

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090519\
 Data File : VU034248.D
 Acq On : 04 Sep 2019 11:28
 Operator : JC/SP
 Sample : K4546-36
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B2-(2.5)

Quant Time: Sep 05 03:36:14 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	425729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	681643	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	674564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	322311	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	259421	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
35) Dibromofluoromethane	4.86	113	224449	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
50) Toluene-d8	7.55	98	889540	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	10.29	95	308154	44.75	ug/l	0.00
Spiked Amount			Recovery	=	89.50%	

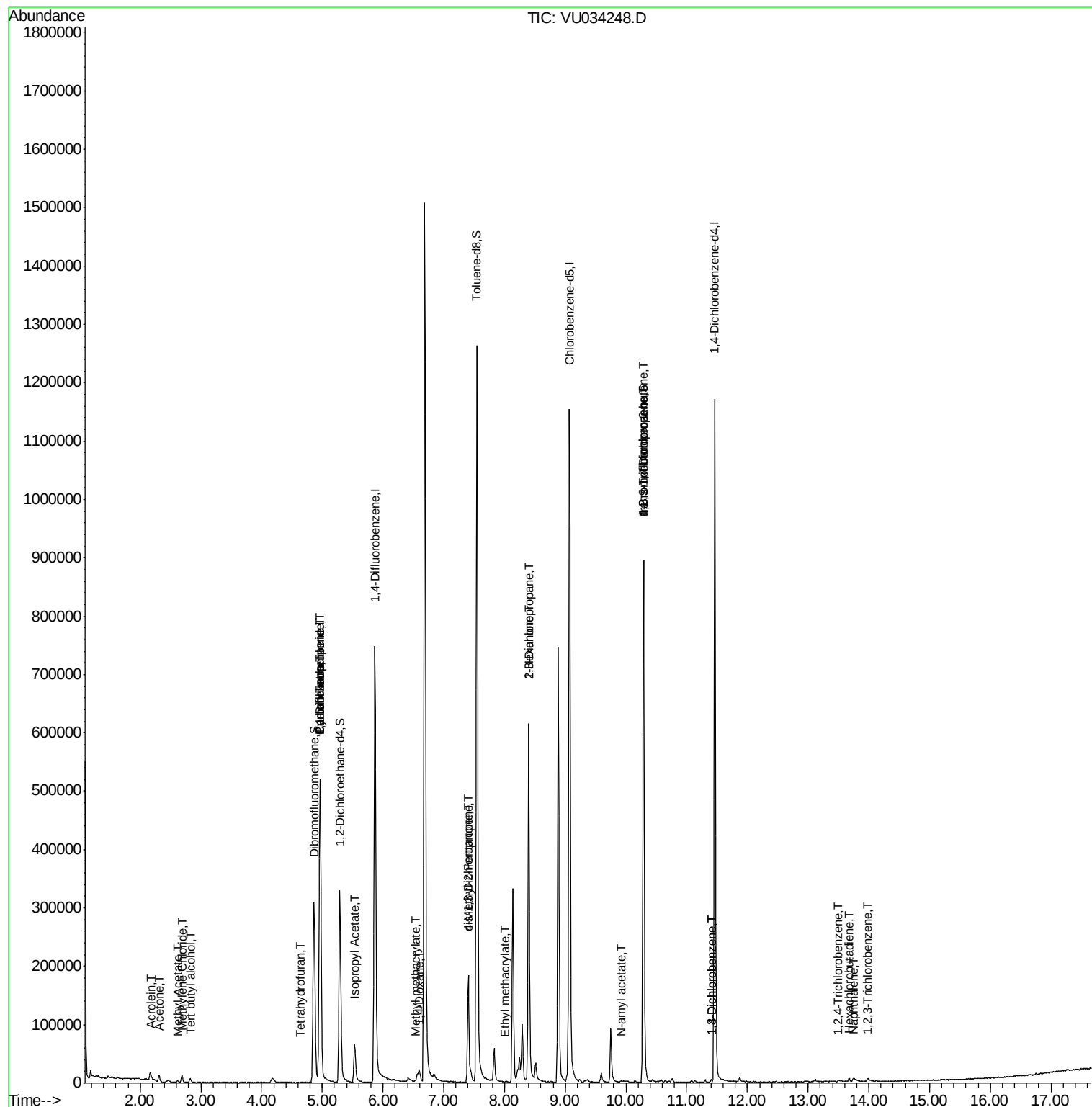
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	635	Below Cal	#	72
5) Bromomethane	1.58	94	218	Below Cal	#	2
11) Tert butyl alcohol	2.84	59	4088	3.250	ug/l #	73
13) Acrolein	2.18	56	122	0.231	ug/l #	1
16) Acetone	2.31	43	12168	4.372	ug/l	99
18) Methyl Acetate	2.62	43	3425	0.476	ug/l	93
20) Methylene Chloride	2.69	84	5435	1.031	ug/l	95
29) Tetrahydrofuran	4.66	42	696	0.291	ug/l #	65
31) Cyclohexane	4.96	56	7589	0.932	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	30591	4.745	ug/l #	49
38) Carbon Tetrachloride	4.96	117	37968	6.101	ug/l #	15
43) Isopropyl Acetate	5.53	43	80209	7.302	ug/l	97
48) Methyl methacrylate	6.53	41	4063	0.767	ug/l #	14
49) 1,4-Dioxane	6.60	88	132	0.994	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	63898	8.423	ug/l #	47
54) cis-1,3-Dichloropropene	7.40	75	34760	4.236	ug/l #	63
56) Ethyl methacrylate	8.02	69	619	1.044	ug/l #	27
57) 1,3-Dichloropropane	8.40	76	5873	0.680	ug/l #	42
59) 2-Hexanone	8.40	43	85646	14.956	ug/l #	55
74) N-amyl acetate	9.92	43	1847	0.203	ug/l #	42
76) 1,2,3-Trichloropropane	10.29	75	144979	19.958	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	144979	67.202	ug/l #	100
87) 1,3-Dichlorobenzene	11.41	146	2137	0.207	ug/l	96
88) 1,4-Dichlorobenzene	11.41	146	2137	0.205	ug/l	95
93) 1,2,4-Trichlorobenzene	13.50	180	2167	1.416	ug/l #	63
94) Hexachlorobutadiene	13.67	225	1427	0.369	ug/l	87
95) Naphthalene	13.74	128	12168	2.373	ug/l #	78
96) 1,2,3-Trichlorobenzene	13.98	180	3363	0.532	ug/l #	79

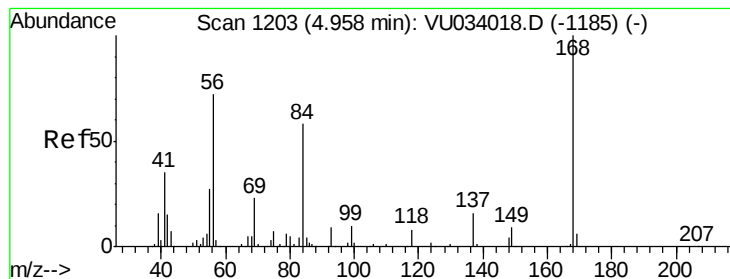
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

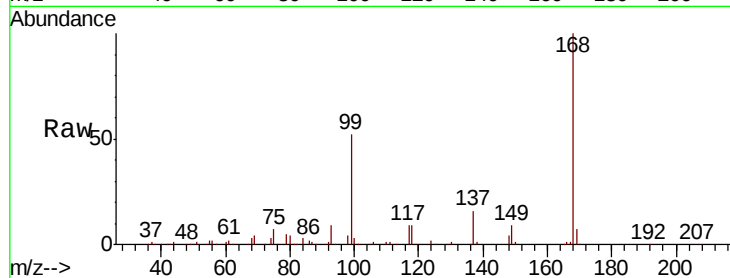
T3-S-B2-(2.5)

Tgt Ion:168 Resp: 425729

Ion Ratio Lower Upper

168 100

99 52.1 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

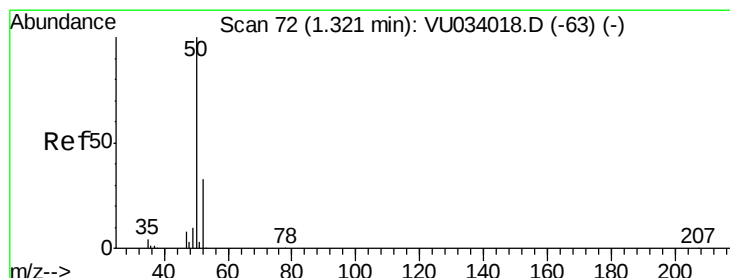
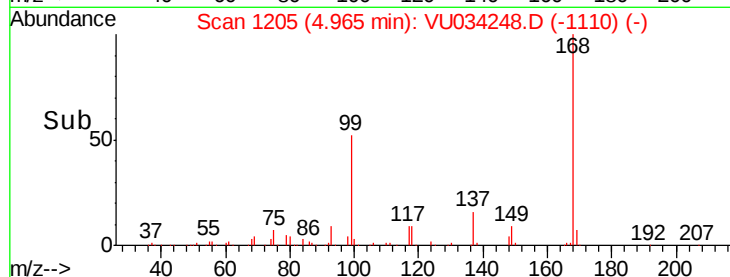
100000

50000

0

4.85 4.90 4.95 5.00 5.05

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU034248.D

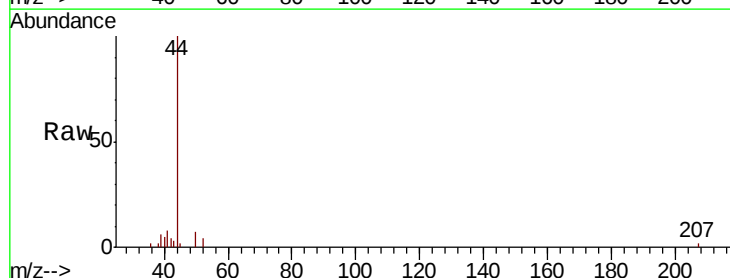
Acq: 04 Sep 2019 11:28

Tgt Ion: 50 Resp: 635

Ion Ratio Lower Upper

50 100

52 48.7 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) (-)

1.32

600

500

400

300

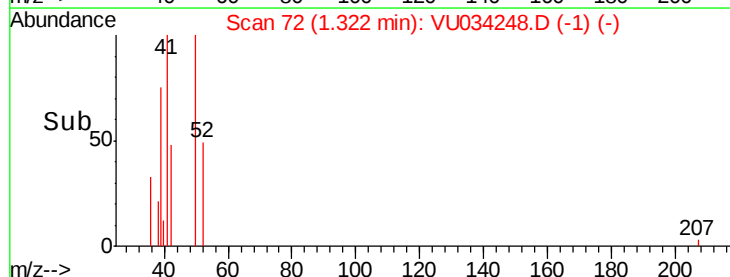
200

100

0

1.30 1.32 1.34

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.58 min Scan# 153

Delta R.T. -0.02 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

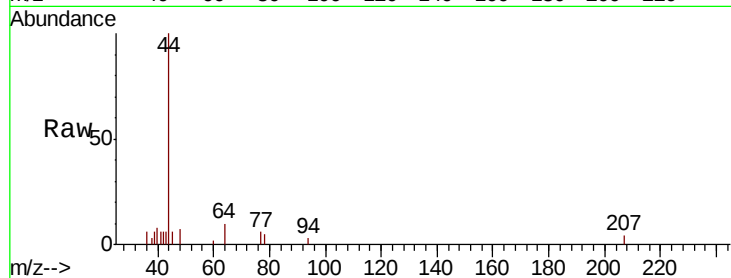
T3-S-B2-(2.5)

Tgt Ion: 94 Resp: 218

Ion Ratio Lower Upper

94 100

96 0.0 76.3 114.5#



Abundance Ion 93.90 (93.60 to 94.60): VU034018.D (-143) (-)

Ion 95.90 (95.60 to 96.60): VU034018.D (-143) (-)

300

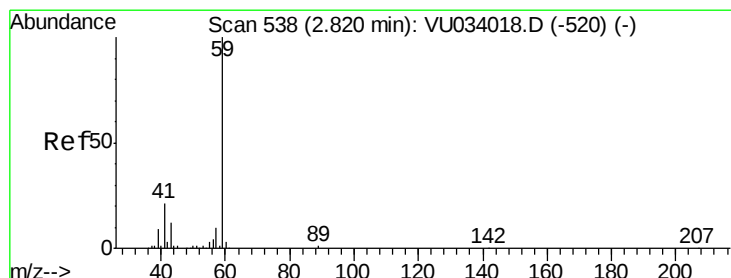
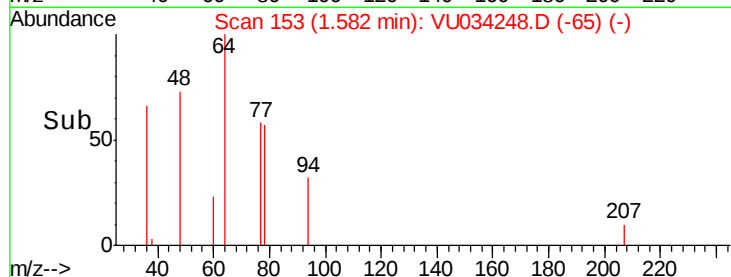
200

