

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121718\
 Data File : VU028721.D
 Acq On : 17 Dec 2018 15:30
 Operator : MD/SY
 Sample : J6402-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 03:08:42 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	99278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	175271	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	156703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	60799	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	74887	49.43	ug/l	0.00
Spiked Amount	50.000			Recovery	=	98.86%	
35) Dibromofluoromethane		4.88	113	57410	52.05	ug/l	0.00
Spiked Amount	50.000			Recovery	=	104.10%	
50) Toluene-d8		7.57	98	223546	51.23	ug/l	0.00
Spiked Amount	50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene		10.31	95	71960	44.13	ug/l	0.00
Spiked Amount	50.000			Recovery	=	88.26%	

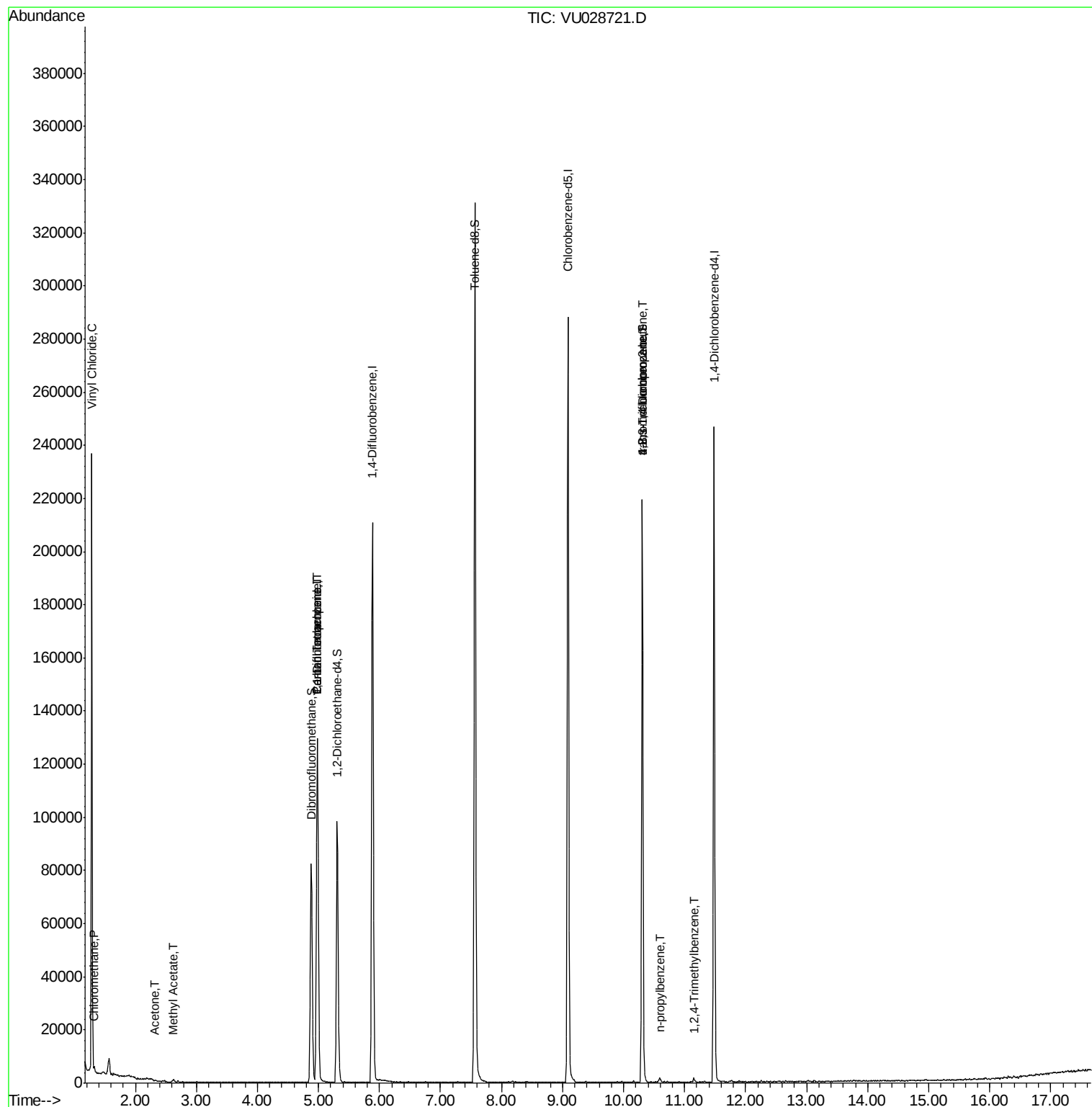
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	2003	0.819	ug/l	89
4) Vinyl Chloride	1.29	62	1944	1.101	ug/l #	43
16) Acetone	2.32	43	508	0.514	ug/l #	44
18) Methyl Acetate	2.62	43	1646	0.642	ug/l #	70
31) Cyclohexane	4.98	56	2168	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8538	4.452	ug/l #	49
38) Carbon Tetrachloride	4.98	117	9343	6.044	ug/l #	15
76) 1,2,3-Trichloropropane	10.30	75	37727	24.301	ug/l #	35
78) n-propylbenzene	10.59	91	1814	0.313	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.30	75	37727	59.645	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	1181	0.297	ug/l	95

