

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025148.D
 Acq On : 02 Jul 2018 17:14
 Operator : MD/SY
 Sample : J3771-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 REACTOR-PAD

Quant Time: Jul 03 03:00:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

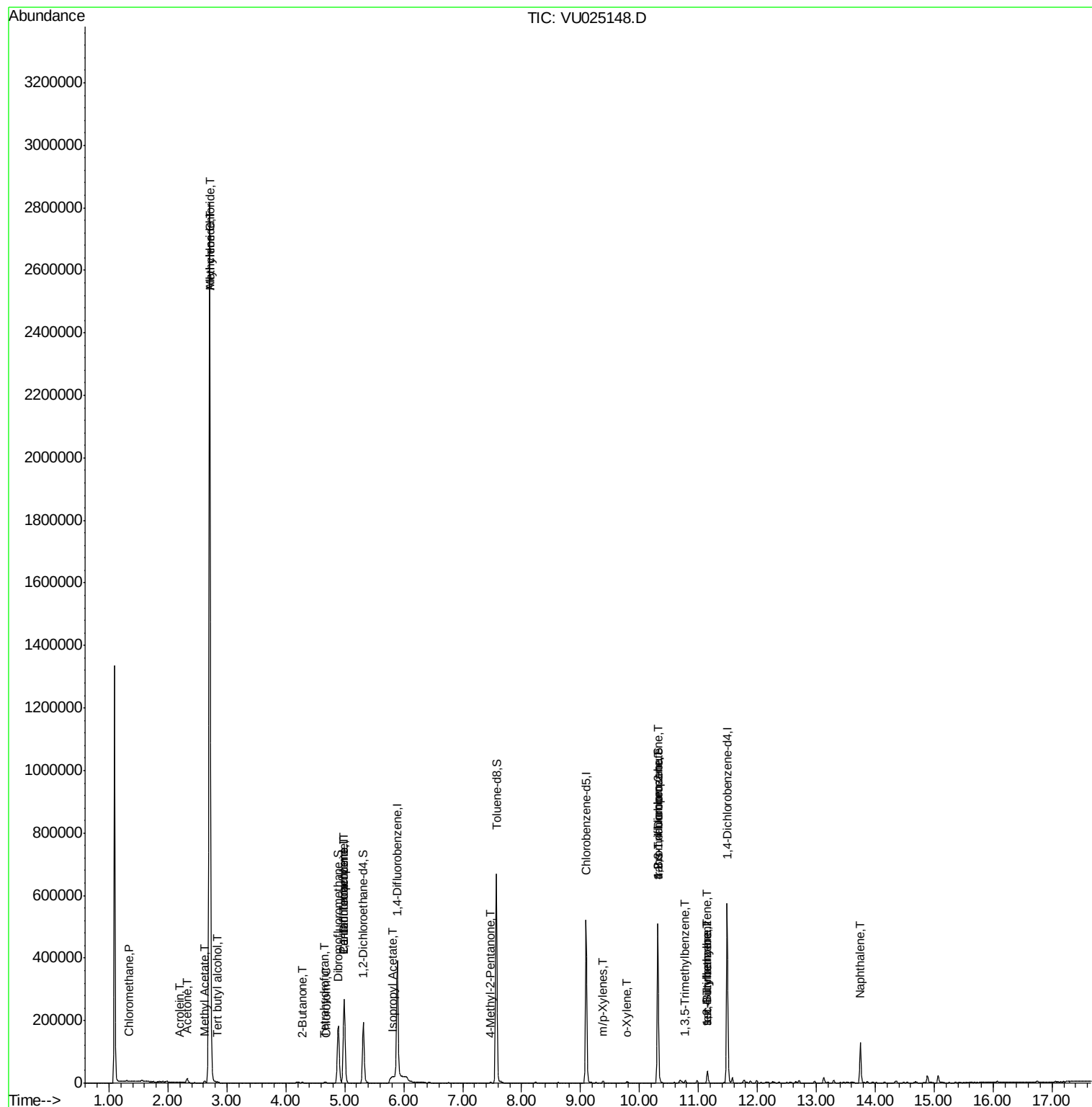
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	205182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	312820	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	158593	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	4.89	113	124133	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	7.57	98	448341	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
62) 4-Bromofluorobenzene	10.31	95	165457	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	526	0.200	ug/l #	82
6) Chloroethane	1.72	64	47	Below Cal	#	43
8) Diethyl Ether	2.10	74	61	Below Cal	#	1
11) Tert butyl alcohol	2.83	59	1030	1.264	ug/l #	72
13) Acrolein	2.20	56	135	0.316	ug/l	95
14) Allyl chloride	2.71	41	42839	9.876	ug/l #	20
16) Acetone	2.32	43	15762	8.758	ug/l	89
18) Methyl Acetate	2.62	43	8835	2.290	ug/l	100
20) Methylene Chloride	2.71	84	1255253	444.503	ug/l	97
25) 2-Butanone	4.27	43	3366	1.392	ug/l	95
29) Tetrahydrofuran	4.65	42	855	0.571	ug/l #	68
30) Chloroform	4.68	83	1553	0.310	ug/l #	79
31) Cyclohexane	4.99	56	4049	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	15159	4.124	ug/l #	52
38) Carbon Tetrachloride	4.99	117	20204	4.998	ug/l #	17
43) Isopropyl Acetate	5.81	43	24461	3.532	ug/l #	62
51) 4-Methyl-2-Pentanone	7.46	43	1075	0.247	ug/l	95
68) m/p-Xylenes	9.38	106	2102	0.429	ug/l	89
69) o-Xylene	9.79	106	983	0.203	ug/l	63
76) 1,2,3-Trichloropropane	10.31	75	86625	25.942	ug/l #	35
80) 1,3,5-Trimethylbenzene	10.78	105	5082	0.504	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.31	75	86625	60.040	ug/l #	100
83) tert-Butylbenzene	11.15	119	2415	0.249	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.15	105	21621	2.102	ug/l	98
85) sec-Butylbenzene	11.15	105	21621	1.779	ug/l #	57
95) Naphthalene	13.75	128	103694	9.851	ug/l	99

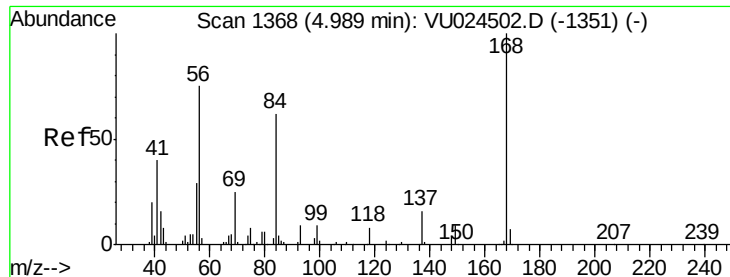
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070218\
Data File : VU025148.D
Acq On : 02 Jul 2018 17:14
Operator : MD/SY
Sample : J3771-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
REACTOR-PAD

Quant Time: Jul 03 03:00:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

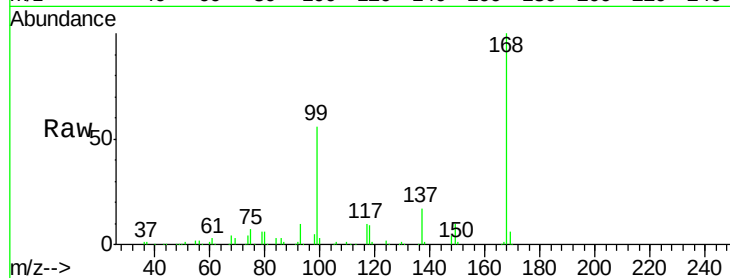
REACTOR-PAD

Tot Ion:168 Resp: 205182

Ion Ratio Lower Upper

168 100

99 55.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025148.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025148.D (-1275) (-)

4.99

100000

80000

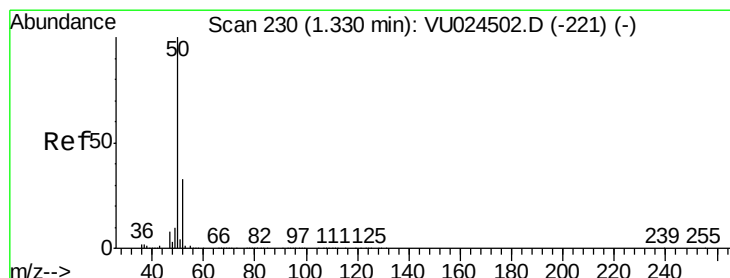
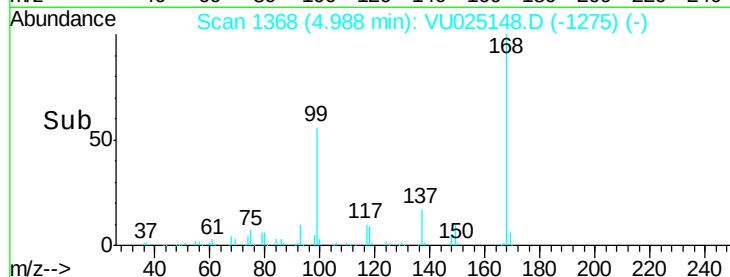
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.200 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025148.D

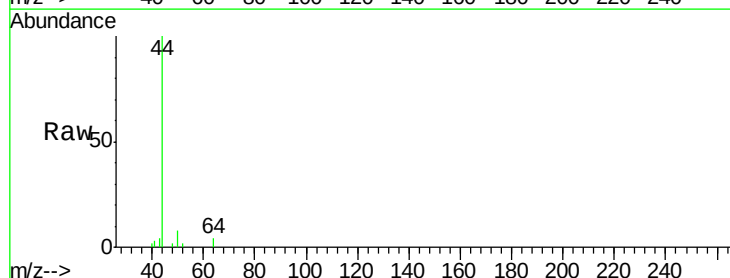
Acq: 02 Jul 2018 17:14

Tgt Ion: 50 Resp: 526

Ion Ratio Lower Upper

50 100

52 22.6 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VU025148.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU025148.D (-137) (-)

1.33

500

400

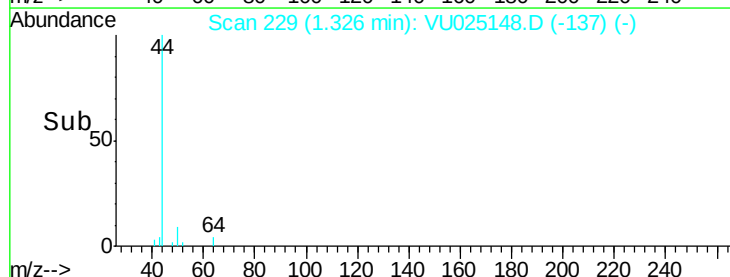
300

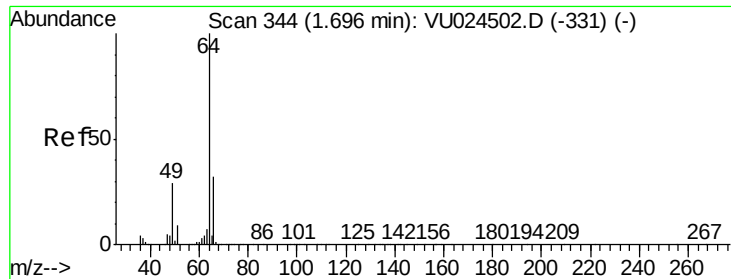
200

100

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 351

Delta R.T. 0.02 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

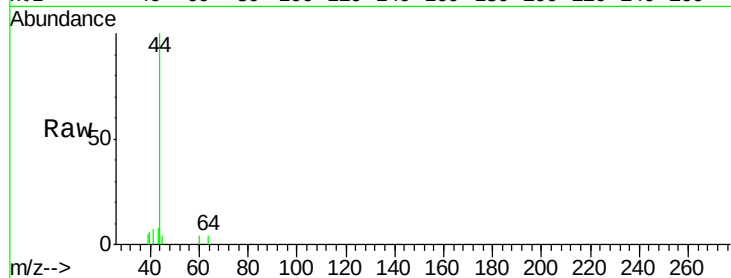
REACTOR-PAD

Tot Ion: 64 Resp: 47

Ion Ratio Lower Upper

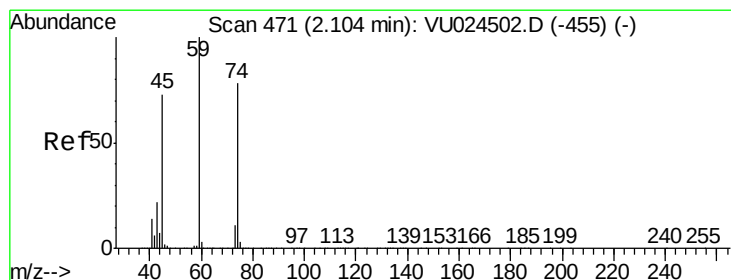
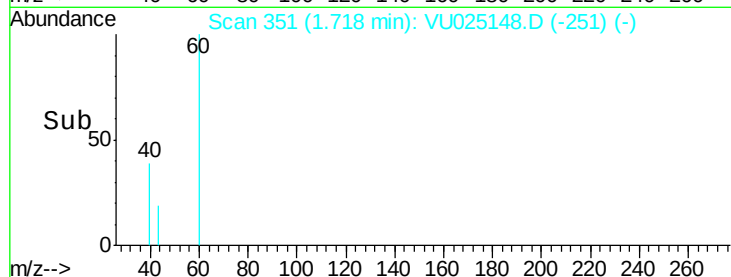
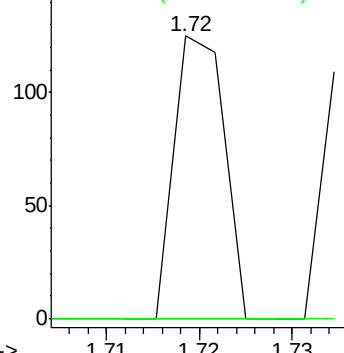
64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