100

0

1.56 1.58 1.60

Time-->



#11

Tert butyl alcohol

Concen: 3.250 ug/l

RT: 2.84 min Scan# 543

Delta R.T. 0.02 min

Lab File: VU034248.D

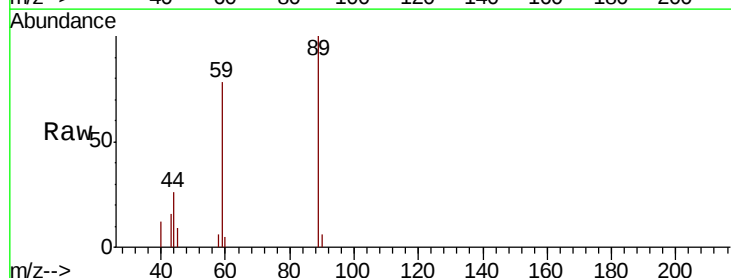
Acq: 04 Sep 2019 11:28

Tgt Ion: 59 Resp: 4088

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU034018.D (-520) (-)

Ion 57.00 (56.70 to 57.70): VU034018.D (-520) (-)

2000

1500

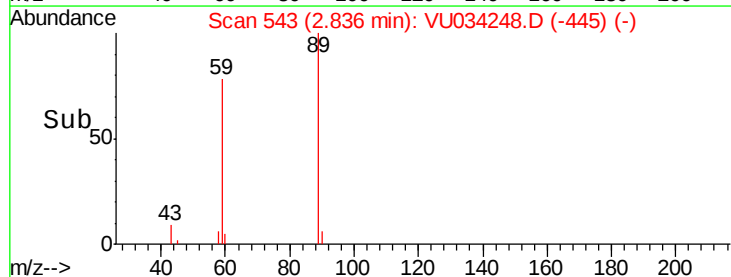
1000

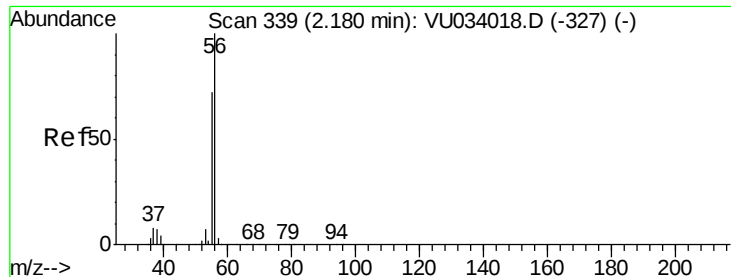
500

0

2.75 2.80 2.85

Time-->





#13

Acrolein

Concen: 0.231 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

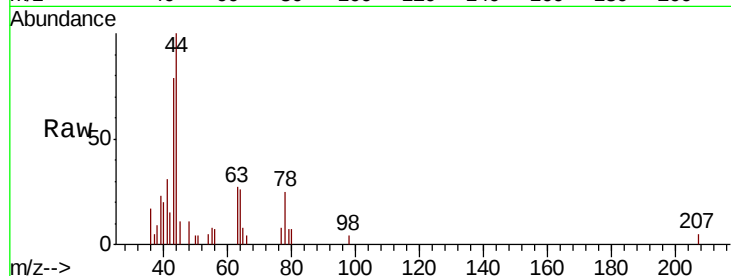
T3-S-B2-(2.5)

Tgt Ion: 56 Resp: 122

Ion Ratio Lower Upper

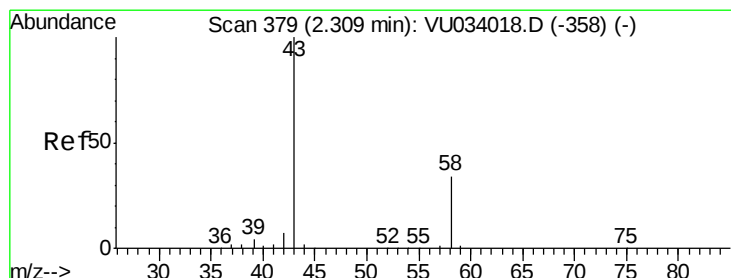
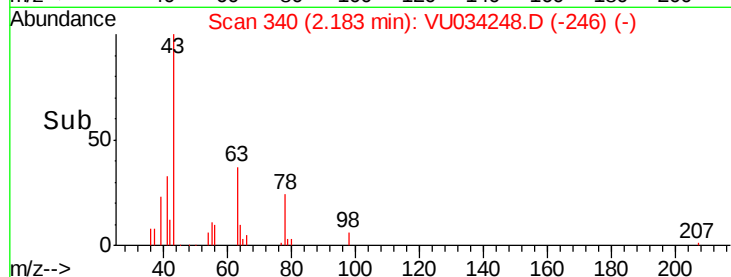
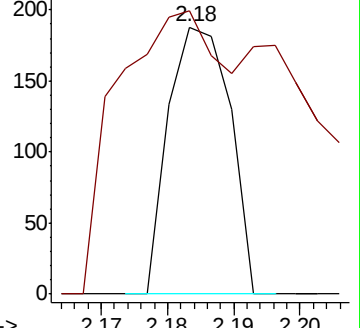
56 100

55 186.9 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VU034248.D (-340) (-)

Ion 55.00 (54.70 to 55.70): VU034248.D (-340) (-)



#16

Acetone

Concen: 4.372 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034248.D

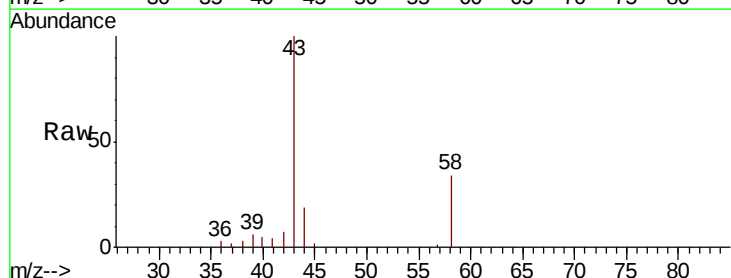
Acq: 04 Sep 2019 11:28

Tgt Ion: 43 Resp: 12168

Ion Ratio Lower Upper

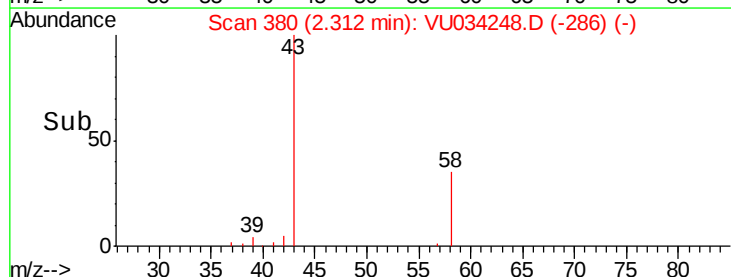
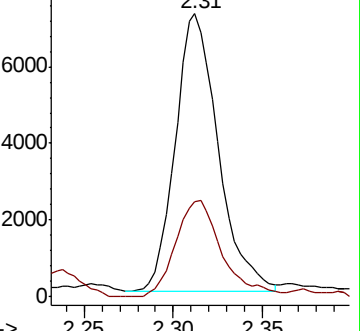
43 100

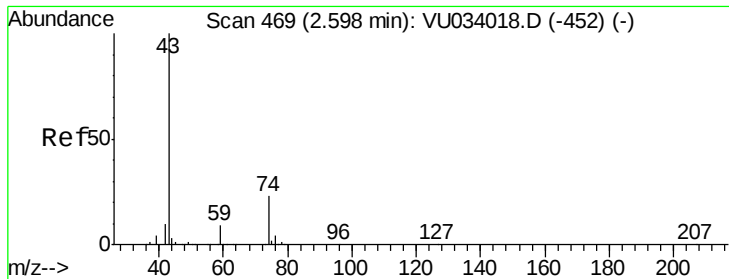
58 34.3 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034248.D (-380) (-)

Ion 58.00 (57.70 to 58.70): VU034248.D (-380) (-)

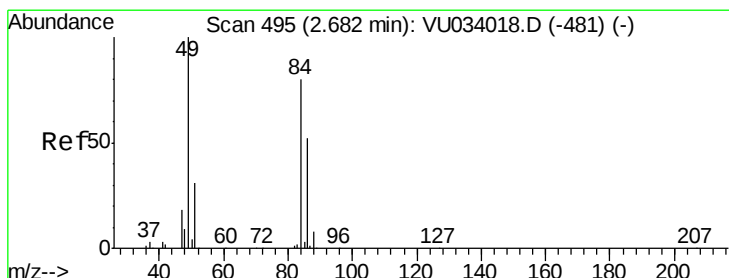
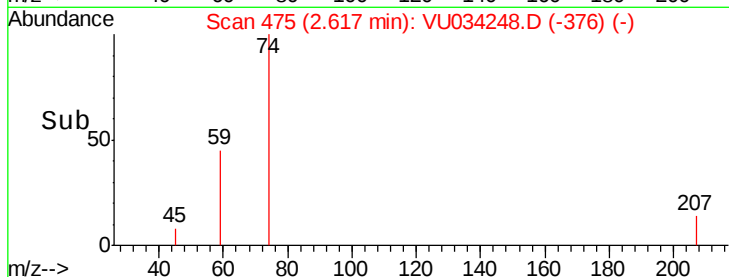
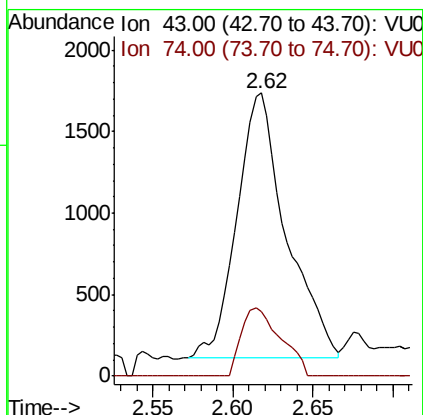
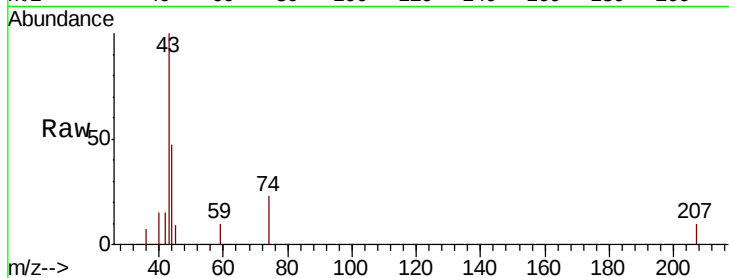




#18
Methyl Acetate
Concen: 0.476 ug/l
RT: 2.62 min Scan# 475
Delta R.T. 0.02 min
Lab File: VU034248.D
Acq: 04 Sep 2019 11:28

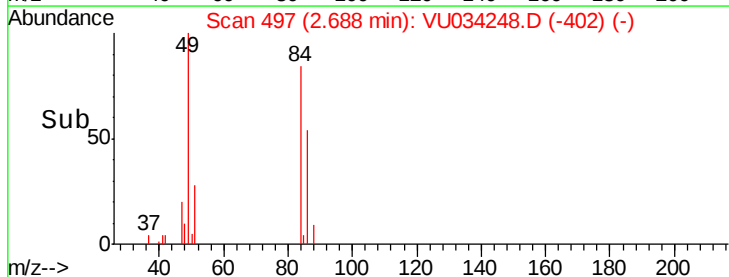
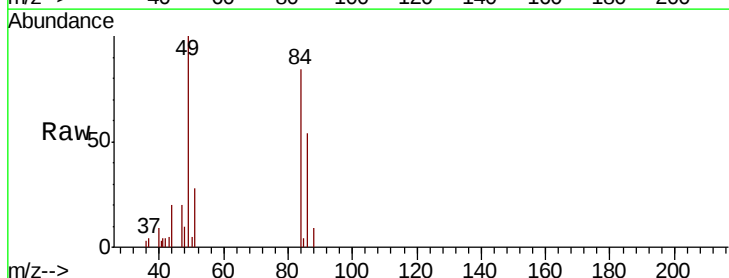
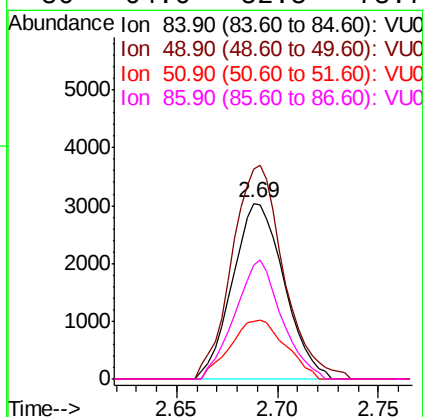
Instrument :
MSVOA_U
ClientSampleId :
T3-S-B2-(2.5)

