

Data File : VU034278.D
Acq On : 05 Sep 2019 12:39
Operator : JC/SP
Sample : VU0906WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBL01

Quant Time: Sep 06 07:32:13 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	434113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	685762	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	640240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	309575	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	250152	38.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.16%	
35) Dibromofluoromethane	4.86	113	222631	34.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.78%	
50) Toluene-d8	7.55	98	853695	35.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.22%	
62) 4-Bromofluorobenzene	10.29	95	294443	31.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.62%	

Target Compounds					Qvalue	
3) Chloromethane	1.32	50	2318	0.388 ug/l		96
5) Bromomethane	1.63	94	1950	Below Cal		91
6) Chloroethane	1.70	64	220	Below Cal	#	43
10) Methyl Iodide	2.41	142	1040	4.055 ug/l	#	89
11) Tert butyl alcohol	2.81	59	290	0.209 ug/l	#	73
13) Acrolein	2.18	56	533	0.457 ug/l	#	72
16) Acetone	2.32	43	1494	0.440 ug/l	#	72
17) Carbon Disulfide	2.47	76	2833	0.267 ug/l		96
20) Methylene Chloride	2.68	84	936	Below Cal	#	80
31) Cyclohexane	4.96	56	7708	1.002 ug/l	#	1
36) 1,1-Dichloropropene	4.96	75	30207	4.062 ug/l	#	48
38) Carbon Tetrachloride	4.96	117	39233	4.941 ug/l	#	15
49) 1,4-Dioxane	6.62	88	170	1.195 ug/l	#	21
51) 4-Methyl-2-Pentanone	7.45	43	6163	0.649 ug/l		97
56) Ethyl methacrylate	8.01	69	143	3.089 ug/l	#	82
59) 2-Hexanone	8.37	43	6768	0.954 ug/l		82
74) N-amyl acetate	10.01	43	1903	0.235 ug/l	#	55
76) 1,2,3-Trichloropropane	10.29	75	138619	20.513 ug/l	#	36
77) Bromobenzene	10.43	156	1297	0.230 ug/l		93
78) n-propylbenzene	10.57	91	5788	0.249 ug/l		99
79) 2-Chlorotoluene	10.65	91	2847	0.201 ug/l		88
81) trans-1,4-Dichloro-2-buten	10.29	75	138619	68.985 ug/l	#	100
82) 4-Chlorotoluene	10.76	91	4742	0.290 ug/l		96
85) sec-Butylbenzene	11.31	105	4495	0.226 ug/l		99
86) p-Isopropyltoluene	11.46	119	4746	0.258 ug/l	#	84
87) 1,3-Dichlorobenzene	11.40	146	3591	0.349 ug/l		94
88) 1,4-Dichlorobenzene	11.40	146	3591	0.335 ug/l		94
89) n-Butylbenzene	11.87	91	5838	0.366 ug/l		95
91) 1,2-Dichlorobenzene	11.87	146	3003	0.297 ug/l		93
92) 1,2-Dibromo-3-Chloropropan	12.65	75	446	0.298 ug/l		65
93) 1,2,4-Trichlorobenzene	13.51	180	3342	3.876 ug/l		85
94) Hexachlorobutadiene	13.68	225	2394	0.677 ug/l		91
95) Naphthalene	13.75	128	16800	4.716 ug/l	#	83
96) 1,2,3-Trichlorobenzene	13.99	180	3863	3.156 ug/l		85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
Quantitation Report (Not Reviewed)

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QLast Update : Fri Sep 06 05:10:13 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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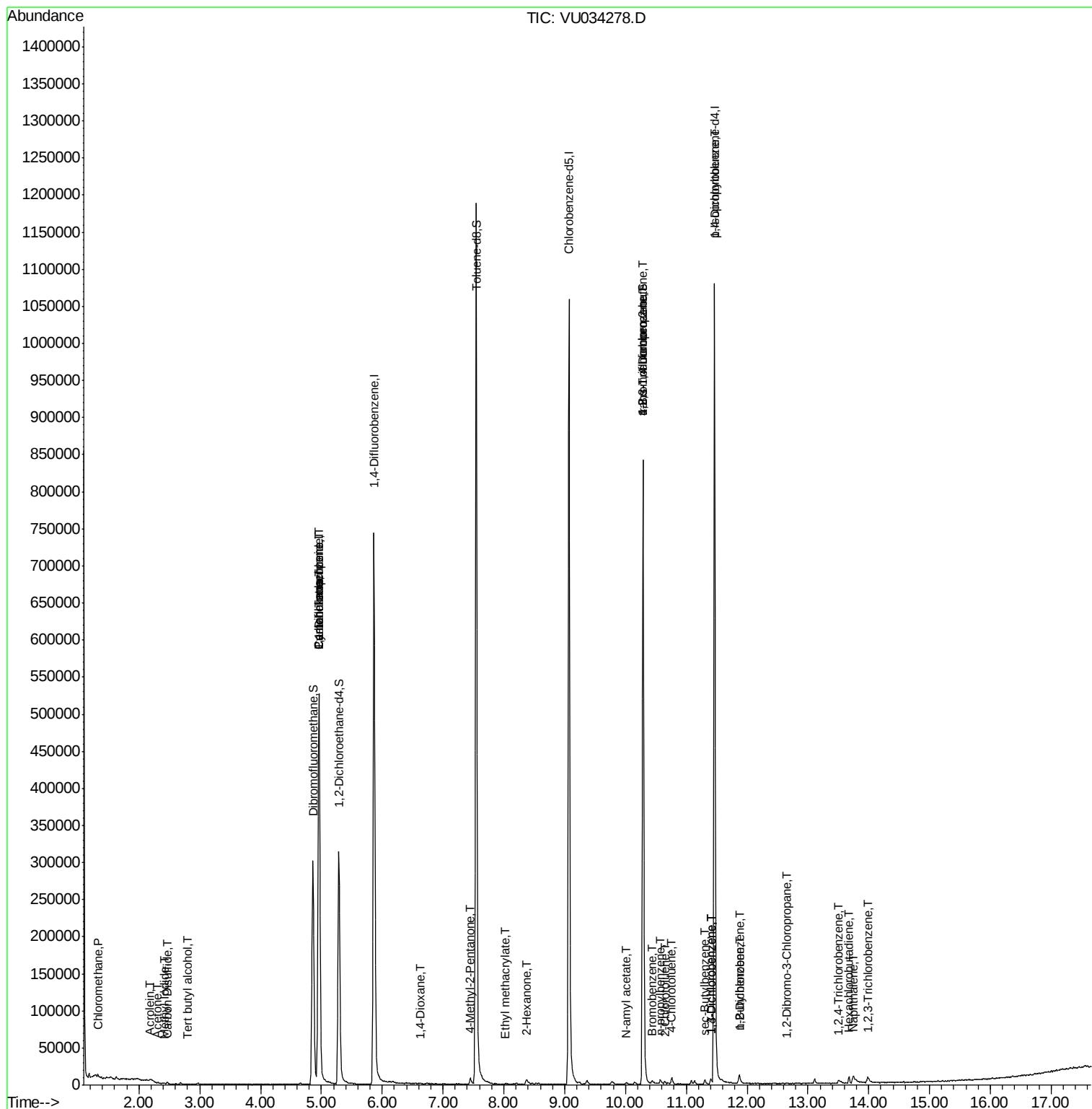
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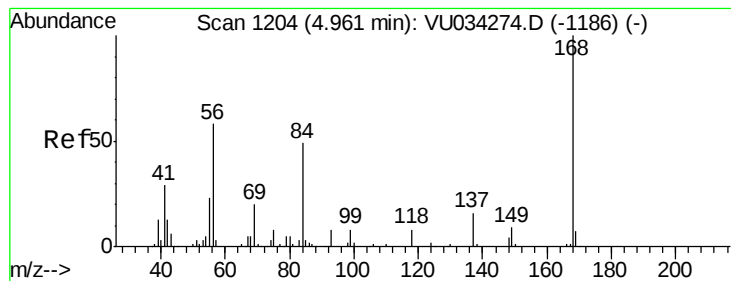
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034278.D

Acq: 05 Sep 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

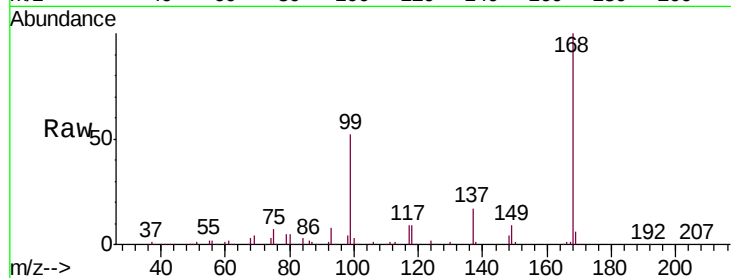
VU0906WBL01

Tgt Ion:168 Resp: 434113

Ion Ratio Lower Upper

168 100

99 52.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034278.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034278.D (-1186) (-)

4.96

200000

150000

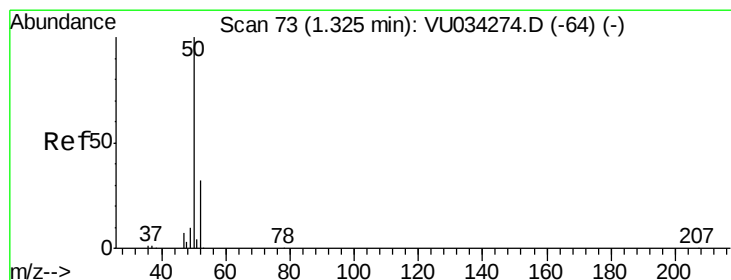
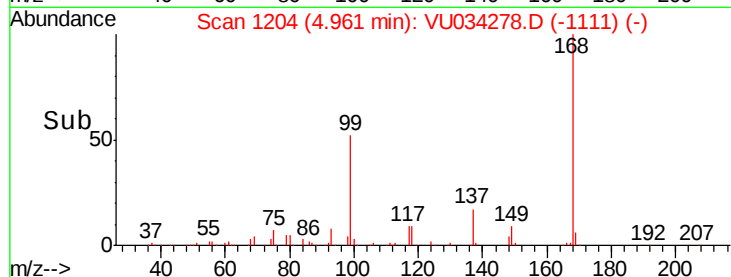
100000

50000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.388 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034278.D

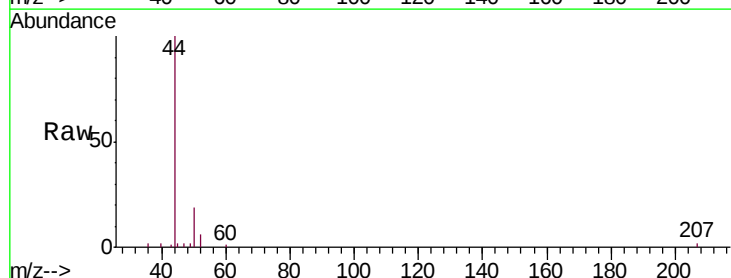
Acq: 05 Sep 2019 12:39

Tgt Ion: 50 Resp: 2318

Ion Ratio Lower Upper

50 100

52 34.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VU034278.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU034278.D (-1) (-)

1.32

2000

1500

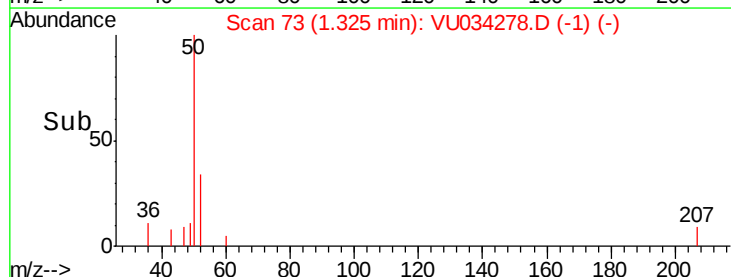
1000

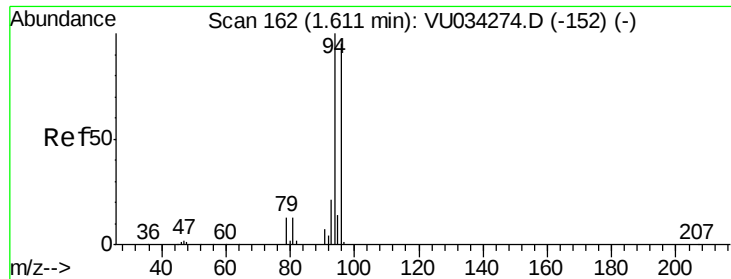
500

0

1.30 1.35 1.40

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 167

Delta R.T. 0.02 min

Lab File: VU034278.D

Acq: 05 Sep 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

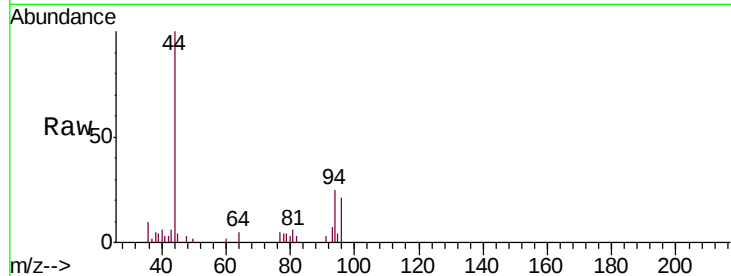
VU0906WBL01

Tgt Ion: 94 Resp: 1950

Ion Ratio Lower Upper

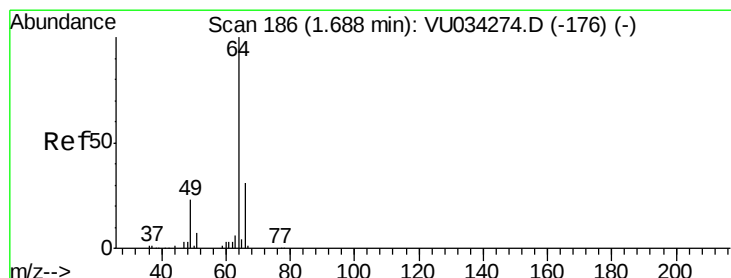
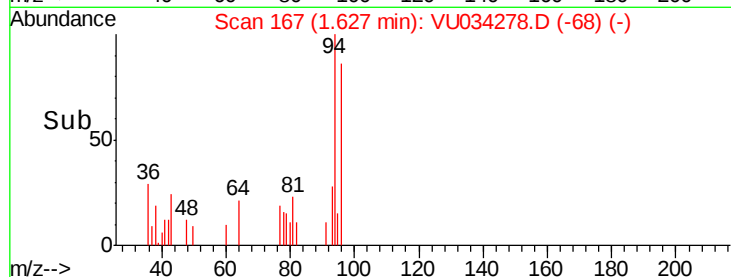
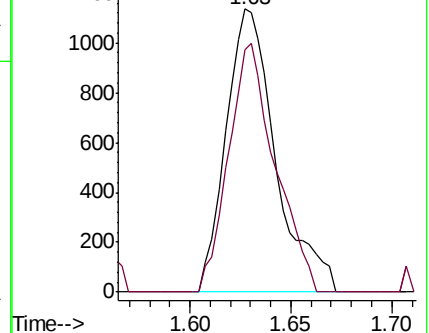
94 100