#8

Diethyl Ether

Concen: Below Cal

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025148.D

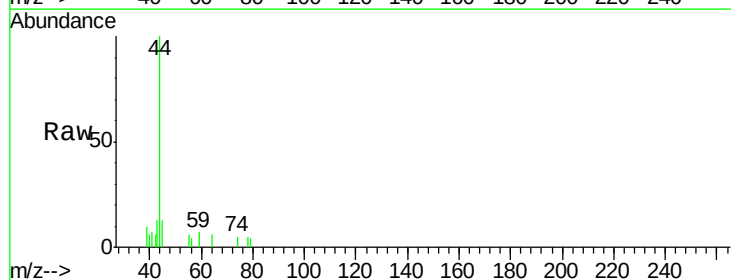
Acq: 02 Jul 2018 17:14

Tgt Ion: 74 Resp: 61

Ion Ratio Lower Upper

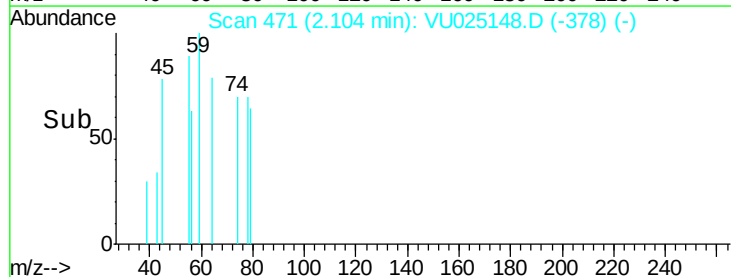
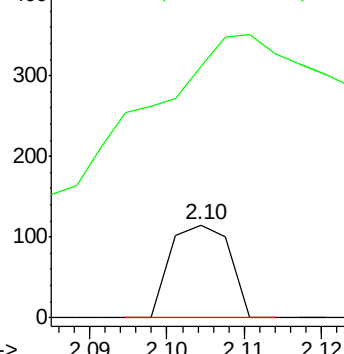
74 100

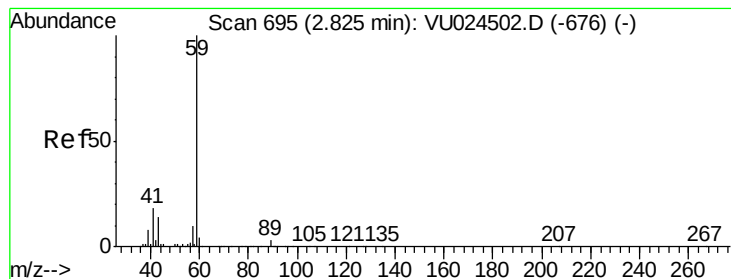
45 662.3 55.0 165.0#



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0



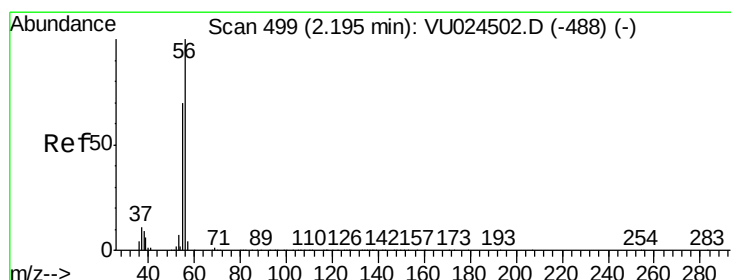
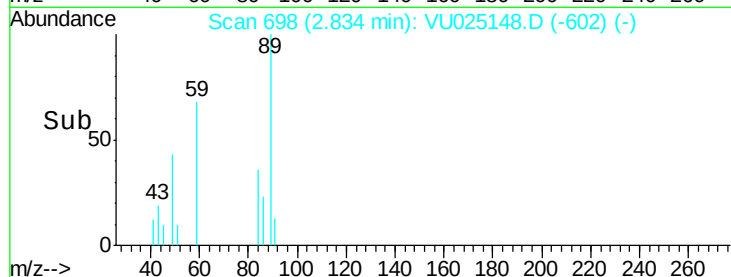
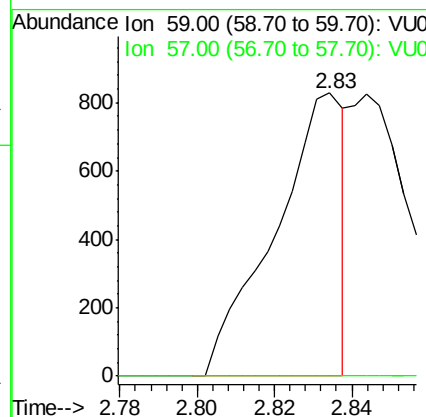
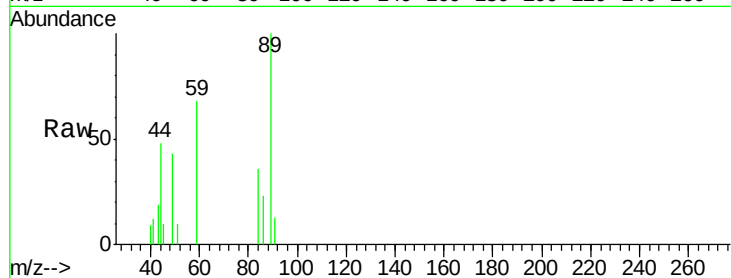


#11

Tert butyl alcohol
 Concen: 1.264 ug/l
 RT: 2.83 min Scan# 698
 Delta R.T. 0.01 min
 Lab File: VU025148.D
 Acq: 02 Jul 2018 17:14

Instrument :
 MSVOA_U
 ClientSampleId :
 REACTOR-PAD

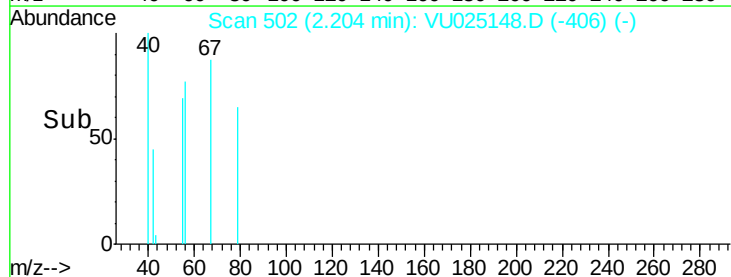
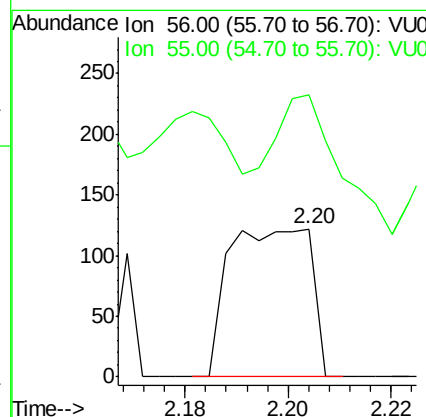
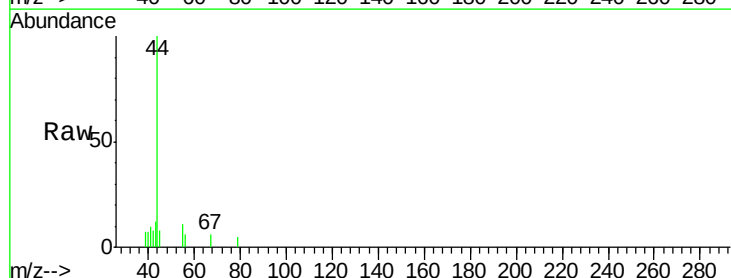
Tot Ion: 59 Resp: 1030
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

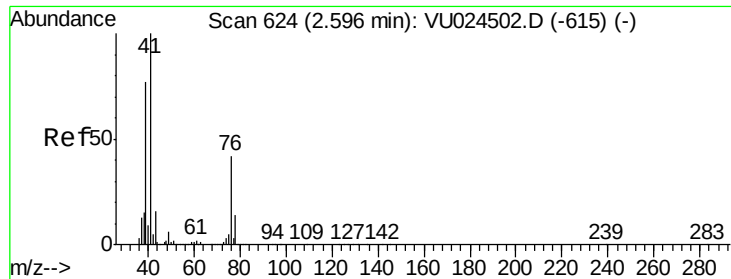


#13

Acrolein
 Concen: 0.316 ug/l
 RT: 2.20 min Scan# 502
 Delta R.T. 0.01 min
 Lab File: VU025148.D
 Acq: 02 Jul 2018 17:14

Tgt Ion: 56 Resp: 135
 Ion Ratio Lower Upper
 56 100
 55 77.0 58.4 87.6

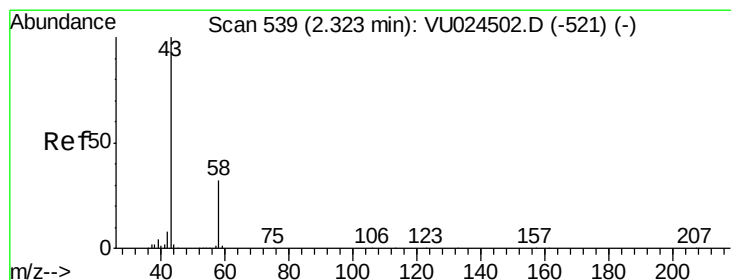
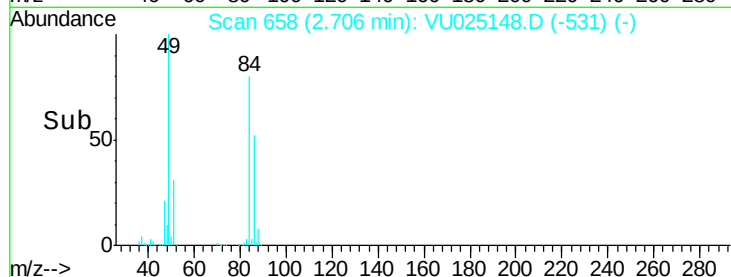
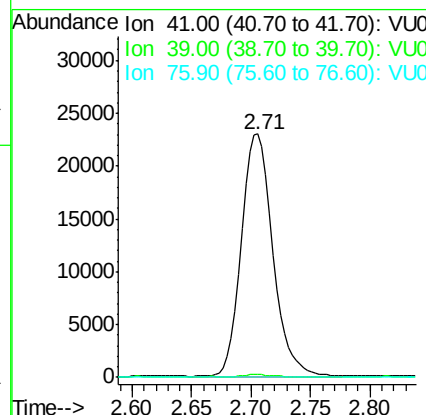
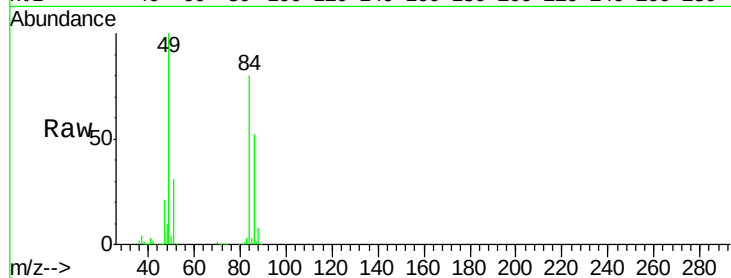




