

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090219\
 Data File : VU034137.D
 Acq On : 31 Aug 2019 21:54
 Operator : JC/SP
 Sample : PB122699TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122699TB

Quant Time: Sep 01 04:51:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	463511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	741151	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	720790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	351752	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	286066	48.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.34%	
35) Dibromofluoromethane	4.86	113	240384	46.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.52%	
50) Toluene-d8	7.55	98	952252	49.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	10.29	95	334659	44.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1126	Below Cal		94
5) Bromomethane	1.63	94	1426	Below Cal	#	79
11) Tert butyl alcohol	2.82	59	4624	3.376	ug/l #	73
13) Acrolein	2.19	56	338	0.587	ug/l	92
16) Acetone	2.31	43	12588	4.154	ug/l	97
17) Carbon Disulfide	2.47	76	3600	0.245	ug/l	100
18) Methyl Acetate	2.61	43	3873	0.495	ug/l	98
20) Methylene Chloride	2.69	84	6411	1.117	ug/l	97
31) Cyclohexane	4.96	56	8780	0.990	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	33573	4.789	ug/l #	46
38) Carbon Tetrachloride	4.96	117	42913	6.342	ug/l #	15
43) Isopropyl Acetate	5.53	43	106738	8.937	ug/l	99
48) Methyl methacrylate	6.53	41	5677	0.985	ug/l #	14
49) 1,4-Dioxane	6.60	88	179	1.240	ug/l #	22
51) 4-Methyl-2-Pentanone	7.40	43	87017	10.550	ug/l #	47
54) cis-1,3-Dichloropropene	7.40	75	46860	5.253	ug/l #	64
56) Ethyl methacrylate	8.02	69	1242	1.104	ug/l #	27
59) 2-Hexanone	8.29	43	104672	16.811	ug/l #	23
68) m/p-Xylenes	9.36	106	2208	0.231	ug/l	98
74) N-amyl acetate	10.01	43	2024	0.204	ug/l #	79
76) 1,2,3-Trichloropropane	10.29	75	162295	20.471	ug/l #	37
80) 1,3,5-Trimethylbenzene	10.76	105	15441	0.771	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.29	75	162295	68.932	ug/l #	100
82) 4-Chlorotoluene	10.76	91	5211	0.275	ug/l	87
86) p-Isopropyltoluene	11.46	119	4597	0.215	ug/l #	81
87) 1,3-Dichlorobenzene	11.40	146	3148	0.280	ug/l	97
88) 1,4-Dichlorobenzene	11.40	146	3148	0.277	ug/l	96
89) n-Butylbenzene	11.87	91	5428	0.288	ug/l	87
91) 1,2-Dichlorobenzene	11.87	146	2745	0.255	ug/l	96
93) 1,2,4-Trichlorobenzene	13.50	180	3014	1.498	ug/l	94
94) Hexachlorobutadiene	13.68	225	2053	0.487	ug/l	93
95) Naphthalene	13.74	128	11085	2.277	ug/l	97
96) 1,2,3-Trichlorobenzene	13.98	180	4402	0.638	ug/l	97

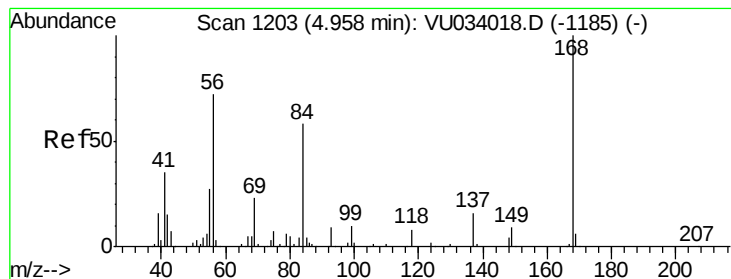
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090219\
Data File : VU034137.D
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Operator : JC/SP
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Quant Time: Sep 01 04:51:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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: VU034137.D

Acq: 31 Aug 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

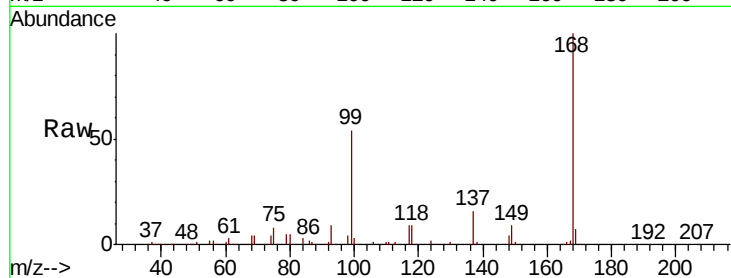
PB122699TB

Tgt Ion:168 Resp: 463511

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



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

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

4.96

200000

150000

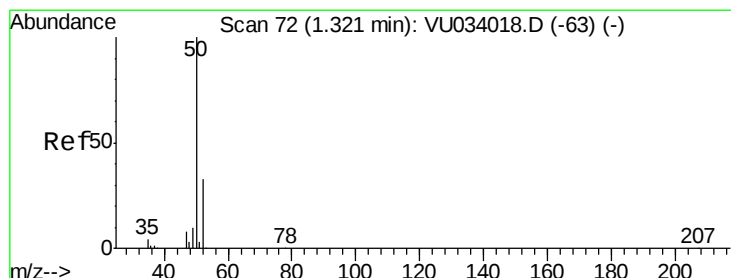
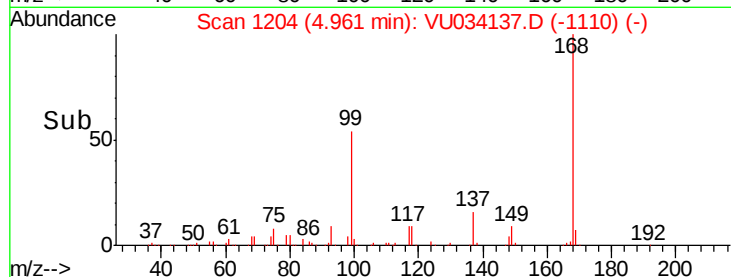
100000

50000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU034137.D

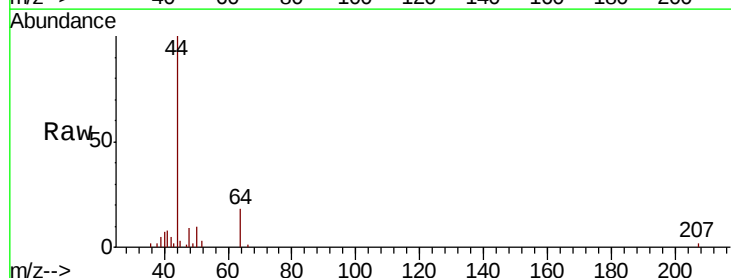
Acq: 31 Aug 2019 21:54

Tgt Ion: 50 Resp: 1126

Ion Ratio Lower Upper

50 100

52 29.7 26.2 39.4



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

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

1.33

1000

800

600

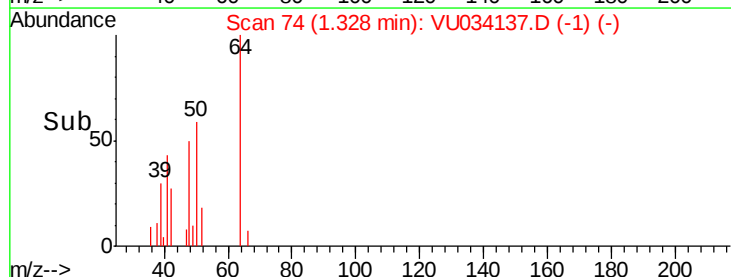
400

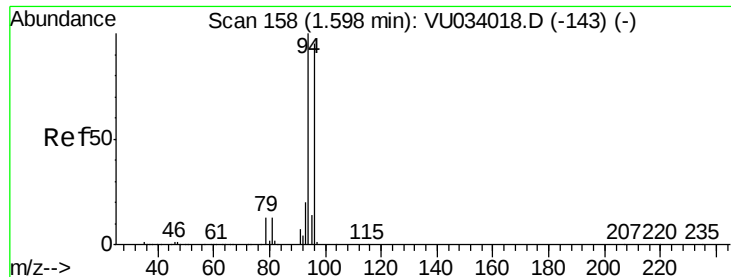
200

0

1.30 1.35

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 169

Delta R.T. 0.04 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

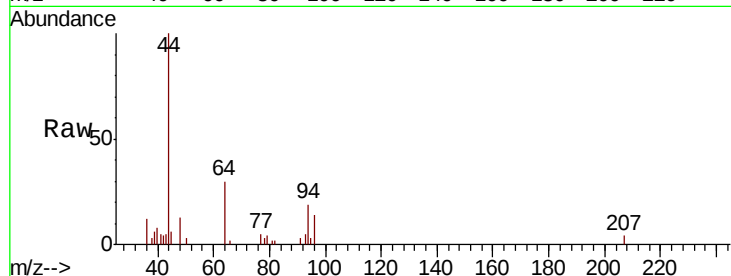
PB122699TB

Tgt Ion: 94 Resp: 1426

Ion Ratio Lower Upper

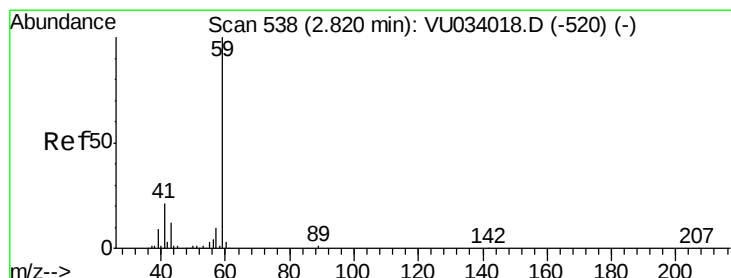
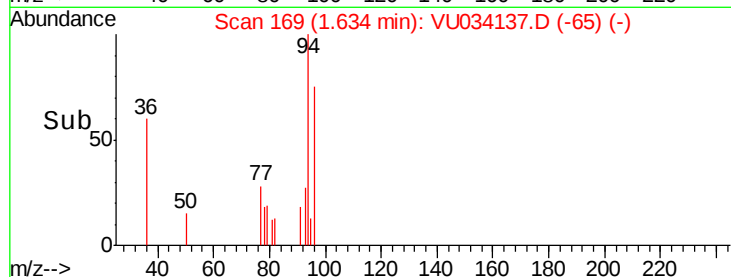
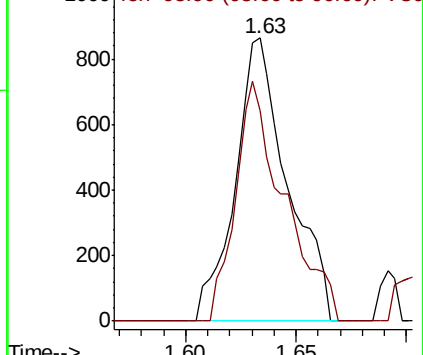
94 100

96 74.5 76.3 114.5#



Abundance Ion 93.90 (93.60 to 94.60): VU034137.D (-165) (-)

Ion 95.90 (95.60 to 96.60): VU034137.D (-165) (-)



#11

Tert butyl alcohol

Concen: 3.376 ug/l

RT: 2.82 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU034137.D

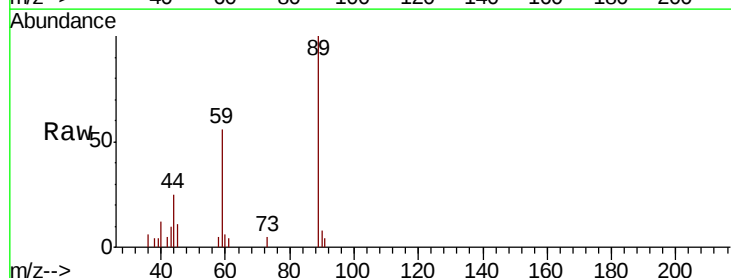
Acq: 31 Aug 2019 21:54

Tgt Ion: 59 Resp: 4624

Ion Ratio Lower Upper

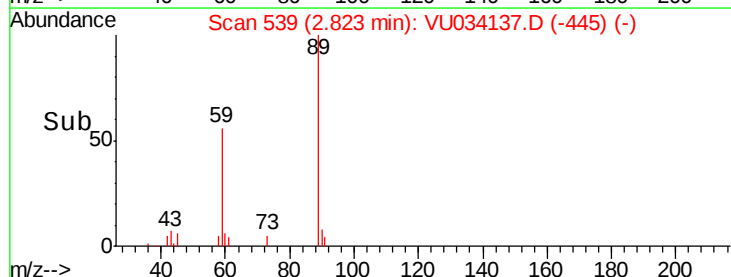
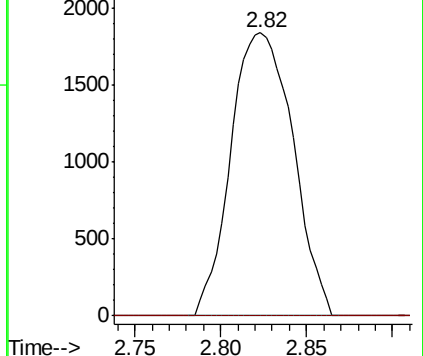
59 100

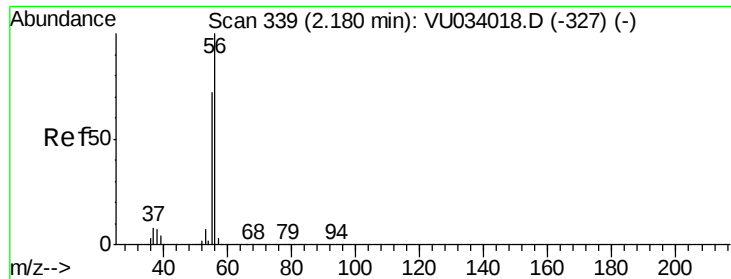
57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU034137.D (-445) (-)

Ion 57.00 (56.70 to 57.70): VU034137.D (-445) (-)

