

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110918\
 Data File : VU028045.D
 Acq On : 09 Nov 2018 15:23
 Operator : MD/SY
 Sample : J5885-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

Quant Time: Nov 12 06:15:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	202933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	400326	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	362768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	155420	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	176160	58.39	ug/l	0.00
Spiked Amount			Recovery	=	116.78%	
35) Dibromofluoromethane	4.89	113	129073	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
50) Toluene-d8	7.57	98	521927	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	
62) 4-Bromofluorobenzene	10.31	95	175174	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.40	50	240501	77.118	ug/l #	42
11) Tert butyl alcohol	2.83	59	2670	3.343	ug/l #	81
12) 1,1-Dichloroethene	2.29	96	31204	14.672	ug/l	97
13) Acrolein	2.19	56	167	Below Cal	#	1
16) Acetone	2.33	43	3896	2.081	ug/l #	88
17) Carbon Disulfide	2.51	76	99241	14.276	ug/l	99
18) Methyl Acetate	2.64	43	1133	0.220	ug/l #	63
21) trans-1,2-Dichloroethene	2.99	96	431660	175.867	ug/l	99
26) 2,2-Dichloropropane	4.22	77	847	0.211	ug/l #	53
31) Cyclohexane	4.99	56	5028	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	18388	4.386	ug/l #	50
38) Carbon Tetrachloride	4.99	117	21389	5.756	ug/l #	15
39) Methylcyclohexane	6.19	83	5893	1.165	ug/l #	1
40) Benzene	5.40	78	4143	0.323	ug/l	95
44) Trichloroethene	6.19	130	437825	158.894	ug/l	99
52) Toluene	7.64	92	7087	0.940	ug/l	96
59) 2-Hexanone	8.17	43	24526	4.933	ug/l	77
60) Dibromochloromethane	8.23	129	885044	305.050	ug/l #	10
64) Tetrachloroethene	8.23	164	921142	391.594	ug/l	98
65) Chlorobenzene	9.12	112	5199	0.678	ug/l	98
68) m/p-Xylenes	9.38	106	3568	0.697	ug/l	97
69) o-Xylene	9.78	106	9155	1.771	ug/l	97
73) Isopropylbenzene	10.17	105	20773	1.725	ug/l	100
76) 1,2,3-Trichloropropane	10.31	75	93627	22.024	ug/l #	35
78) n-propylbenzene	10.59	91	7488	0.520	ug/l	96
79) 2-Chlorotoluene	10.67	91	3662	0.424	ug/l #	63
80) 1,3,5-Trimethylbenzene	10.77	105	8620	0.864	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.31	75	93627	54.962	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	11808	1.176	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	3000	0.588	ug/l	92
88) 1,4-Dichlorobenzene	11.41	146	3000	0.574	ug/l	92
91) 1,2-Dichlorobenzene	11.88	146	7641	1.490	ug/l	97
93) 1,2,4-Trichlorobenzene	13.51	180	1937	1.216	ug/l #	59
95) Naphthalene	13.76	128	463	Below Cal	#	69

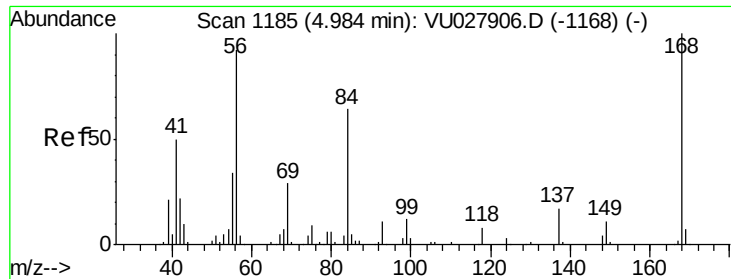
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110918\
Data File : VU028045.D
Acq On : 09 Nov 2018 15:23
Operator : MD/SY
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Quant Time: Nov 12 06:15:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
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: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028045.D

Acq: 09 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

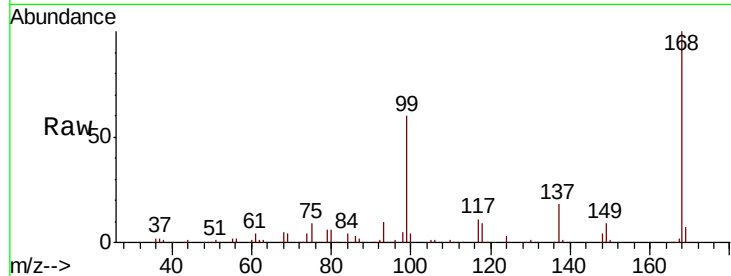
MW-2

Tot Ion:168 Resp: 202933

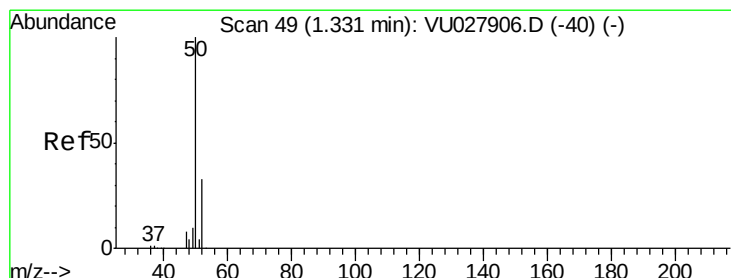
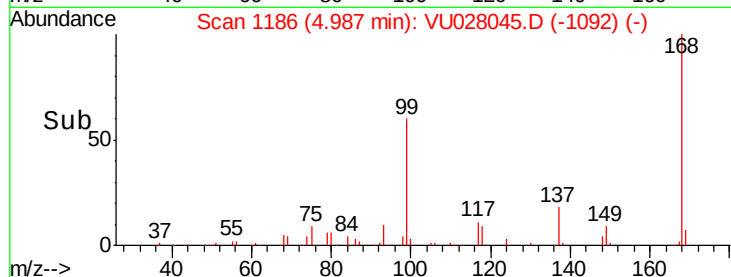
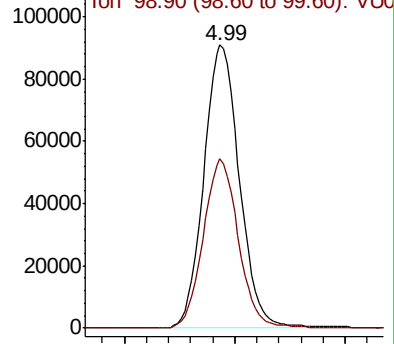
Ion Ratio Lower Upper

168 100

99 59.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)



#3

Chloromethane

Concen: 77.118 ug/l

RT: 1.40 min Scan# 70

Delta R.T. 0.07 min

Lab File: VU028045.D

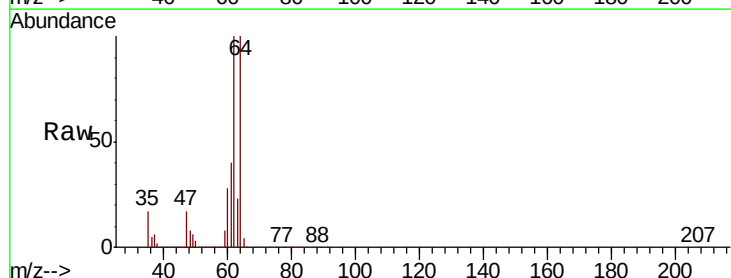
Acq: 09 Nov 2018 15:23

Tgt Ion: 50 Resp: 240501

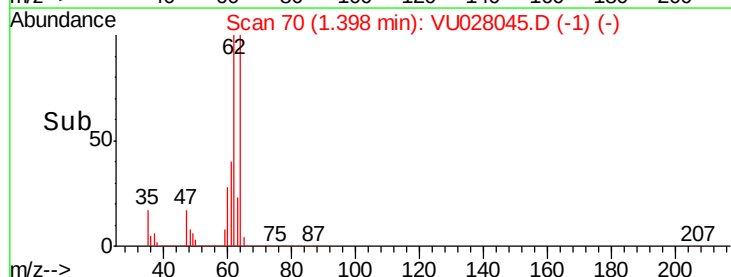
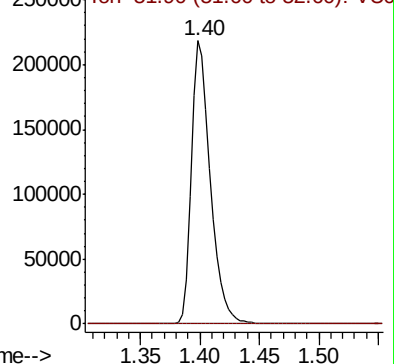
Ion Ratio Lower Upper

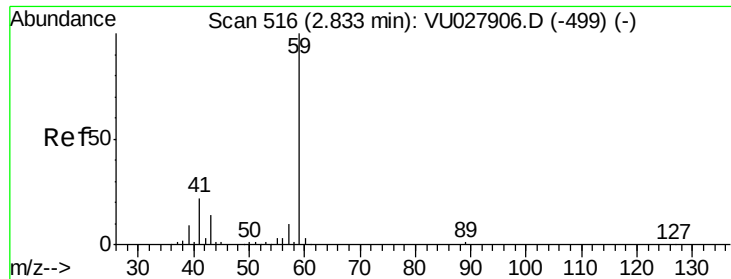
50 100

52 0.3 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VU027906.D (-40) (-)

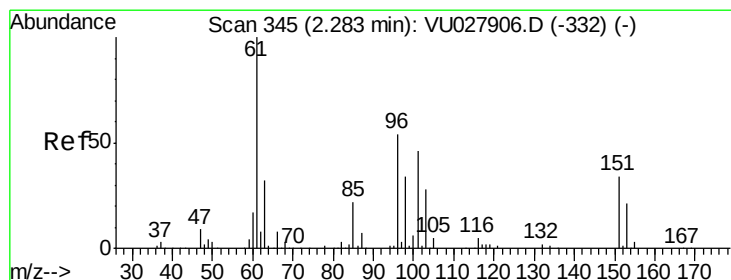
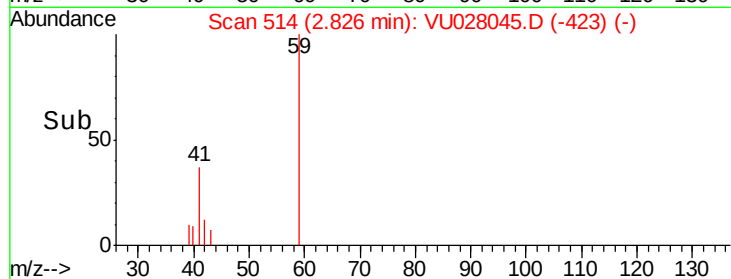
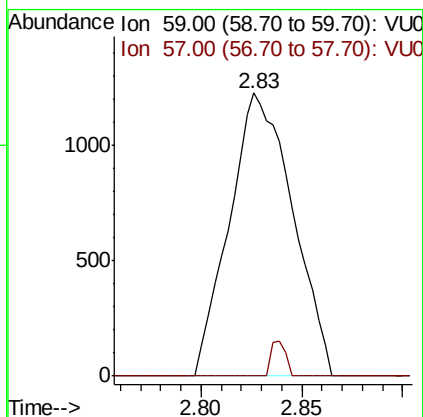
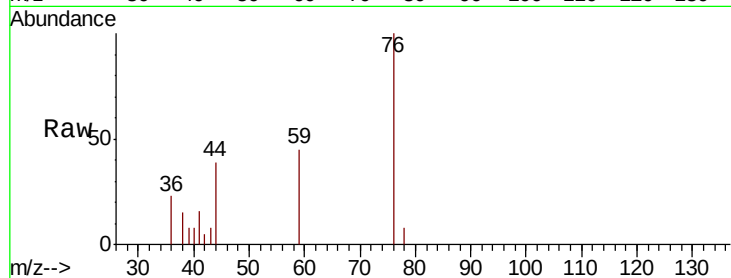




#11
Tert butyl alcohol
Concen: 3.343 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.01 min
Lab File: VU028045.D
Acq: 09 Nov 2018 15:23

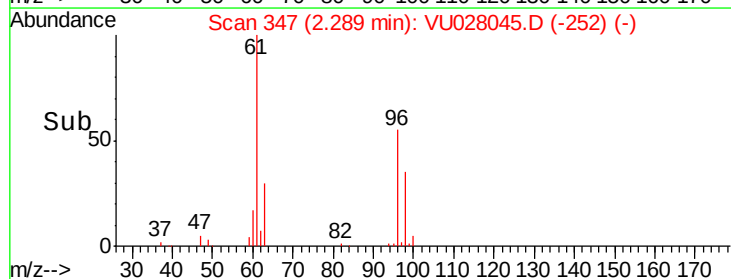
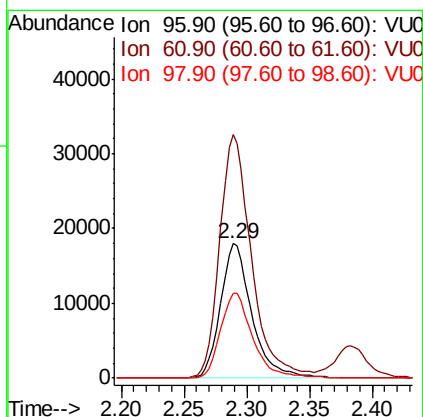
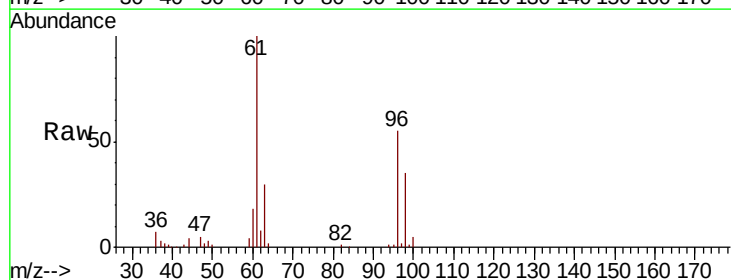
Instrument :
MSVOA_U
ClientSampled :
MW-2