#14
Allvl chloride
Concen: 9.876 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.11 min
Lab File: VU025148.D
Acq: 02 Jul 2018 17:14

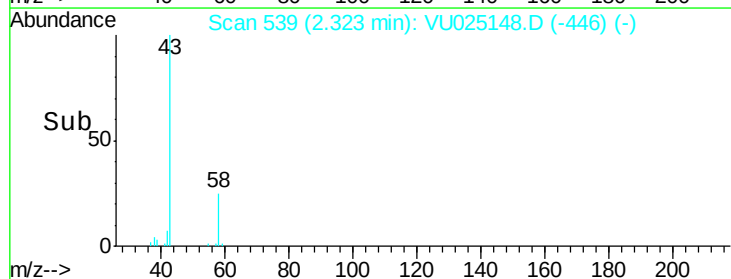
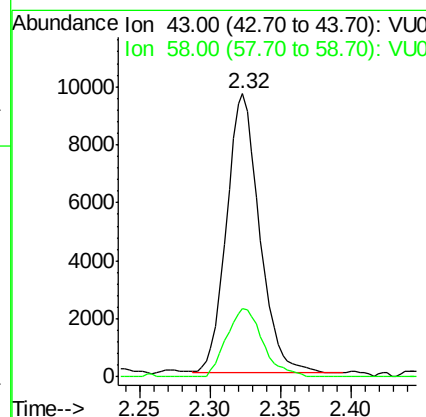
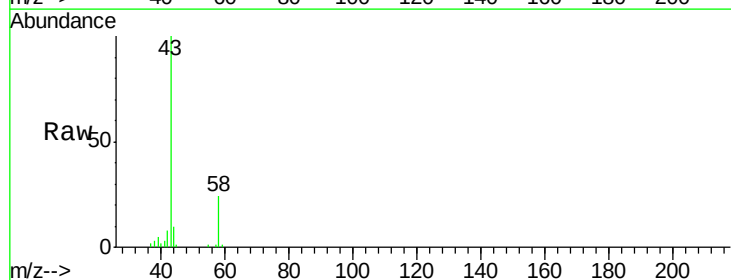
Instrument :
MSVOA_U
ClientSampleId :
REACTOR-PAD

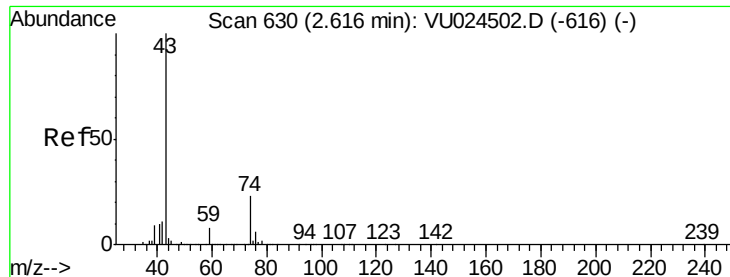
Tot Ion: 41 Resp: 42839
Ion Ratio Lower Upper
41 100
39 1.1 61.6 92.4#
76 0.0 29.7 44.5#



#16
Acetone
Concen: 8.758 ug/l
RT: 2.32 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU025148.D
Acq: 02 Jul 2018 17:14

Tgt Ion: 43 Resp: 15762
Ion Ratio Lower Upper
43 100
58 24.6 24.4 36.6

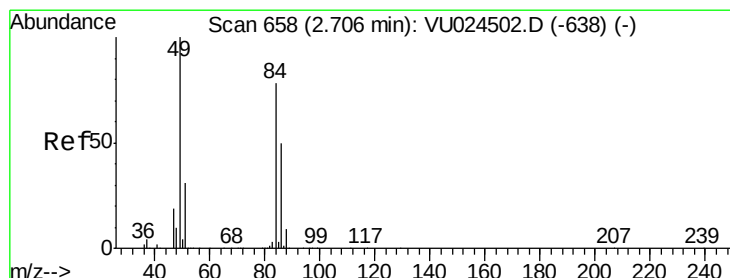
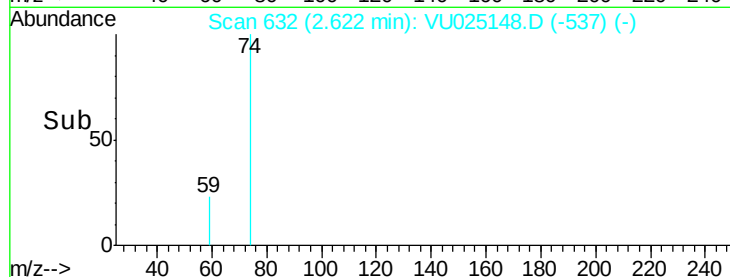
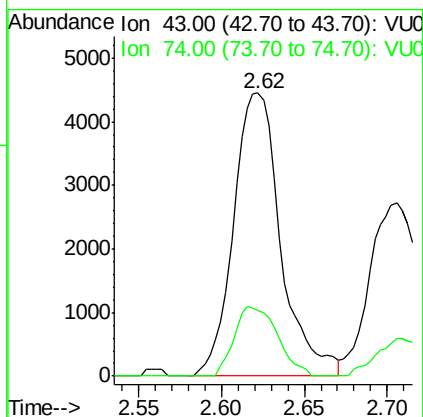
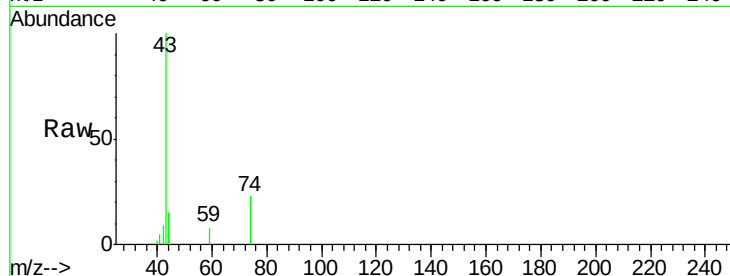




#18
Methyl Acetate
Concen: 2.290 ug/l
RT: 2.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU025148.D
Acq: 02 Jul 2018 17:14

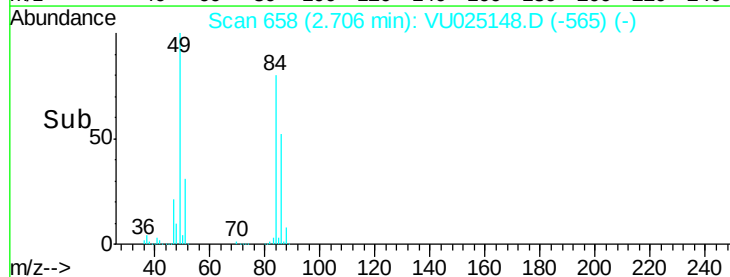
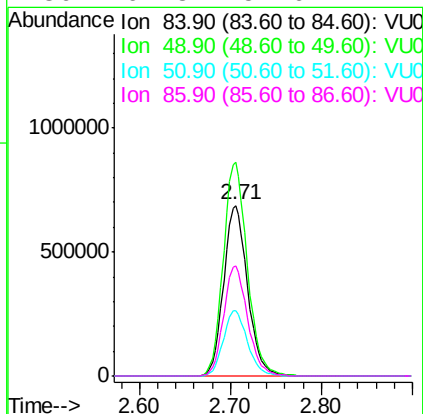
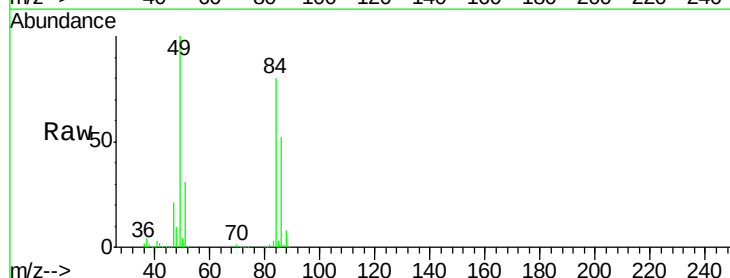
Instrument :
MSVOA_U
ClientSampleId :
REACTOR-PAD

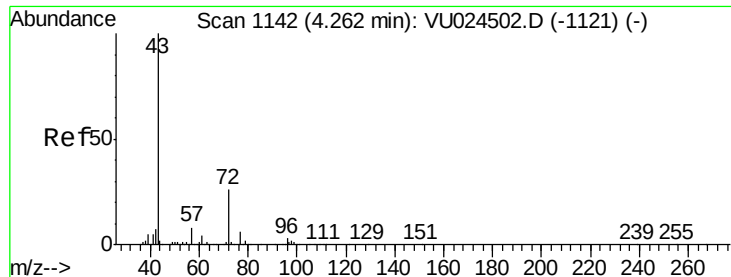
Tot Ion: 43 Resp: 8835
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0



#20
Methylene Chloride
Concen: 444.503 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025148.D
Acq: 02 Jul 2018 17:14

Tgt Ion: 84 Resp: 1255253
Ion Ratio Lower Upper
84 100
49 125.1 103.8 155.8
51 38.6 32.0 48.0
86 64.8 51.6 77.4

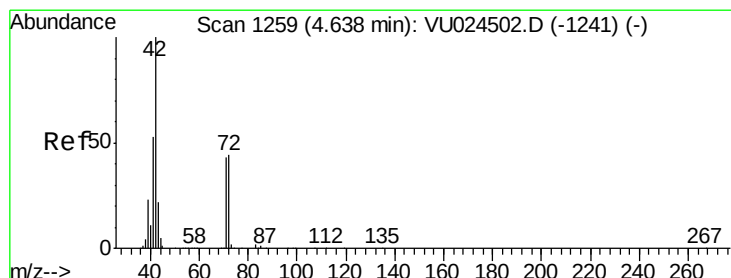
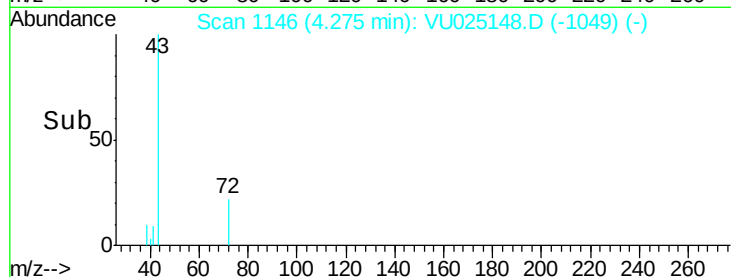
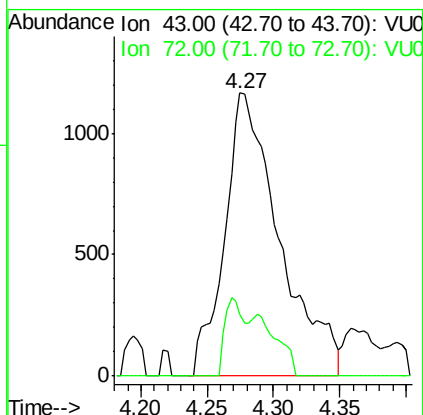
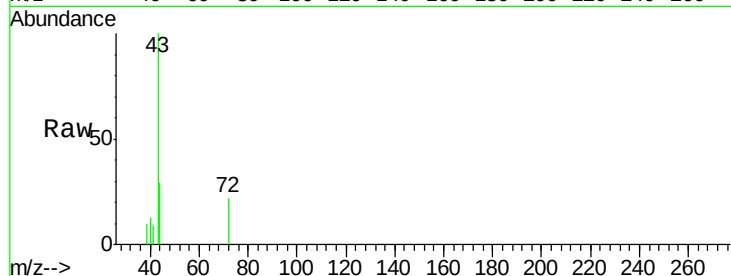




#25
2-Butanone
Concen: 1.392 ug/l
RT: 4.27 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VU025148.D
Acq: 02 Jul 2018 17:14

