

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121318\
 Data File : VU028652.D
 Acq On : 12 Dec 2018 15:10
 Operator : MD/SY
 Sample : J6351-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS038-181210

Quant Time: Dec 13 00:48:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	97772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	178657	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	155404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	59367	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	79201	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
35) Dibromofluoromethane	4.88	113	59301	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
50) Toluene-d8	7.56	98	224818	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	10.30	95	73541	44.24	ug/l	0.00
Spiked Amount			Recovery	=	88.48%	

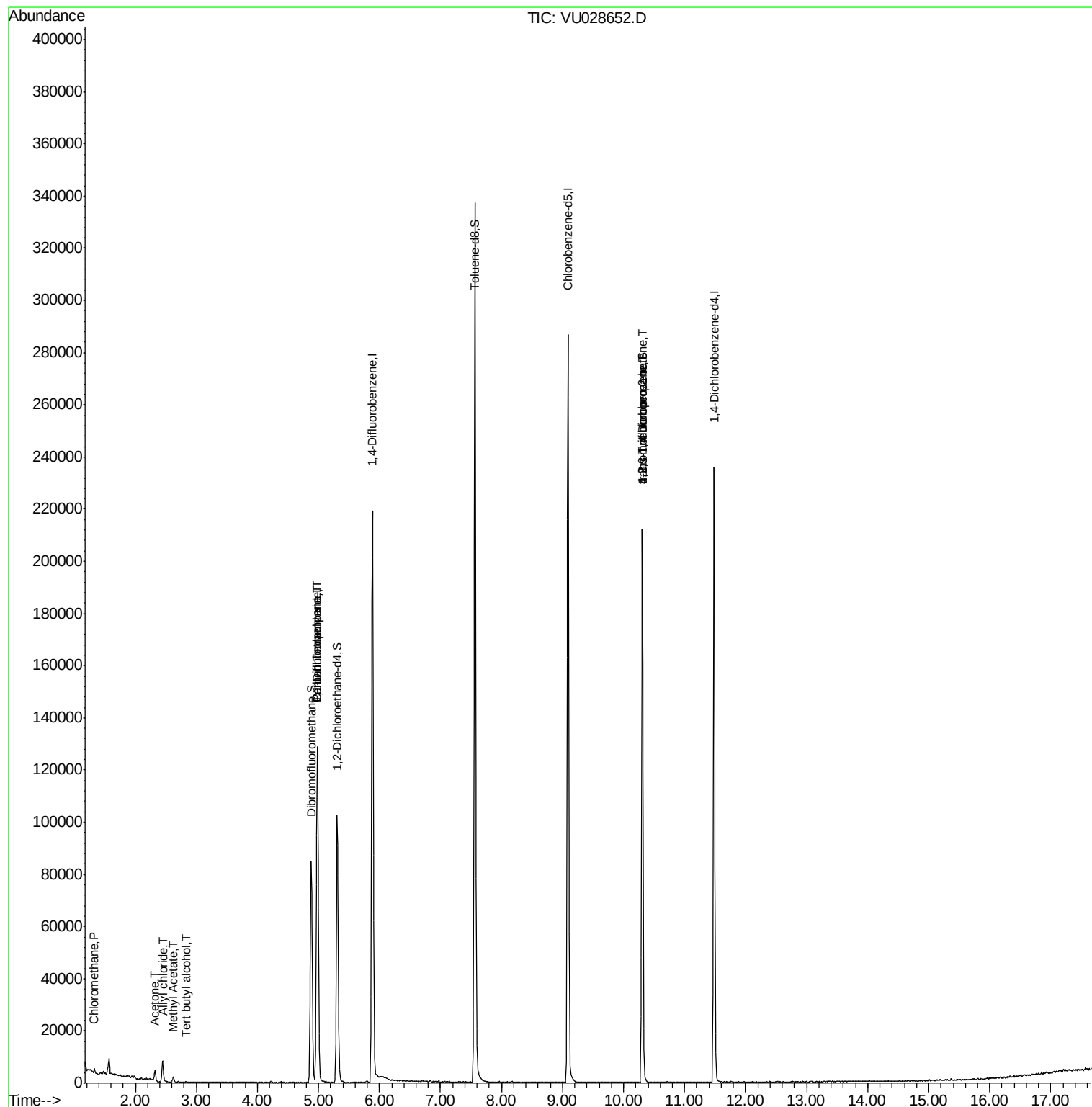
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1662	0.690	ug/l #	81
11) Tert butyl alcohol	2.83	59	77	0.232	ug/l #	73
14) Allyl chloride	2.44	41	815	0.316	ug/l #	75
16) Acetone	2.32	43	4768	4.897	ug/l	98
18) Methyl Acetate	2.62	43	2813	1.115	ug/l #	91
31) Cyclohexane	4.98	56	2149	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8551	4.374	ug/l #	50
38) Carbon Tetrachloride	4.98	117	9314	5.911	ug/l #	15
76) 1,2,3-Trichloropropane	10.30	75	37019	24.420	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	37019	59.935	ug/l #	100

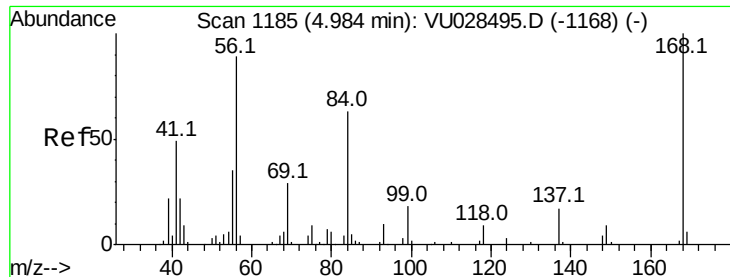
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121318\
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Quant Time: Dec 13 00:48:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028652.D

Acq: 12 Dec 2018 15:10

Instrument :

MSVOA_U

ClientSampleId :