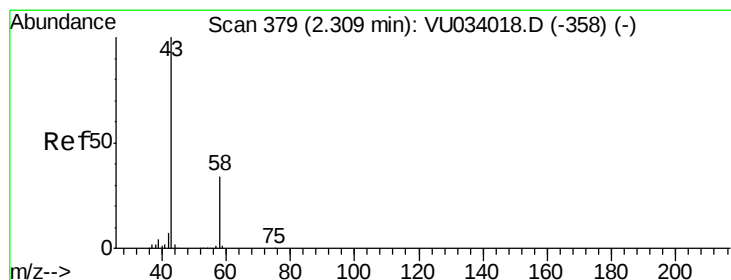
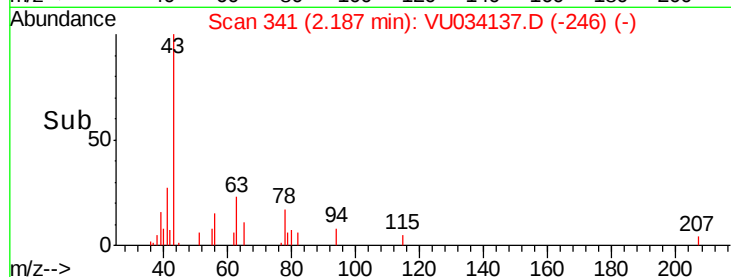
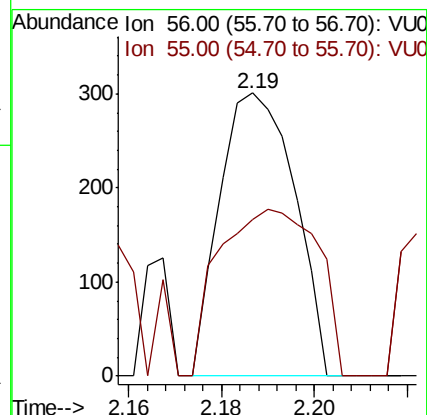
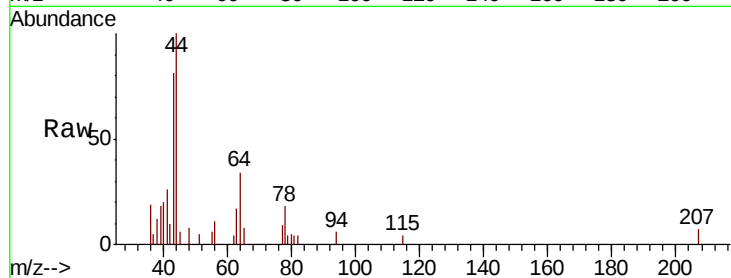




#13
Acrolein
Concen: 0.587 ug/l
RT: 2.19 min Scan# 341
Delta R.T. 0.01 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

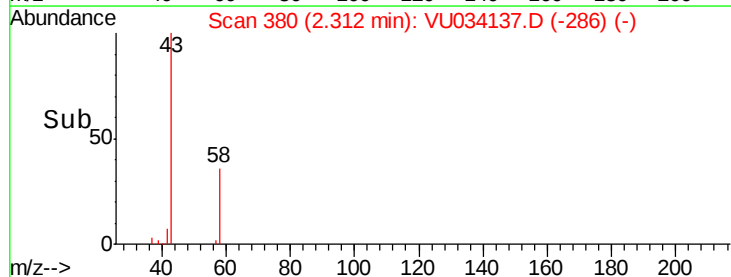
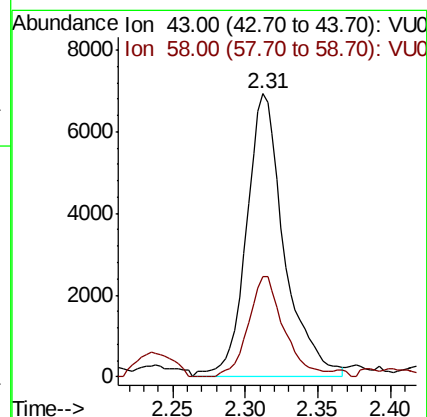
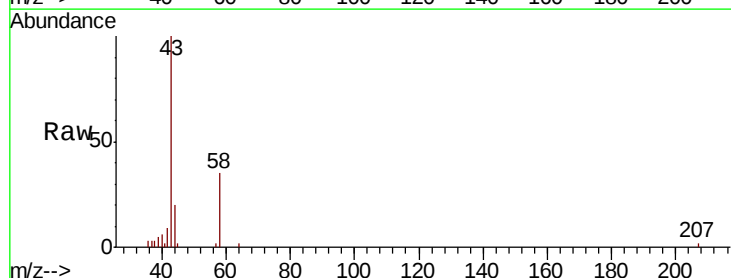
Instrument :
MSVOA_U
ClientSampleId :
PB122699TB

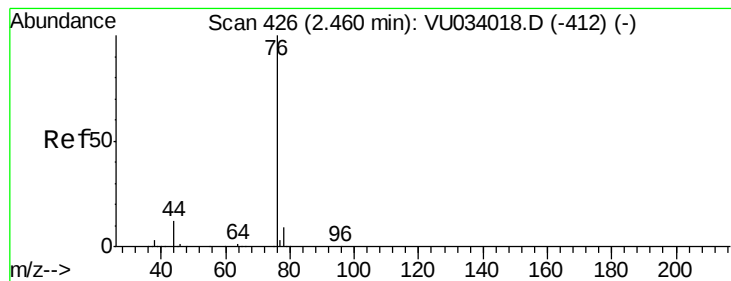
Tgt Ion: 56 Resp: 338
Ion Ratio Lower Upper
56 100
55 77.8 57.1 85.7



#16
Acetone
Concen: 4.154 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

Tgt Ion: 43 Resp: 12588
Ion Ratio Lower Upper
43 100
58 35.2 26.8 40.2





#17

Carbon Disulfide

Concen: 0.245 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

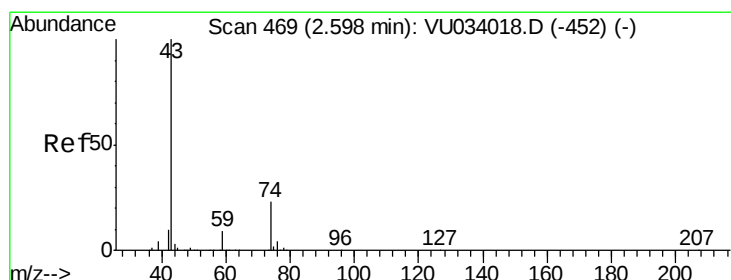
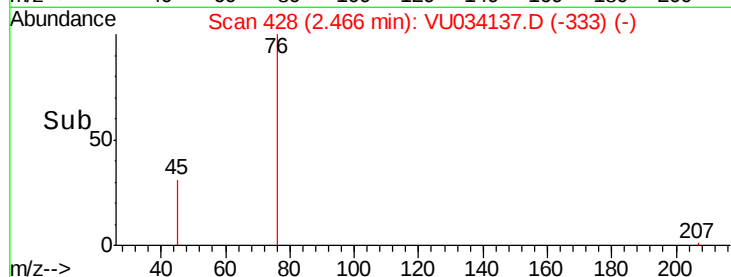
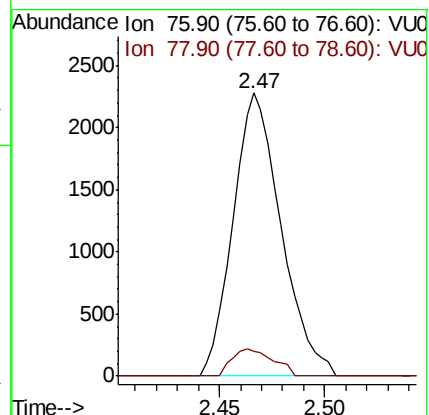
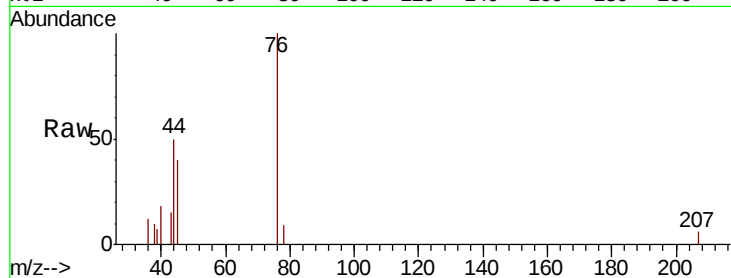
PB122699TB

Tgt Ion: 76 Resp: 3600

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 0.495 ug/l

RT: 2.61 min Scan# 473

Delta R.T. 0.01 min

Lab File: VU034137.D

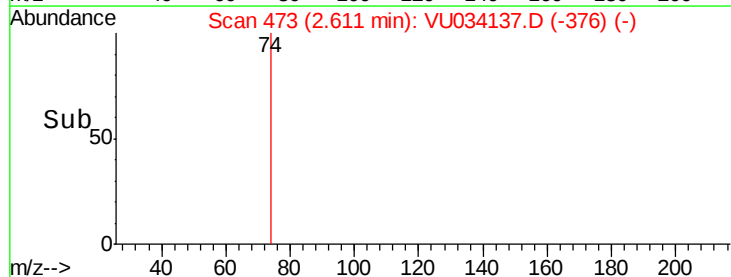
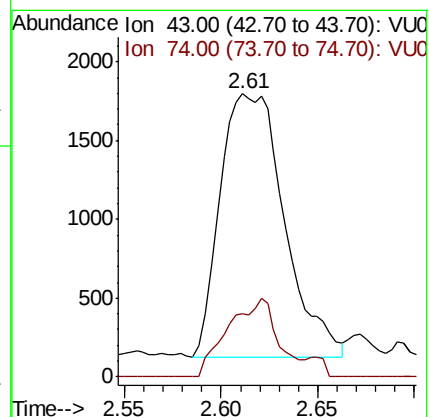
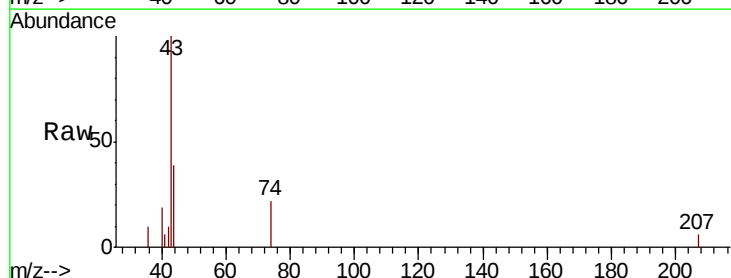
Acq: 31 Aug 2019 21:54

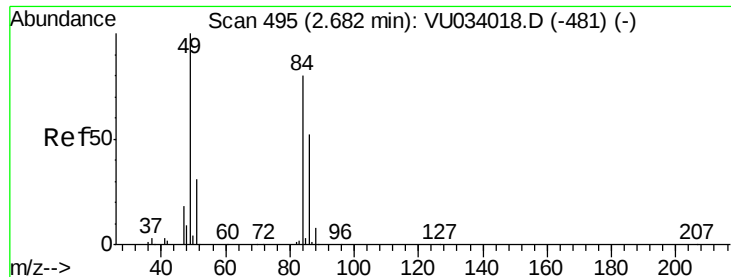
Tgt Ion: 43 Resp: 3873

Ion Ratio Lower Upper

43 100

74 22.9 19.2 28.8

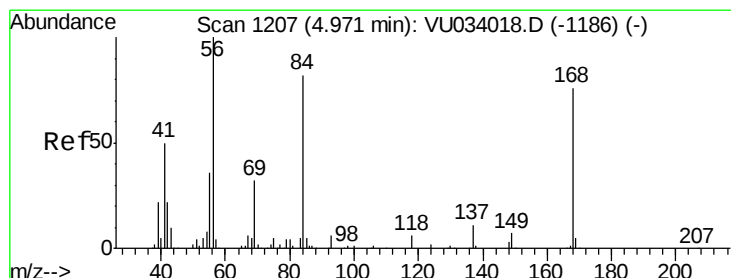
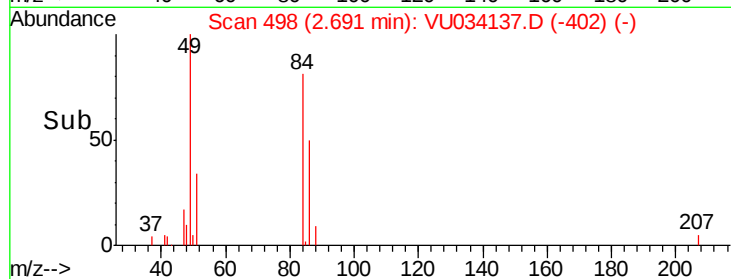
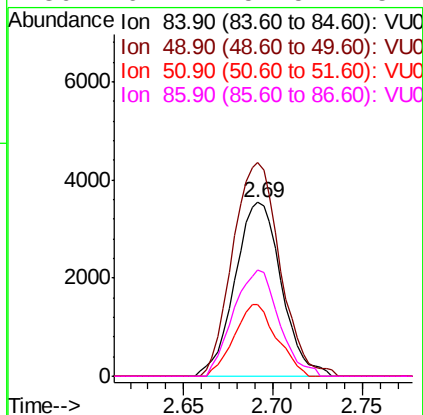
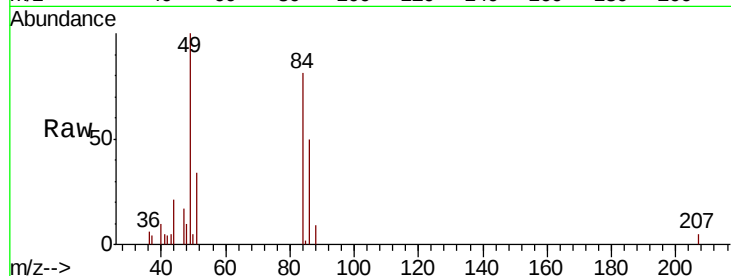




#20
Methylene Chloride
Concen: 1.117 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.01 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