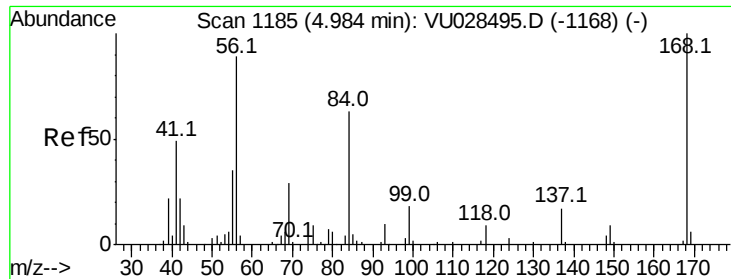
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121718\
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MSVOA_U
ClientSampleId :

Quant Time: Dec 18 03:08:42 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: VU028721.D

Acq: 17 Dec 2018 15:30

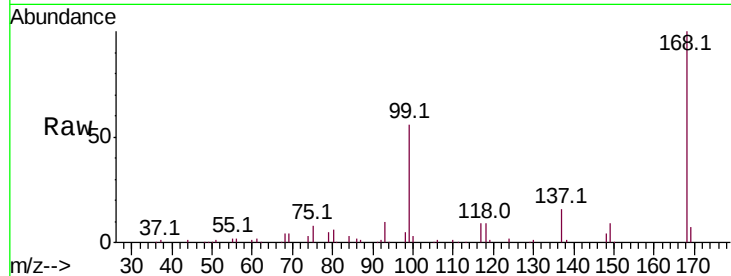
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 99278

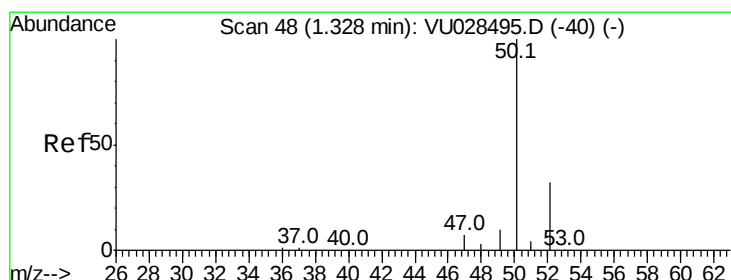
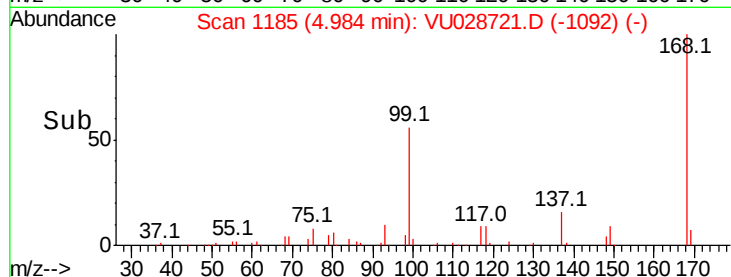
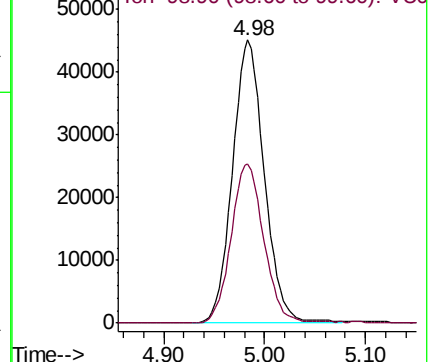
Ion Ratio Lower Upper