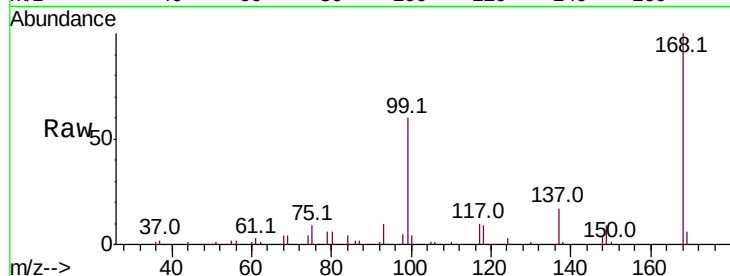
KY038PS038-181210

Tot Ion:168 Resp: 97772

Ion Ratio Lower Upper

168 100

99 59.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

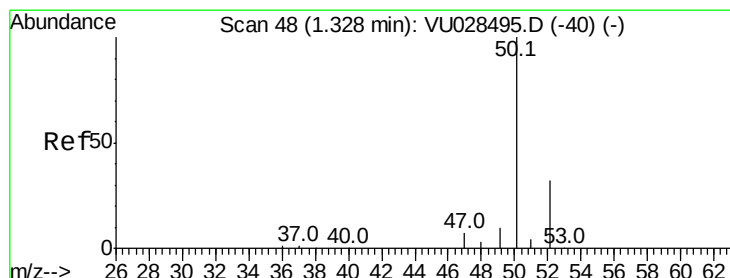
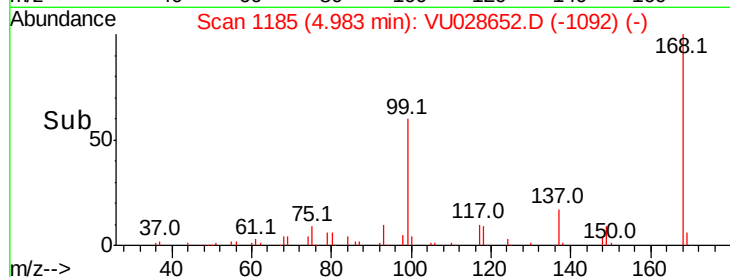
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#3

Chloromethane

Concen: 0.690 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028652.D

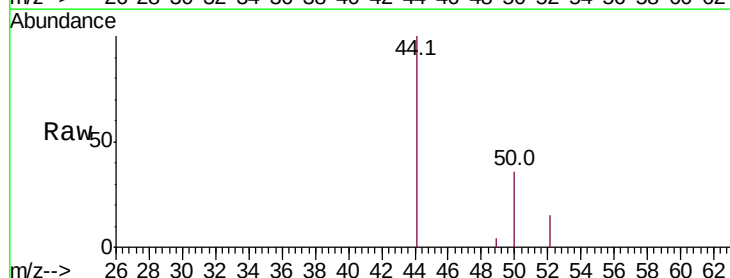
Acq: 12 Dec 2018 15:10

Tgt Ion: 50 Resp: 1662

Ion Ratio Lower Upper

50 100

52 42.7 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.33

1500

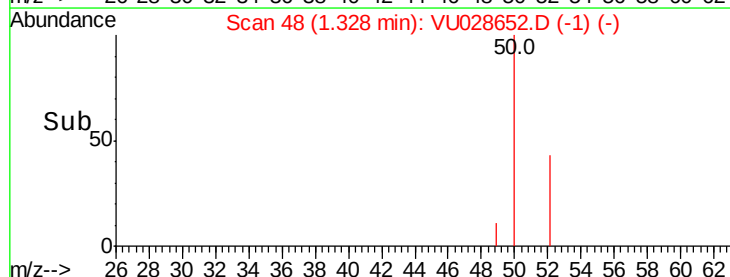
1000

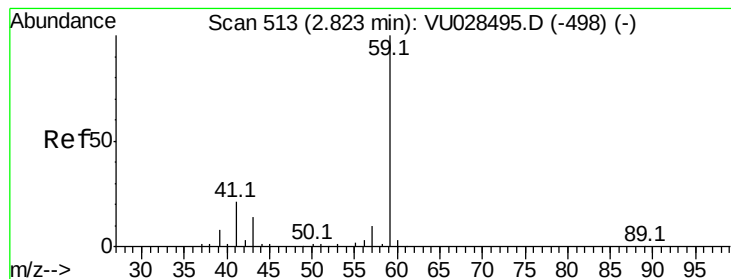
500

0

1.30 1.35

Time-->



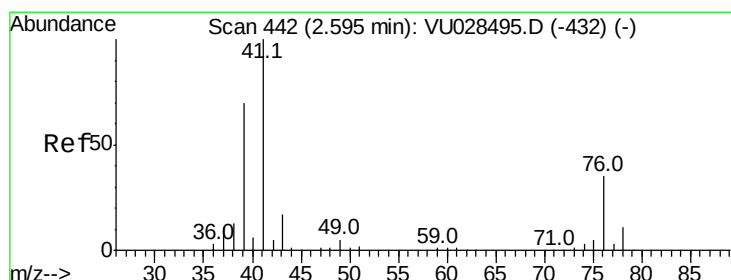
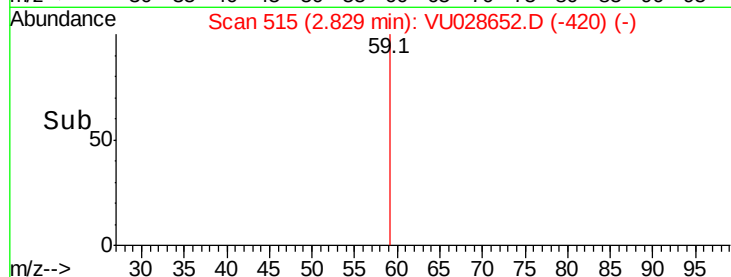
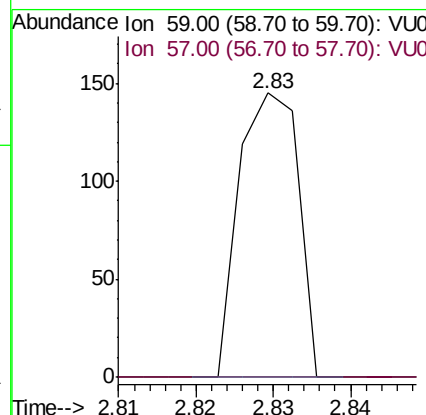
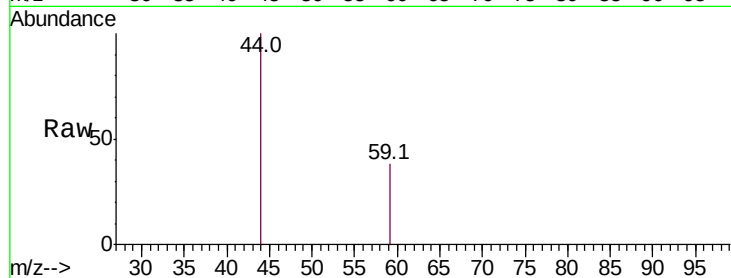