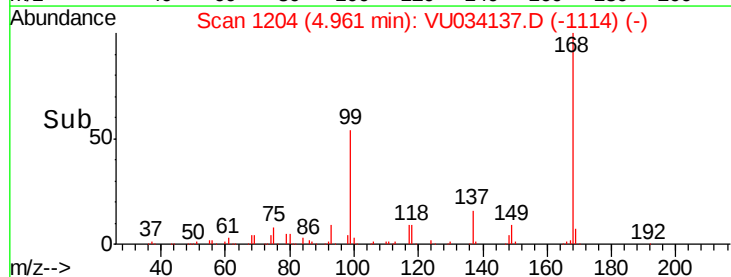
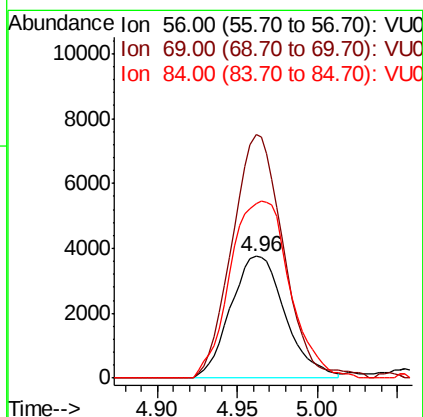
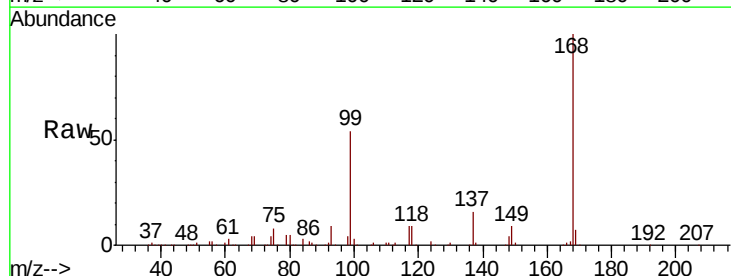
Instrument :
MSVOA_U
ClientSampleId :
PB122699TB

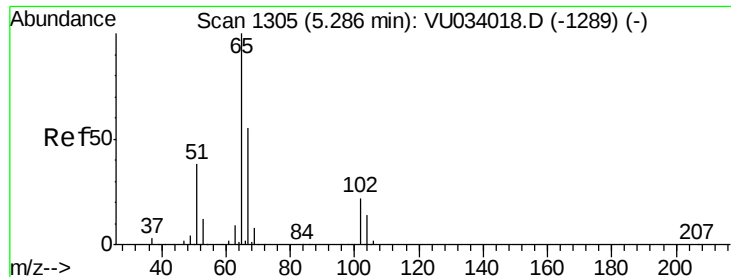
Tgt Ion:	84	Resp:	6411
Ion	Ratio	Lower	Upper
84	100		
49	123.0	100.2	150.4
51	41.6	30.8	46.2
86	61.4	52.5	78.7



#31
Cyclohexane
Concen: 0.990 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

Tgt Ion:	56	Resp:	8780
Ion	Ratio	Lower	Upper
56	100		
69	200.4	25.4	38.0#
84	144.0	65.8	98.8#





#33

1,2-Dichloroethane-d4

Concen: 48.166 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

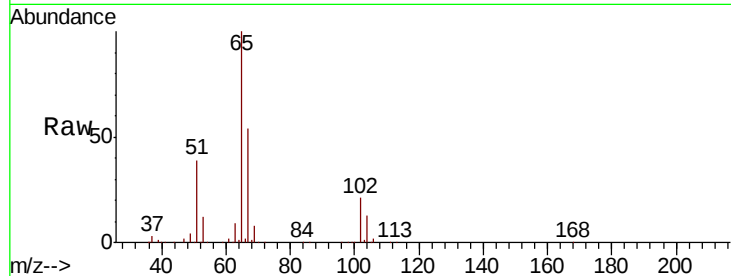
PB122699TB

Tgt Ion: 65 Resp: 286066

Ion Ratio Lower Upper

65 100

67 54.1 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034137.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034137.D (-1212) (-)

5.29

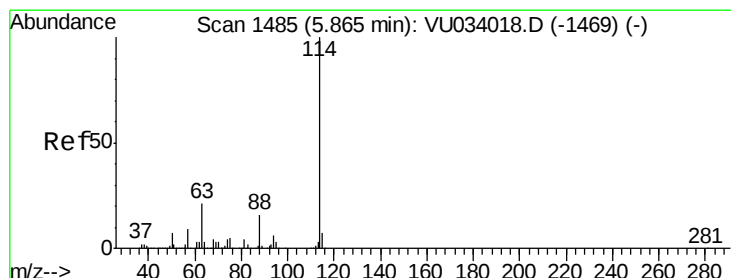
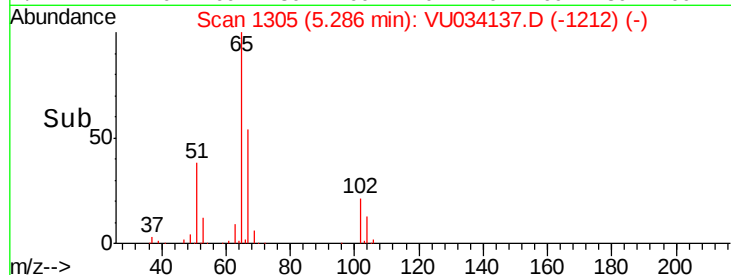
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

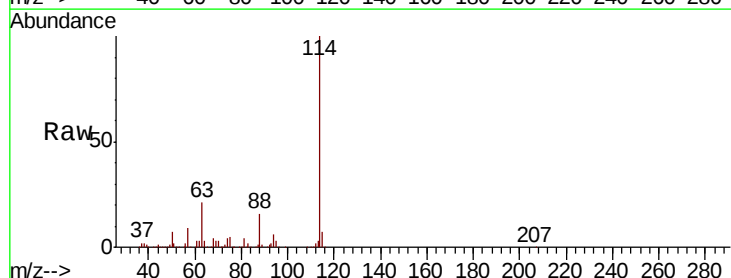
Tgt Ion: 114 Resp: 741151

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.0

88 15.7 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU034137.D (-1392) (-)

Ion 63.00 (62.70 to 63.70): VU034137.D (-1392) (-)

Ion 87.90 (87.60 to 88.60): VU034137.D (-1392) (-)

500000

400000

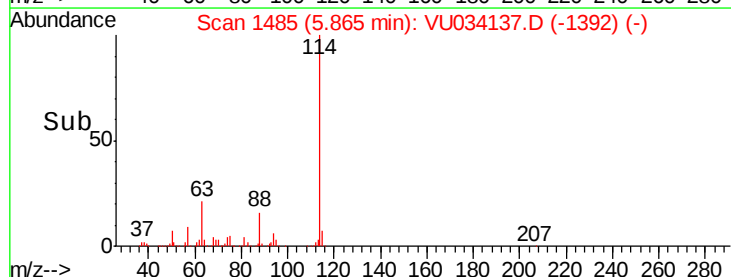
300000

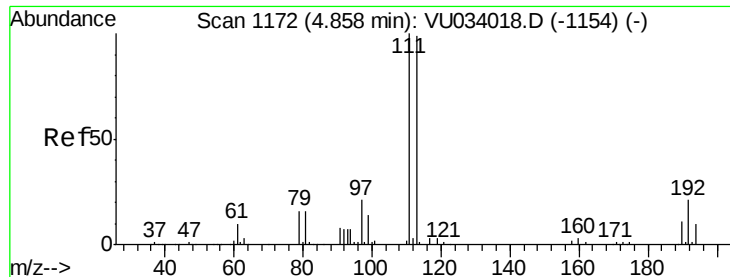
200000

100000

0

Time-->

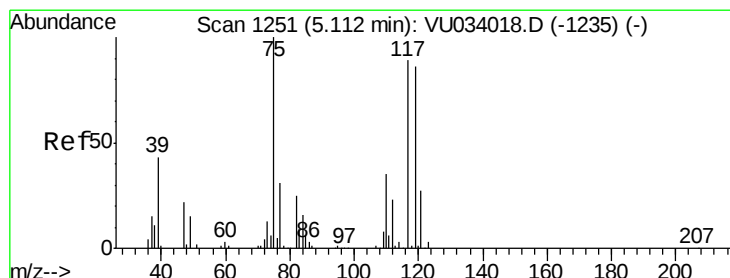
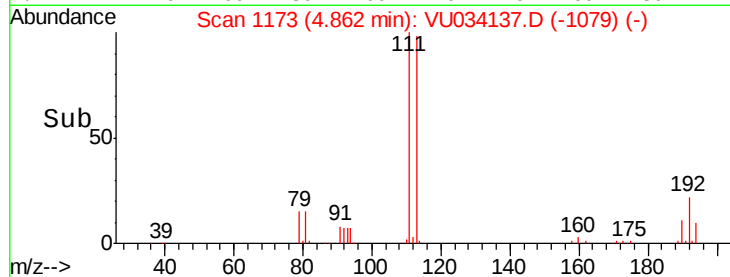
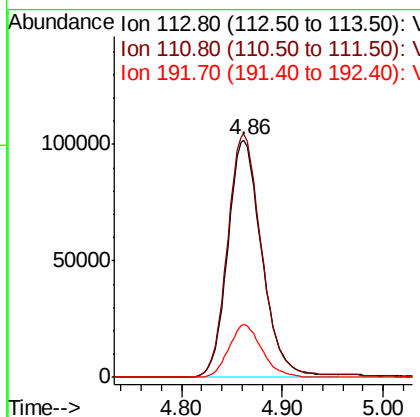
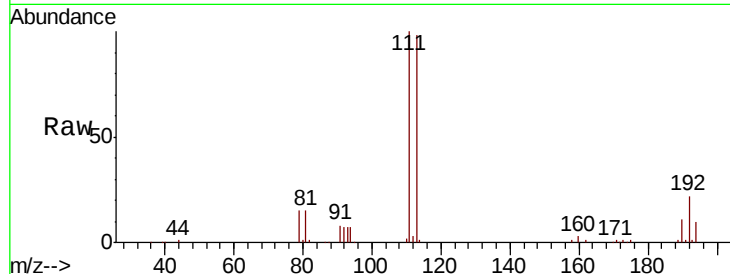




#35
 Dibromofluoromethane
 Concen: 46.762 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034137.D
 Acq: 31 Aug 2019 21:54

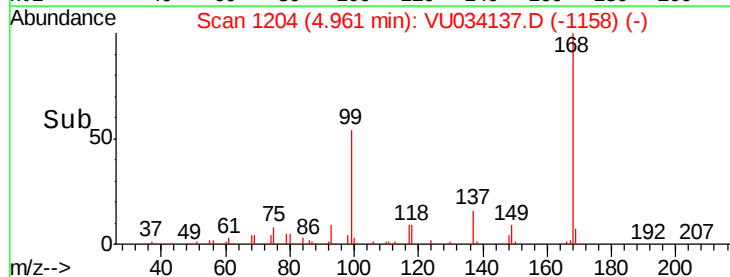
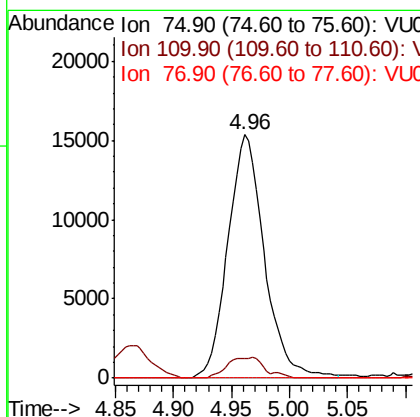
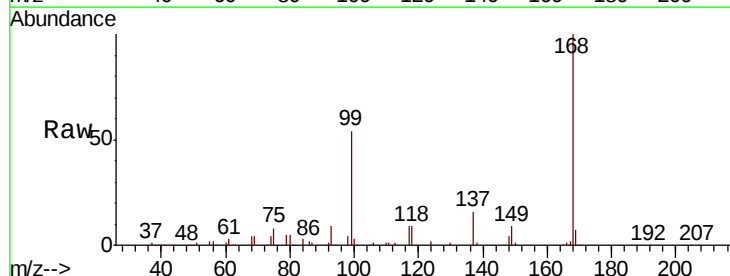
Instrument :
 MSVOA_U
 ClientSampleId :
 PB122699TB

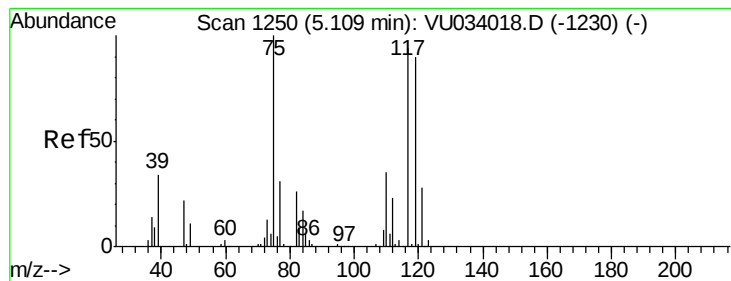
Tgt Ion:113 Resp: 240384
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.7 122.5
 192 21.7 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.789 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034137.D
 Acq: 31 Aug 2019 21:54

Tgt Ion: 75 Resp: 33573
 Ion Ratio Lower Upper
 75 100
 110 5.3 17.8 53.5#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.342 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.15 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

