

Data File : VU034290.D
Acq On : 05 Sep 2019 17:51
Operator : JC/SP
Sample : PB122818TB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PB122818TB

Quant Time: Sep 06 07:38:39 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	440143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	700659	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	678533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	326683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	279795	42.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.02%	
35) Dibromofluoromethane	4.86	113	244836	37.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.10%	
50) Toluene-d8	7.55	98	971752	39.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.34%	
62) 4-Bromofluorobenzene	10.29	95	340538	36.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.02%	

Target Compounds

					Qvalue	
5) Bromomethane	1.63	94	1031	Below Cal		97
6) Chloroethane	1.62	64	66	Below Cal	#	43
10) Methyl Iodide	2.41	142	963	4.037	ug/l #	73
11) Tert butyl alcohol	2.82	59	3638	2.586	ug/l #	73
13) Acrolein	2.19	56	359	0.304	ug/l #	64
16) Acetone	2.32	43	12415	3.602	ug/l #	85
18) Methyl Acetate	2.62	43	4182	0.499	ug/l #	85
20) Methylene Chloride	2.69	84	11375	1.629	ug/l	98
25) 2-Butanone	4.30	43	1475	0.321	ug/l #	48
31) Cyclohexane	4.96	56	7511	0.963	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	30312	3.989	ug/l #	49
38) Carbon Tetrachloride	4.96	117	39252	4.838	ug/l #	15
43) Isopropyl Acetate	5.53	43	86362	6.162	ug/l	97
48) Methyl methacrylate	6.69	41	135211	20.312	ug/l #	37
49) 1,4-Dioxane	6.61	88	530	3.646	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	72266	7.449	ug/l #	46
54) cis-1,3-Dichloropropene	7.40	75	39273	3.727	ug/l #	63
56) Ethyl methacrylate	8.03	69	929	3.159	ug/l #	28
57) 1,3-Dichloropropane	8.40	76	6947	0.611	ug/l #	43
59) 2-Hexanone	8.40	43	93133	12.851	ug/l #	55
68) m/p-Xylenes	9.36	106	3447	0.325	ug/l	99
74) N-amyl acetate	10.01	43	1768	0.207	ug/l	95
76) 1,2,3-Trichloropropane	10.29	75	161669	22.672	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.76	105	4863	0.274	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.29	75	161669	76.243	ug/l #	100
82) 4-Chlorotoluene	10.76	91	3961	0.230	ug/l	93
87) 1,3-Dichlorobenzene	11.40	146	2798	0.258	ug/l	95
88) 1,4-Dichlorobenzene	11.40	146	2798	0.247	ug/l	94
89) n-Butylbenzene	11.88	91	5209	0.309	ug/l	88
91) 1,2-Dichlorobenzene	11.87	146	2632	0.247	ug/l	92
93) 1,2,4-Trichlorobenzene	13.52	180	3184	3.835	ug/l #	88
94) Hexachlorobutadiene	13.67	225	1630	0.437	ug/l	94
95) Naphthalene	13.75	128	14113	4.563	ug/l #	78
96) 1,2,3-Trichlorobenzene	13.98	180	3787	3.119	ug/l	96

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

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Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
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ClientSampleId :
PB122818TB

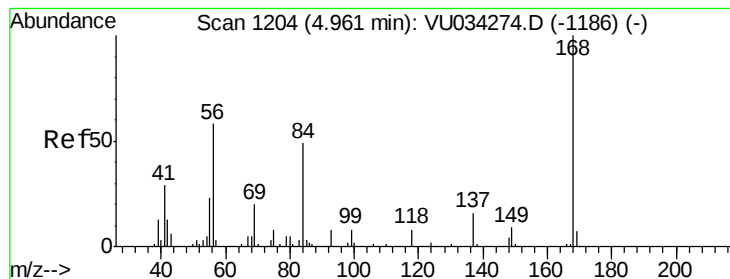
Quant Time: Sep 06 07:38:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

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

Quant Time: Sep 06 07:38:39 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

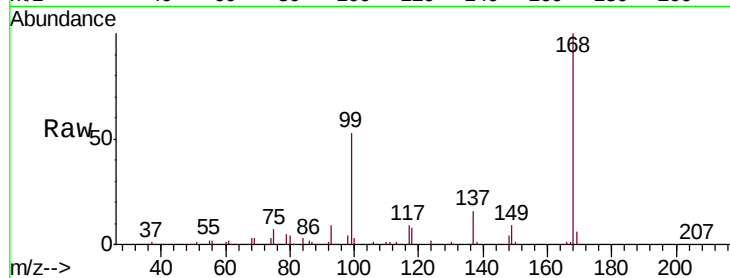
PB122818TB

Tgt Ion: 168 Resp: 440143

Ion Ratio Lower Upper

168 100

99 52.7 41.6 62.4



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

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

4.96

200000

150000

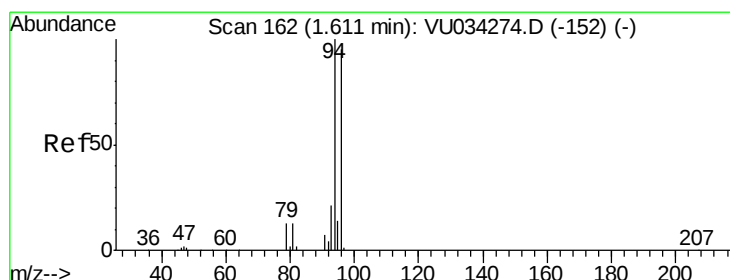
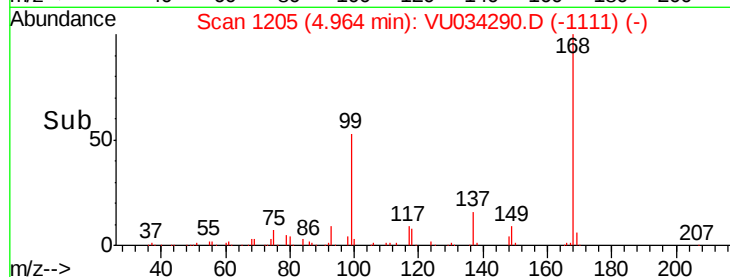
100000

50000

0

4.90 5.00 5.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 168

Delta R.T. 0.02 min

Lab File: VU034290.D

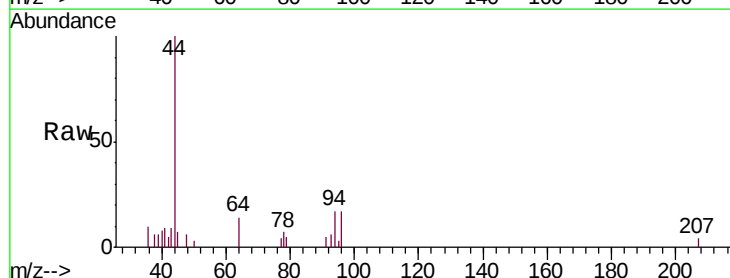
Acq: 05 Sep 2019 17:51

Tgt Ion: 94 Resp: 1031

Ion Ratio Lower Upper

94 100

96 97.0 75.7 113.5



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

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

1.63

600

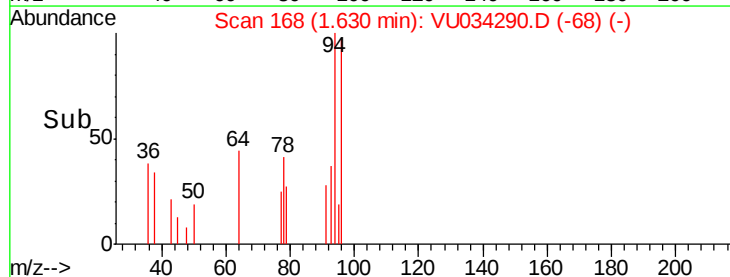
400

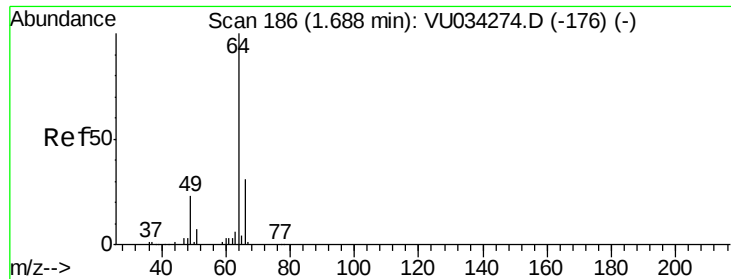
200

0

1.60 1.65

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.62 min Scan# 166

Delta R.T. -0.06 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

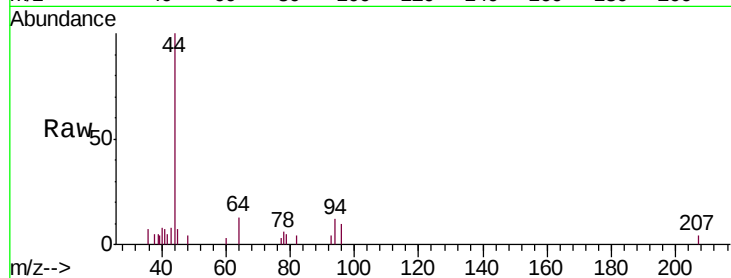
PB122818TB

Tgt Ion: 64 Resp: 66

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VU034290.D (-93) (-)

Ion 65.90 (65.60 to 66.60): VU034290.D (-93) (-)

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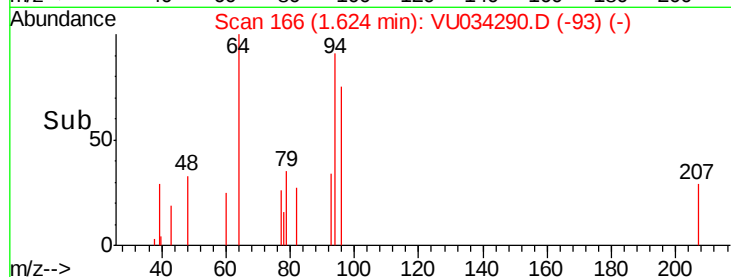
1.63

1.63

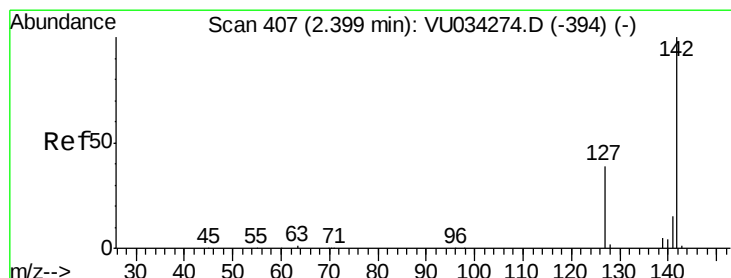
1.63

1.63

1.63



Time-->



#10

Methyl Iodide

Concen: 4.037 ug/l

RT: 2.41 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

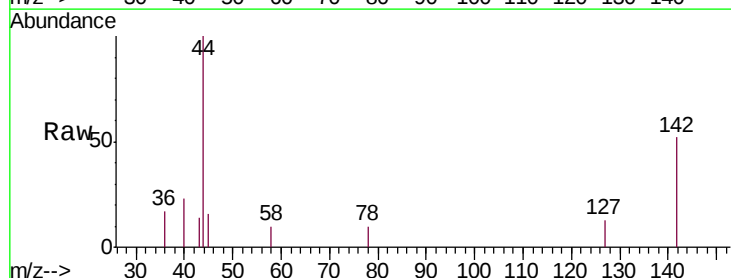
Tgt Ion: 142 Resp: 963

Ion Ratio Lower Upper

142 100

127 24.9 32.1 48.1#

141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): VU034290.D (-313) (-)

Ion 126.80 (126.50 to 127.50): VU034290.D (-313) (-)

Ion 140.80 (140.50 to 141.50): VU034290.D (-313) (-)

2.41

2.45

2.45

2.45

2.45

2.45

2.45

2.45

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2.45

2.45

2.45

2.45

2.45

2.45

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2.45

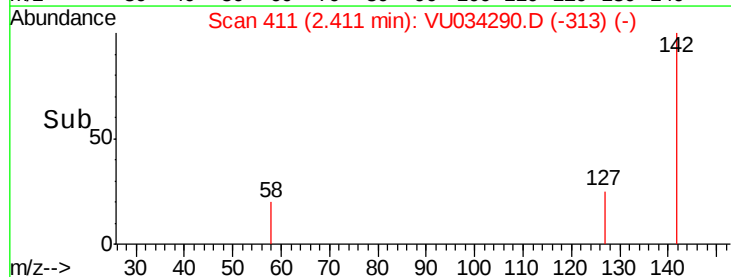
2.45

2.45

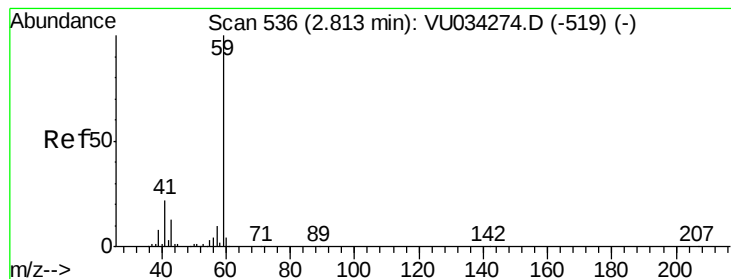
2.45

2.45

2.45



Time-->



#11

Tert butyl alcohol

Concen: 2.586 ug/l

RT: 2.82 min Scan# 538

Delta R.T. 0.01 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

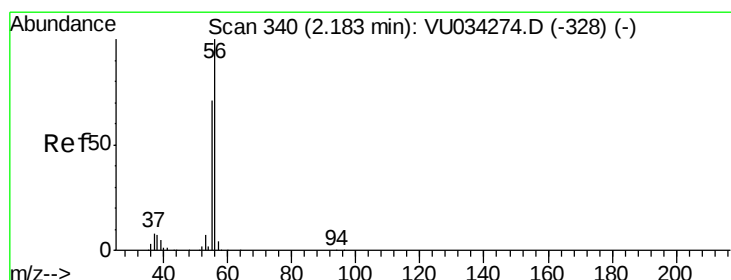
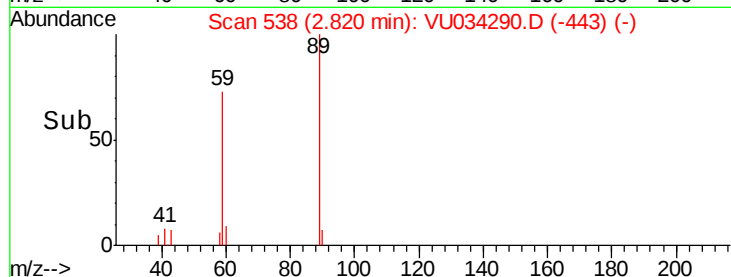
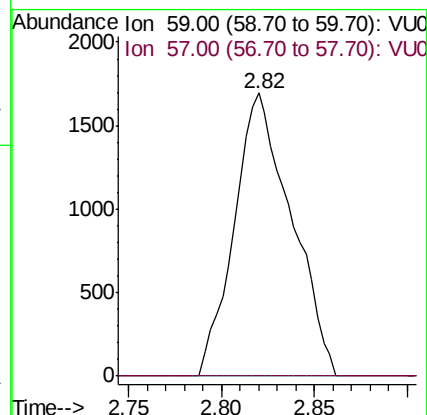
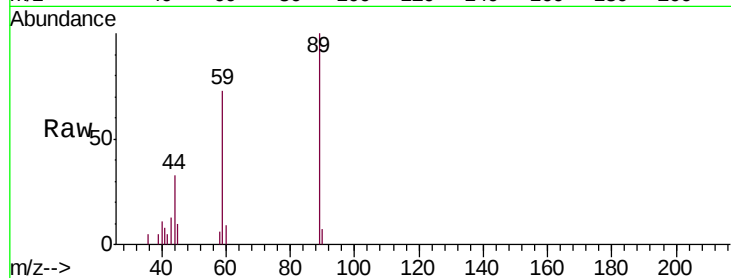
PB122818TB