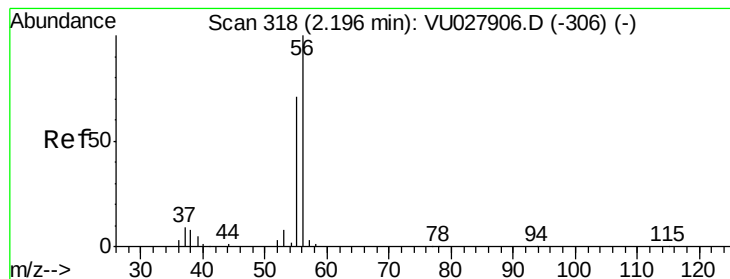
Tot Ion: 59 Resp: 2670
Ion Ratio Lower Upper
59 100
57 2.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 14.672 ug/l
RT: 2.29 min Scan# 347
Delta R.T. 0.01 min
Lab File: VU028045.D
Acq: 09 Nov 2018 15:23

Tgt Ion: 96 Resp: 31204
Ion Ratio Lower Upper
96 100
61 181.1 149.3 223.9
98 62.9 50.6 75.8





#13

Acrolein

Concen: Below Cal

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU028045.D

Acq: 09 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

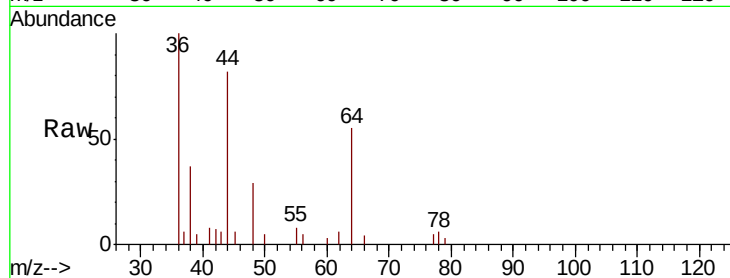
MW-2

Tot Ion: 56 Resp: 167

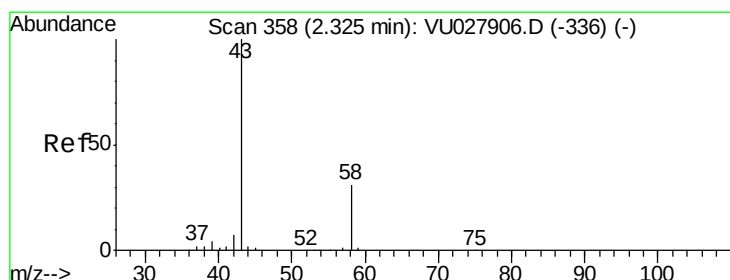
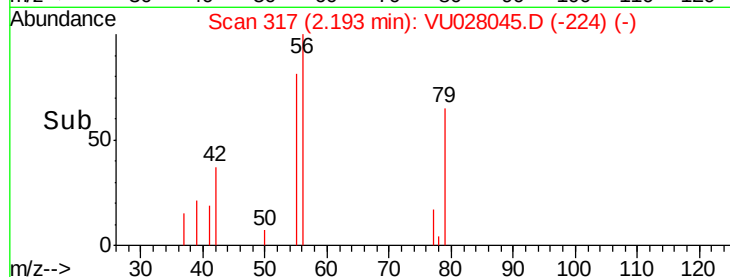
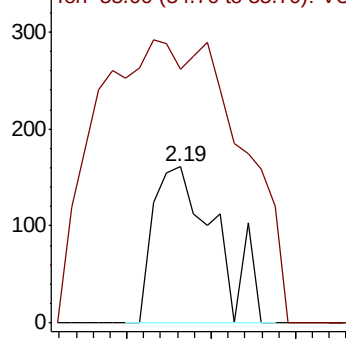
Ion Ratio Lower Upper

56 100

55 416.2 56.2 84.4#



Abundance Ion 56.00 (55.70 to 56.70): VU027906.D (-306) (-)



#16

Acetone

Concen: 2.081 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.00 min

Lab File: VU028045.D

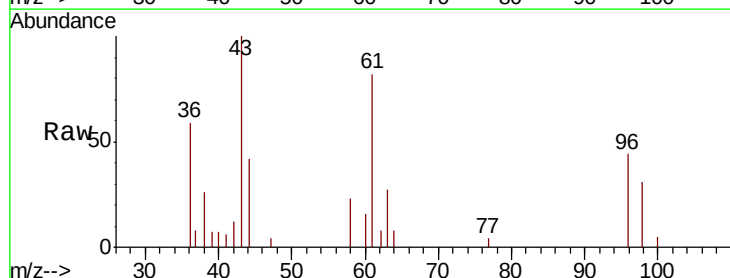
Acq: 09 Nov 2018 15:23

Tgt Ion: 43 Resp: 3896

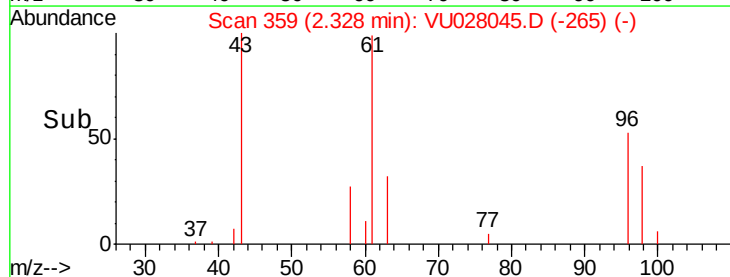
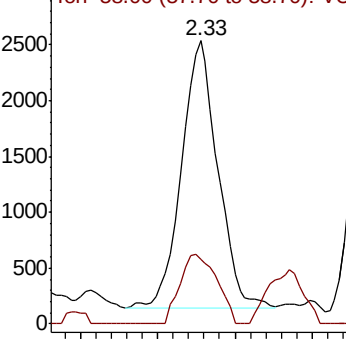
Ion Ratio Lower Upper

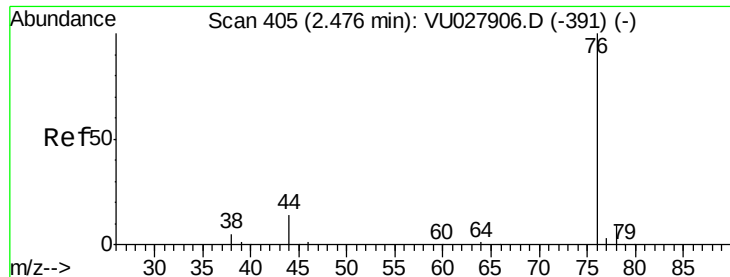
43 100

58 24.1 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)





#17

Carbon Disulfide

Concen: 14.276 ug/l

RT: 2.51 min Scan# 416

Delta R.T. 0.04 min

Lab File: VU028045.D

Acq: 09 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

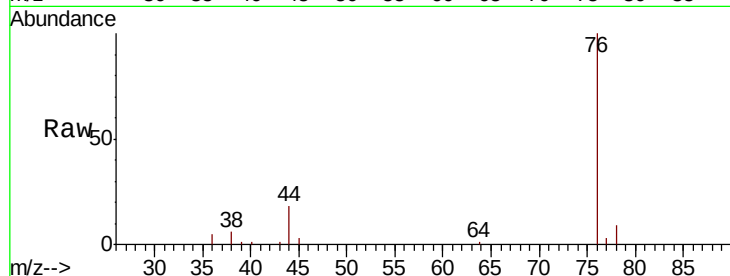
MW-2

Tot Ion: 76 Resp: 99241

Ion Ratio Lower Upper

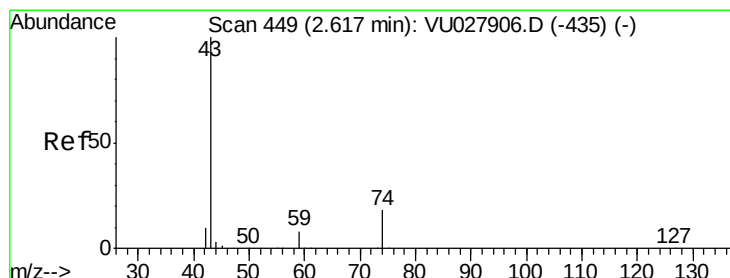
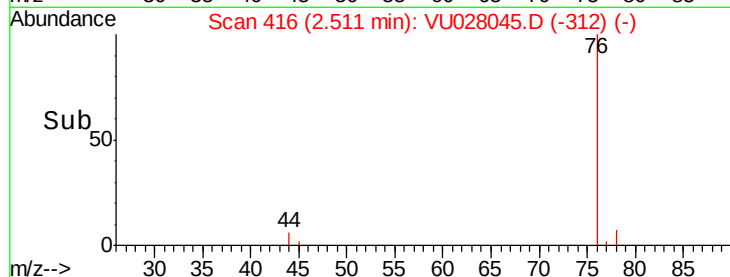
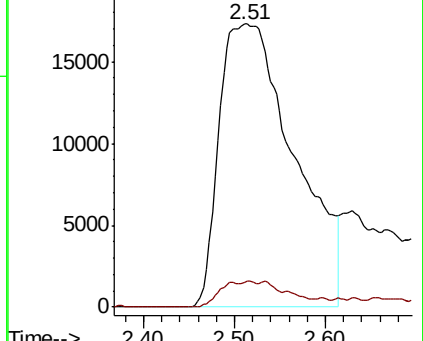
76 100

78 8.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VU028045.D (-312) (-)

Ion 77.90 (77.60 to 78.60): VU028045.D (-312) (-)



#18

Methyl Acetate

Concen: 0.220 ug/l

RT: 2.64 min Scan# 455

Delta R.T. 0.02 min

Lab File: VU028045.D

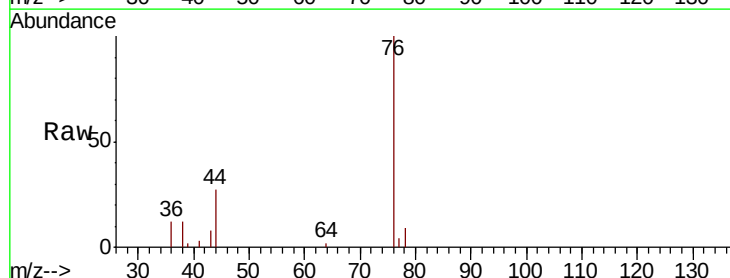
Acq: 09 Nov 2018 15:23

Tgt Ion: 43 Resp: 1133

Ion Ratio Lower Upper

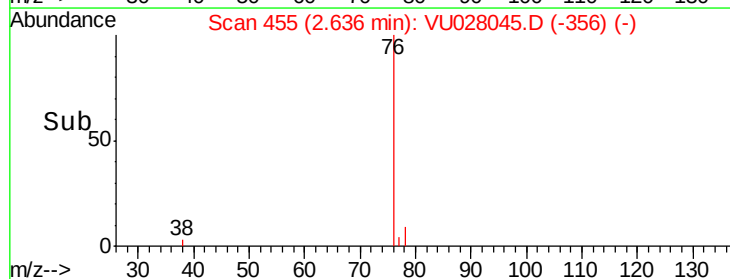
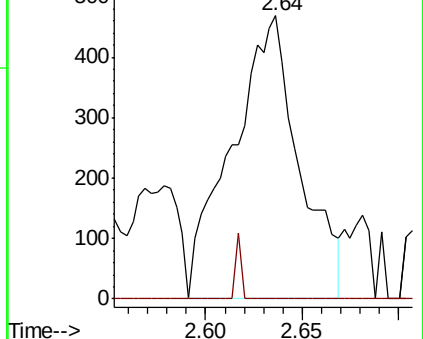
43 100

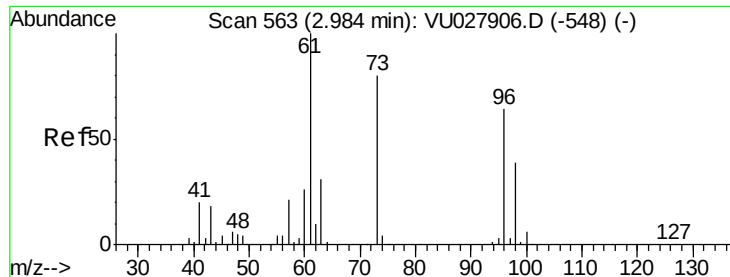
74 1.9 14.9 22.3#



Abundance Ion 43.00 (42.70 to 43.70): VU028045.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU028045.D (-356) (-)





#21

trans-1,2-Dichloroethene

Concen: 175.867 ug/l

RT: 2.99 min Scan# 565

Delta R.T. 0.01 min

Lab File: VU028045.D

Acq: 09 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

MW-2

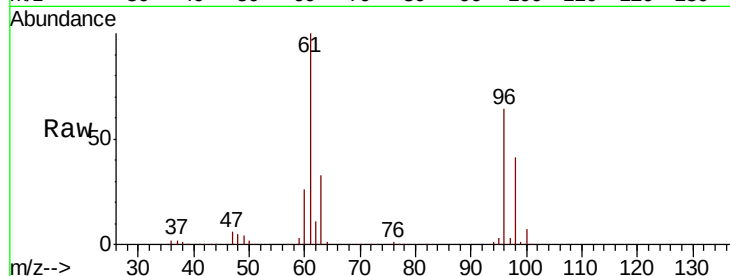
Tot Ion: 96 Resp: 431660

Ion Ratio Lower Upper

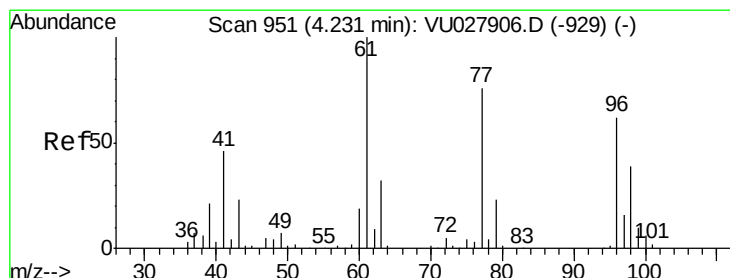
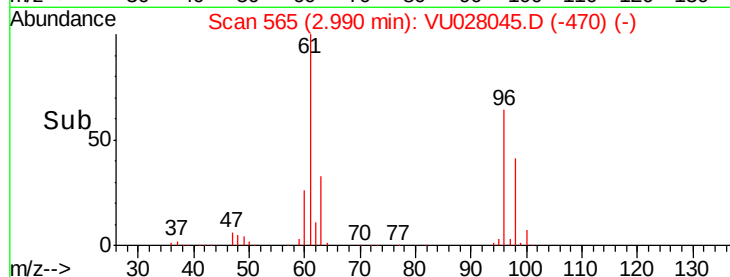
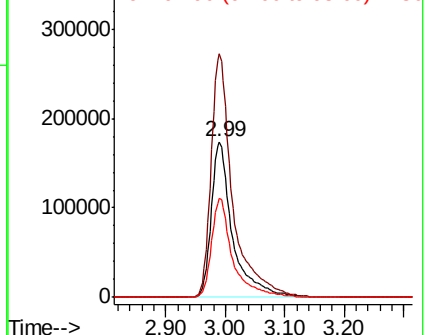
96 100