#11

Tert butyl alcohol
 Concen: 0.232 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.01 min
 Lab File: VU028652.D
 Acq: 12 Dec 2018 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS038-181210

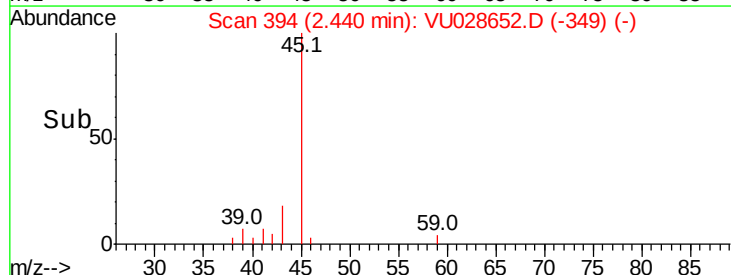
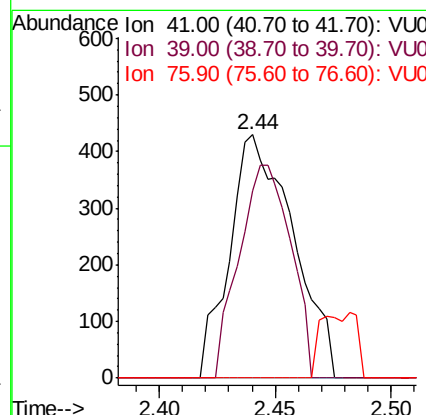
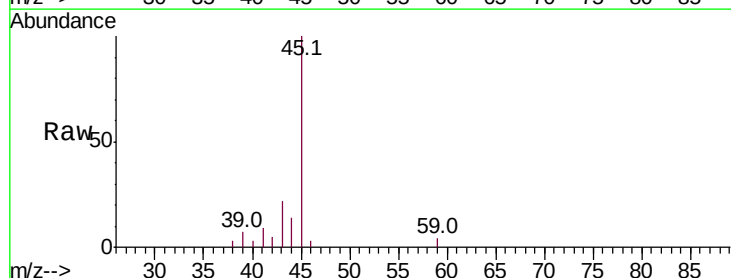
Tot Ion: 59 Resp: 77
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

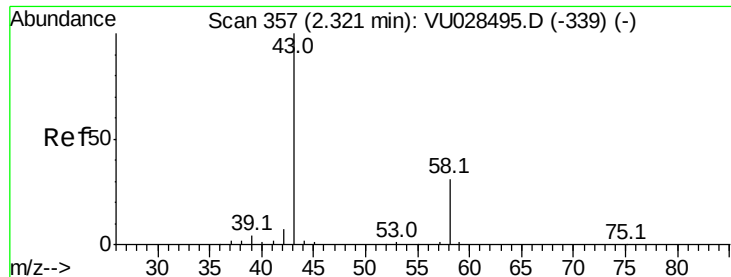


#14

Allyl chloride
 Concen: 0.316 ug/l
 RT: 2.44 min Scan# 394
 Delta R.T. -0.15 min
 Lab File: VU028652.D
 Acq: 12 Dec 2018 15:10

Tgt Ion: 41 Resp: 815
 Ion Ratio Lower Upper
 41 100
 39 71.5 50.8 76.2
 76 0.0 24.8 37.2#





#16

Acetone

Concen: 4.897 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028652.D

Acq: 12 Dec 2018 15:10

Instrument :

MSVOA_U

ClientSampleId :

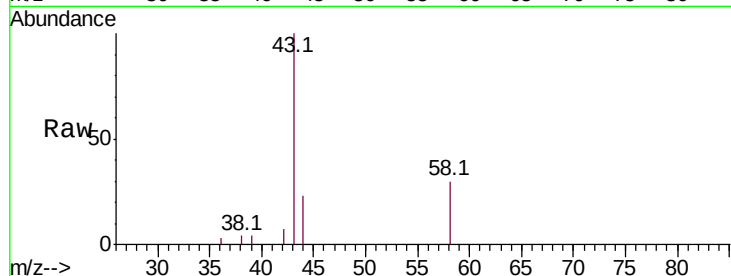
KY038PS038-181210

Tot Ion: 43 Resp: 4768

Ion Ratio Lower Upper

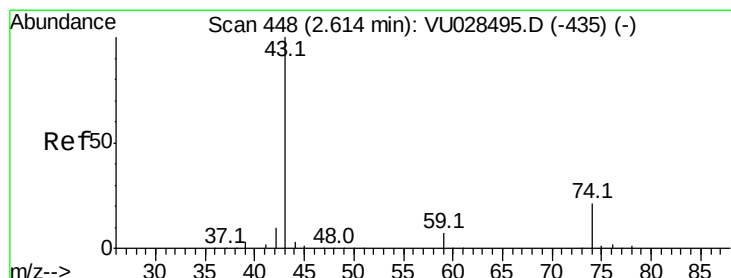
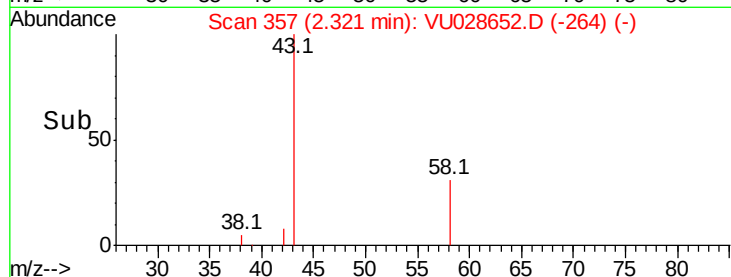
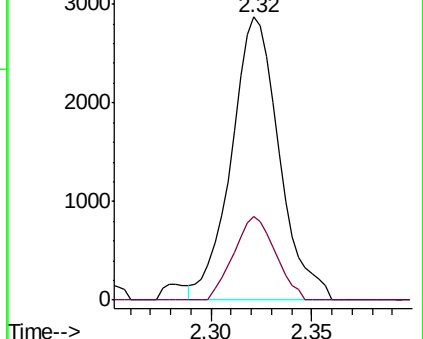
43 100

58 29.5 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 1.115 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028652.D

