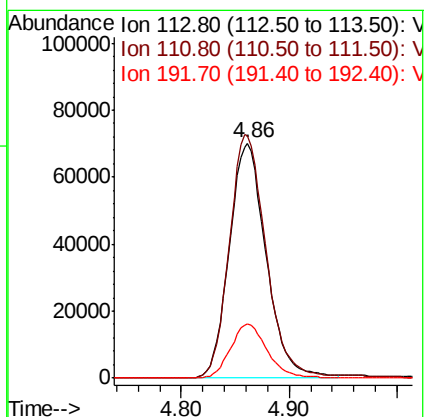
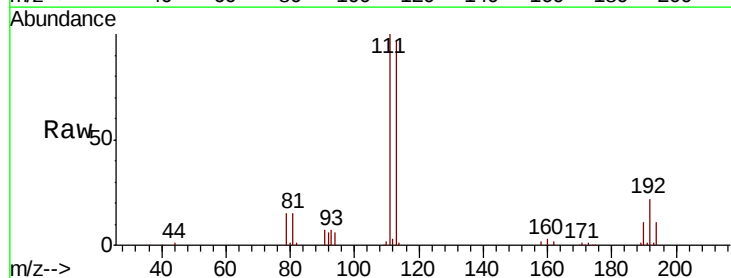
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBL03

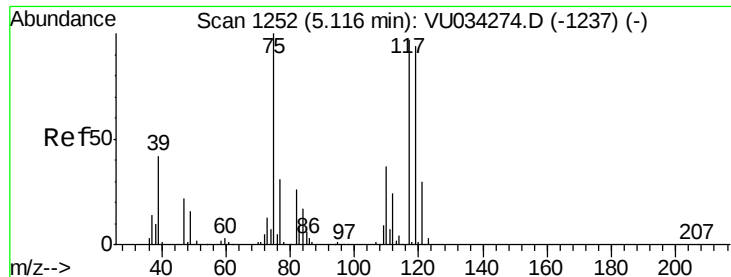
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.4
88	15.8	0.0	32.4



#35
 Dibromofluoromethane
 Concen: 55.197 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034522.D
 Acq: 12 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	22.8	17.8	26.8

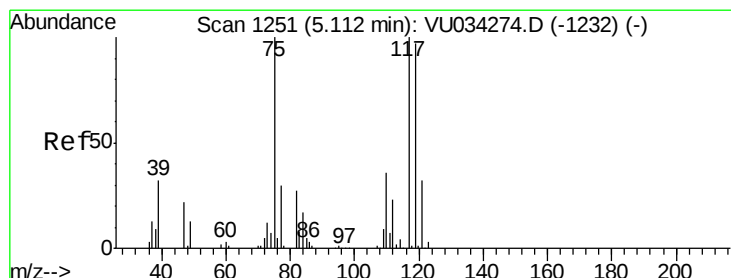
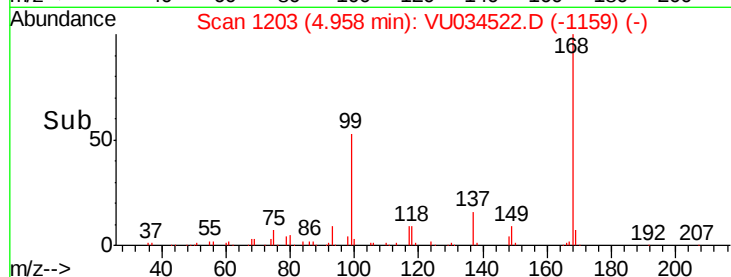
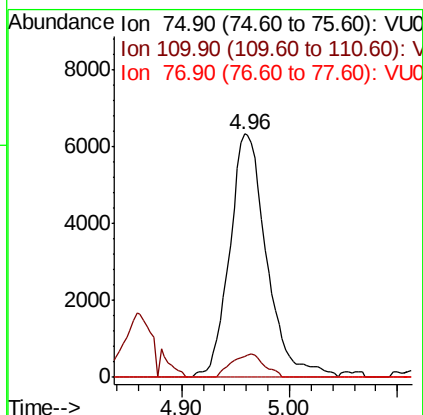
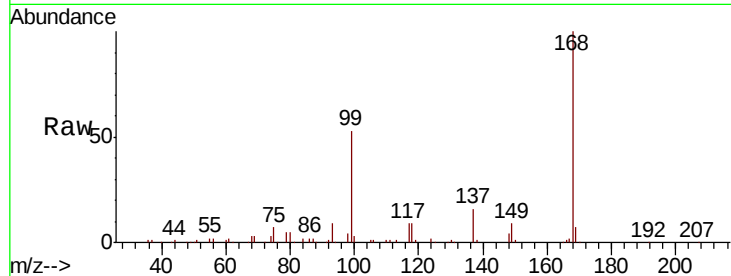




#36
 1,1-Dichloropropene
 Concen: 4.297 ug/l
 RT: 4.96 min Scan# 1203
 Delta R.T. -0.16 min
 Lab File: VU034522.D
 Acq: 12 Sep 2019 16:04

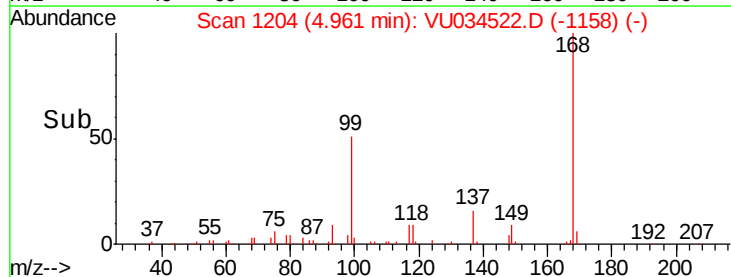
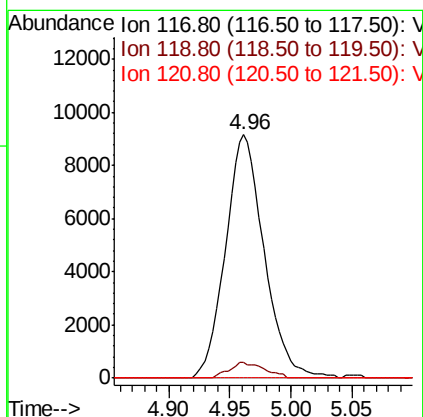
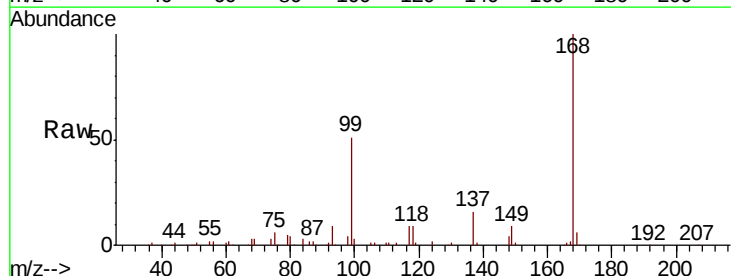
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBL03

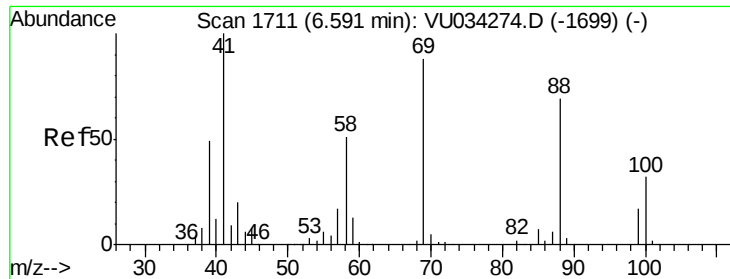
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.365 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034522.D
 Acq: 12 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.8	116.6#
121	0.0	25.2	37.8#

