

Data File : VU025714.D
Acq On : 30 Jul 2018 10:58
Operator : MD/SY
Sample : VU0730WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBL01

Quant Time: Aug 07 05:54:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	296925	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	170101	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	142542	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
35) Dibromofluoromethane	4.89	113	123459	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	7.57	98	427759	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
62) 4-Bromofluorobenzene	10.31	95	165984	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

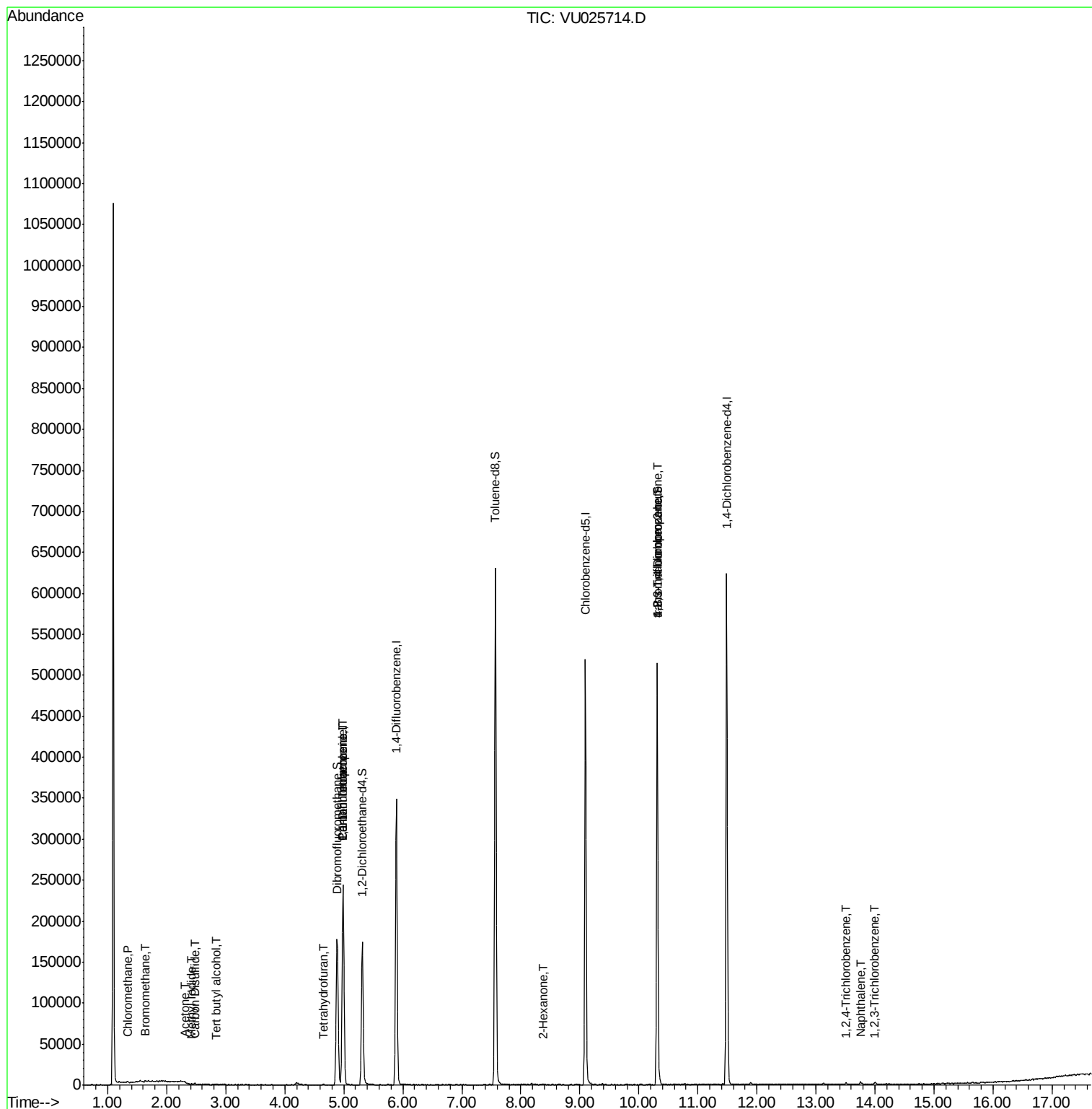
						Qvalue
3) Chloromethane	1.33	50	1046	0.381	ug/l #	73
5) Bromomethane	1.64	94	475	0.377	ug/l	97
10) Methyl Iodide	2.42	142	155	8.659	ug/l #	39
11) Tert butyl alcohol	2.84	59	509	0.786	ug/l #	73
13) Acrolein	2.19	56	70	Below Cal	#	81
16) Acetone	2.32	43	1366	0.947	ug/l	91
17) Carbon Disulfide	2.48	76	1878	0.285	ug/l #	69
29) Tetrahydrofuran	4.66	42	463	0.394	ug/l #	77
31) Cyclohexane	4.98	56	3651	Below Cal	#	29
36) 1,1-Dichloropropene	4.99	75	13294	3.831	ug/l #	52
38) Carbon Tetrachloride	4.99	117	18597	4.732	ug/l #	16
59) 2-Hexanone	8.39	43	1185	0.406	ug/l	78
76) 1,2,3-Trichloropropane	10.31	75	85178	22.727	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	85178	56.988	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.51	180	1015	0.258	ug/l	87
95) Naphthalene	13.75	128	4600	1.606	ug/l #	85
96) 1,2,3-Trichlorobenzene	14.00	180	1077	0.275	ug/l	81

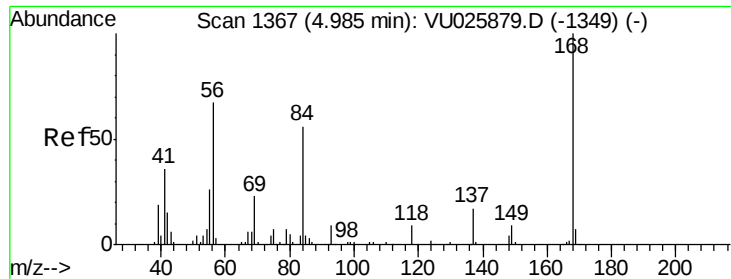
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025714.D

Acq: 30 Jul 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

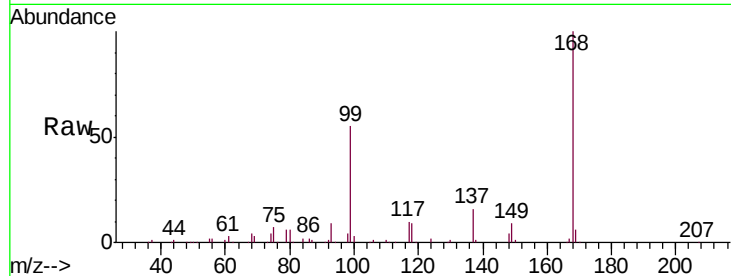
VU0730WBL01

Tgt Ion:168 Resp: 189837

Ion Ratio Lower Upper

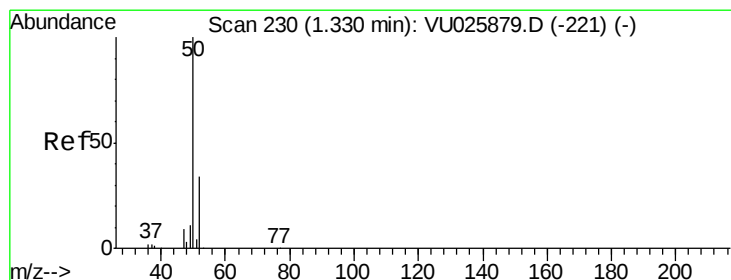
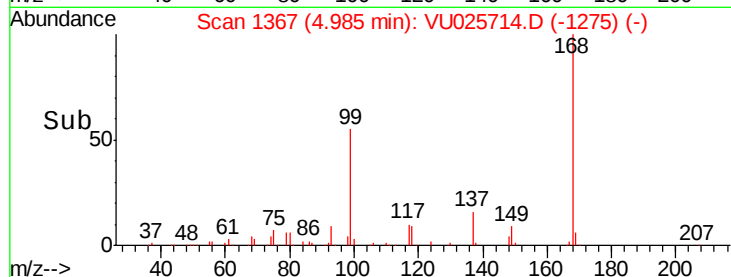
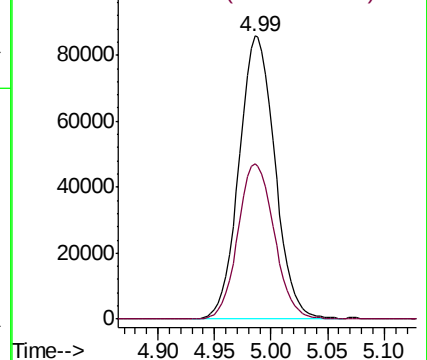
168 100

99 55.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025714.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025714.D (-1275) (-)