168 100

99 56.1 46.6 69.8



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



#3

Chloromethane

Concen: 0.819 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028721.D

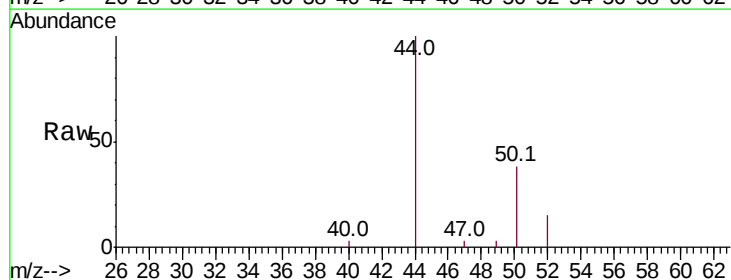
Acq: 17 Dec 2018 15:30

Tgt Ion: 50 Resp: 2003

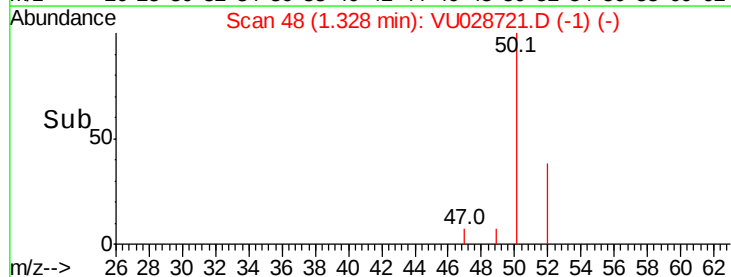
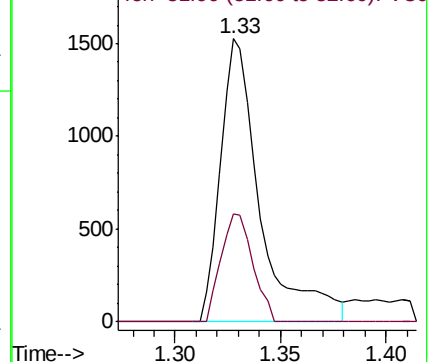
Ion Ratio Lower Upper

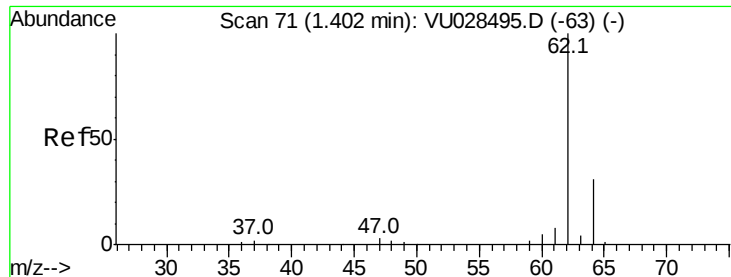
50 100

52 38.0 25.5 38.3



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





#4

Vinyl Chloride

Concen: 1.101 ug/l

RT: 1.29 min Scan# 35

Delta R.T. -0.12 min

Lab File: VU028721.D

Acq: 17 Dec 2018 15:30

Instrument :

MSVOA_U

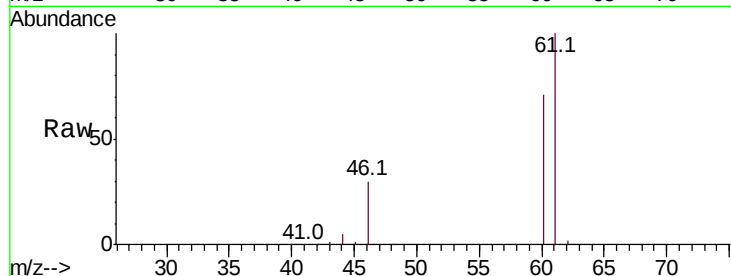
ClientSampleId :