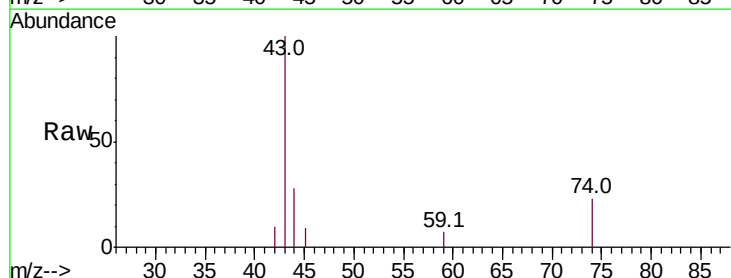
Acq: 12 Dec 2018 15:10

Tgt Ion: 43 Resp: 2813

Ion Ratio Lower Upper

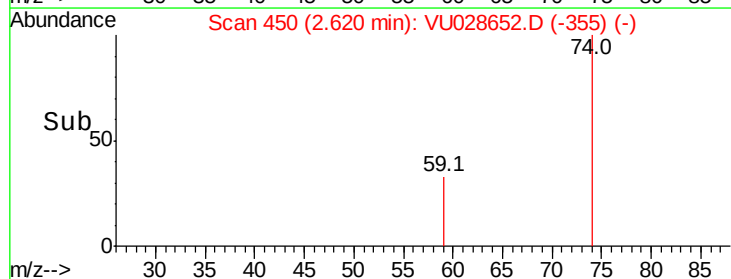
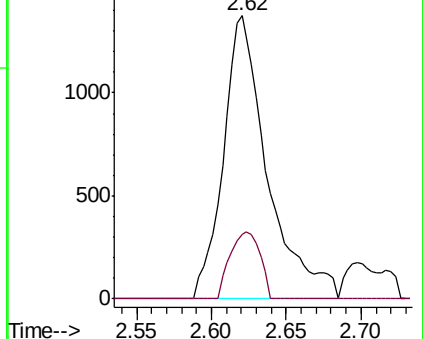
43 100

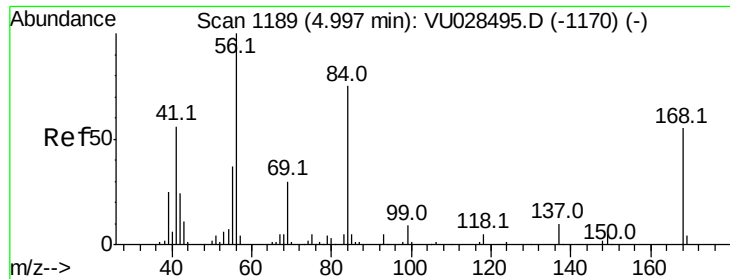
74 16.2 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

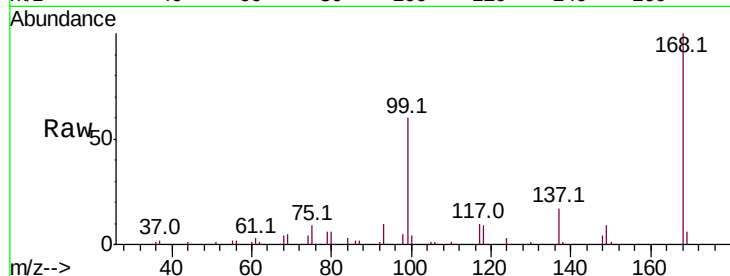




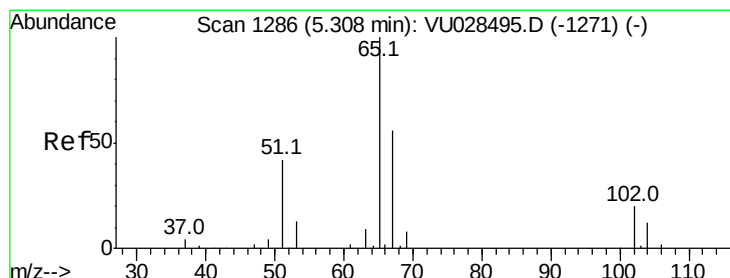
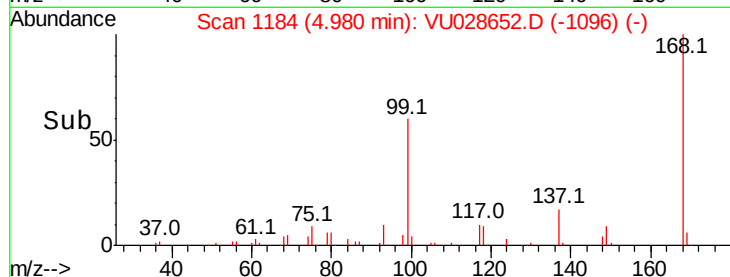
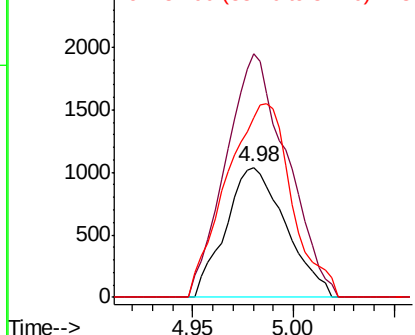
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028652.D
Acq: 12 Dec 2018 15:10

Instrument :
MSVOA_U
ClientSampleId :
KY038PS038-181210

Tot Ion: 56 Resp: 2149
Ion Ratio Lower Upper
56 100
69 187.4 24.0 36.0#
84 138.5 59.7 89.5#

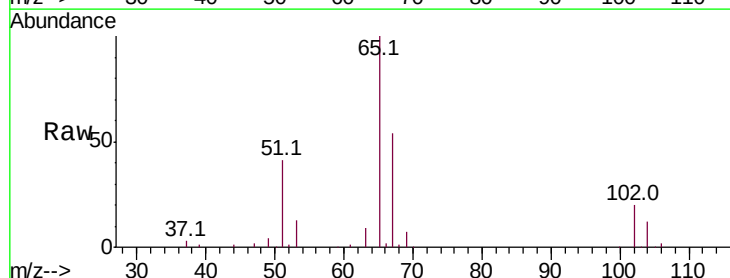


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

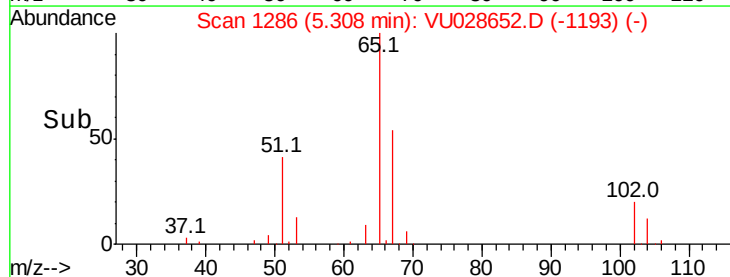
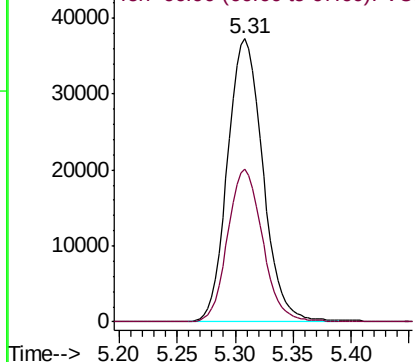