#3

Chloromethane

Concen: 0.381 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025714.D

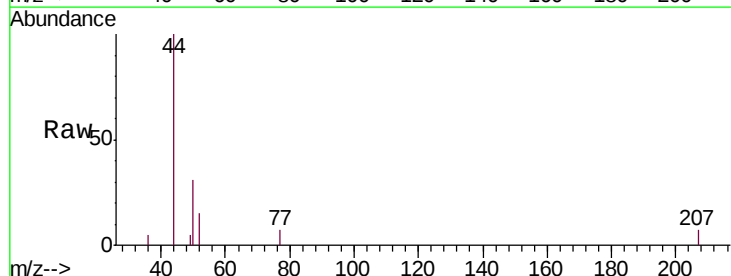
Acq: 30 Jul 2018 10:58

Tgt Ion: 50 Resp: 1046

Ion Ratio Lower Upper

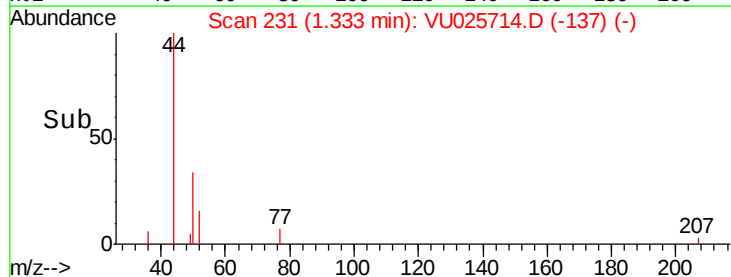
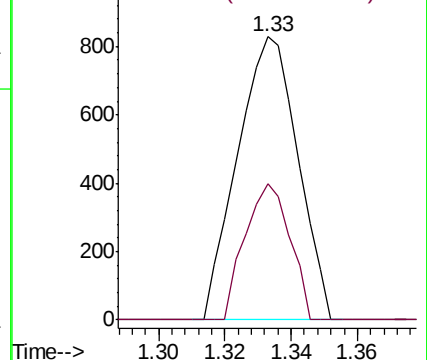
50 100

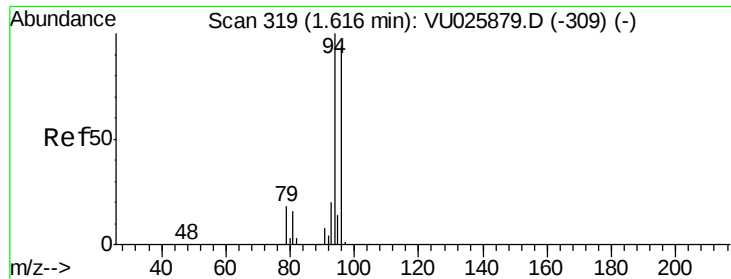
52 48.2 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VU025714.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU025714.D (-137) (-)





#5

Bromomethane

Concen: 0.377 ug/l

RT: 1.64 min Scan# 325

Delta R.T. 0.02 min

Lab File: VU025714.D

Acq: 30 Jul 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

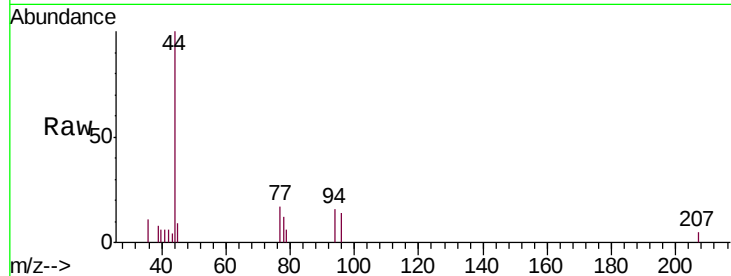
VU0730WBL01

Tgt Ion: 94 Resp: 475

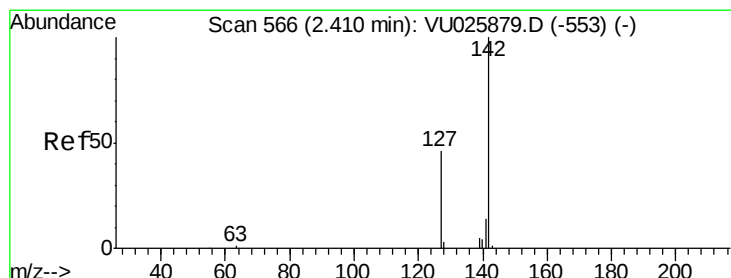
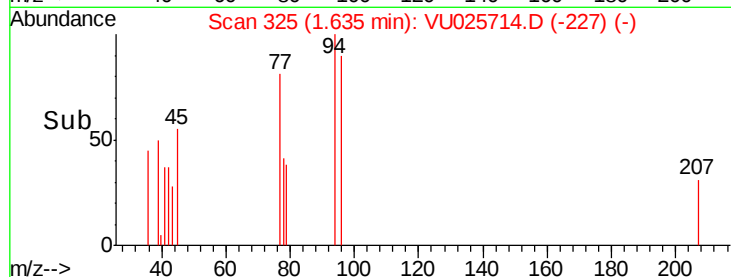
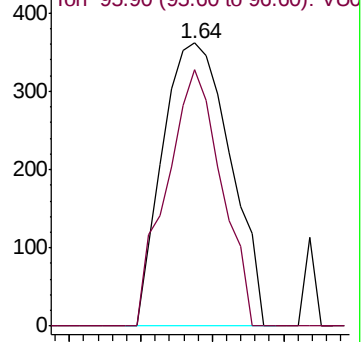
Ion Ratio Lower Upper

94 100

96 90.3 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU025714.D (-227) (-)



#10

Methyl Iodide

Concen: 8.659 ug/l

RT: 2.42 min Scan# 570

Delta R.T. 0.01 min

Lab File: VU025714.D

Acq: 30 Jul 2018 10:58

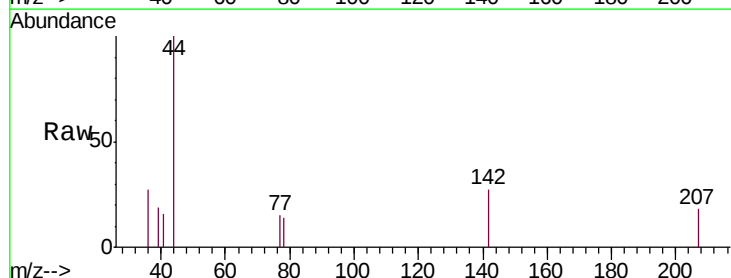
Tgt Ion: 142 Resp: 155

Ion Ratio Lower Upper

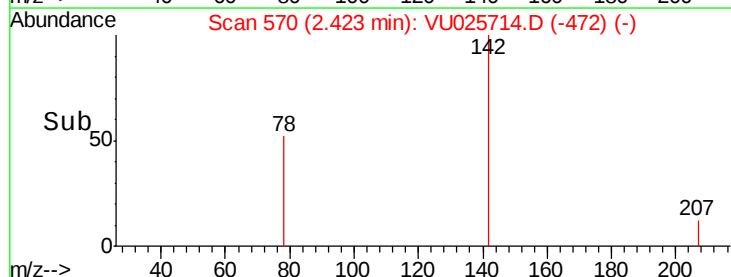
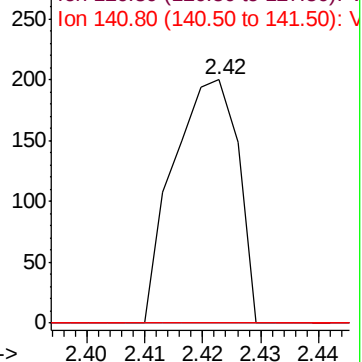
142 100

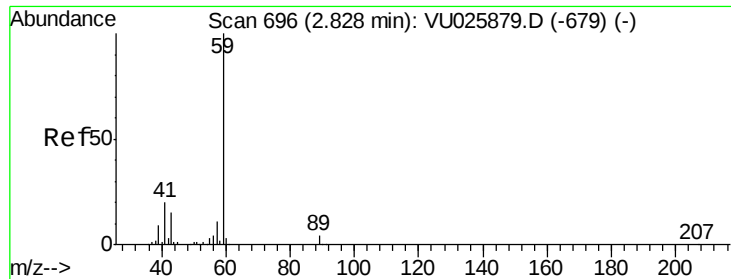
127 0.0 36.5 54.7#

141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): VU025714.D (-472) (-)