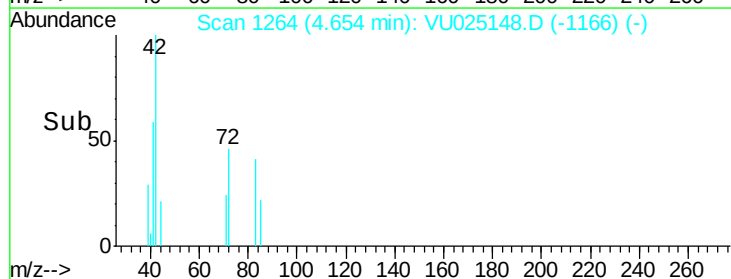
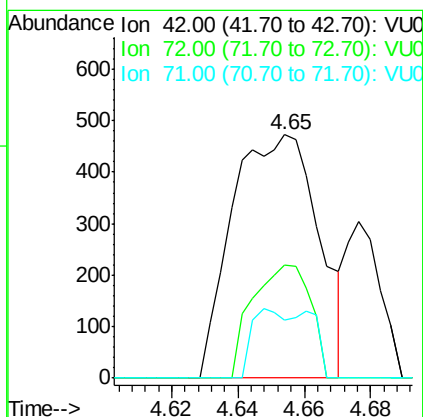
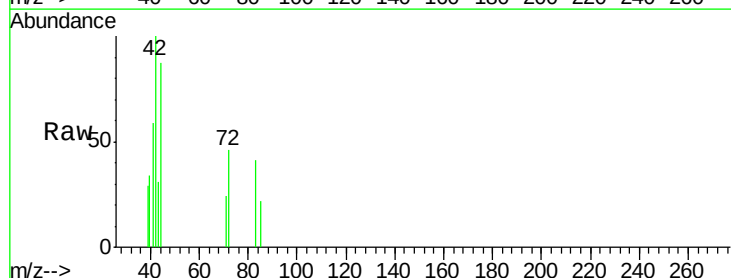
Instrument :
MSVOA_U
ClientSampleId :
REACTOR-PAD

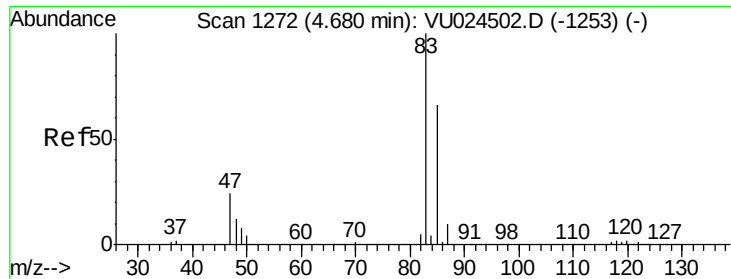
Tot Ion: 43 Resp: 3366
Ion Ratio Lower Upper
43 100
72 21.9 19.6 29.4



#29
Tetrahydrofuran
Concen: 0.571 ug/l
RT: 4.65 min Scan# 1264
Delta R.T. 0.02 min
Lab File: VU025148.D
Acq: 02 Jul 2018 17:14

Tgt Ion: 42 Resp: 855
Ion Ratio Lower Upper
42 100
72 31.5 34.5 51.7#
71 11.0 32.2 48.4#

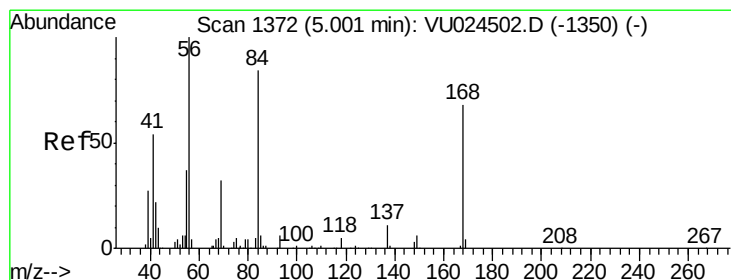
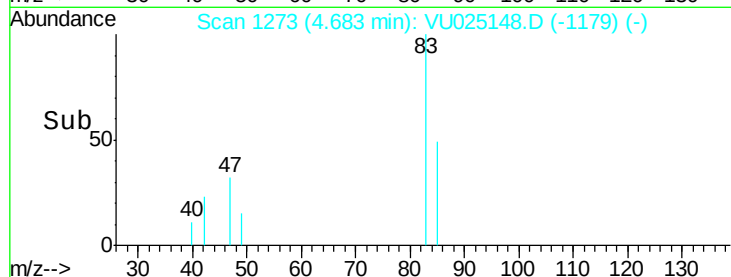
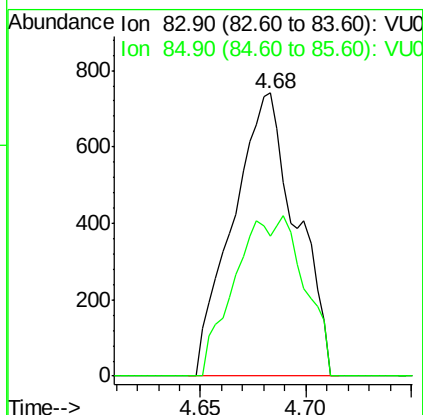
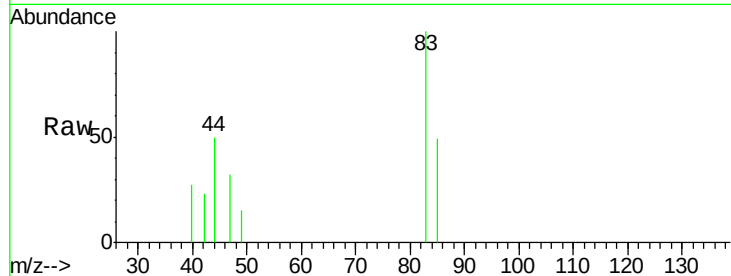




#30
Chloroform
Concen: 0.310 ug/l
RT: 4.68 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VU025148.D
Acq: 02 Jul 2018 17:14

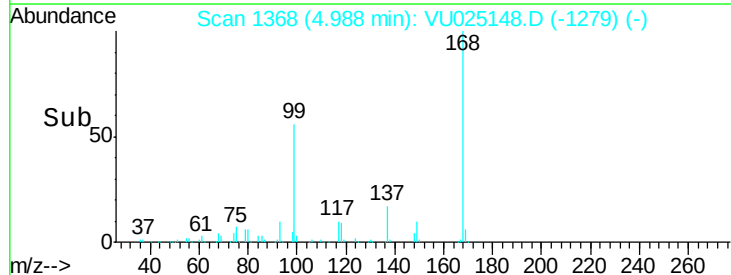
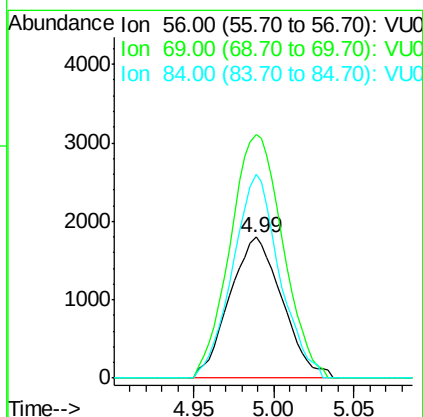
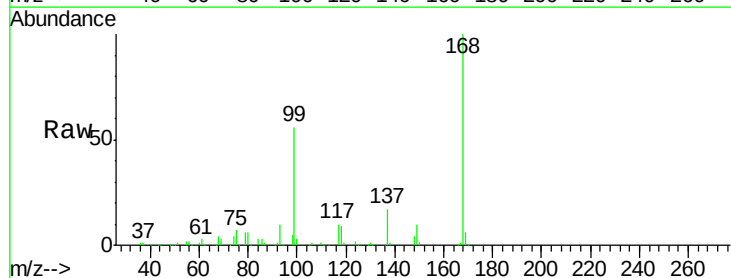
Instrument :
MSVOA_U
ClientSampleId :
REACTOR-PAD

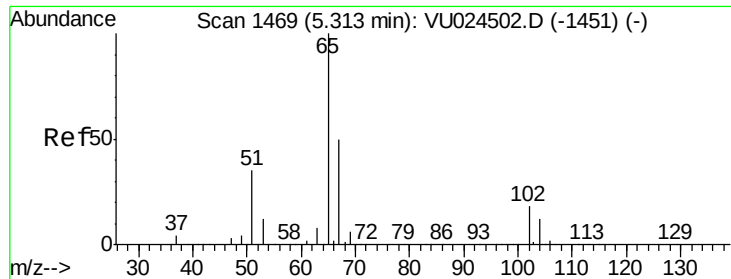
Tot Ion: 83 Resp: 1553
Ion Ratio Lower Upper
83 100
85 49.3 52.4 78.6#



#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VU025148.D
Acq: 02 Jul 2018 17:14

Tgt Ion: 56 Resp: 4049
Ion Ratio Lower Upper
56 100
69 172.4 24.8 37.2#
84 144.3 65.2 97.8#

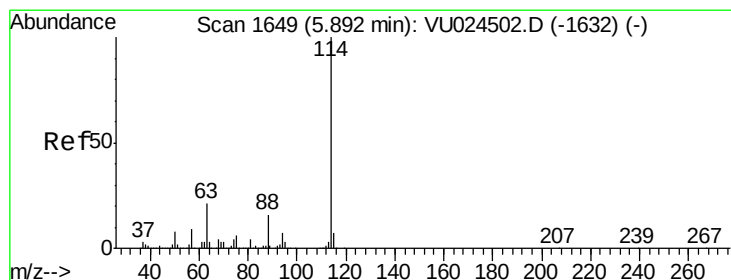
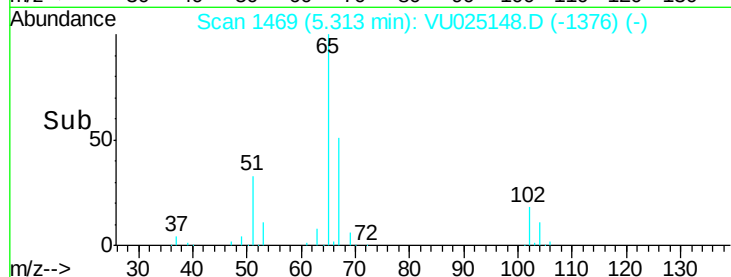
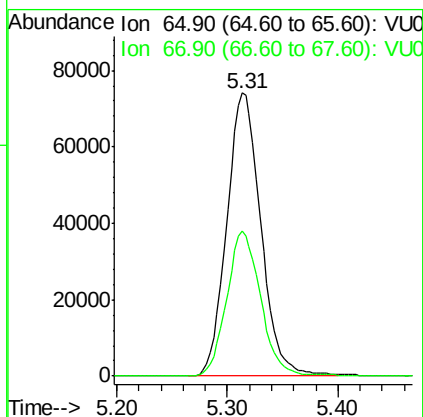
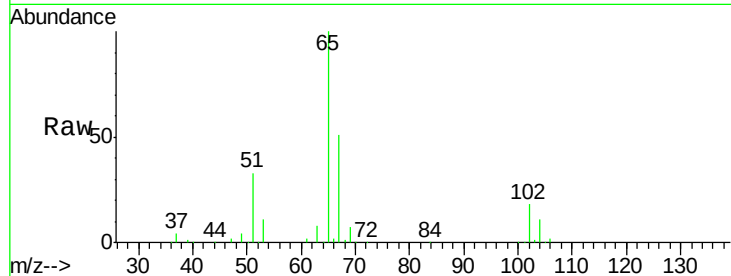




#33
 1,2-Dichloroethane-d4
 Concen: 47.346 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025148.D
 Acq: 02 Jul 2018 17:14

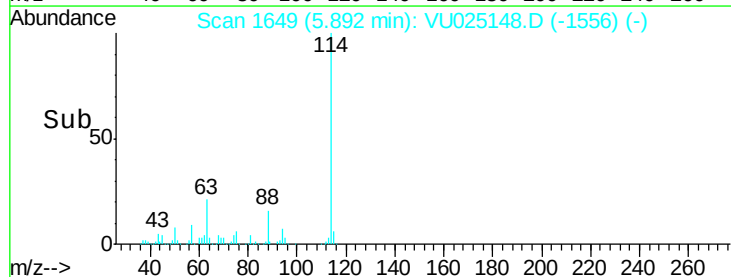
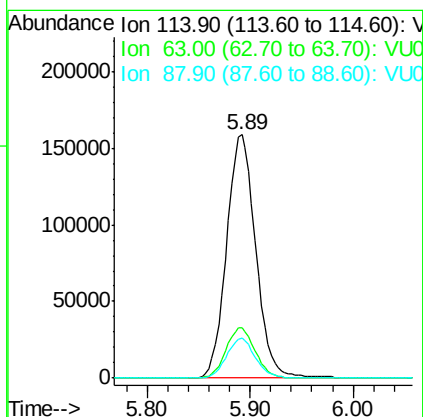
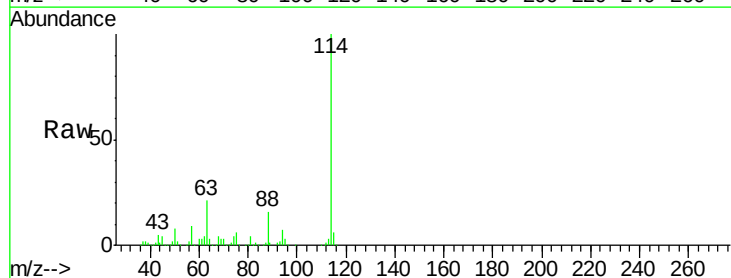
Instrument :
 MSVOA_U
 ClientSampleId :
 REACTOR-PAD