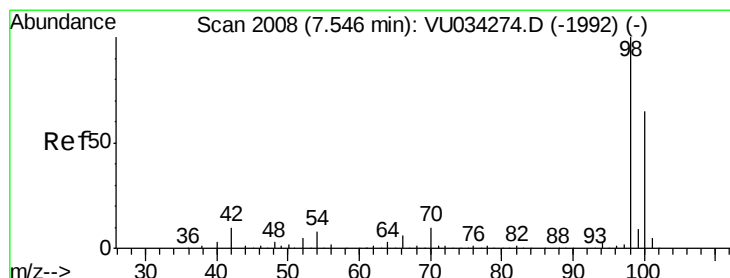
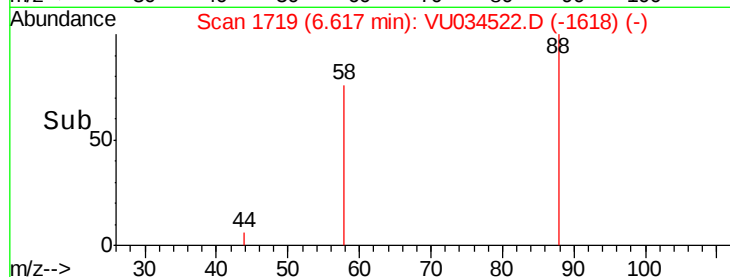
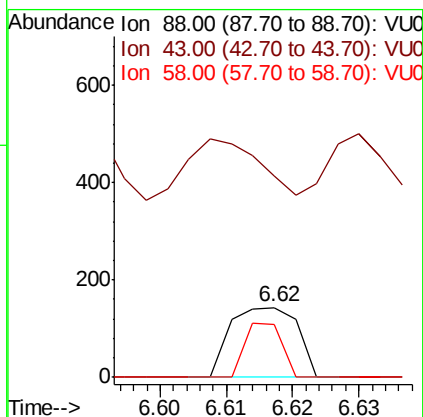
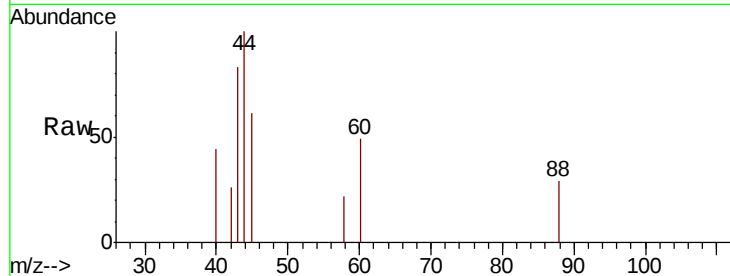




#49
1,4-Dioxane
Concen: 1.497 ug/l
RT: 6.62 min Scan# 1719
Delta R.T. 0.03 min
Lab File: VU034522.D
Acq: 12 Sep 2019 16:04

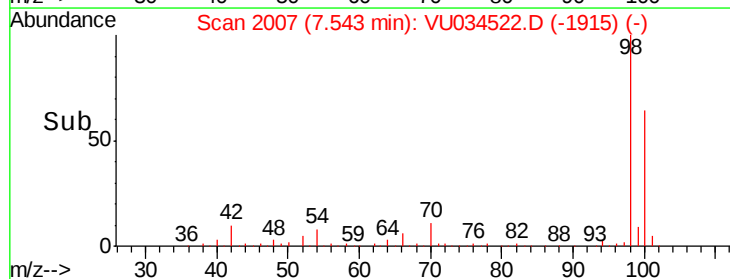
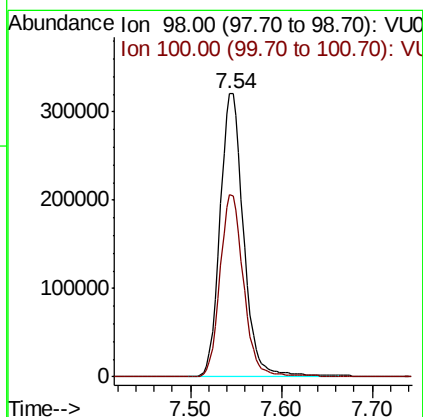
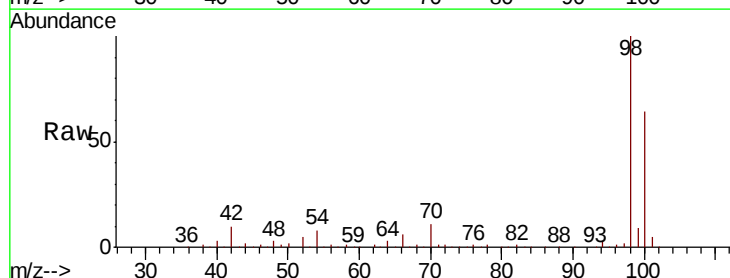
Instrument :
MSVOA_U
ClientSampleId :
VU0912WBL03

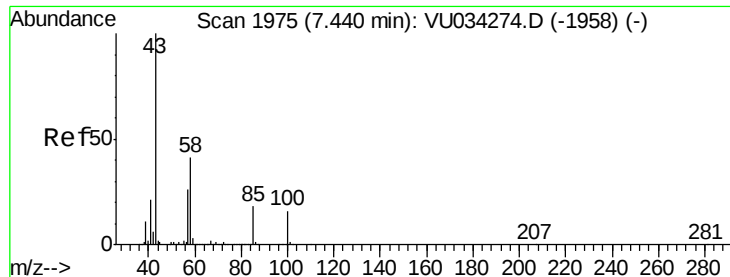
Tgt Ion: 88 Resp: 101
Ion Ratio Lower Upper
88 100
43 106.9 23.8 35.6#
58 42.6 58.4 87.6#



#50
Toluene-d8
Concen: 50.896 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VU034522.D
Acq: 12 Sep 2019 16:04

Tgt Ion: 98 Resp: 578667
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

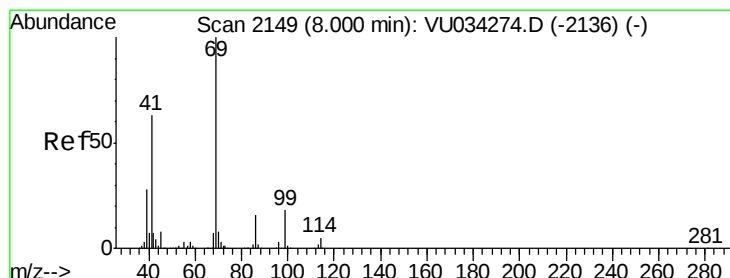
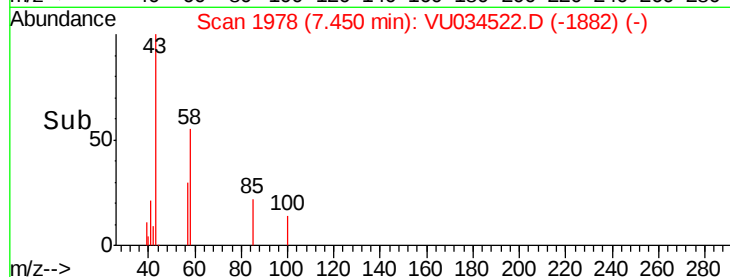
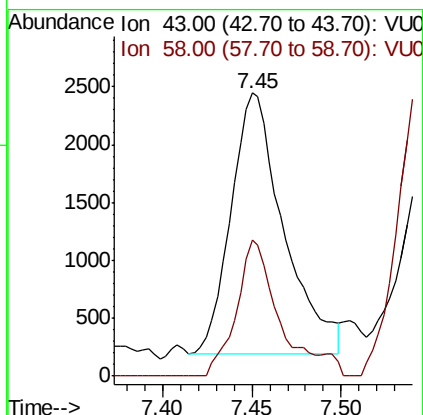
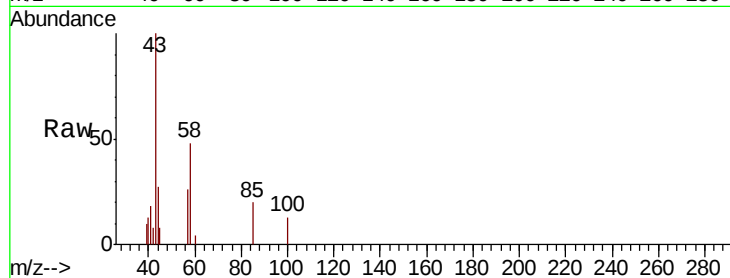




#51
 4-Methyl-2-Pentanone
 Concen: 1.022 ug/l
 RT: 7.45 min Scan# 1978
 Delta R.T. 0.01 min
 Lab File: VU034522.D
 Acq: 12 Sep 2019 16:04

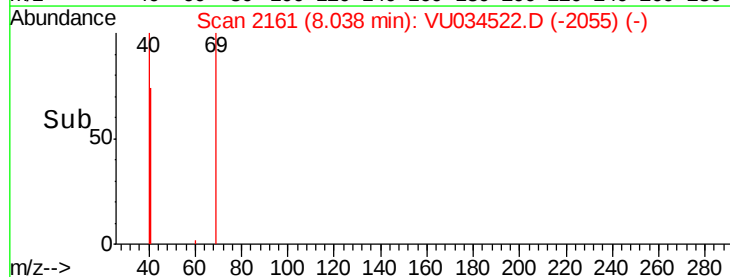
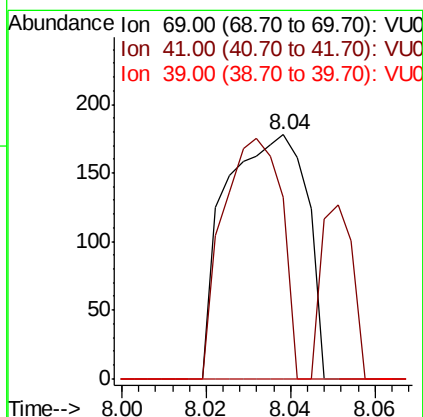
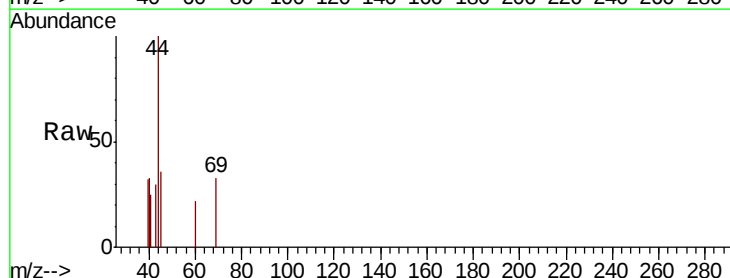
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBL03