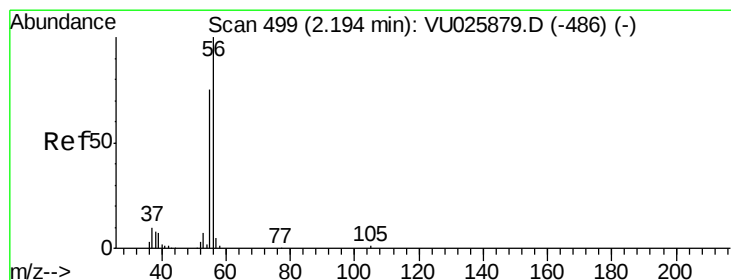
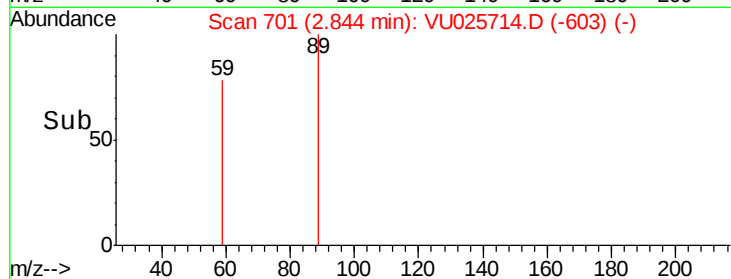
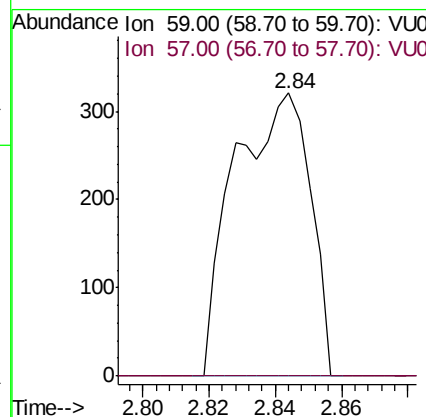
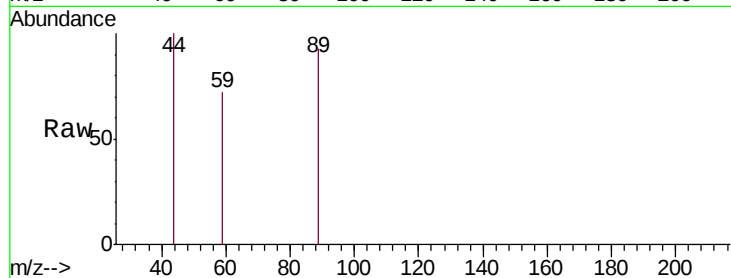




#11
Tert butyl alcohol
Concen: 0.786 ug/l
RT: 2.84 min Scan# 701
Delta R.T. 0.02 min
Lab File: VU025714.D
Acq: 30 Jul 2018 10:58

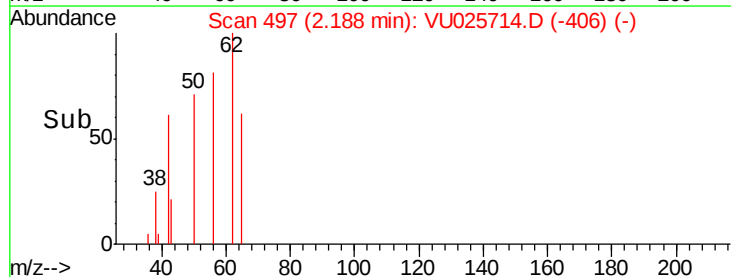
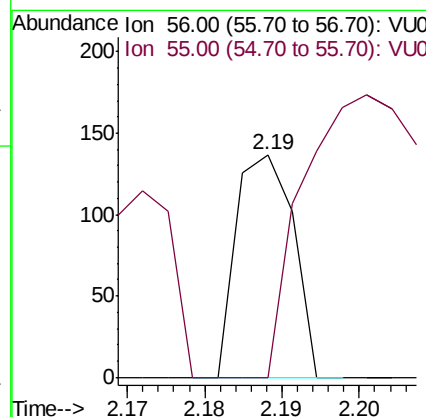
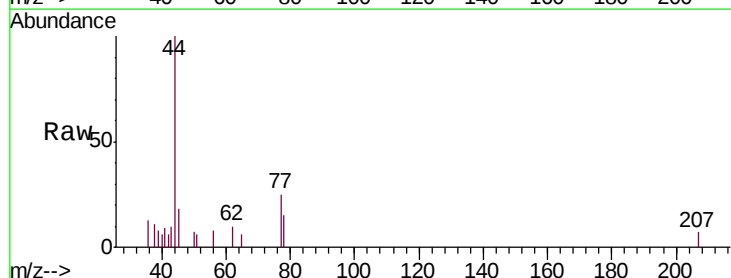
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBL01

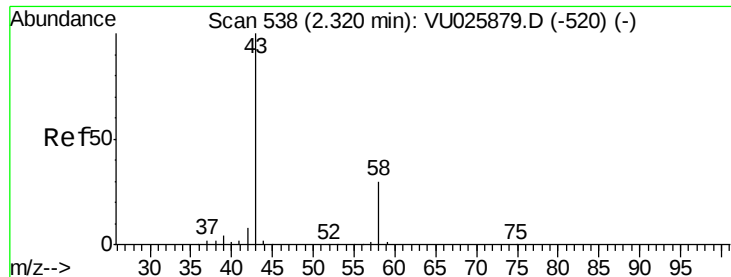
Tgt Ion: 59 Resp: 509
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.19 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU025714.D
Acq: 30 Jul 2018 10:58

Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 87.1 57.2 85.8#





#16

Acetone

Concen: 0.947 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025714.D

Acq: 30 Jul 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

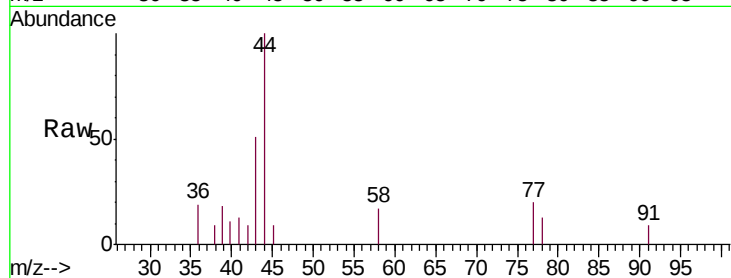
VU0730WBL01

Tgt Ion: 43 Resp: 1366

Ion Ratio Lower Upper

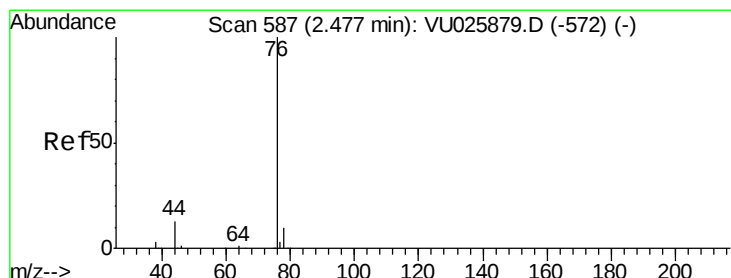
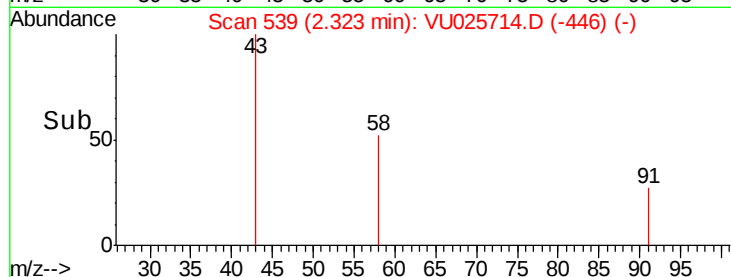
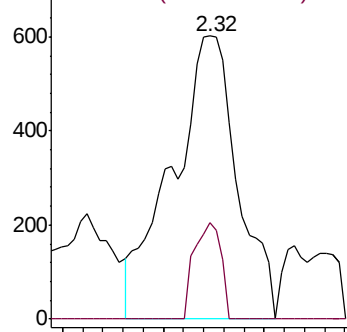
43 100

58 33.9 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

Carbon Disulfide

Concen: 0.285 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025714.D

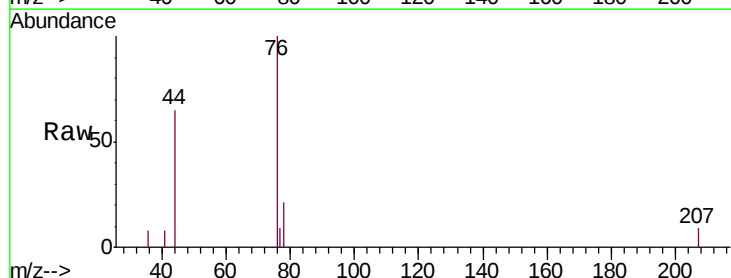
Acq: 30 Jul 2018 10:58

Tgt Ion: 76 Resp: 1878

Ion Ratio Lower Upper

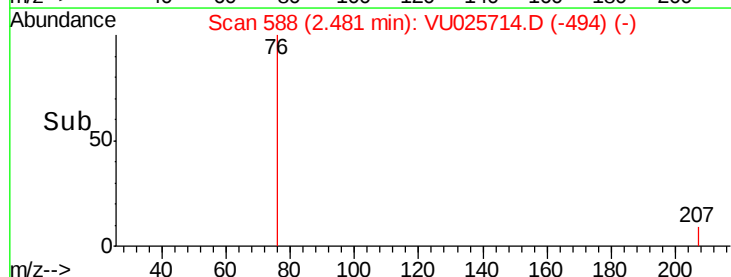
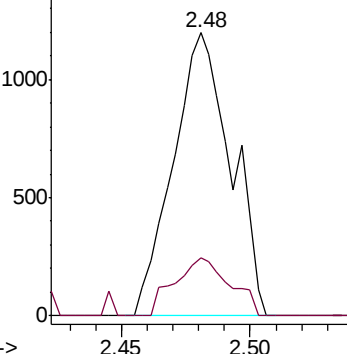
76 100