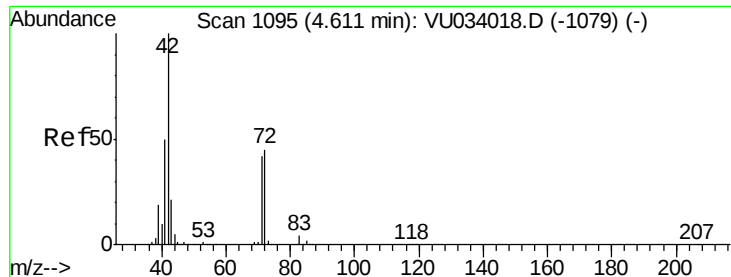
Tgt Ion: 43 Resp: 3425
Ion Ratio Lower Upper
43 100
74 20.4 19.2 28.8



#20
Methylene Chloride
Concen: 1.031 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034248.D
Acq: 04 Sep 2019 11:28

Tgt Ion: 84 Resp: 5435
Ion Ratio Lower Upper
84 100
49 119.5 100.2 150.4
51 33.1 30.8 46.2
86 64.6 52.5 78.7





#29

Tetrahydrofuran

Concen: 0.291 ug/l

RT: 4.66 min Scan# 1109

Delta R.T. 0.05 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

T3-S-B2-(2.5)

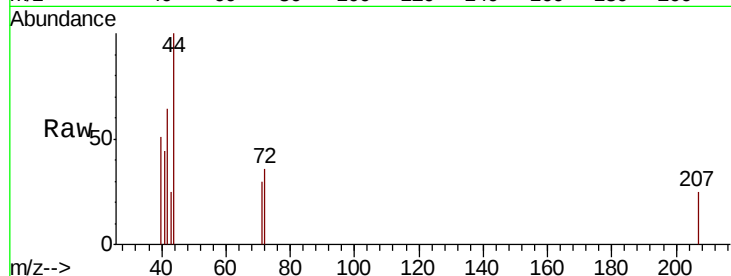
Tgt Ion: 42 Resp: 696

Ion Ratio Lower Upper

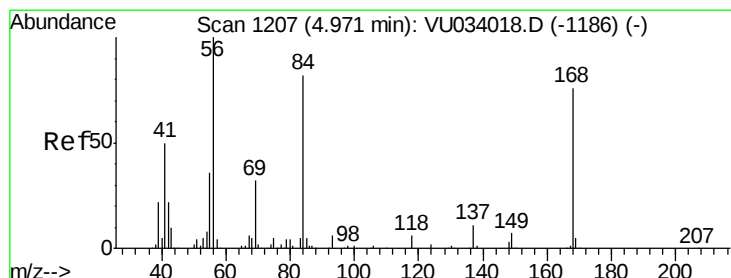
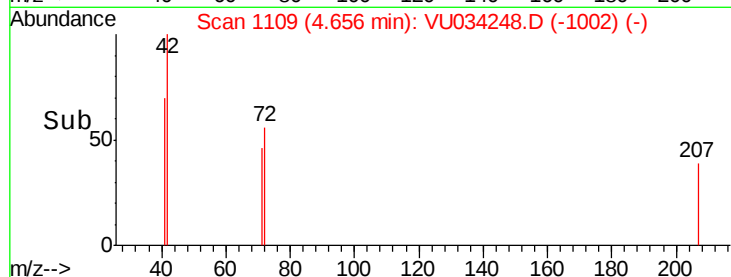
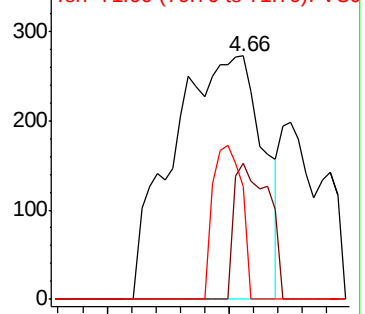
42 100

72 21.4 35.8 53.6#

71 20.7 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VU034248.D (-1109) (-)



#31

Cyclohexane

Concen: 0.932 ug/l

RT: 4.96 min Scan# 1203

Delta R.T. -0.01 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

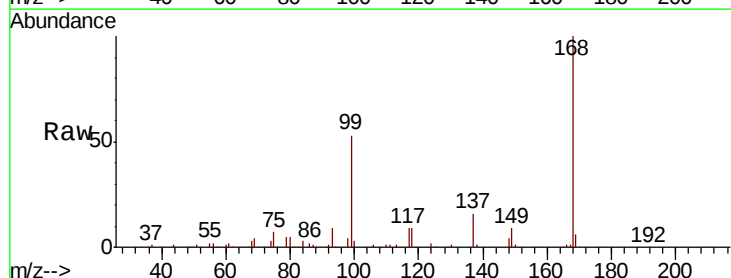
Tgt Ion: 56 Resp: 7589

Ion Ratio Lower Upper

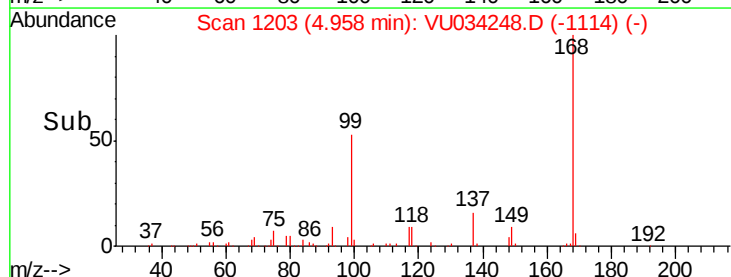
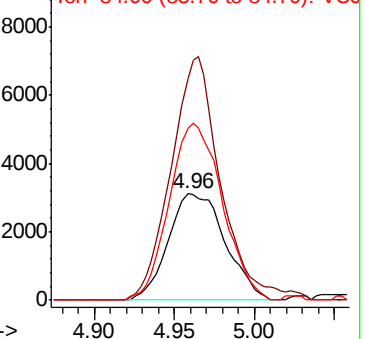
56 100

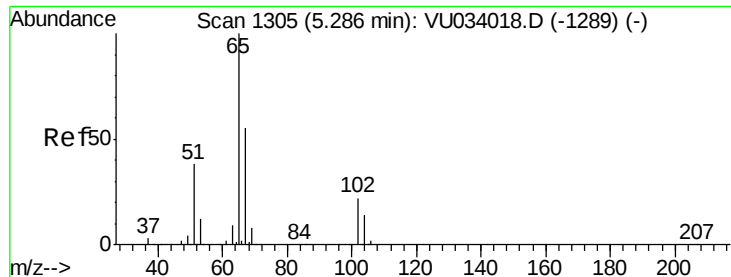
69 209.3 25.4 38.0#

84 162.3 65.8 98.8#



Abundance Ion 56.00 (55.70 to 56.70): VU034248.D (-1203) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.556 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

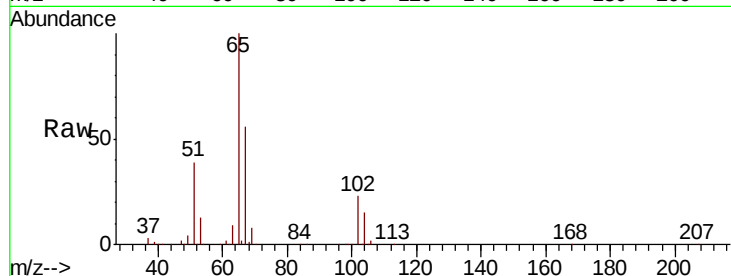
T3-S-B2-(2.5)

Tgt Ion: 65 Resp: 259421

Ion Ratio Lower Upper

65 100

67 55.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034018.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034018.D (-1289) (-)

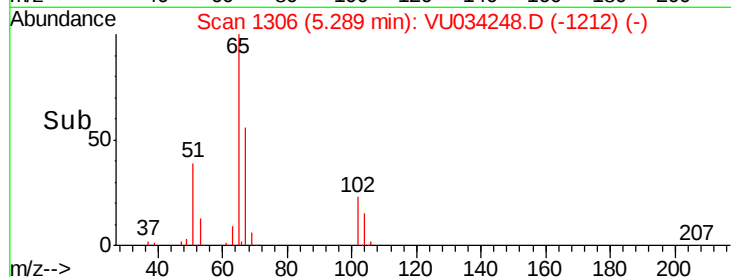
5.29

100000

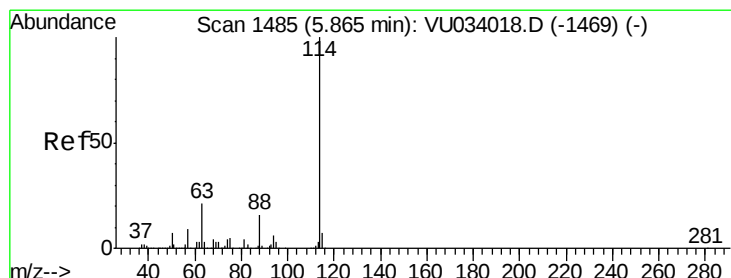
50000

0

Time-->



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

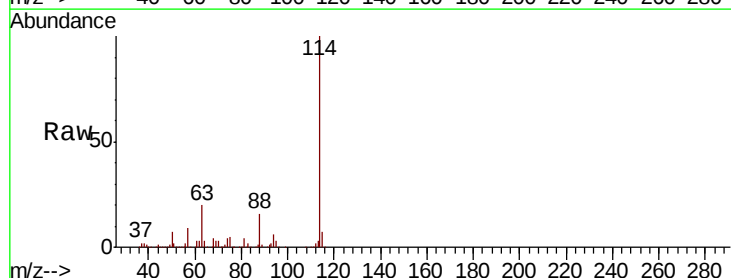
Tgt Ion: 114 Resp: 681643

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.0

88 15.7 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU034018.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034018.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034018.D (-1469) (-)

5.87

400000

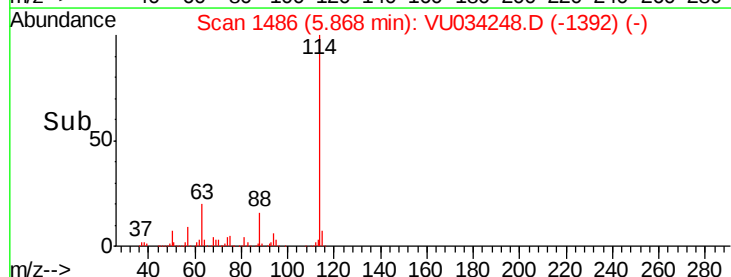
300000

200000

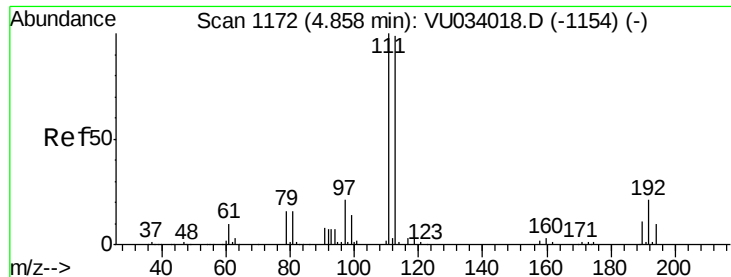
100000

0

Time-->



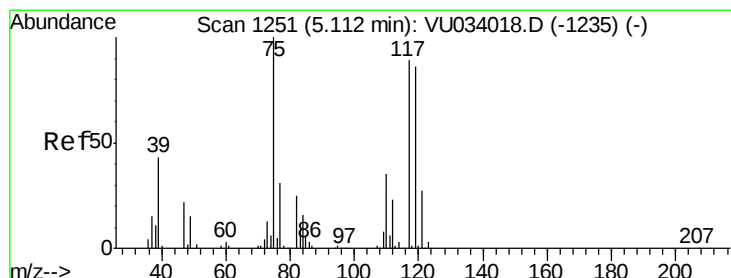
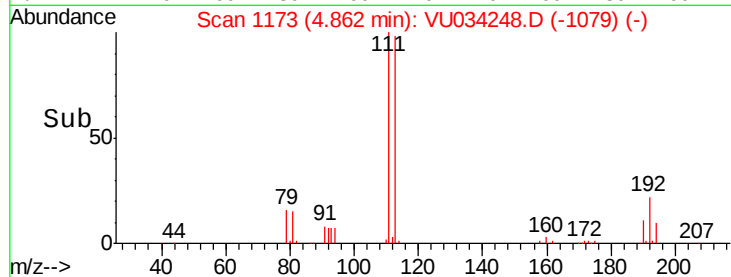
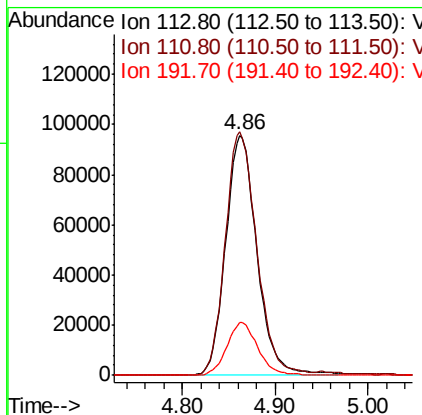
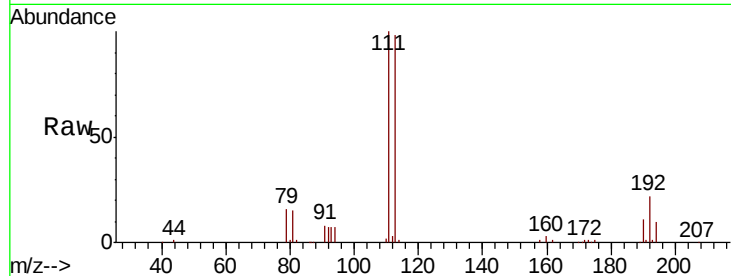
Time-->