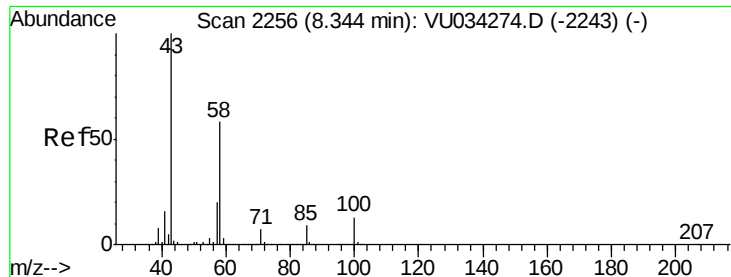
Tgt Ion: 43 Resp: 4600
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.0 49.4



#56
 Ethyl methacrylate
 Concen: 3.122 ug/l
 RT: 8.04 min Scan# 2161
 Delta R.T. 0.04 min
 Lab File: VU034522.D
 Acq: 12 Sep 2019 16:04

Tgt Ion: 69 Resp: 237
 Ion Ratio Lower Upper
 69 100
 41 71.3 49.5 74.3
 39 0.0 22.5 33.7#

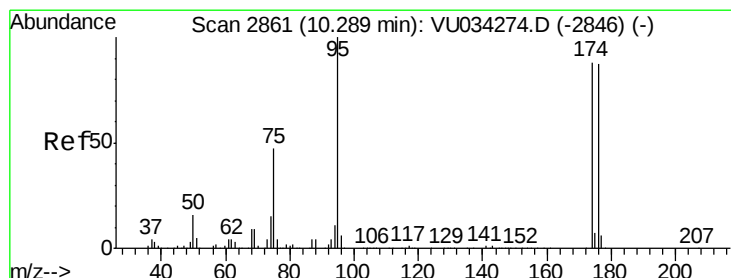
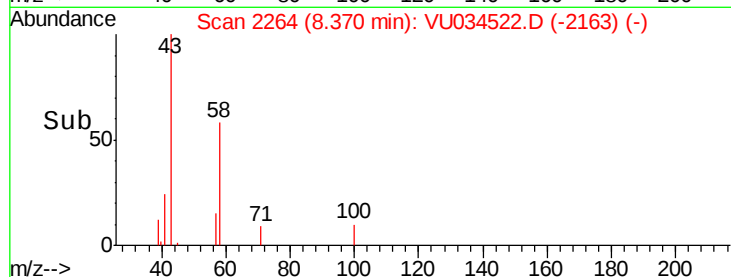
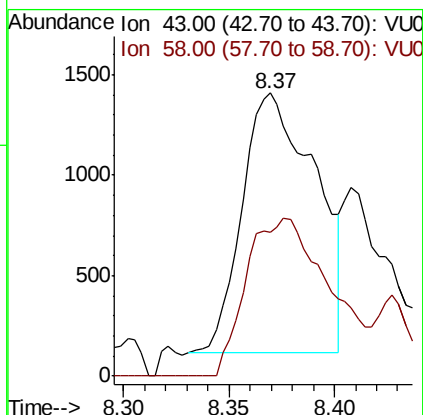
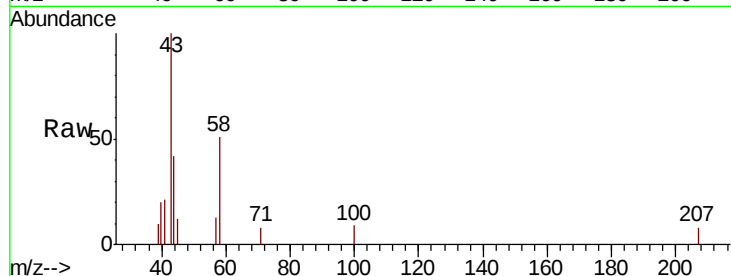




#59
2-Hexanone
Concen: 0.935 ug/l
RT: 8.37 min Scan# 2264
Delta R.T. 0.03 min
Lab File: VU034522.D
Acq: 12 Sep 2019 16:04

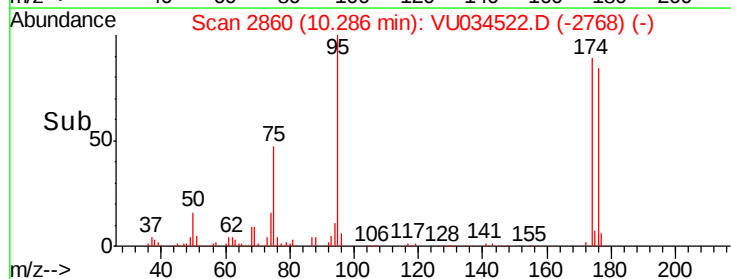
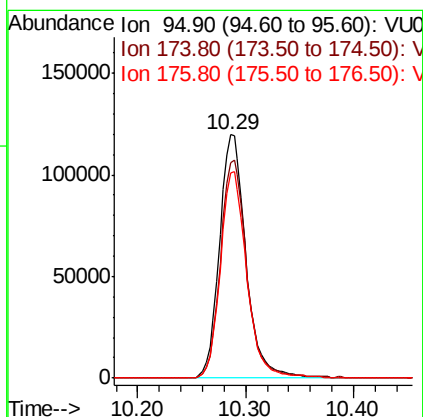
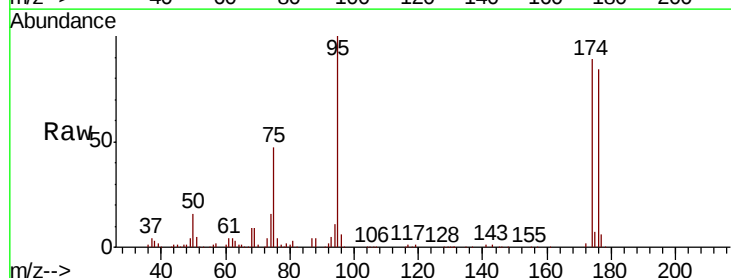
Instrument :
MSVOA_U
ClientSampleId :
VU0912WBL03

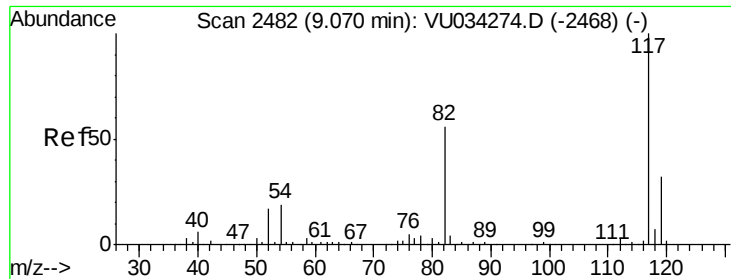
Tgt Ion: 43 Resp: 3146
Ion Ratio Lower Upper
43 100
58 69.3 28.8 86.5



#62
4-Bromofluorobenzene
Concen: 46.517 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034522.D
Acq: 12 Sep 2019 16:04

Tgt Ion: 95 Resp: 204197
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.2
176 84.7 0.0 168.0

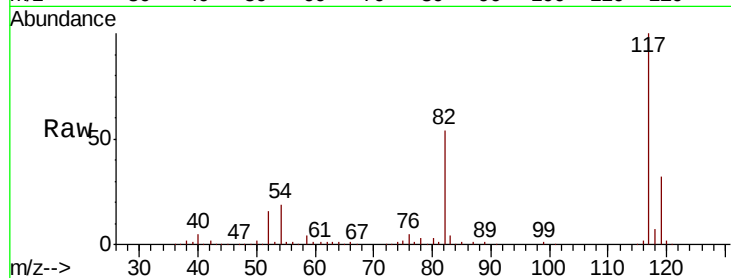




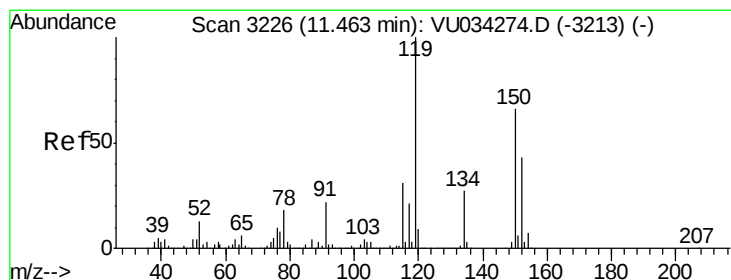
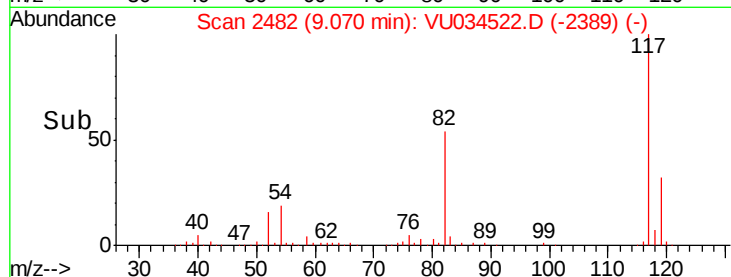
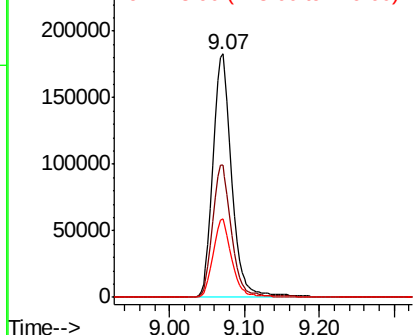
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034522.D
Acq: 12 Sep 2019 16:04