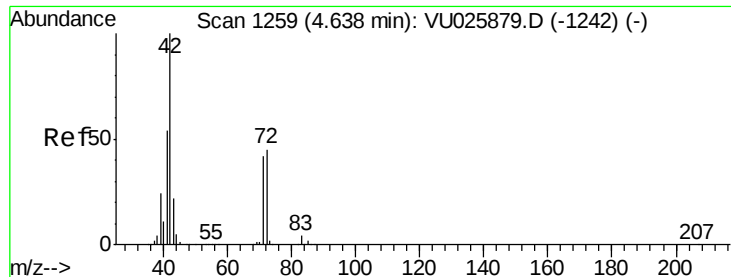
78 20.6 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

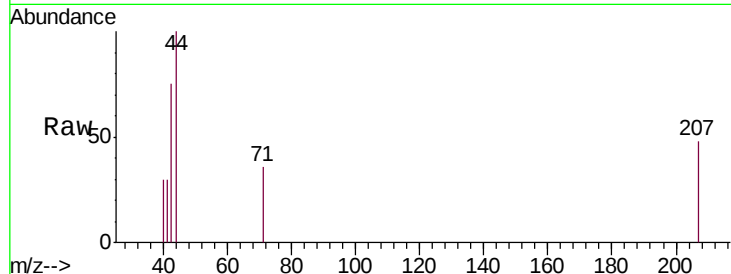




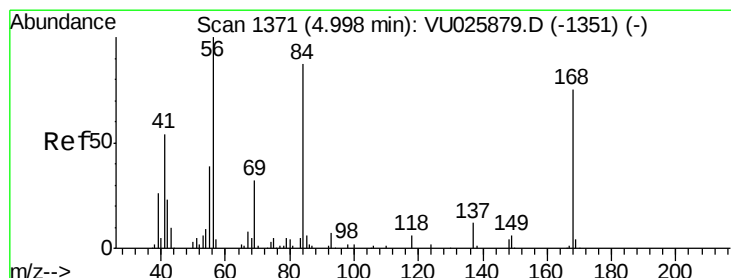
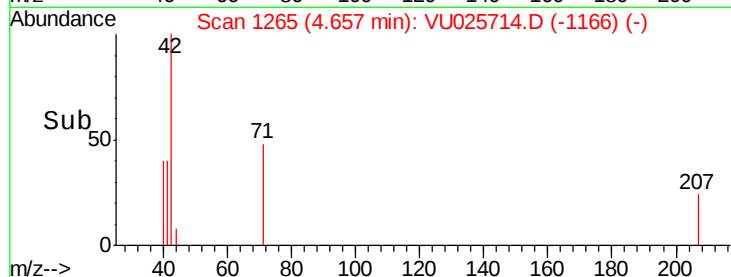
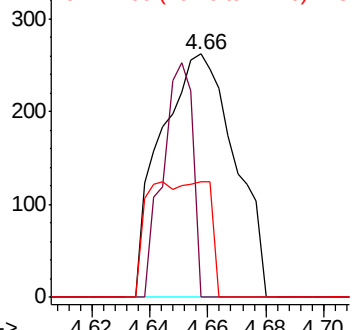
#29
Tetrahydrofuran
Concen: 0.394 ug/l
RT: 4.66 min Scan# 1265
Delta R.T. 0.02 min
Lab File: VU025714.D
Acq: 30 Jul 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBL01

Tgt Ion: 42 Resp: 463
Ion Ratio Lower Upper
42 100
72 38.9 36.7 55.1
71 19.7 33.9 50.9#

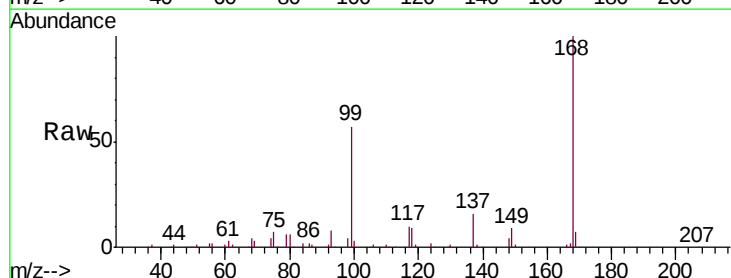


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

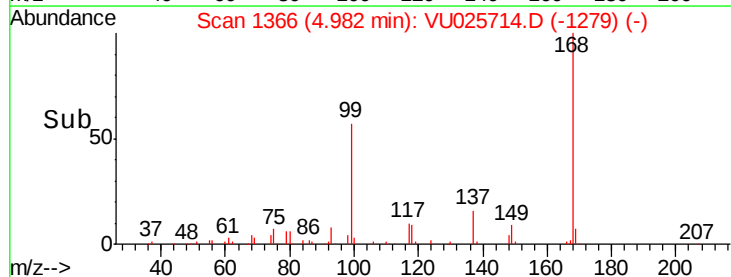
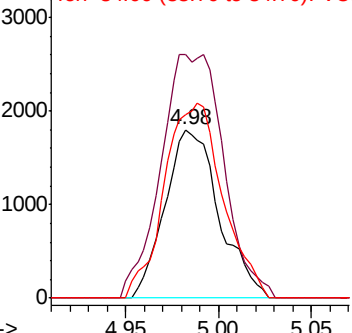


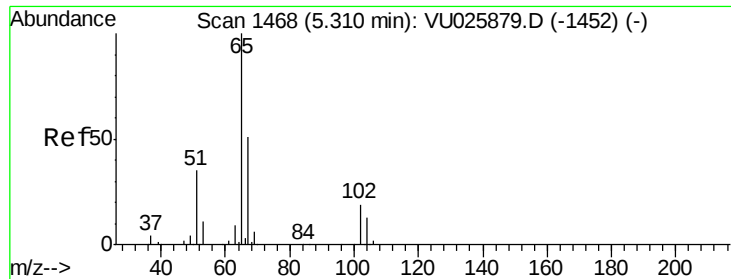
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VU025714.D
Acq: 30 Jul 2018 10:58

Tgt Ion: 56 Resp: 3651
Ion Ratio Lower Upper
56 100
69 144.5 26.8 40.2#
84 108.7 69.7 104.5#



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

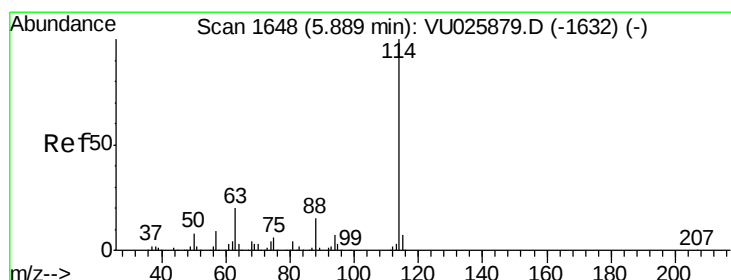
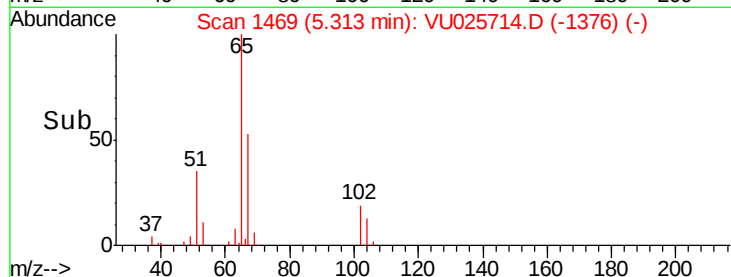
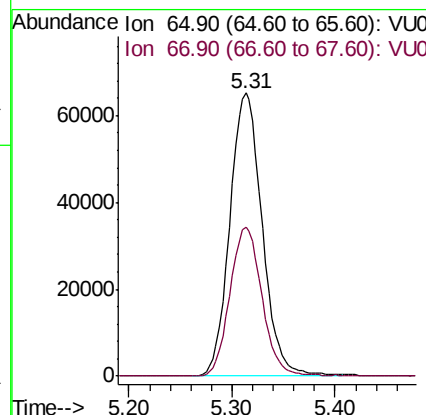
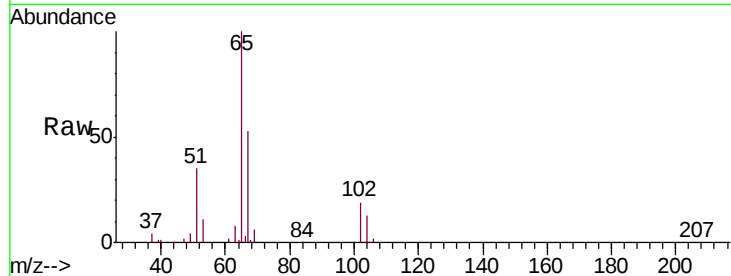




#33
 1,2-Dichloroethane-d4
 Concen: 48.191 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025714.D
 Acq: 30 Jul 2018 10:58