61 156.8 125.0 187.6

98 63.7 48.2 72.4



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#26

2,2-Dichloropropane

Concen: 0.211 ug/l

RT: 4.22 min Scan# 946

Delta R.T. -0.02 min

Lab File: VU028045.D

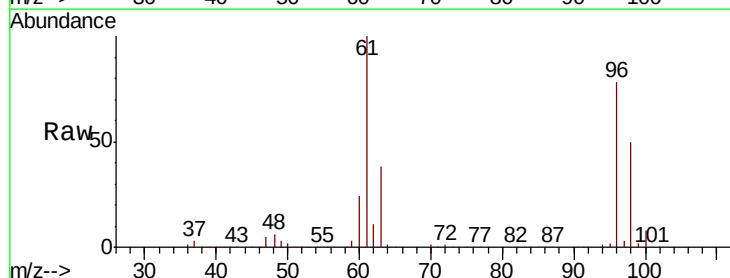
Acq: 09 Nov 2018 15:23

Tgt Ion: 77 Resp: 847

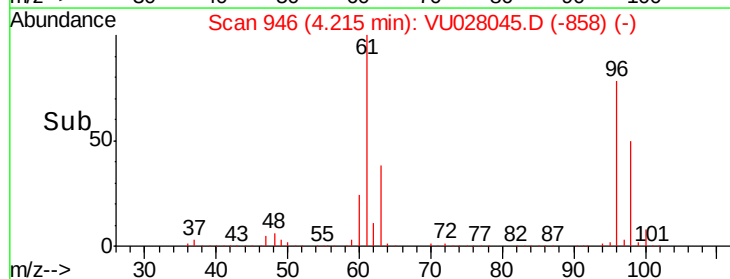
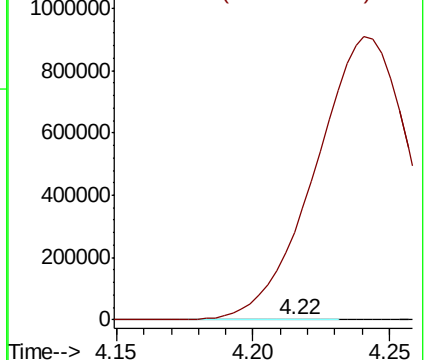
Ion Ratio Lower Upper

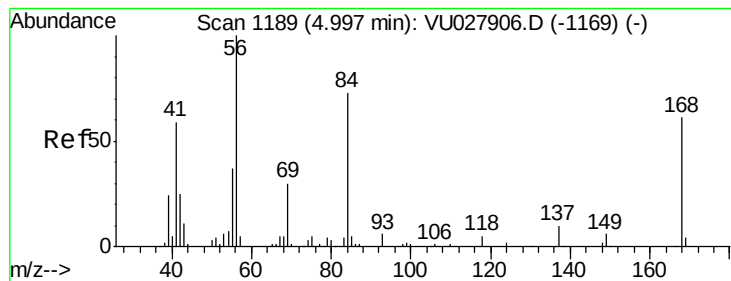
77 100

97 0.0 11.2 33.5#



Abundance Ion 76.90 (76.60 to 77.60): VU0
Ion 96.90 (96.60 to 97.60): VU0





#31

Cyclohexane

Concen: Below Cal

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU028045.D

Acq: 09 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampled :

MW-2

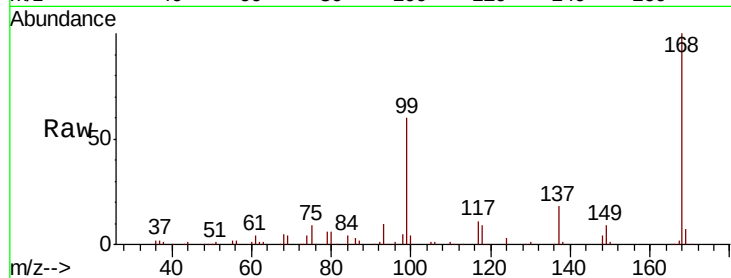
Tot Ion: 56 Resp: 5028

Ion Ratio Lower Upper

56 100

69 162.8 23.7 35.5#

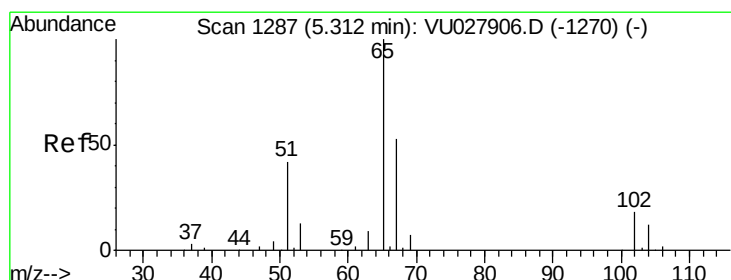
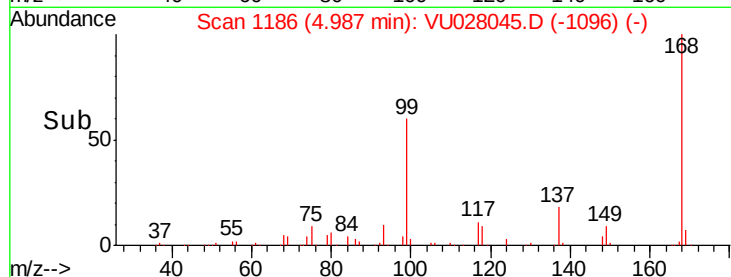
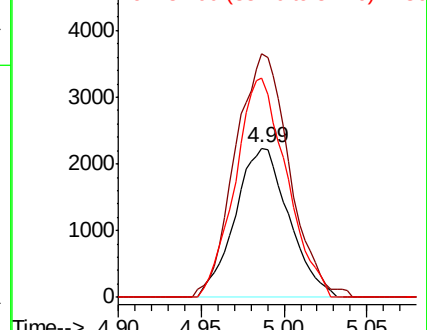
84 146.4 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VU027906.D (-1169) (-)

Ion 69.00 (68.70 to 69.70): VU027906.D (-1169) (-)

Ion 84.00 (83.70 to 84.70): VU027906.D (-1169) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.387 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU028045.D

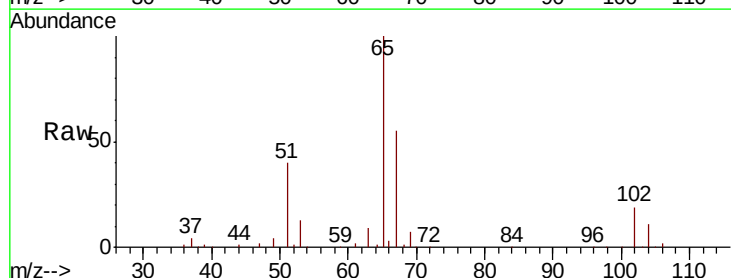
Acq: 09 Nov 2018 15:23

Tgt Ion: 65 Resp: 176160

Ion Ratio Lower Upper

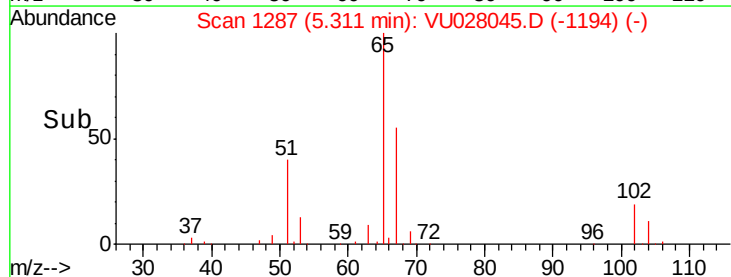
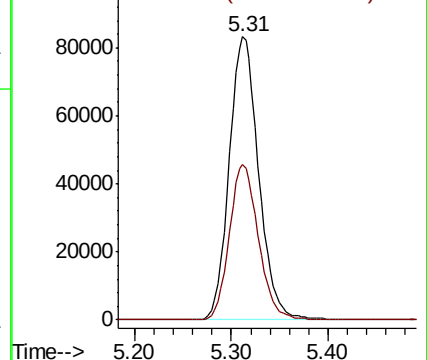
65 100

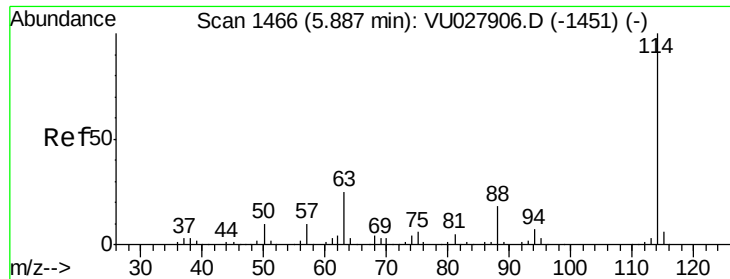
67 54.3 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU027906.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU027906.D (-1270) (-)

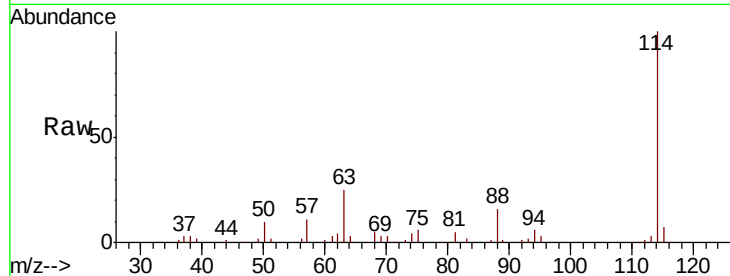




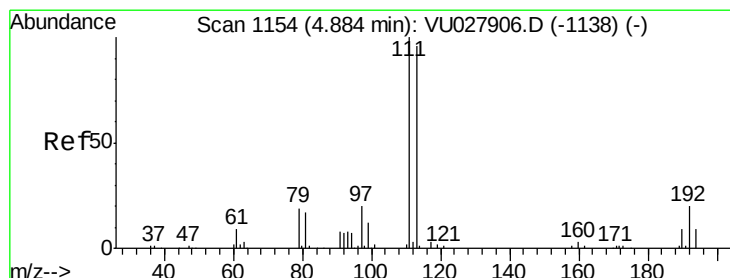
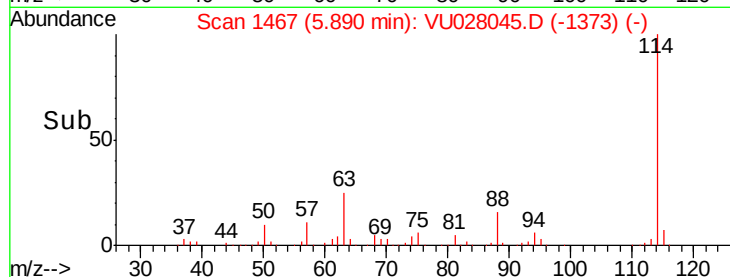
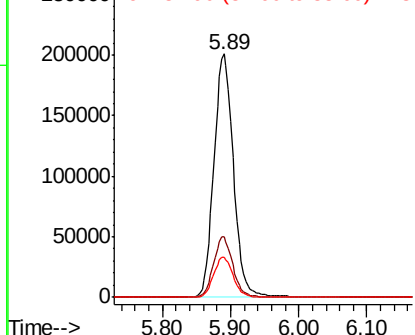
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028045.D
 Acq: 09 Nov 2018 15:23

Instrument :
 MSVOA_U
 ClientSampled :
 MW-2

Tot Ion:114 Resp: 400326
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.8
 88 16.5 0.0 35.8

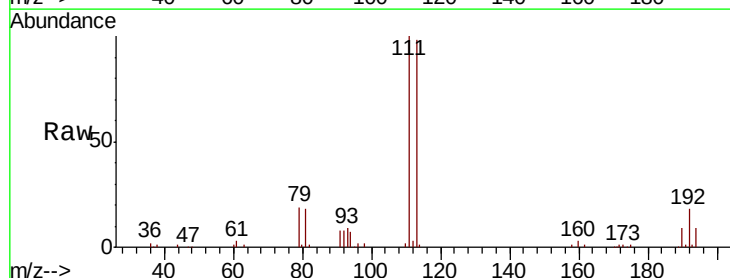


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

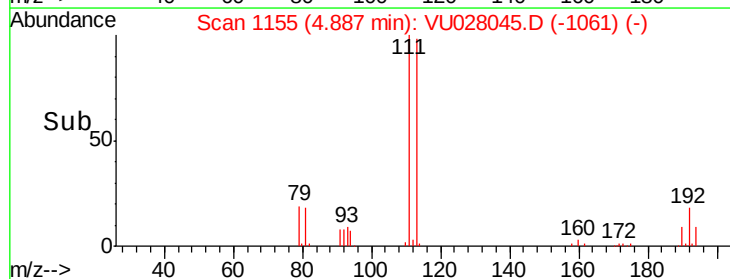
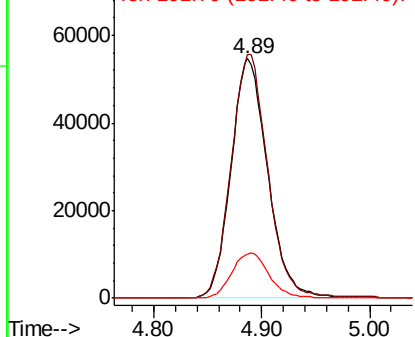


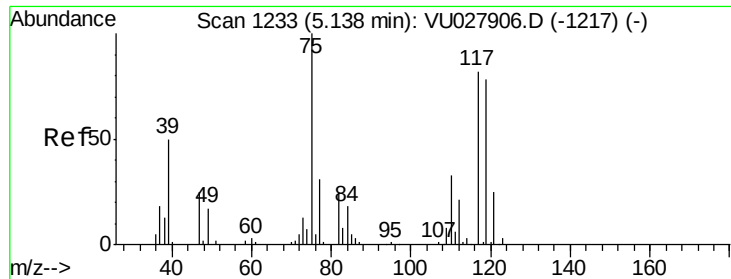
#35
 Dibromofluoromethane
 Concen: 51.136 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028045.D
 Acq: 09 Nov 2018 15:23