Tgt Ion: 59 Resp: 3638

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#13

Acrolein

Concen: 0.304 ug/l

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VU034290.D

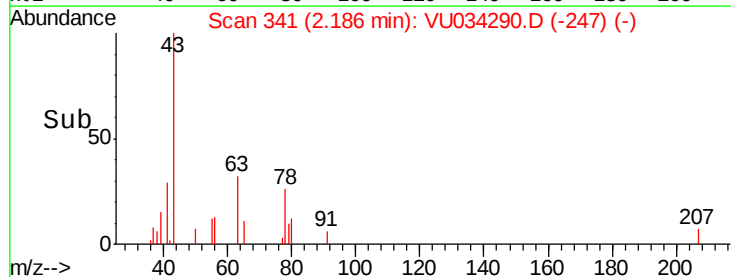
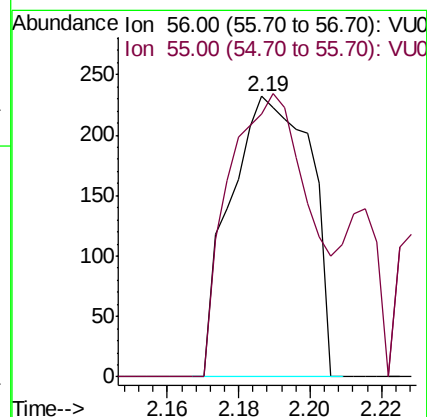
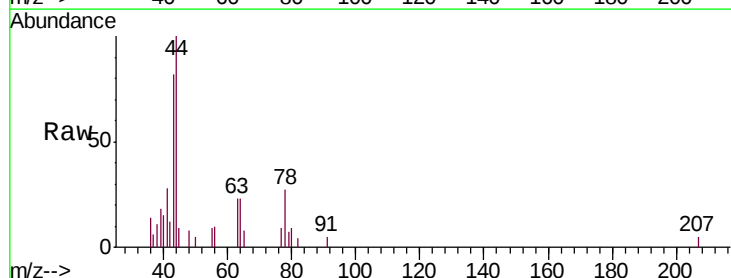
Acq: 05 Sep 2019 17:51

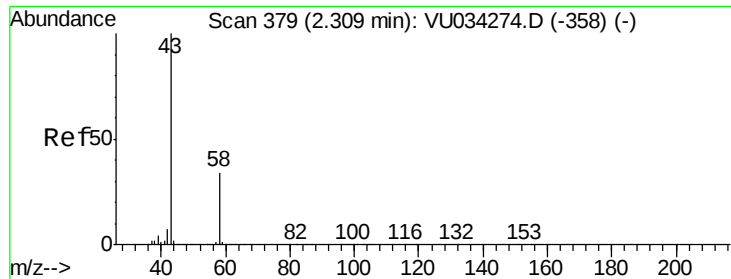
Tgt Ion: 56 Resp: 359

Ion Ratio Lower Upper

56 100

55 101.9 57.4 86.2#





#16

Acetone

Concen: 3.602 ug/l

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

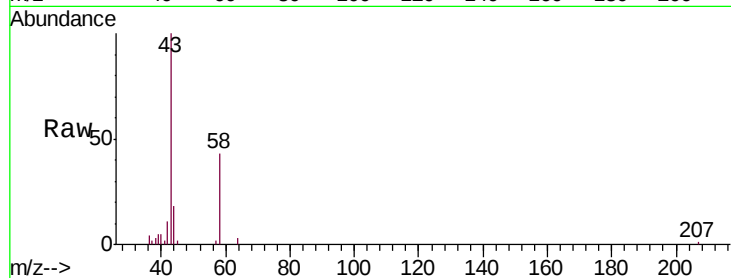
PB122818TB

Tgt Ion: 43 Resp: 12415

Ion Ratio Lower Upper

43 100

58 43.3 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

2.32

8000

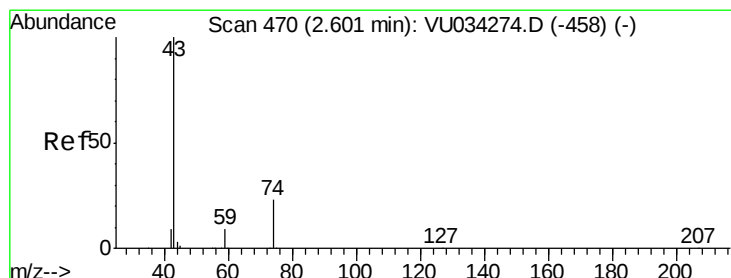
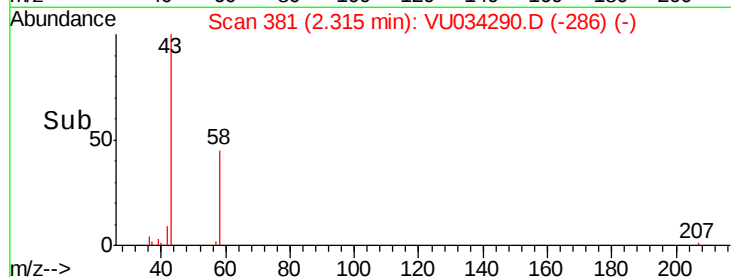
6000

4000

2000

0

Time--> 2.20 2.30 2.40



#18

Methyl Acetate

Concen: 0.499 ug/l

RT: 2.62 min Scan# 475

Delta R.T. 0.02 min

Lab File: VU034290.D

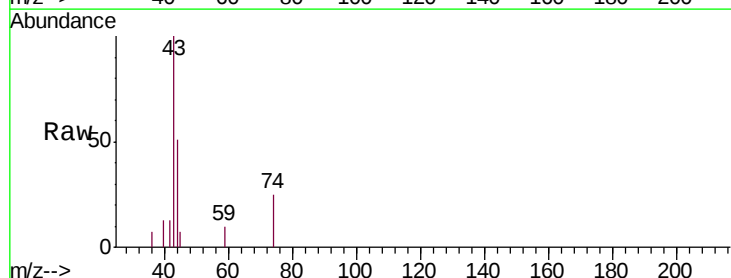
Acq: 05 Sep 2019 17:51

Tgt Ion: 43 Resp: 4182

Ion Ratio Lower Upper

43 100

74 16.3 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-458) (-)

Ion 74.00 (73.70 to 74.70): VU034274.D (-458) (-)

2.62

2000

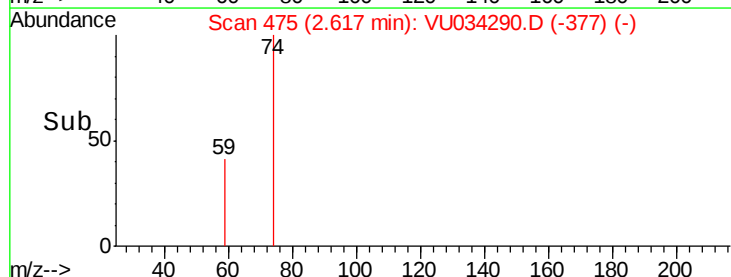
1500

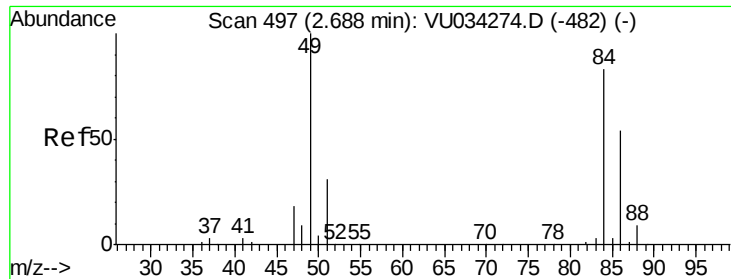
1000

500

0

Time--> 2.55 2.60 2.65 2.70

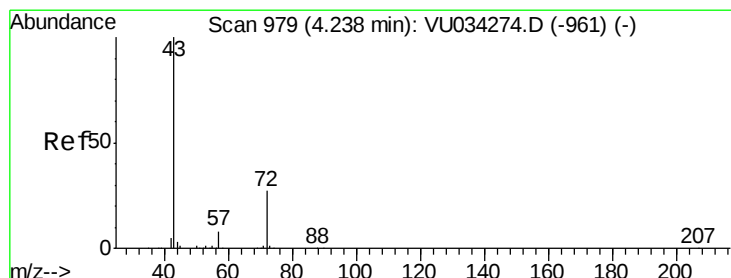
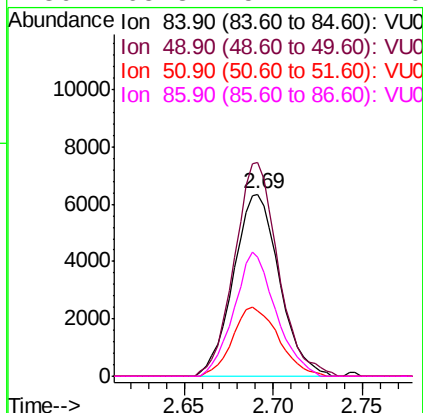
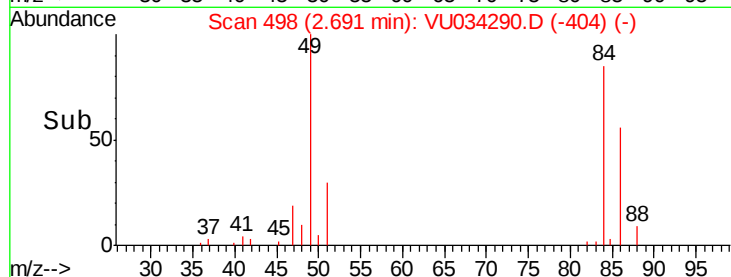
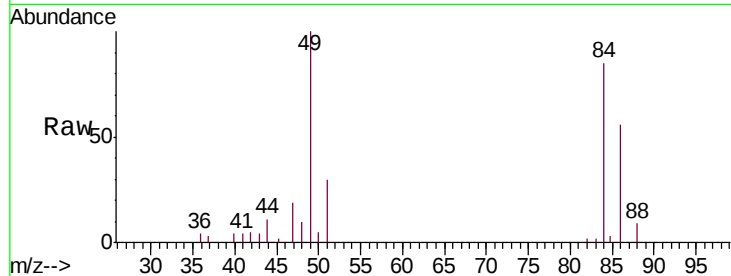




#20
Methylene Chloride
Concen: 1.629 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034290.D
Acq: 05 Sep 2019 17:51

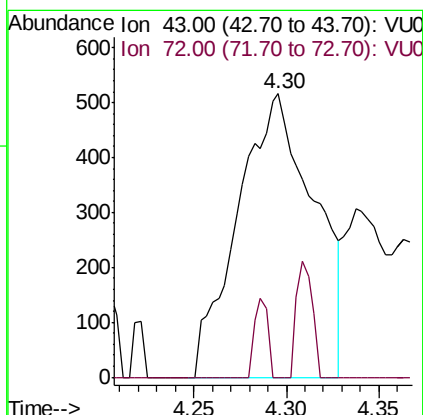
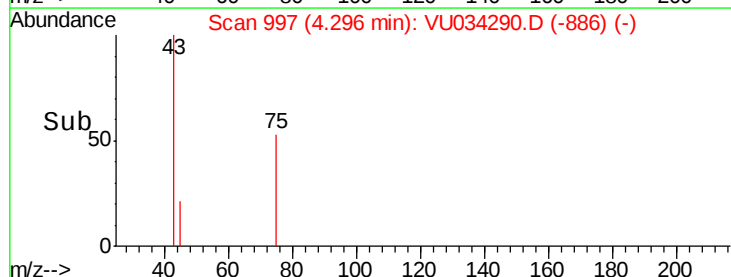
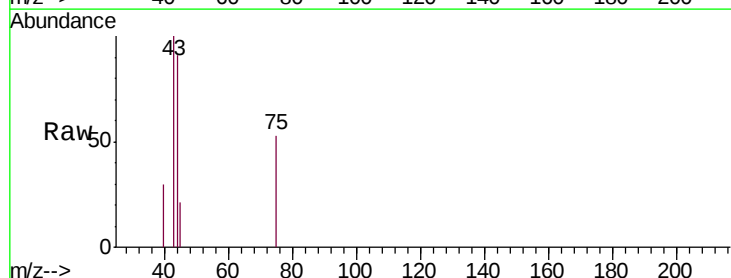
Instrument :
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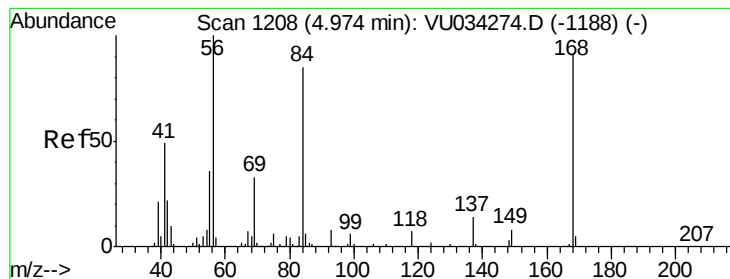
Tgt Ion: 84 Resp: 11375
Ion Ratio Lower Upper
84 100
49 117.1 96.0 144.0
51 35.6 30.0 45.0
86 65.3 51.4 77.0