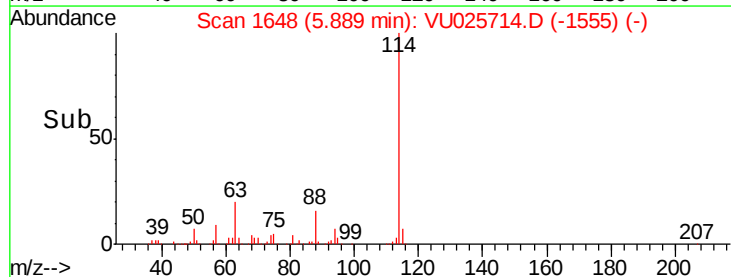
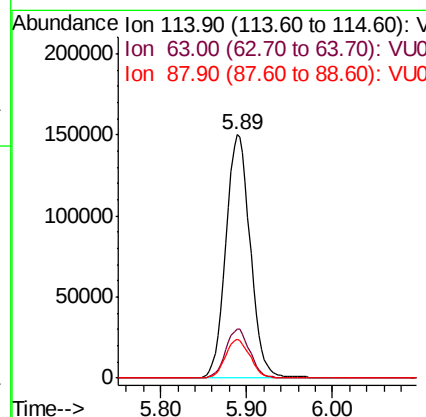
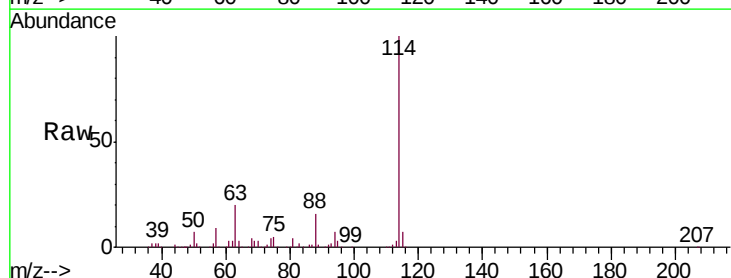
Instrument :
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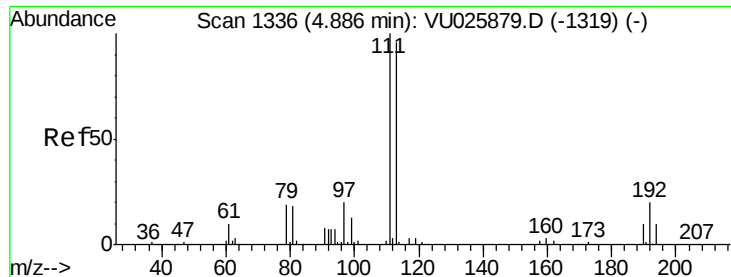
Tgt Ion: 65 Resp: 142542
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025714.D
 Acq: 30 Jul 2018 10:58

Tgt Ion: 114 Resp: 296925
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.6
 88 15.8 0.0 32.4

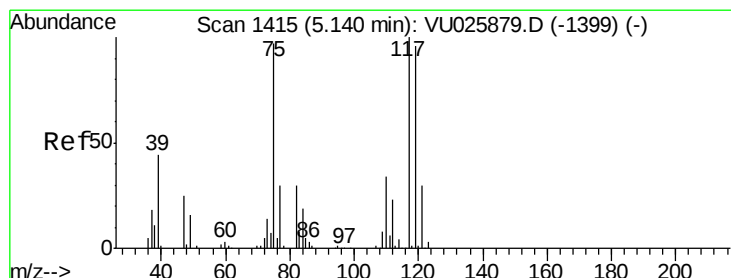
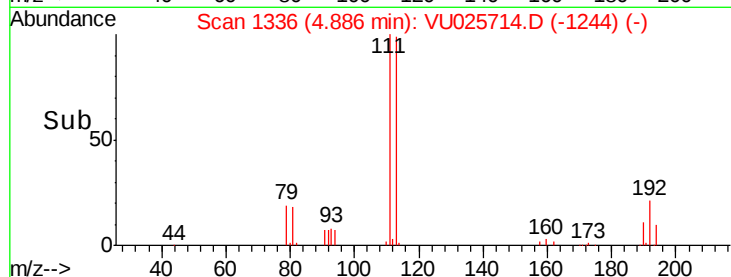
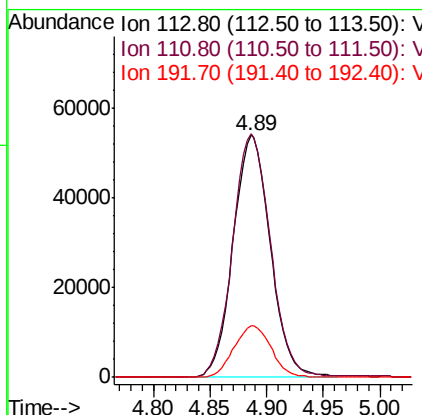
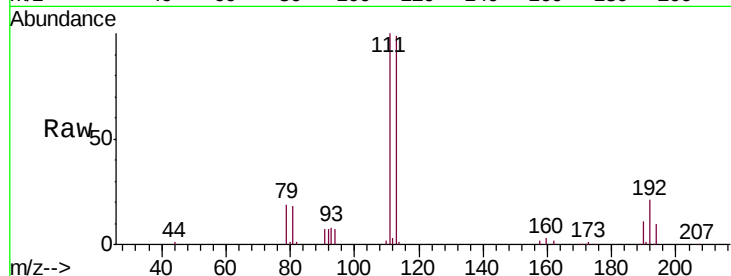




#35
 Dibromofluoromethane
 Concen: 47.806 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025714.D
 Acq: 30 Jul 2018 10:58

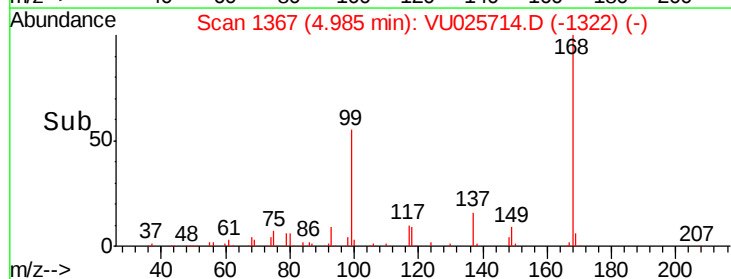
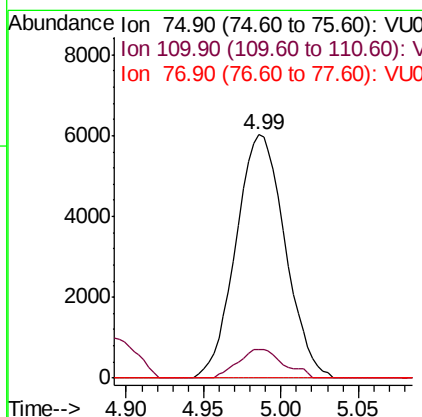
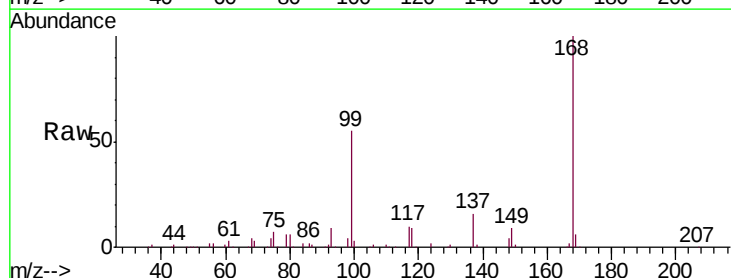
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBL01

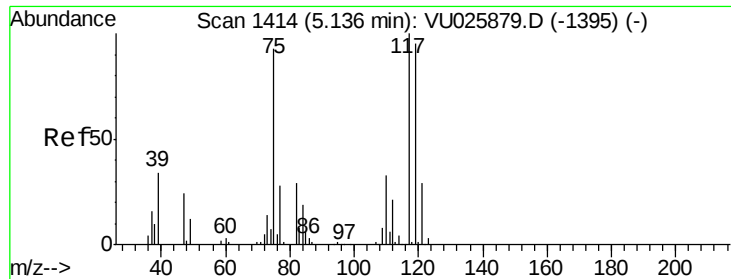
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.7	122.5
192	21.4	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 3.831 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.15 min
 Lab File: VU025714.D
 Acq: 30 Jul 2018 10:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.0	17.6	52.9#
77	0.0	24.4	36.6#