Tgt Ion:113 Resp: 129073
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.0 124.6
 192 19.2 15.6 23.4



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

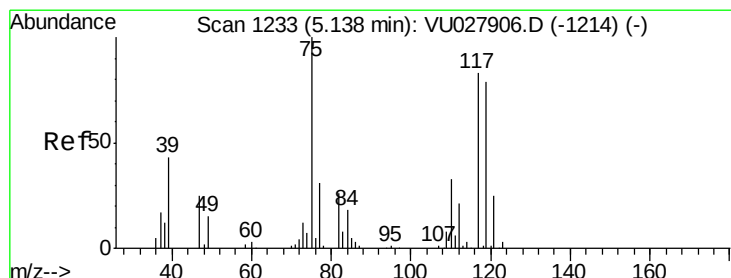
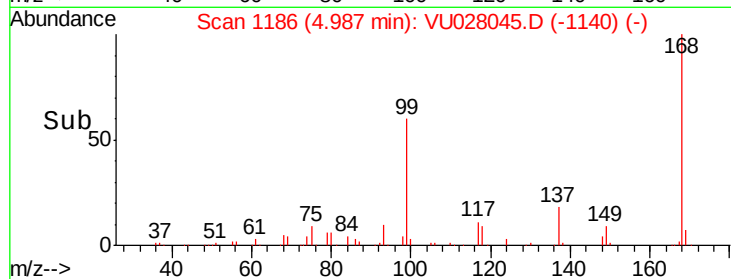
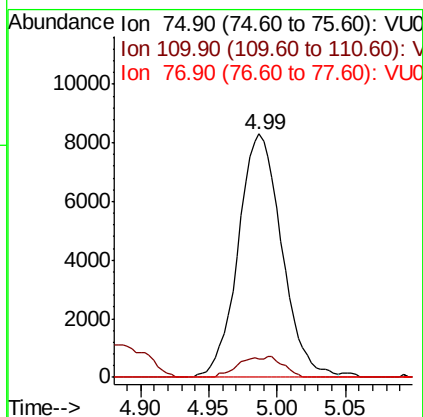
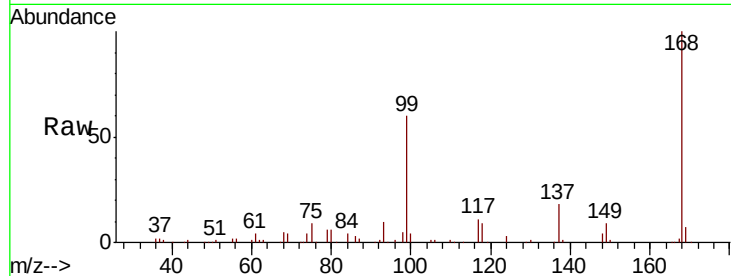




#36
 1,1-Dichloropropene
 Concen: 4.386 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU028045.D
 Acq: 09 Nov 2018 15:23

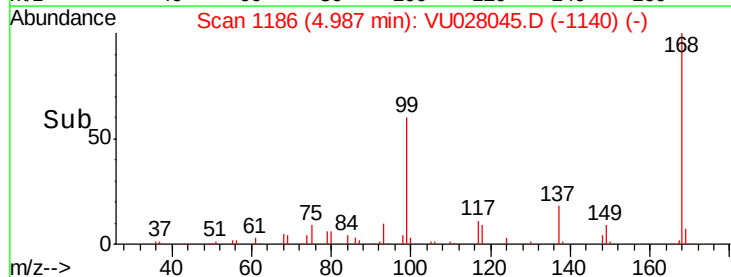
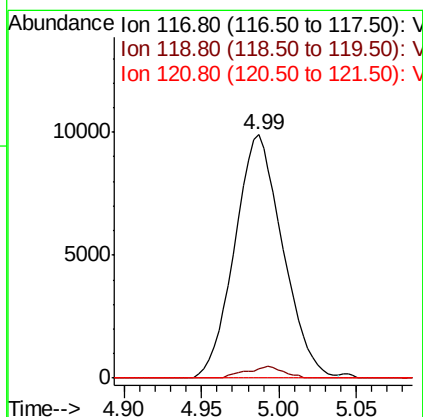
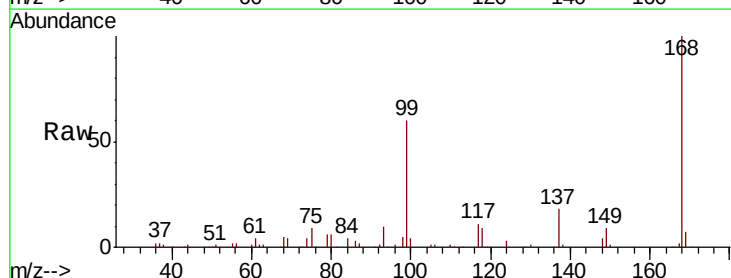
Instrument :
 MSVOA_U
 ClientSampled :
 MW-2

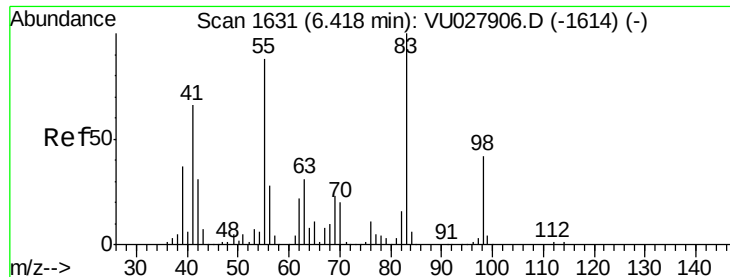
Tot Ion	75	Resp	18388
Ion Ratio	Lower	Upper	
75	100		
110	8.5	16.5	49.5#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.756 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU028045.D
 Acq: 09 Nov 2018 15:23

Tgt Ion	117	Resp	21389
Ion Ratio	Lower	Upper	
117	100		
119	3.6	76.0	114.0#
121	0.0	24.5	36.7#





#39

Methylvlcyclohexane

Concen: 1.165 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.23 min

Lab File: VU028045.D

Acq: 09 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

MW-2

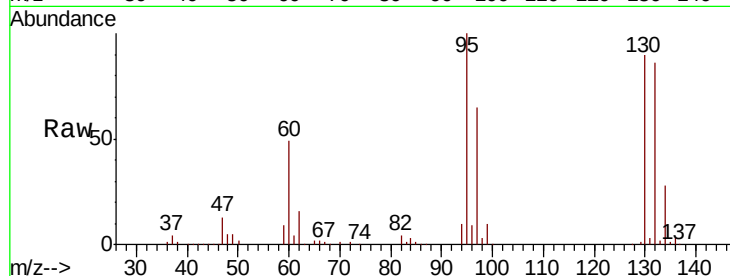
Tot Ion: 83 Resp: 5893

Ion Ratio Lower Upper

83 100

55 0.0 70.3 105.5#

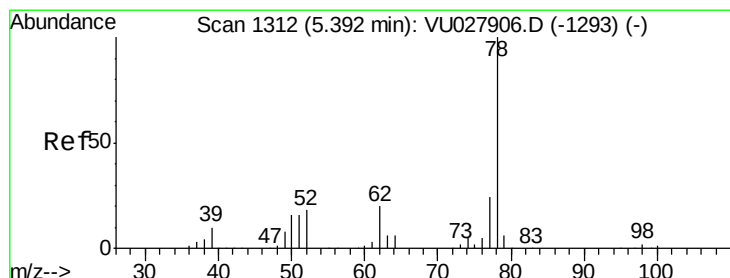
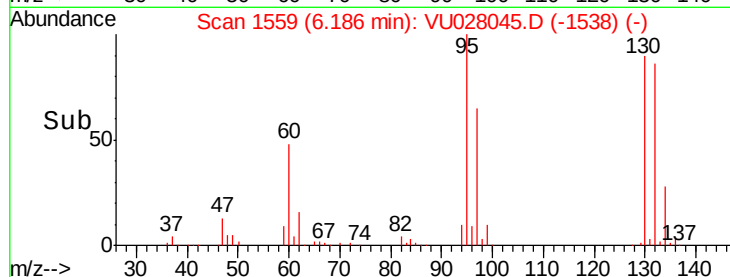
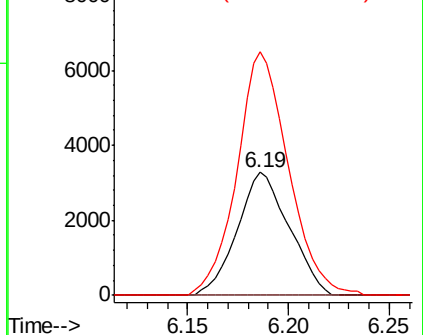
98 197.7 34.0 51.0#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#40

Benzene

Concen: 0.323 ug/l

RT: 5.40 min Scan# 1315

Delta R.T. 0.01 min

Lab File: VU028045.D

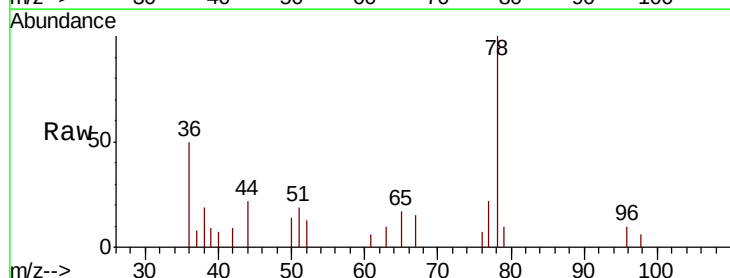
Acq: 09 Nov 2018 15:23

Tgt Ion: 78 Resp: 4143

Ion Ratio Lower Upper

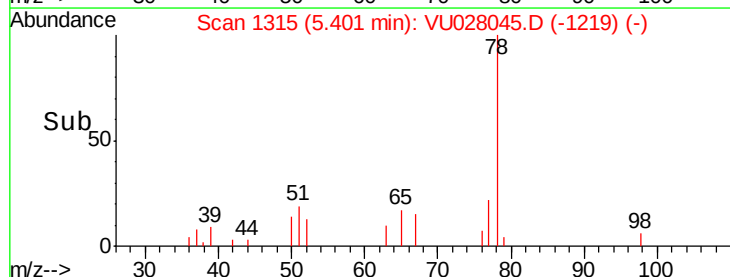
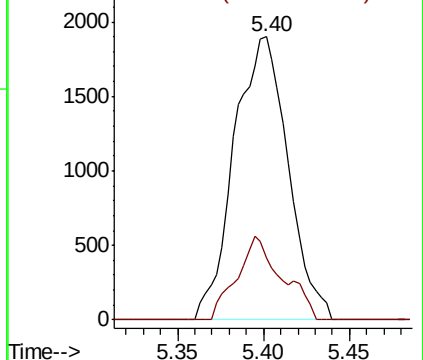
78 100

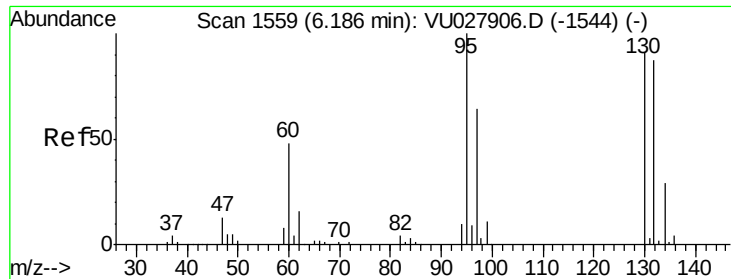
77 21.9 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

Trichloroethene

Concen: 158.894 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028045.D

Acq: 09 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampled :

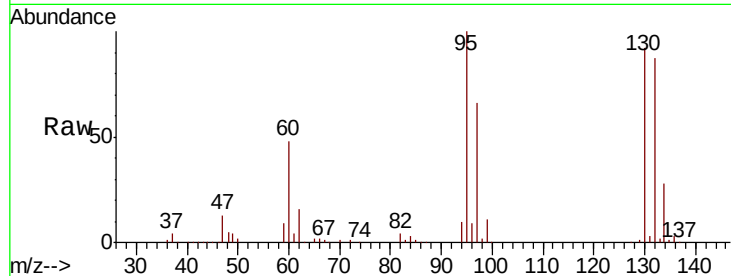
MW-2

Tot Ion:130 Resp: 437825

Ion Ratio Lower Upper

130 100

95 108.8 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): VU027906.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU027906.D (-1544) (-)

6.19

250000

200000

150000

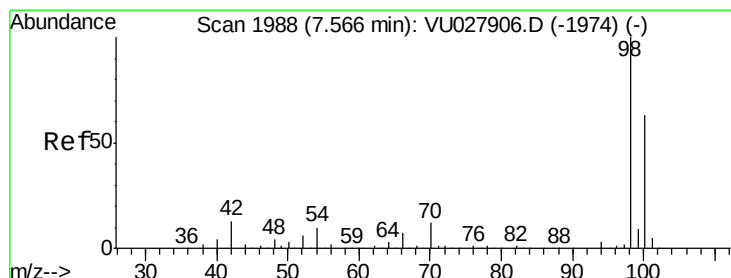
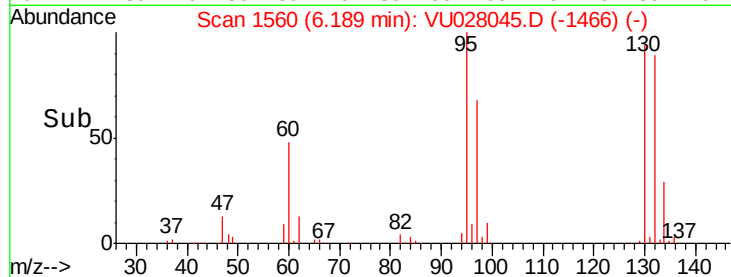
100000