Instrument :
MSVOA_U
ClientSampleId :
VU0912WBL03

Tgt Ion:117 Resp: 322125
Ion Ratio Lower Upper
117 100
82 54.1 44.6 67.0
119 32.3 25.9 38.9

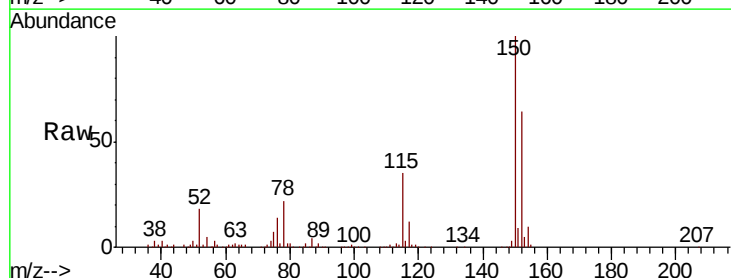


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

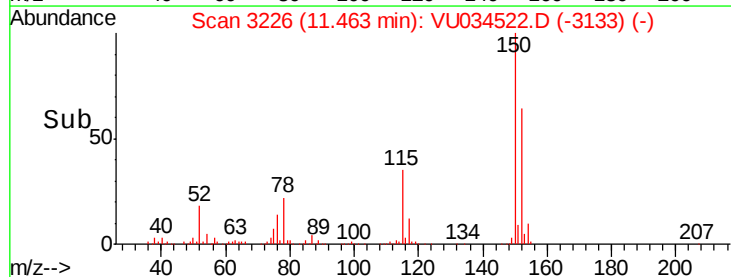
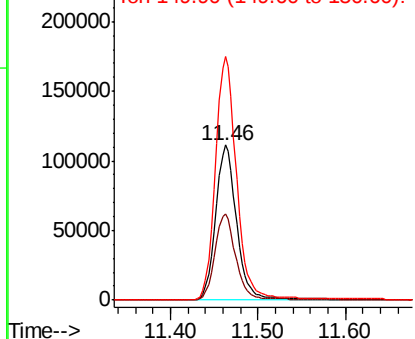


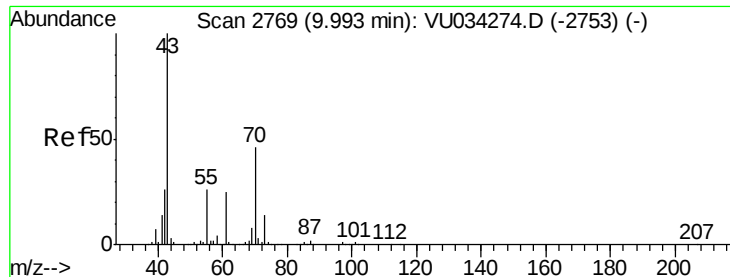
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034522.D
Acq: 12 Sep 2019 16:04

Tgt Ion:152 Resp: 186792
Ion Ratio Lower Upper
152 100
115 55.4 39.1 117.3
150 157.9 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: 0.309 ug/l

RT: 10.02 min Scan# 2777

Delta R.T. 0.03 min

Lab File: VU034522.D

Acq: 12 Sep 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBL03

Tgt Ion: 43 Resp: 1512

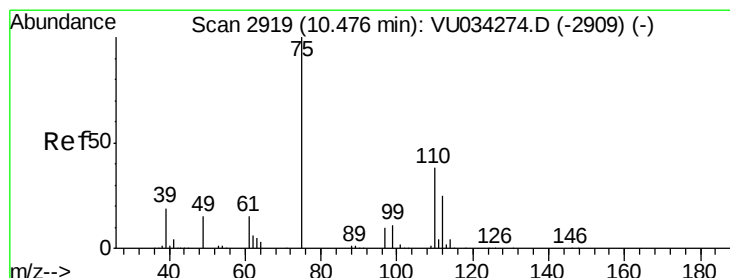
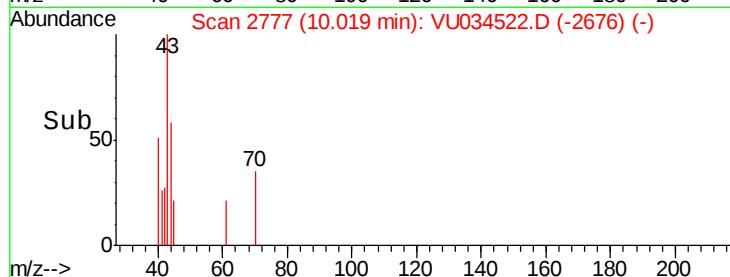
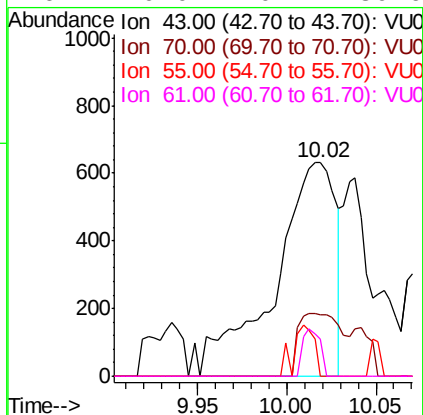
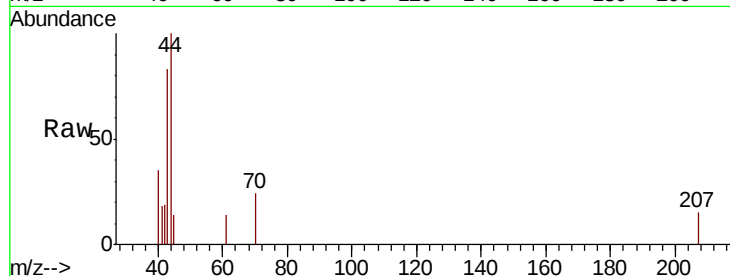
Ion Ratio Lower Upper

43 100

70 20.6 36.4 54.6#

55 8.0 21.2 31.8#

61 0.0 20.4 30.6#



#76

1,2,3-Trichloropropane

Concen: 23.494 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.19 min

Lab File: VU034522.D

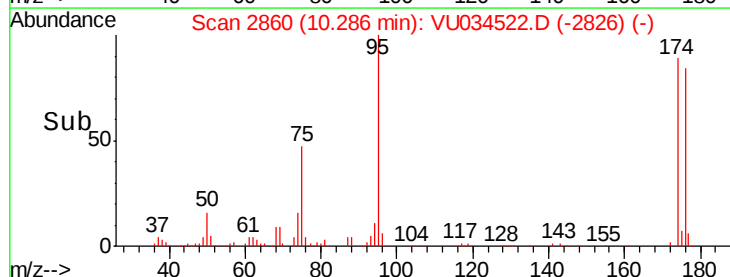
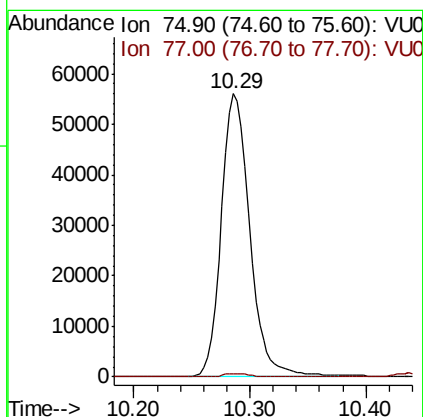
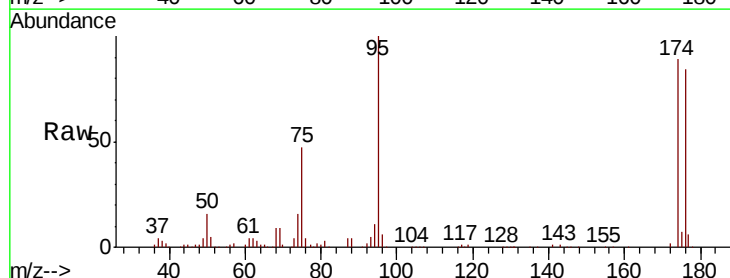
Acq: 12 Sep 2019 16:04