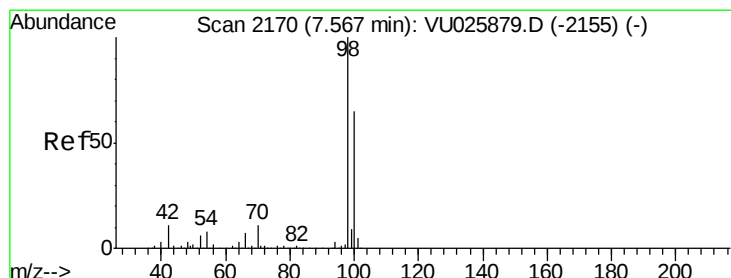
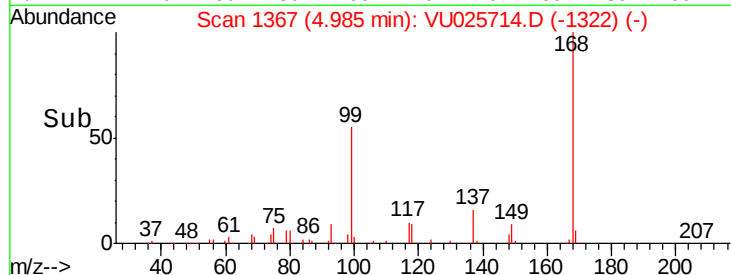
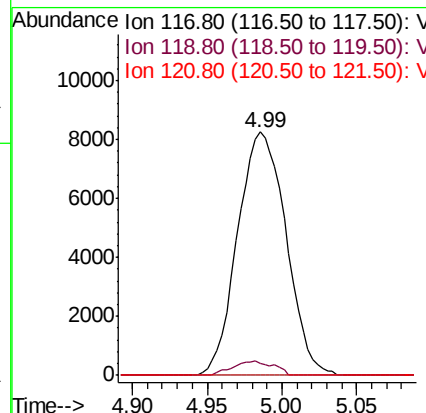
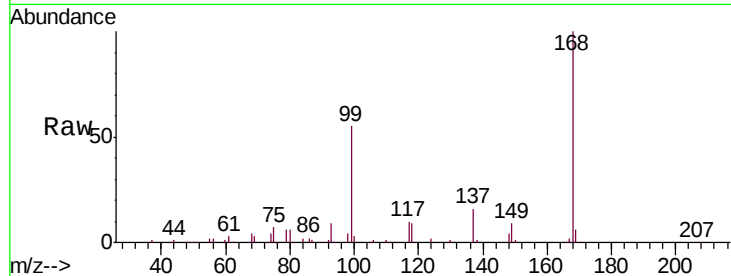




#38
 Carbon Tetrachloride
 Concen: 4.732 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.15 min
 Lab File: VU025714.D
 Acq: 30 Jul 2018 10:58

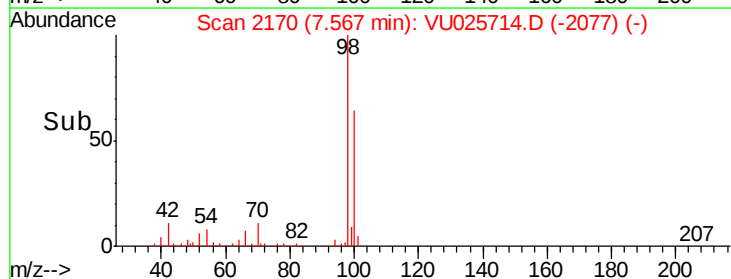
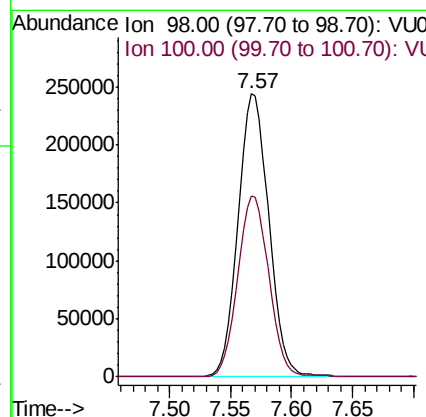
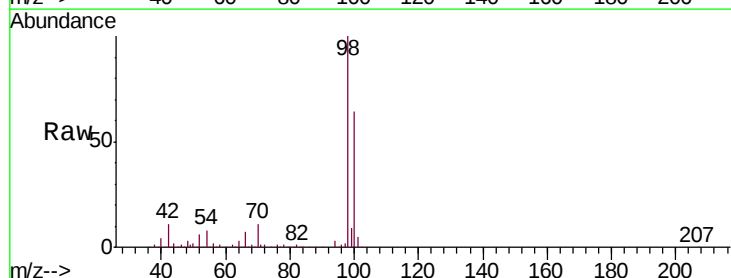
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBL01

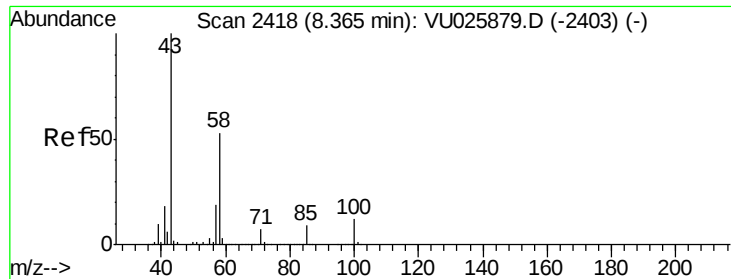
Tgt Ion: 117 Resp: 18597
 Ion Ratio Lower Upper
 117 100
 119 5.0 75.7 113.5#
 121 0.0 24.6 36.8#



#50
 Toluene-d8
 Concen: 47.334 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU025714.D
 Acq: 30 Jul 2018 10:58

Tgt Ion: 98 Resp: 427759
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.1 76.7

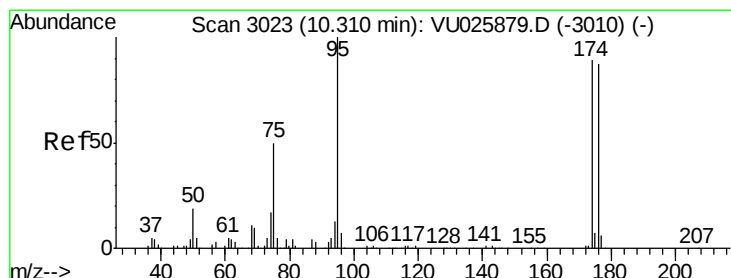
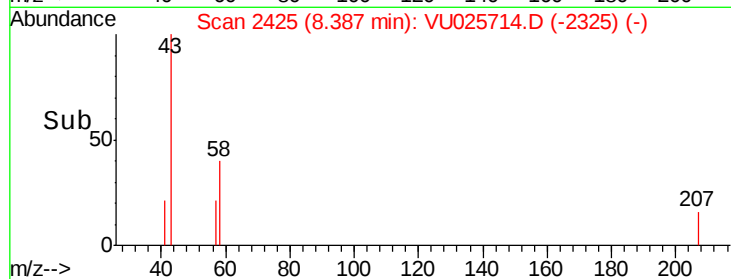
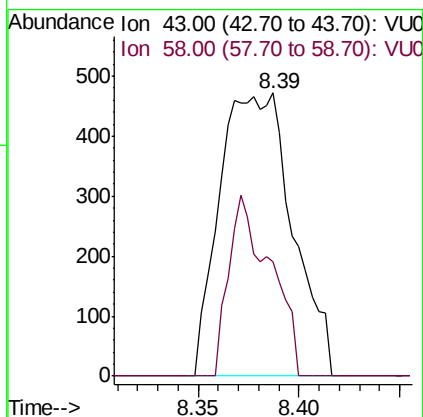
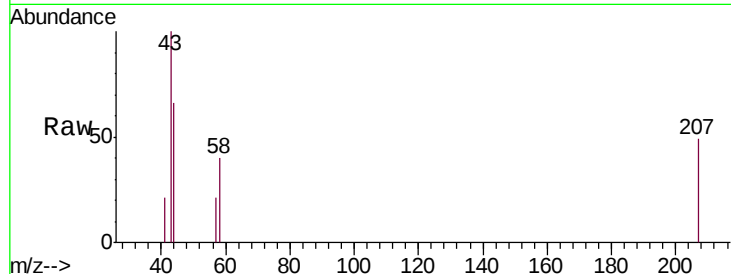




#59
 2-Hexanone
 Concen: 0.406 ug/l
 RT: 8.39 min Scan# 2425
 Delta R.T. 0.02 min
 Lab File: VU025714.D
 Acq: 30 Jul 2018 10:58

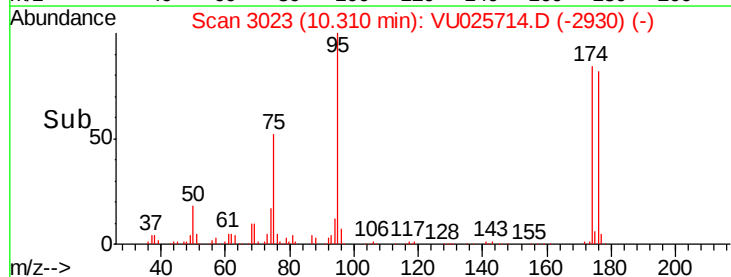
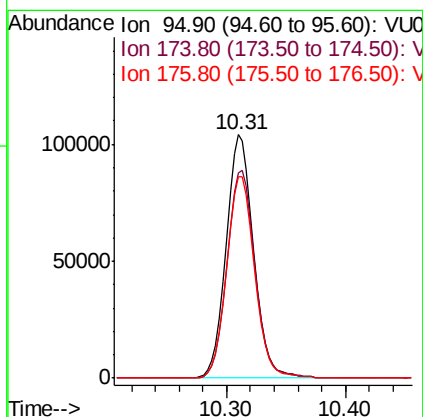
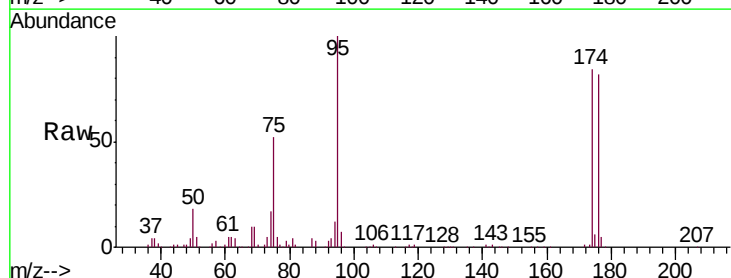
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBL01