#35
 Dibromofluoromethane
 Concen: 47.474 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034248.D
 Acq: 04 Sep 2019 11:28

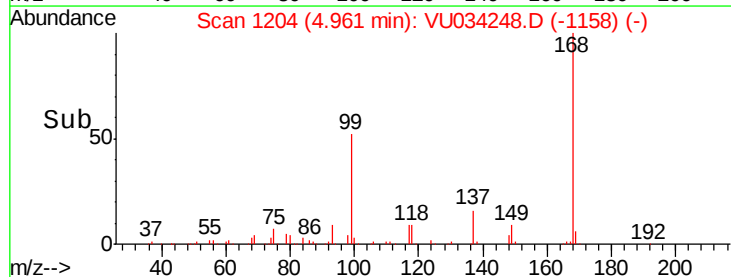
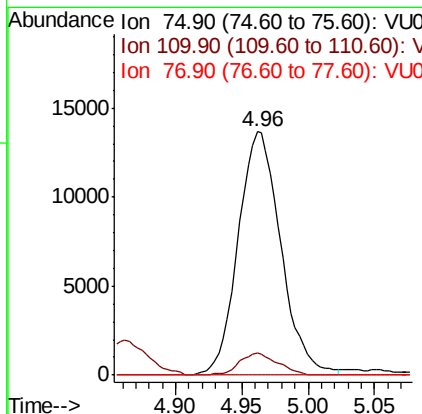
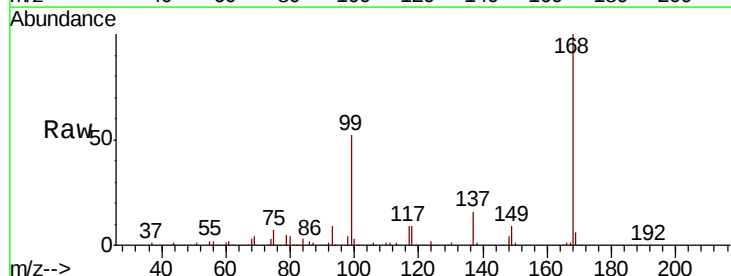
Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B2-(2.5)

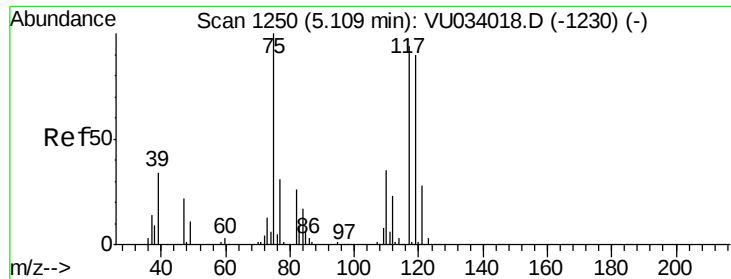
Tgt Ion: 113 Resp: 224449
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 22.0 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.745 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034248.D
 Acq: 04 Sep 2019 11:28

Tgt Ion: 75 Resp: 30591
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.8 53.5#
 77 0.0 25.0 37.4#

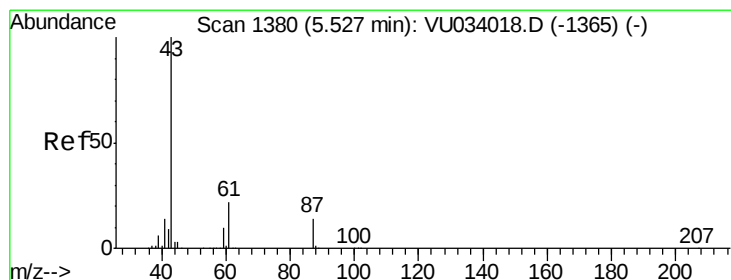
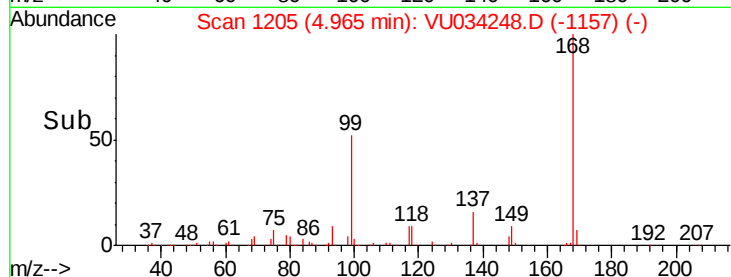
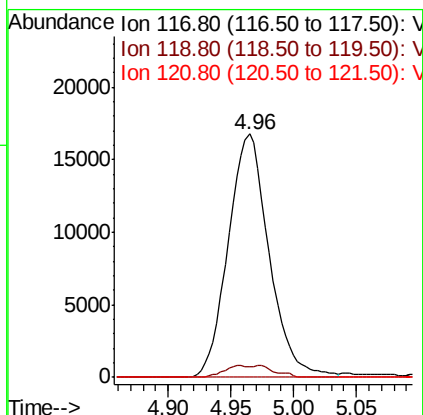
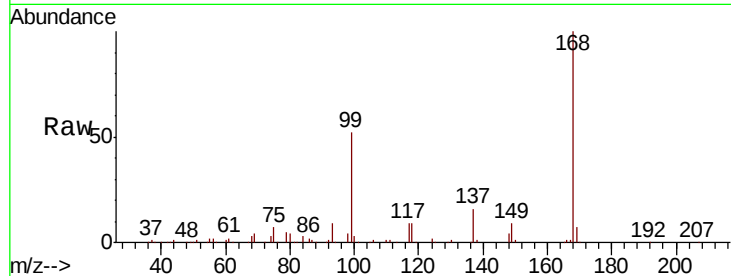




#38
Carbon Tetrachloride
Concen: 6.101 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.14 min
Lab File: VU034248.D
Acq: 04 Sep 2019 11:28

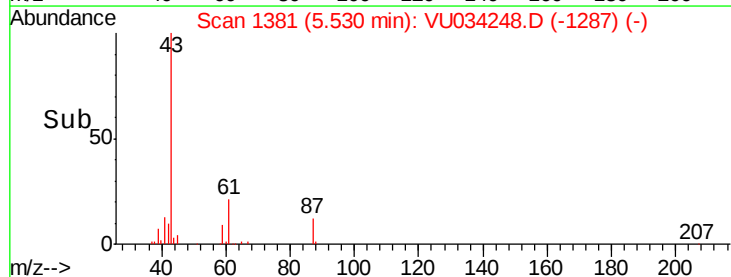
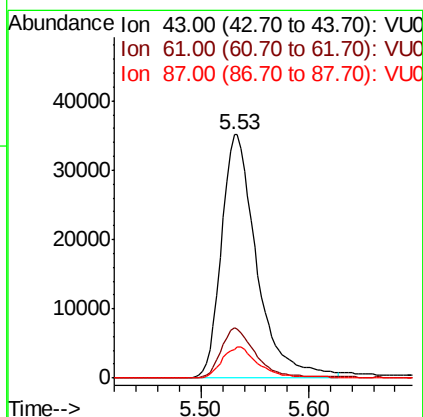
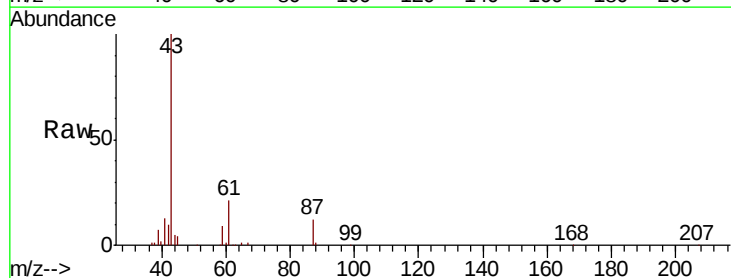
Instrument :
MSVOA_U
ClientSampleId :
T3-S-B2-(2.5)

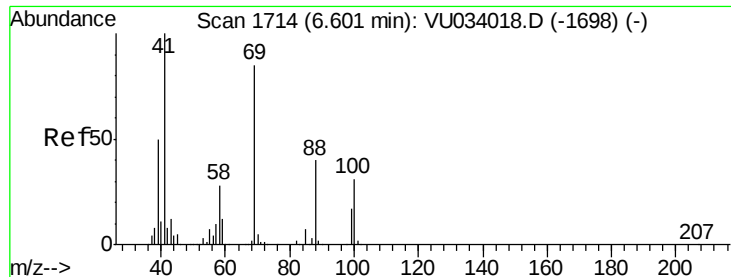
Tgt Ion:117 Resp: 37968
Ion Ratio Lower Upper
117 100
119 4.4 77.0 115.4#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 7.302 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034248.D
Acq: 04 Sep 2019 11:28

Tgt Ion: 43 Resp: 80209
Ion Ratio Lower Upper
43 100
61 19.7 17.2 25.8
87 13.1 10.8 16.2

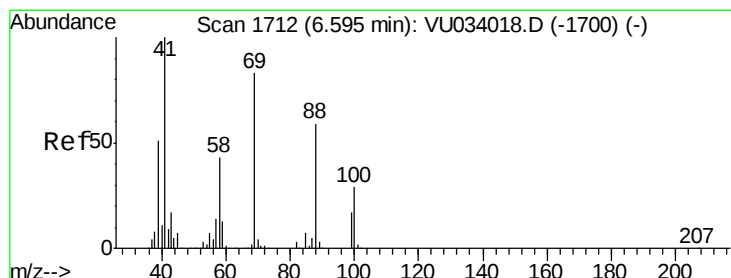
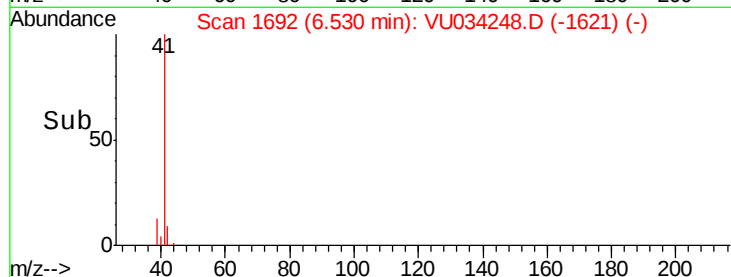
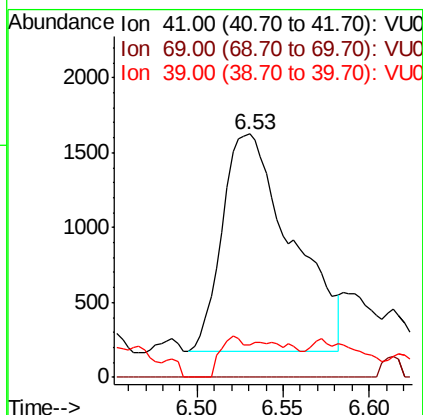
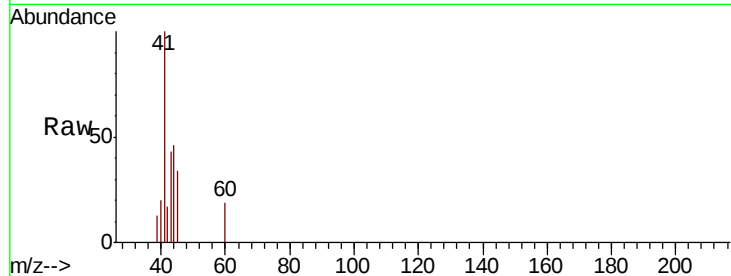