50000

0

6.10 6.20 6.30

Time-->



#50

Toluene-d8

Concen: 53.529 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028045.D

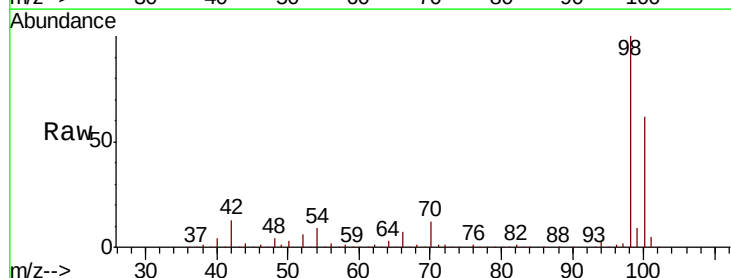
Acq: 09 Nov 2018 15:23

Tgt Ion: 98 Resp: 521927

Ion Ratio Lower Upper

98 100

100 62.5 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

7.57

300000

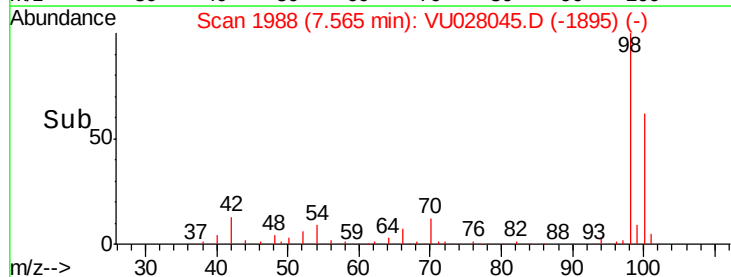
200000

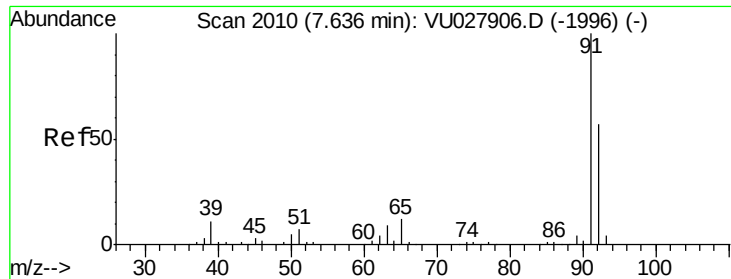
100000

0

7.50 7.55 7.60 7.65

Time-->





#52

Toluene

Concen: 0.940 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU028045.D

Acq: 09 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

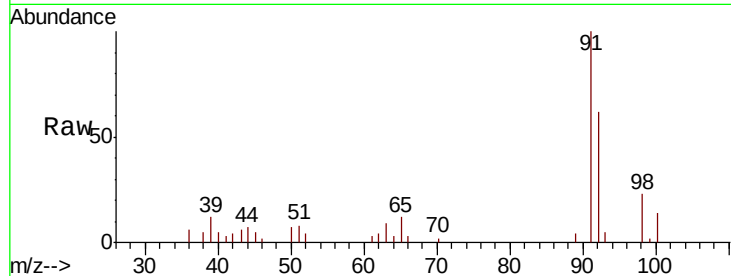
MW-2

Tot Ion: 92 Resp: 7087

Ion Ratio Lower Upper

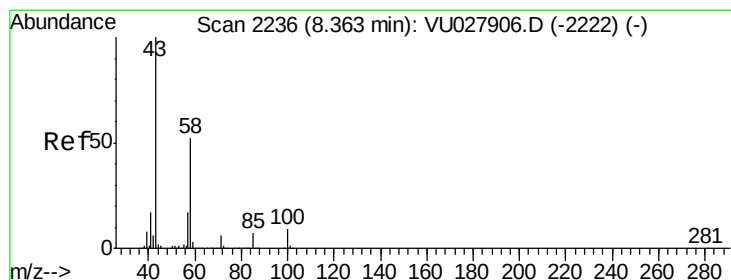
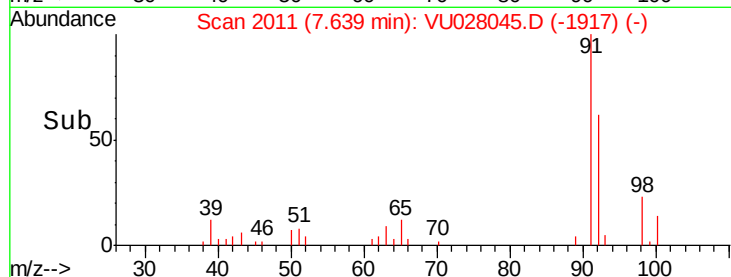
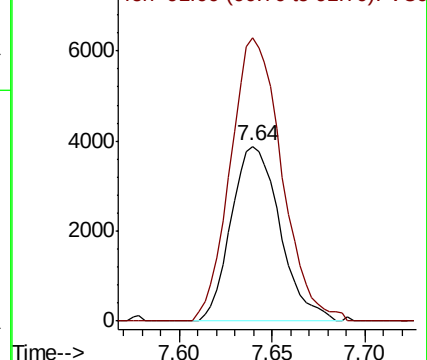
92 100

91 170.4 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#59

2-Hexanone

Concen: 4.933 ug/l

RT: 8.17 min Scan# 2175

Delta R.T. -0.20 min

Lab File: VU028045.D

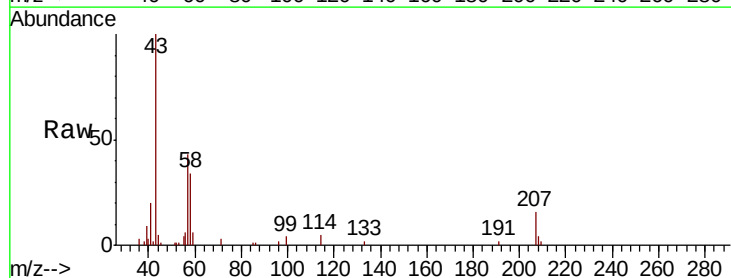
Acq: 09 Nov 2018 15:23

Tgt Ion: 43 Resp: 24526

Ion Ratio Lower Upper

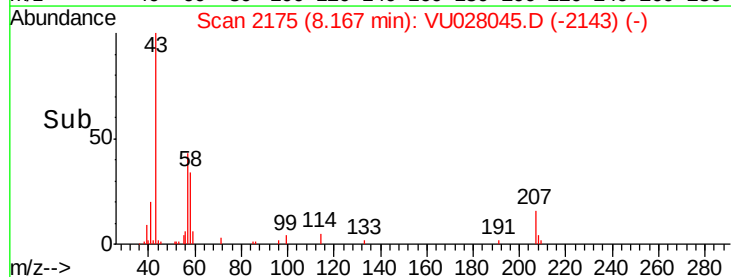
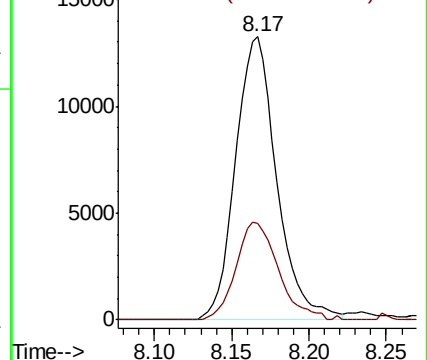
43 100

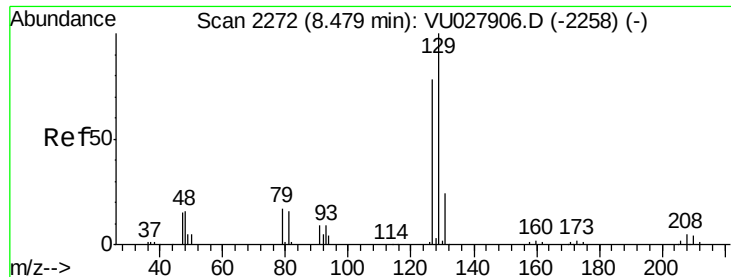
58 35.3 25.8 77.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

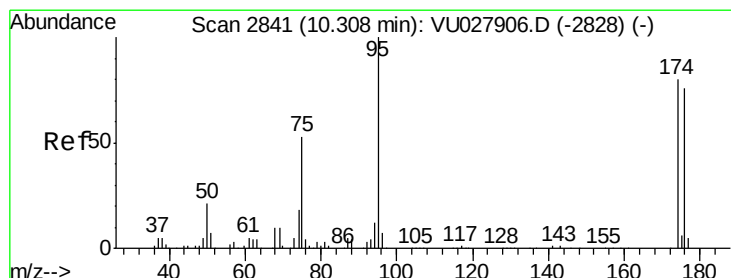
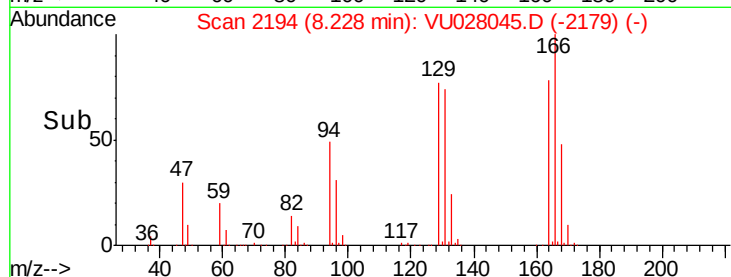
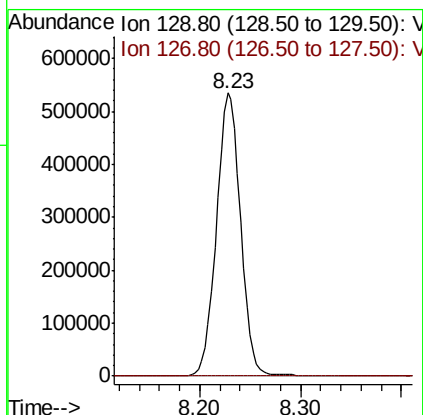
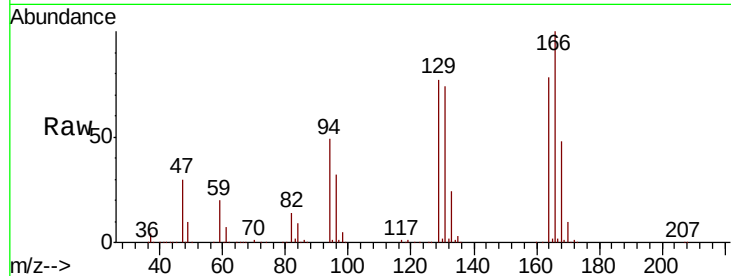




#60
 Dibromochloromethane
 Concen: 305.050 ug/l
 RT: 8.23 min Scan# 2194
 Delta R.T. -0.25 min
 Lab File: VU028045.D
 Acq: 09 Nov 2018 15:23

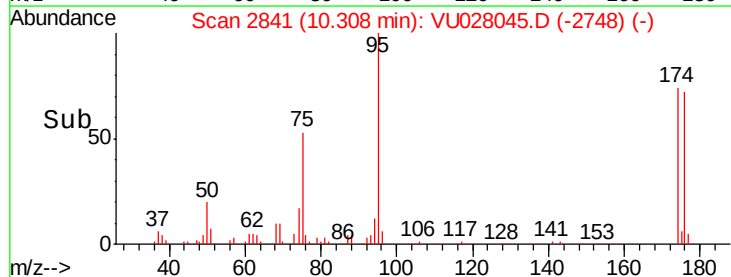
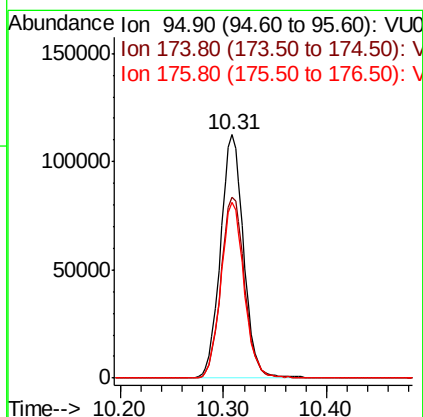
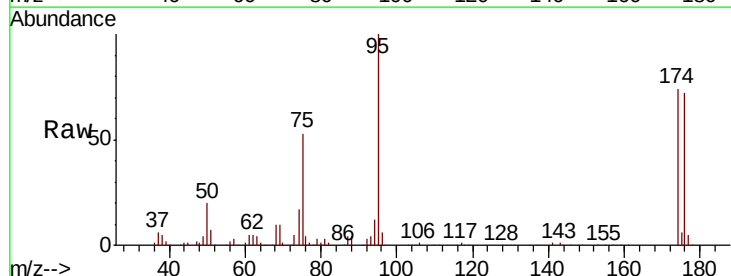
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

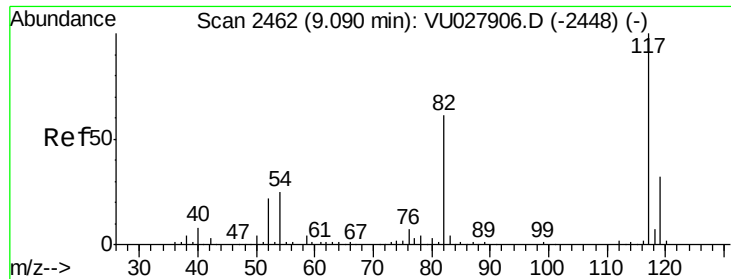
Tot Ion:129 Resp: 885044
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.2 117.6#



#62
 4-Bromofluorobenzene
 Concen: 48.708 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU028045.D
 Acq: 09 Nov 2018 15:23

Tgt Ion: 95 Resp: 175174
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 156.4
 176 72.7 0.0 150.8