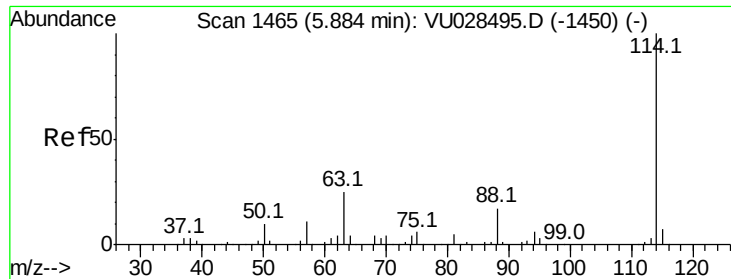
#33
1,2-Dichloroethane-d4
Concen: 53.082 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028652.D
Acq: 12 Dec 2018 15:10

Tgt Ion: 65 Resp: 79201
Ion Ratio Lower Upper
65 100
67 53.0 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

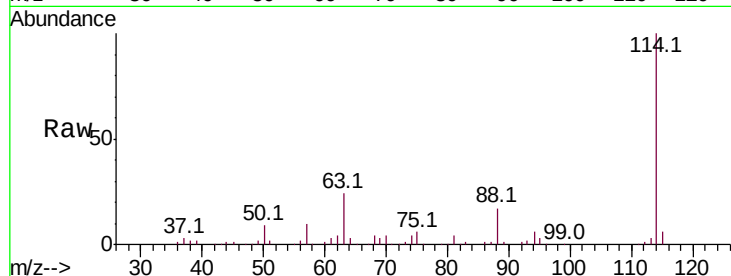




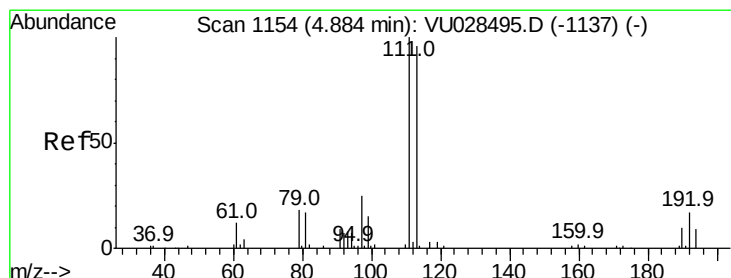
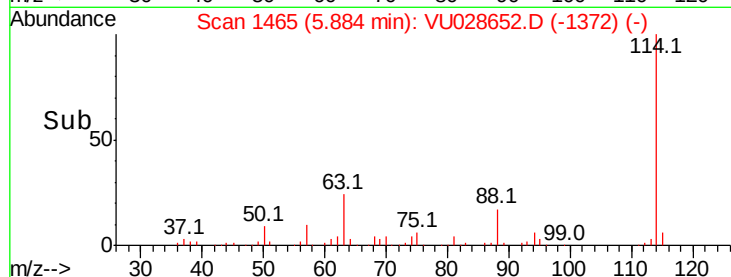
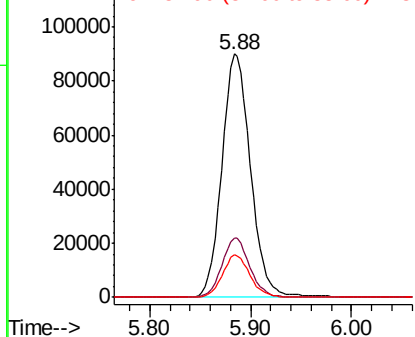
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028652.D
 Acq: 12 Dec 2018 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS038-181210

Tot Ion:	114	Resp:	178657
Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	49.2
88	17.4	0.0	33.4

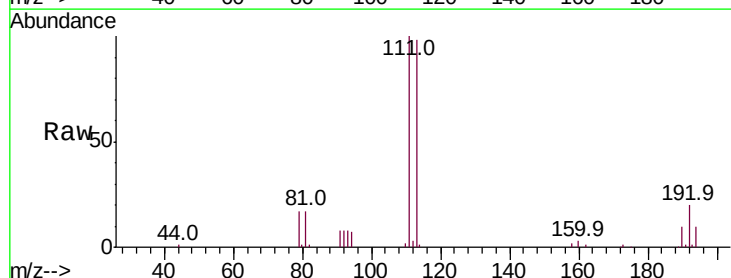


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

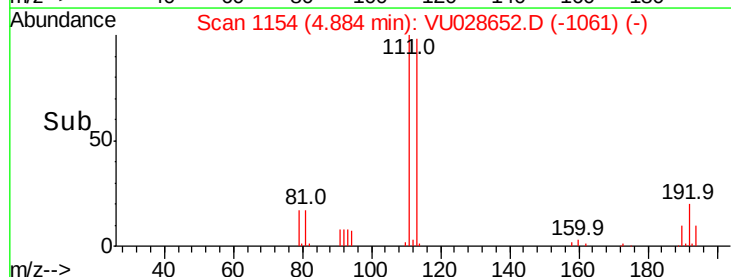
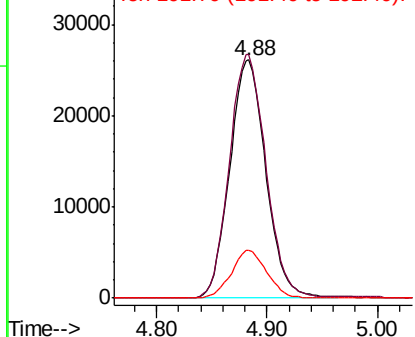


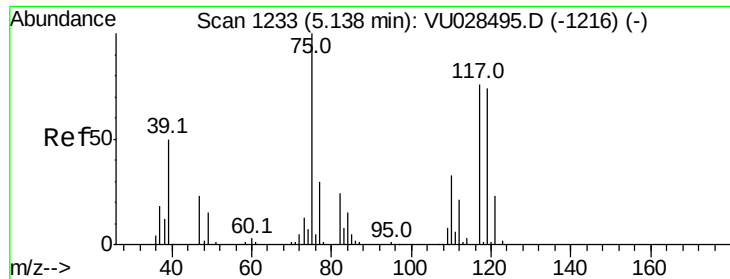
#35
 Dibromofluoromethane
 Concen: 52.745 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028652.D
 Acq: 12 Dec 2018 15:10