#25
2-Butanone
Concen: 0.321 ug/l
RT: 4.30 min Scan# 997
Delta R.T. 0.06 min
Lab File: VU034290.D
Acq: 05 Sep 2019 17:51

Tgt Ion: 43 Resp: 1475
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#





#31

Cyclohexane

Concen: 0.963 ug/l

RT: 4.96 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

PB122818TB

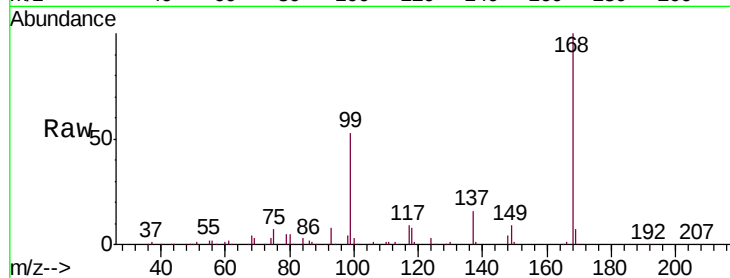
Tgt Ion: 56 Resp: 7511

Ion Ratio Lower Upper

56 100

69 184.9 26.7 40.1#

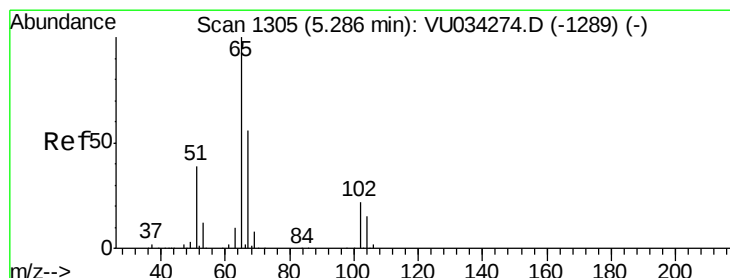
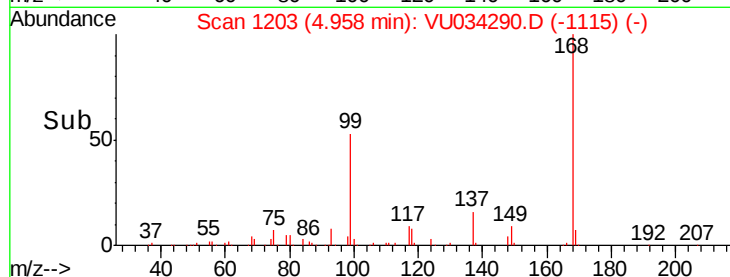
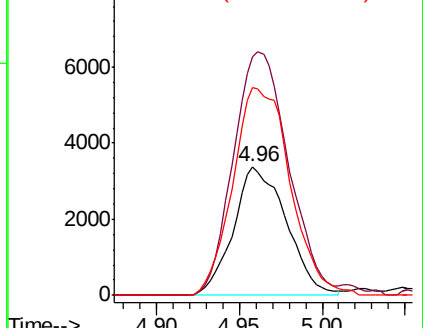
84 161.8 68.2 102.4#



Abundance Ion 56.00 (55.70 to 56.70): VU034290.D (-1188) (-)

Ion 69.00 (68.70 to 69.70): VU034290.D (-1188) (-)

Ion 84.00 (83.70 to 84.70): VU034290.D (-1188) (-)



#33

1,2-Dichloroethane-d4

Concen: 42.014 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034290.D

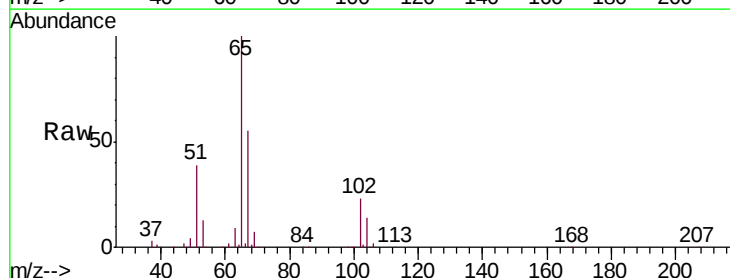
Acq: 05 Sep 2019 17:51

Tgt Ion: 65 Resp: 279795

Ion Ratio Lower Upper

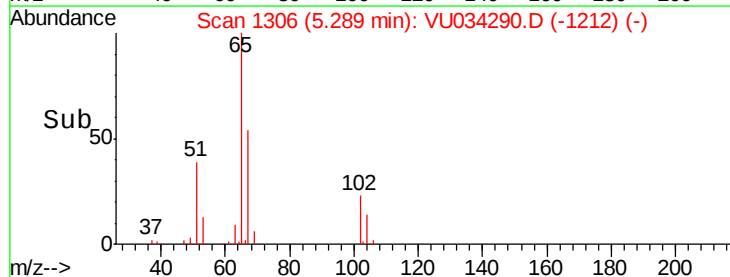
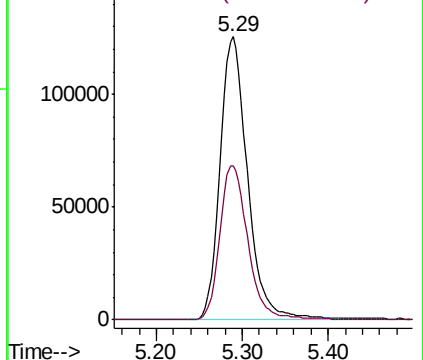
65 100

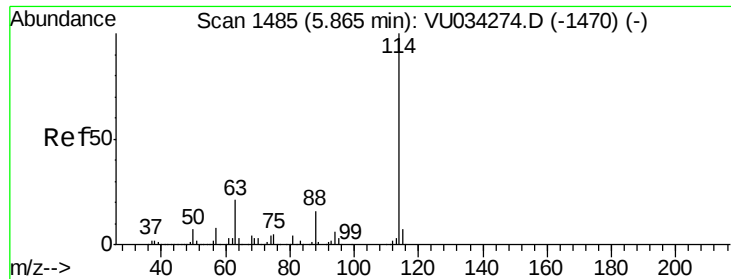
67 55.9 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034290.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034290.D (-1289) (-)

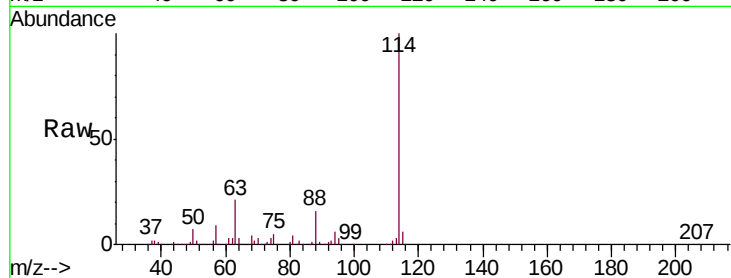




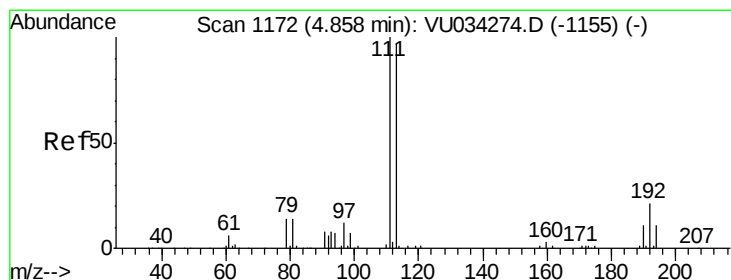
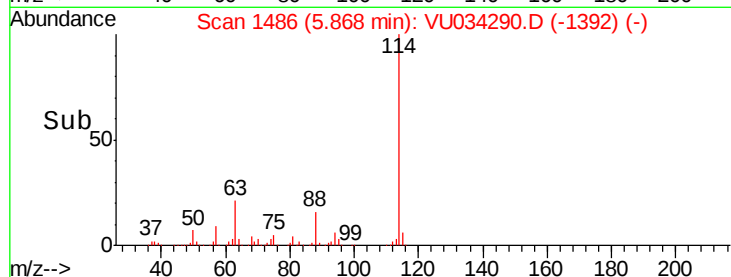
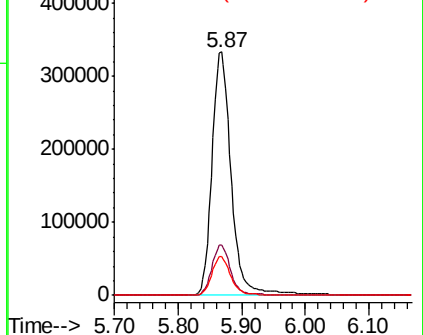
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034290.D
 Acq: 05 Sep 2019 17:51

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122818TB

Tgt Ion:114 Resp: 700659
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 15.8 0.0 32.4

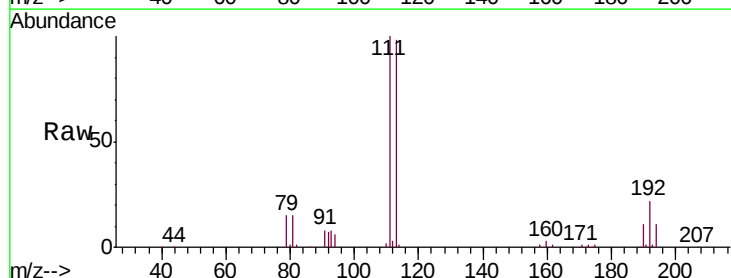


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

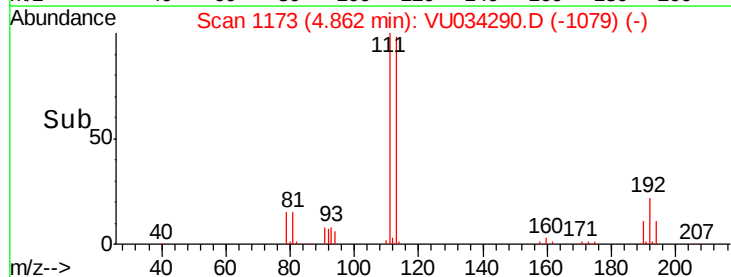
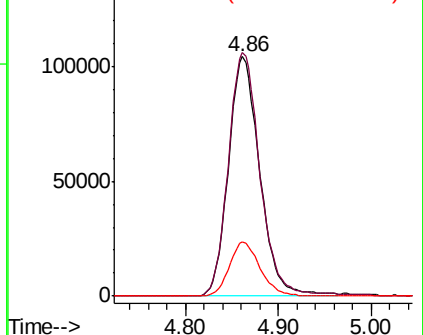


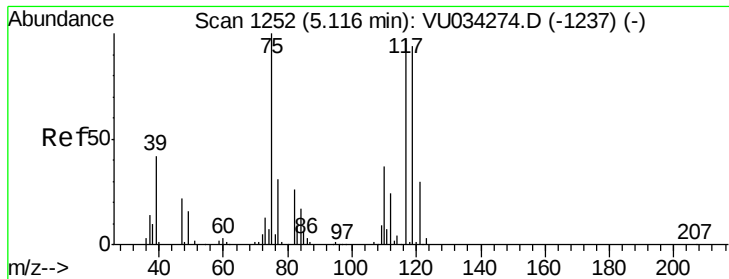
#35
 Dibromofluoromethane
 Concen: 37.554 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034290.D
 Acq: 05 Sep 2019 17:51

Tgt Ion:113 Resp: 244836
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.5 122.3
 192 22.2 17.8 26.8



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

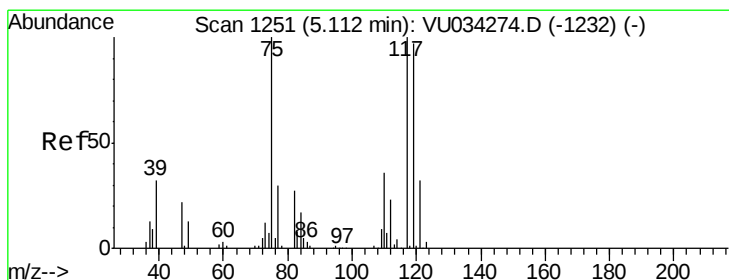
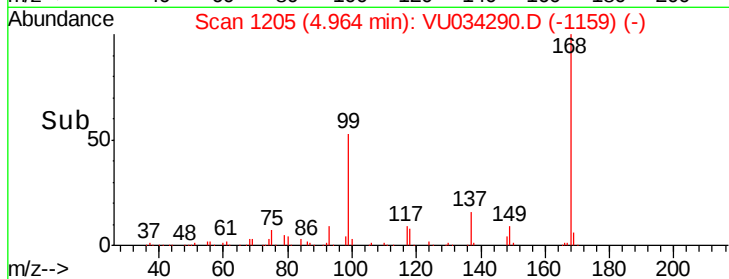
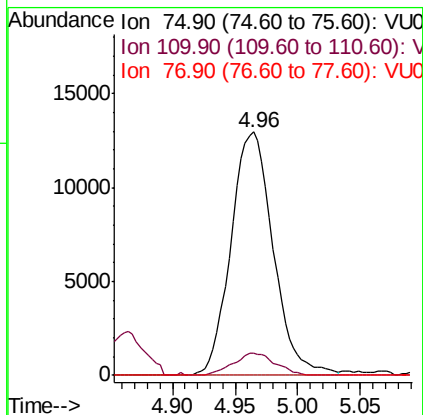
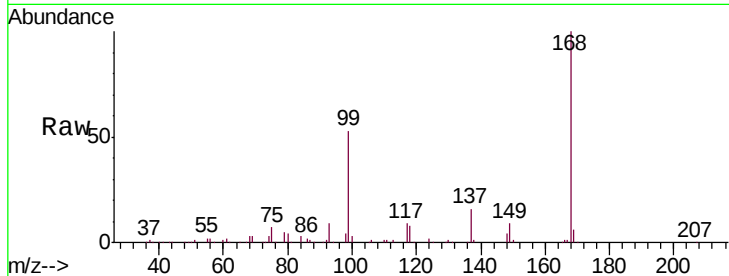




#36
 1,1-Dichloropropene
 Concen: 3.989 ug/l
 RT: 4.96 min Scan# 1205
 Delta R.T. -0.15 min
 Lab File: VU034290.D
 Acq: 05 Sep 2019 17:51