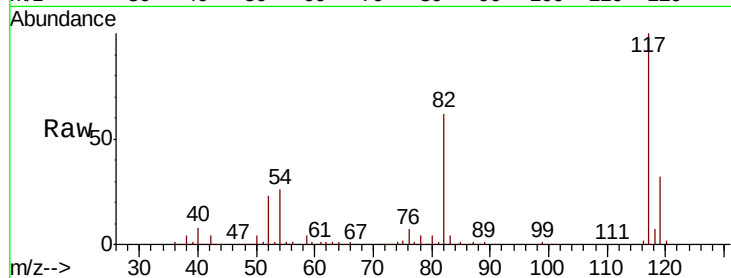




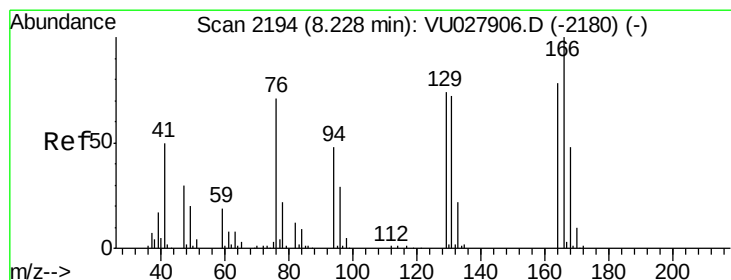
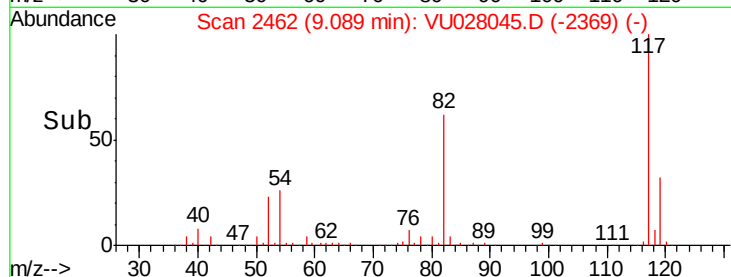
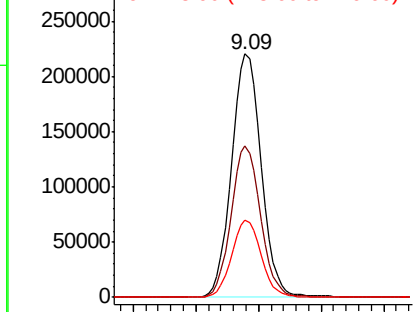
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028045.D
Acq: 09 Nov 2018 15:23

Instrument :
MSVOA_U
ClientSampled :
MW-2

Tot Ion:117 Resp: 362768
Ion Ratio Lower Upper
117 100
82 62.0 48.6 73.0
119 31.7 25.8 38.8

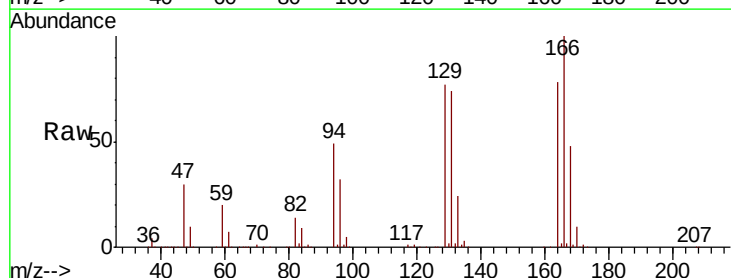


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

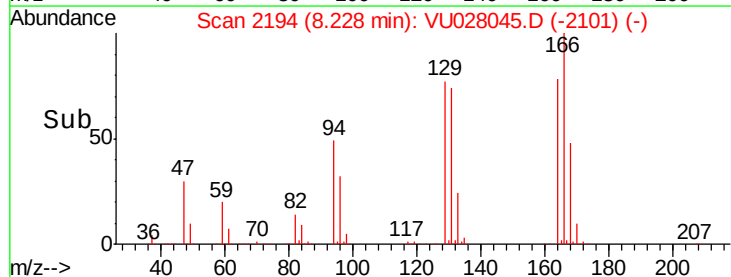
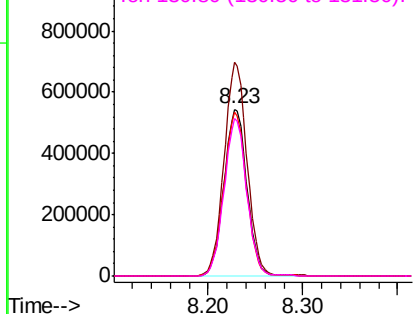


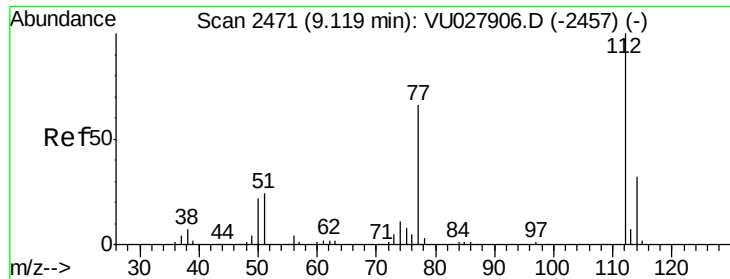
#64
Tetrachloroethene
Concen: 391.594 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028045.D
Acq: 09 Nov 2018 15:23

Tgt Ion:164 Resp: 921142
Ion Ratio Lower Upper
164 100
166 128.0 102.1 153.1
129 98.2 75.9 113.9
131 94.4 73.0 109.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 0.678 ug/l

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU028045.D

Acq: 09 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

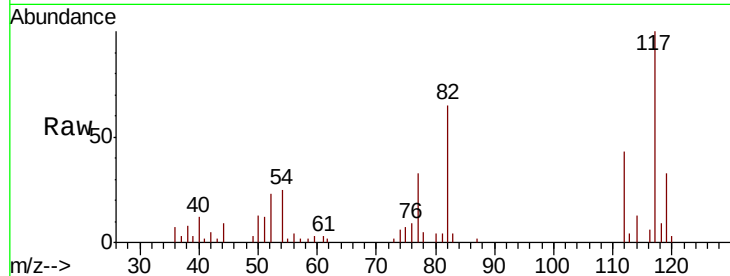
MW-2

Tot Ion:112 Resp: 5199

Ion Ratio Lower Upper

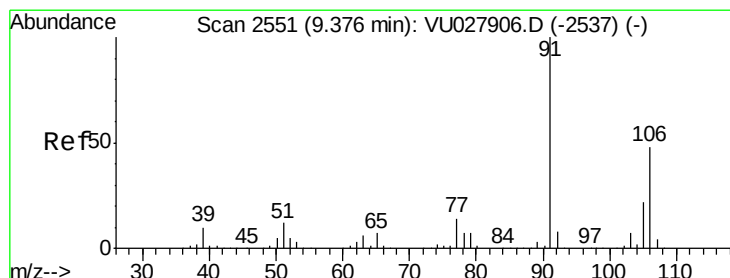
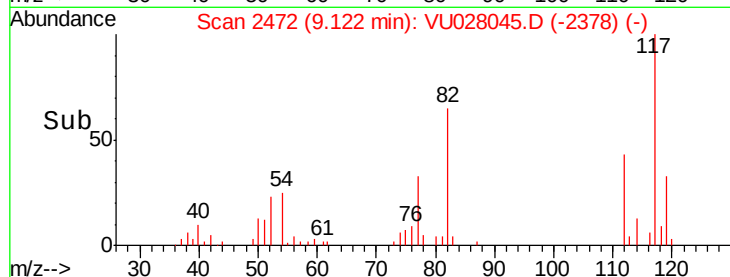
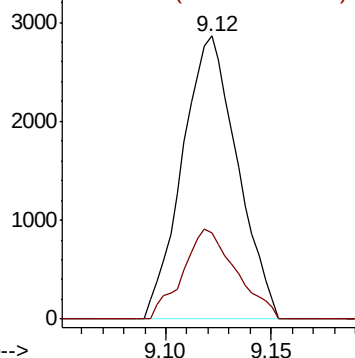
112 100

114 30.6 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#68

m/p-Xylenes

Concen: 0.697 ug/l

RT: 9.38 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VU028045.D

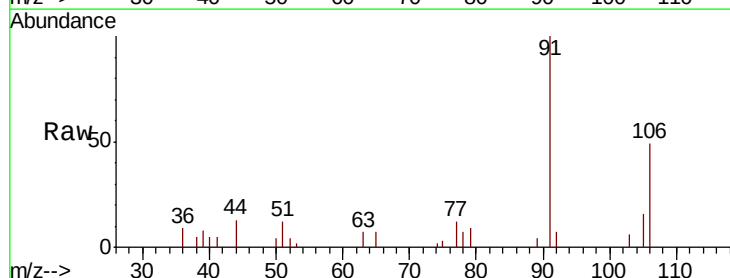
Acq: 09 Nov 2018 15:23

Tgt Ion:106 Resp: 3568

Ion Ratio Lower Upper

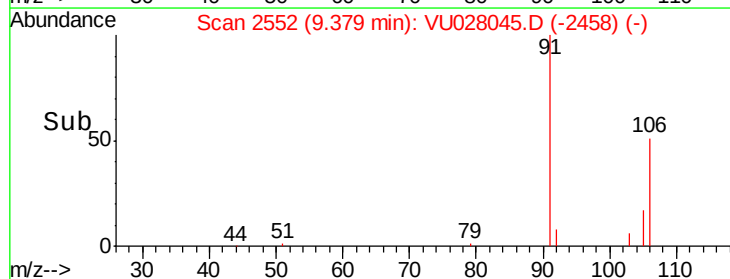
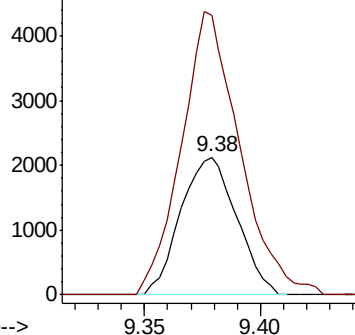
106 100

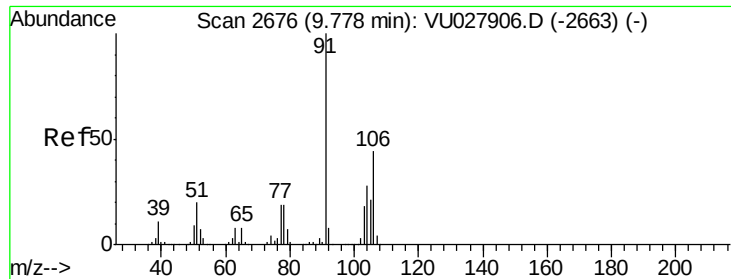
91 214.4 168.2 252.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

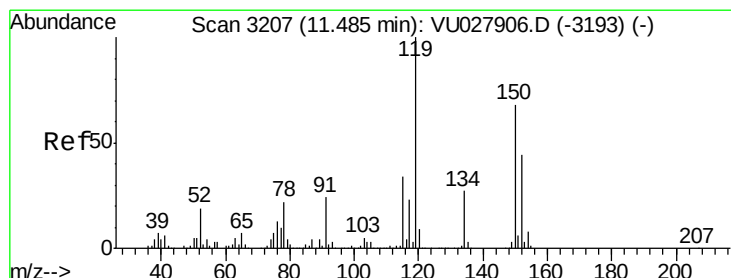
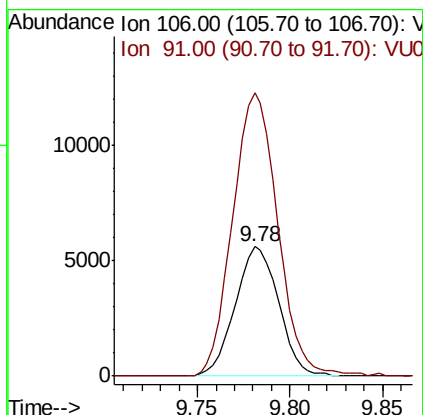
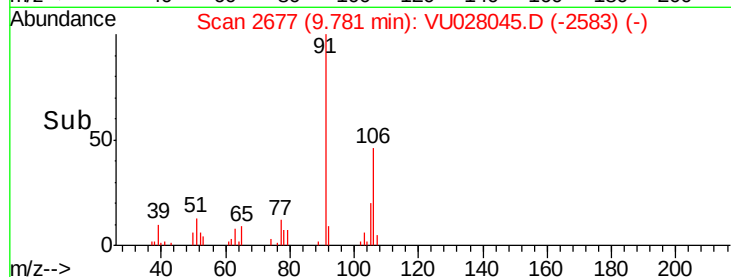
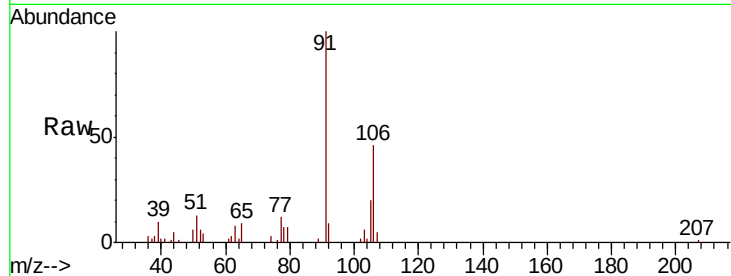




#69
o-Xylene
Concen: 1.771 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028045.D
Acq: 09 Nov 2018 15:23

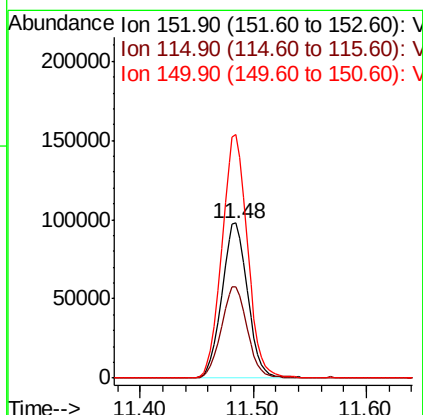
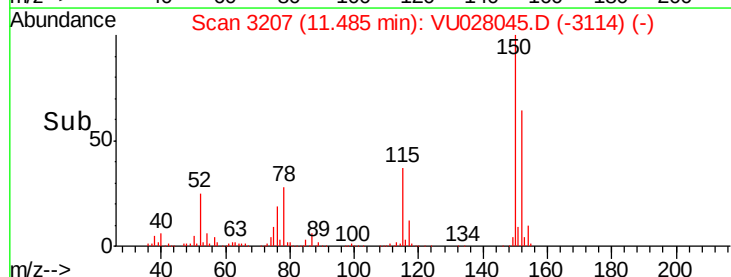
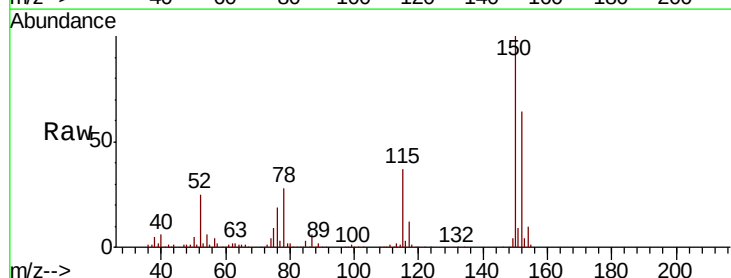
Instrument :
MSVOA_U
ClientSampleId :
MW-2