96 85.7 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# 189

Delta R.T. 0.01 min

Lab File: VU034278.D

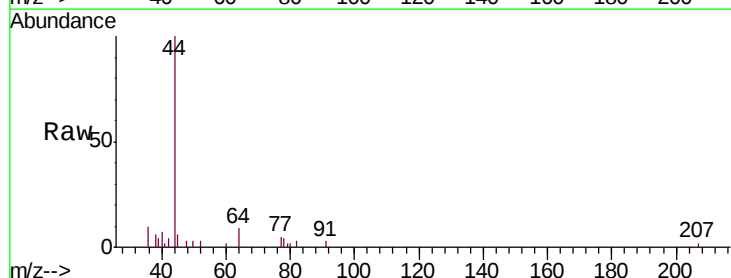
Acq: 05 Sep 2019 12:39

Tgt Ion: 64 Resp: 220

Ion Ratio Lower Upper

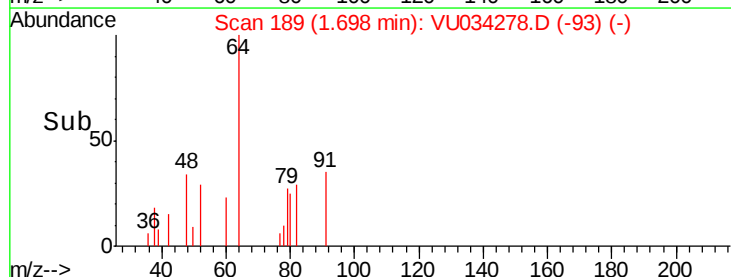
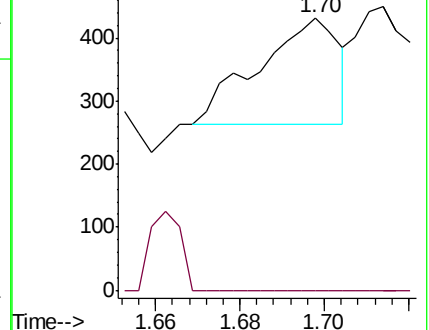
64 100

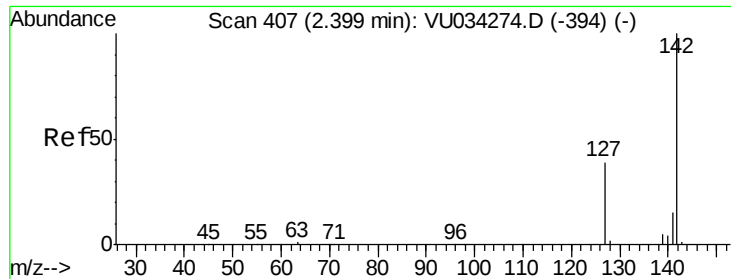
66 0.0 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

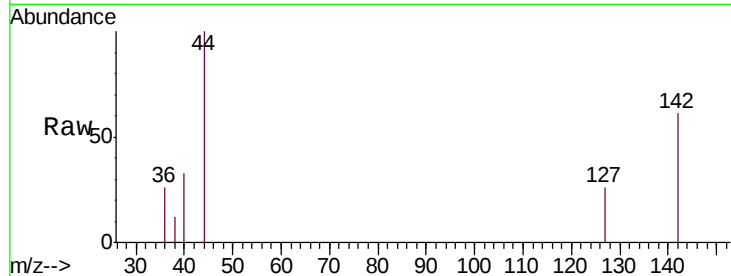




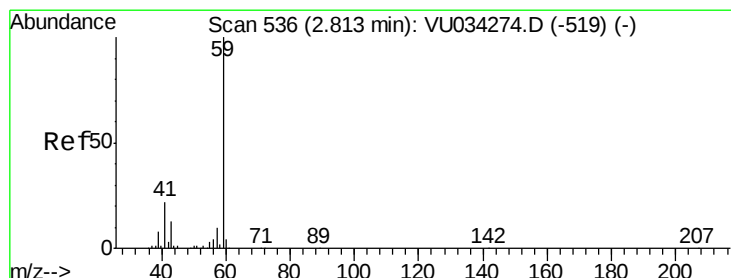
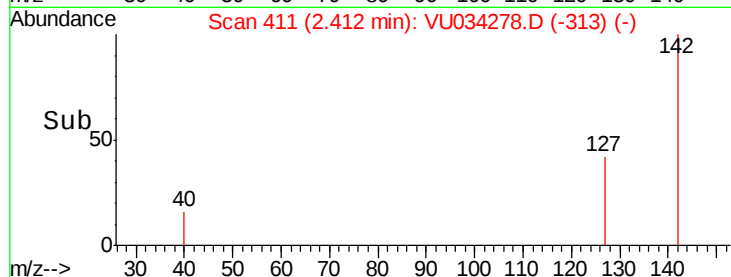
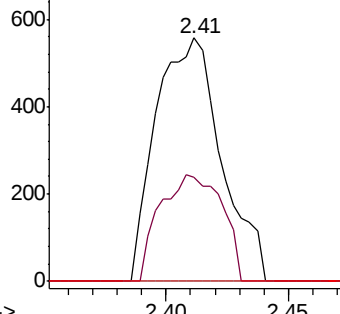
#10
Methyl Iodide
Concen: 4.055 ug/l
RT: 2.41 min Scan# 411
Delta R.T. 0.01 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBL01

Tgt Ion: 142 Resp: 1040
Ion Ratio Lower Upper
142 100
127 41.5 32.1 48.1
141 0.0 11.5 17.3#

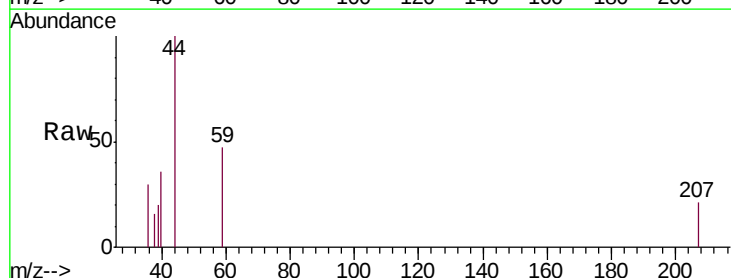


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

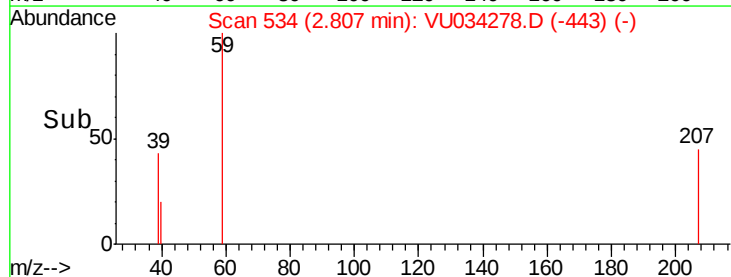
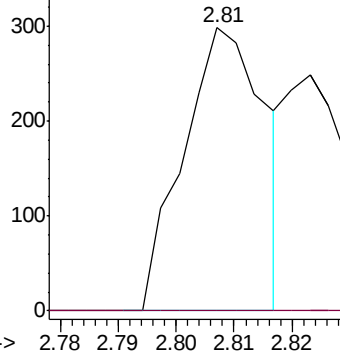


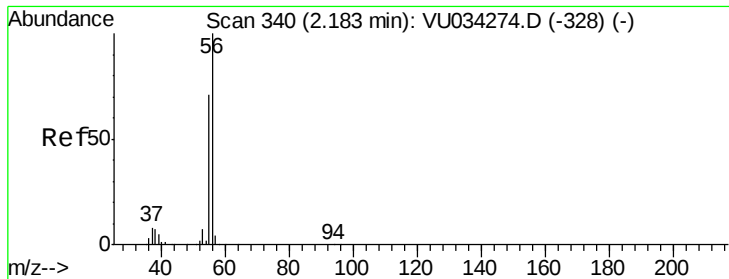
#11
Tert butyl alcohol
Concen: 0.209 ug/l
RT: 2.81 min Scan# 534
Delta R.T. -0.01 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

Tgt Ion: 59 Resp: 290
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





#13

Acrolein

Concen: 0.457 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034278.D

Acq: 05 Sep 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

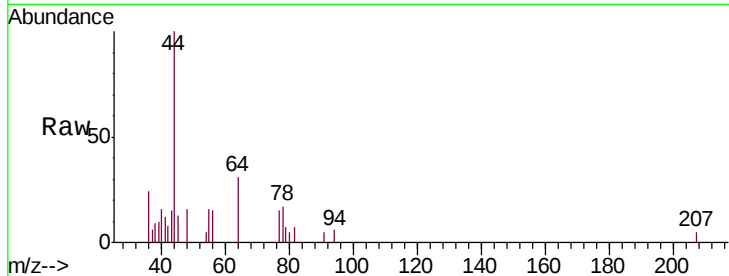
VU0906WBL01

Tgt Ion: 56 Resp: 533

Ion Ratio Lower Upper

56 100

55 95.5 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.18

300

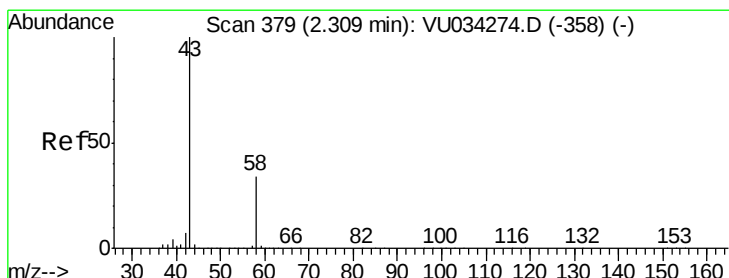
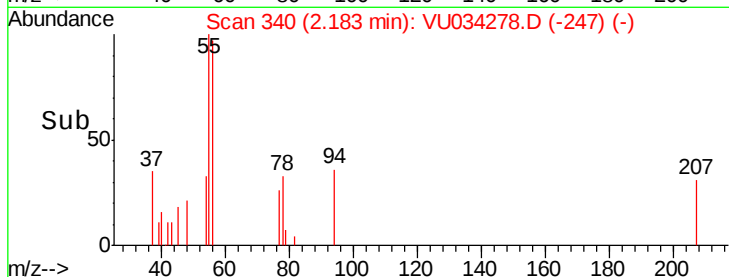
200

100

0

2.16 2.18 2.20 2.22

Time-->



#16

Acetone

Concen: 0.440 ug/l

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034278.D

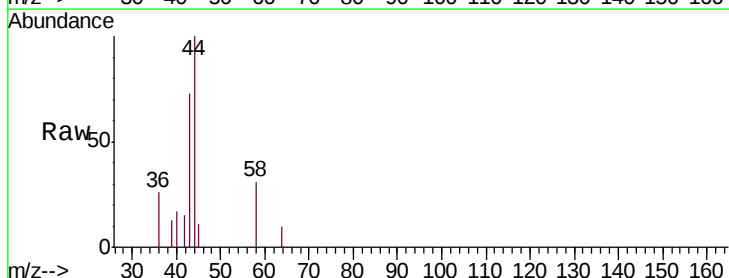
Acq: 05 Sep 2019 12:39

Tgt Ion: 43 Resp: 1494

Ion Ratio Lower Upper

43 100

58 50.8 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

1000

800

600

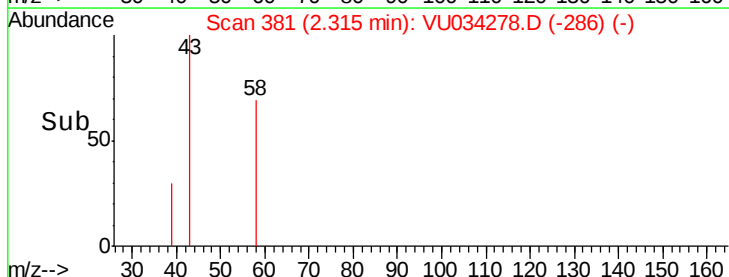
400

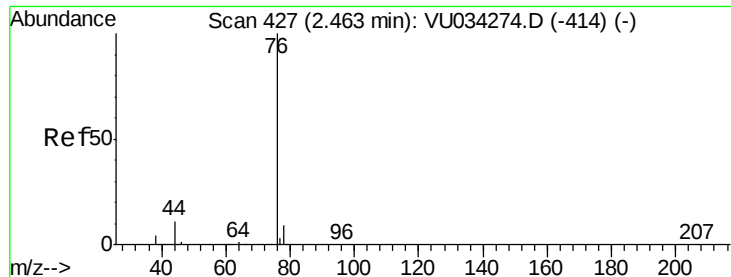
200

0

2.25 2.30 2.35

Time-->





#17

Carbon Disulfide

Concen: 0.267 ug/l

RT: 2.47 min Scan# 429

Delta R.T. 0.01 min

Lab File: VU034278.D

Acq: 05 Sep 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

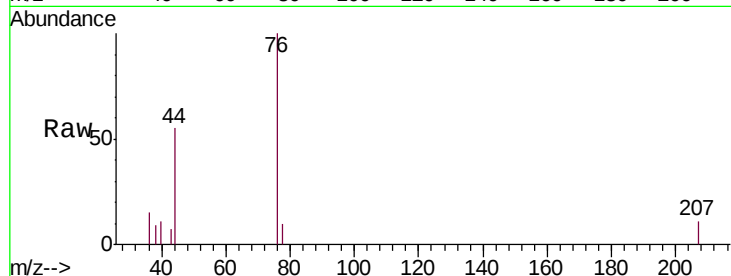
VU0906WBL01

Tgt Ion: 76 Resp: 2833

Ion Ratio Lower Upper

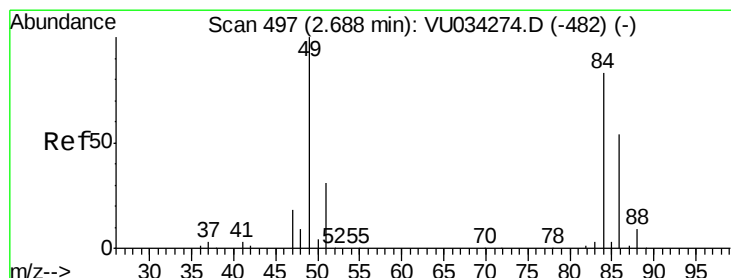
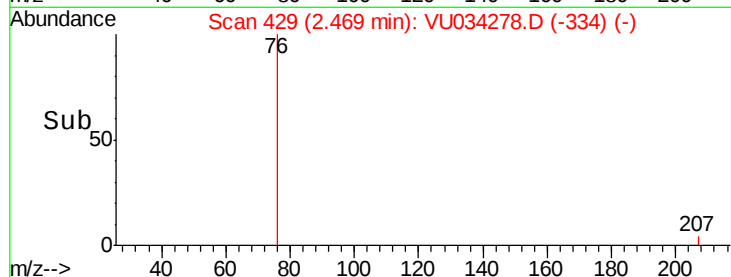
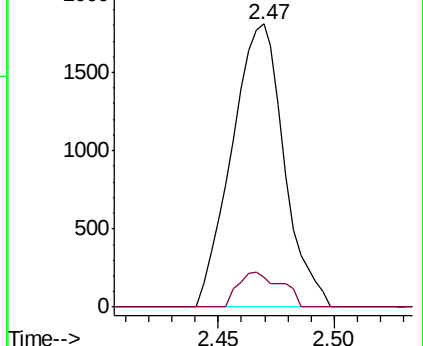
76 100