#48
Methyl methacrylate
Concen: 0.767 ug/l
RT: 6.53 min Scan# 1692
Delta R.T. -0.07 min
Lab File: VU034248.D
Acq: 04 Sep 2019 11:28

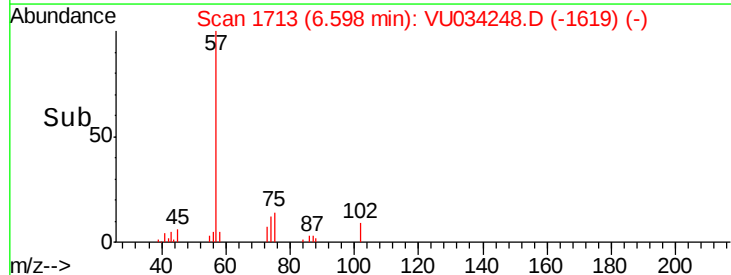
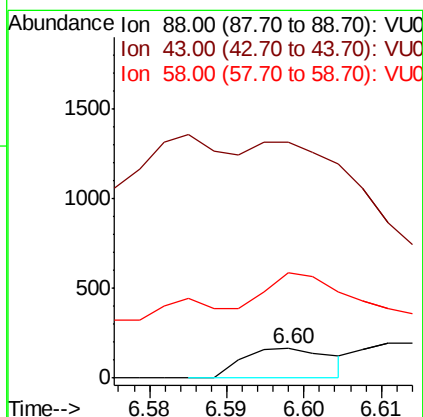
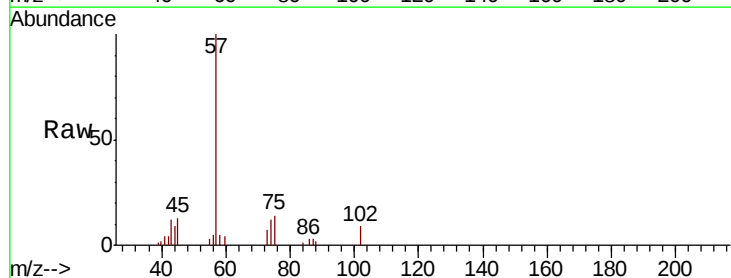
Instrument :
MSVOA_U
ClientSampleId :
T3-S-B2-(2.5)

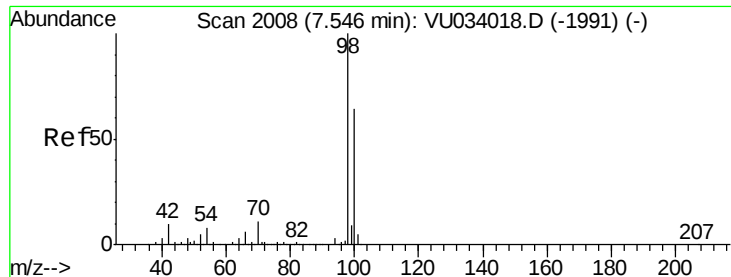
Tgt Ion: 41 Resp: 4063
Ion Ratio Lower Upper
41 100
69 0.0 69.5 104.3#
39 0.0 40.3 60.5#



#49
1,4-Dioxane
Concen: 0.994 ug/l
RT: 6.60 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VU034248.D
Acq: 04 Sep 2019 11:28

Tgt Ion: 88 Resp: 132
Ion Ratio Lower Upper
88 100
43 0.0 24.8 37.2#
58 664.4 59.3 88.9#





#50

Toluene-d8

Concen: 50.249 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

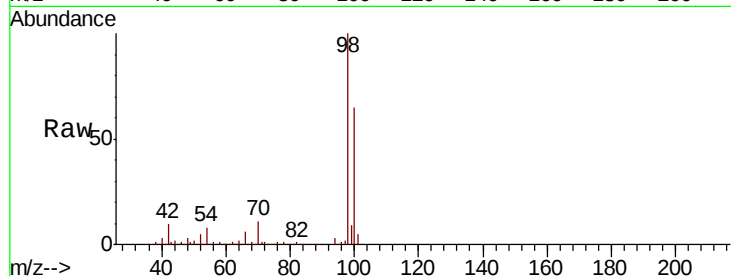
T3-S-B2-(2.5)

Tgt Ion: 98 Resp: 889540

Ion Ratio Lower Upper

98 100

100 64.8 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034018.D (-1991) (-)

Ion 100.00 (99.70 to 100.70): VU034018.D (-1991) (-)

7.55

500000

400000

300000

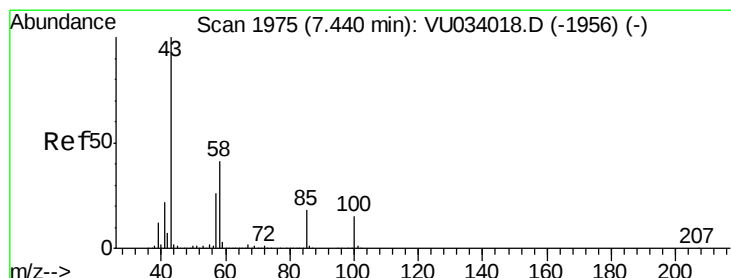
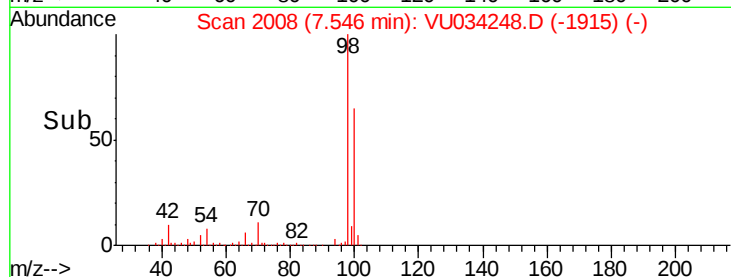
200000

100000

0

7.40 7.50 7.60 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 8.423 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. -0.04 min

Lab File: VU034248.D

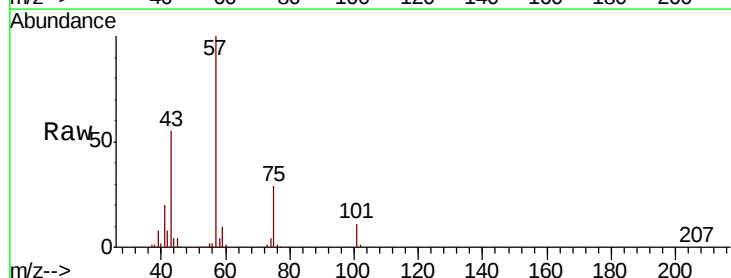
Acq: 04 Sep 2019 11:28

Tgt Ion: 43 Resp: 63898

Ion Ratio Lower Upper

43 100

58 7.3 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1956) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-1956) (-)

7.40

40000

30000

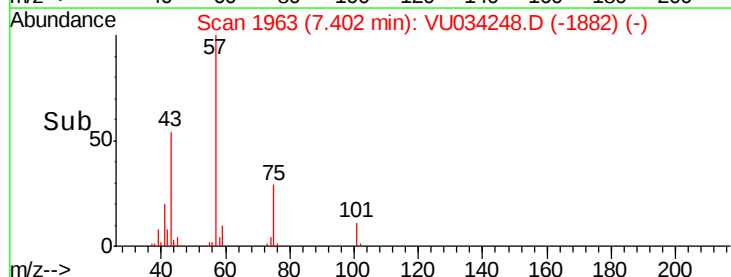
20000

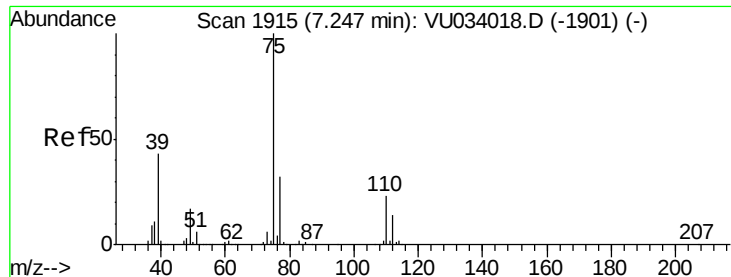
10000

0

7.35 7.40 7.45

Time-->



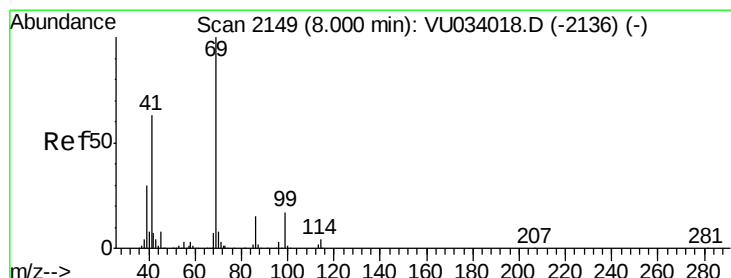
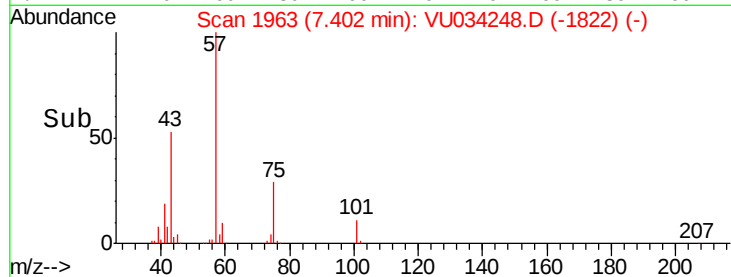
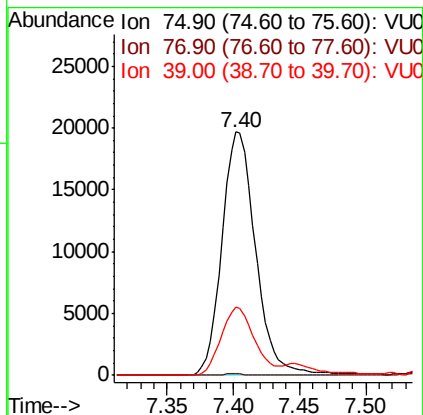
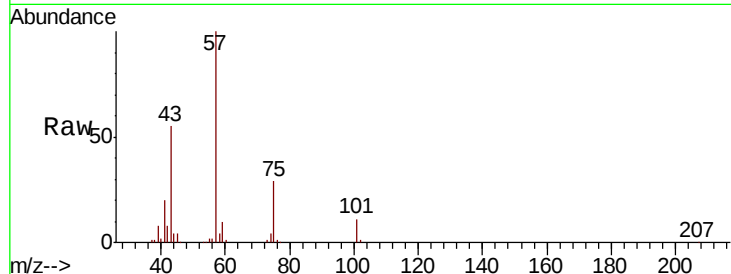


#54

cis-1,3-Dichloropropene
 Concen: 4.236 ug/l
 RT: 7.40 min Scan# 1963
 Delta R.T. 0.15 min
 Lab File: VU034248.D
 Acq: 04 Sep 2019 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B2-(2.5)

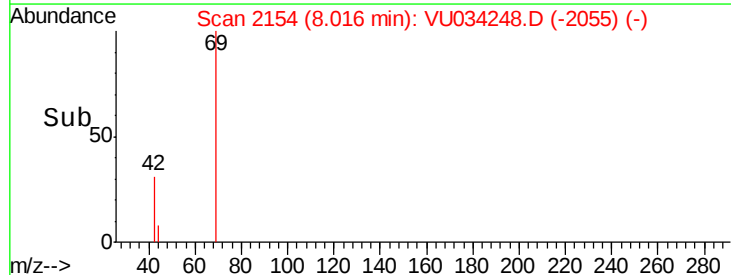
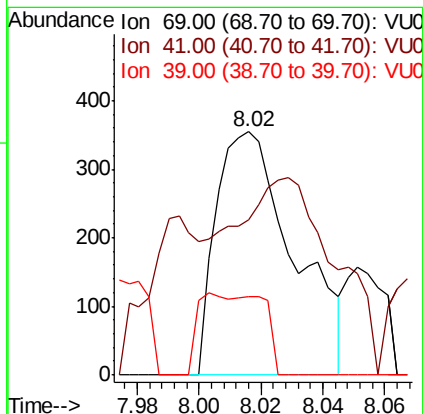
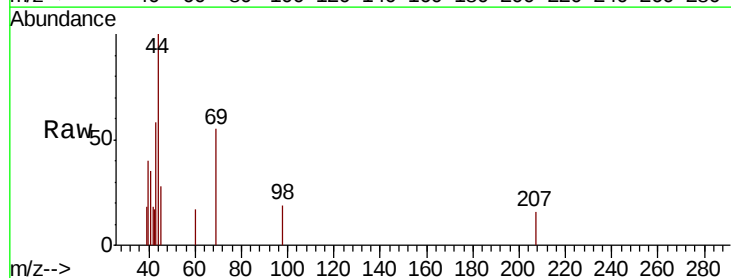
Tgt Ion: 75 Resp: 34760
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.2 37.8#
 39 28.2 34.6 51.8#