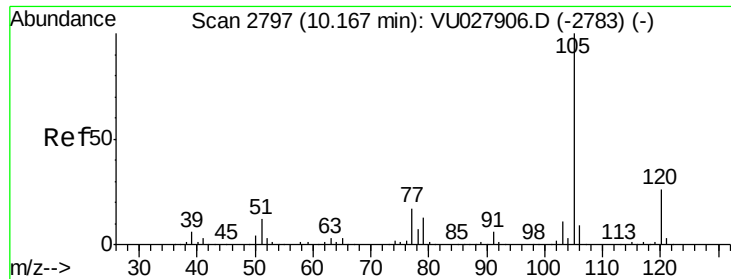
Tot Ion:106 Resp: 9155
Ion Ratio Lower Upper
106 100
91 226.9 111.1 333.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU028045.D
Acq: 09 Nov 2018 15:23

Tgt Ion:152 Resp: 155420
Ion Ratio Lower Upper
152 100
115 59.4 43.0 129.0
150 156.1 0.0 349.4





#73

Isopropylbenzene

Concen: 1.725 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU028045.D

Acq: 09 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

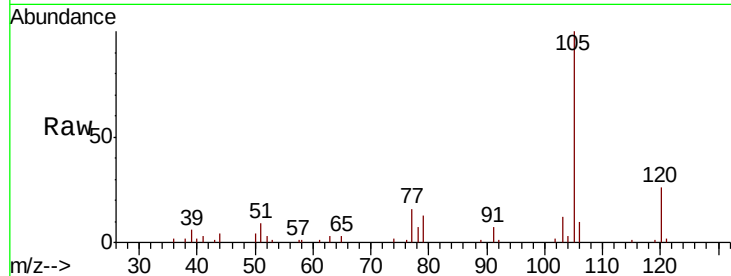
MW-2

Tot Ion:105 Resp: 20773

Ion Ratio Lower Upper

105 100

120 25.5 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

15000

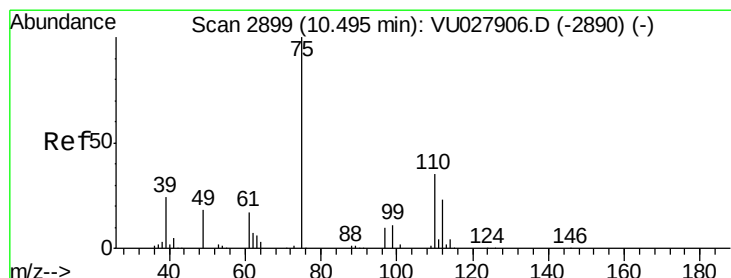
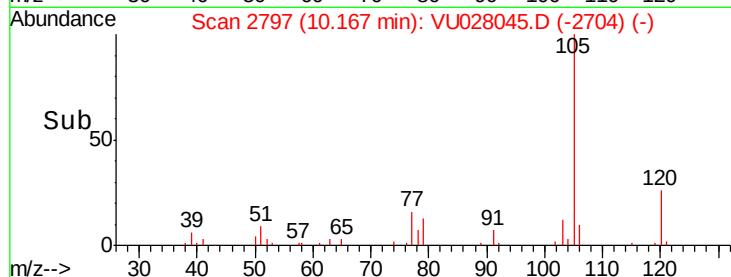
10000

5000

0

Time-->

10.10 10.15 10.20 10.25



#76

1,2,3-Trichloropropane

Concen: 22.024 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU028045.D

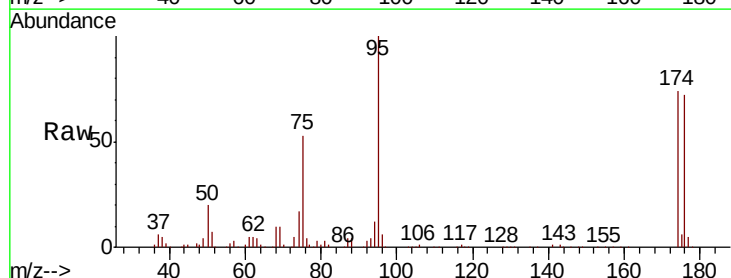
Acq: 09 Nov 2018 15:23

Tgt Ion: 75 Resp: 93627

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.31

60000

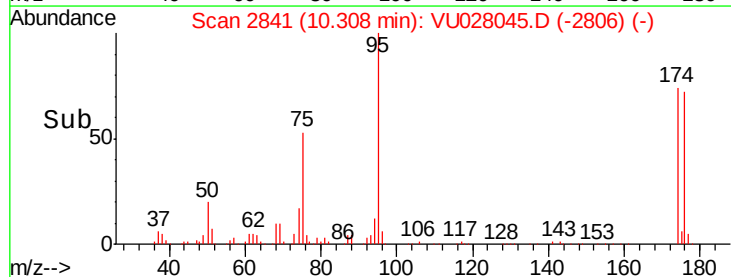
40000

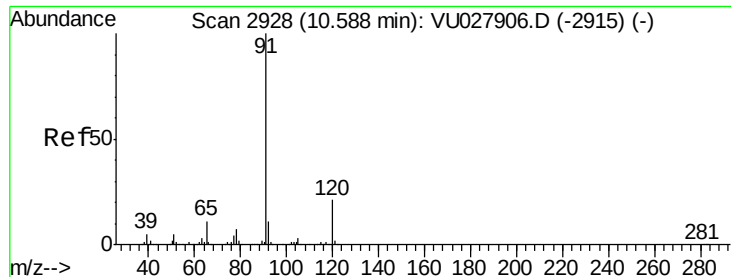
20000

0

Time-->

10.25 10.30 10.35 10.40





#78

n-propylbenzene

Concen: 0.520 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU028045.D

Acq: 09 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

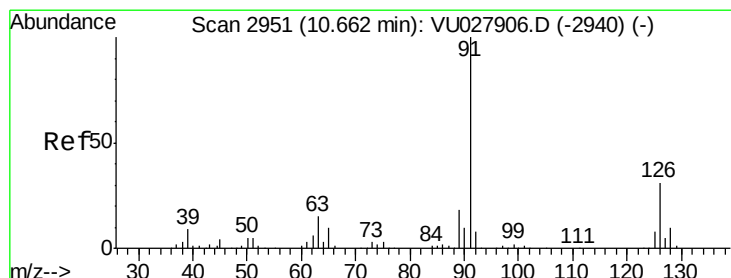
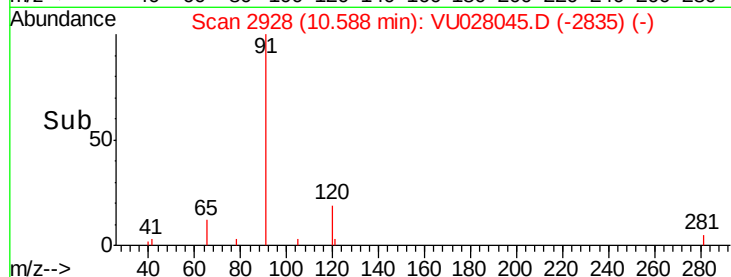
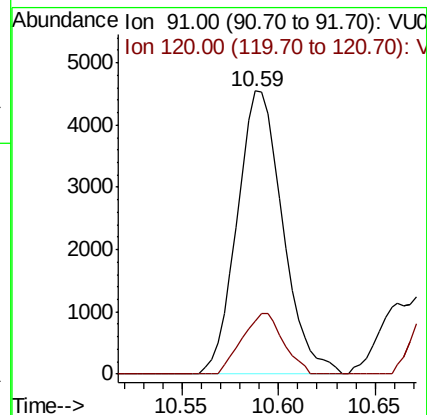
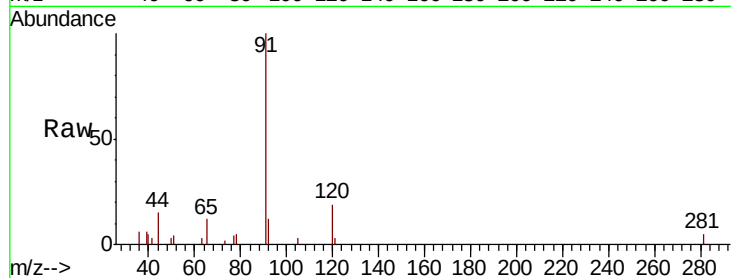
MW-2

Tot Ion: 91 Resp: 7488

Ion Ratio Lower Upper

91 100

120 19.4 10.6 31.8



#79

2-Chlorotoluene

Concen: 0.424 ug/l

RT: 10.67 min Scan# 2955

Delta R.T. 0.01 min

Lab File: VU028045.D

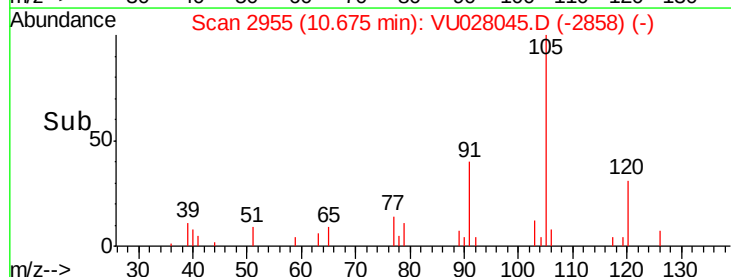
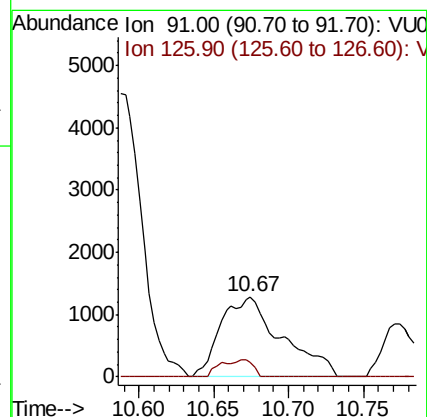
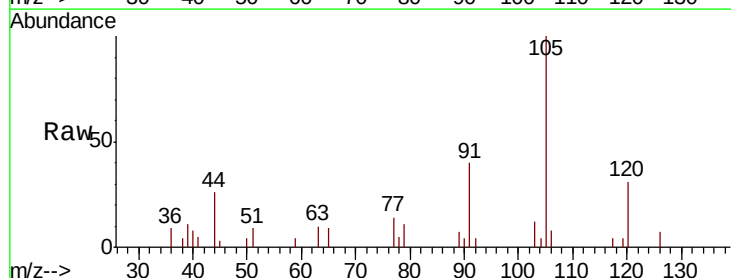
Acq: 09 Nov 2018 15:23

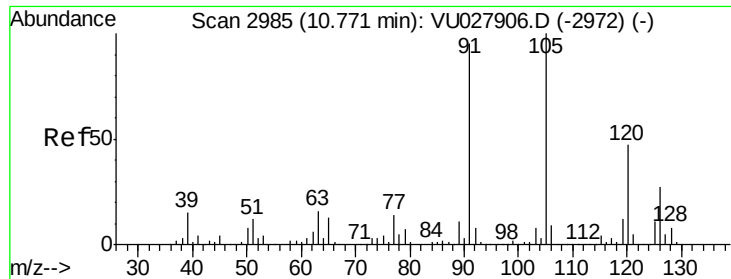
Tgt Ion: 91 Resp: 3662

Ion Ratio Lower Upper

91 100

126 11.2 16.0 47.9#

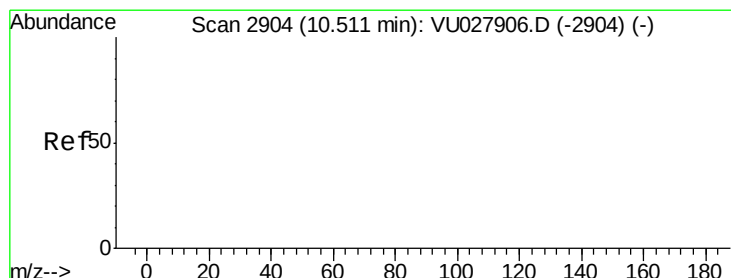
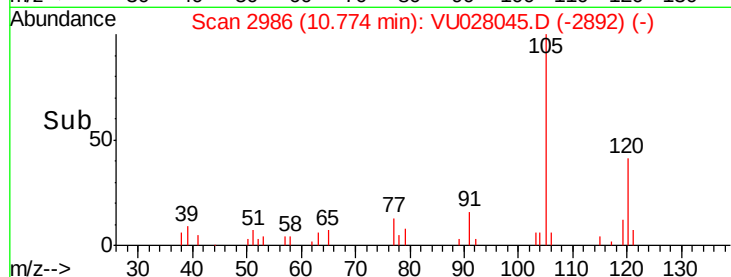
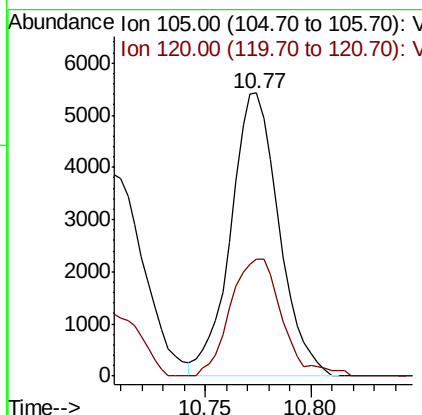
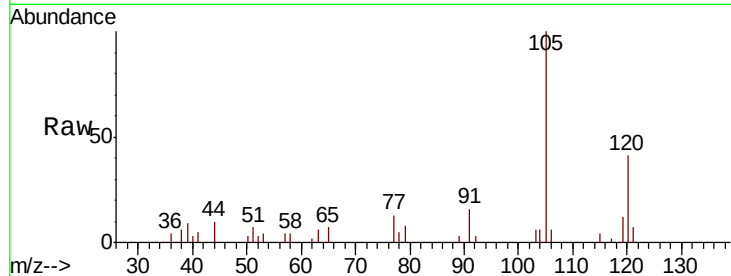




#80
 1,3,5-Trimethylbenzene
 Concen: 0.864 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU028045.D
 Acq: 09 Nov 2018 15:23