78 10.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU034278.D (-414) (-)

Ion 77.90 (77.60 to 78.60): VU034278.D (-414) (-)



#20

Methylene Chloride

Concen: Below Cal

RT: 2.68 min Scan# 496

Delta R.T. -0.00 min

Lab File: VU034278.D

Acq: 05 Sep 2019 12:39

Tgt Ion: 84 Resp: 936

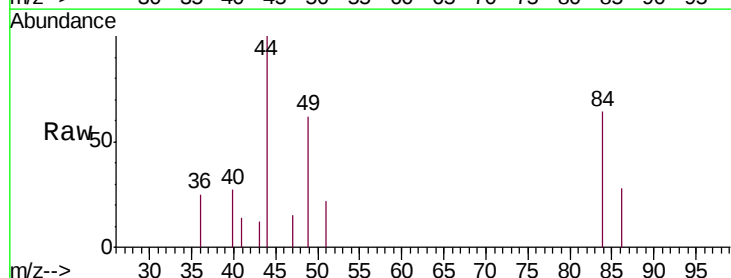
Ion Ratio Lower Upper

84 100

49 96.2 96.0 144.0

51 33.5 30.0 45.0

86 43.3 51.4 77.0#

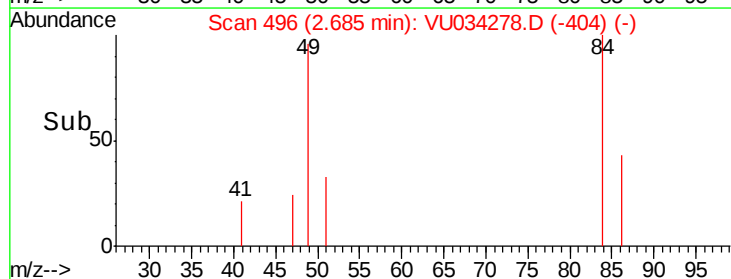
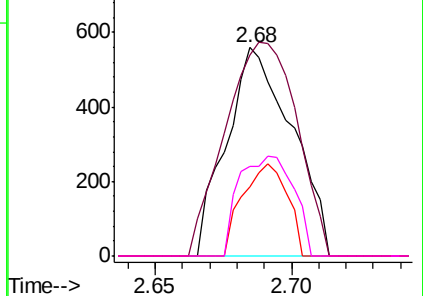


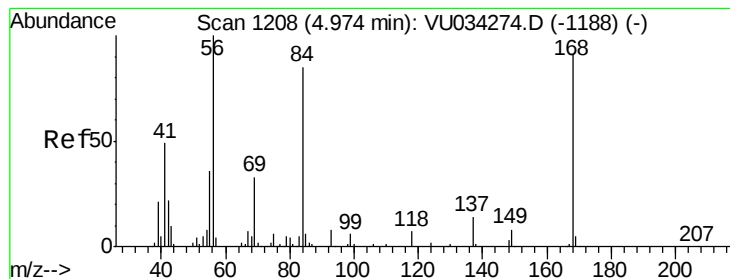
Abundance Ion 83.90 (83.60 to 84.60): VU034278.D (-404) (-)

Ion 48.90 (48.60 to 49.60): VU034278.D (-404) (-)

Ion 50.90 (50.60 to 51.60): VU034278.D (-404) (-)

Ion 85.90 (85.60 to 86.60): VU034278.D (-404) (-)





#31

Cyclohexane

Concen: 1.002 ug/l

RT: 4.96 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VU034278.D

Acq: 05 Sep 2019 12:39

Instrument :

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ClientSampleId :

VU0906WBL01

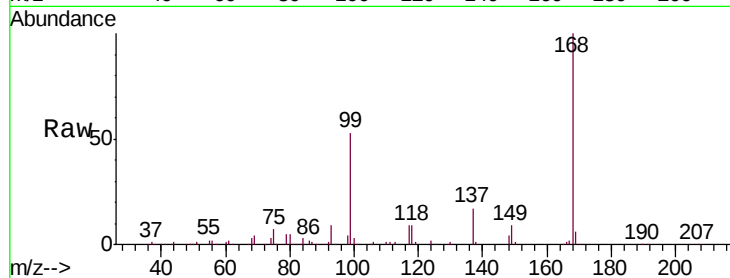
Tgt Ion: 56 Resp: 7708

Ion Ratio Lower Upper

56 100

69 189.1 26.7 40.1#

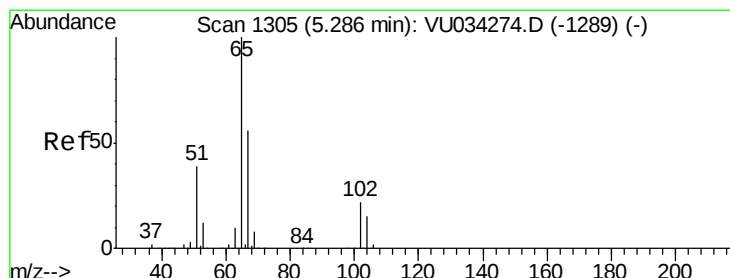
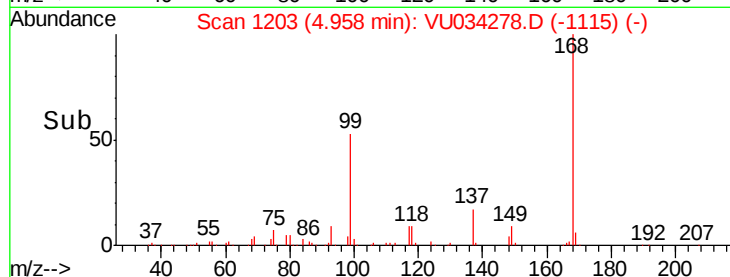
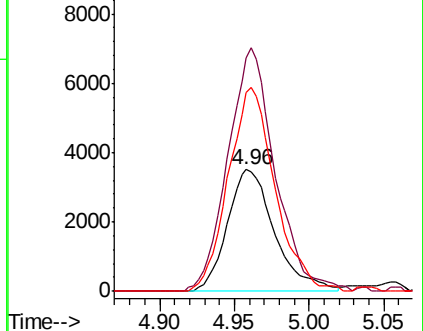
84 163.2 68.2 102.4#



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: 38.085 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034278.D

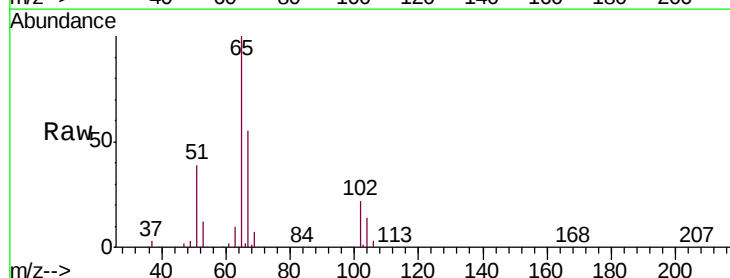
Acq: 05 Sep 2019 12:39

Tgt Ion: 65 Resp: 250152

Ion Ratio Lower Upper

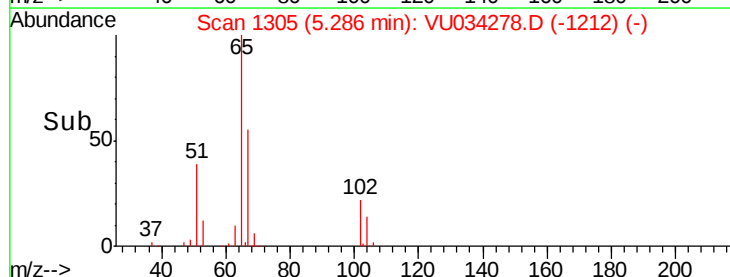
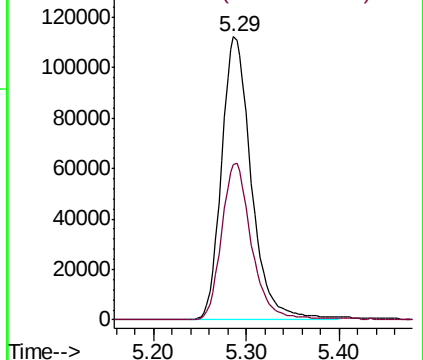
65 100

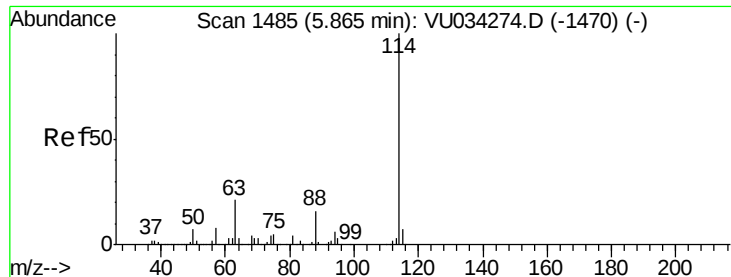
67 55.7 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

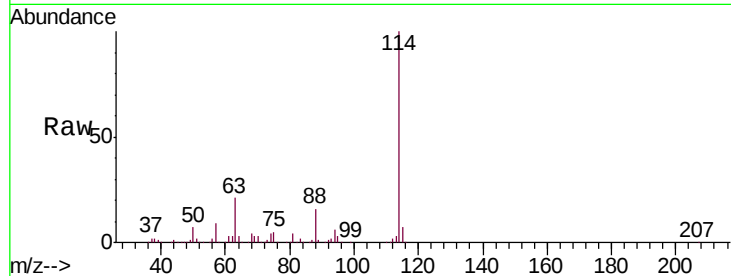




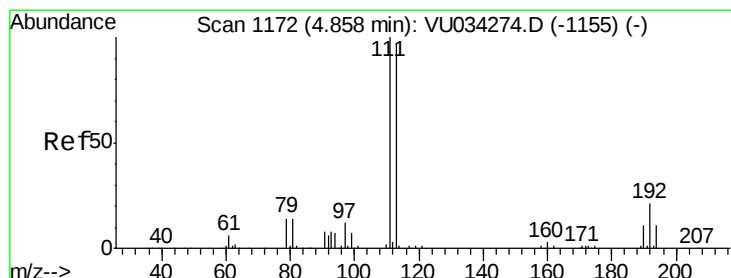
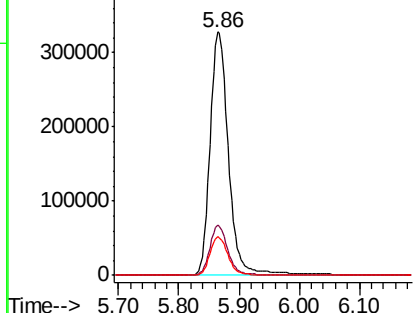
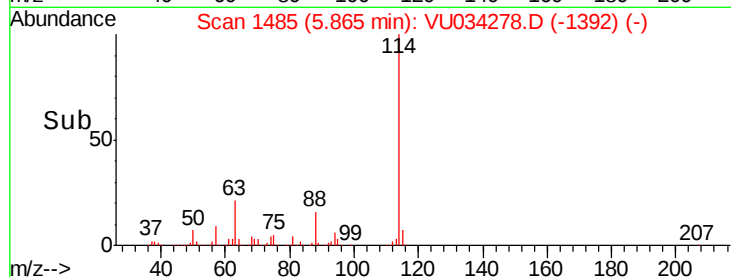
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034278.D
 Acq: 05 Sep 2019 12:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBL01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.4
88	15.8	0.0	32.4

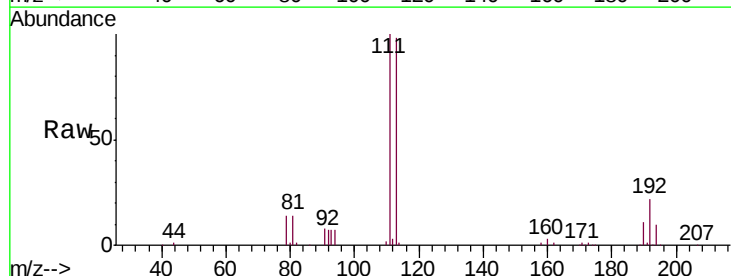


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

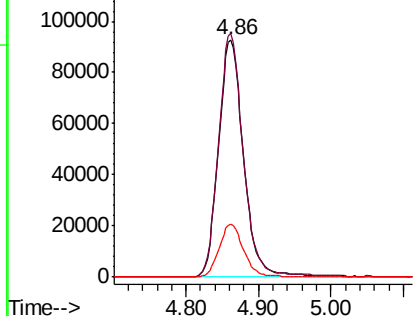
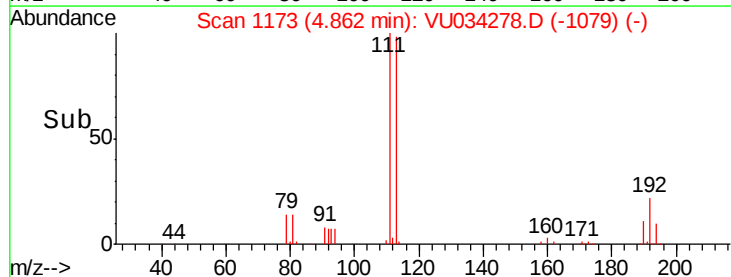


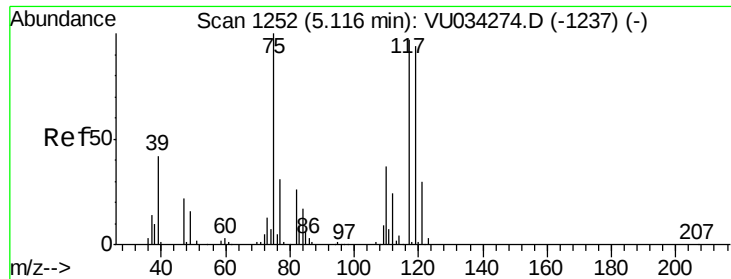
#35
 Dibromofluoromethane
 Concen: 34.889 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034278.D
 Acq: 05 Sep 2019 12:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.5	122.3
192	21.8	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