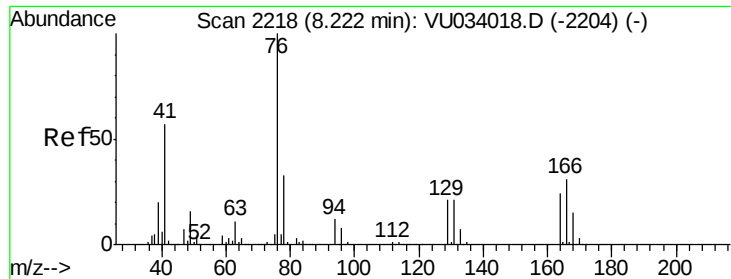


#56

Ethyl methacrylate
 Concen: 1.044 ug/l
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.02 min
 Lab File: VU034248.D
 Acq: 04 Sep 2019 11:28

Tgt Ion: 69 Resp: 619
 Ion Ratio Lower Upper
 69 100
 41 0.0 50.7 76.1#
 39 0.0 24.2 36.2#

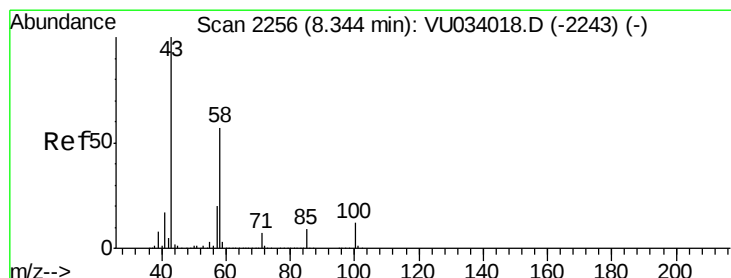
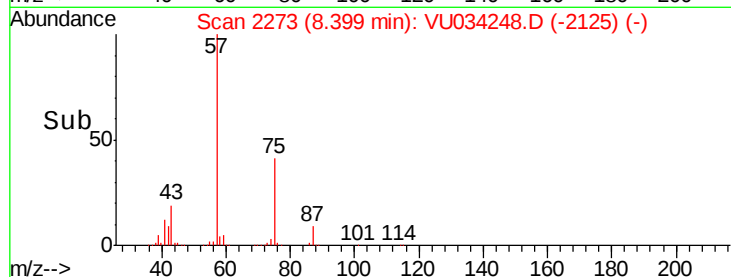
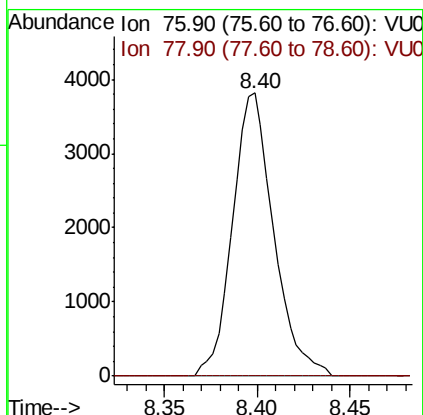
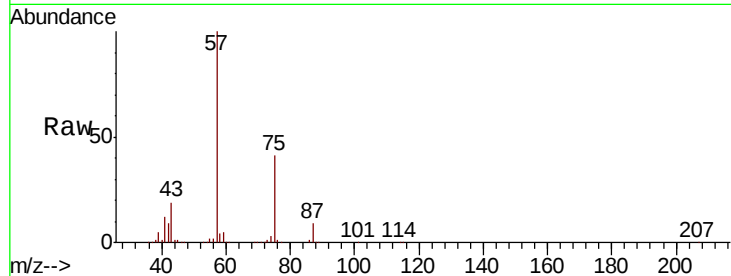




#57
 1,3-Dichloropropane
 Concen: 0.680 ug/l
 RT: 8.40 min Scan# 2273
 Delta R.T. 0.18 min
 Lab File: VU034248.D
 Acq: 04 Sep 2019 11:28

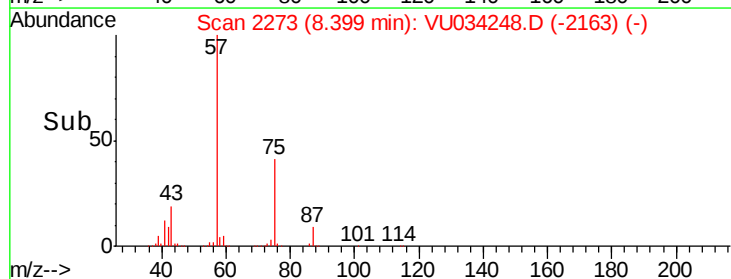
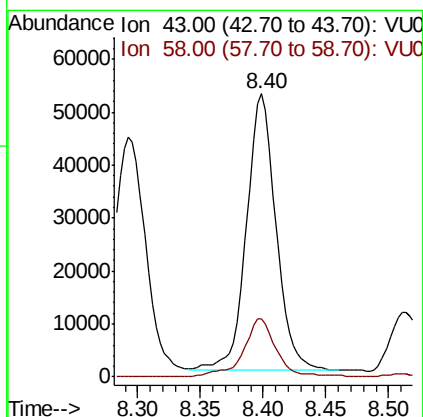
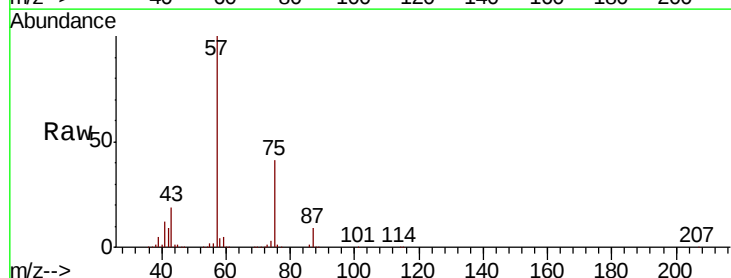
Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B2-(2.5)

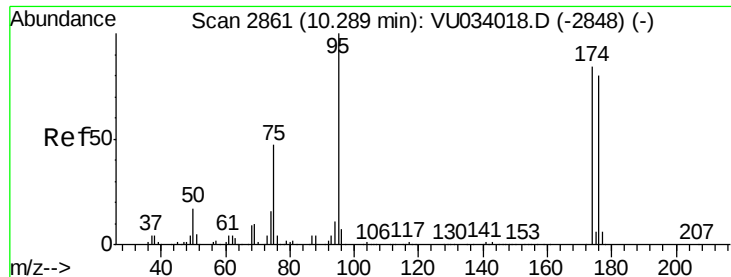
Tgt Ion: 76 Resp: 5873
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.4#



#59
 2-Hexanone
 Concen: 14.956 ug/l
 RT: 8.40 min Scan# 2273
 Delta R.T. 0.05 min
 Lab File: VU034248.D
 Acq: 04 Sep 2019 11:28

Tgt Ion: 43 Resp: 85646
 Ion Ratio Lower Upper
 43 100
 58 24.1 28.4 85.3#





#62

4-Bromofluorobenzene

Concen: 44.750 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

T3-S-B2-(2.5)

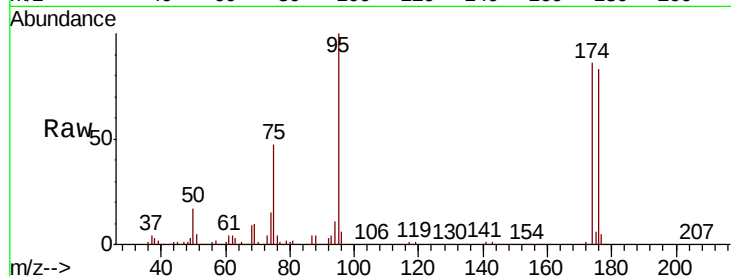
Tgt Ion: 95 Resp: 308154

Ion Ratio Lower Upper

95 100

174 86.7 0.0 168.8

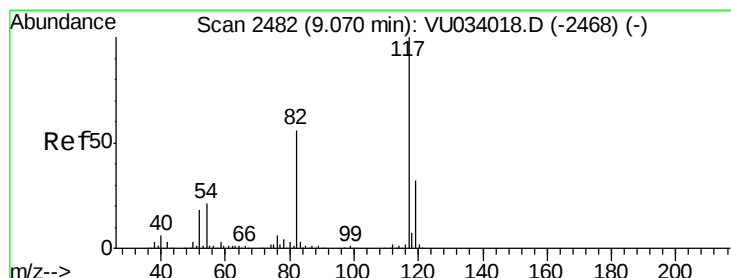
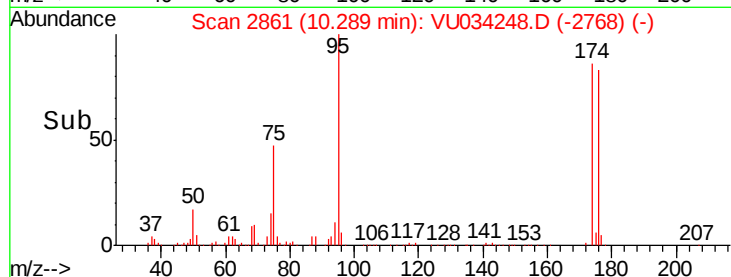
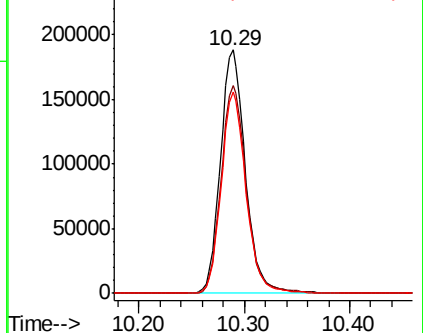
176 82.4 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

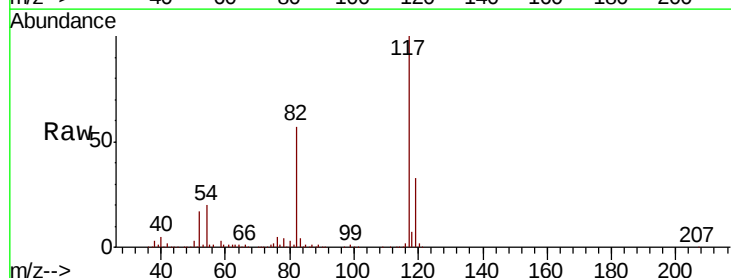
Tgt Ion: 117 Resp: 674564

Ion Ratio Lower Upper

117 100

82 56.5 45.1 67.7

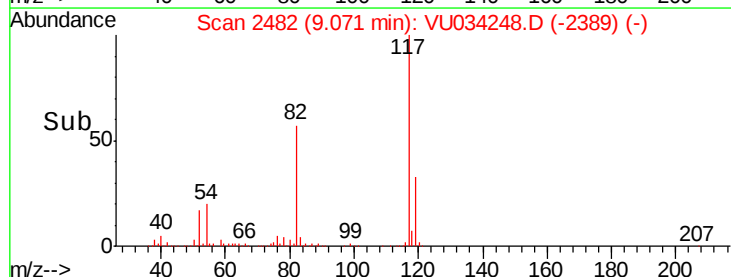
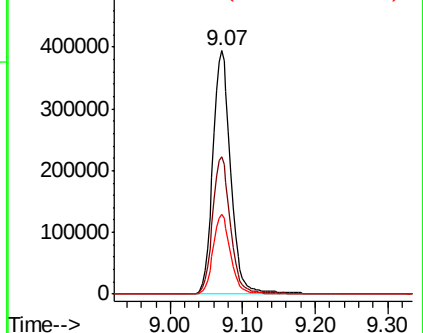
119 32.6 25.4 38.0

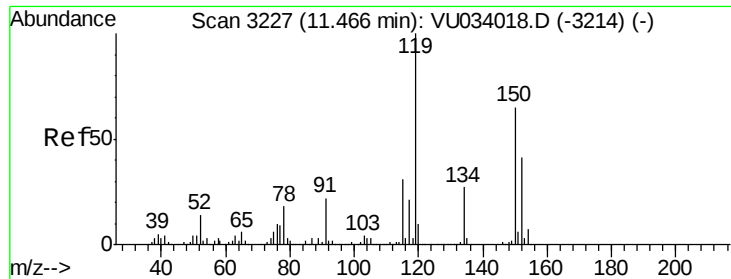


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

T3-S-B2-(2.5)