Tot Ion: 62 Resp: 1944

Ion Ratio Lower Upper

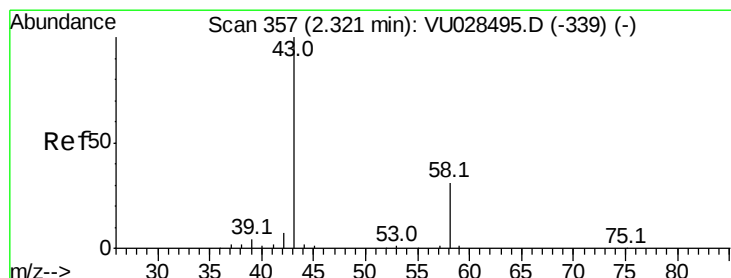
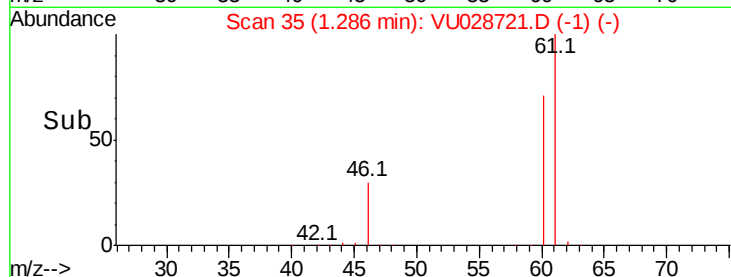
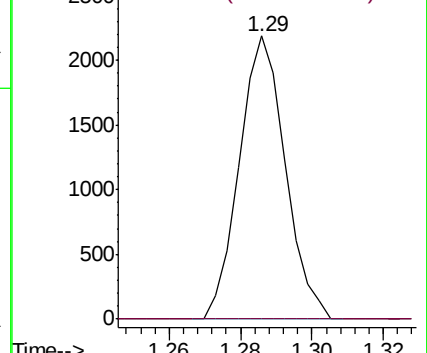
62 100

64 0.0 25.1 37.7#



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



#16

Acetone

Concen: 0.514 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU028721.D

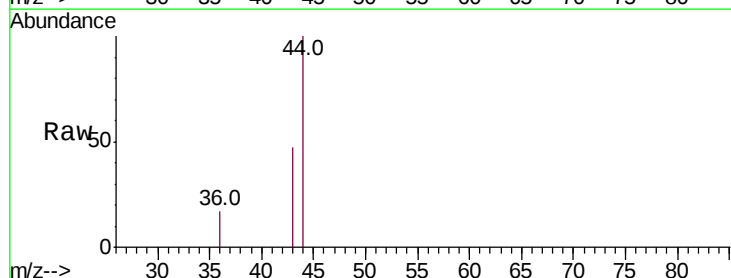
Acq: 17 Dec 2018 15:30

Tgt Ion: 43 Resp: 508

Ion Ratio Lower Upper

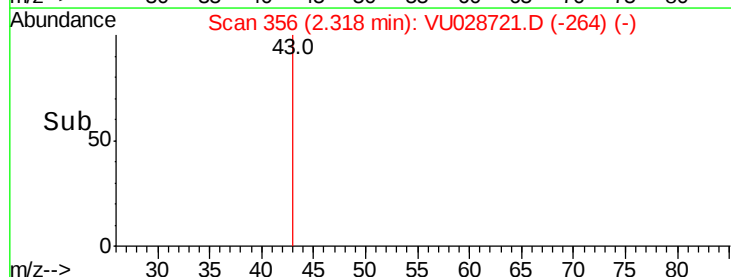
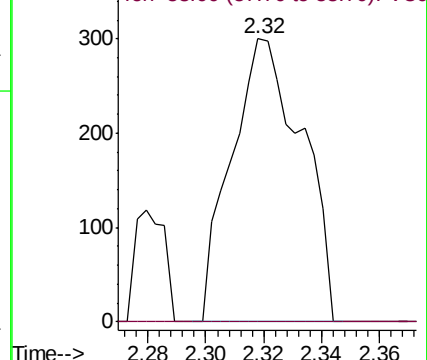
43 100

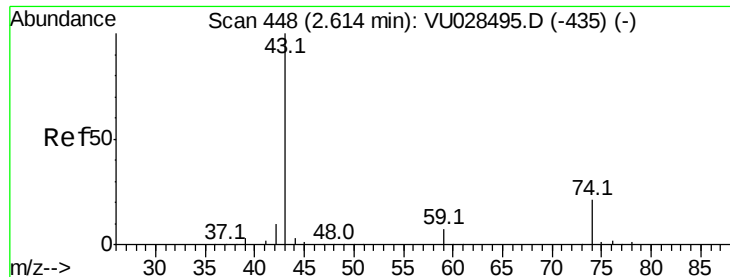
58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