PB122699TB

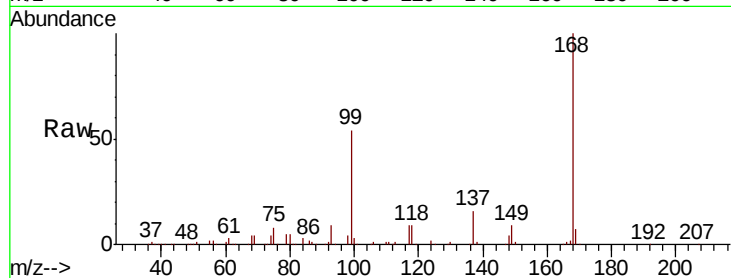
Tgt Ion: 117 Resp: 42913

Ion Ratio Lower Upper

117 100

119 4.6 77.0 115.4#

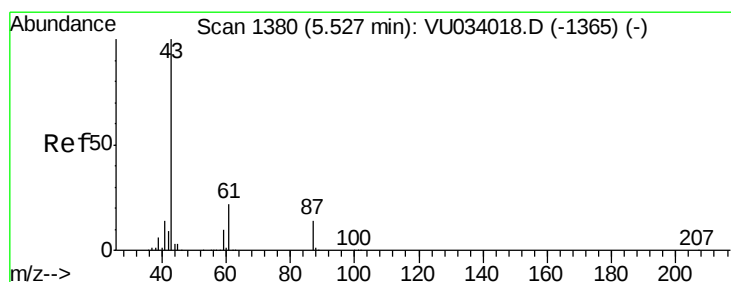
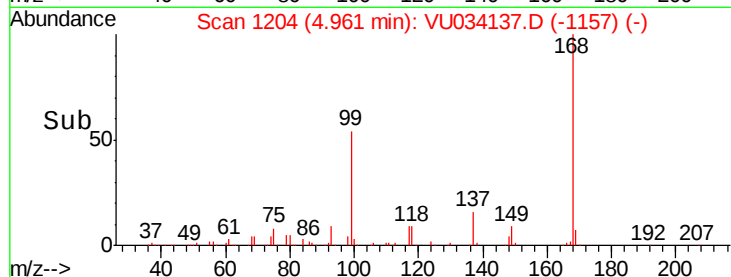
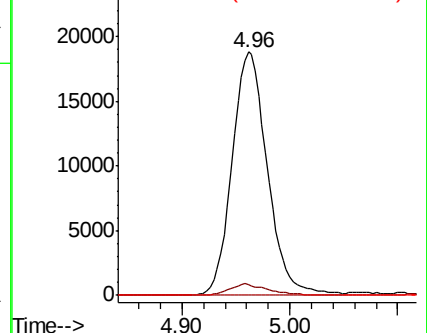
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 8.937 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

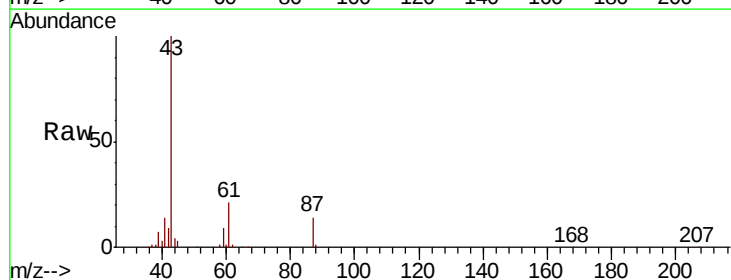
Tgt Ion: 43 Resp: 106738

Ion Ratio Lower Upper

43 100

61 21.2 17.2 25.8

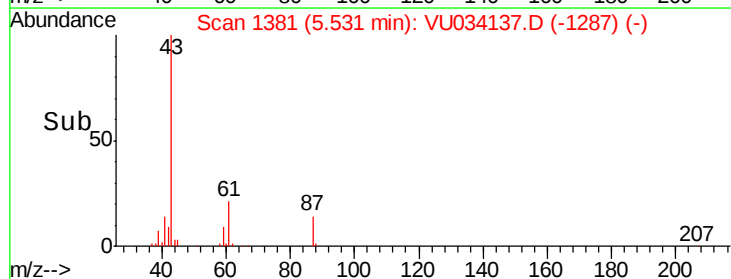
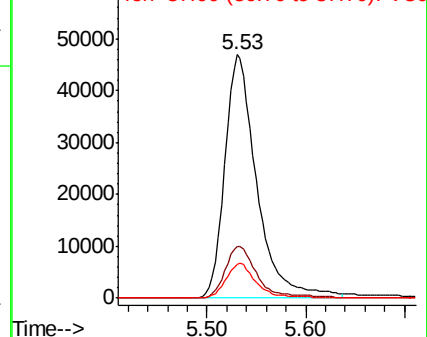
87 13.2 10.8 16.2

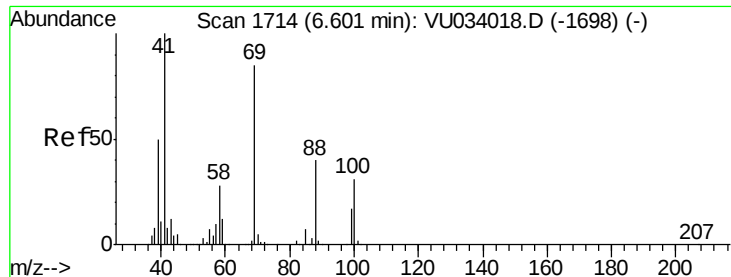


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

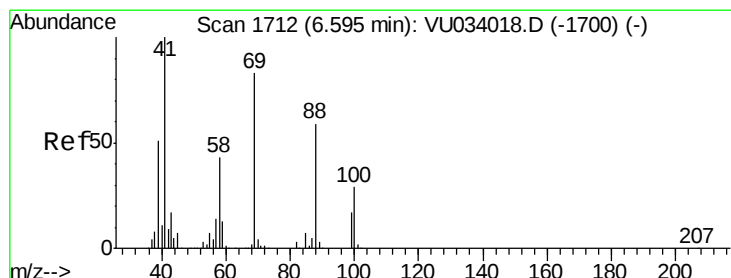
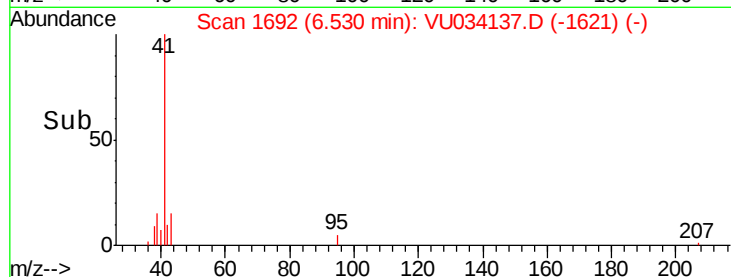
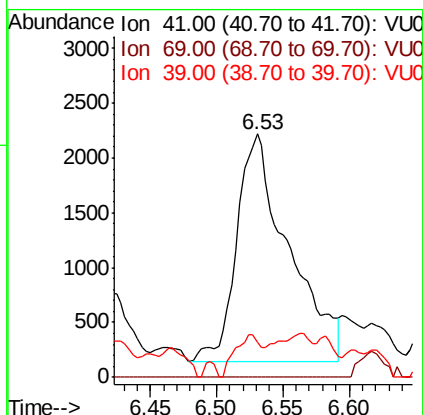
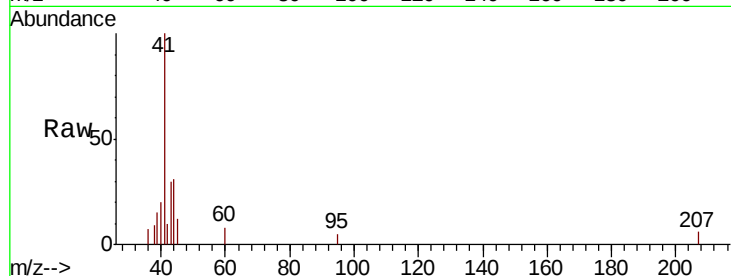




#48
Methyl methacrylate
Concen: 0.985 ug/l
RT: 6.53 min Scan# 1692
Delta R.T. -0.07 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

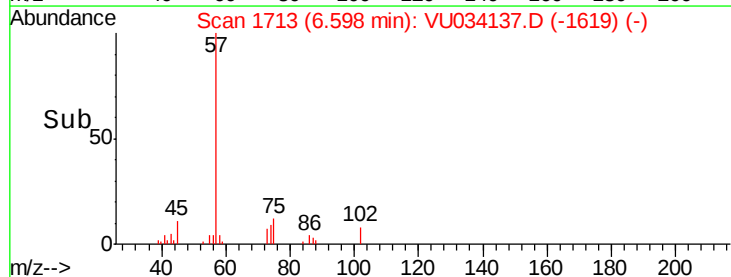
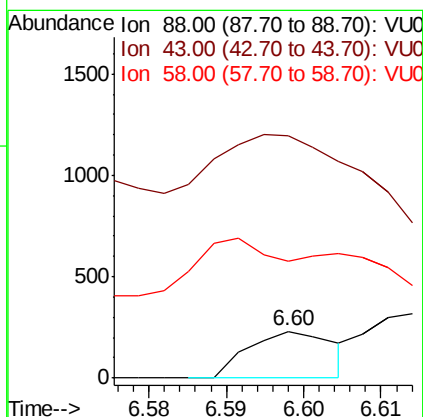
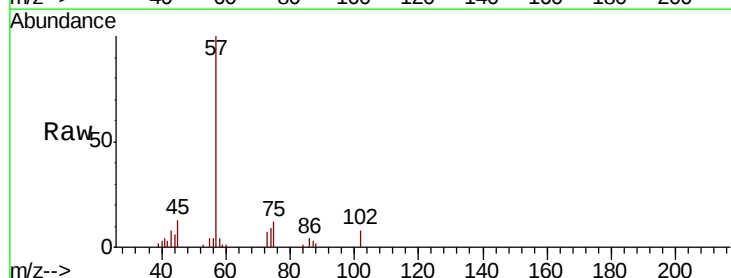
Instrument :
MSVOA_U
ClientSampleId :
PB122699TB

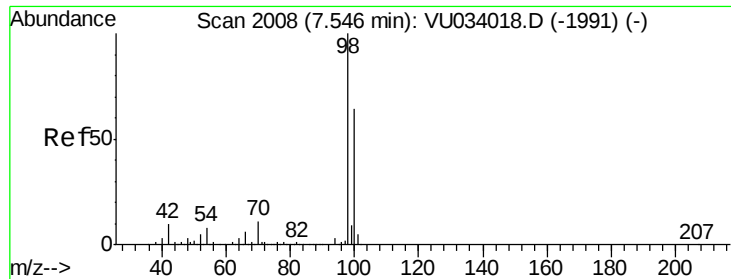
Tgt Ion: 41 Resp: 5677
Ion Ratio Lower Upper
41 100
69 0.0 69.5 104.3#
39 0.0 40.3 60.5#



#49
1,4-Dioxane
Concen: 1.240 ug/l
RT: 6.60 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

Tgt Ion: 88 Resp: 179
Ion Ratio Lower Upper
88 100
43 0.0 24.8 37.2#
58 0.0 59.3 88.9#

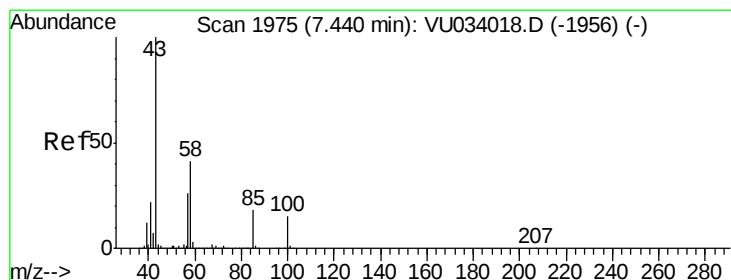
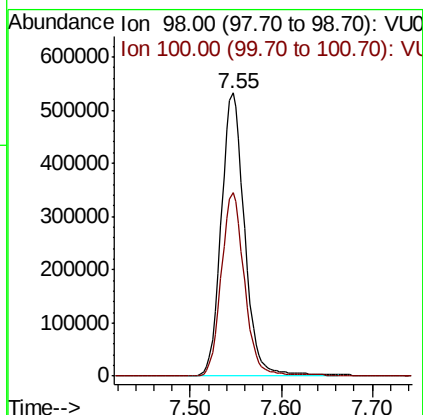
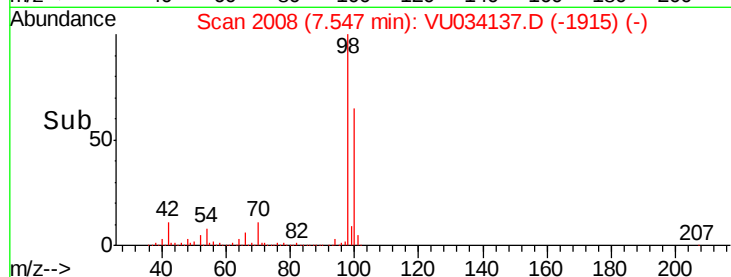
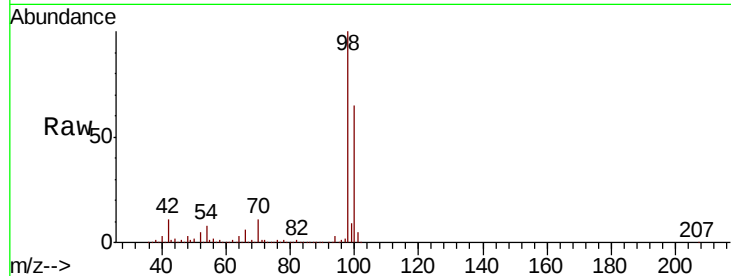




#50
Toluene-d8
Concen: 49.472 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

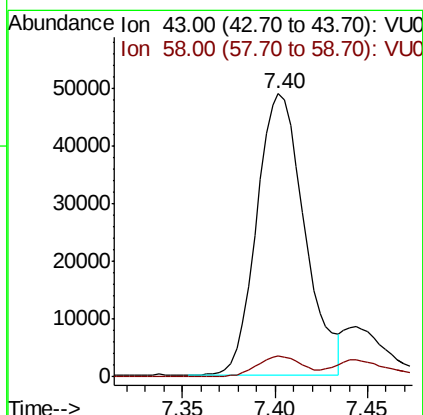
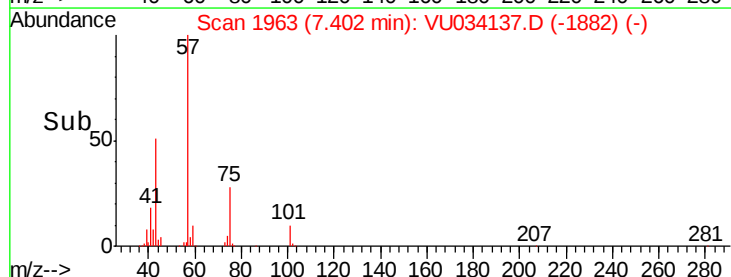
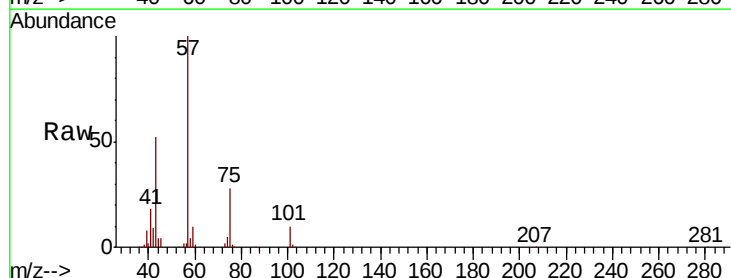
Instrument :
MSVOA_U
ClientSampleId :
PB122699TB