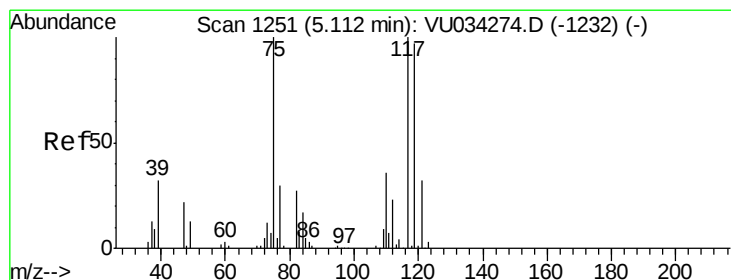
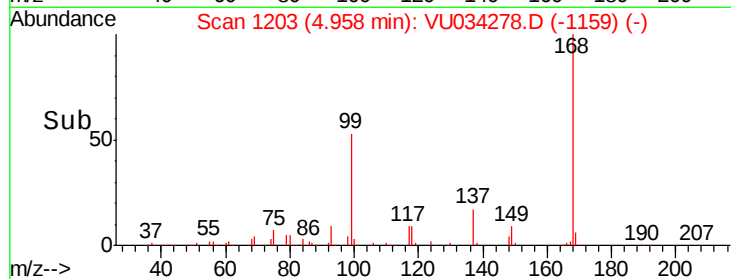
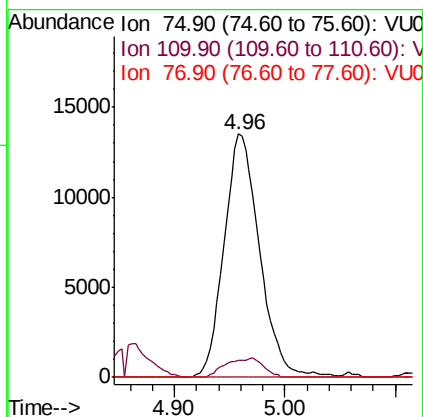
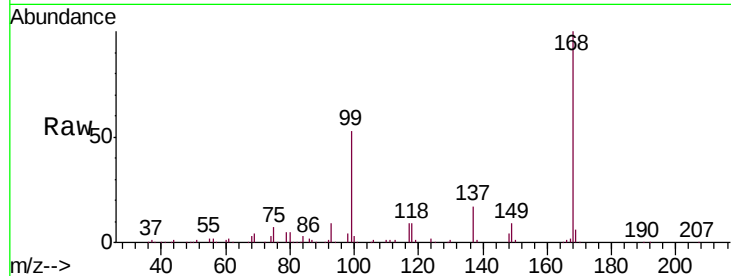




#36
 1,1-Dichloropropene
 Concen: 4.062 ug/l
 RT: 4.96 min Scan# 1203
 Delta R.T. -0.16 min
 Lab File: VU034278.D
 Acq: 05 Sep 2019 12:39

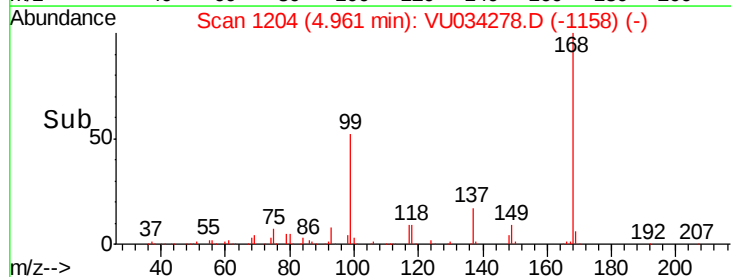
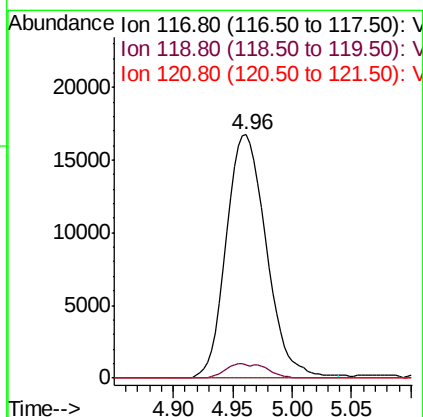
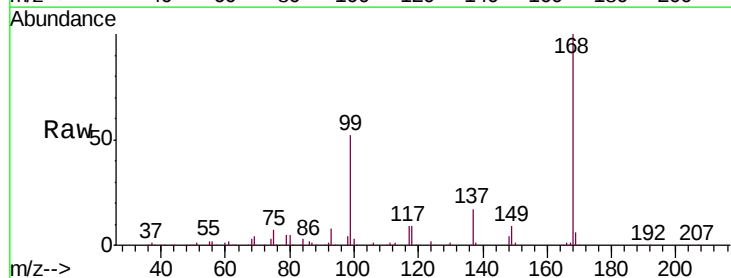
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBL01

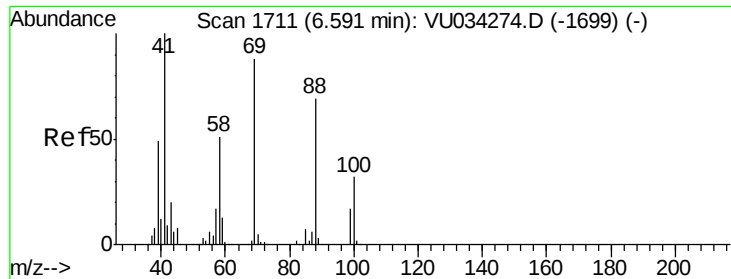
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 4.941 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034278.D
 Acq: 05 Sep 2019 12:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.8	116.6#
121	0.0	25.2	37.8#

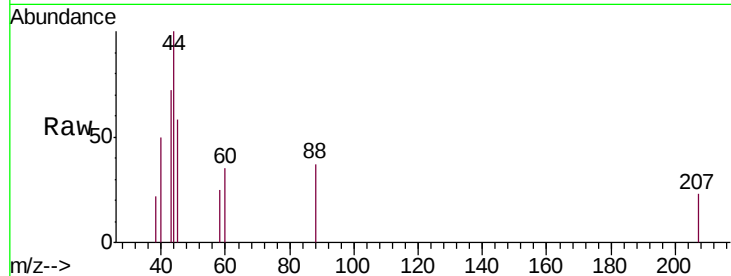




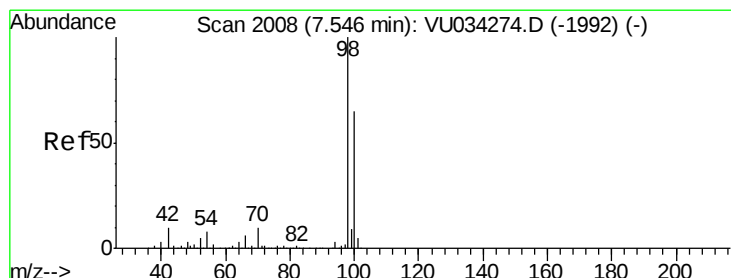
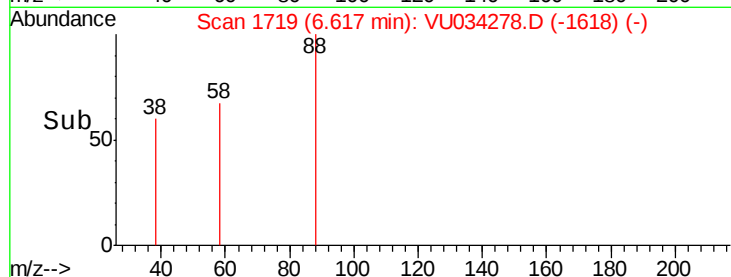
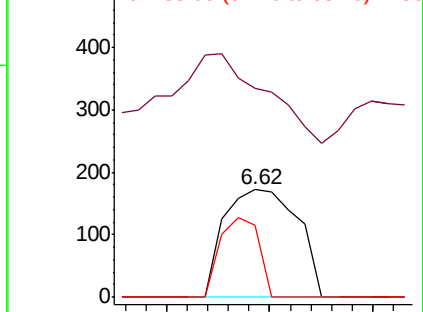
#49
1,4-Dioxane
Concen: 1.195 ug/l
RT: 6.62 min Scan# 1719
Delta R.T. 0.03 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBL01

Tgt Ion: 88 Resp: 170
Ion Ratio Lower Upper
88 100
43 123.5 23.8 35.6#
58 38.8 58.4 87.6#

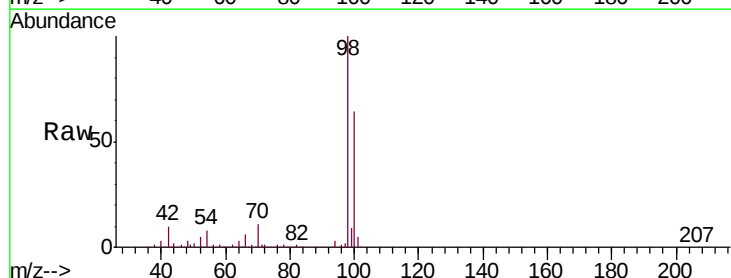


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

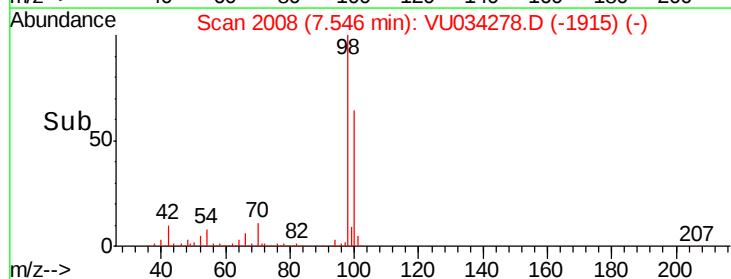
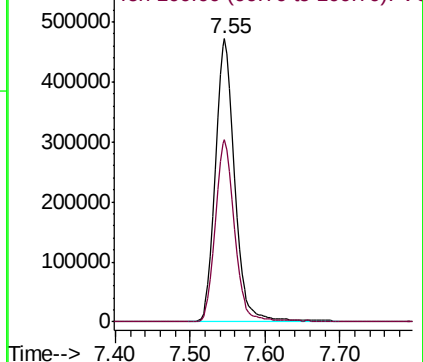


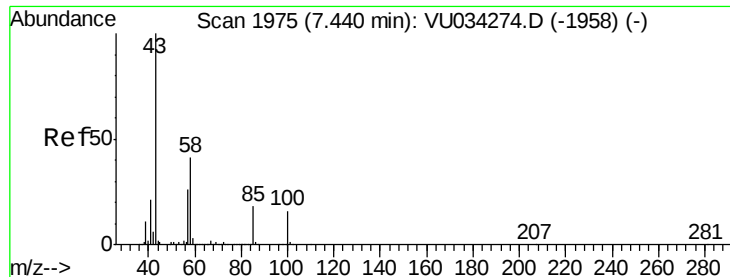
#50
Toluene-d8
Concen: 35.610 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

Tgt Ion: 98 Resp: 853695
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



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

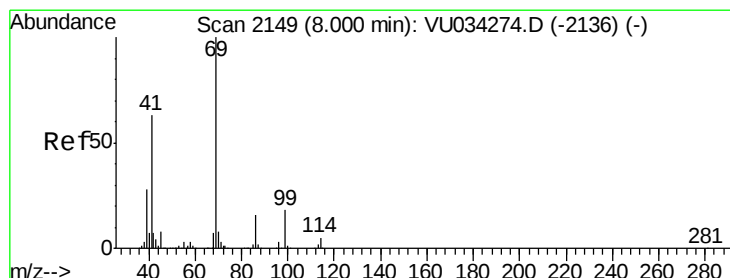
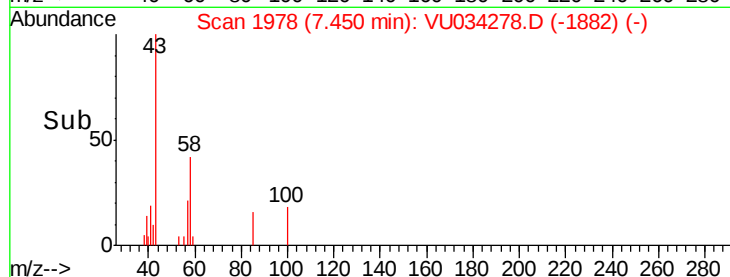
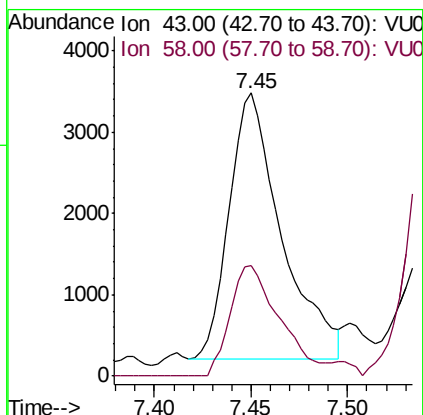
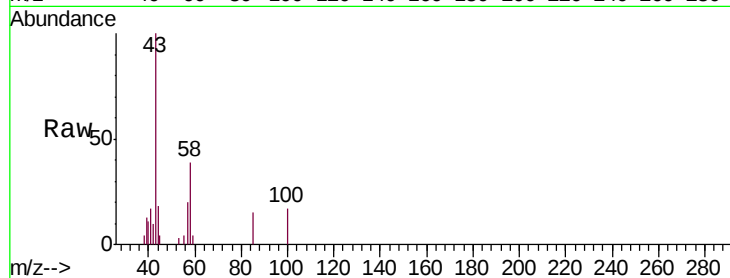




#51
 4-Methyl-2-Pentanone
 Concen: 0.649 ug/l
 RT: 7.45 min Scan# 1978
 Delta R.T. 0.01 min
 Lab File: VU034278.D
 Acq: 05 Sep 2019 12:39

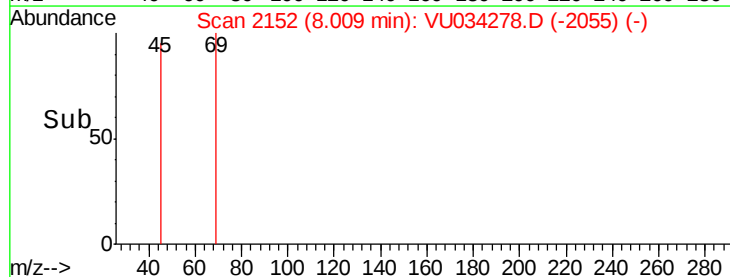
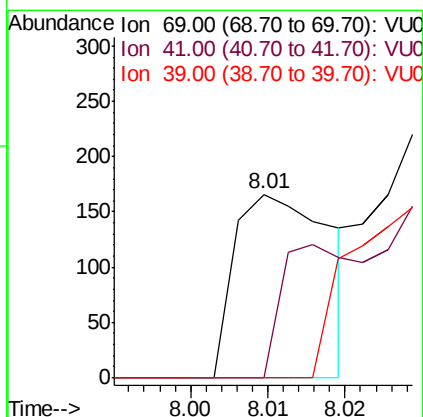
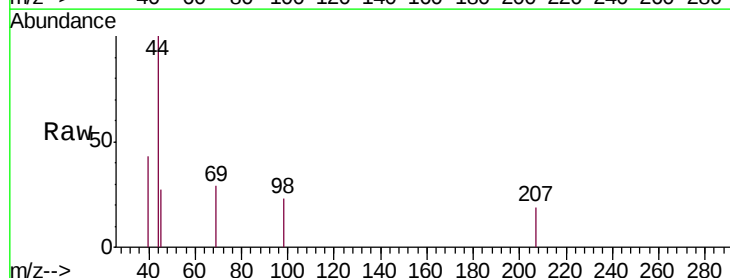
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBL01