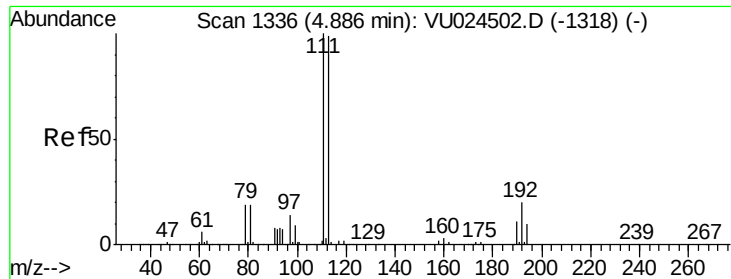
Tot Ion: 65 Resp: 158593
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025148.D
 Acq: 02 Jul 2018 17:14

Tgt Ion: 114 Resp: 312820
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.4
 88 16.2 0.0 31.0

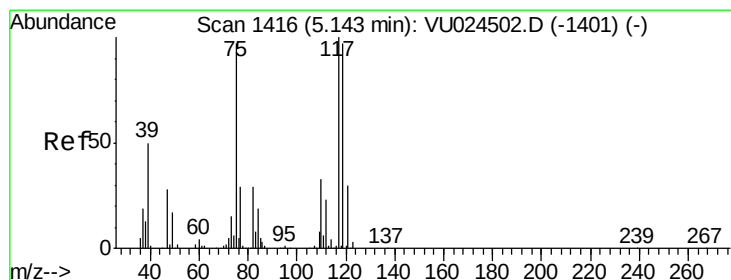
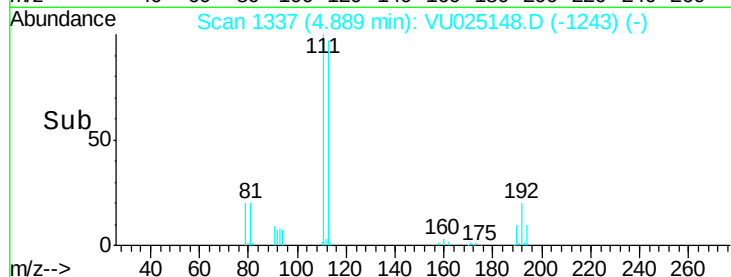
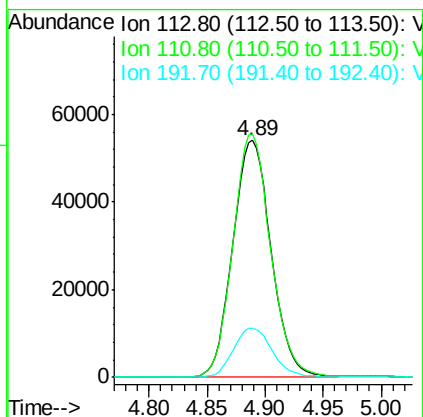
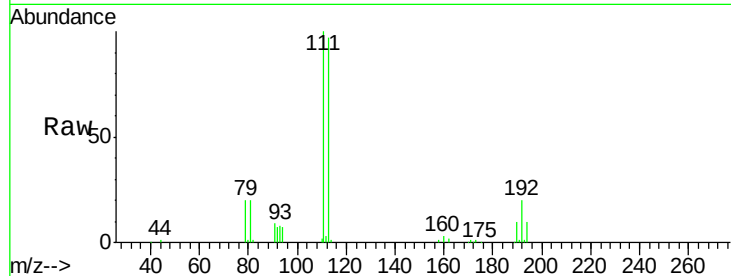




#35
 Dibromofluoromethane
 Concen: 47.814 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025148.D
 Acq: 02 Jul 2018 17:14

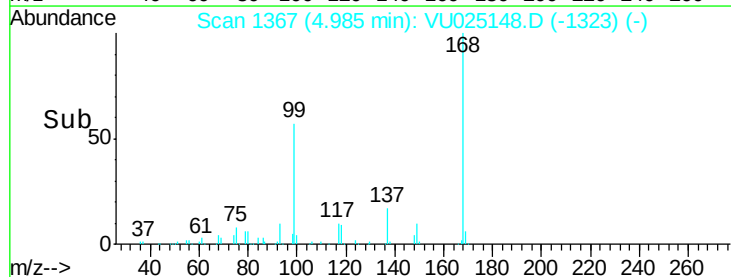
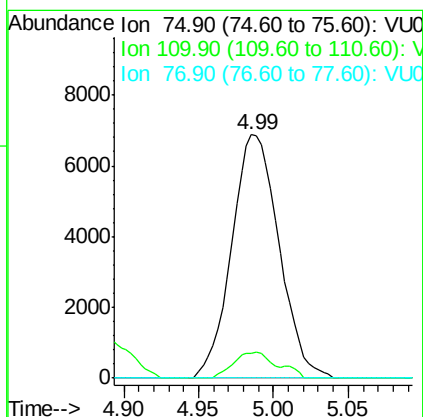
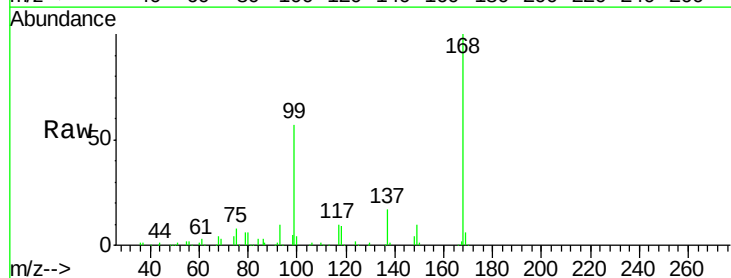
Instrument :
 MSVOA_U
 ClientSampleId :
 REACTOR-PAD

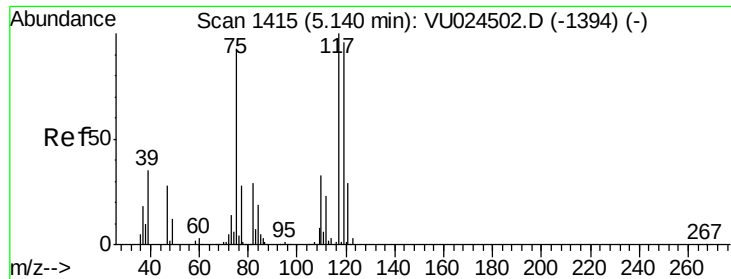
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.4
192	21.2	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 4.124 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.16 min
 Lab File: VU025148.D
 Acq: 02 Jul 2018 17:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.0	50.9#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 4.998 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

REACTOR-PAD

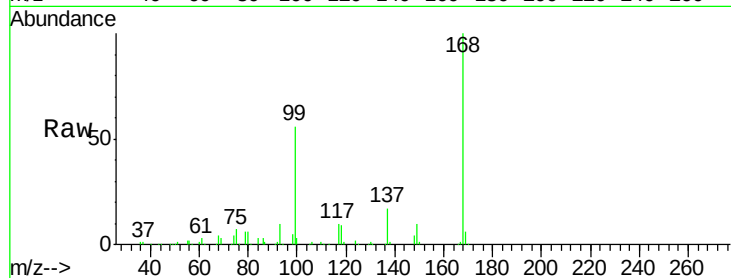
Tot Ion:117 Resp: 20204

Ion Ratio Lower Upper

117 100

119 5.8 76.1 114.1#

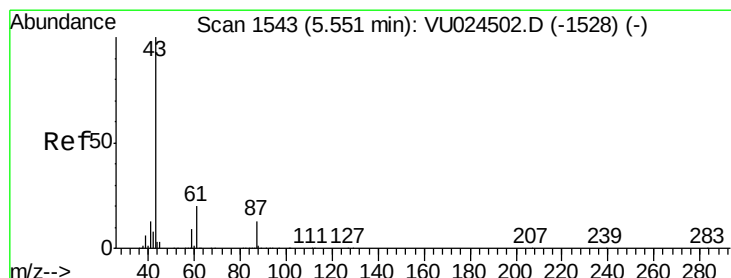
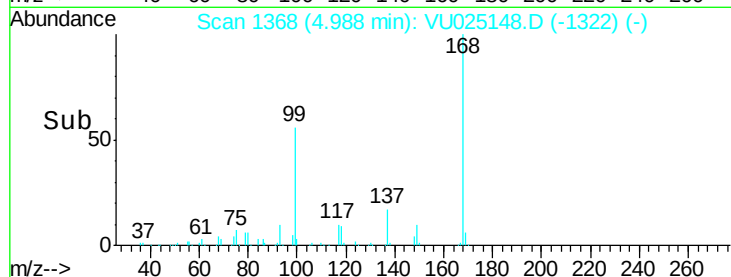
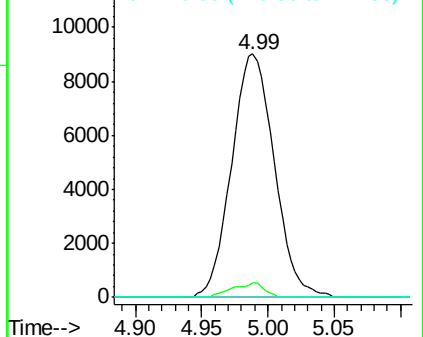
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 3.532 ug/l

RT: 5.81 min Scan# 1625

Delta R.T. 0.26 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

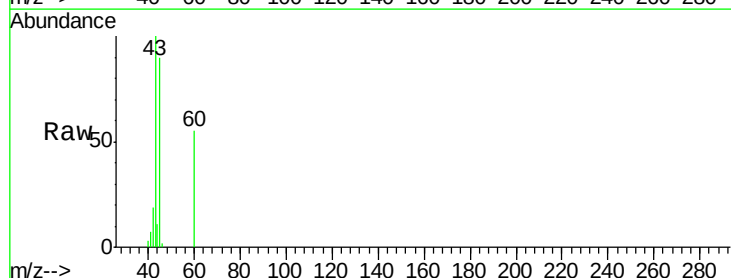
Tgt Ion: 43 Resp: 24461

Ion Ratio Lower Upper

43 100

61 0.4 15.4 23.0#

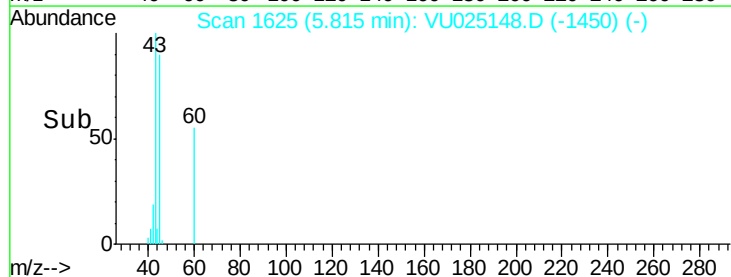
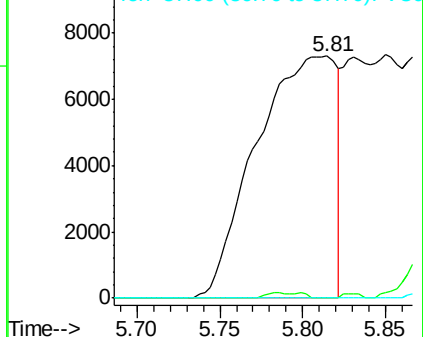
87 0.0 10.0 15.0#

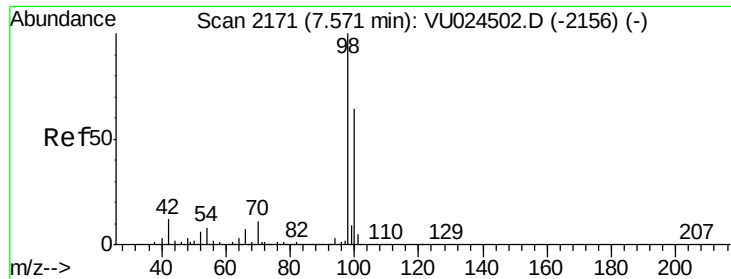


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 47.345 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