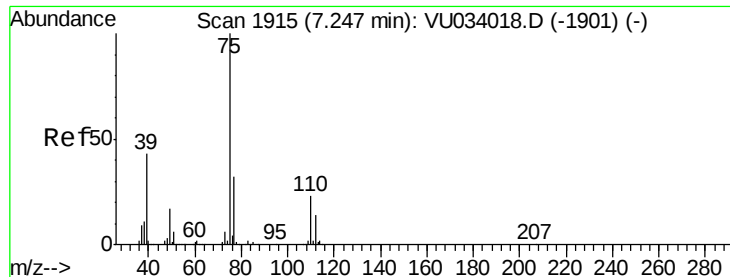
Tgt Ion: 98 Resp: 952252
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 10.550 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

Tgt Ion: 43 Resp: 87017
Ion Ratio Lower Upper
43 100
58 7.1 32.2 48.4#



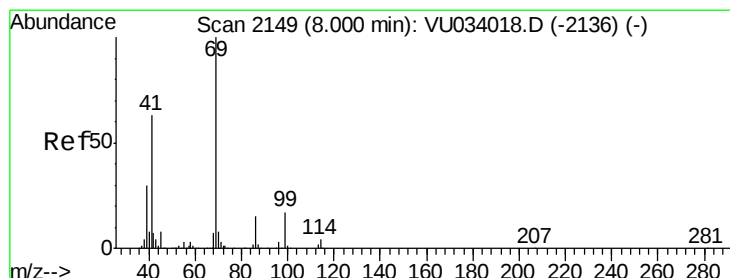
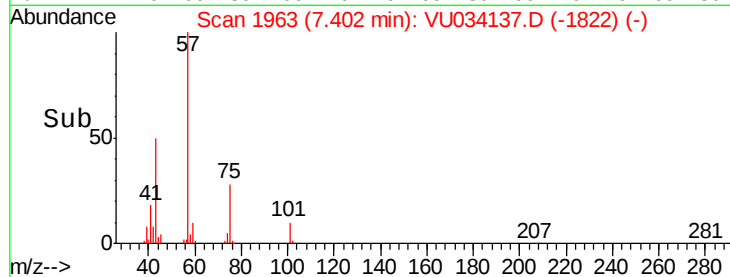
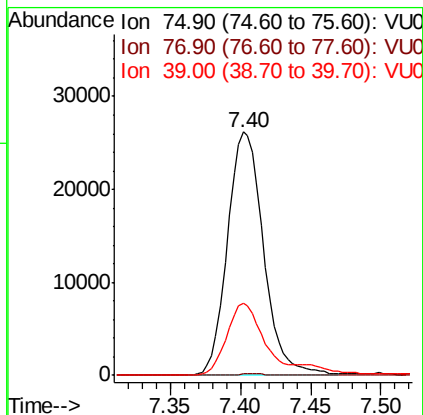
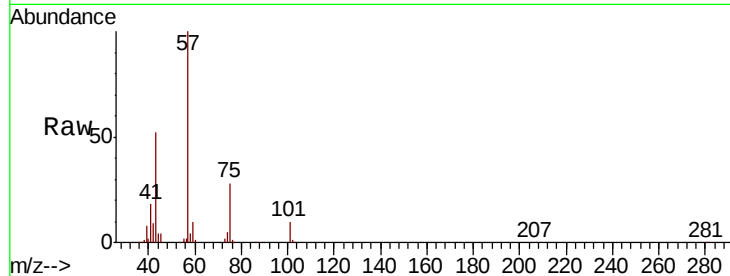


#54

cis-1,3-Dichloropropene
 Concen: 5.253 ug/l
 RT: 7.40 min Scan# 1963
 Delta R.T. 0.15 min
 Lab File: VU034137.D
 Acq: 31 Aug 2019 21:54

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122699TB

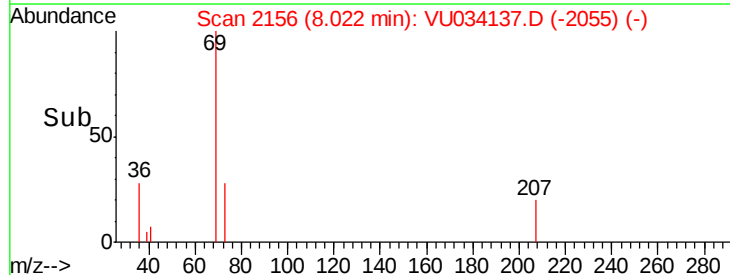
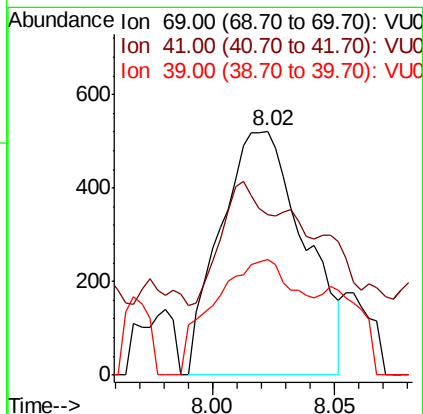
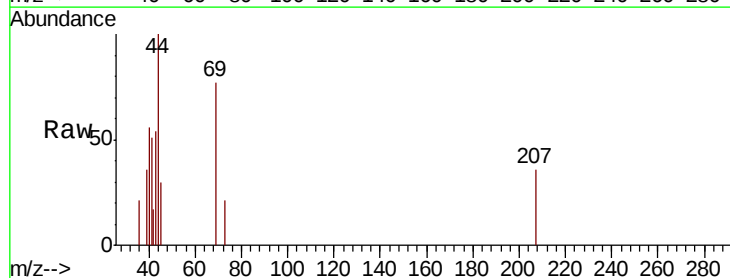
Tgt Ion: 75 Resp: 46860
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.2 37.8#
 39 29.7 34.6 51.8#

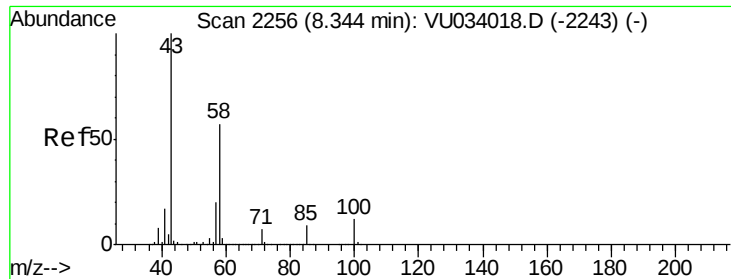


#56

Ethyl methacrylate
 Concen: 1.104 ug/l
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.02 min
 Lab File: VU034137.D
 Acq: 31 Aug 2019 21:54

Tgt Ion: 69 Resp: 1242
 Ion Ratio Lower Upper
 69 100
 41 0.0 50.7 76.1#
 39 0.0 24.2 36.2#

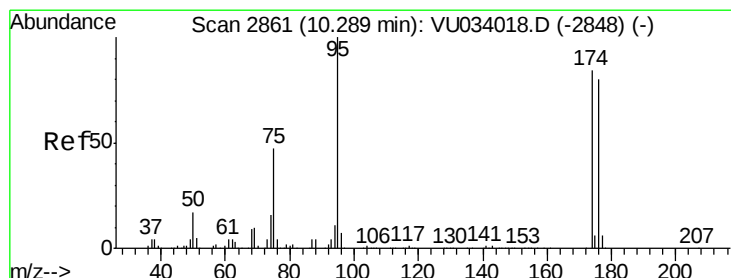
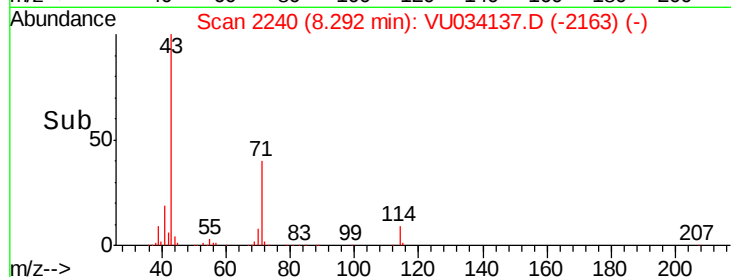
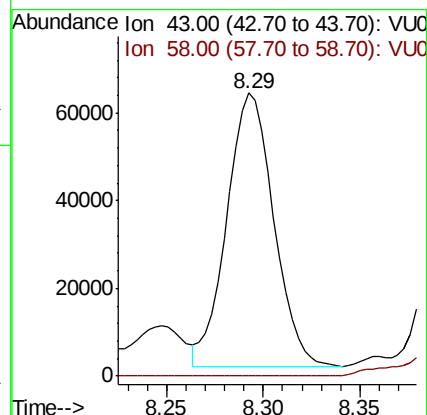
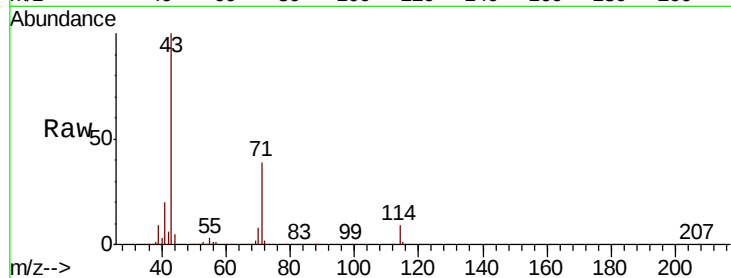




#59
2-Hexanone
Concen: 16.811 ug/l
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

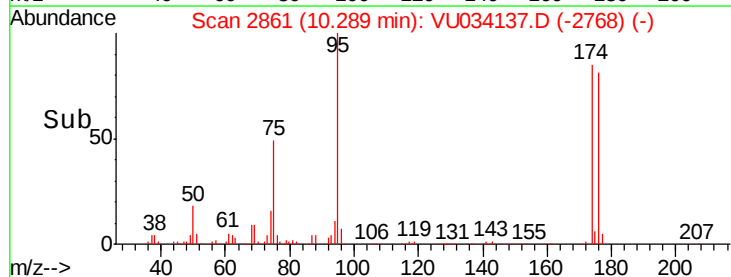
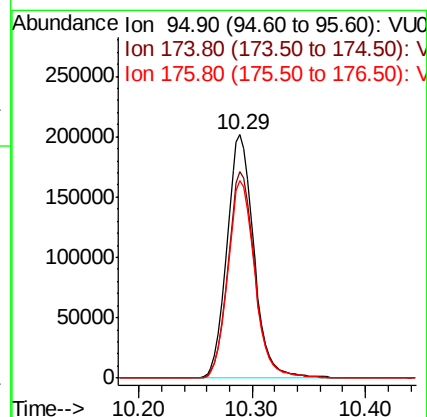
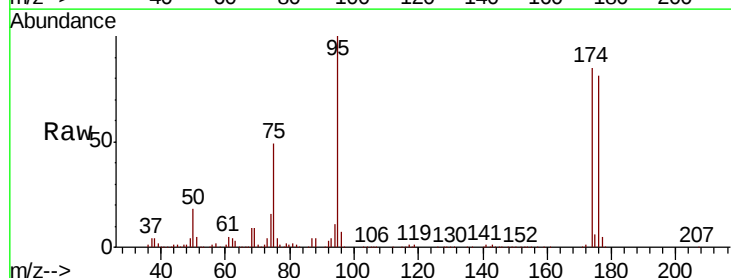
Instrument :
MSVOA_U
ClientSampleId :
PB122699TB

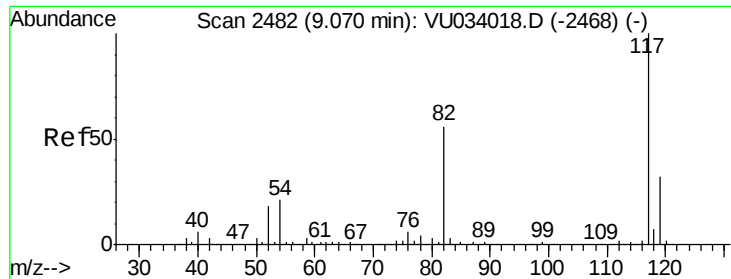
Tgt Ion: 43 Resp: 104672
Ion Ratio Lower Upper
43 100
58 0.0 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 44.697 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

Tgt Ion: 95 Resp: 334659
Ion Ratio Lower Upper
95 100
174 84.4 0.0 168.8
176 81.1 0.0 161.8

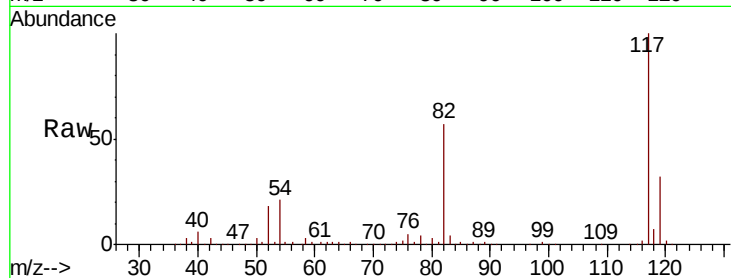




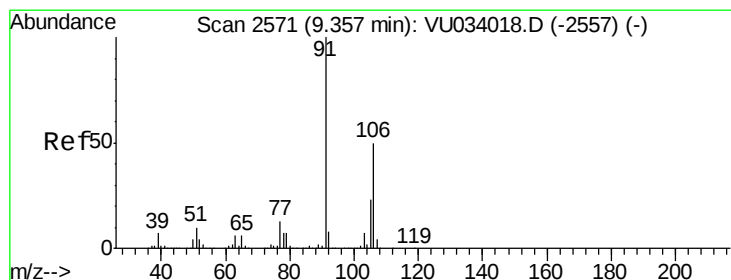
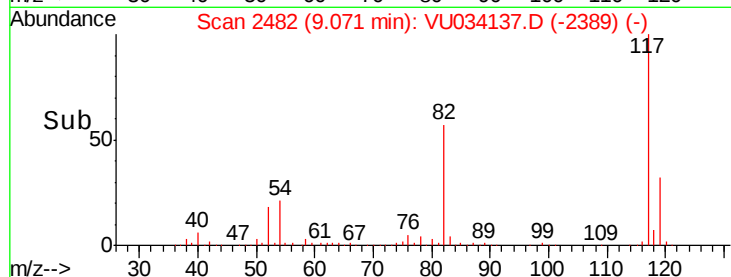
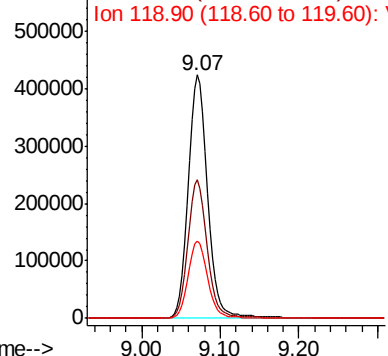
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