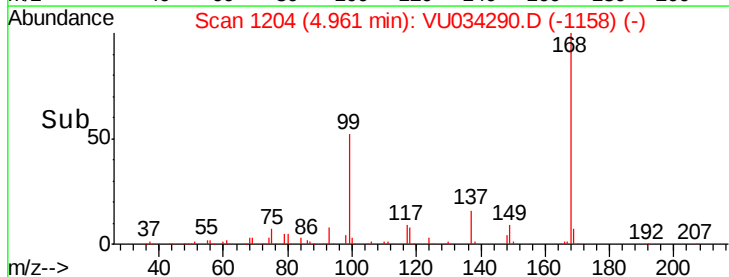
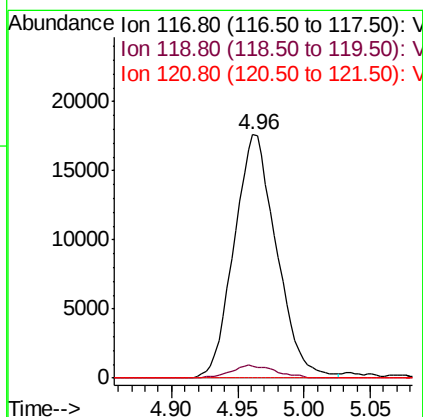
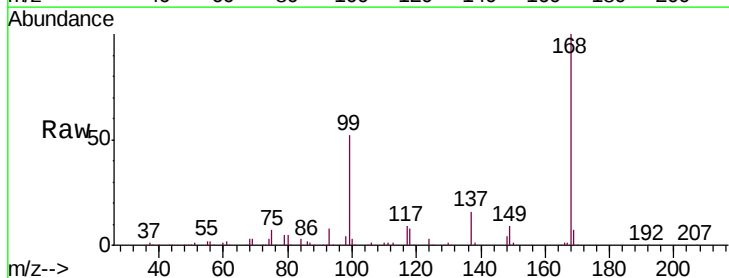
Instrument :
 MSVOA_U
 ClientSampleId :
 PB122818TB

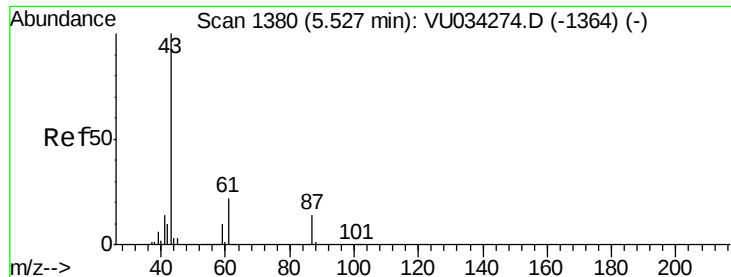
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 4.838 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034290.D
 Acq: 05 Sep 2019 17:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.8	116.6#
121	0.0	25.2	37.8#





#43

Isopropyl Acetate

Concen: 6.162 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

PB122818TB

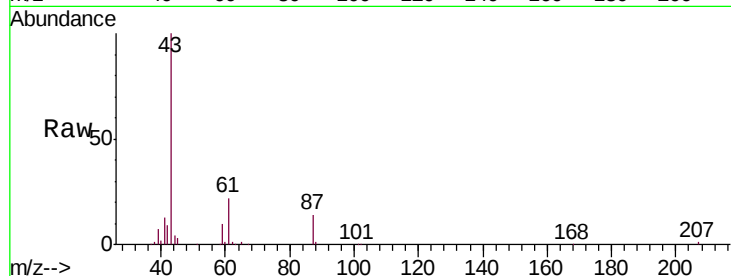
Tgt Ion: 43 Resp: 86362

Ion Ratio Lower Upper

43 100

61 22.8 17.1 25.7

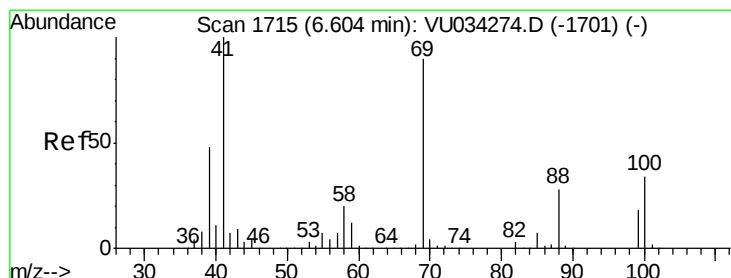
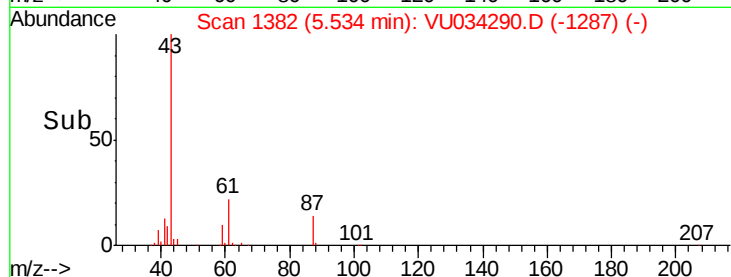
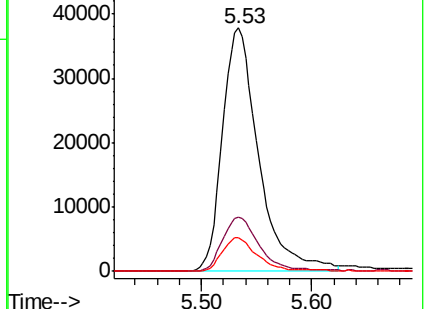
87 13.1 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034290.D (-1382) (-)

Ion 61.00 (60.70 to 61.70): VU034290.D (-1382) (-)

Ion 87.00 (86.70 to 87.70): VU034290.D (-1382) (-)



#48

Methyl methacrylate

Concen: 20.312 ug/l

RT: 6.69 min Scan# 1741

Delta R.T. 0.08 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

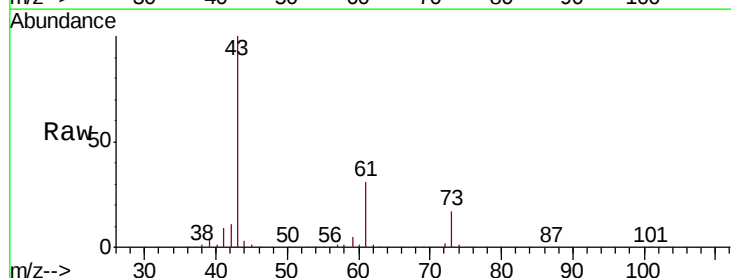
Tgt Ion: 41 Resp: 135211

Ion Ratio Lower Upper

41 100

69 0.1 72.8 109.2#

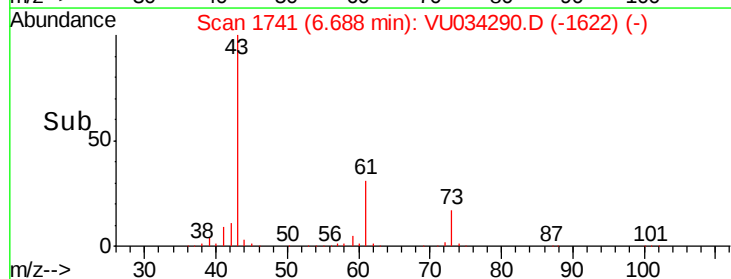
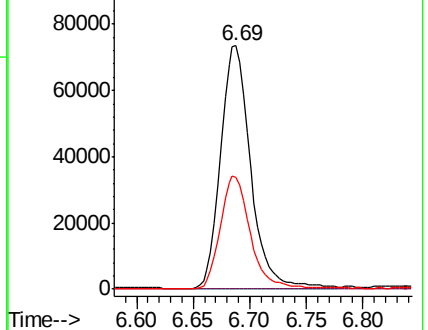
39 46.8 38.6 58.0

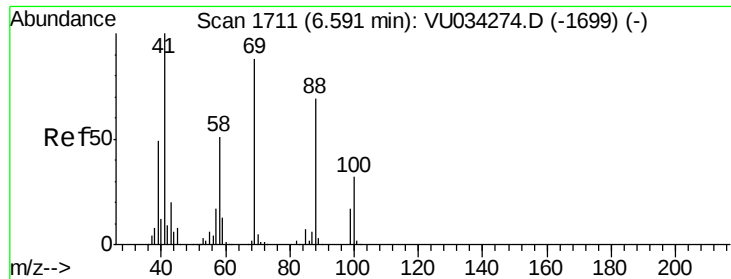


Abundance Ion 41.00 (40.70 to 41.70): VU034290.D (-1741) (-)

Ion 69.00 (68.70 to 69.70): VU034290.D (-1741) (-)

Ion 39.00 (38.70 to 39.70): VU034290.D (-1741) (-)

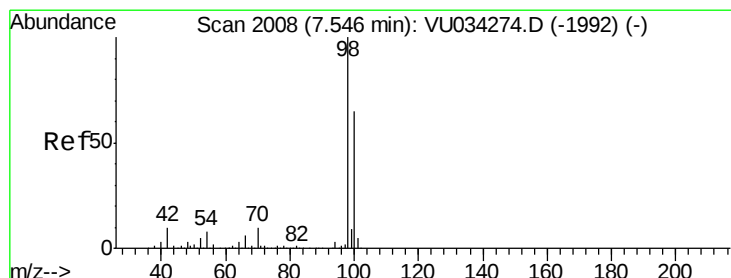
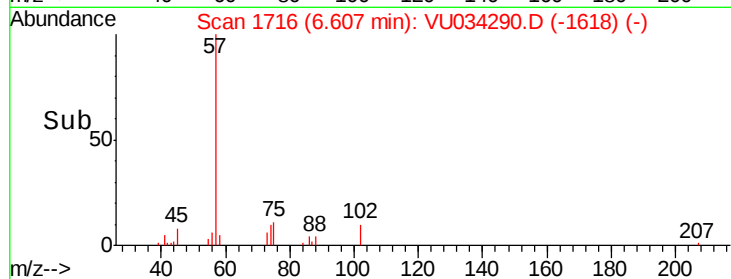
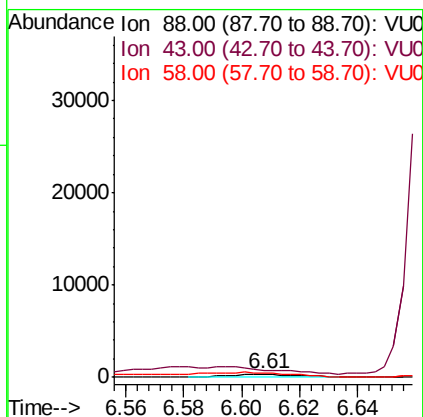
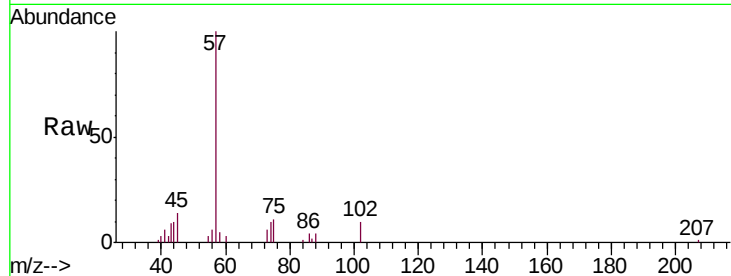




#49
 1,4-Dioxane
 Concen: 3.646 ug/l
 RT: 6.61 min Scan# 1716
 Delta R.T. 0.02 min
 Lab File: VU034290.D
 Acq: 05 Sep 2019 17:51

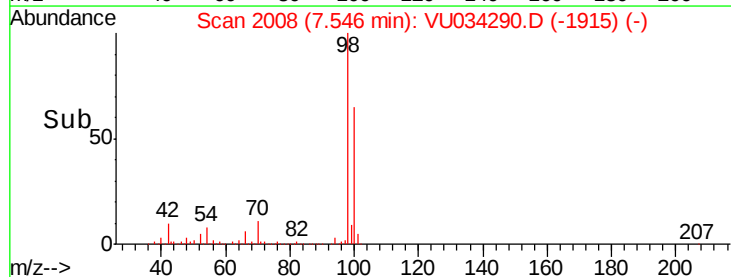
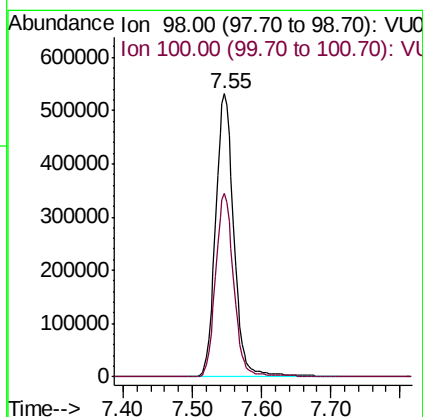
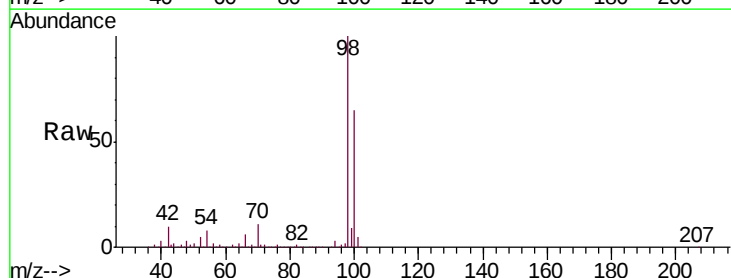
Instrument :
 MSVOA_U
 ClientSampleId :
 PB122818TB

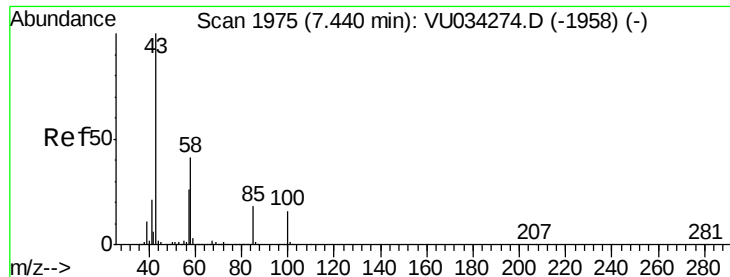
Tgt Ion: 88 Resp: 530
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.8 35.6#
 58 222.3 58.4 87.6#



#50
 Toluene-d8
 Concen: 39.672 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VU034290.D
 Acq: 05 Sep 2019 17:51

Tgt Ion: 98 Resp: 971752
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 7.449 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. -0.04 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