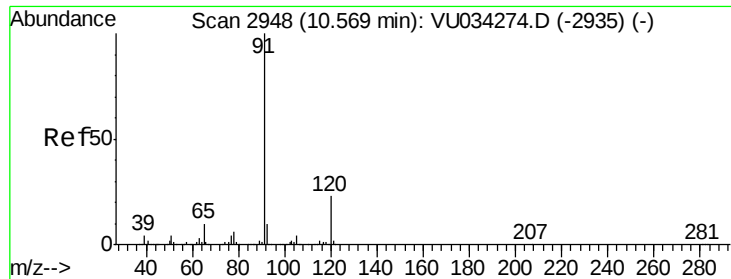
Tgt Ion: 75 Resp: 95792

Ion Ratio Lower Upper

75 100

77 1.3 20.8 62.2#

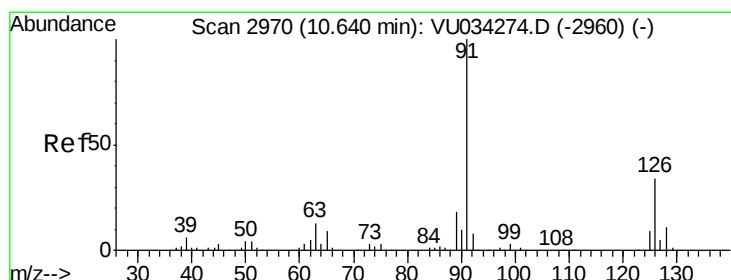
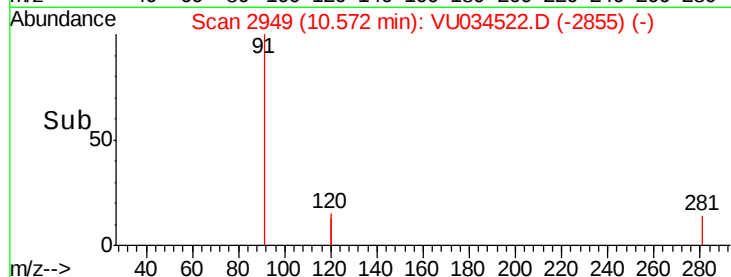
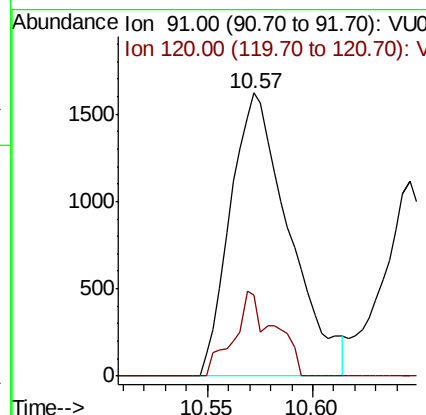
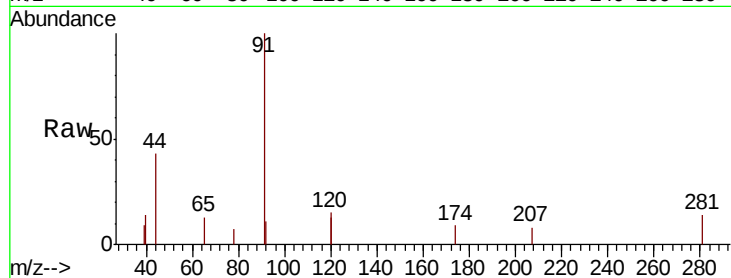




#78
n-propylbenzene
Concen: 0.223 ug/l
RT: 10.57 min Scan# 2949
Delta R.T. 0.00 min
Lab File: VU034522.D
Acq: 12 Sep 2019 16:04

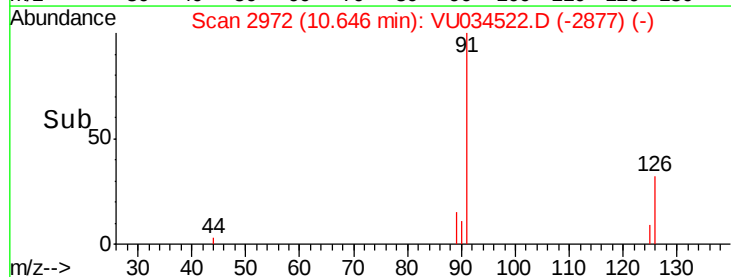
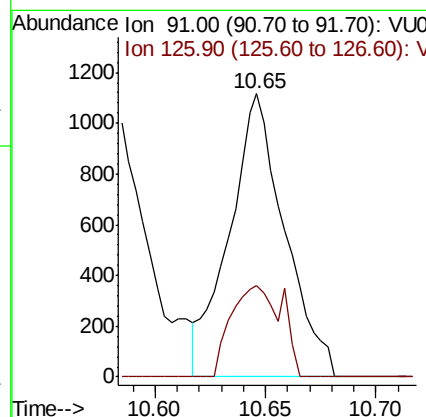
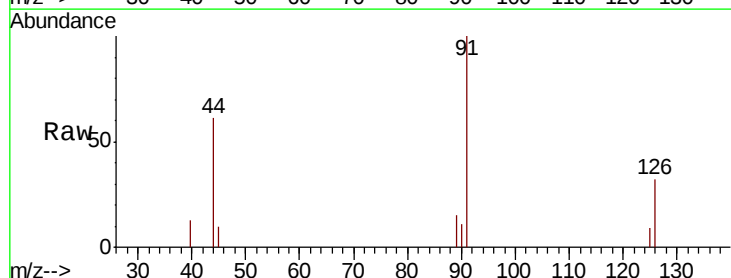
Instrument :
MSVOA_U
ClientSampleId :
VU0912WBL03

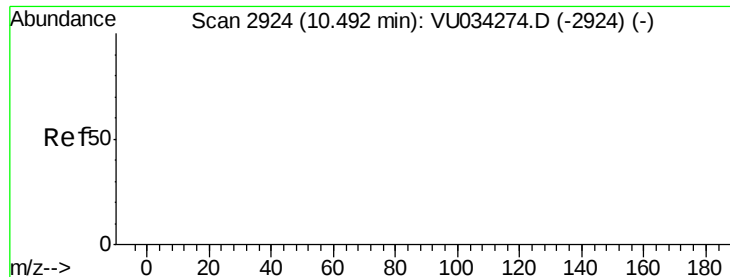
Tgt Ion: 91 Resp: 3135
Ion Ratio Lower Upper
91 100
120 20.5 11.7 35.0



#79
2-Chlorotoluene
Concen: 0.227 ug/l
RT: 10.65 min Scan# 2972
Delta R.T. 0.01 min
Lab File: VU034522.D
Acq: 12 Sep 2019 16:04

Tgt Ion: 91 Resp: 1941
Ion Ratio Lower Upper
91 100
126 29.6 17.3 51.9





#81

trans-1,4-Dichloro-2-butene

Concen: 79.008 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.21 min

Lab File: VU034522.D

Acq: 12 Sep 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBL03

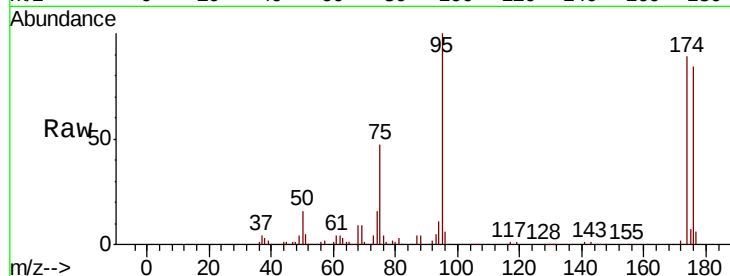
Tgt Ion: 75 Resp: 95792

Ion Ratio Lower Upper

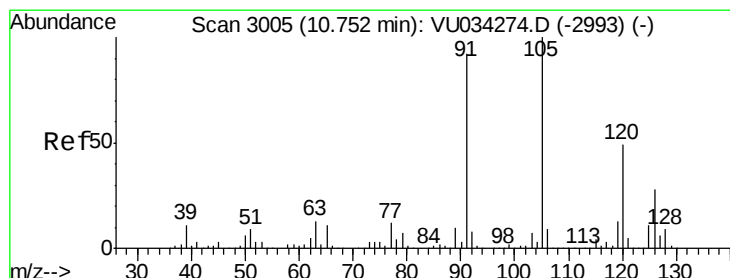
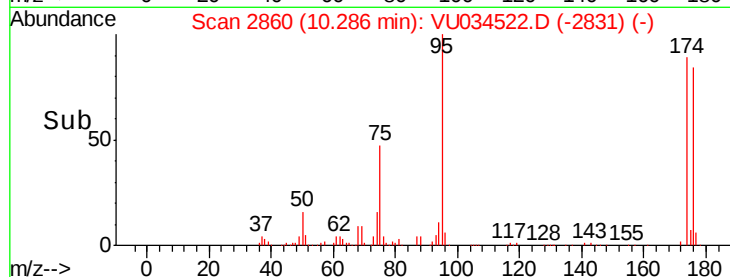
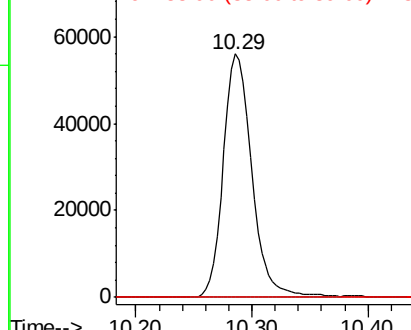
75 100