Instrument :
MSVOA_U
ClientSampleId :
PB122699TB

Tgt Ion:117 Resp: 720790
Ion Ratio Lower Upper
117 100
82 56.8 45.1 67.7
119 31.9 25.4 38.0

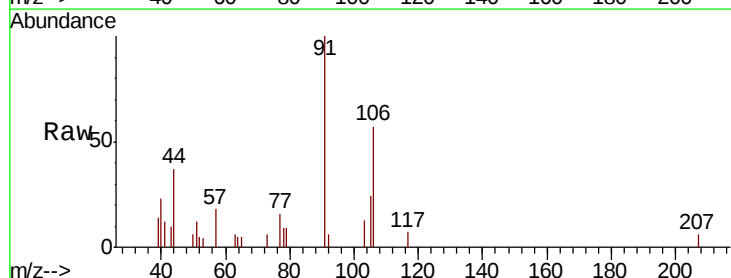


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU
Ion 118.90 (118.60 to 119.60): V

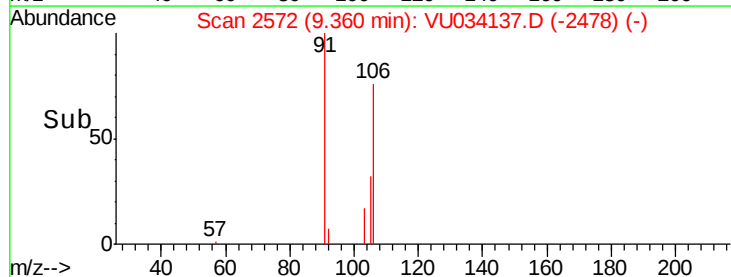
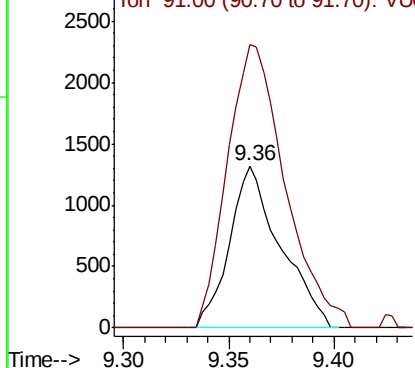


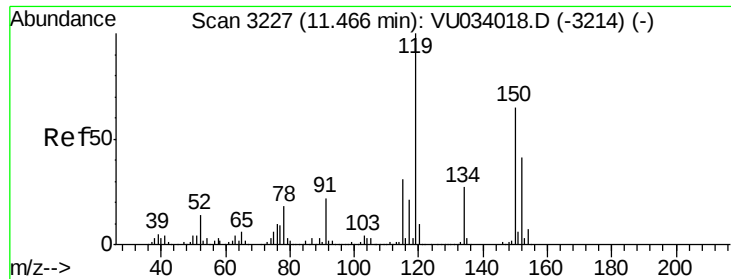
#68
m/p-Xylenes
Concen: 0.231 ug/l
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

Tgt Ion:106 Resp: 2208
Ion Ratio Lower Upper
106 100
91 199.2 161.6 242.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

PB122699TB

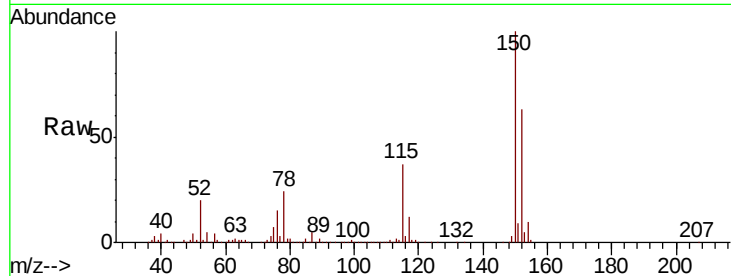
Tgt Ion:152 Resp: 351752

Ion Ratio Lower Upper

152 100

115 57.7 41.1 123.3

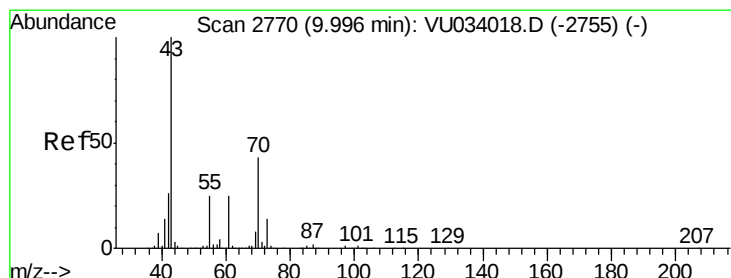
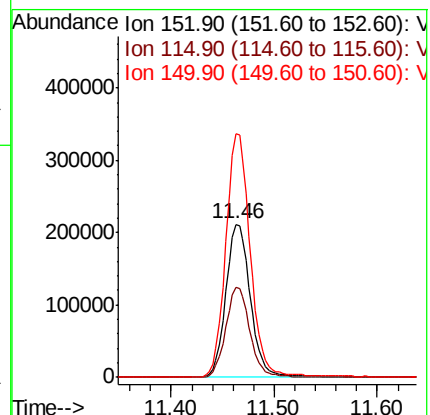
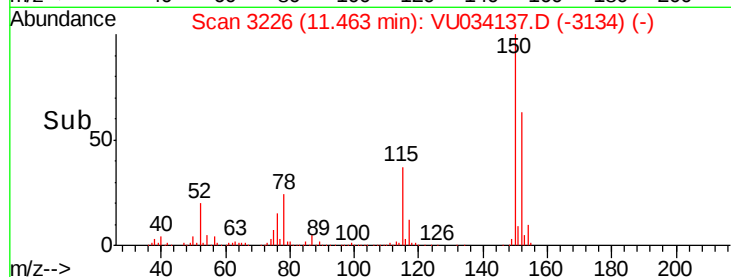
150 158.4 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.204 ug/l

RT: 10.01 min Scan# 2773

Delta R.T. 0.01 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

Tgt Ion: 43 Resp: 2024

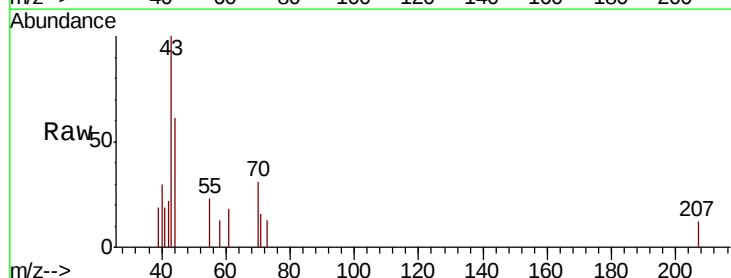
Ion Ratio Lower Upper

43 100

70 27.5 35.2 52.8#

55 32.1 20.5 30.7#

61 13.7 20.0 30.0#

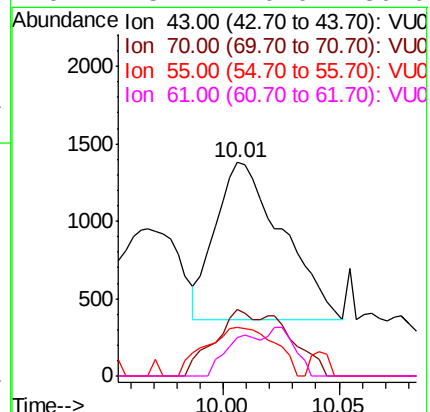
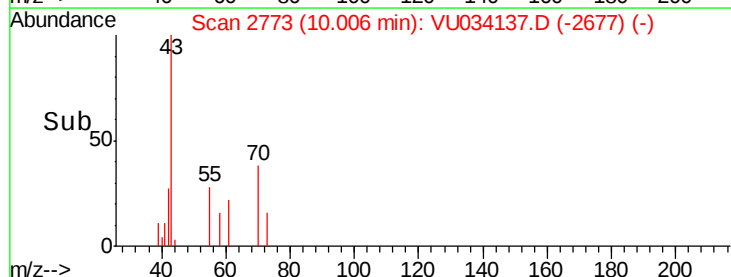


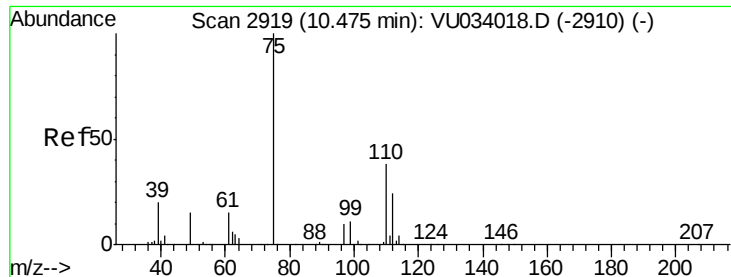
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#76

1,2,3-Trichloropropane

Concen: 20.471 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

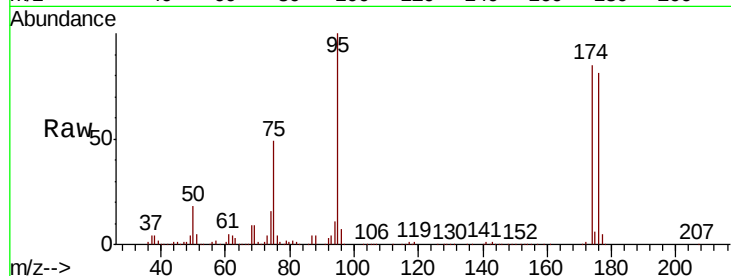
PB122699TB

Tgt Ion: 75 Resp: 162295

Ion Ratio Lower Upper

75 100

77 1.1 20.1 60.2#



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

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

10.29

100000

80000

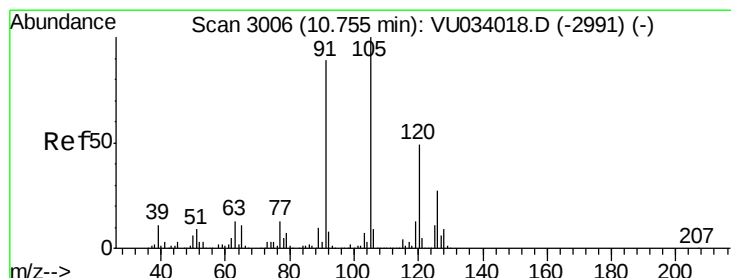
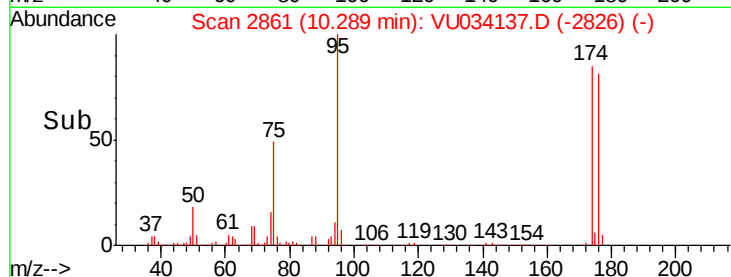
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.771 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU034137.D

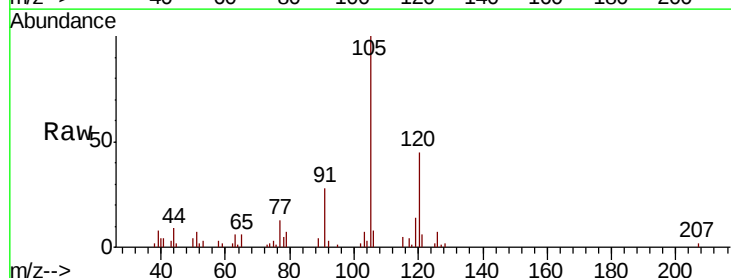
Acq: 31 Aug 2019 21:54

Tgt Ion: 105 Resp: 15441

Ion Ratio Lower Upper

105 100

120 47.1 24.6 73.6



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

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

10.76

10000

8000

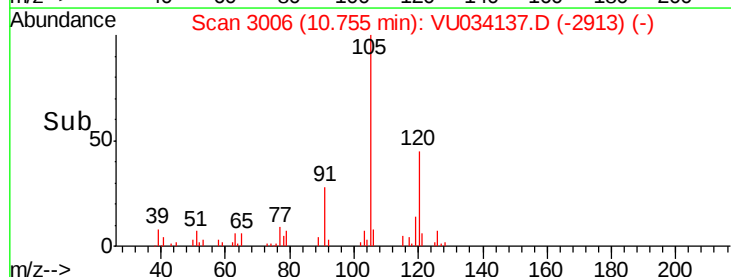
6000

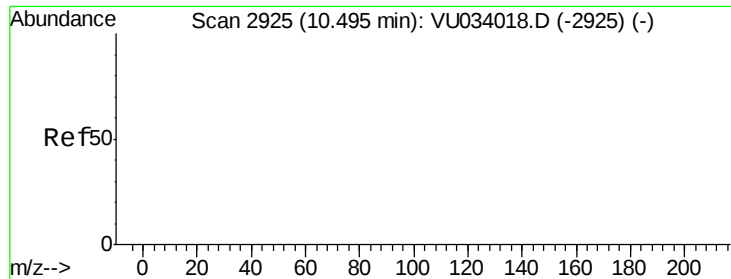
4000

2000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 68.932 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.21 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