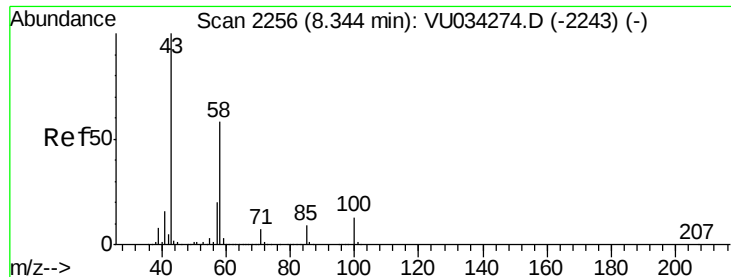
Tgt Ion: 43 Resp: 6163
 Ion Ratio Lower Upper
 43 100
 58 39.2 33.0 49.4



#56
 Ethyl methacrylate
 Concen: 3.089 ug/l
 RT: 8.01 min Scan# 2152
 Delta R.T. 0.01 min
 Lab File: VU034278.D
 Acq: 05 Sep 2019 12:39

Tgt Ion: 69 Resp: 143
 Ion Ratio Lower Upper
 69 100
 41 60.1 49.5 74.3
 39 0.0 22.5 33.7#

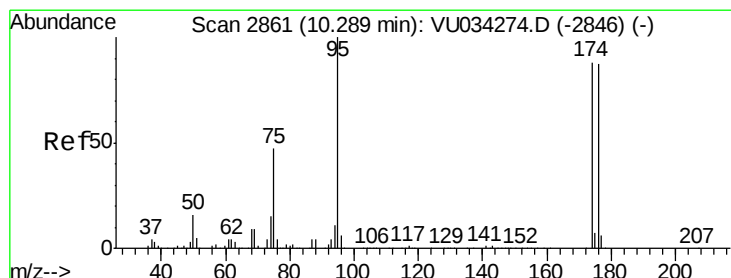
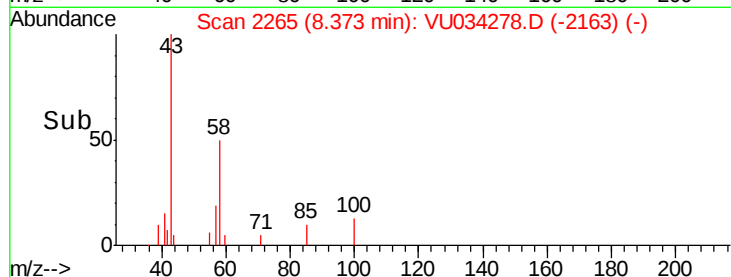
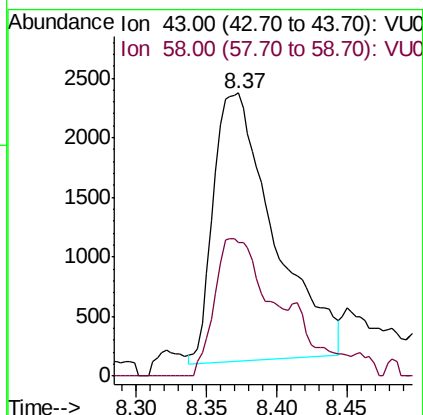
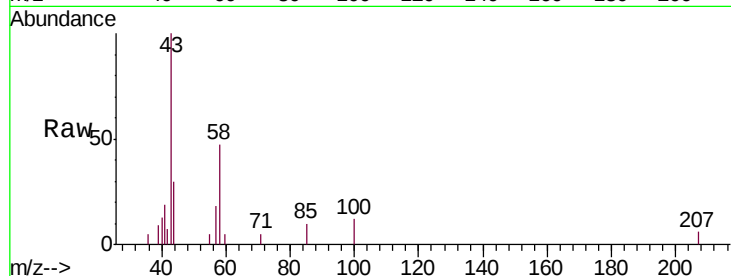




#59
2-Hexanone
Concen: 0.954 ug/l
RT: 8.37 min Scan# 2265
Delta R.T. 0.03 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

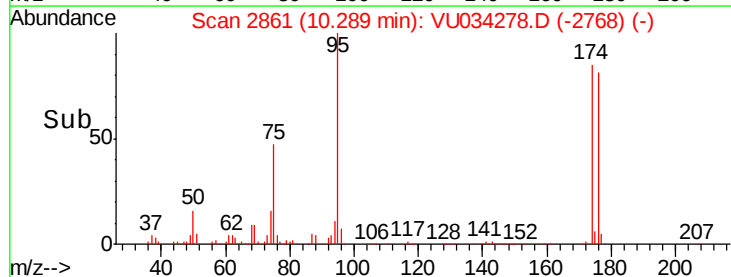
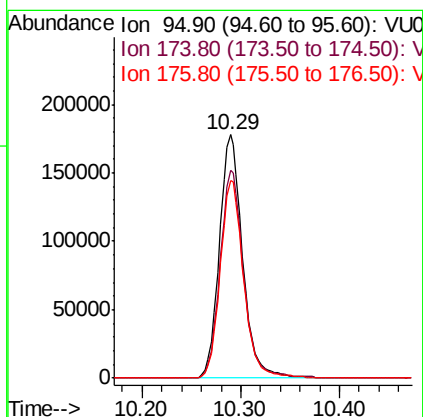
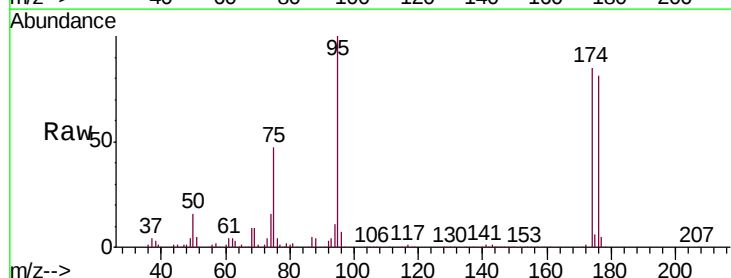
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBL01

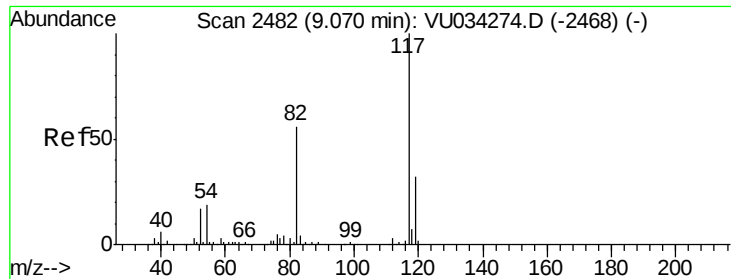
Tgt Ion: 43 Resp: 6768
Ion Ratio Lower Upper
43 100
58 44.5 28.8 86.5



#62
4-Bromofluorobenzene
Concen: 31.811 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

Tgt Ion: 95 Resp: 294443
Ion Ratio Lower Upper
95 100
174 86.3 0.0 175.2
176 82.2 0.0 168.0

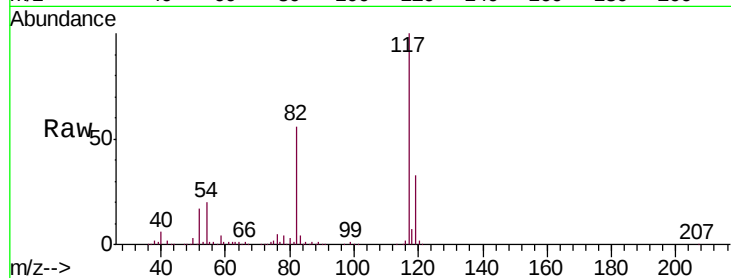




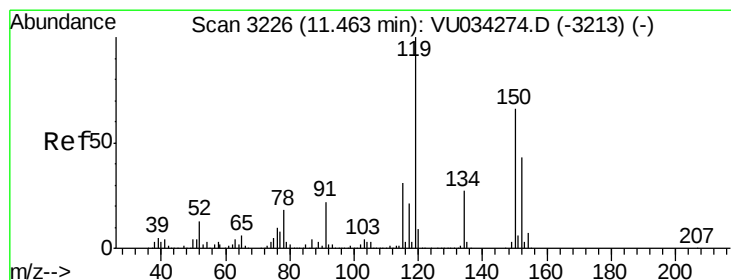
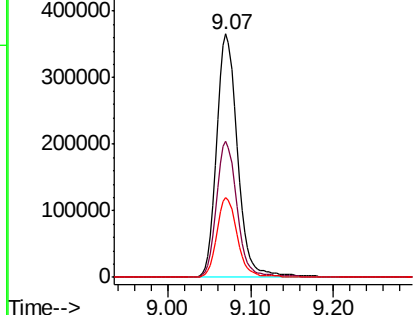
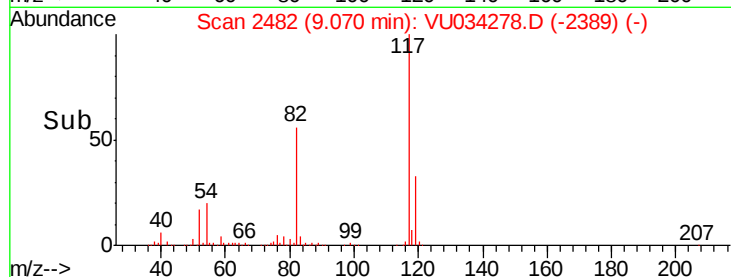
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBL01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.6	67.0
119	32.7	25.9	38.9

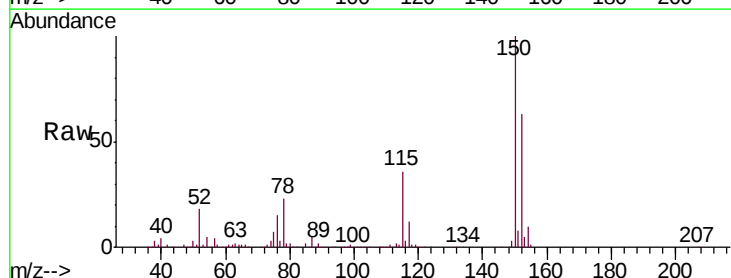


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

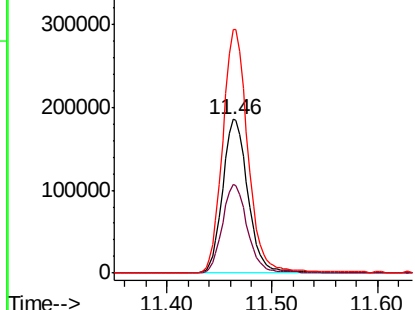
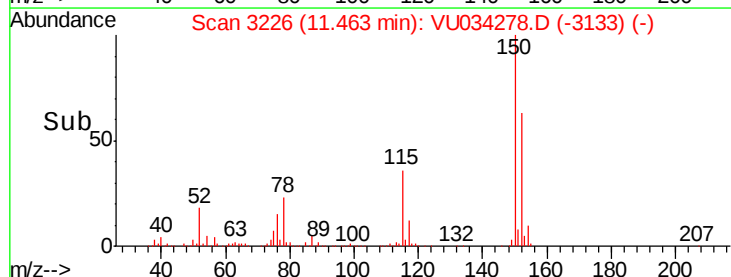


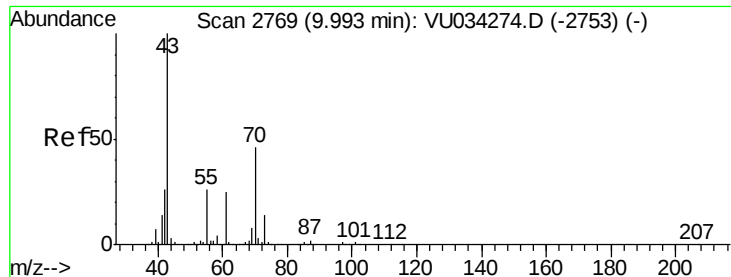
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	39.1	117.3
150	157.4	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-amyI acetate

Concen: 0.235 ug/l

RT: 10.01 min Scan# 2775

Delta R.T. 0.02 min

Lab File: VU034278.D

Acq: 05 Sep 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBL01

Tgt Ion: 43 Resp: 1903

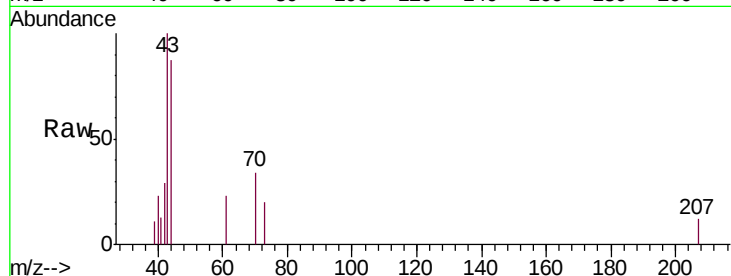
Ion Ratio Lower Upper

43 100

70 0.0 36.4 54.6#

55 7.8 21.2 31.8#

61 19.1 20.4 30.6#

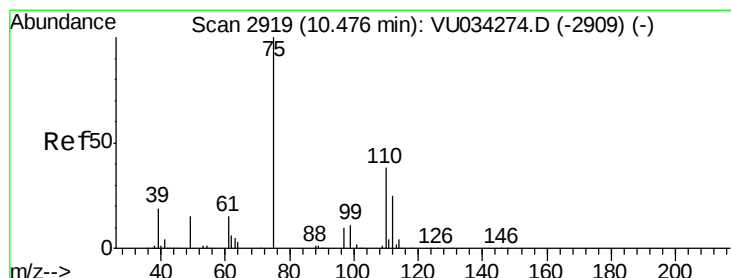
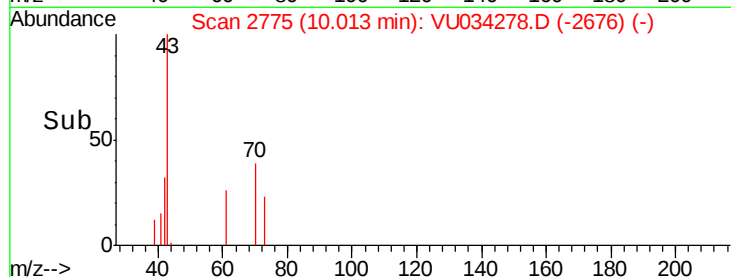
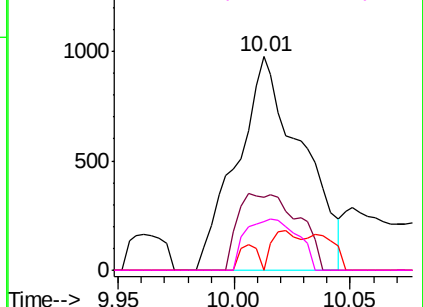


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 20.513 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034278.D