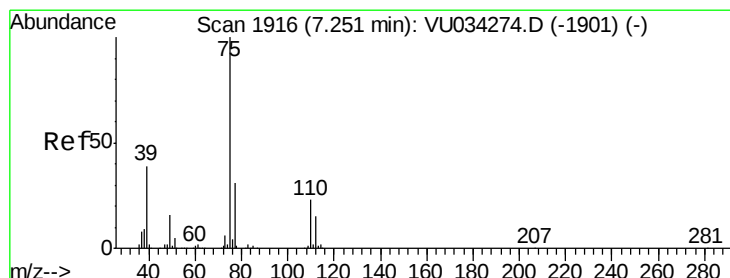
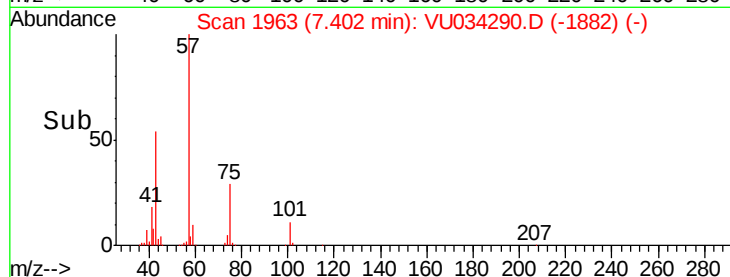
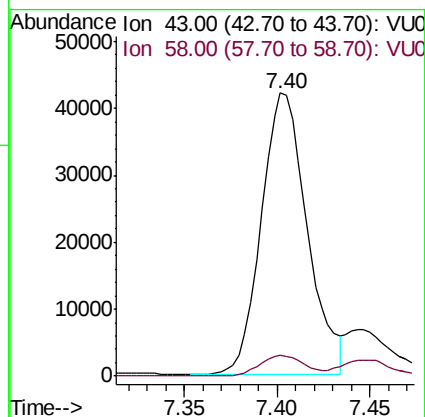
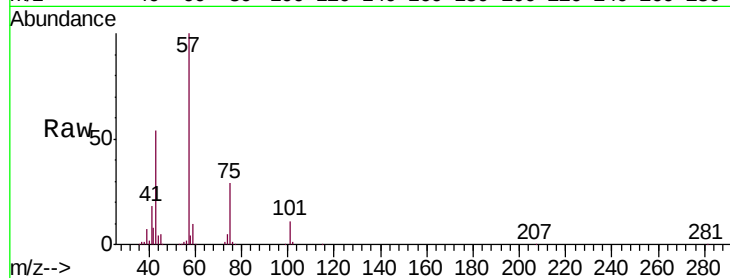
PB122818TB

Tgt Ion: 43 Resp: 72266

Ion Ratio Lower Upper

43 100

58 7.3 33.0 49.4#



#54

cis-1,3-Dichloropropene

Concen: 3.727 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. 0.15 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

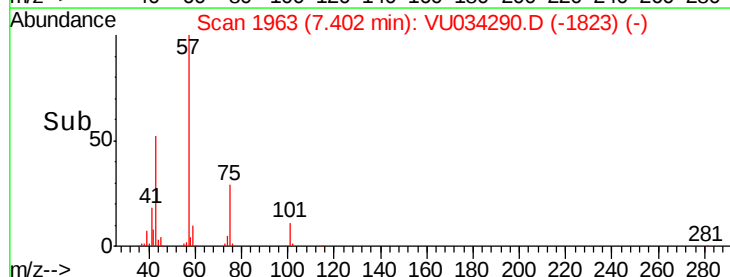
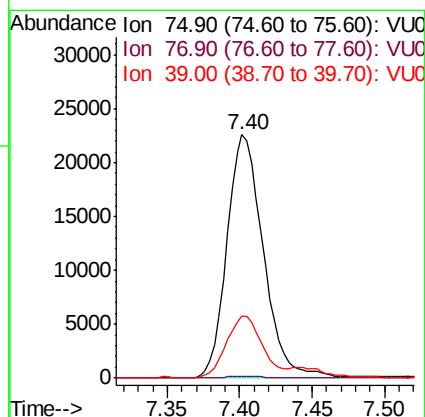
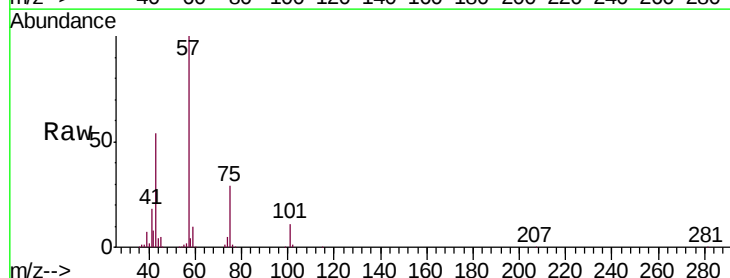
Tgt Ion: 75 Resp: 39273

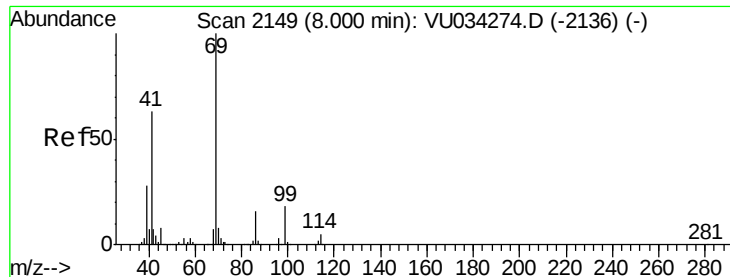
Ion Ratio Lower Upper

75 100

77 0.8 25.1 37.7#

39 25.3 31.2 46.8#

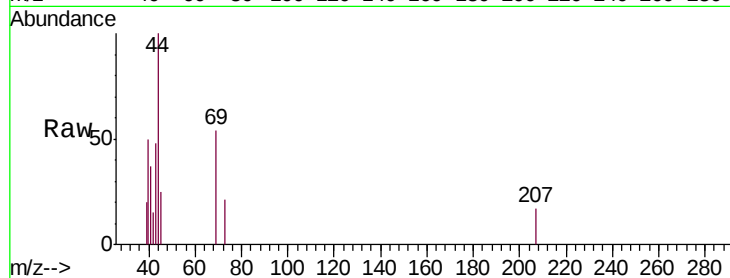




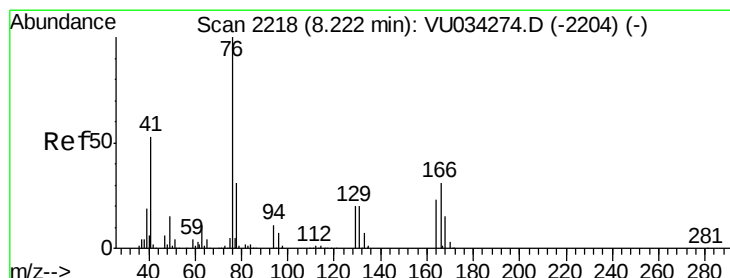
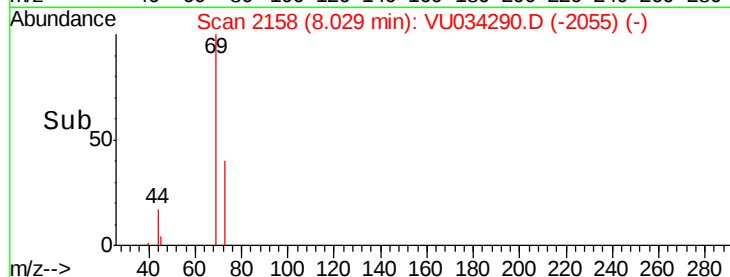
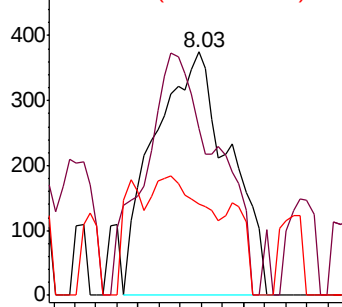
#56
Ethyl methacrylate
Concen: 3.159 ug/l
RT: 8.03 min Scan# 2158
Delta R.T. 0.03 min
Lab File: VU034290.D
Acq: 05 Sep 2019 17:51

Instrument :
MSVOA_U
ClientSampleId :
PB122818TB

Tgt Ion: 69 Resp: 929
Ion Ratio Lower Upper
69 100
41 0.0 49.5 74.3#
39 0.0 22.5 33.7#

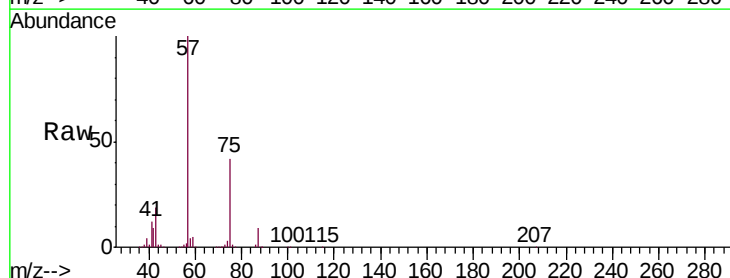


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

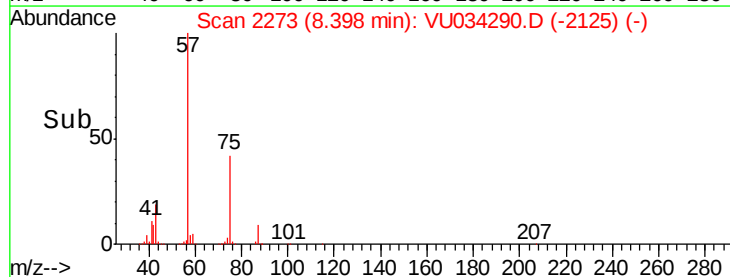
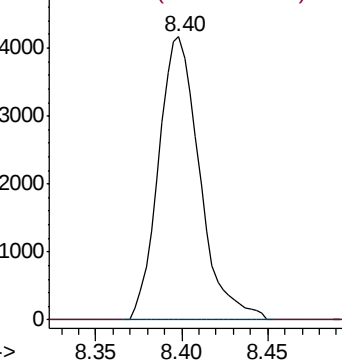


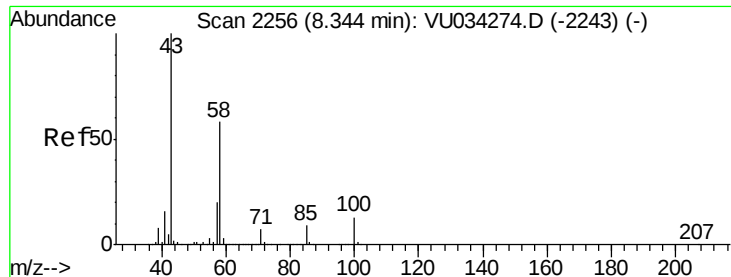
#57
1,3-Dichloropropane
Concen: 0.611 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.18 min
Lab File: VU034290.D
Acq: 05 Sep 2019 17:51

Tgt Ion: 76 Resp: 6947
Ion Ratio Lower Upper
76 100
78 0.0 25.4 38.2#



Abundance Ion 75.90 (75.60 to 76.60): VU0
Ion 77.90 (77.60 to 78.60): VU0

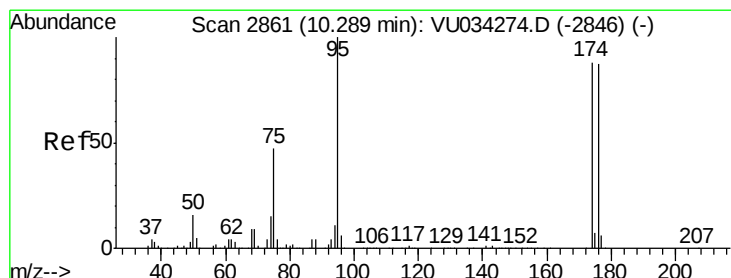
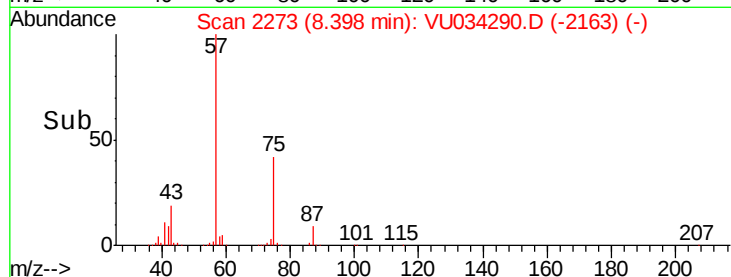
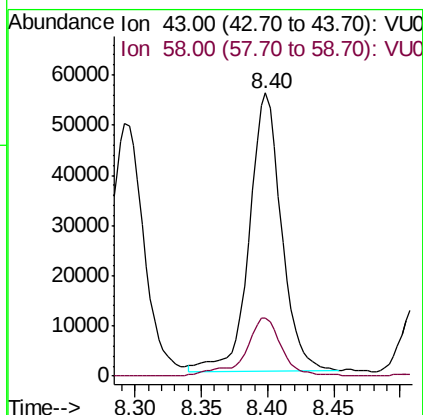
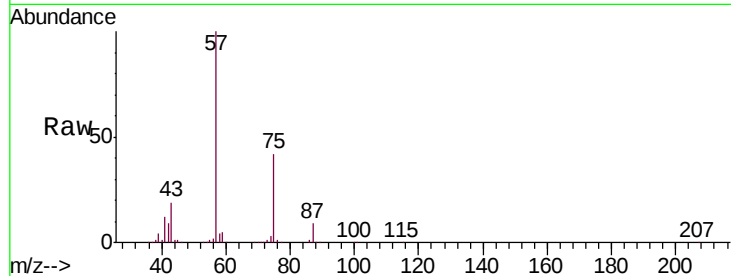




#59
2-Hexanone
Concen: 12.851 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.05 min
Lab File: VU034290.D
Acq: 05 Sep 2019 17:51