PB122699TB

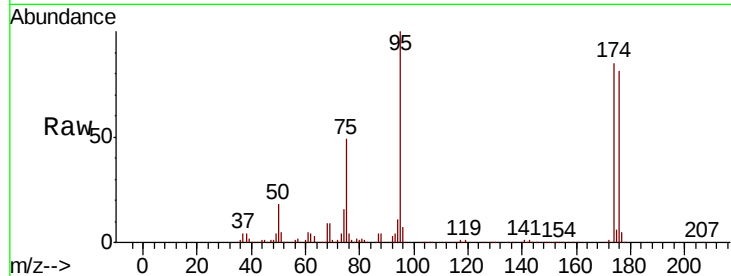
Tgt Ion: 75 Resp: 162295

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

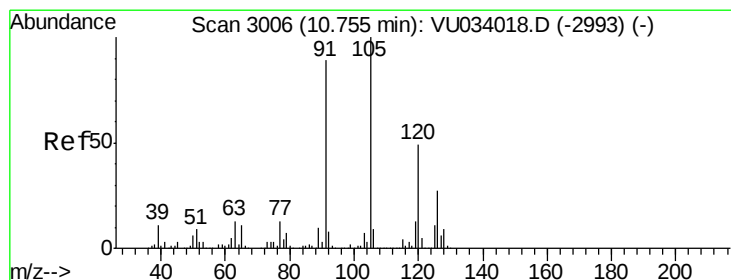
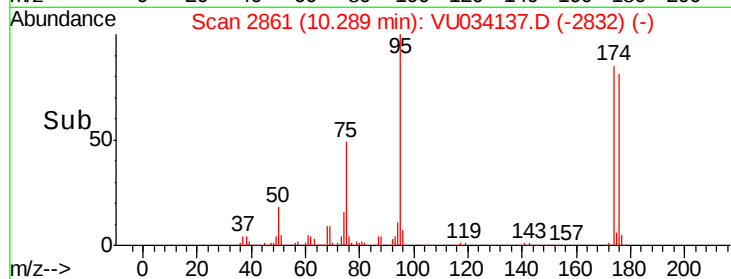
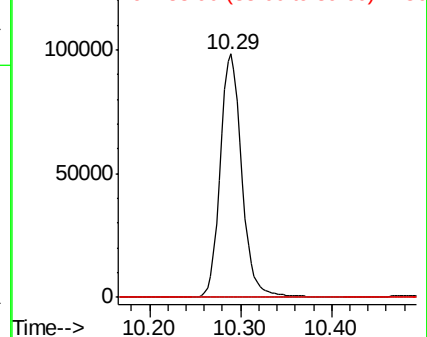
89 0.0 0.0 0.0



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: 0.275 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU034137.D

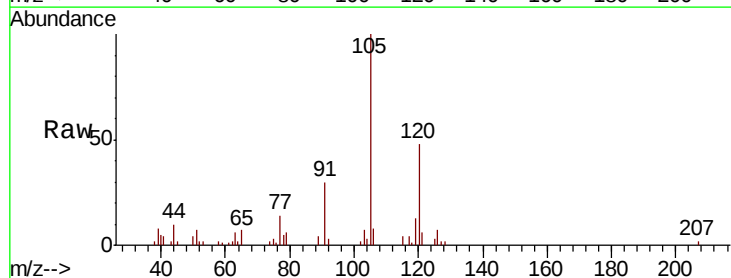
Acq: 31 Aug 2019 21:54

Tgt Ion: 91 Resp: 5211

Ion Ratio Lower Upper

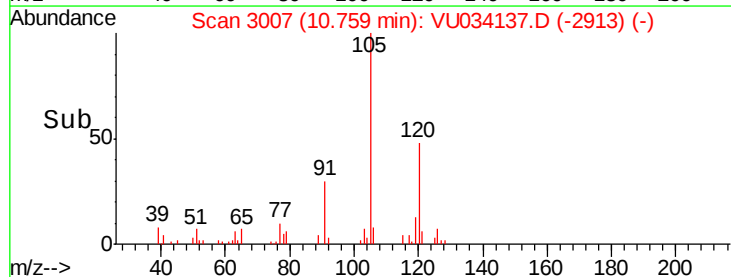
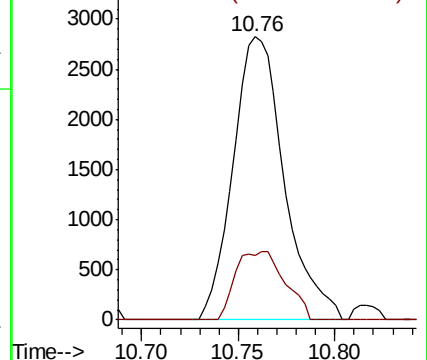
91 100

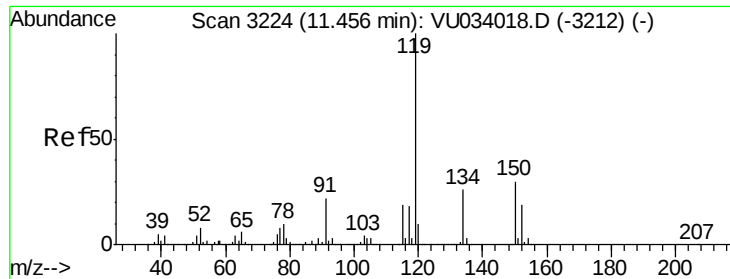
126 23.1 15.0 45.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

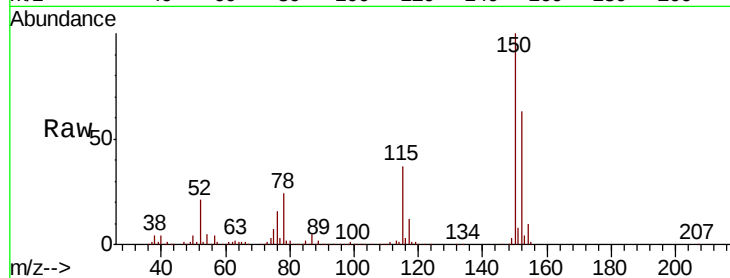




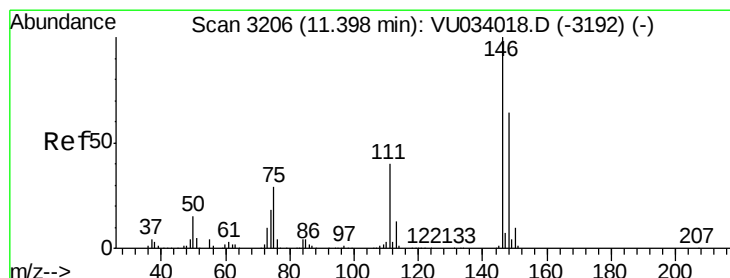
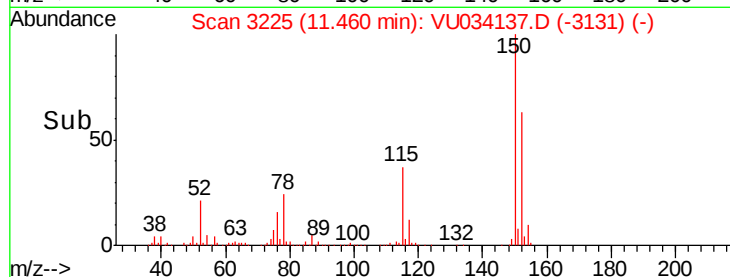
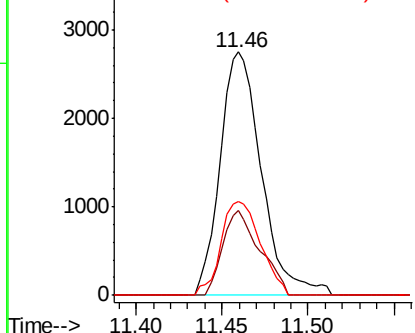
#86
p-Isopropyltoluene
Concen: 0.215 ug/l
RT: 11.46 min Scan# 3225
Delta R.T. 0.00 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

Instrument :
MSVOA_U
ClientSampleId :
PB122699TB

Tgt Ion:119 Resp: 4597
Ion Ratio Lower Upper
119 100
134 31.3 13.1 39.1
91 36.8 11.2 33.6#

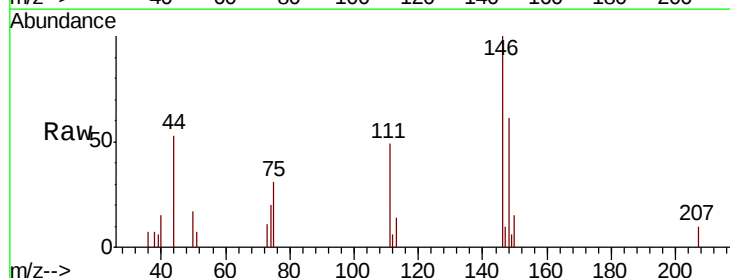


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

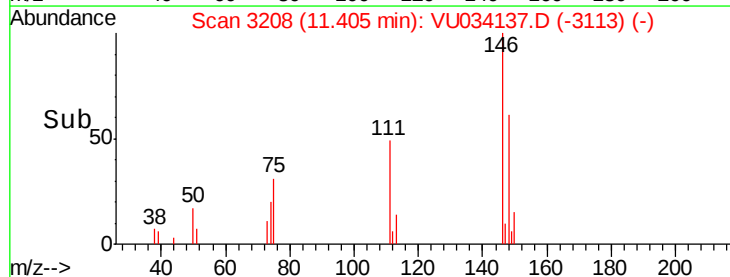
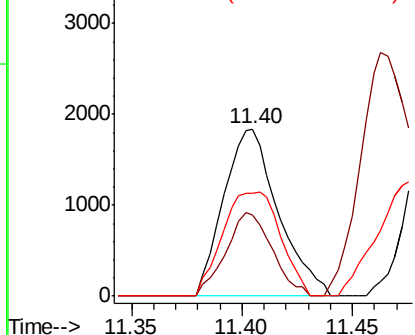


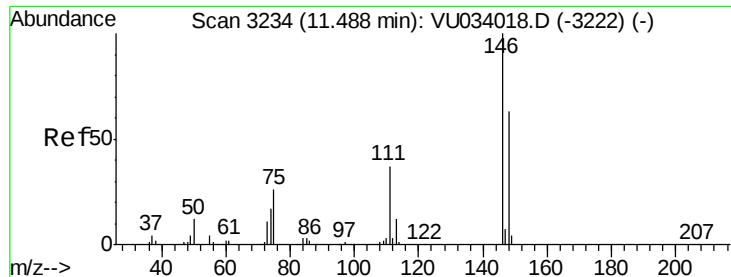
#87
1,3-Dichlorobenzene
Concen: 0.280 ug/l
RT: 11.40 min Scan# 3208
Delta R.T. 0.01 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

Tgt Ion:146 Resp: 3148
Ion Ratio Lower Upper
146 100
111 42.4 19.9 59.6
148 65.9 31.9 95.5



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

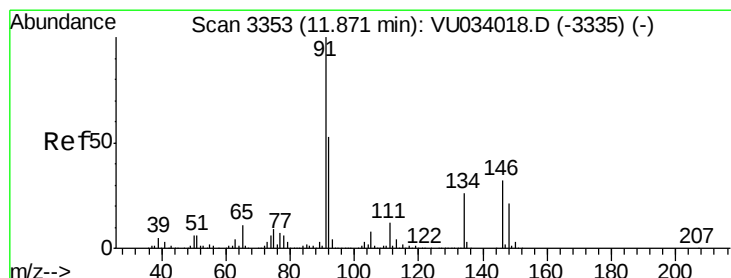
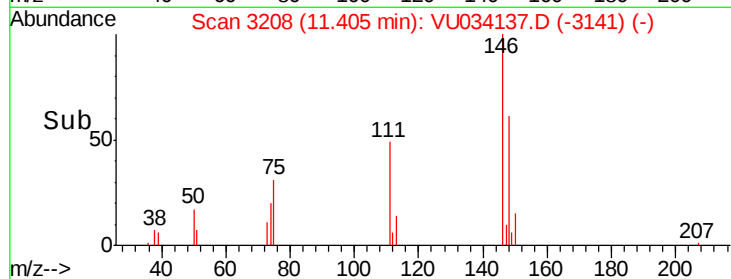
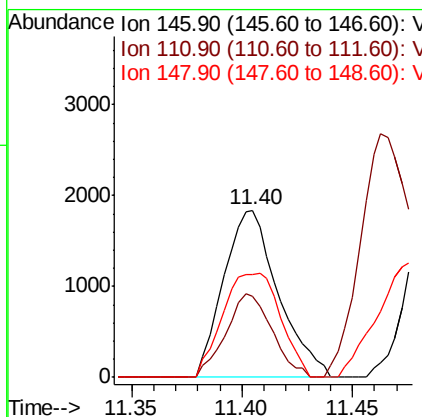
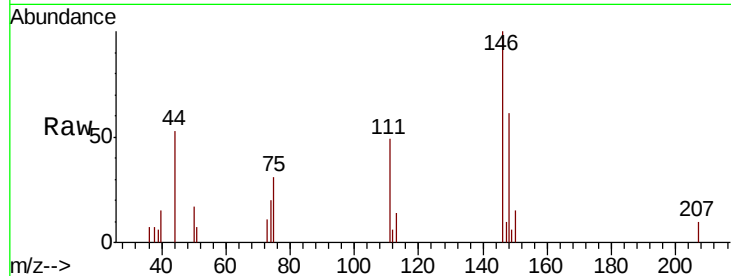




#88
 1,4-Dichlorobenzene
 Concen: 0.277 ug/l
 RT: 11.40 min Scan# 3208
 Delta R.T. -0.08 min
 Lab File: VU034137.D
 Acq: 31 Aug 2019 21:54