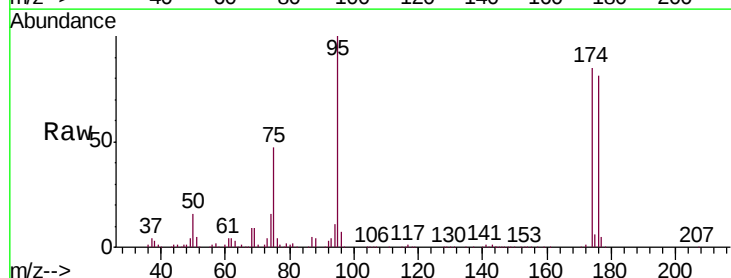
Acq: 05 Sep 2019 12:39

Tgt Ion: 75 Resp: 138619

Ion Ratio Lower Upper

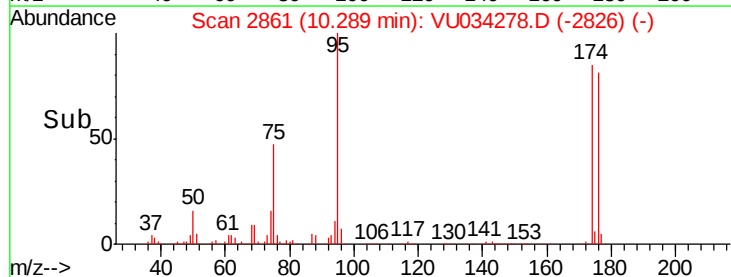
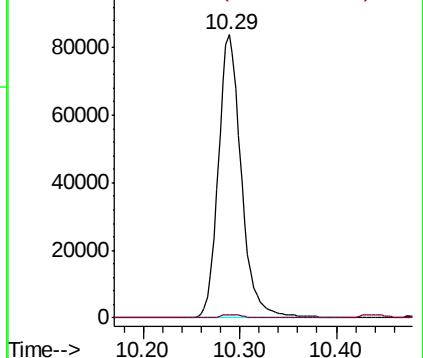
75 100

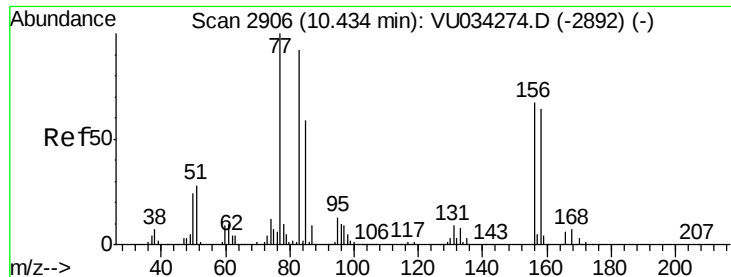
77 1.2 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 0.230 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034278.D

Acq: 05 Sep 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBL01

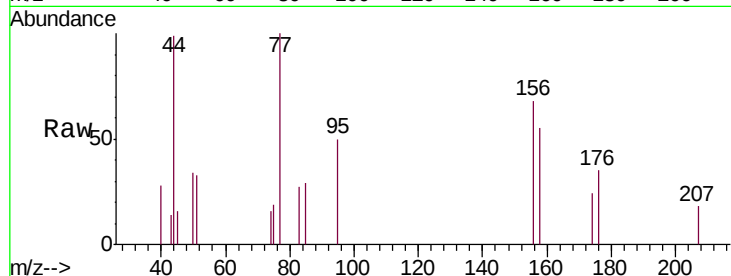
Tgt Ion:156 Resp: 1297

Ion Ratio Lower Upper

156 100

77 145.7 75.6 226.9

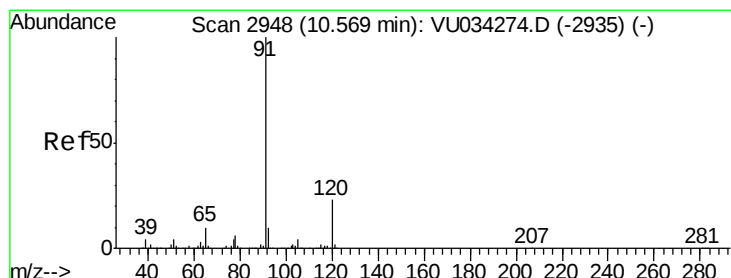
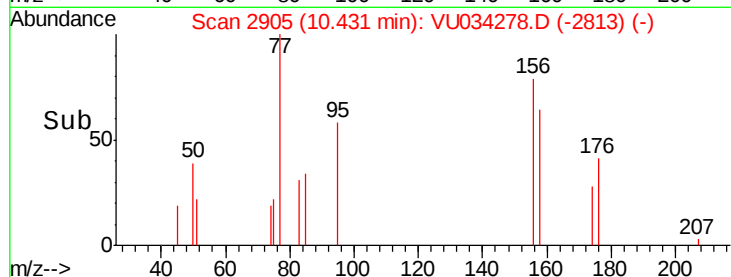
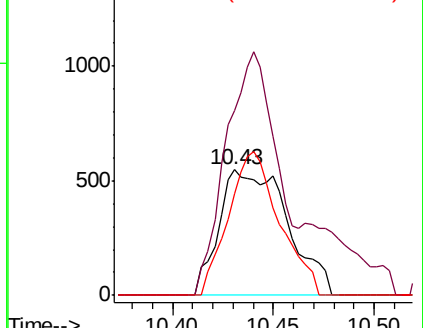
158 85.2 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.249 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU034278.D

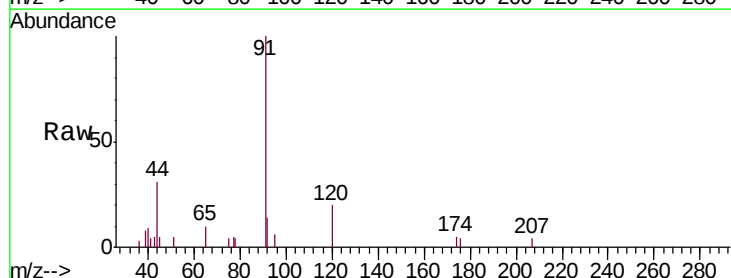
Acq: 05 Sep 2019 12:39

Tgt Ion: 91 Resp: 5788

Ion Ratio Lower Upper

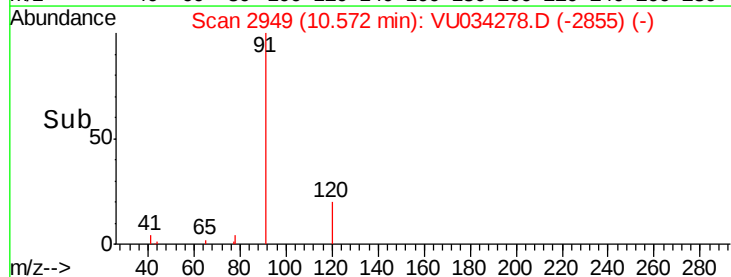
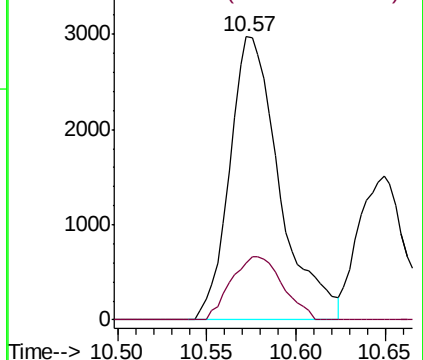
91 100

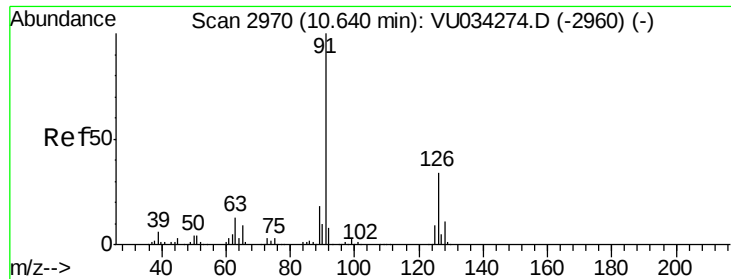
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.201 ug/l

RT: 10.65 min Scan# 2973

Delta R.T. 0.01 min

Lab File: VU034278.D

Acq: 05 Sep 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

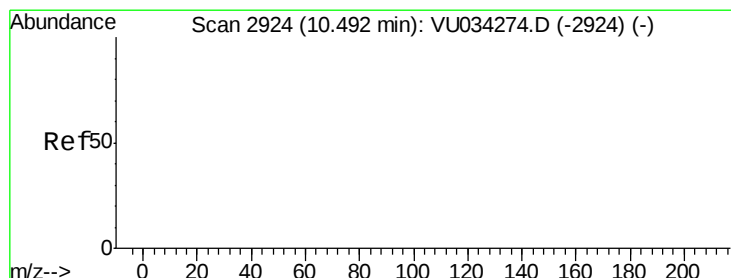
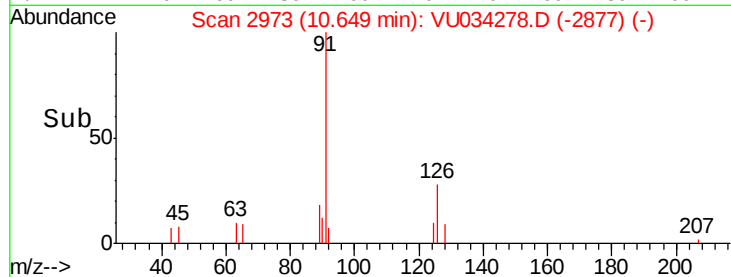
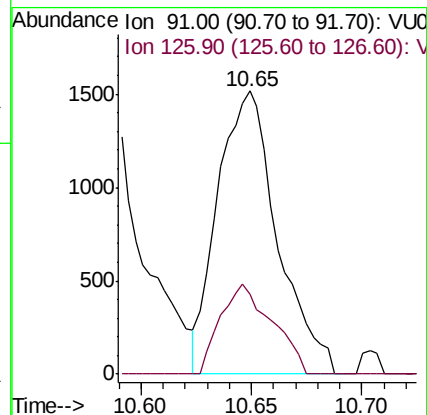
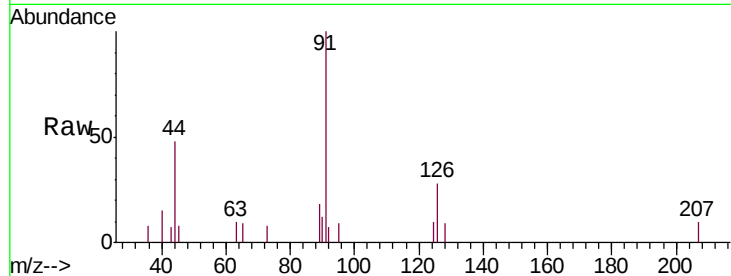
VU0906WBL01

Tgt Ion: 91 Resp: 2847

Ion Ratio Lower Upper

91 100

126 27.6 17.3 51.9



#81

trans-1,4-Dichloro-2-butene

Concen: 68.985 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.20 min

Lab File: VU034278.D

Acq: 05 Sep 2019 12:39

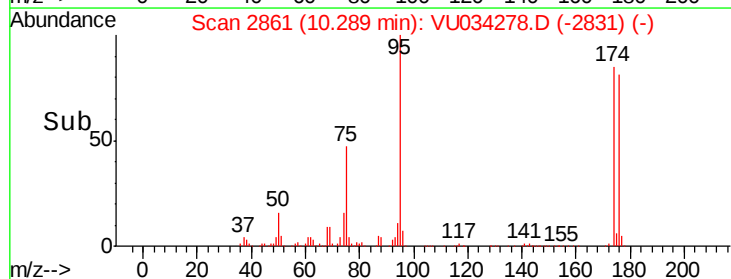
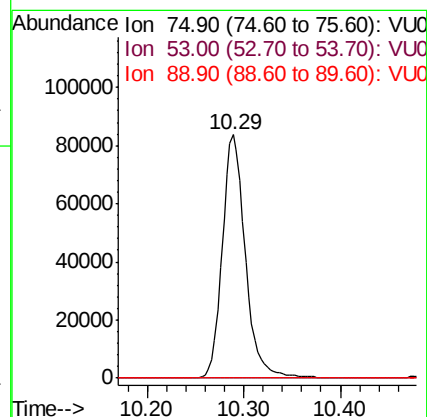
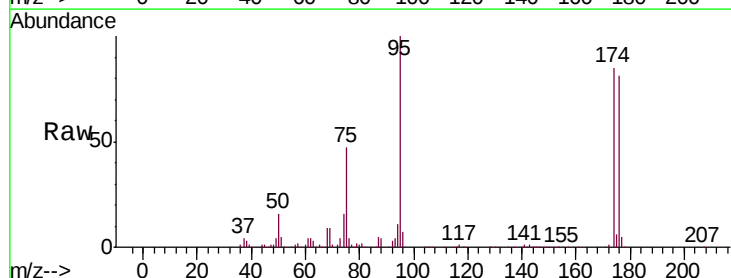
Tgt Ion: 75 Resp: 138619

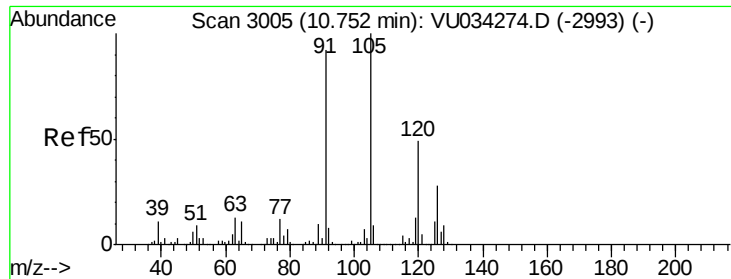
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0#

89 0.0 0.0 0.0

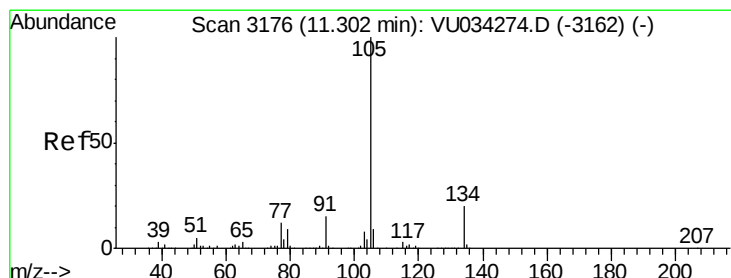
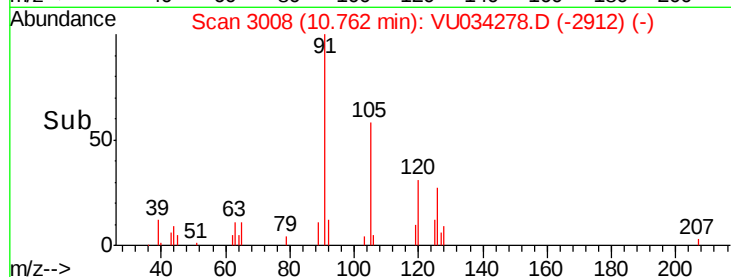
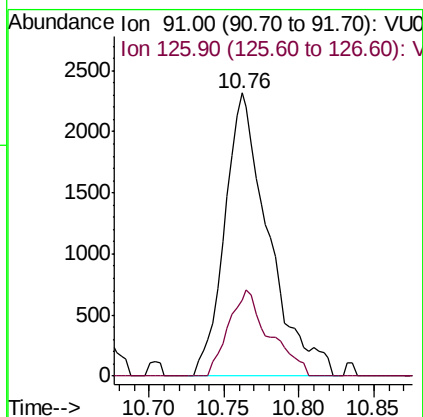
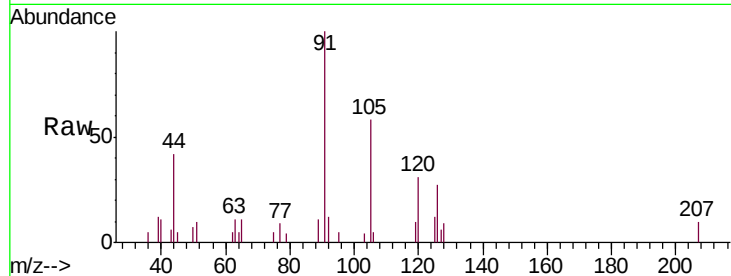