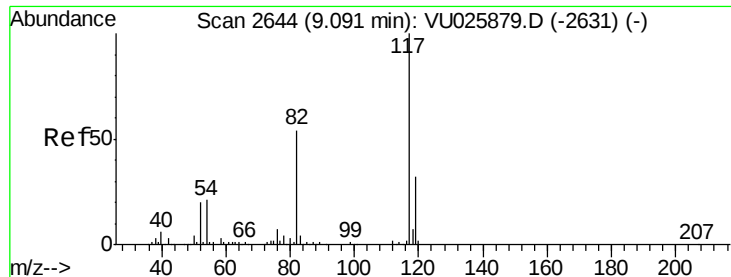
Tgt Ion: 43 Resp: 1185
 Ion Ratio Lower Upper
 43 100
 58 37.0 26.2 78.5



#62
 4-Bromofluorobenzene
 Concen: 47.320 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025714.D
 Acq: 30 Jul 2018 10:58

Tgt Ion: 95 Resp: 165984
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 172.2
 176 84.8 0.0 162.6

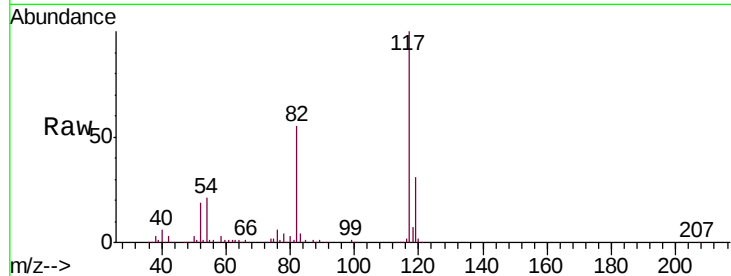




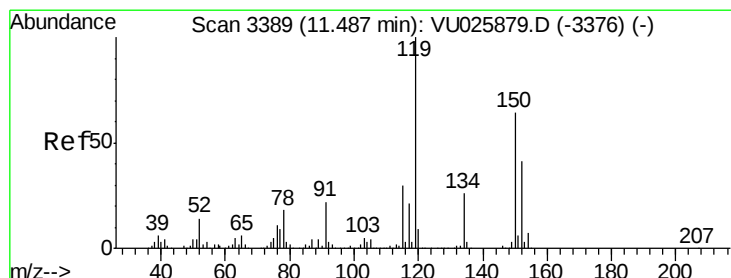
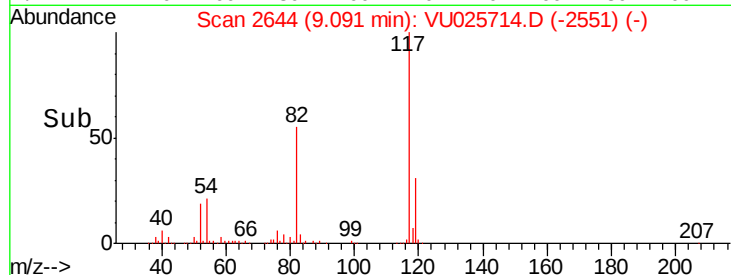
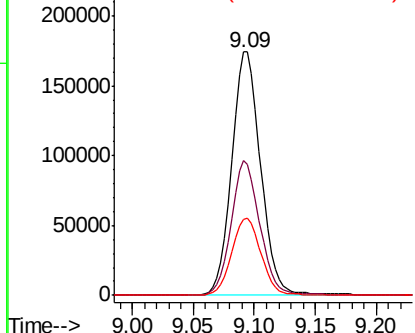
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025714.D
Acq: 30 Jul 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBL01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	288077		
82	55.2	46.0	69.0	
119	31.2	26.0	39.0	

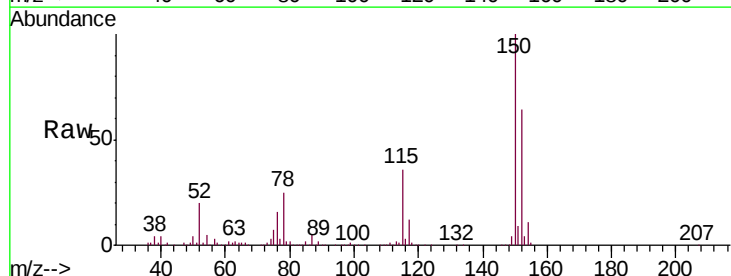


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

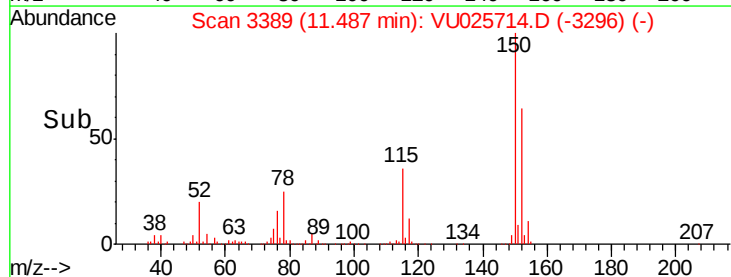
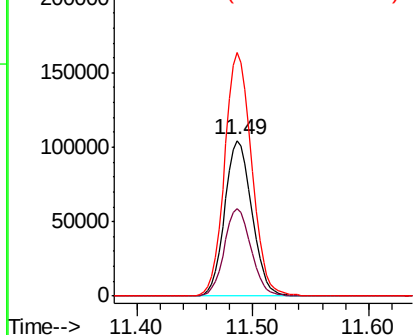


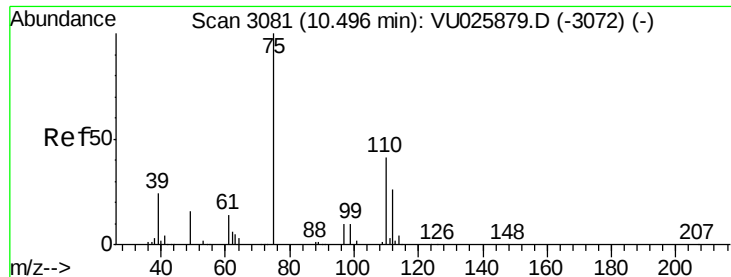
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025714.D
Acq: 30 Jul 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	170101		
115	55.6	40.1	120.3	
150	155.4	0.0	351.4	



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.727 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025714.D

Acq: 30 Jul 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

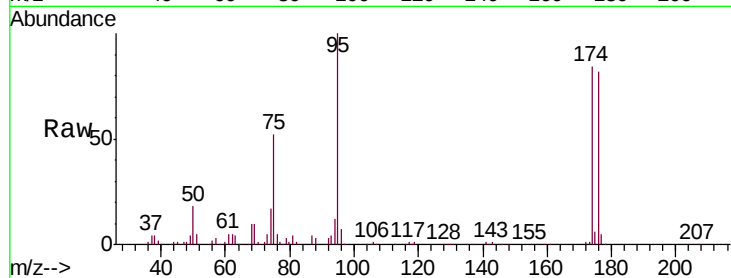
VU0730WBL01

Tgt Ion: 75 Resp: 85178

Ion Ratio Lower Upper

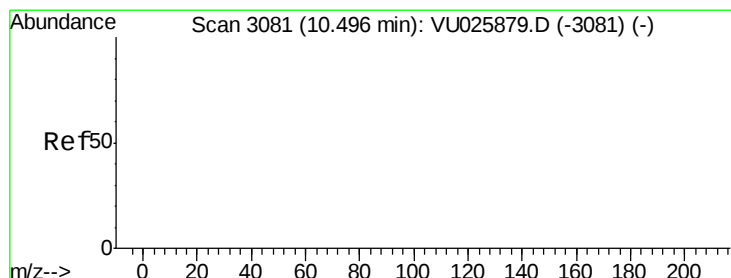
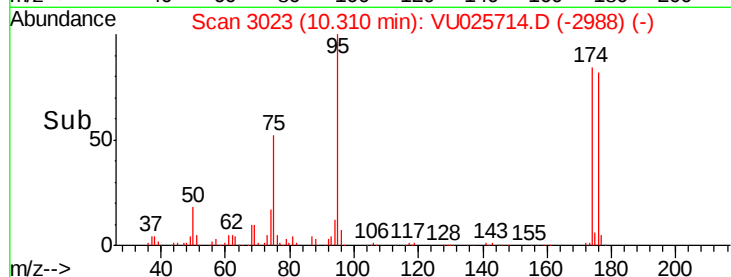
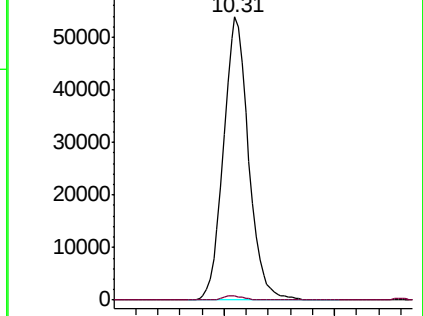
75 100