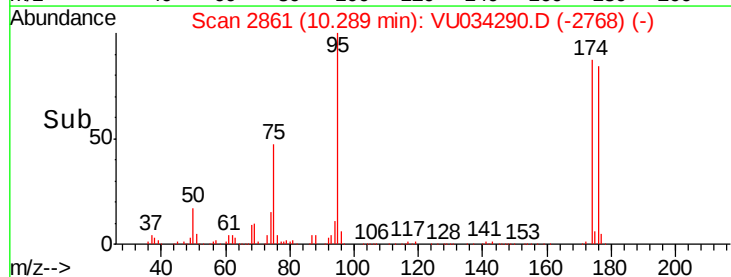
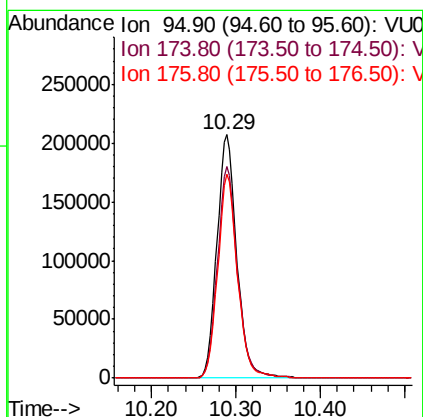
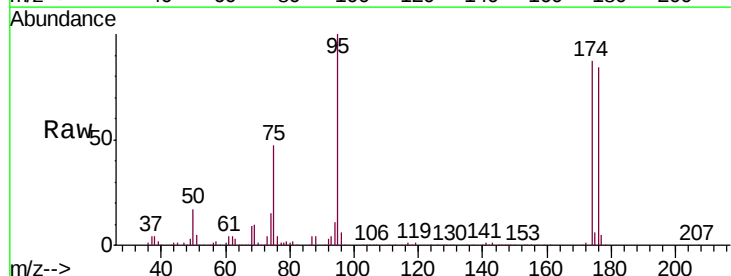
Instrument :
MSVOA_U
ClientSampleId :
PB122818TB

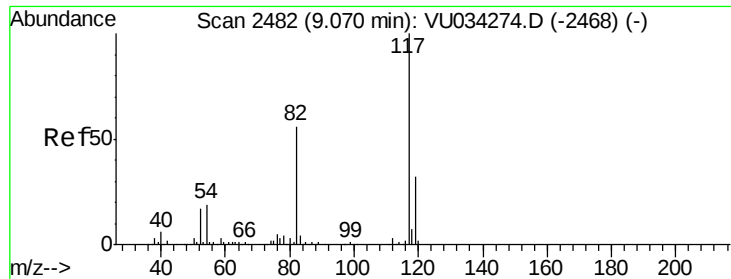
Tgt Ion: 43 Resp: 93133
Ion Ratio Lower Upper
43 100
58 24.1 28.8 86.5#



#62
4-Bromofluorobenzene
Concen: 36.008 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034290.D
Acq: 05 Sep 2019 17:51

Tgt Ion: 95 Resp: 340538
Ion Ratio Lower Upper
95 100
174 87.6 0.0 175.2
176 83.1 0.0 168.0

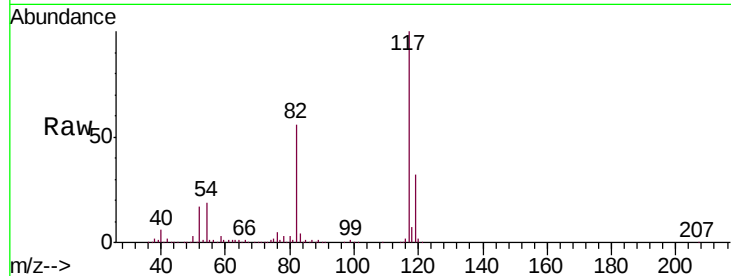




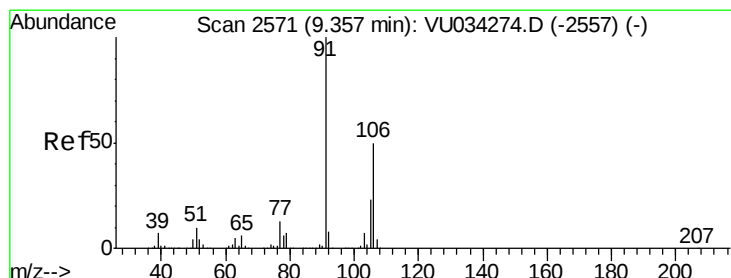
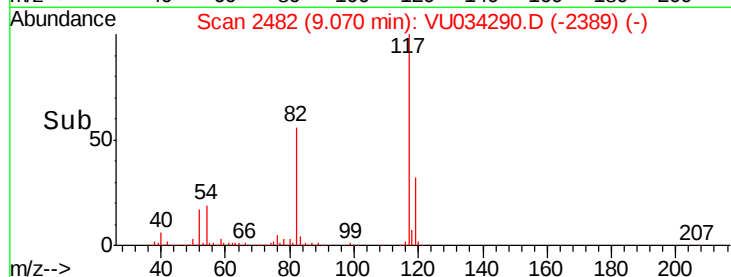
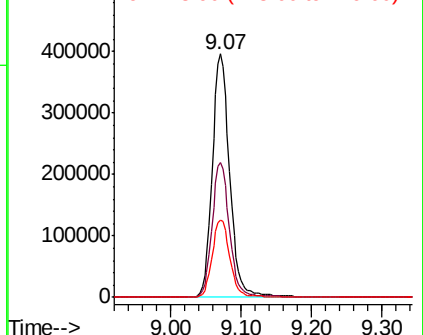
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034290.D
Acq: 05 Sep 2019 17:51

Instrument :
MSVOA_U
ClientSampleId :
PB122818TB

Tgt Ion:117 Resp: 678533
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 32.0 25.9 38.9

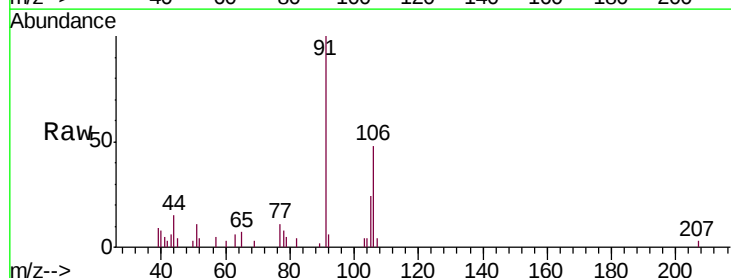


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU
Ion 118.90 (118.60 to 119.60): V

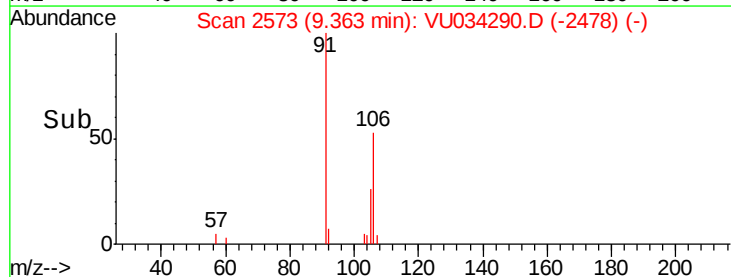
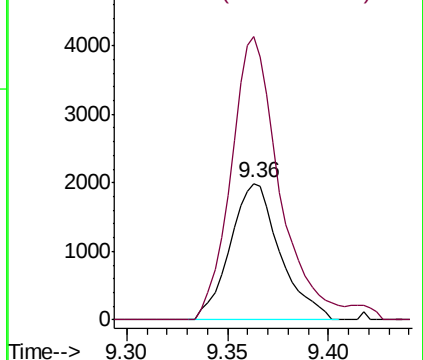


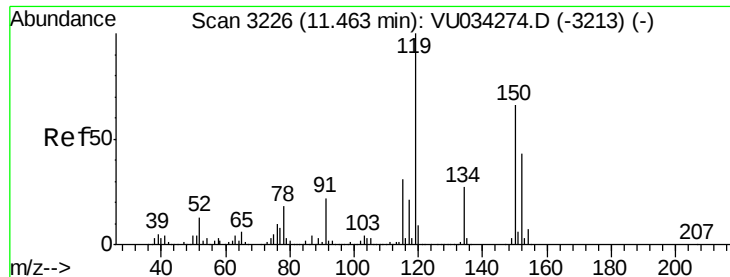
#68
m/p-Xylenes
Concen: 0.325 ug/l
RT: 9.36 min Scan# 2573
Delta R.T. 0.01 min
Lab File: VU034290.D
Acq: 05 Sep 2019 17:51

Tgt Ion:106 Resp: 3447
Ion Ratio Lower Upper
106 100
91 201.1 160.1 240.1



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: VU034290.D

Acq: 05 Sep 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

PB122818TB

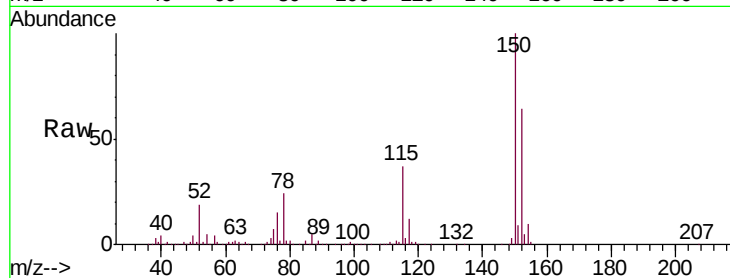
Tgt Ion:152 Resp: 326683

Ion Ratio Lower Upper

152 100

115 56.8 39.1 117.3

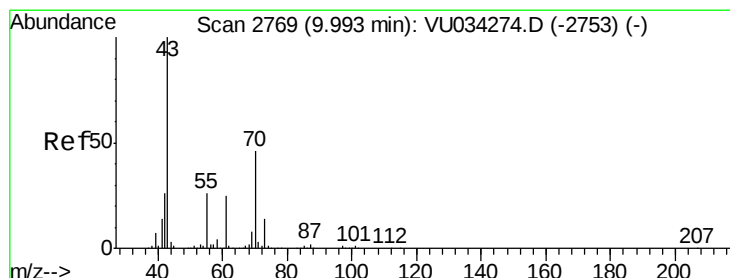
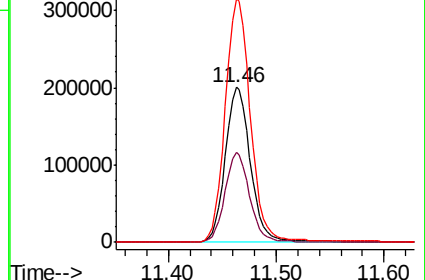
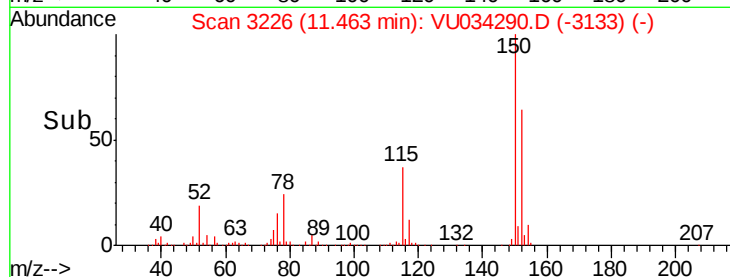
150 157.3 0.0 345.4



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: 0.207 ug/l

RT: 10.01 min Scan# 2774

Delta R.T. 0.02 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

Tgt Ion: 43 Resp: 1768

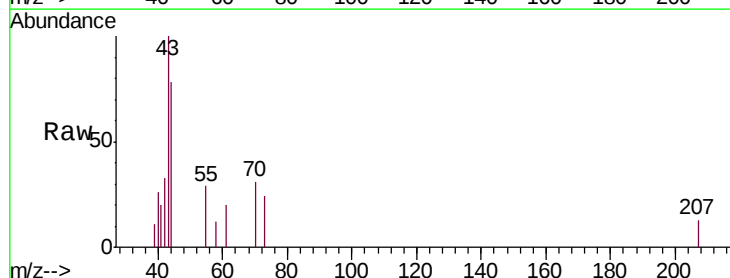
Ion Ratio Lower Upper

43 100

70 47.4 36.4 54.6

55 28.6 21.2 31.8

61 20.5 20.4 30.6

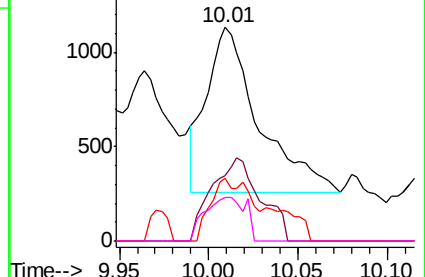
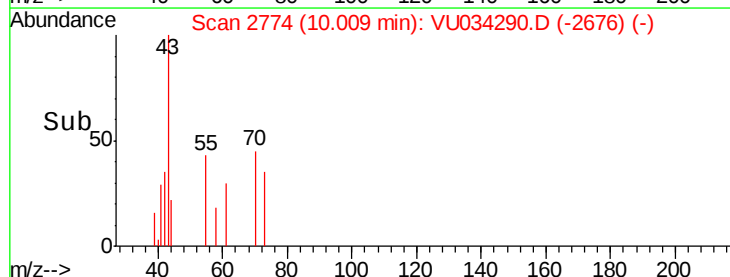


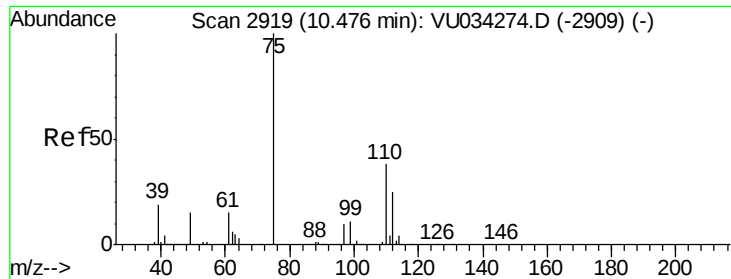
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#76

1,2,3-Trichloropropane

Concen: 22.672 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

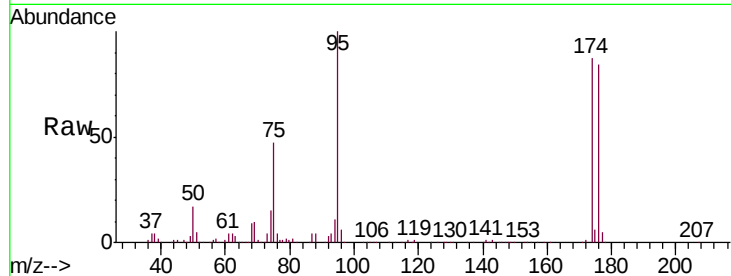
PB122818TB

Tgt Ion: 75 Resp: 161669

Ion Ratio Lower Upper

75 100

77 1.3 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VU034274.D (-2909) (-)

Ion 77.00 (76.70 to 77.70): VU034274.D (-2909) (-)