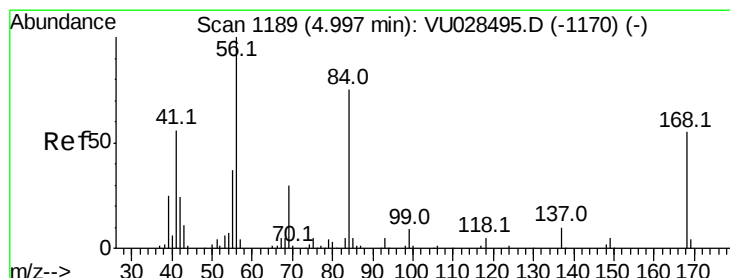
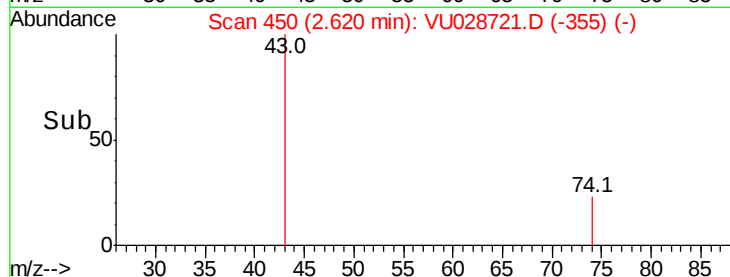
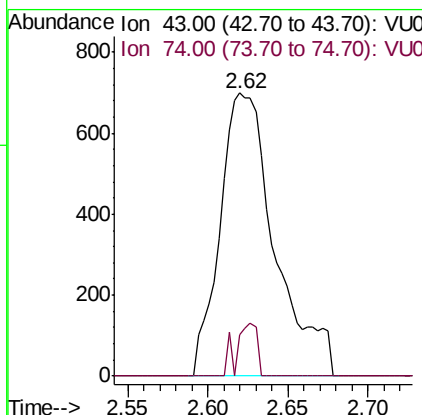
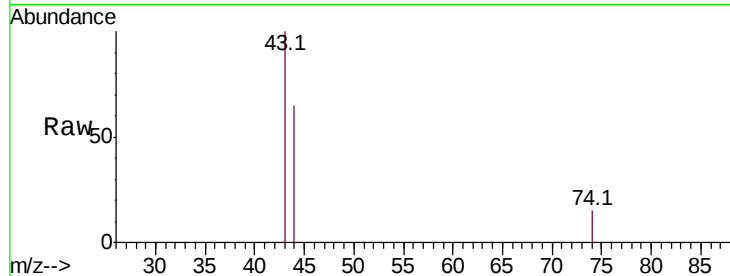




#18
Methvl Acetate
Concen: 0.642 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028721.D
Acq: 17 Dec 2018 15:30

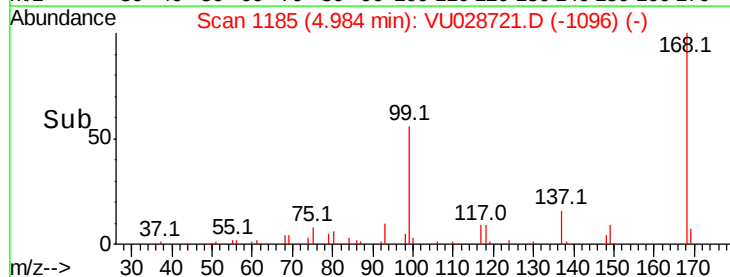
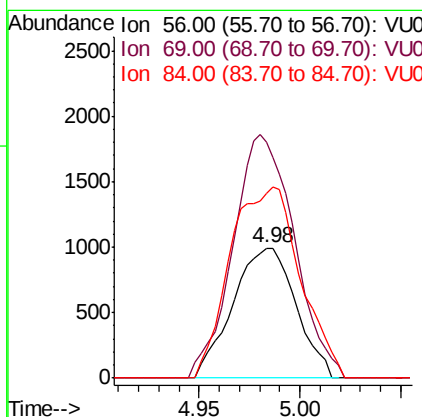
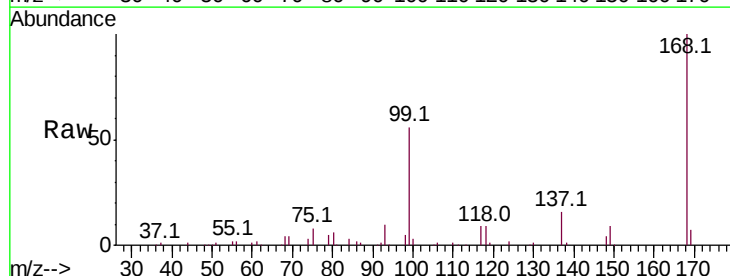
Instrument :
MSVOA_U
ClientSampleId :