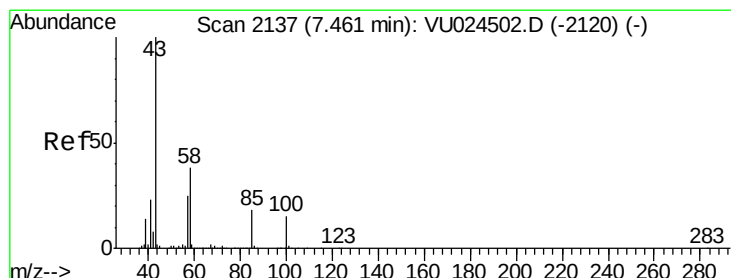
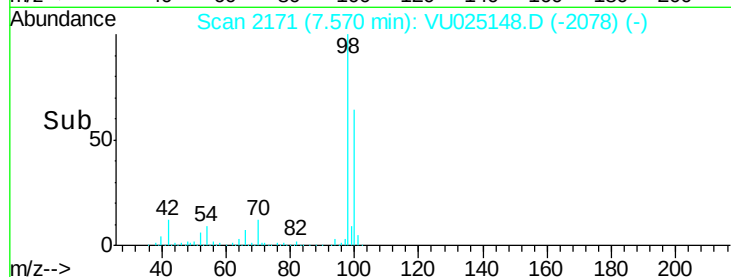
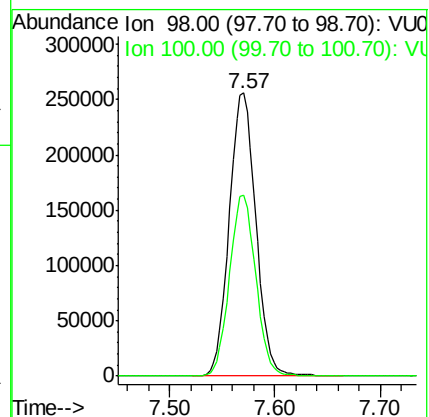
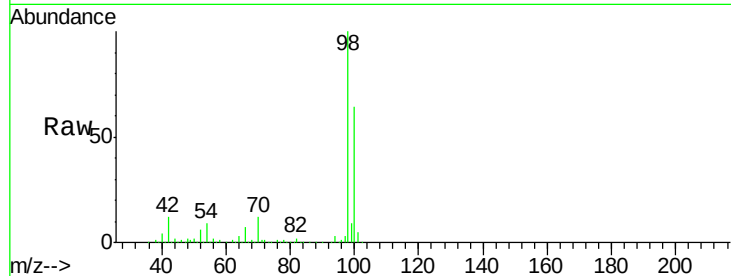
REACTOR-PAD

Tot Ion: 98 Resp: 448341

Ion Ratio Lower Upper

98 100

100 63.2 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 0.247 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU025148.D

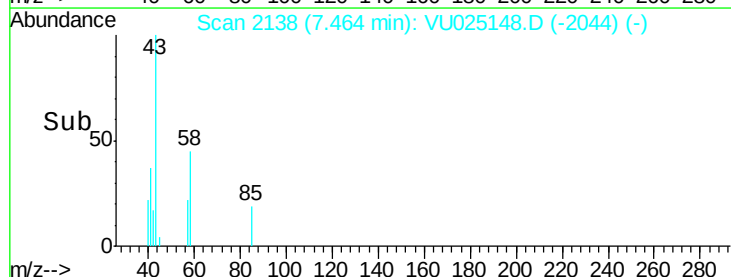
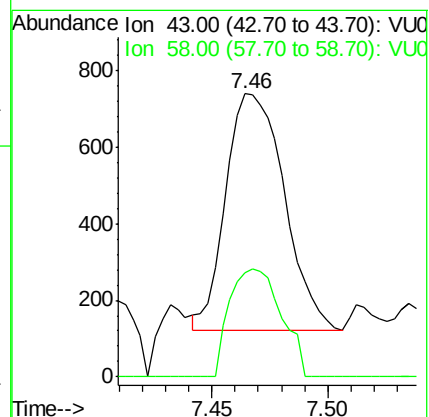
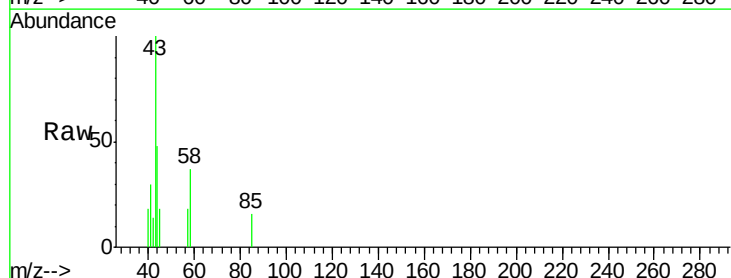
Acq: 02 Jul 2018 17:14

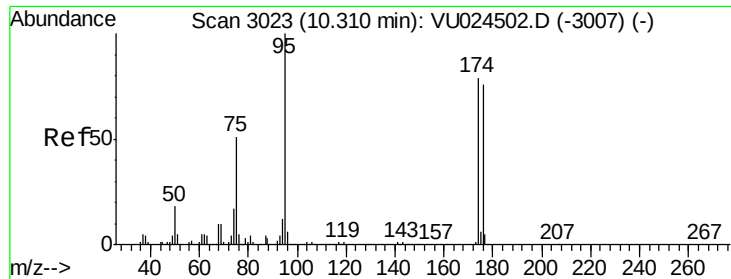
Tgt Ion: 43 Resp: 1075

Ion Ratio Lower Upper

43 100

58 40.6 30.0 45.0





#62

4-Bromofluorobenzene

Concen: 44.006 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

REACTOR-PAD

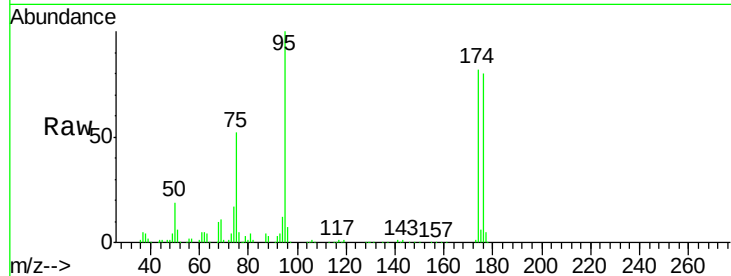
Tot Ion: 95 Resp: 165457

Ion Ratio Lower Upper

95 100

174 85.2 0.0 165.8

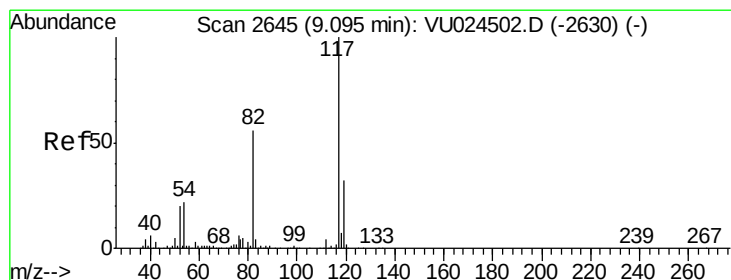
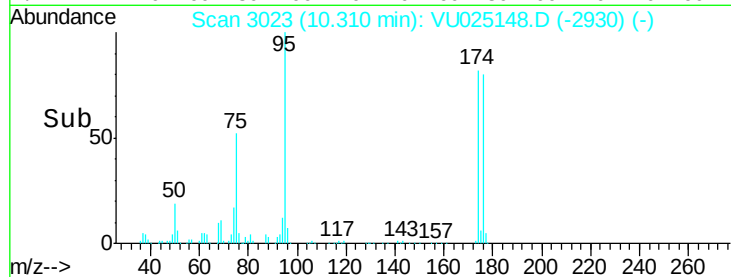
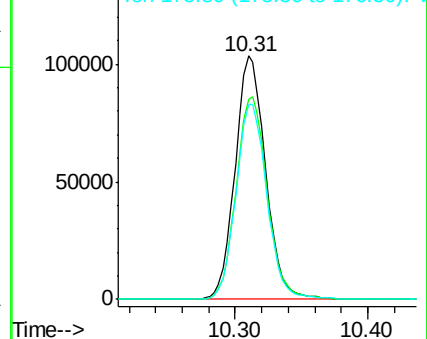
176 81.5 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU025148.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025148.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025148.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

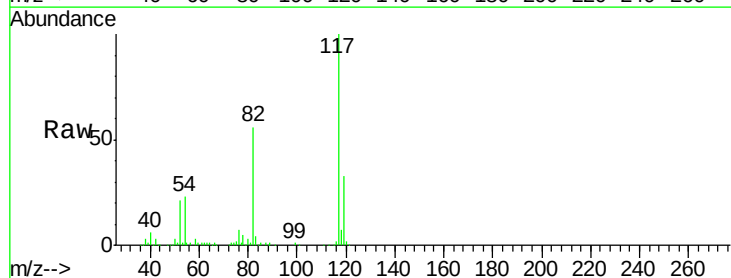
Tgt Ion: 117 Resp: 284946

Ion Ratio Lower Upper

117 100

82 55.7 44.3 66.5

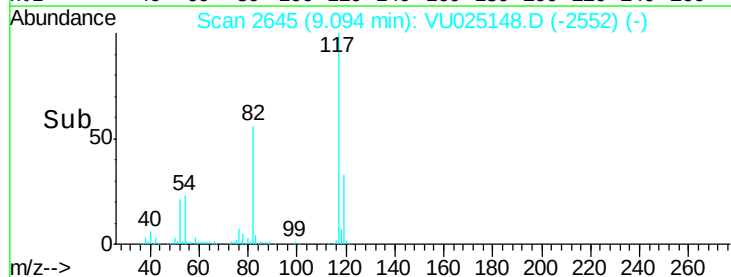
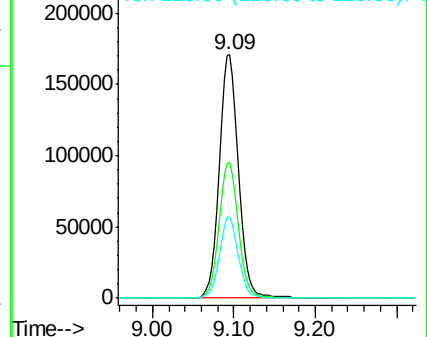
119 33.4 25.4 38.2

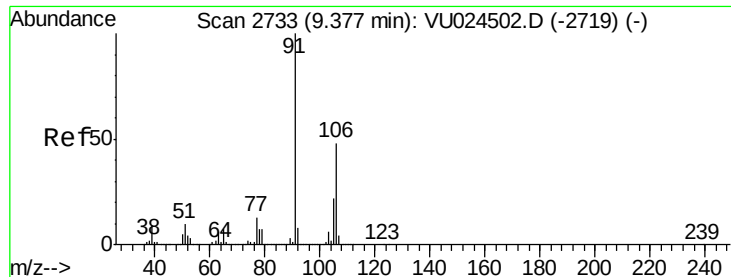


Abundance Ion 116.90 (116.60 to 117.60): VU025148.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU025148.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU025148.D (-2552) (-)