Tgt Ion:	113	Resp:	59301
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.0
192	19.5	14.8	22.2



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

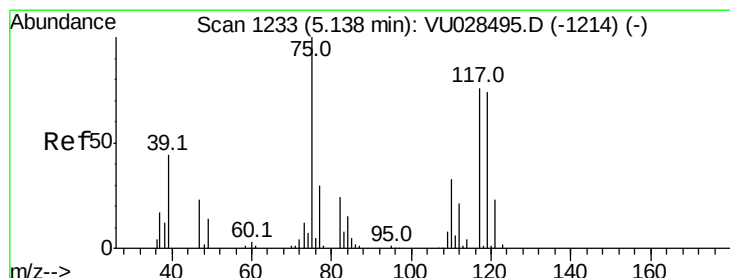
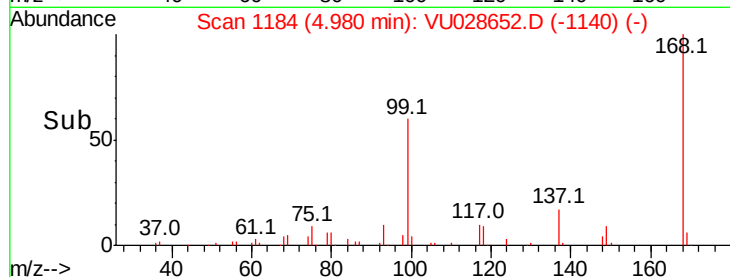
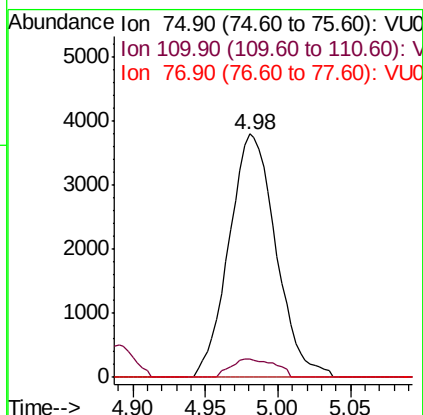
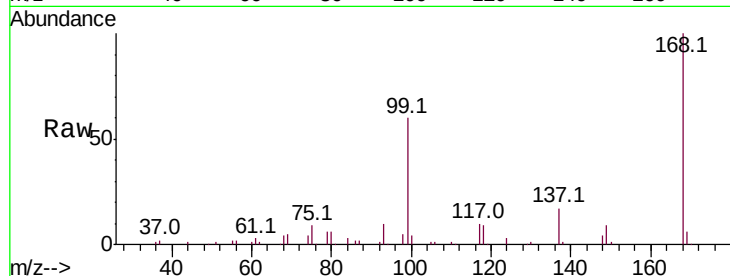




#36
 1,1-Dichloropropene
 Concen: 4.374 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028652.D
 Acq: 12 Dec 2018 15:10

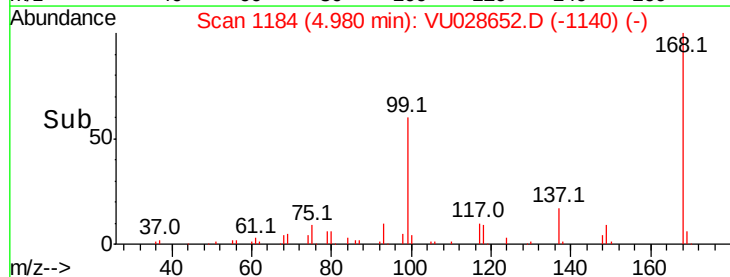
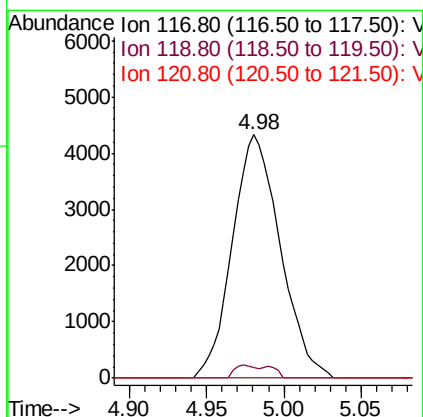
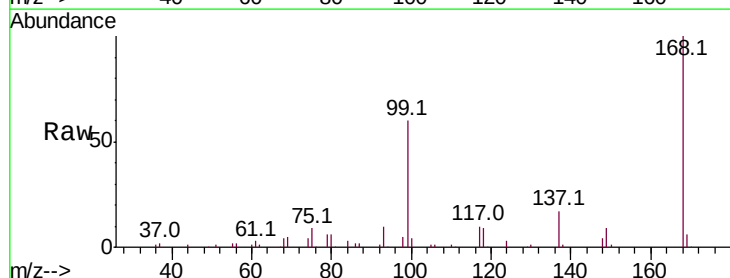
Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS038-181210

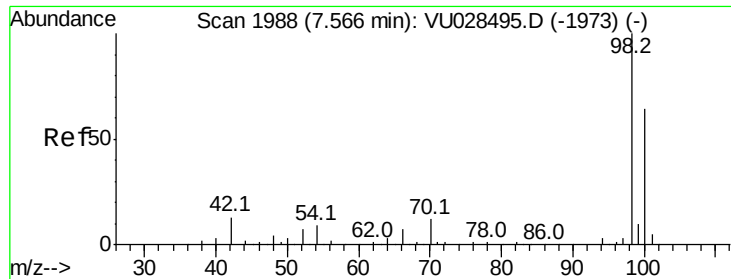
Tot Ion: 75 Resp: 8551
 Ion Ratio Lower Upper
 75 100
 110 7.1 16.1 48.2#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 5.911 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028652.D
 Acq: 12 Dec 2018 15:10

Tgt Ion: 117 Resp: 9314
 Ion Ratio Lower Upper
 117 100
 119 4.6 77.6 116.4#
 121 0.0 24.6 36.8#





#50

Toluene-d8

Concen: 50.549 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028652.D

Acq: 12 Dec 2018 15:10

Instrument :

MSVOA_U

ClientSampleId :