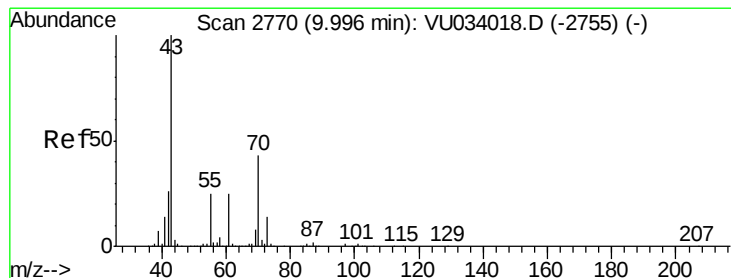
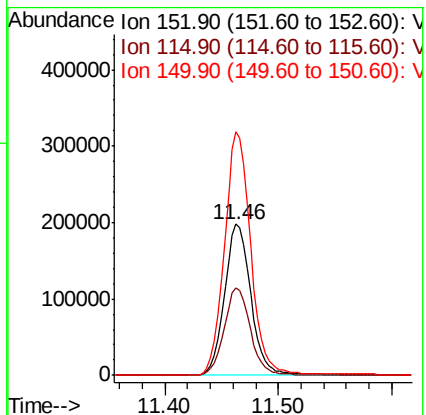
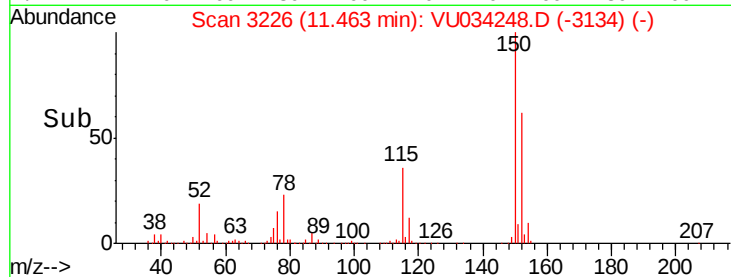
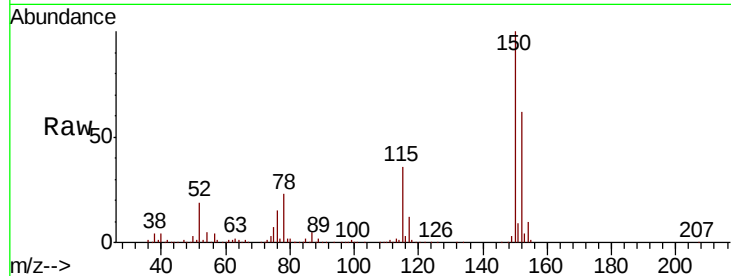
Tgt Ion:152 Resp: 322311

Ion Ratio Lower Upper

152 100

115 57.6 41.1 123.3

150 160.1 0.0 348.8



#74

N-ethyl acetate

Concen: 0.203 ug/l

RT: 9.92 min Scan# 2747

Delta R.T. -0.07 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

Tgt Ion: 43 Resp: 1847

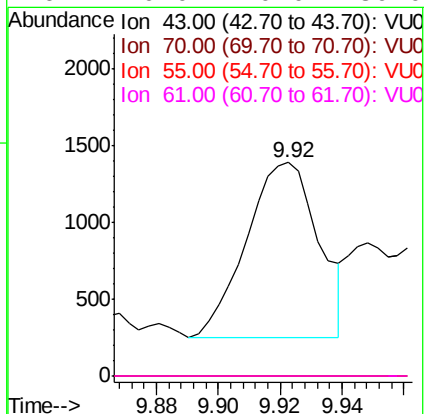
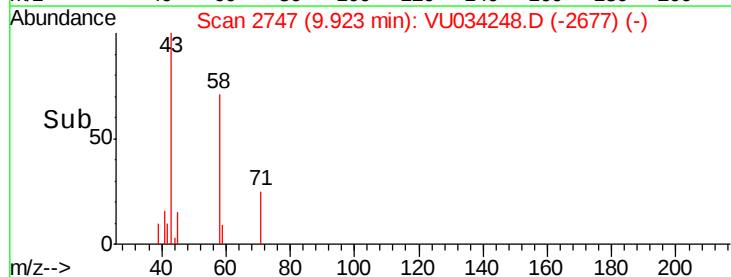
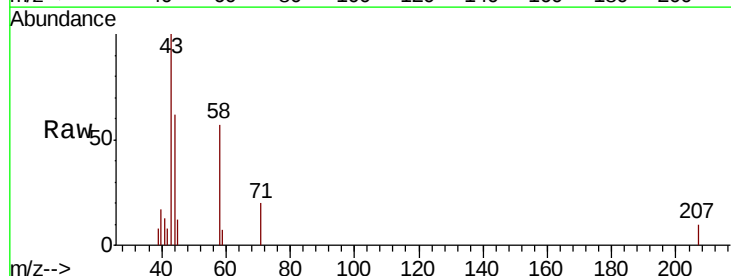
Ion Ratio Lower Upper

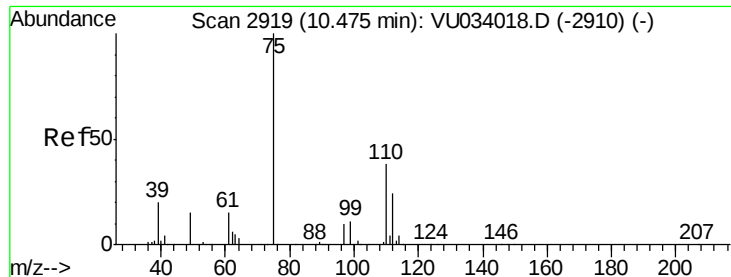
43 100

70 0.0 35.2 52.8#

55 0.0 20.5 30.7#

61 0.0 20.0 30.0#





#76

1,2,3-Trichloropropane

Concen: 19.958 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

Instrument :

MSVOA_U

ClientSampled :

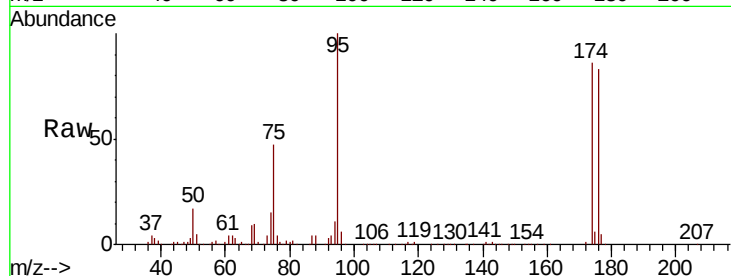
T3-S-B2-(2.5)

Tgt Ion: 75 Resp: 144979

Ion Ratio Lower Upper

75 100

77 1.2 20.1 60.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.29

80000

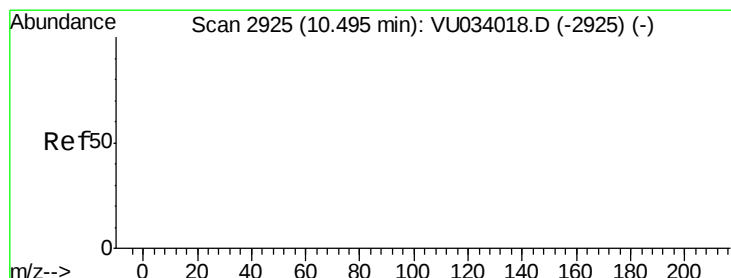
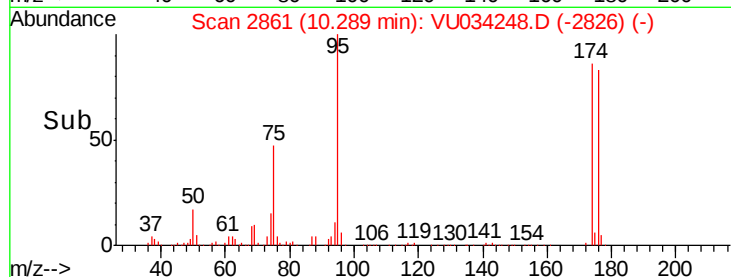
60000

40000

20000

0

Time--> 10.20 10.30 10.40



#81

trans-1,4-Dichloro-2-butene

Concen: 67.202 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.21 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

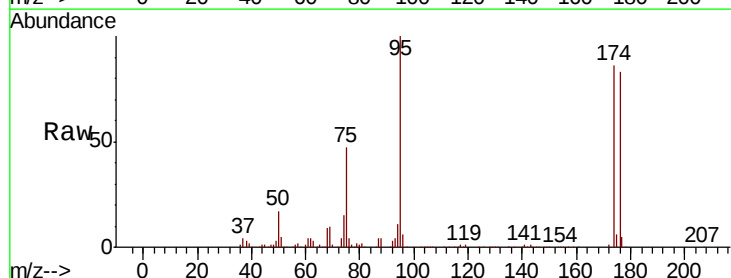
Tgt Ion: 75 Resp: 144979

Ion Ratio Lower Upper

75 100

53 0.2 0.0 0.0#

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

120000

100000

80000

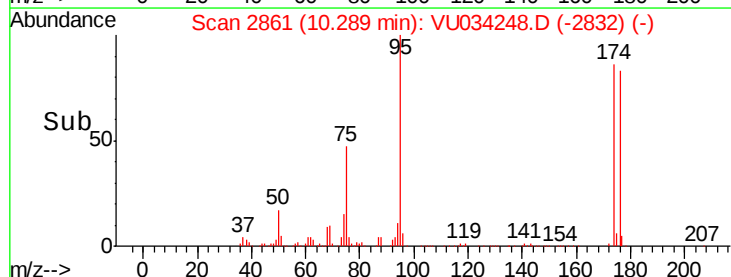
60000

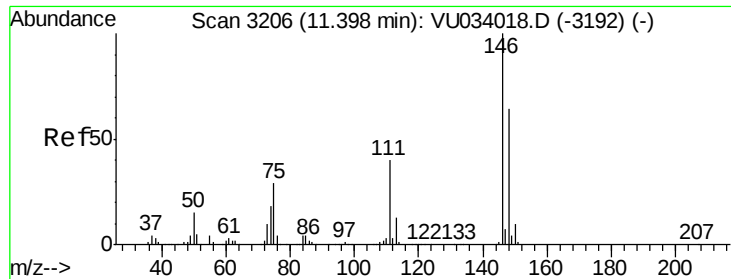
40000

20000

0

Time--> 10.20 10.30 10.40

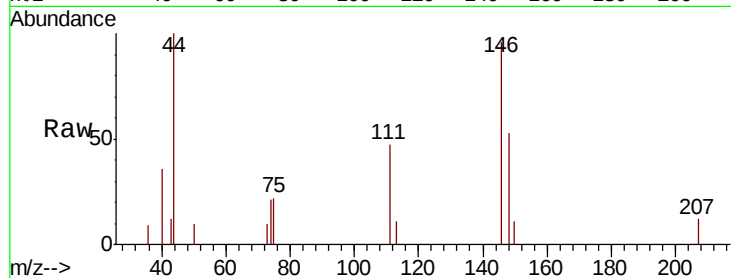




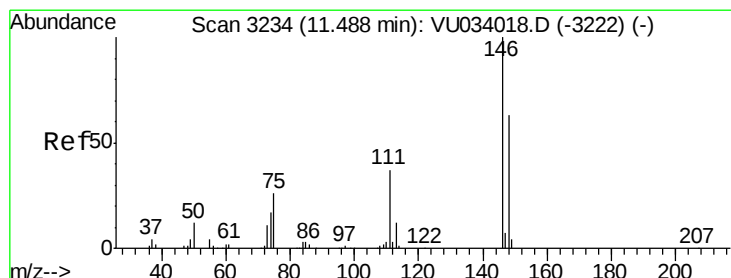
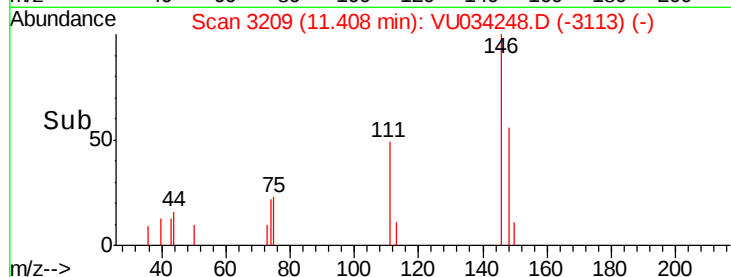
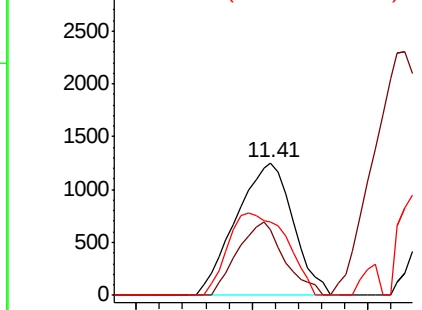
#87
 1,3-Dichlorobenzene
 Concen: 0.207 ug/l
 RT: 11.41 min Scan# 3209
 Delta R.T. 0.01 min
 Lab File: VU034248.D
 Acq: 04 Sep 2019 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B2-(2.5)