53 0.2 0.0 0.0#

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 0.273 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.01 min

Lab File: VU034522.D

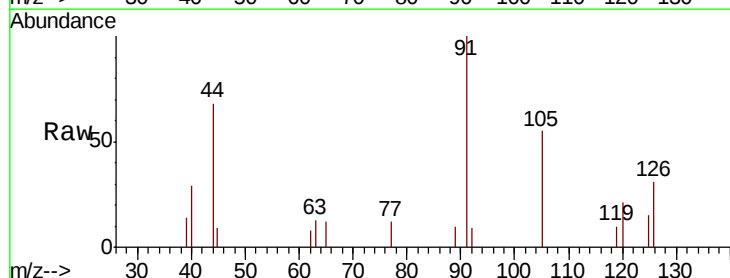
Acq: 12 Sep 2019 16:04

Tgt Ion: 91 Resp: 2694

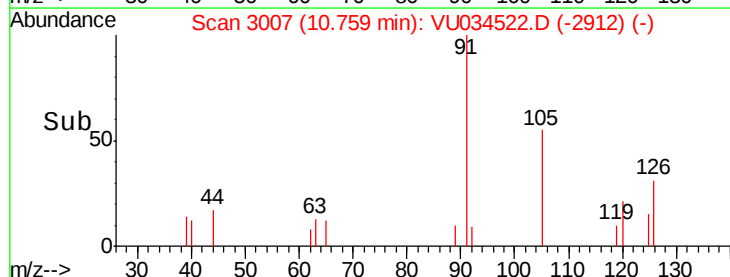
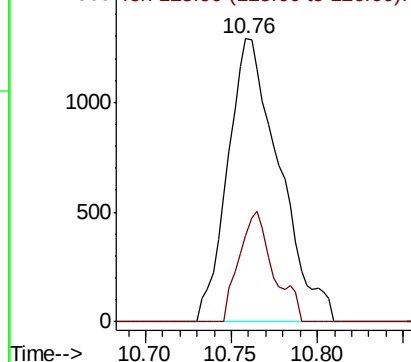
Ion Ratio Lower Upper

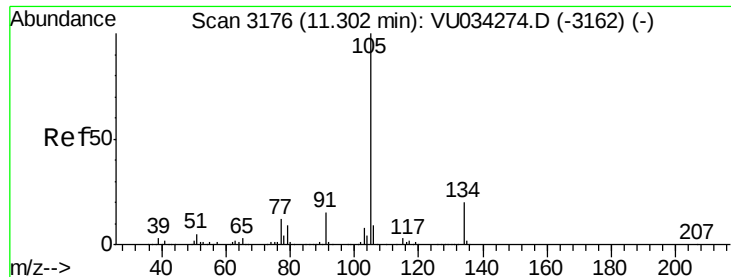
91 100

126 25.7 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

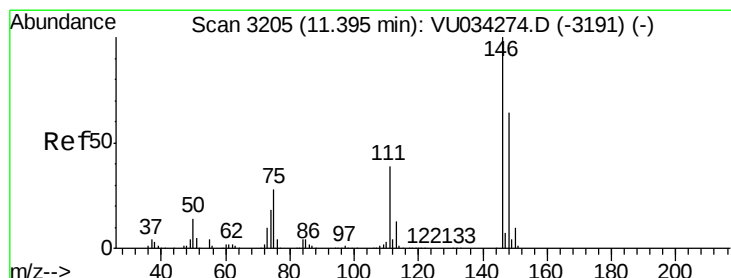
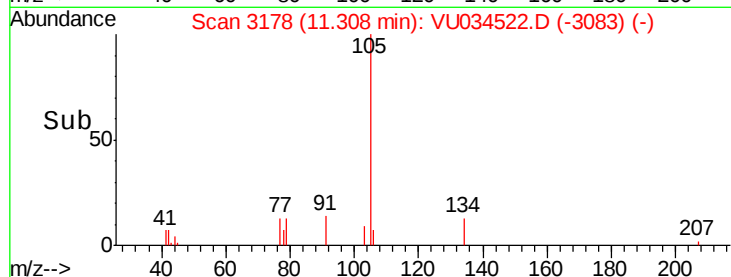
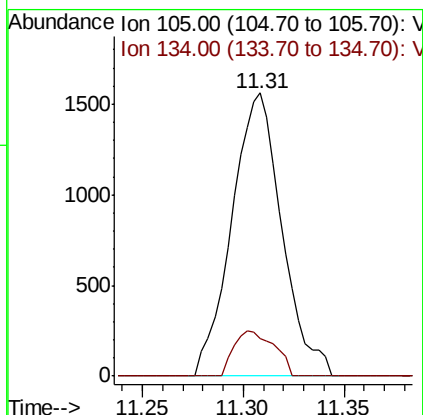
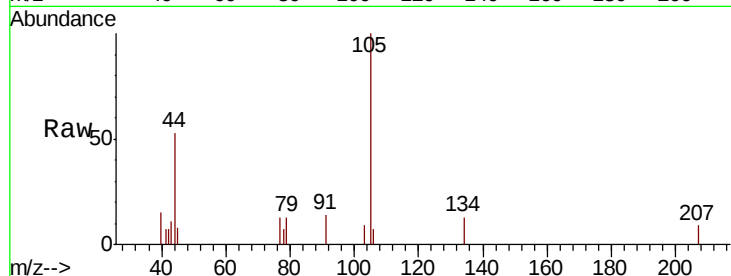




#85
 sec-Butylbenzene
 Concen: 0.226 ug/l
 RT: 11.31 min Scan# 3178
 Delta R.T. 0.01 min
 Lab File: VU034522.D
 Acq: 12 Sep 2019 16:04

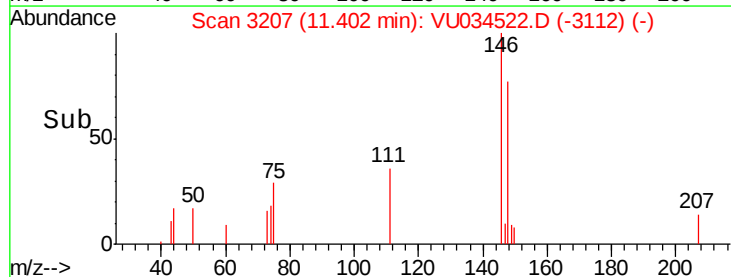
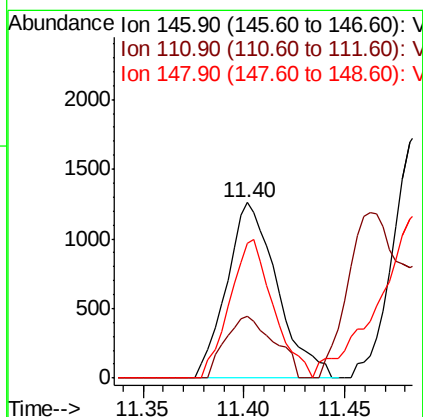
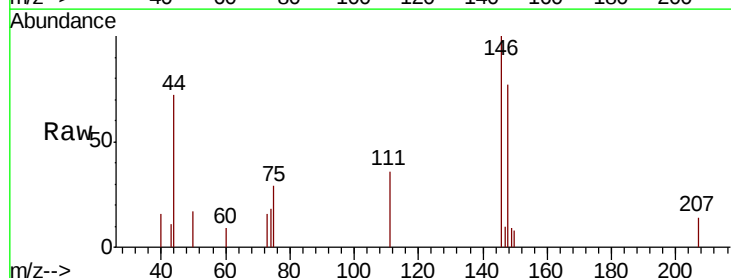
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBL03

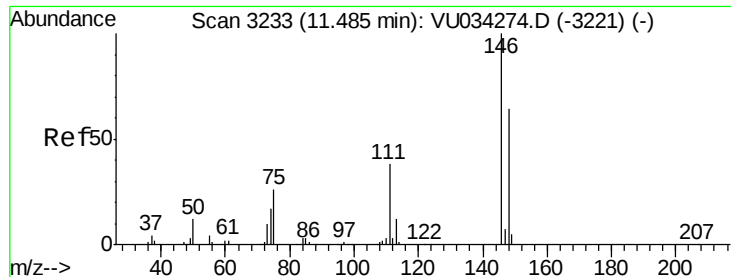
Tgt Ion:105 Resp: 2718
 Ion Ratio Lower Upper
 105 100
 134 13.0 10.1 30.3



#87
 1,3-Dichlorobenzene
 Concen: 0.355 ug/l
 RT: 11.40 min Scan# 3207
 Delta R.T. 0.01 min
 Lab File: VU034522.D
 Acq: 12 Sep 2019 16:04