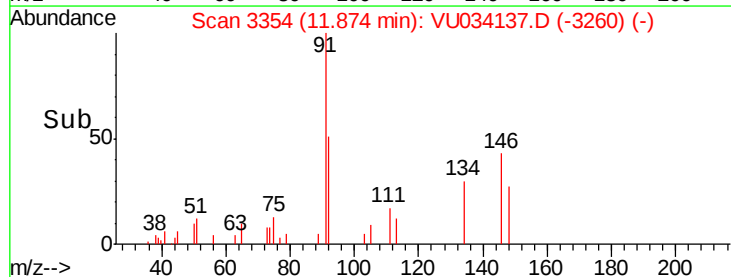
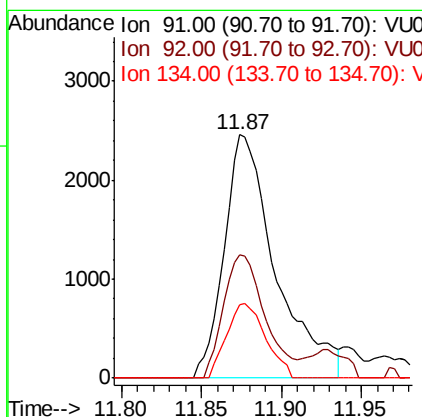
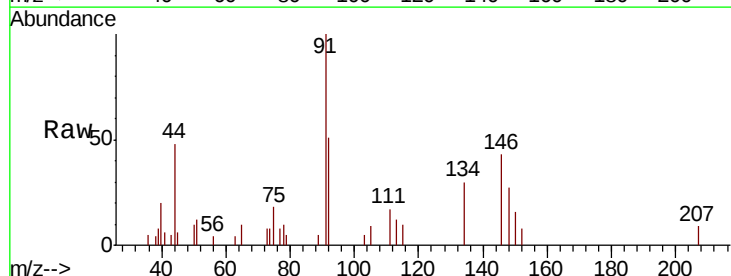
Instrument :
 MSVOA_U
 ClientSampleId :
 PB122699TB

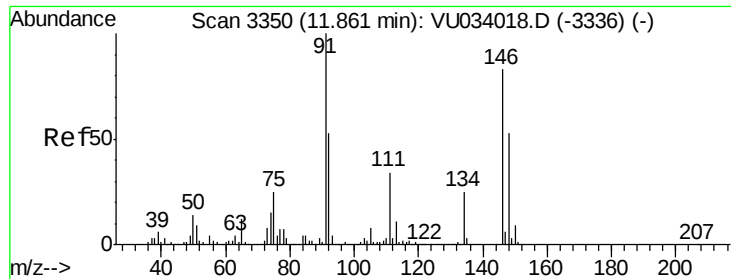
Tgt Ion:146 Resp: 3148
 Ion Ratio Lower Upper
 146 100
 111 42.4 19.2 57.6
 148 65.9 31.9 95.9



#89
 n-Butylbenzene
 Concen: 0.288 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU034137.D
 Acq: 31 Aug 2019 21:54

Tgt Ion: 91 Resp: 5428
 Ion Ratio Lower Upper
 91 100
 92 40.7 26.3 78.9
 134 22.9 12.9 38.7

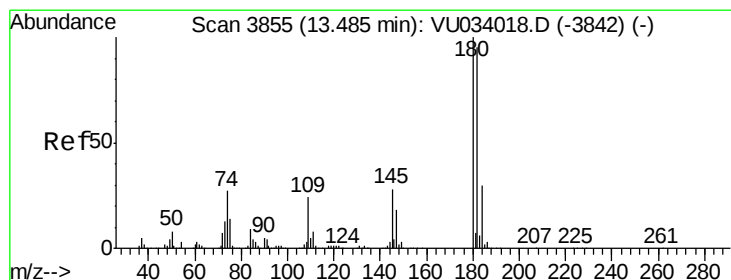
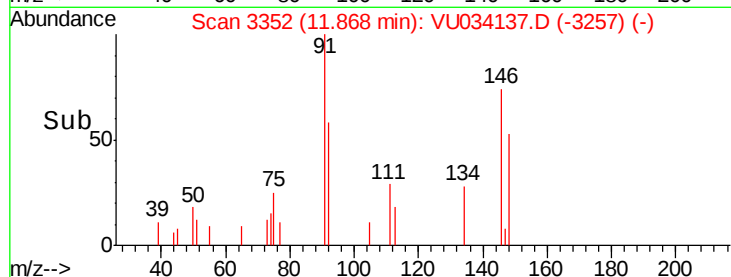
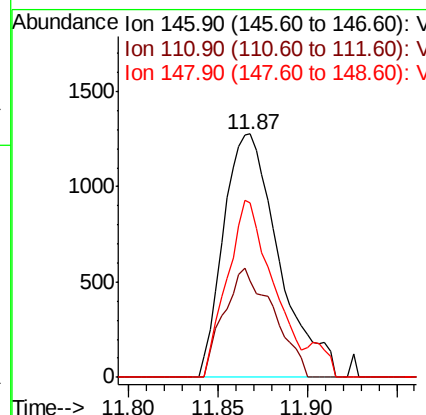
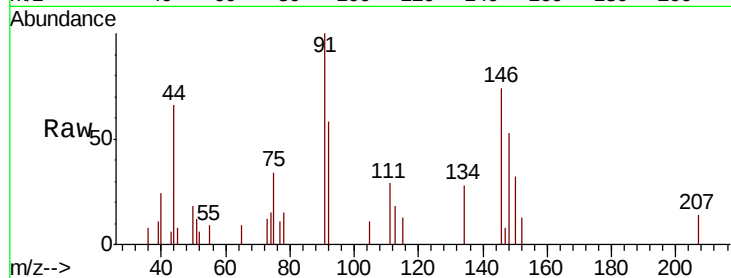




#91
 1,2-Dichlorobenzene
 Concen: 0.255 ug/l
 RT: 11.87 min Scan# 3352
 Delta R.T. 0.01 min
 Lab File: VU034137.D
 Acq: 31 Aug 2019 21:54

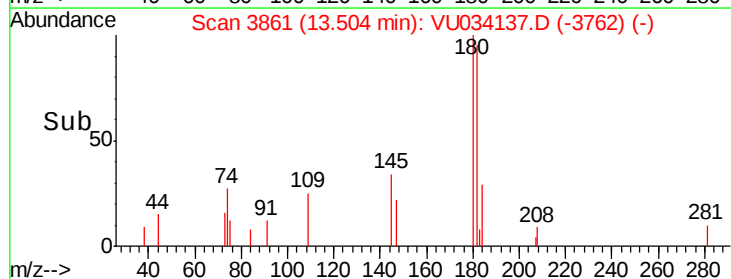
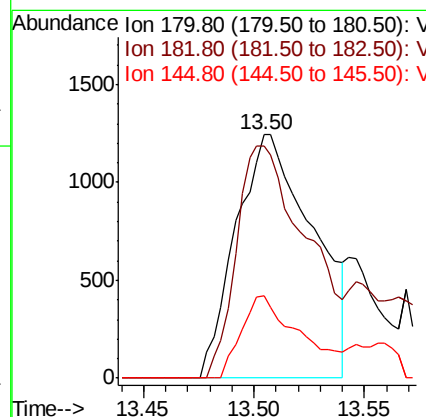
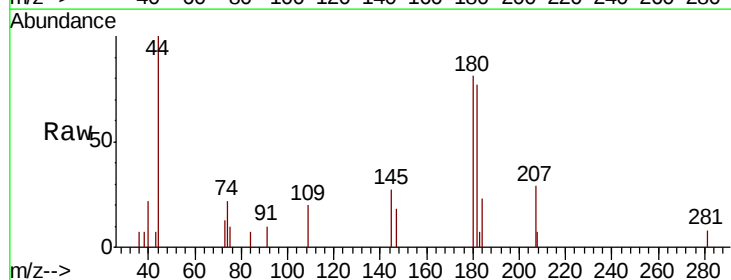
Instrument :
 MSVOA_U
 ClientSampleId :
 PB122699TB

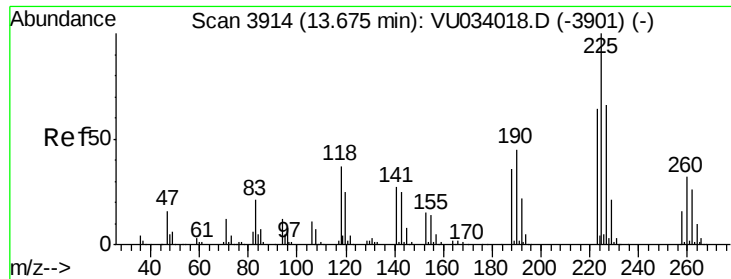
Tgt Ion:146 Resp: 2745
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.4 61.2
 148 60.1 32.3 96.8



#93
 1,2,4-Trichlorobenzene
 Concen: 1.498 ug/l
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.02 min
 Lab File: VU034137.D
 Acq: 31 Aug 2019 21:54

Tgt Ion:180 Resp: 3014
 Ion Ratio Lower Upper
 180 100
 182 88.3 47.4 142.2
 145 26.2 14.1 42.3





#94

Hexachlorobutadiene

Concen: 0.487 ug/l

RT: 13.68 min Scan# 3915

Delta R.T. 0.00 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

PB122699TB

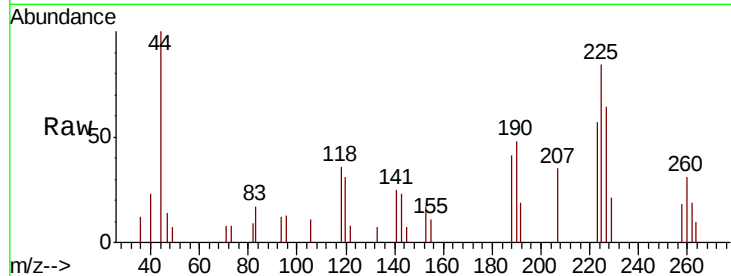
Tgt Ion:225 Resp: 2053

Ion Ratio Lower Upper

225 100

223 69.0 31.8 95.3

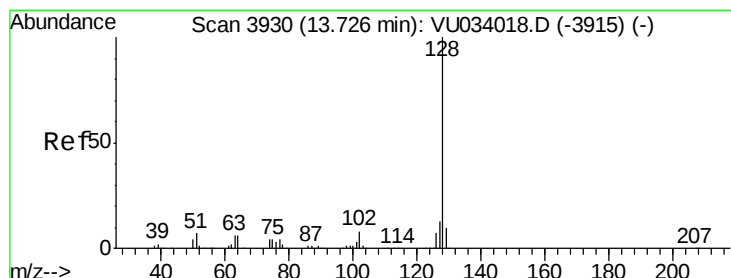
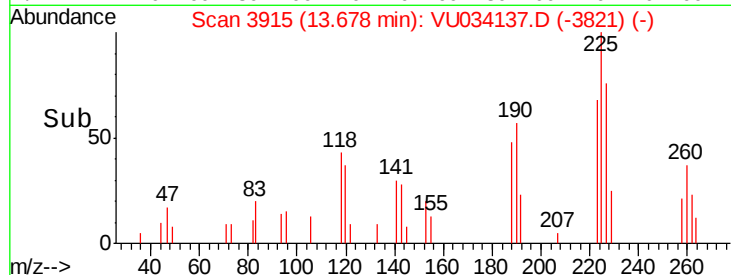
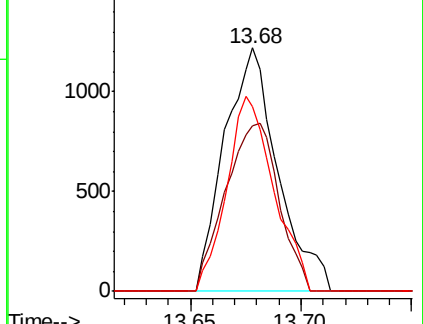
227 70.3 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.277 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.02 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

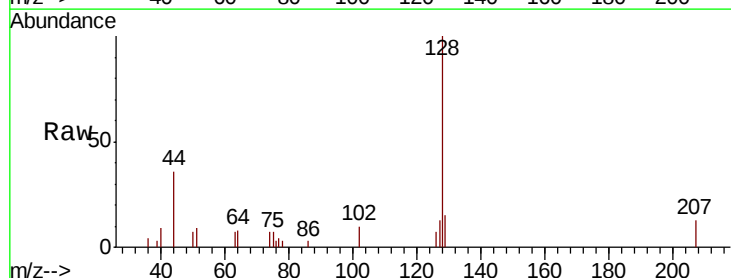
Tgt Ion:128 Resp: 11085

Ion Ratio Lower Upper

128 100

127 11.3 10.2 15.4

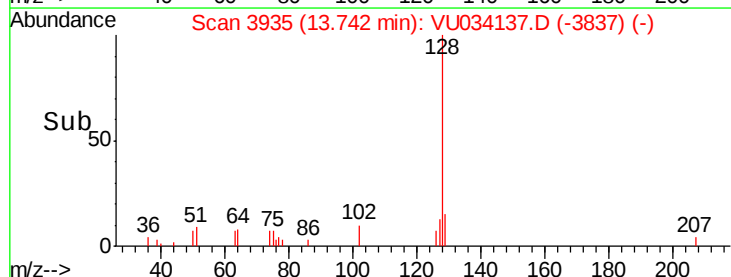
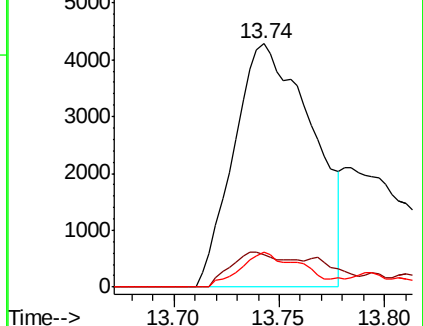
129 10.9 8.4 12.6

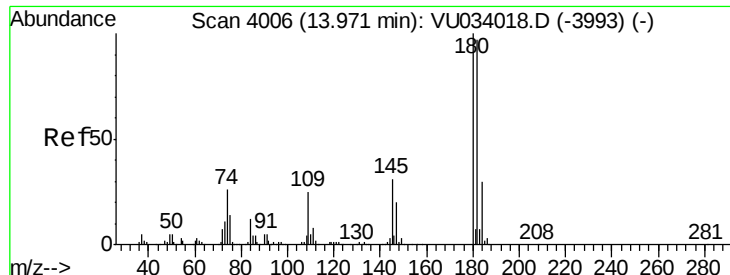


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.638 ug/l
 RT: 13.98 min Scan# 4010
 Delta R.T. 0.01 min
 Lab File: VU034137.D
 Acq: 31 Aug 2019 21:54

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122699TB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	48.2	144.6
145	32.8	15.5	46.5