#82
4-Chlorotoluene
Concen: 0.290 ug/l
RT: 10.76 min Scan# 3008
Delta R.T. 0.01 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

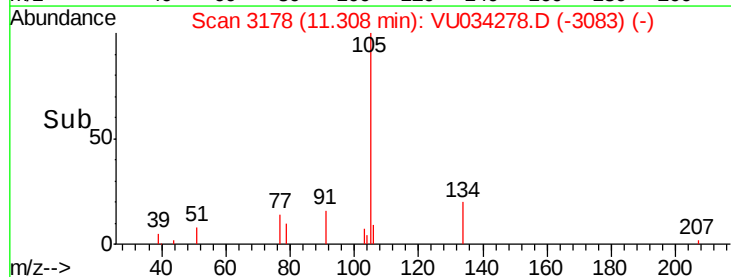
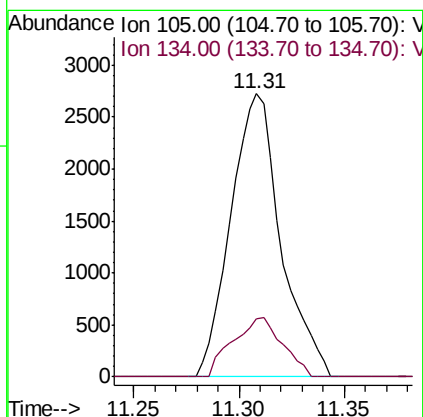
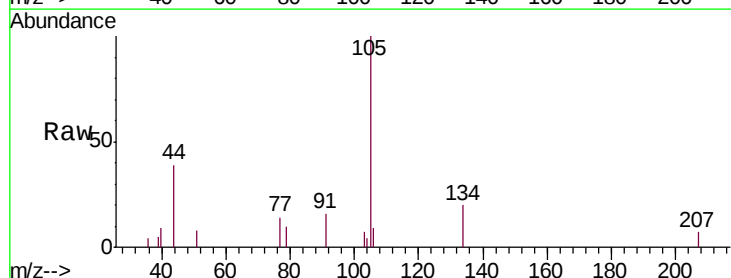
Instrument :
MSVOA_U
ClientSampleId :
VU0906WBL01

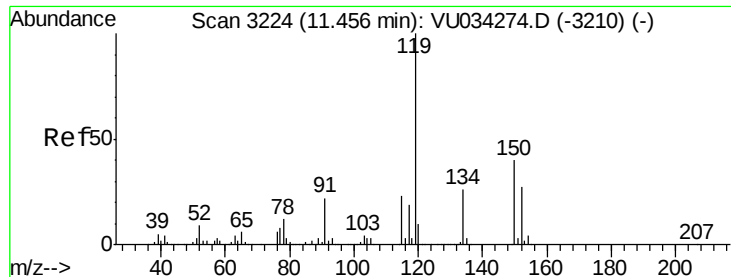
Tgt Ion: 91 Resp: 4742
Ion Ratio Lower Upper
91 100
126 28.3 15.3 45.8



#85
sec-Butylbenzene
Concen: 0.226 ug/l
RT: 11.31 min Scan# 3178
Delta R.T. 0.01 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

Tgt Ion: 105 Resp: 4495
Ion Ratio Lower Upper
105 100
134 20.5 10.1 30.3

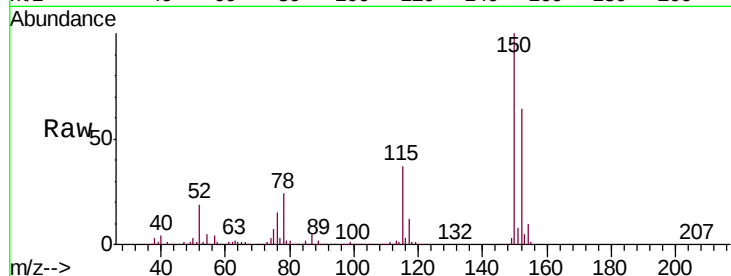




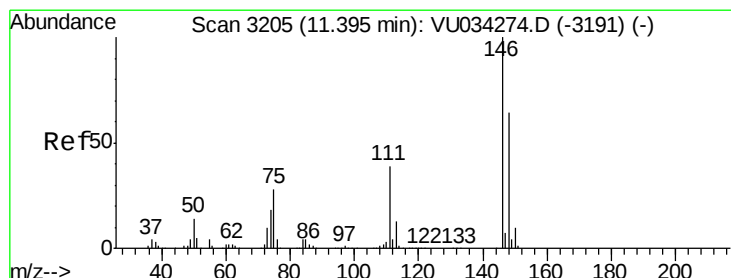
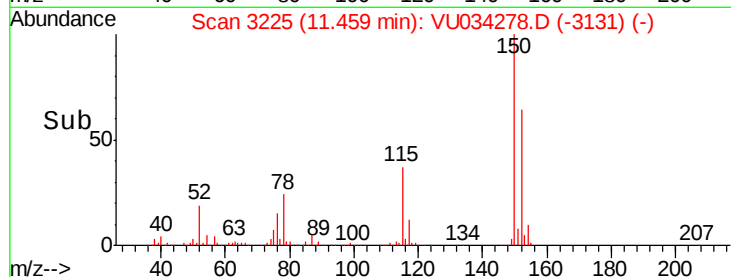
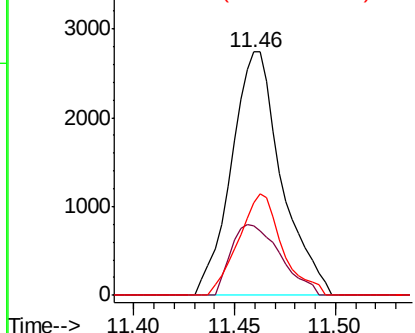
#86
p-Isopropyltoluene
Concen: 0.258 ug/l
RT: 11.46 min Scan# 3225
Delta R.T. 0.00 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBL01

Tgt Ion:119 Resp: 4746
Ion Ratio Lower Upper
119 100
134 28.9 13.3 39.8
91 36.5 11.2 33.6#

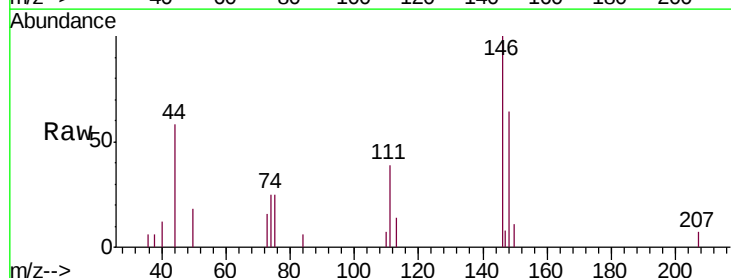


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

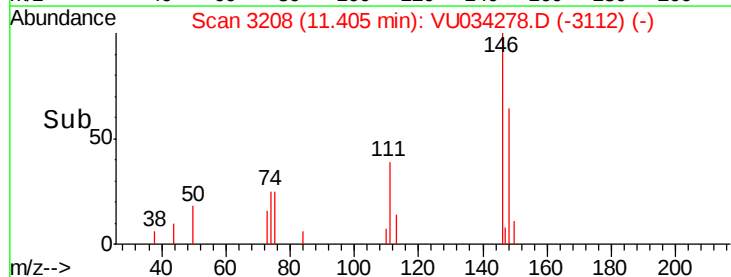
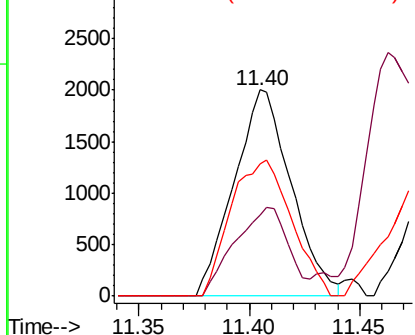


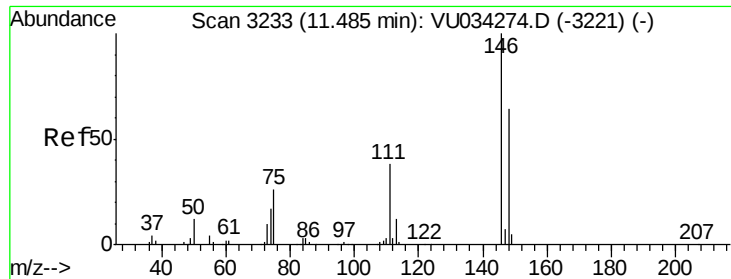
#87
1,3-Dichlorobenzene
Concen: 0.349 ug/l
RT: 11.40 min Scan# 3208
Delta R.T. 0.01 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

Tgt Ion:146 Resp: 3591
Ion Ratio Lower Upper
146 100
111 40.5 19.5 58.5
148 70.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

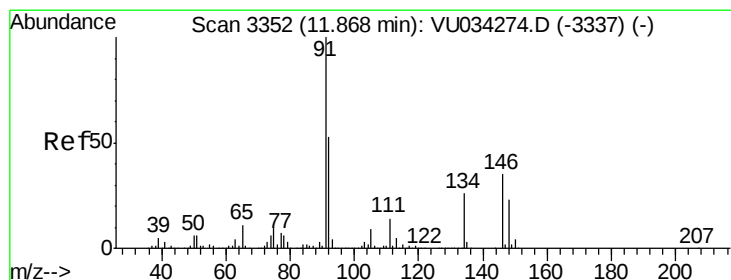
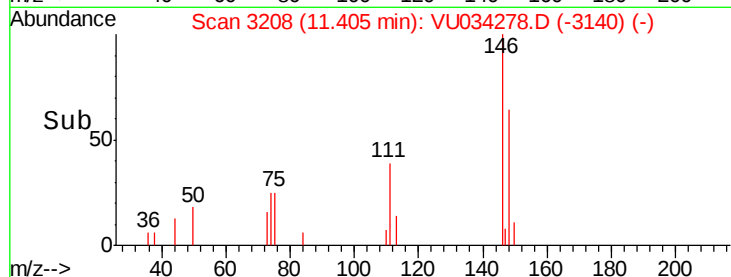
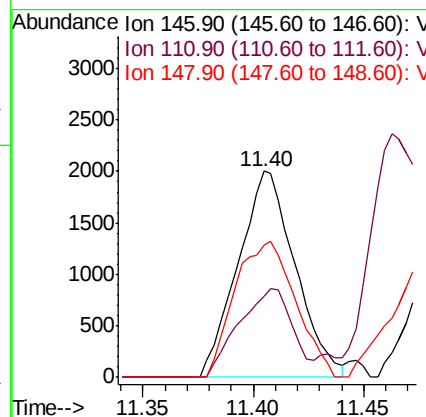
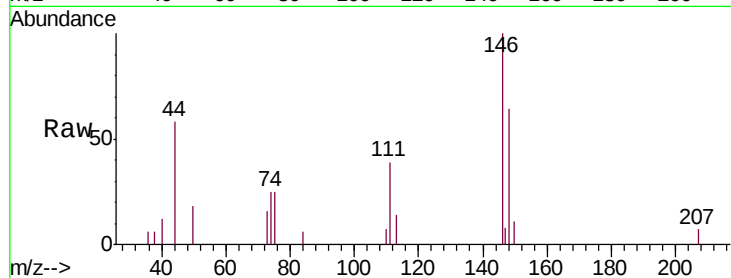




#88
 1,4-Dichlorobenzene
 Concen: 0.335 ug/l
 RT: 11.40 min Scan# 3208
 Delta R.T. -0.08 min
 Lab File: VU034278.D
 Acq: 05 Sep 2019 12:39

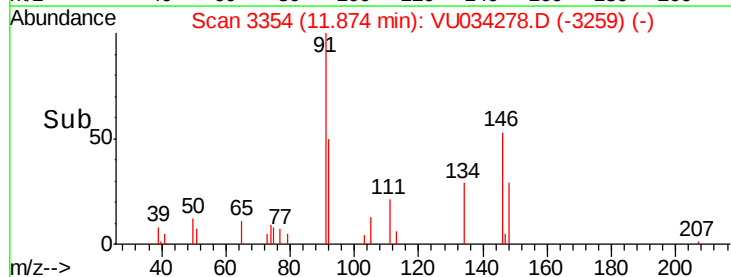
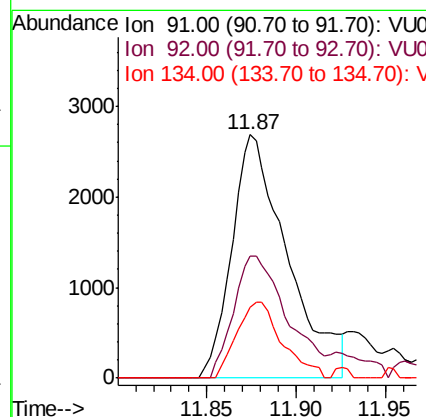
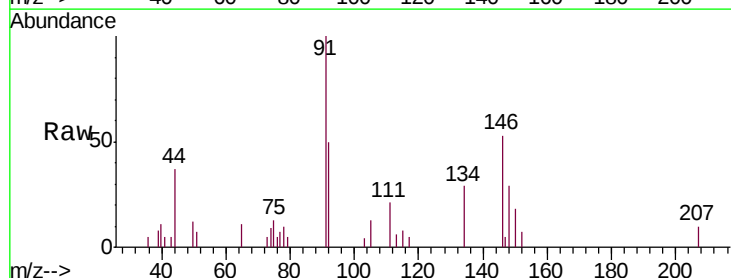
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBL01

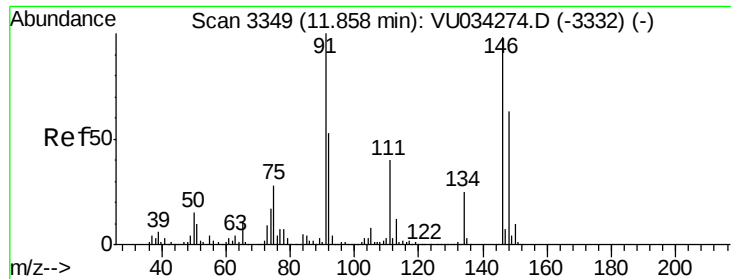
Tgt Ion:146 Resp: 3591
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.1 57.3
 148 70.1 32.0 96.0



#89
 n-Butylbenzene
 Concen: 0.366 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.01 min
 Lab File: VU034278.D
 Acq: 05 Sep 2019 12:39