Tgt Ion:146 Resp: 2201
 Ion Ratio Lower Upper
 146 100
 111 34.3 19.5 58.5
 148 68.3 32.1 96.3

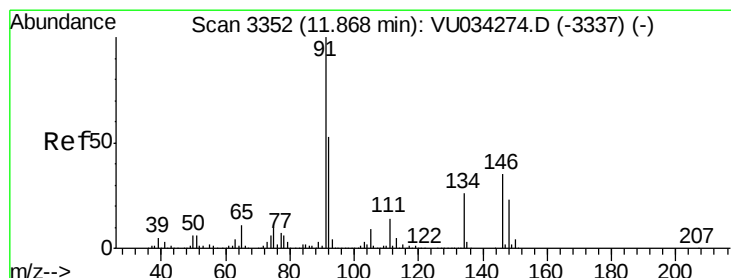
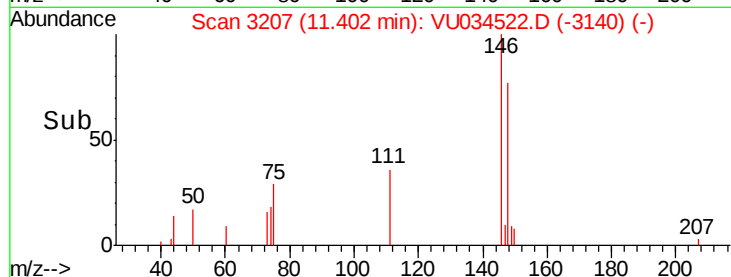
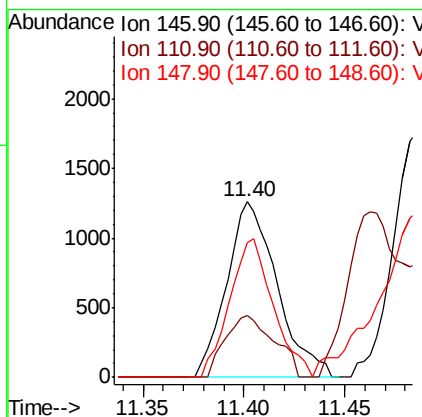
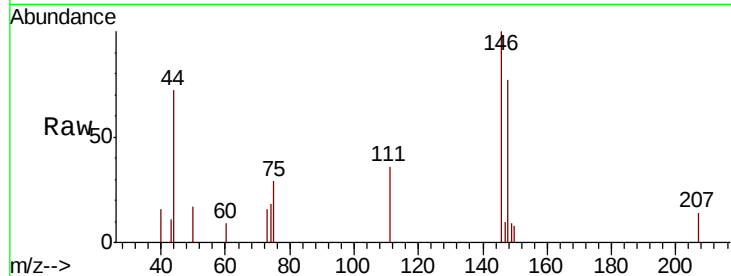




#88
 1,4-Dichlorobenzene
 Concen: 0.340 ug/l
 RT: 11.40 min Scan# 3207
 Delta R.T. -0.08 min
 Lab File: VU034522.D
 Acq: 12 Sep 2019 16:04

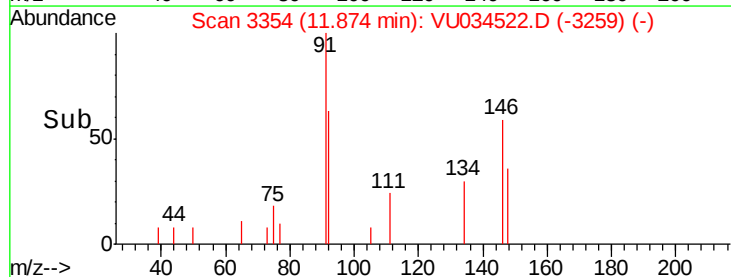
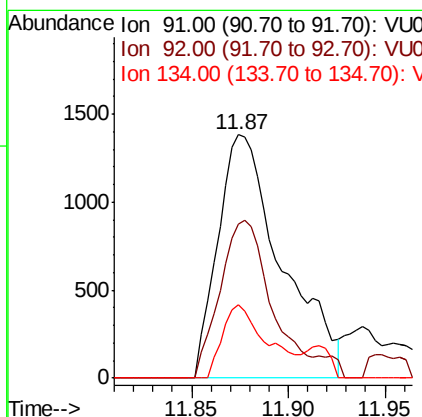
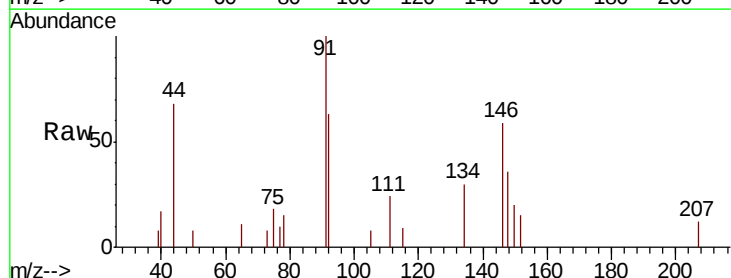
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBL03

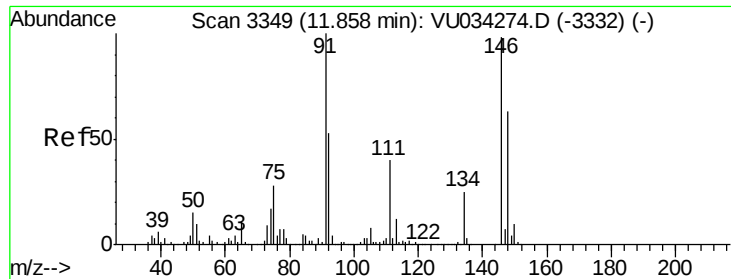
Tgt Ion: 146 Resp: 2201
 Ion Ratio Lower Upper
 146 100
 111 34.3 19.1 57.3
 148 68.3 32.0 96.0



#89
 n-Butylbenzene
 Concen: 0.331 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.01 min
 Lab File: VU034522.D
 Acq: 12 Sep 2019 16:04

Tgt Ion: 91 Resp: 3184
 Ion Ratio Lower Upper
 91 100
 92 51.7 26.5 79.4
 134 20.8 13.2 39.6

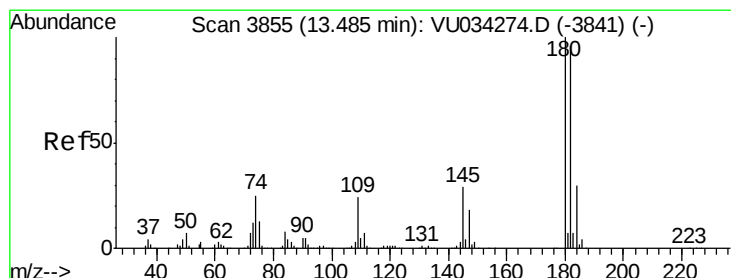
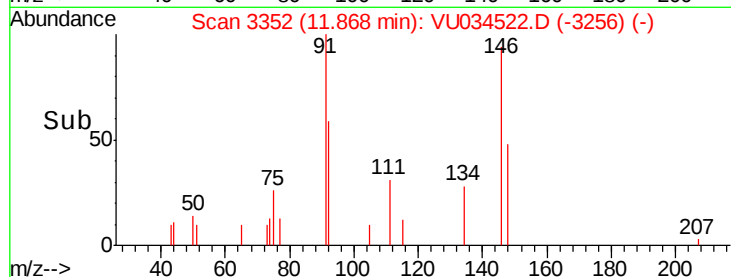
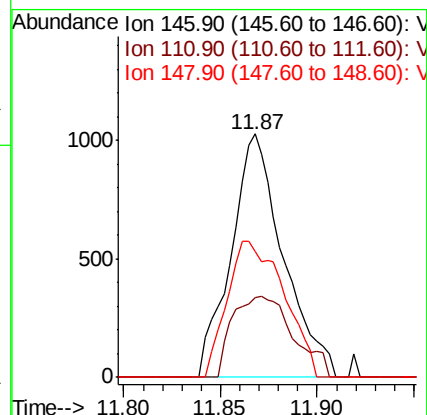
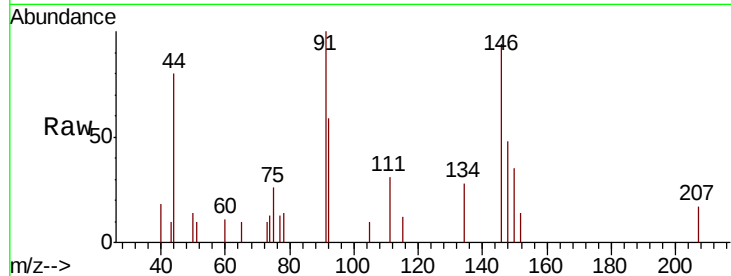




#91
 1,2-Dichlorobenzene
 Concen: 0.315 ug/l
 RT: 11.87 min Scan# 3352
 Delta R.T. 0.01 min
 Lab File: VU034522.D
 Acq: 12 Sep 2019 16:04