10.29

100000

80000

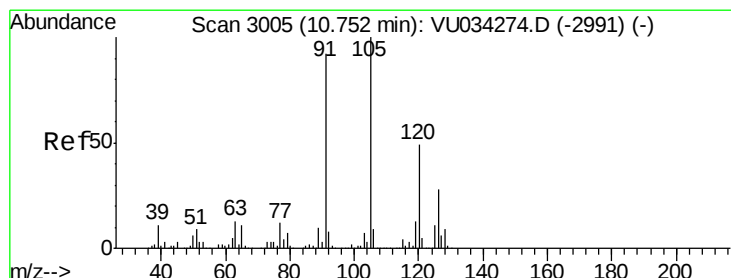
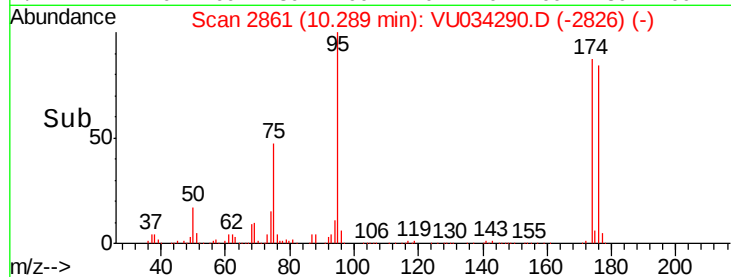
60000

40000

20000

0

Time--> 10.20 10.30 10.40



#80

1,3,5-Trimethylbenzene

Concen: 0.274 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU034290.D

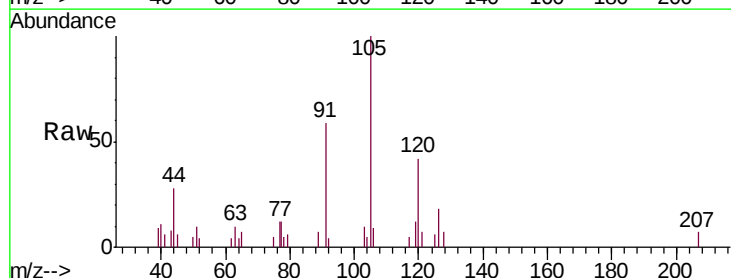
Acq: 05 Sep 2019 17:51

Tgt Ion: 105 Resp: 4863

Ion Ratio Lower Upper

105 100

120 47.8 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VU034274.D (-2991) (-)

Ion 120.00 (119.70 to 120.70): VU034274.D (-2991) (-)

10.76

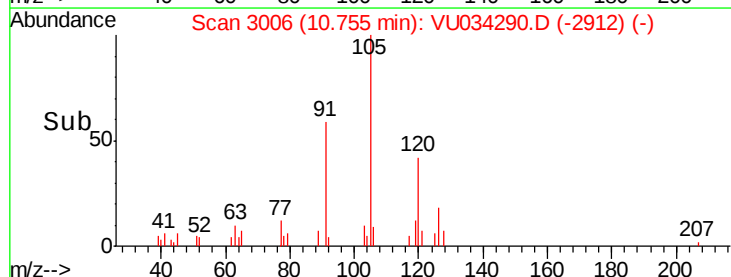
3000

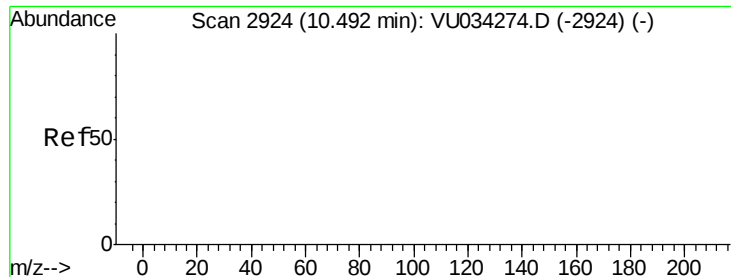
2000

1000

0

Time--> 10.70 10.75 10.80





#81

trans-1,4-Dichloro-2-butene

Concen: 76.243 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.20 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

PB122818TB

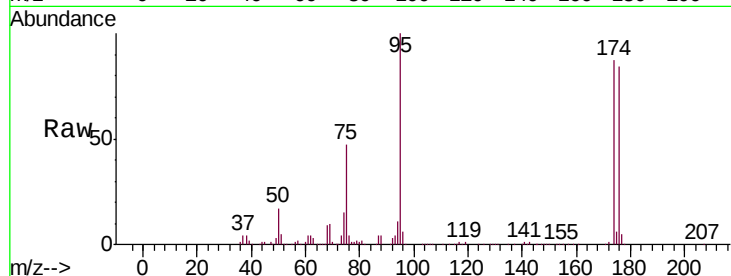
Tgt Ion: 75 Resp: 161669

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0#

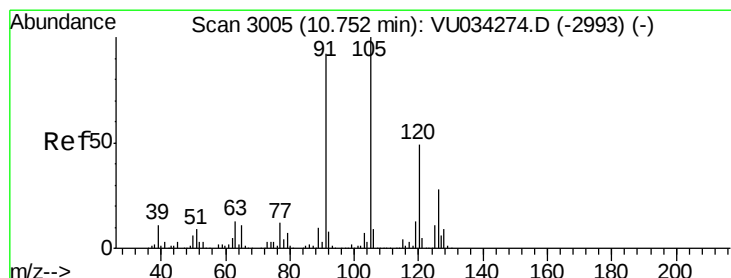
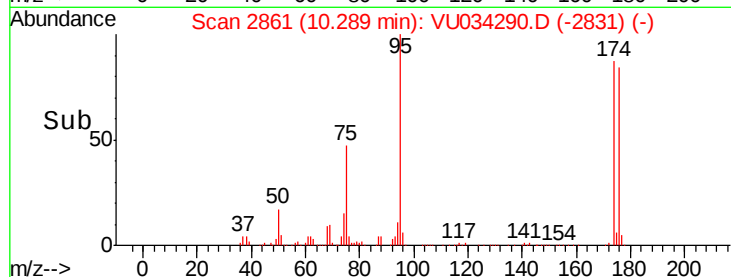
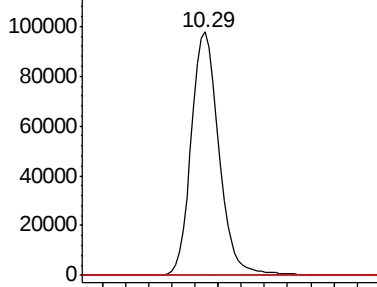
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU034290.D (-2861) (-)

Ion 53.00 (52.70 to 53.70): VU034290.D (-2861) (-)

Ion 88.90 (88.60 to 89.60): VU034290.D (-2861) (-)



#82

4-Chlorotoluene

Concen: 0.230 ug/l

RT: 10.76 min Scan# 3008

Delta R.T. 0.01 min

Lab File: VU034290.D

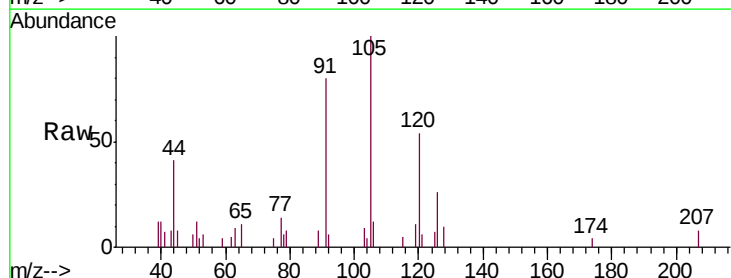
Acq: 05 Sep 2019 17:51

Tgt Ion: 91 Resp: 3961

Ion Ratio Lower Upper

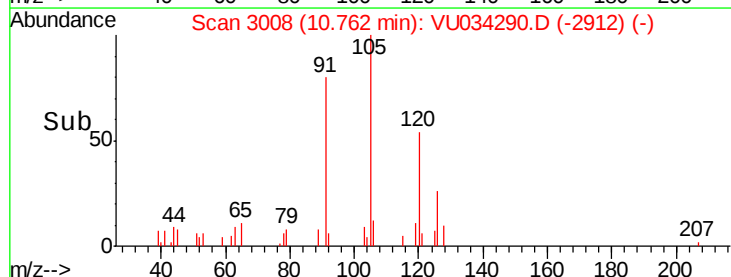
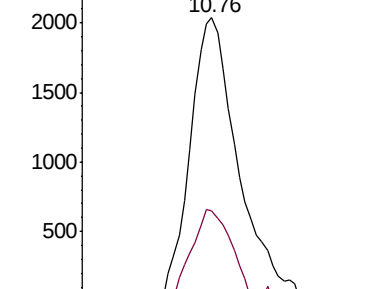
91 100

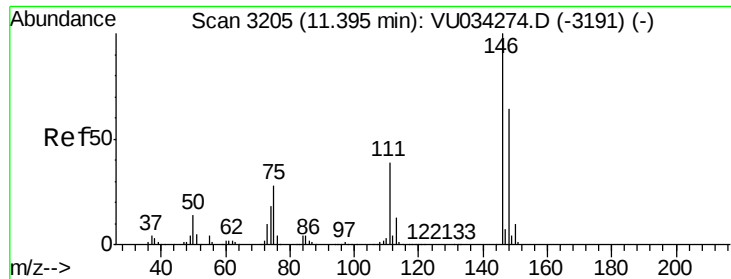
126 26.5 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VU034290.D (-2993) (-)

Ion 125.90 (125.60 to 126.60): VU034290.D (-2993) (-)





#87

1,3-Dichlorobenzene

Concen: 0.258 ug/l

RT: 11.40 min Scan# 3208

Delta R.T. 0.01 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

PB122818TB

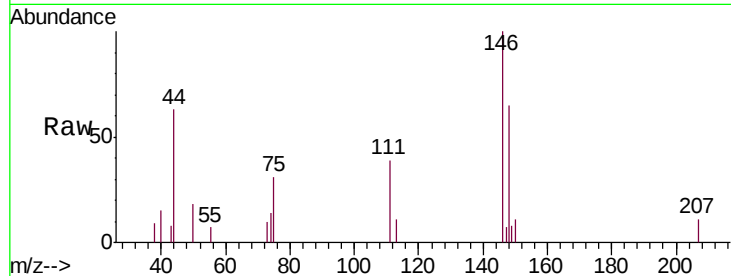
Tgt Ion:146 Resp: 2798

Ion Ratio Lower Upper

146 100

111 39.4 19.5 58.5

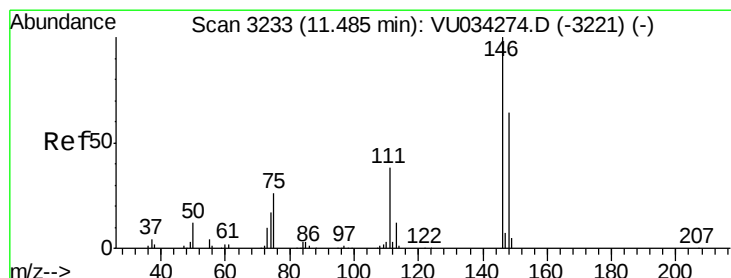
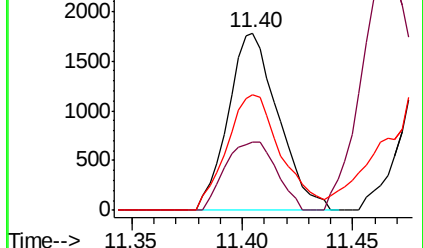
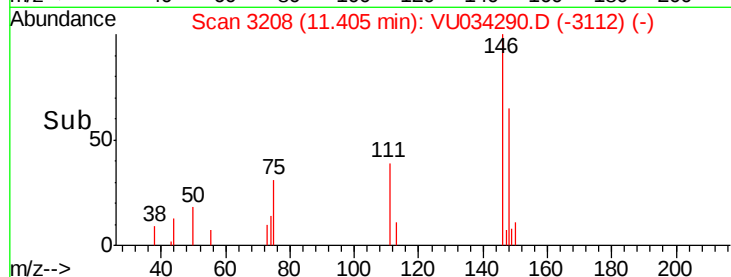
148 70.8 32.1 96.3



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: 0.247 ug/l

RT: 11.40 min Scan# 3208

Delta R.T. -0.08 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

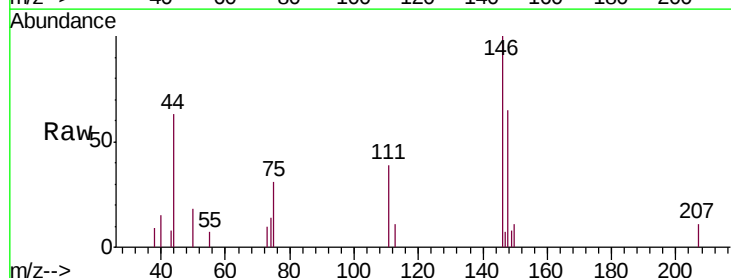
Tgt Ion:146 Resp: 2798

Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.3

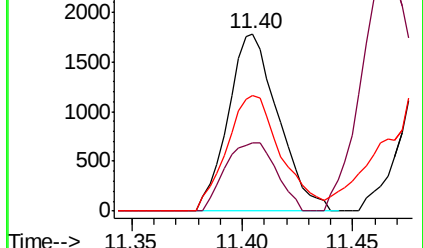
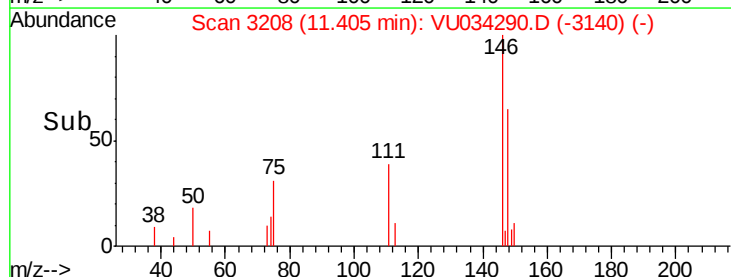
148 70.8 32.0 96.0

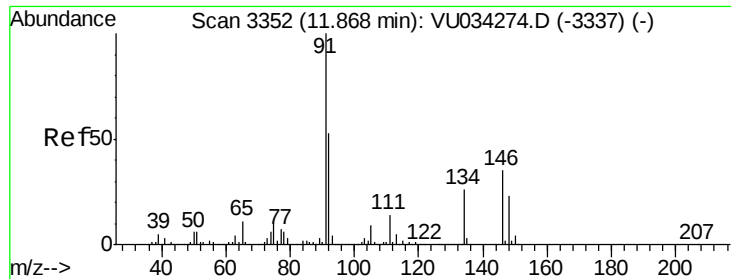


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.309 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.01 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