Tgt Ion: 91 Resp: 5838
 Ion Ratio Lower Upper
 91 100
 92 48.2 26.5 79.4
 134 25.3 13.2 39.6

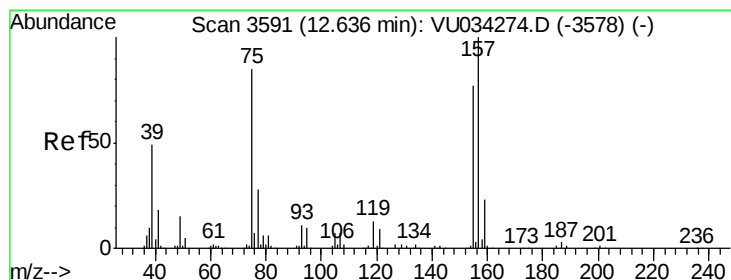
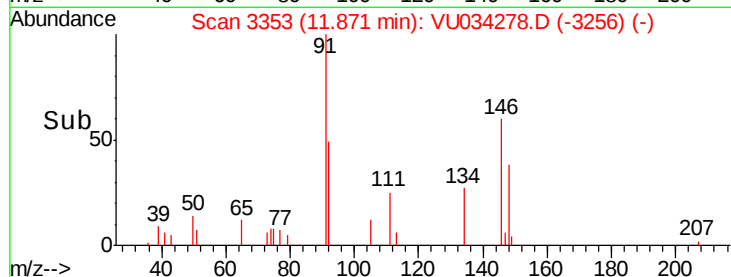
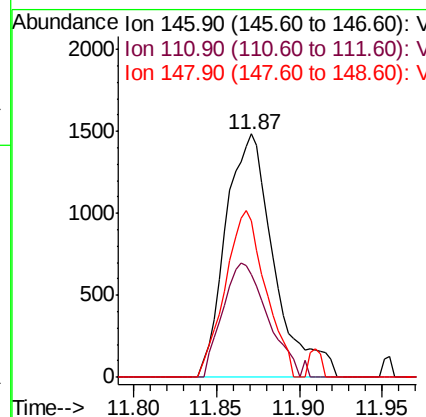
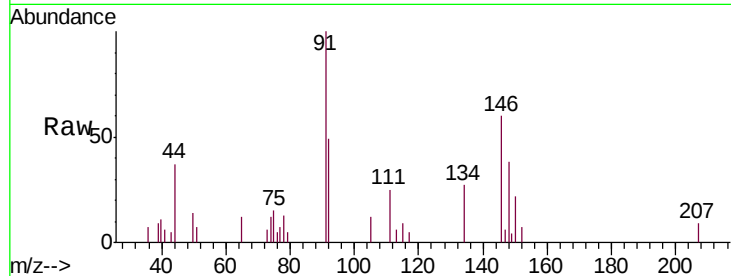




#91
 1,2-Dichlorobenzene
 Concen: 0.297 ug/l
 RT: 11.87 min Scan# 3353
 Delta R.T. 0.01 min
 Lab File: VU034278.D
 Acq: 05 Sep 2019 12:39

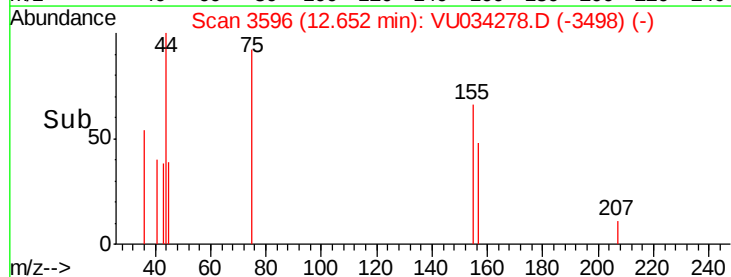
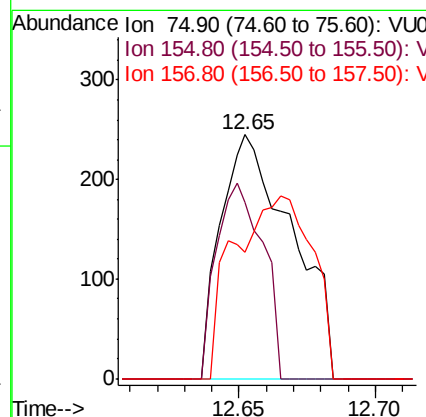
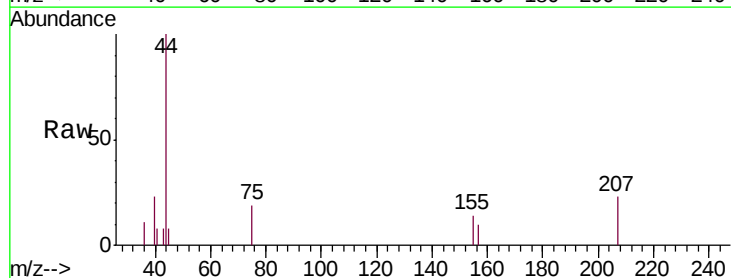
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBL01

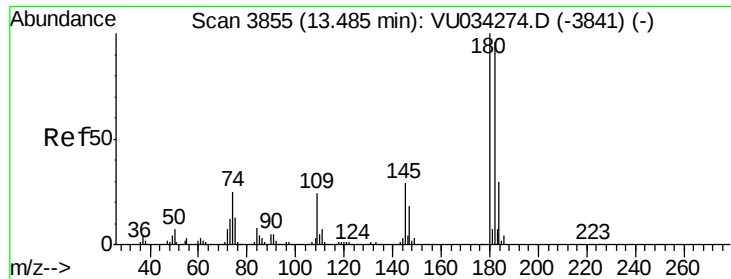
Tgt Ion: 146 Resp: 3003
 Ion Ratio Lower Upper
 146 100
 111 44.0 20.0 60.0
 148 57.4 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.298 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. 0.02 min
 Lab File: VU034278.D
 Acq: 05 Sep 2019 12:39

Tgt Ion: 75 Resp: 446
 Ion Ratio Lower Upper
 75 100
 155 51.8 44.6 134.0
 157 81.6 58.2 174.6

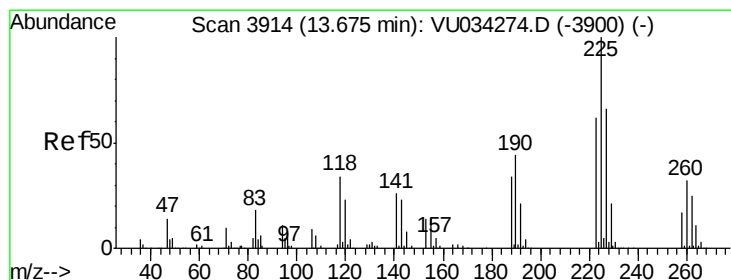
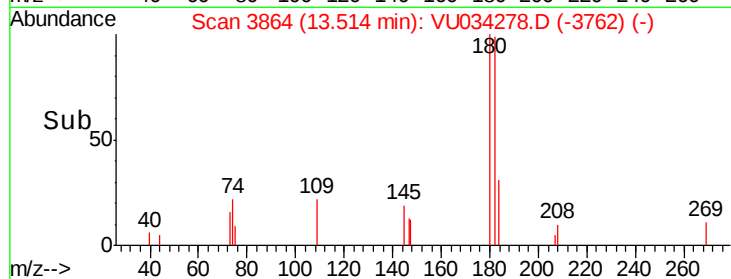
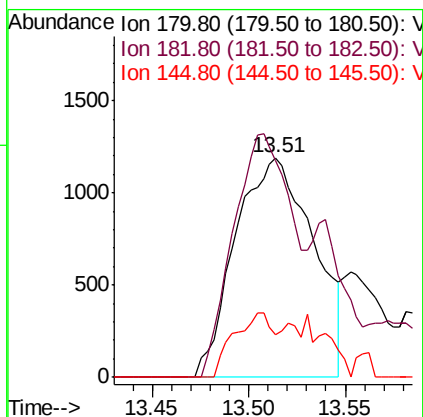
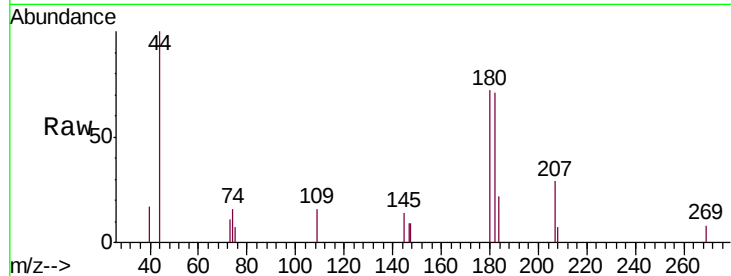




#93
 1,2,4-Trichlorobenzene
 Concen: 3.876 ug/l
 RT: 13.51 min Scan# 3864
 Delta R.T. 0.03 min
 Lab File: VU034278.D
 Acq: 05 Sep 2019 12:39

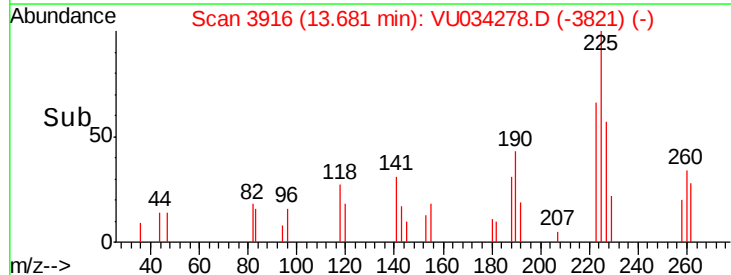
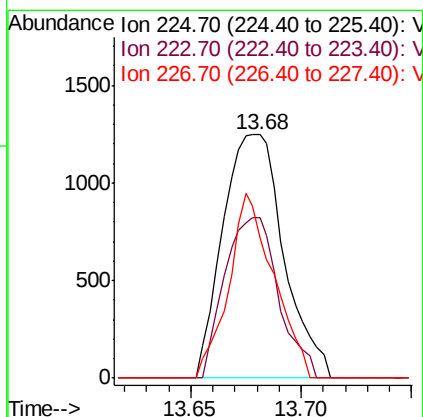
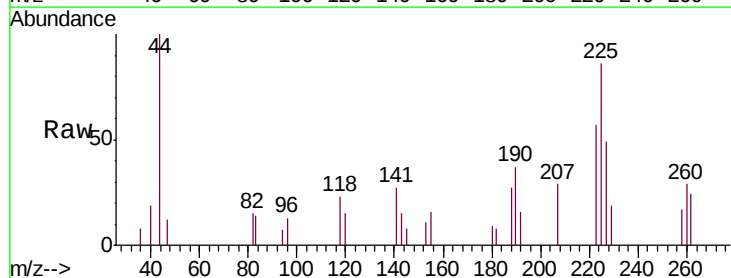
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBL01

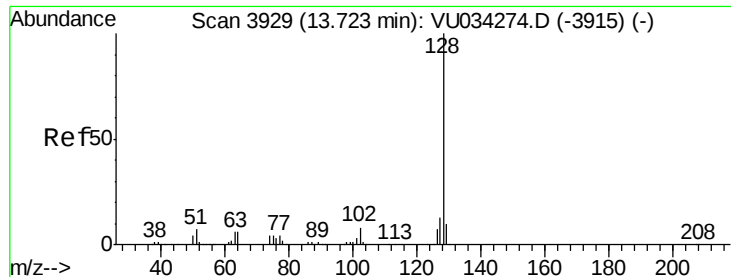
Tgt Ion:180 Resp: 3342
 Ion Ratio Lower Upper
 180 100
 182 84.7 47.9 143.8
 145 14.7 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 0.677 ug/l
 RT: 13.68 min Scan# 3916
 Delta R.T. 0.01 min
 Lab File: VU034278.D
 Acq: 05 Sep 2019 12:39

Tgt Ion:225 Resp: 2394
 Ion Ratio Lower Upper
 225 100
 223 58.3 31.6 94.7
 227 55.9 32.3 96.8

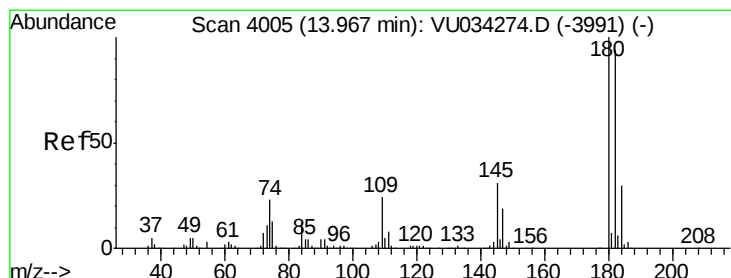
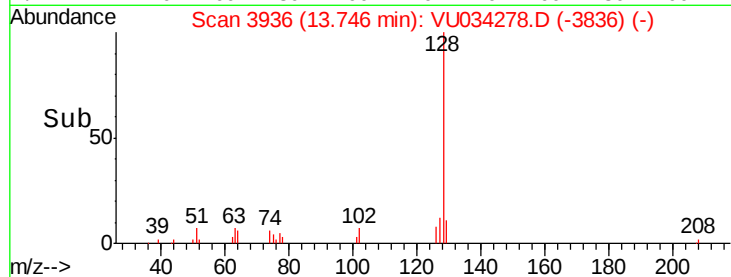
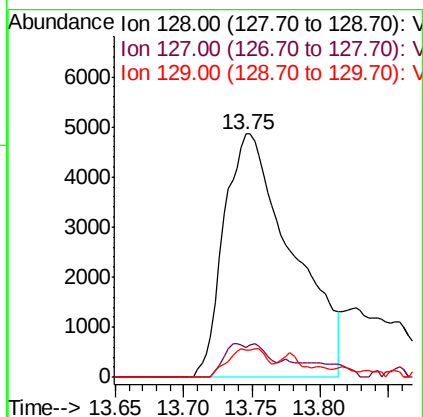
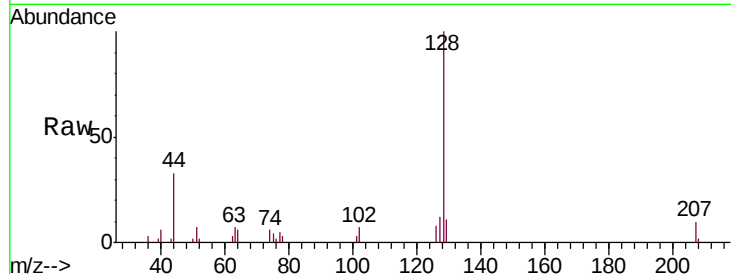




#95
Naphthalene
Concen: 4.716 ug/l
RT: 13.75 min Scan# 3936
Delta R.T. 0.02 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBL01

Tgt Ion:128 Resp: 16800
Ion Ratio Lower Upper
128 100
127 4.5 10.6 15.8#
129 6.6 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 3.156 ug/l
RT: 13.99 min Scan# 4011
Delta R.T. 0.02 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

Tgt Ion:180 Resp: 3863
Ion Ratio Lower Upper
180 100
182 115.2 48.4 145.0
145 32.1 15.4 46.4