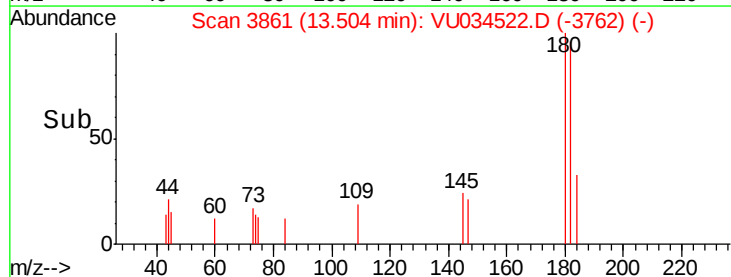
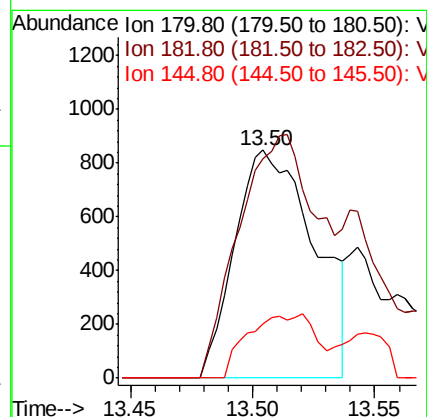
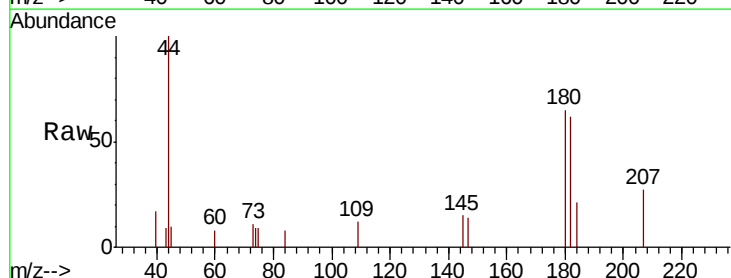
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBL03

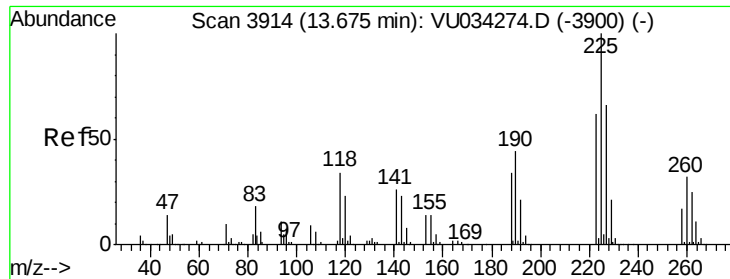
Tgt Ion:146 Resp: 1923
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.0 60.0
 148 61.1 31.6 94.8



#93
 1,2,4-Trichlorobenzene
 Concen: 3.858 ug/l
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.02 min
 Lab File: VU034522.D
 Acq: 12 Sep 2019 16:04

Tgt Ion:180 Resp: 1930
 Ion Ratio Lower Upper
 180 100
 182 105.3 47.9 143.8
 145 14.6 14.4 43.0





#94

Hexachlorobutadiene

Concen: 0.492 ug/l

RT: 13.67 min Scan# 3913

Delta R.T. -0.00 min

Lab File: VU034522.D

Acq: 12 Sep 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBL03

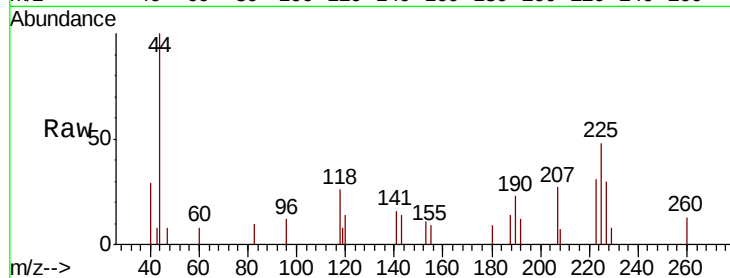
Tgt Ion:225 Resp: 1048

Ion Ratio Lower Upper

225 100

223 67.2 31.6 94.7

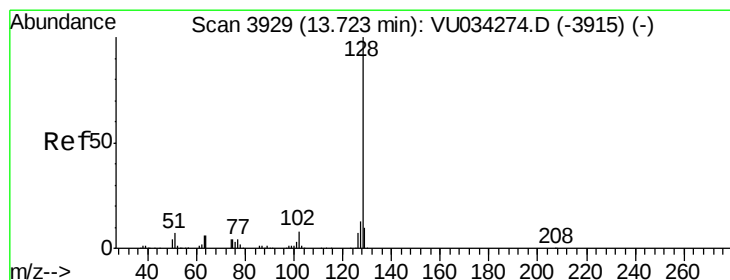
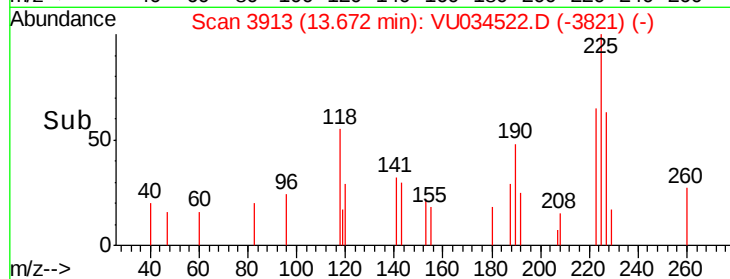
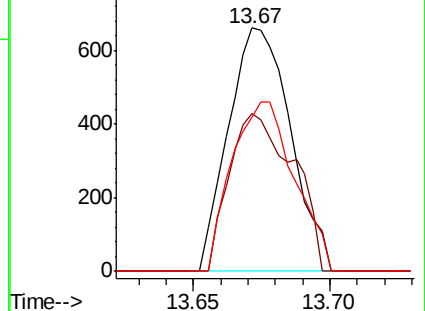
227 70.1 32.3 96.8



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: 4.933 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.02 min

Lab File: VU034522.D

Acq: 12 Sep 2019 16:04

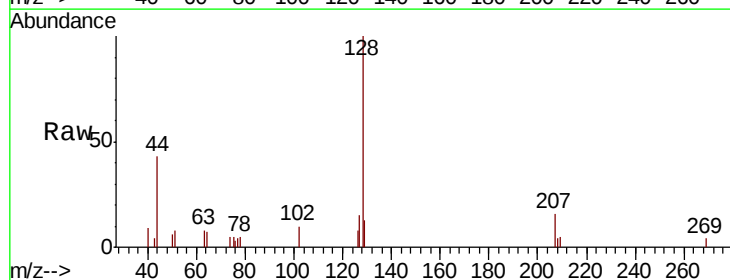
Tgt Ion:128 Resp: 13079

Ion Ratio Lower Upper

128 100

127 9.9 10.6 15.8#

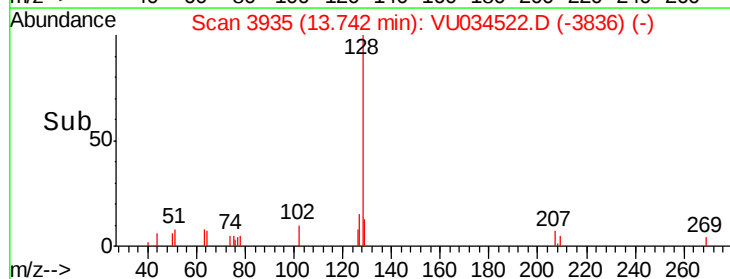
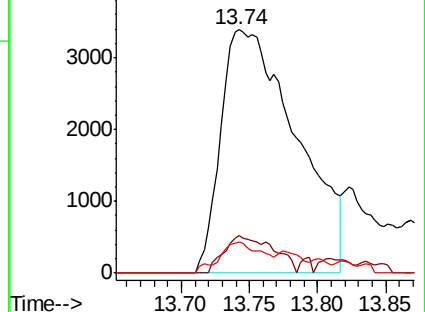
129 7.2 8.4 12.6#

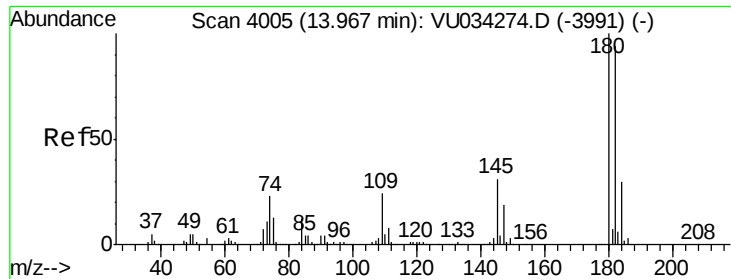


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.965 ug/l
 RT: 13.98 min Scan# 4008
 Delta R.T. 0.01 min
 Lab File: VU034522.D
 Acq: 12 Sep 2019 16:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBL03

Tgt Ion:180 Resp: 1469
 Ion Ratio Lower Upper
 180 100
 182 107.3 48.4 145.0
 145 18.4 15.4 46.4