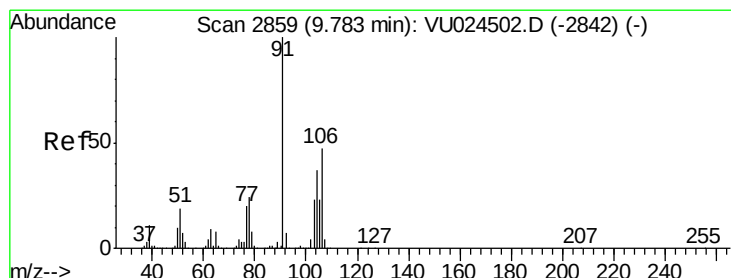
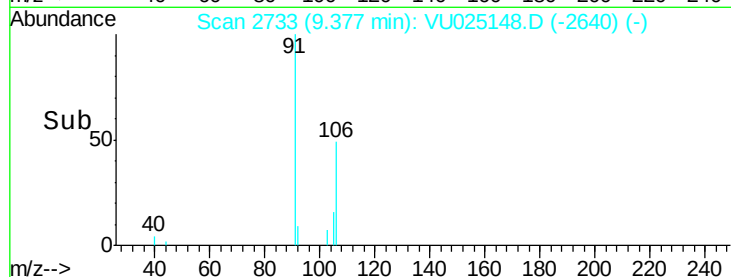
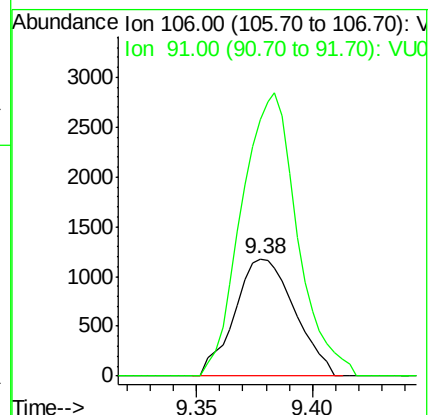
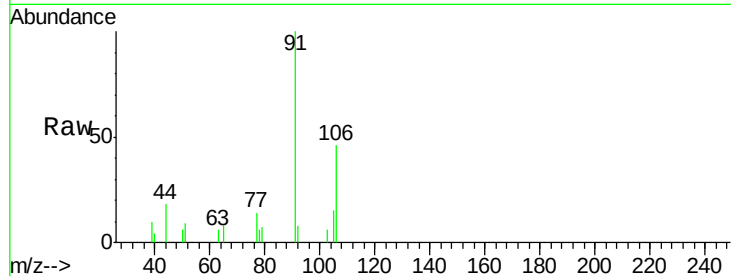




#68
m/p-Xylenes
Concen: 0.429 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025148.D
Acq: 02 Jul 2018 17:14

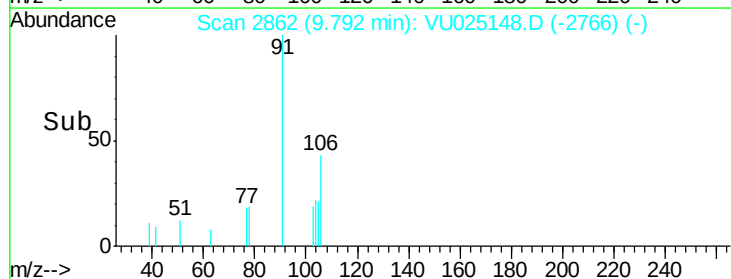
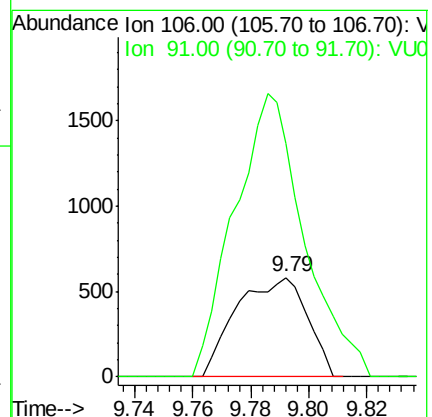
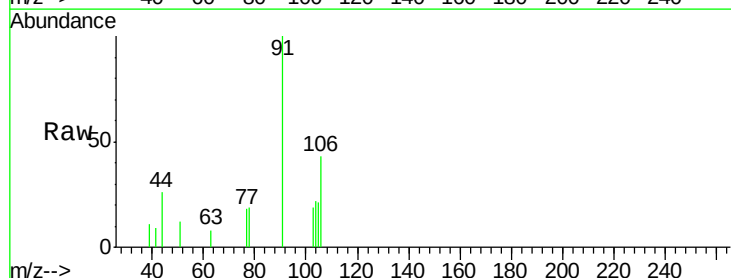
Instrument :
MSVOA_U
ClientSampleId :
REACTOR-PAD

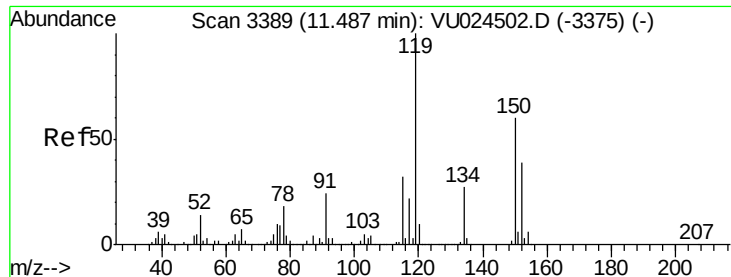
Tot Ion:106 Resp: 2102
Ion Ratio Lower Upper
106 100
91 225.8 166.5 249.7



#69
o-Xylene
Concen: 0.203 ug/l
RT: 9.79 min Scan# 2862
Delta R.T. 0.01 min
Lab File: VU025148.D
Acq: 02 Jul 2018 17:14

Tgt Ion:106 Resp: 983
Ion Ratio Lower Upper
106 100
91 281.7 110.7 331.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

REACTOR-PAD

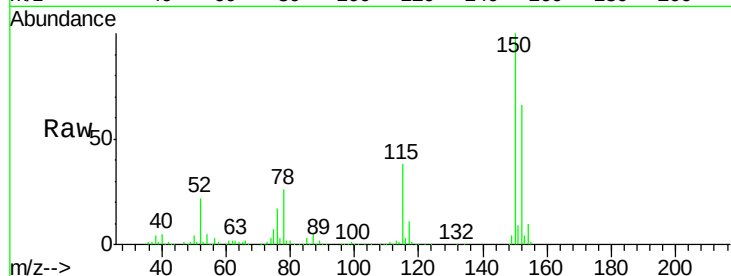
Tot Ion:152 Resp: 151670

Ion Ratio Lower Upper

152 100

115 58.1 43.0 129.0

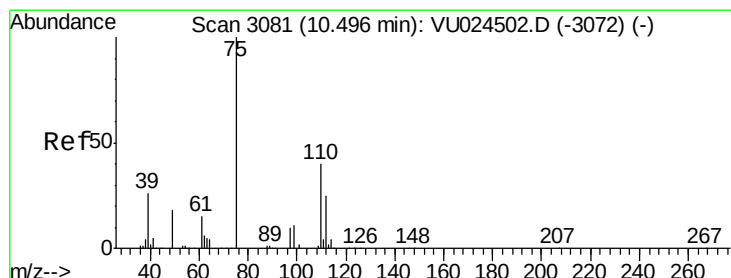
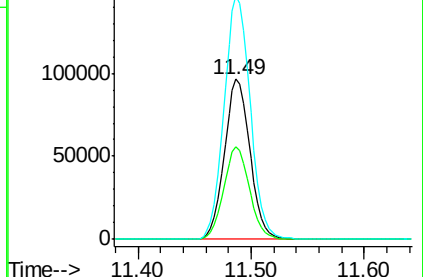
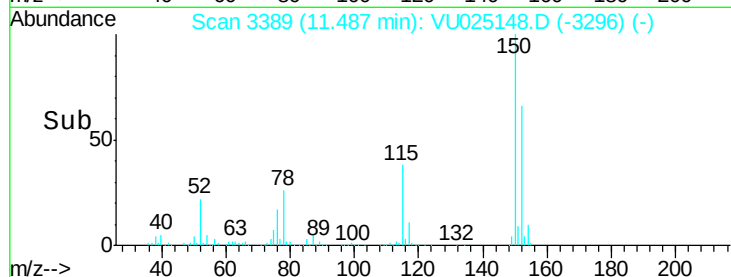
150 155.3 0.0 354.0



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



#76

1,2,3-Trichloropropane

Concen: 25.942 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025148.D

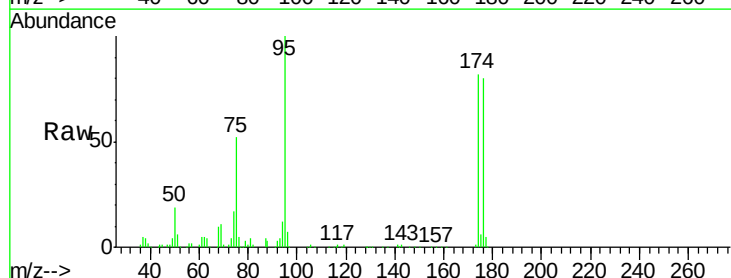
Acq: 02 Jul 2018 17:14

Tgt Ion: 75 Resp: 86625

Ion Ratio Lower Upper

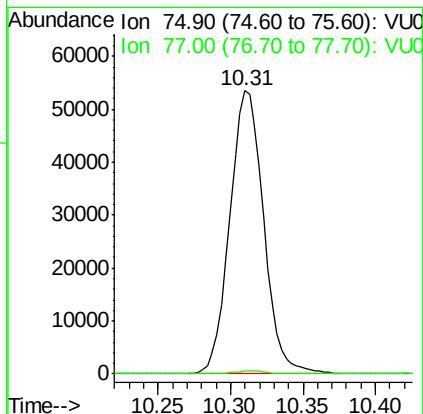
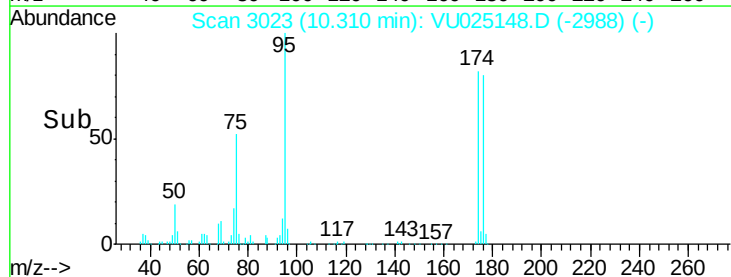
75 100

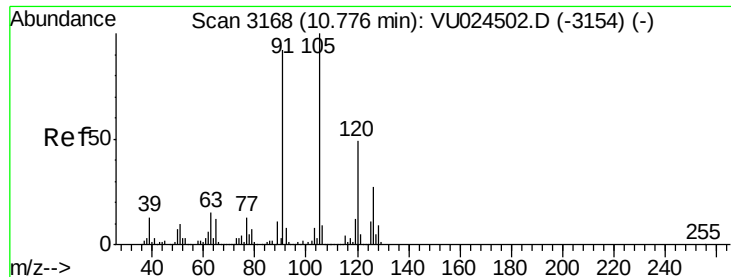
77 1.0 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#80

1,3,5-Trimethylbenzene

Concen: 0.504 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

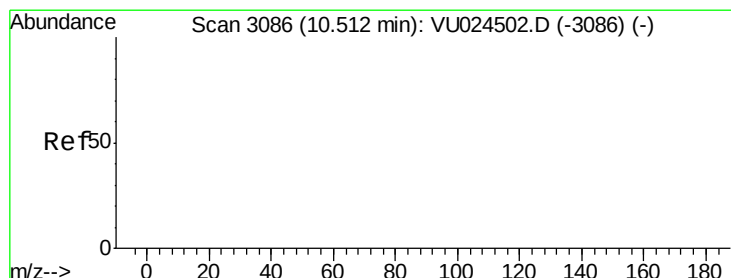
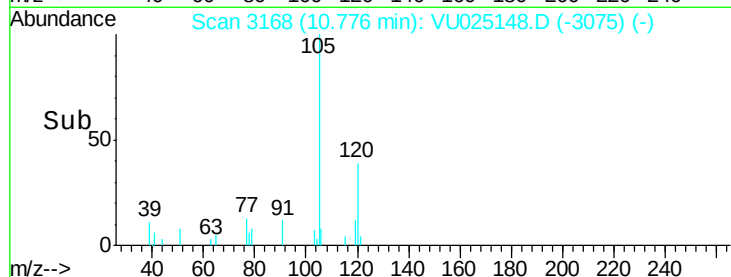
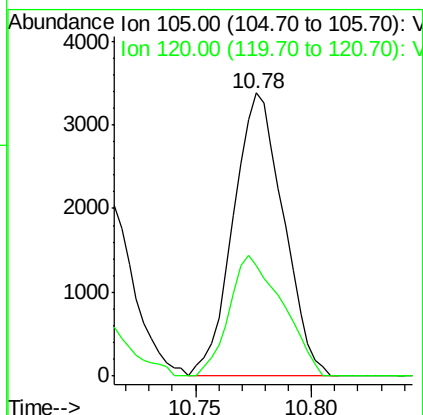
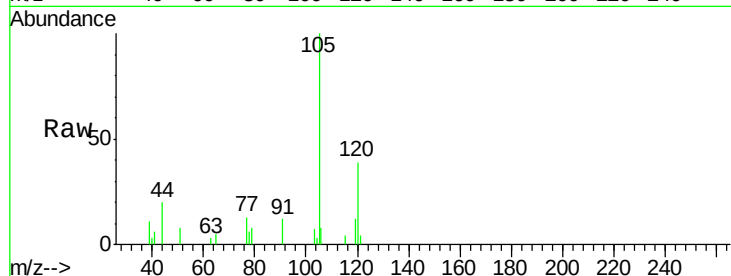
REACTOR-PAD