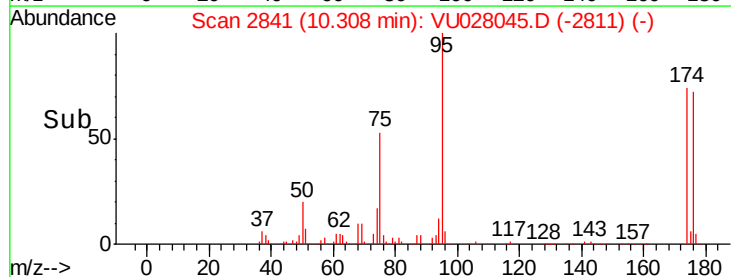
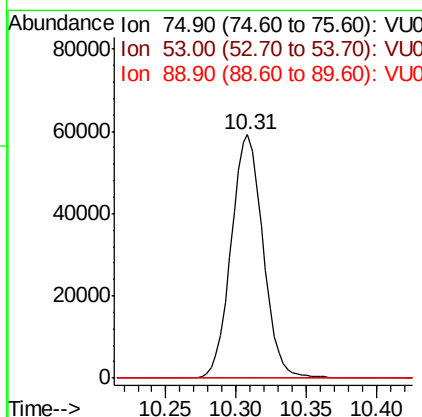
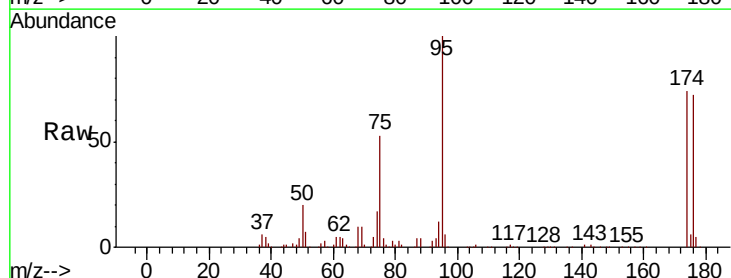
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

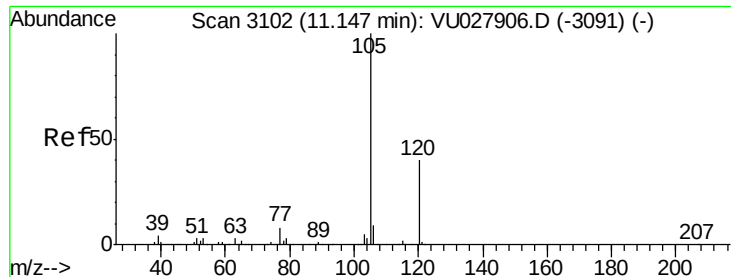
Tot Ion:105 Resp: 8620
 Ion Ratio Lower Upper
 105 100
 120 44.3 23.3 69.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.962 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU028045.D
 Acq: 09 Nov 2018 15:23

Tgt Ion: 75 Resp: 93627
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

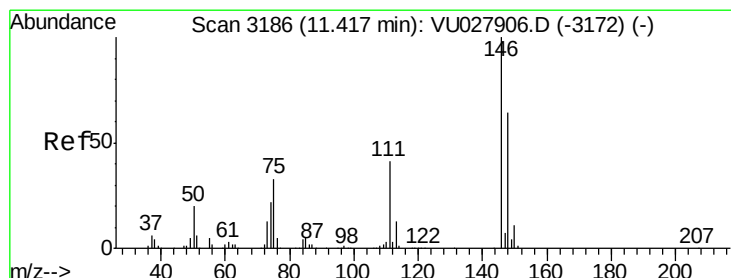
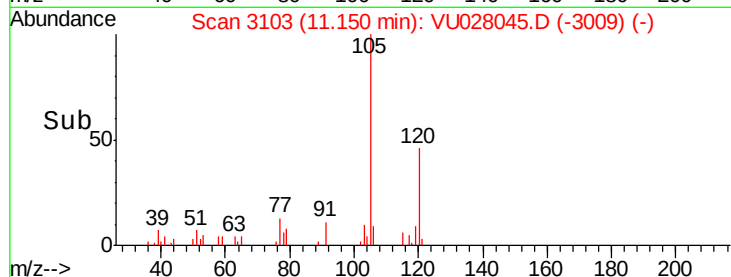
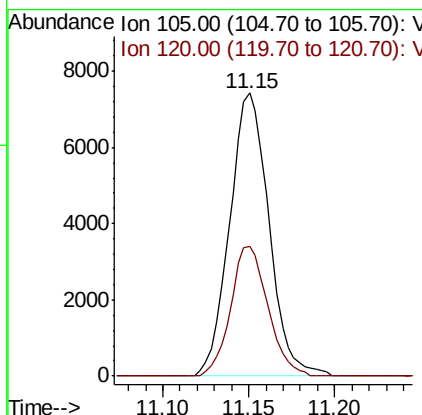
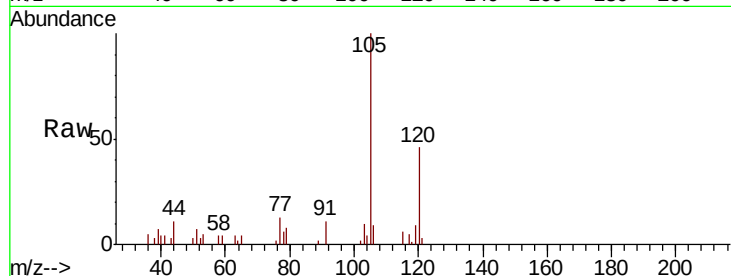




#84
 1,2,4-Trimethylbenzene
 Concen: 1.176 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU028045.D
 Acq: 09 Nov 2018 15:23

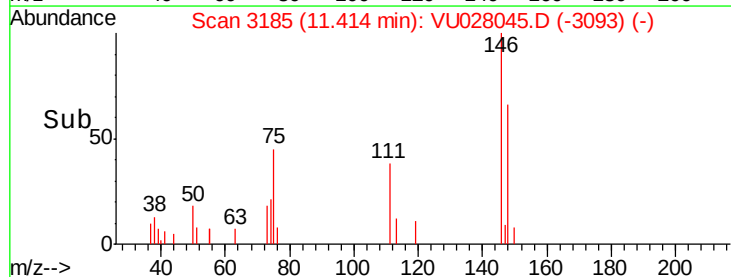
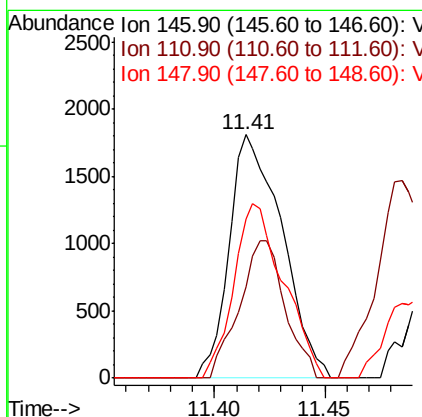
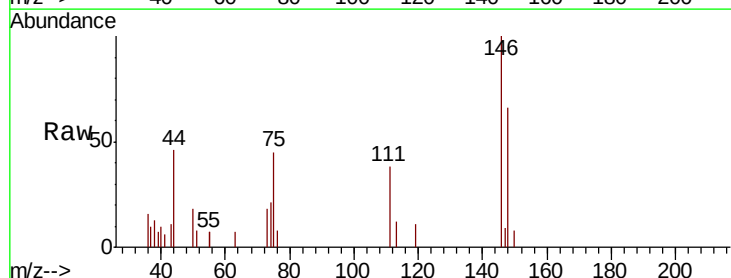
Instrument :
 MSVOA_U
 ClientSampled :
 MW-2

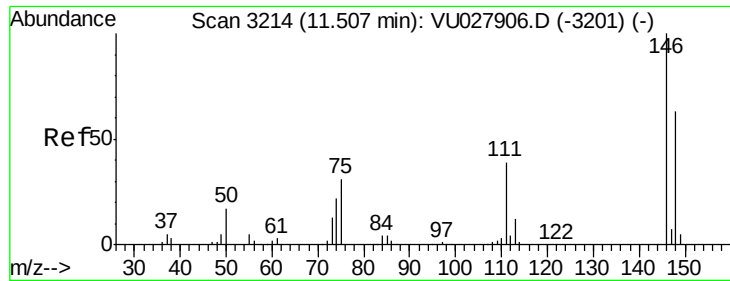
Tot Ion:105 Resp: 11808
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.1



#87
 1,3-Dichlorobenzene
 Concen: 0.588 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU028045.D
 Acq: 09 Nov 2018 15:23

Tgt Ion:146 Resp: 3000
 Ion Ratio Lower Upper
 146 100
 111 48.7 20.3 61.0
 148 67.5 31.8 95.4





#88

1,4-Dichlorobenzene

Concen: 0.574 ug/l

RT: 11.41 min Scan# 3185

Delta R.T. -0.09 min

Lab File: VU028045.D

Acq: 09 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampled :

MW-2

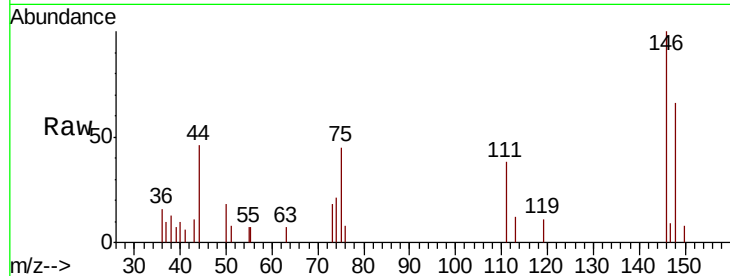
Tot Ion:146 Resp: 3000

Ion Ratio Lower Upper

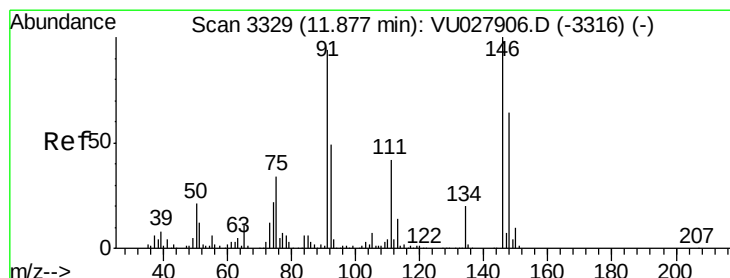
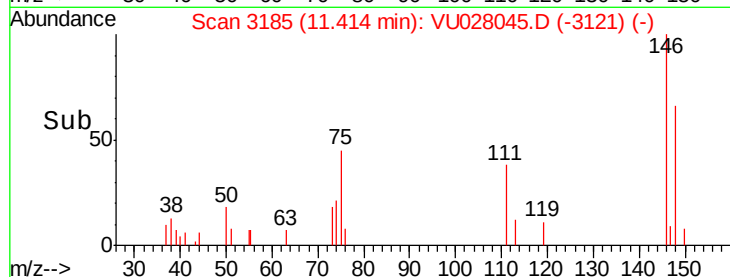
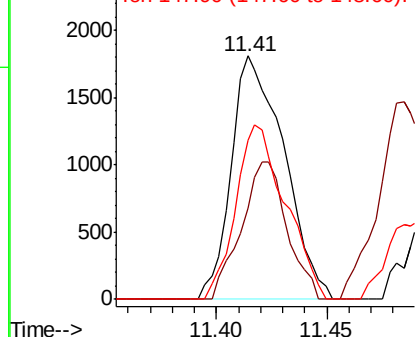
146 100

111 48.7 20.3 60.9

148 67.5 32.0 96.2



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



#91

1,2-Dichlorobenzene

Concen: 1.490 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU028045.D

Acq: 09 Nov 2018 15:23

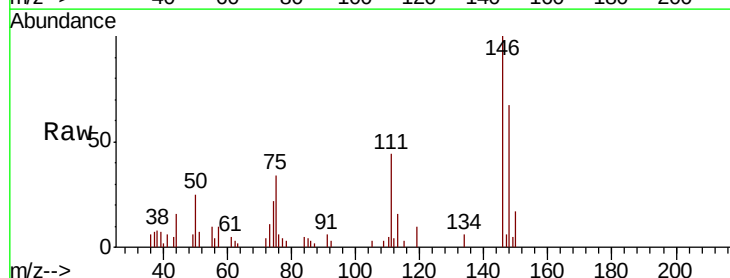
Tgt Ion:146 Resp: 7641

Ion Ratio Lower Upper

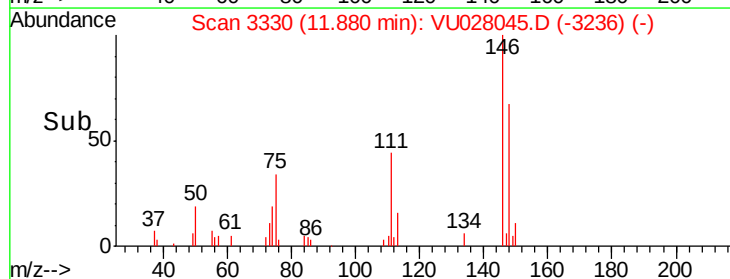
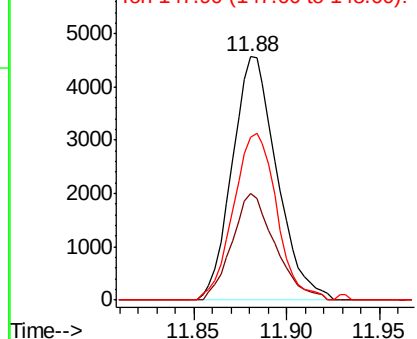
146 100

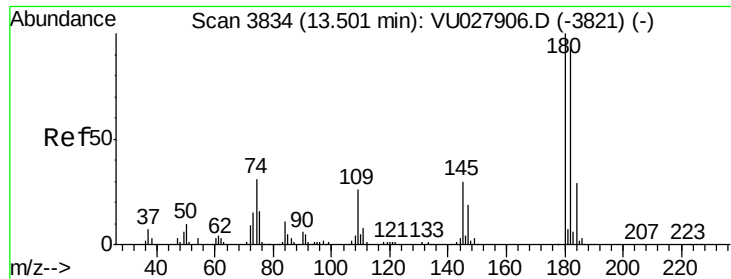
111 42.3 21.3 64.0

148 66.5 31.8 95.3



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





#93

1,2,4-Trichlorobenzene

Concen: 1.216 ug/l

RT: 13.51 min Scan# 3837

Delta R.T. 0.01 min

Lab File: VU028045.D

Acq: 09 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

MW-2

Tot Ion:180 Resp: 1937

Ion Ratio Lower Upper

180 100

182 47.5 48.4 145.2#

145 24.1 14.9 44.5