77 1.3 20.4 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#81

trans-1,4-Dichloro-2-butene

Concen: 56.988 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025714.D

Acq: 30 Jul 2018 10:58

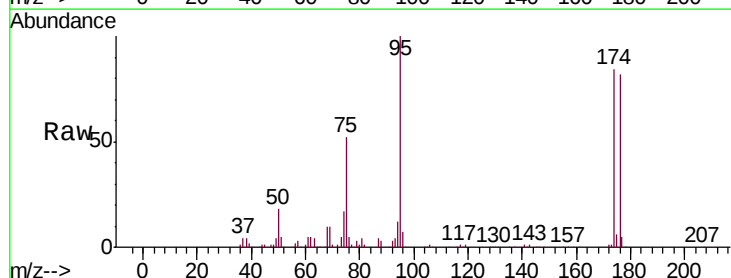
Tgt Ion: 75 Resp: 85178

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

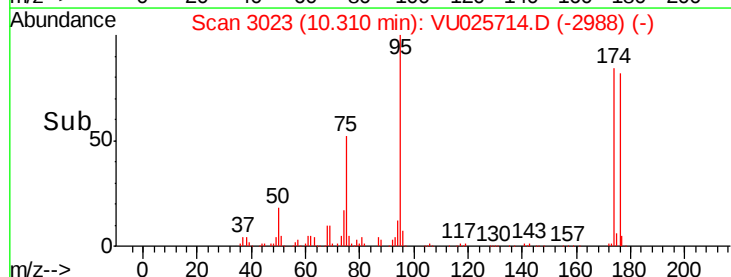
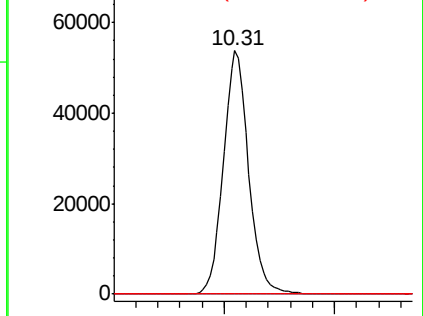
89 0.0 0.0 0.0

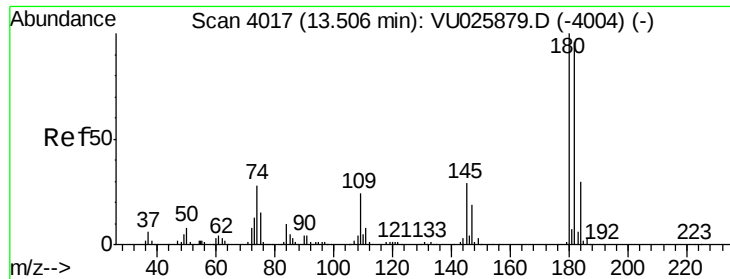


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

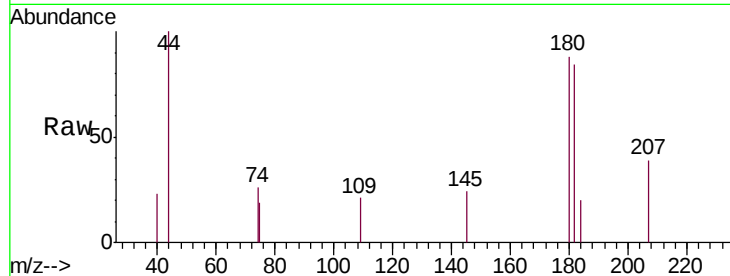




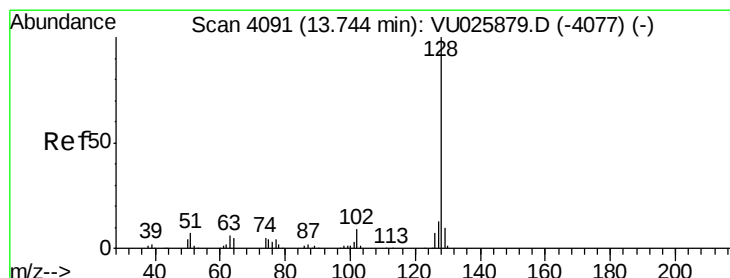
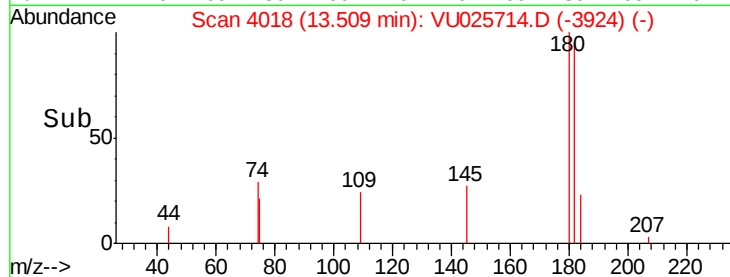
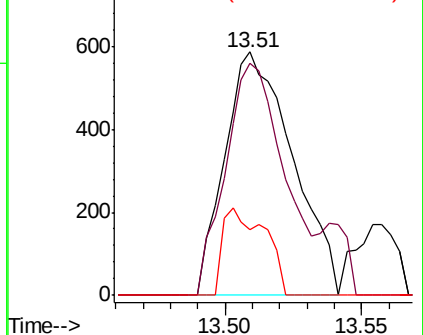
#93
 1,2,4-Trichlorobenzene
 Concen: 0.258 ug/l
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU025714.D
 Acq: 30 Jul 2018 10:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBL01

Tgt Ion:180 Resp: 1015
 Ion Ratio Lower Upper
 180 100
 182 82.0 47.3 141.9
 145 22.3 14.9 44.7

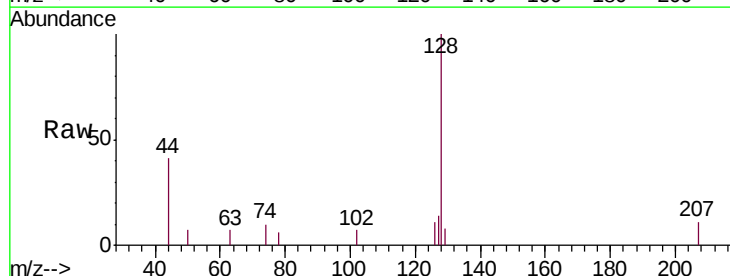


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

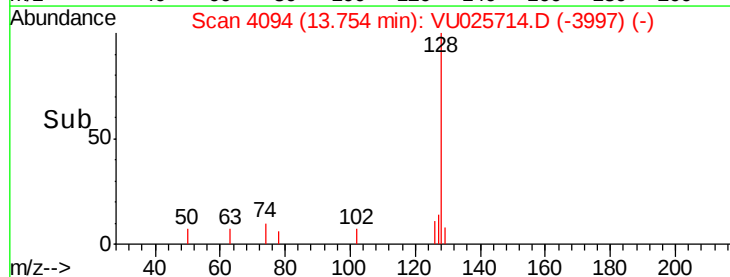
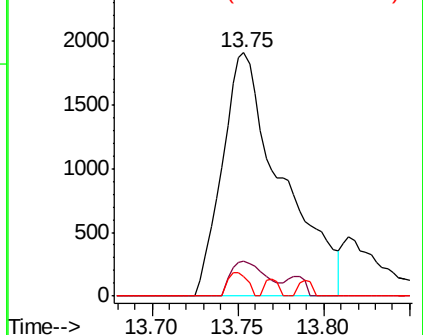


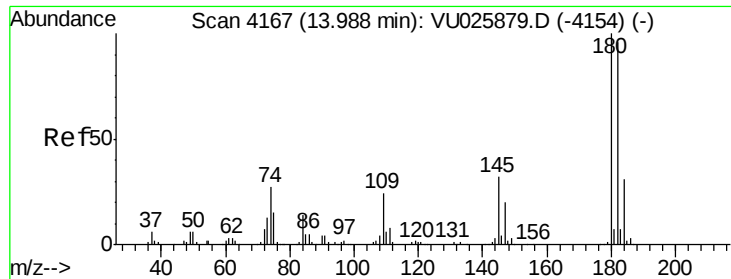
#95
 Naphthalene
 Concen: 1.606 ug/l
 RT: 13.75 min Scan# 4094
 Delta R.T. 0.01 min
 Lab File: VU025714.D
 Acq: 30 Jul 2018 10:58

Tgt Ion:128 Resp: 4600
 Ion Ratio Lower Upper
 128 100
 127 8.2 10.5 15.7#
 129 3.2 8.3 12.5#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.275 ug/l
 RT: 14.00 min Scan# 4171
 Delta R.T. 0.01 min
 Lab File: VU025714.D
 Acq: 30 Jul 2018 10:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	117.9	47.8	143.3
145	28.0	15.6	46.8