PB122818TB

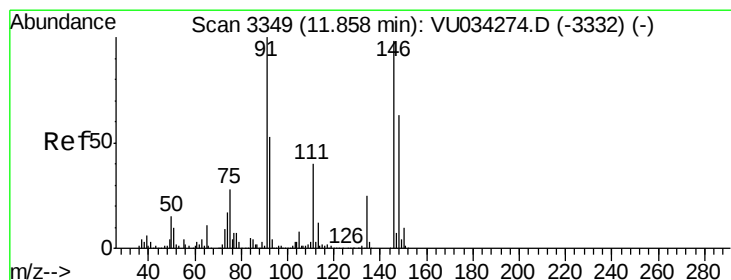
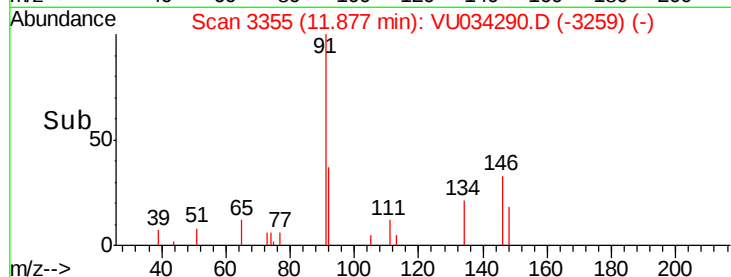
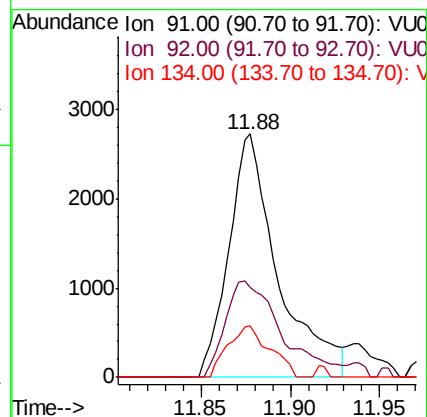
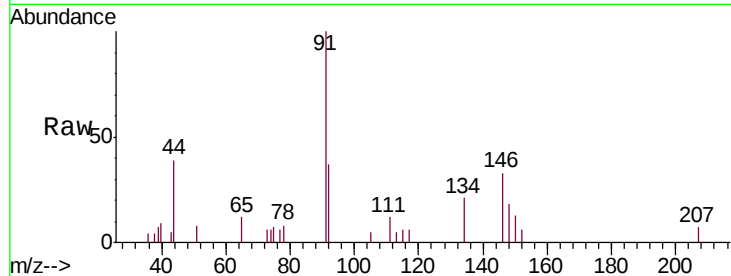
Tgt Ion: 91 Resp: 5209

Ion Ratio Lower Upper

91 100

92 46.1 26.5 79.4

134 18.0 13.2 39.6



#91

1,2-Dichlorobenzene

Concen: 0.247 ug/l

RT: 11.87 min Scan# 3352

Delta R.T. 0.01 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

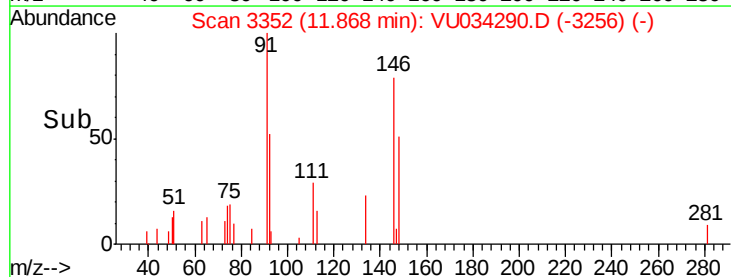
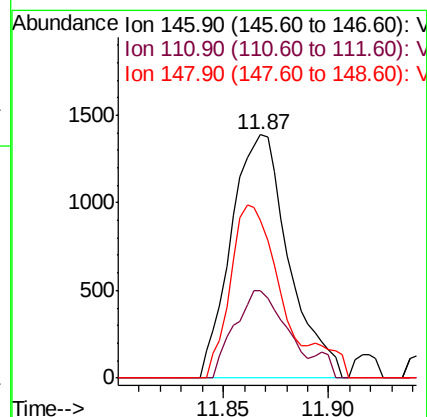
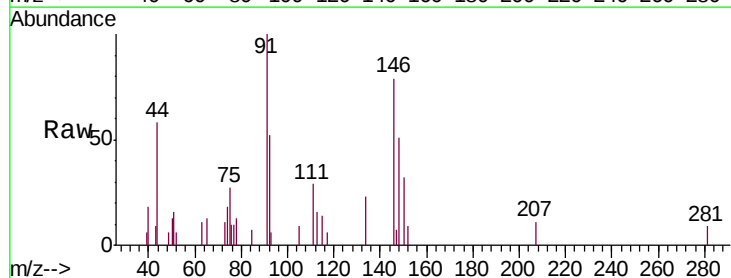
Tgt Ion: 146 Resp: 2632

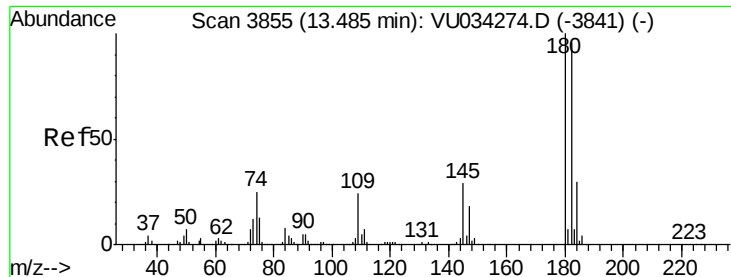
Ion Ratio Lower Upper

146 100

111 31.9 20.0 60.0

148 59.0 31.6 94.8





#93

1,2,4-Trichlorobenzene

Concen: 3.835 ug/l

RT: 13.52 min Scan# 3866

Delta R.T. 0.04 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

PB122818TB

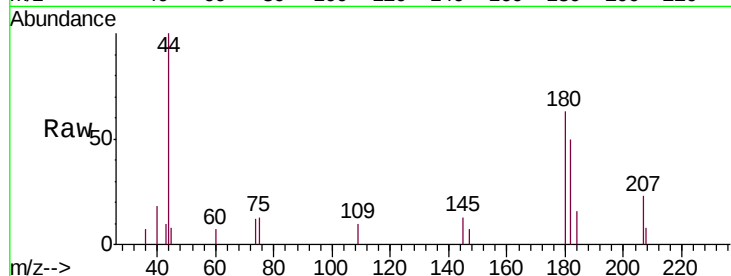
Tgt Ion:180 Resp: 3184

Ion Ratio Lower Upper

180 100

182 90.2 47.9 143.8

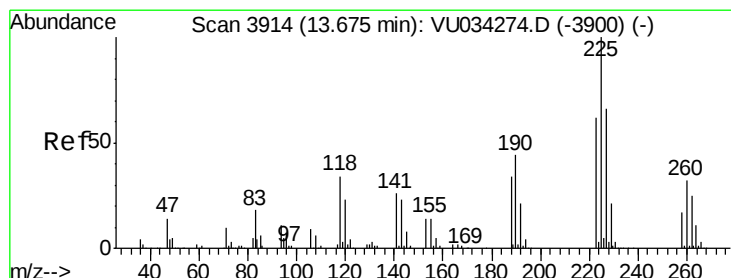
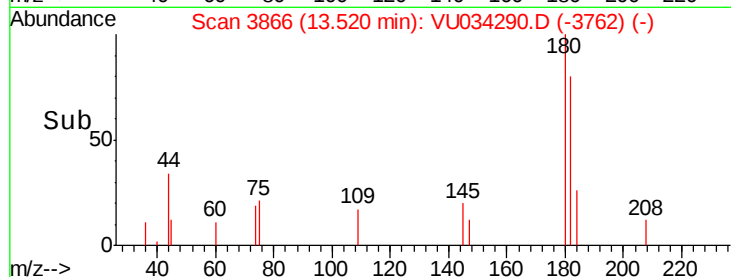
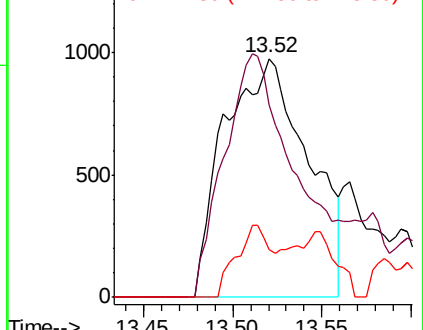
145 12.1 14.4 43.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.437 ug/l

RT: 13.67 min Scan# 3914

Delta R.T. -0.00 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

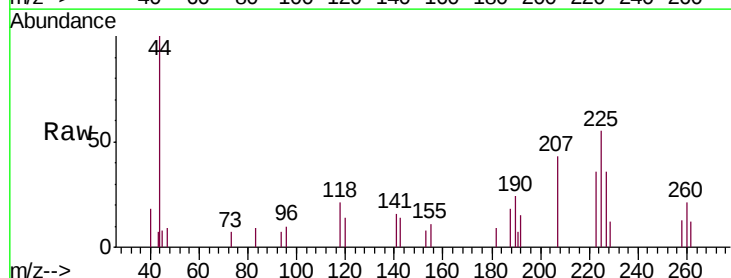
Tgt Ion:225 Resp: 1630

Ion Ratio Lower Upper

225 100

223 68.9 31.6 94.7

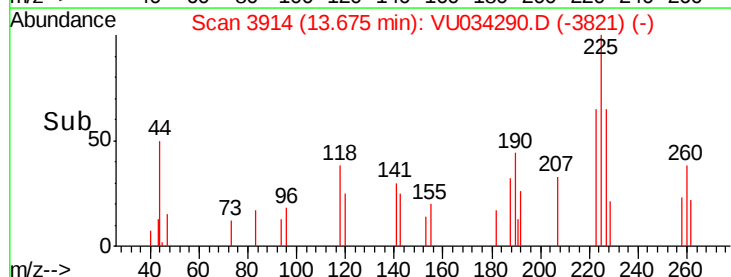
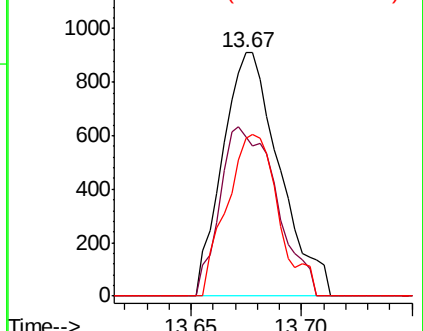
227 60.4 32.3 96.8

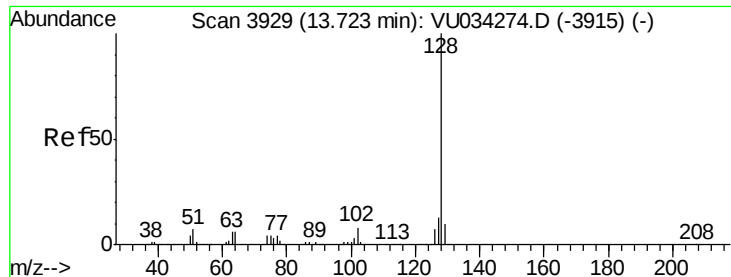


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.563 ug/l

RT: 13.75 min Scan# 3936

Delta R.T. 0.02 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

PB122818TB

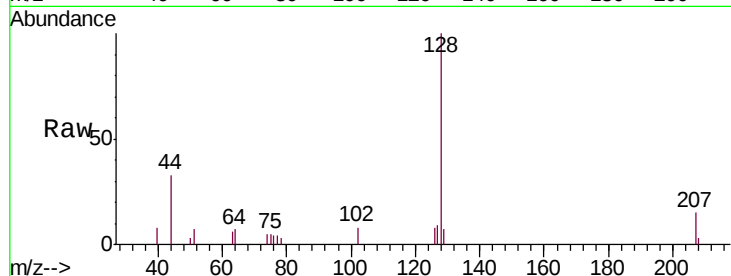
Tgt Ion:128 Resp: 14113

Ion Ratio Lower Upper

128 100

127 3.4 10.6 15.8#

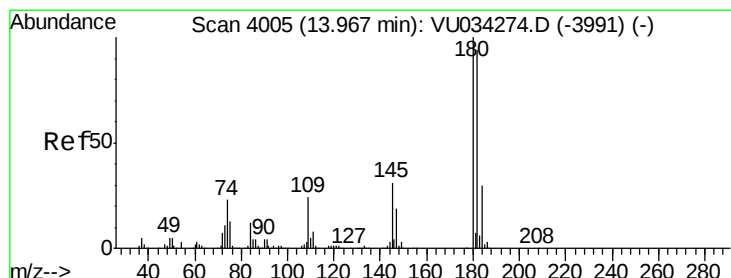
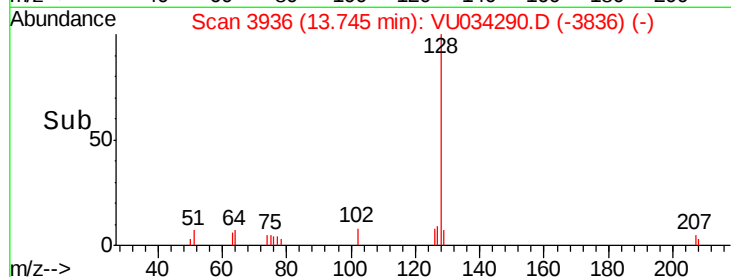
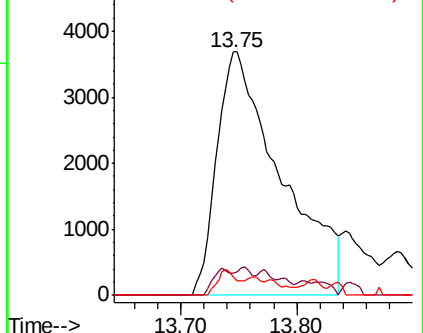
129 3.2 8.4 12.6#



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: 3.119 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. 0.02 min

Lab File: VU034290.D

Acq: 05 Sep 2019 17:51

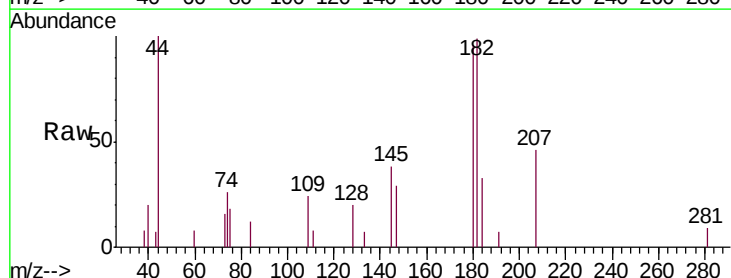
Tgt Ion:180 Resp: 3787

Ion Ratio Lower Upper

180 100

182 92.1 48.4 145.0

145 29.9 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