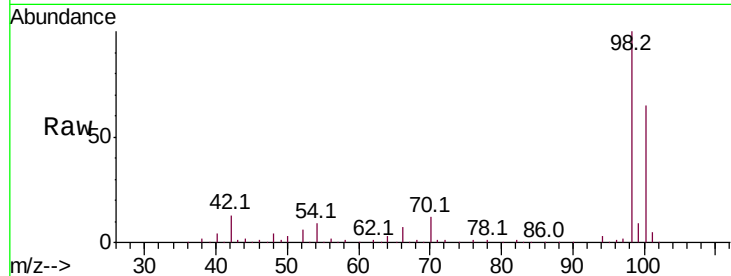
KY038PS038-181210

Tot Ion: 98 Resp: 224818

Ion Ratio Lower Upper

98 100

100 64.8 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.56

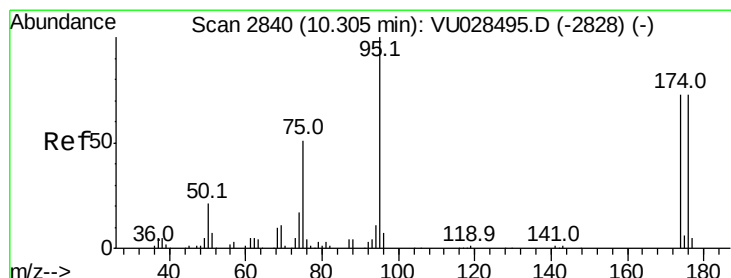
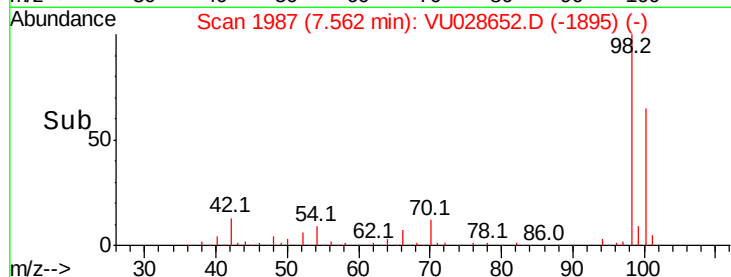
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.240 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028652.D

Acq: 12 Dec 2018 15:10

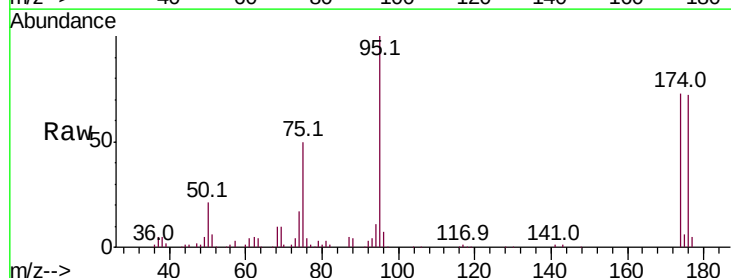
Tgt Ion: 95 Resp: 73541

Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.4

176 72.5 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

10.30

60000

50000

40000

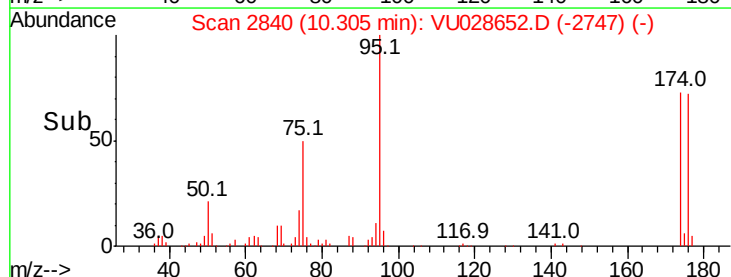
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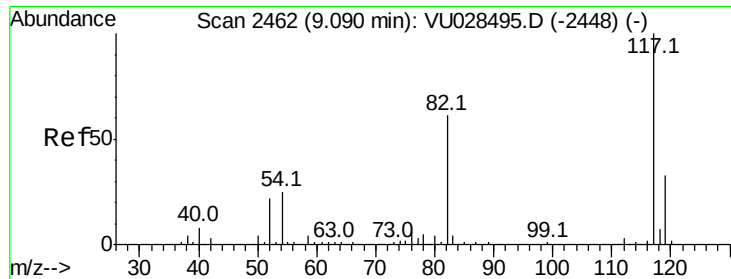
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Time-->

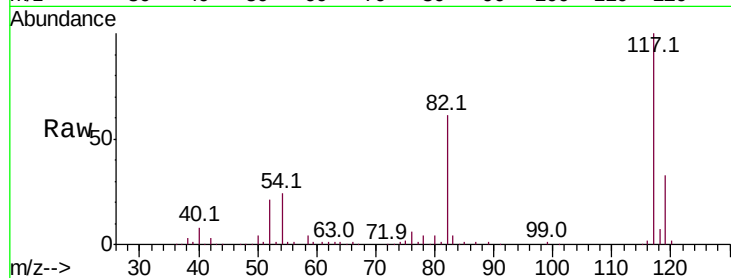




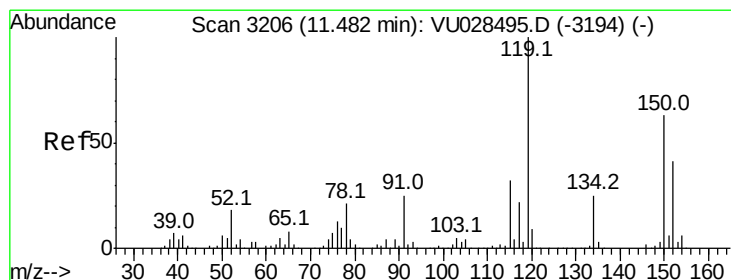
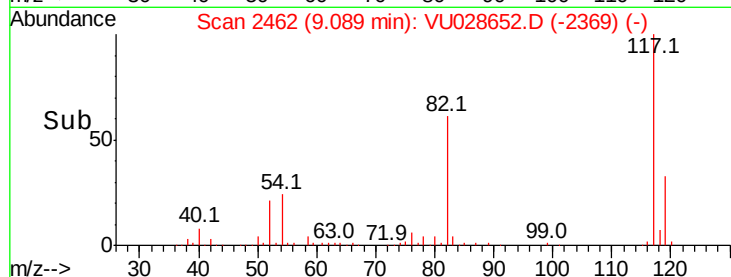
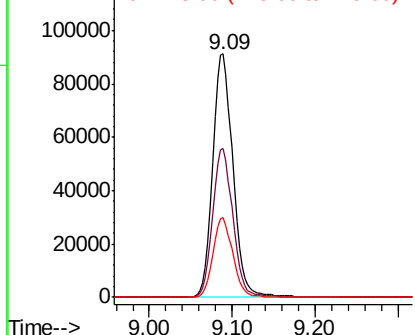
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028652.D
Acq: 12 Dec 2018 15:10