Tot Ion:105 Resp: 5082

Ion Ratio Lower Upper

105 100

120 45.4 24.1 72.2



#81

trans-1,4-Dichloro-2-butene

Concen: 60.040 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

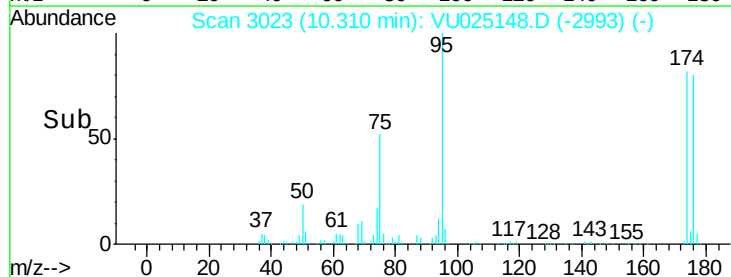
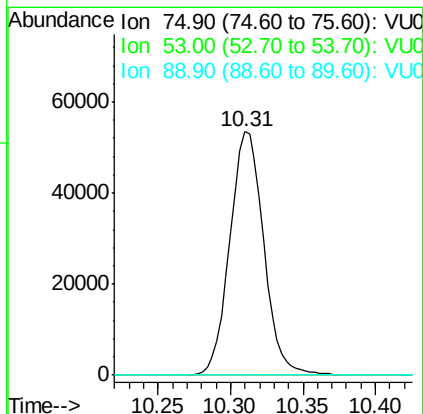
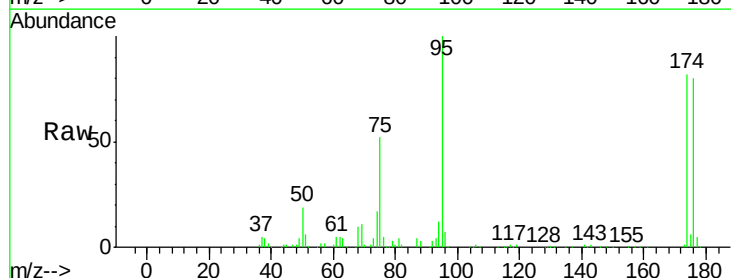
Tgt Ion: 75 Resp: 86625

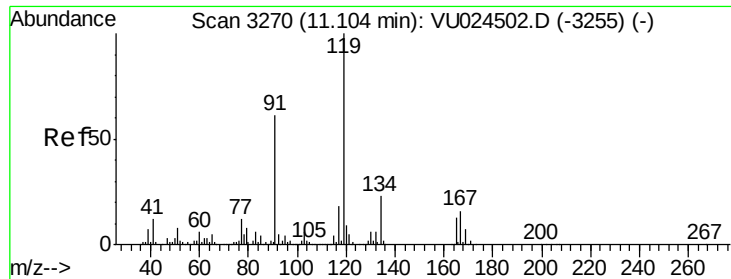
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

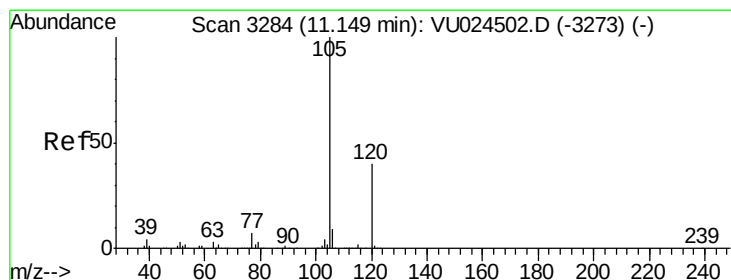
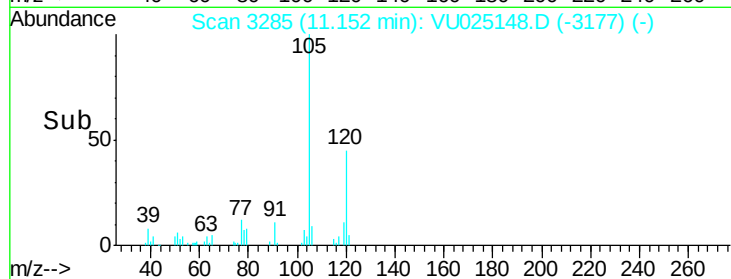
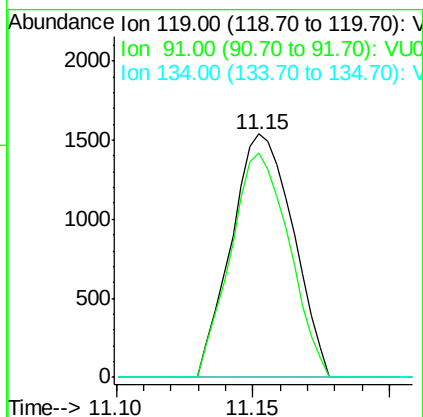
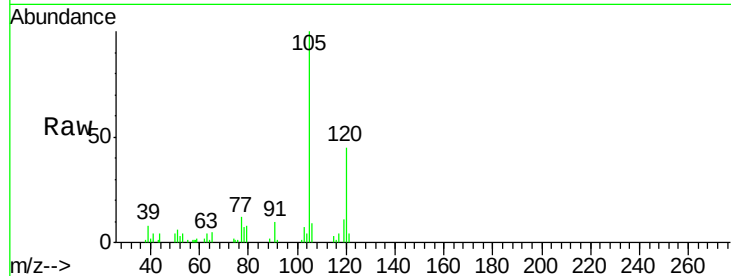




#83
 tert-Butylbenzene
 Concen: 0.249 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.05 min
 Lab File: VU025148.D
 Acq: 02 Jul 2018 17:14

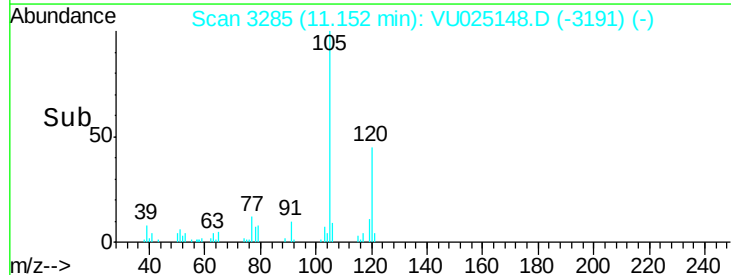
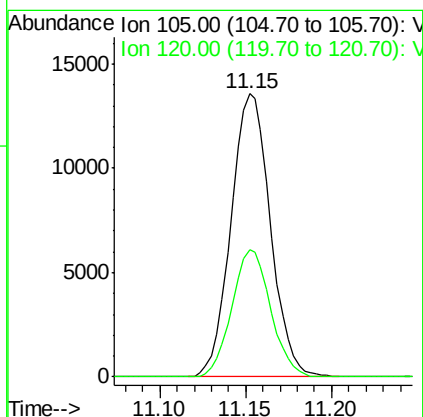
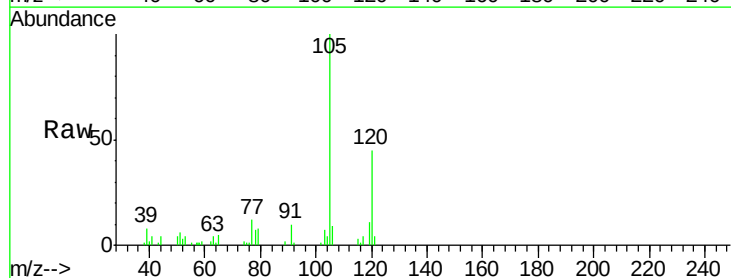
Instrument :
 MSVOA_U
 ClientSampleId :
 REACTOR-PAD

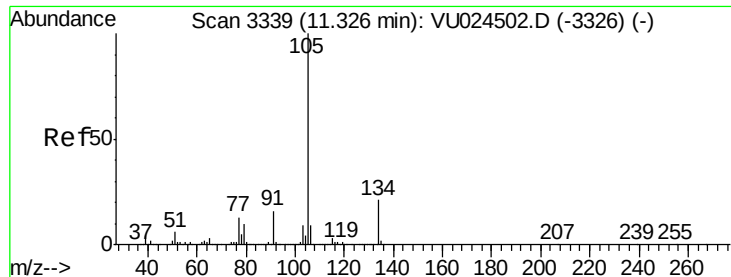
Tot Ion:119 Resp: 2415
 Ion Ratio Lower Upper
 119 100
 91 87.5 29.7 89.1
 134 0.0 11.6 34.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 2.102 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025148.D
 Acq: 02 Jul 2018 17:14

Tgt Ion:105 Resp: 21621
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.6 67.8





#85

sec-Butylbenzene

Concen: 1.779 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. -0.17 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

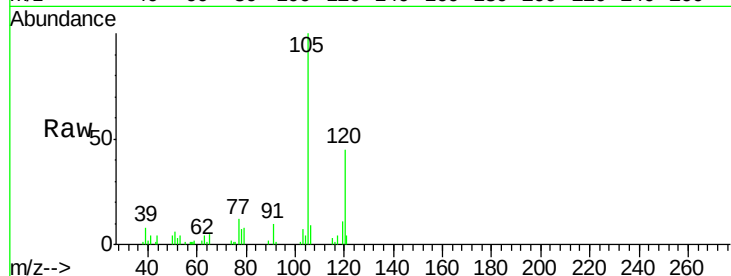
REACTOR-PAD

Tot Ion:105 Resp: 21621

Ion Ratio Lower Upper

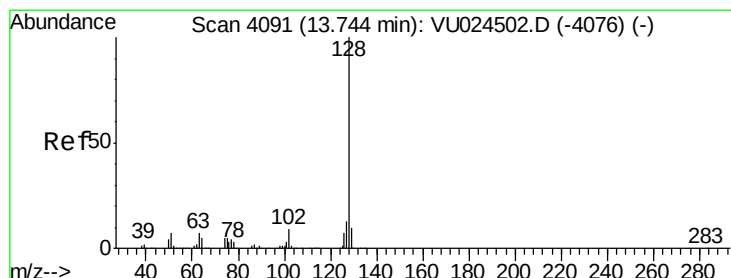
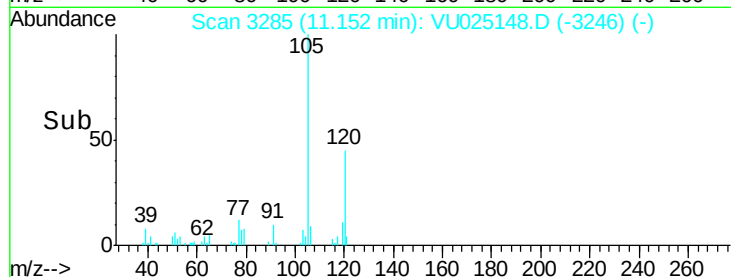
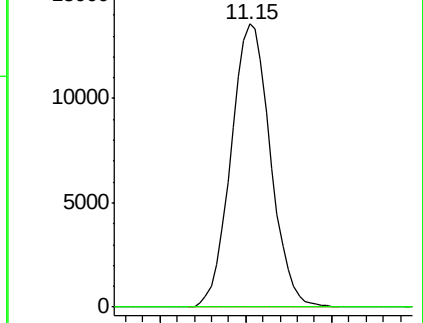
105 100

134 0.0 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 9.851 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

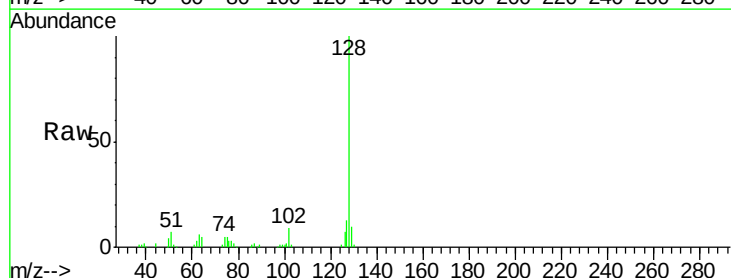
Tgt Ion:128 Resp: 103694

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.3 8.6 12.8



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