Tgt Ion:146 Resp: 2137
 Ion Ratio Lower Upper
 146 100
 111 45.4 19.9 59.6
 148 64.2 31.9 95.5

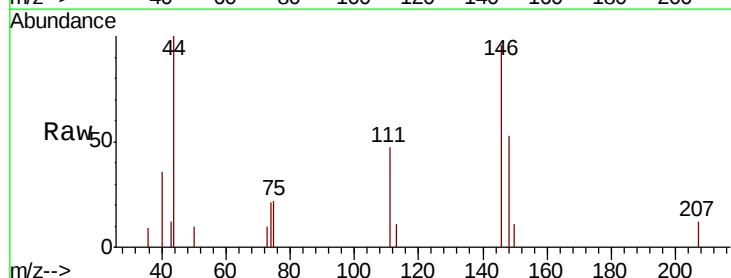


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

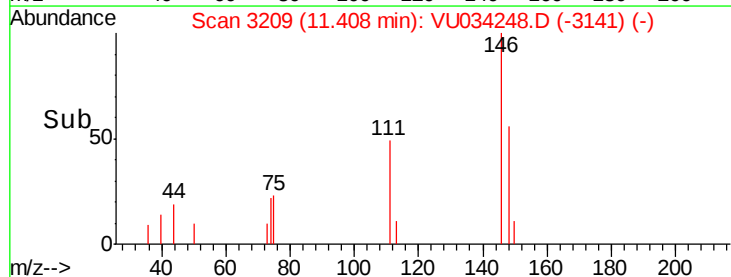
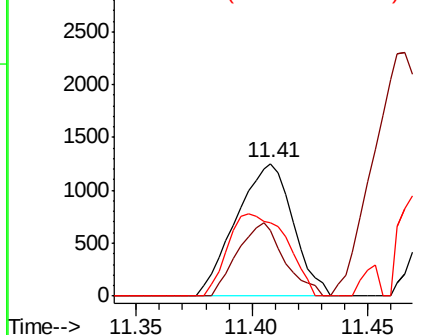


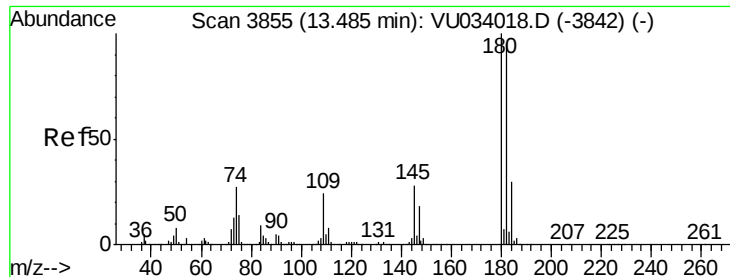
#88
 1,4-Dichlorobenzene
 Concen: 0.205 ug/l
 RT: 11.41 min Scan# 3209
 Delta R.T. -0.08 min
 Lab File: VU034248.D
 Acq: 04 Sep 2019 11:28

Tgt Ion:146 Resp: 2137
 Ion Ratio Lower Upper
 146 100
 111 45.4 19.2 57.6
 148 64.2 31.9 95.9



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

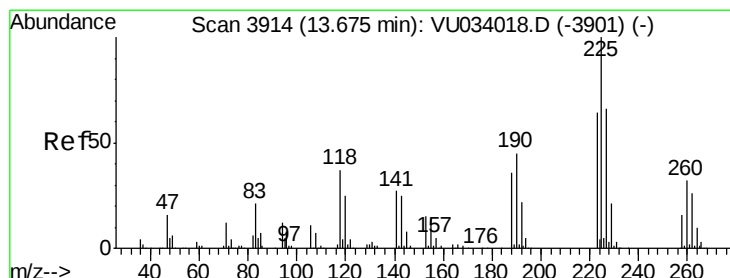
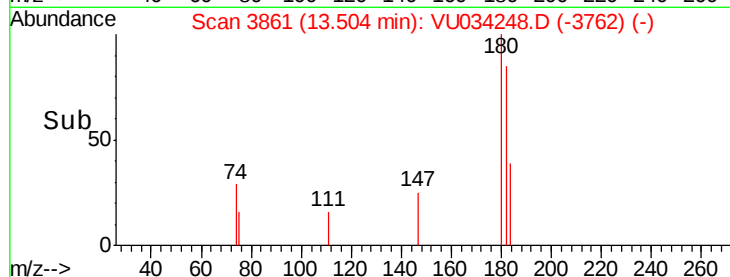
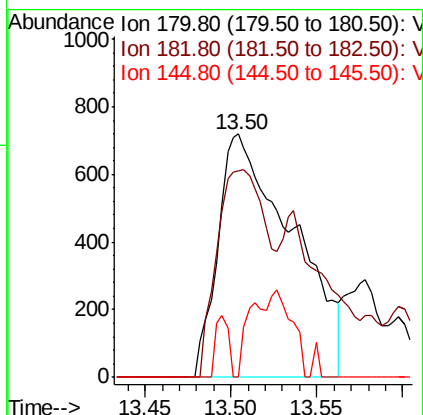
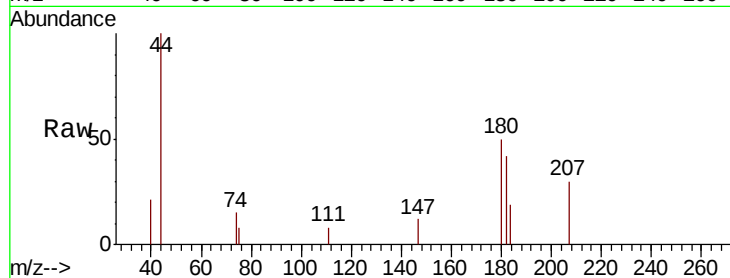




#93
 1,2,4-Trichlorobenzene
 Concen: 1.416 ug/l
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.02 min
 Lab File: VU034248.D
 Acq: 04 Sep 2019 11:28

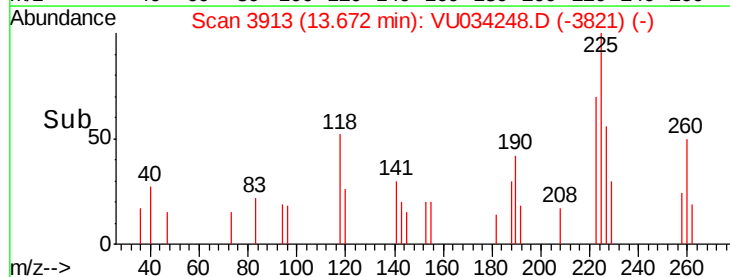
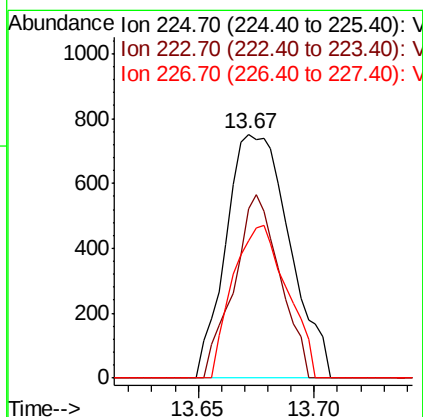
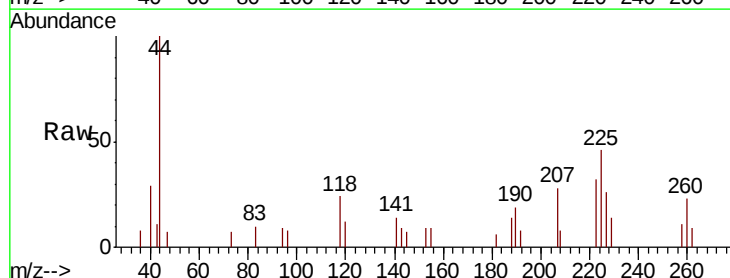
Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B2-(2.5)

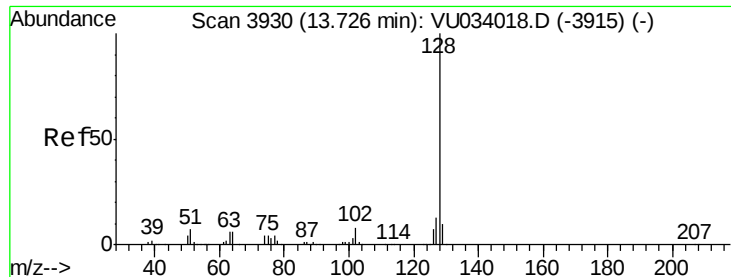
Tgt Ion:180 Resp: 2167
 Ion Ratio Lower Upper
 180 100
 182 58.4 47.4 142.2
 145 8.7 14.1 42.3#



#94
 Hexachlorobutadiene
 Concen: 0.369 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034248.D
 Acq: 04 Sep 2019 11:28

Tgt Ion:225 Resp: 1427
 Ion Ratio Lower Upper
 225 100
 223 54.4 31.8 95.3
 227 53.6 32.6 97.8

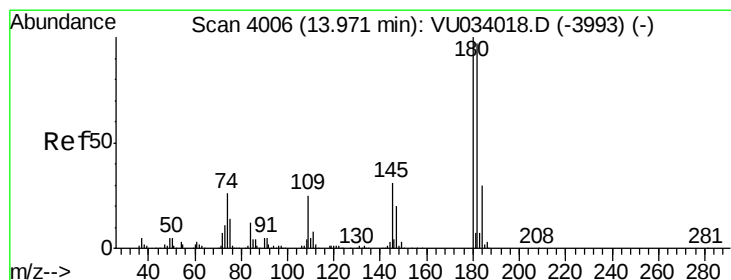
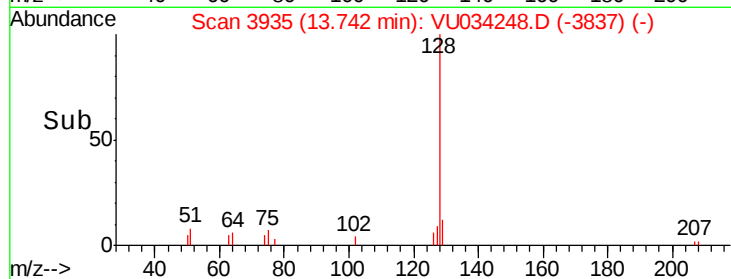
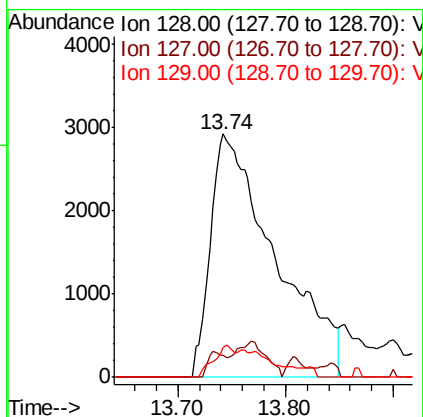
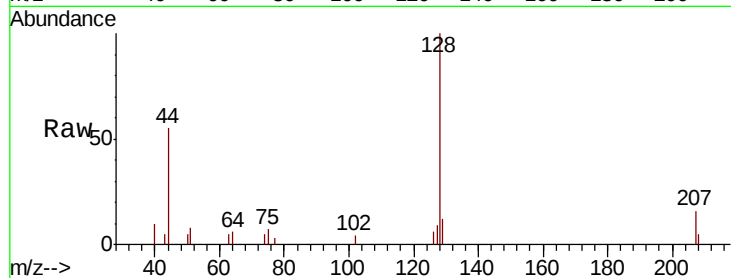




#95
Naphthalene
Concen: 2.373 ug/l
RT: 13.74 min Scan# 3935
Delta R.T. 0.02 min
Lab File: VU034248.D
Acq: 04 Sep 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
T3-S-B2-(2.5)

Tgt Ion:128 Resp: 12168
Ion Ratio Lower Upper
128 100
127 2.8 10.2 15.4#
129 4.0 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 0.532 ug/l
RT: 13.98 min Scan# 4010
Delta R.T. 0.01 min
Lab File: VU034248.D
Acq: 04 Sep 2019 11:28

Tgt Ion:180 Resp: 3363
Ion Ratio Lower Upper
180 100
182 80.3 48.2 144.6
145 11.0 15.5 46.5#