Instrument :
MSVOA_U
ClientSampleId :
KY038PS038-181210

Tot Ion:117 Resp: 155404
Ion Ratio Lower Upper
117 100
82 60.9 48.9 73.3
119 32.5 26.2 39.4

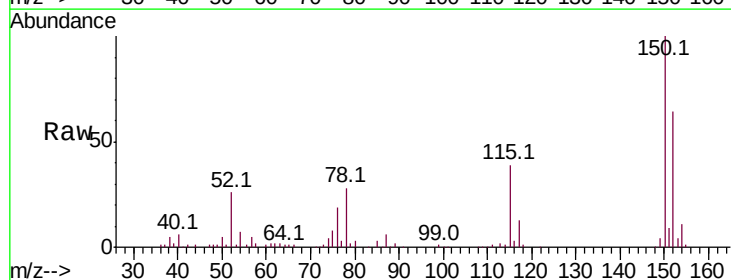


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

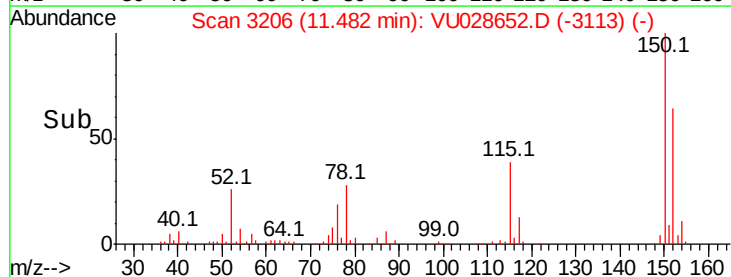
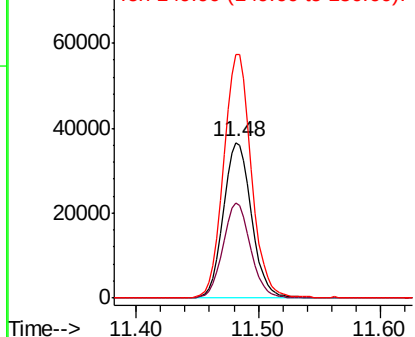


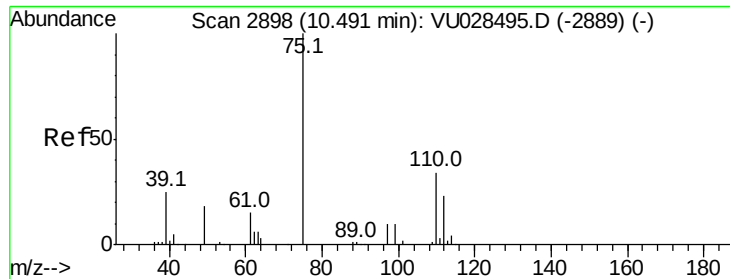
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028652.D
Acq: 12 Dec 2018 15:10

Tgt Ion:152 Resp: 59367
Ion Ratio Lower Upper
152 100
115 59.9 42.7 128.1
150 154.7 0.0 346.0



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: 24.420 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028652.D

Acq: 12 Dec 2018 15:10

Instrument :

MSVOA_U

ClientSampleId :

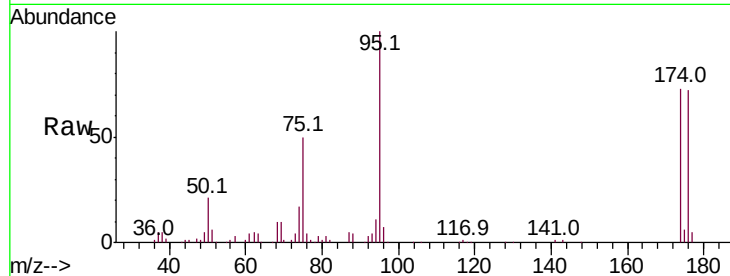
KY038PS038-181210

Tot Ion: 75 Resp: 37019

Ion Ratio Lower Upper

75 100

77 1.0 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

25000

20000

15000

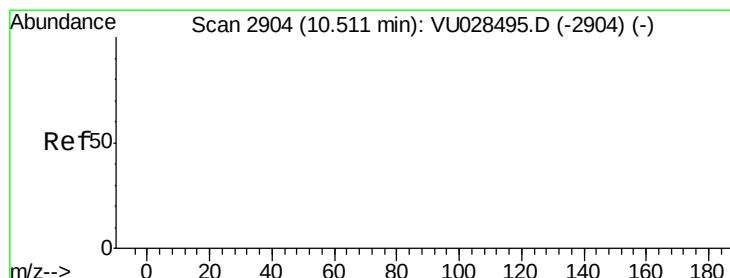
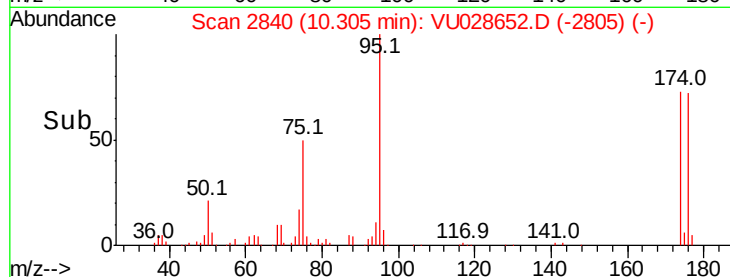
10000

5000

0

10.25 10.30 10.35

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 59.935 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028652.D

Acq: 12 Dec 2018 15:10

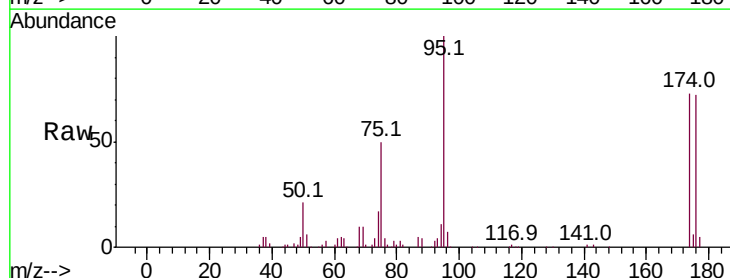
Tgt Ion: 75 Resp: 37019

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

30000

25000

20000

15000

10000

5000

0

10.25 10.30 10.35

Time-->