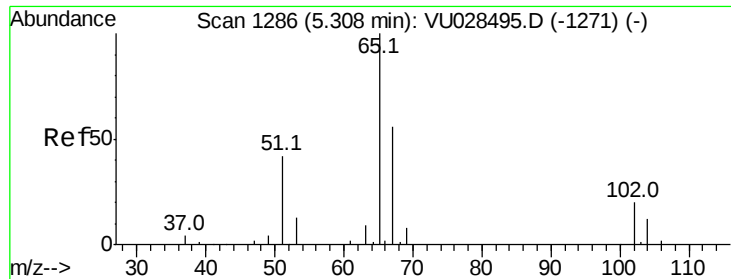
Tot Ion: 43 Resp: 1646
Ion Ratio Lower Upper
43 100
74 6.8 16.4 24.6#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028721.D
Acq: 17 Dec 2018 15:30

Tgt Ion: 56 Resp: 2168
Ion Ratio Lower Upper
56 100
69 181.0 24.0 36.0#
84 141.3 59.7 89.5#





#33

1,2-Dichloroethane-d4

Concen: 49.429 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028721.D

Acq: 17 Dec 2018 15:30

Instrument :

MSVOA_U

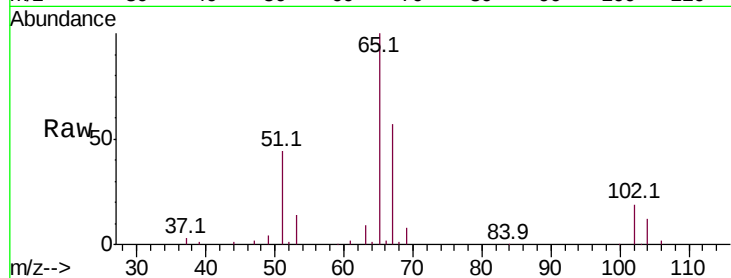
ClientSampleId :

Tot Ion: 65 Resp: 74887

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

40000

30000

20000

10000

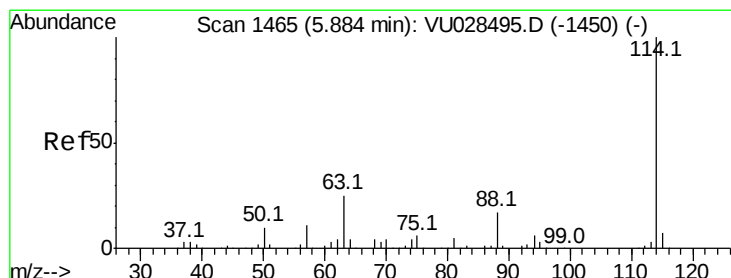
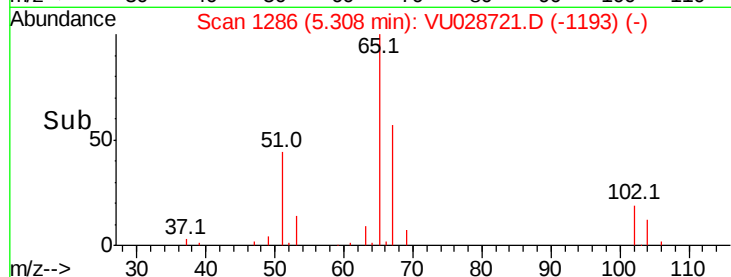
0

Time-->

5.20

5.30

5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028721.D

Acq: 17 Dec 2018 15:30

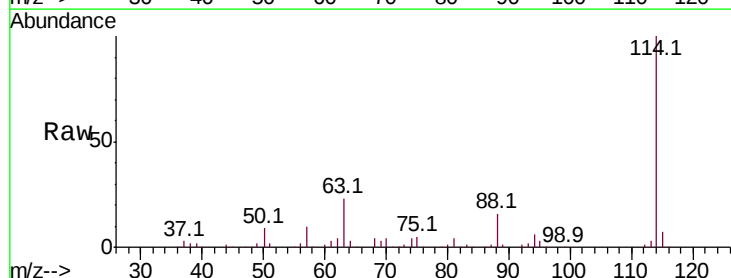
Tgt Ion: 114 Resp: 175271

Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

88 15.9 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VU028495.D (-1450) (-)

Ion 63.00 (62.70 to 63.70): VU028495.D (-1450) (-)

Ion 87.90 (87.60 to 88.60): VU028495.D (-1450) (-)

5.89

120000

100000

80000

60000

40000

20000

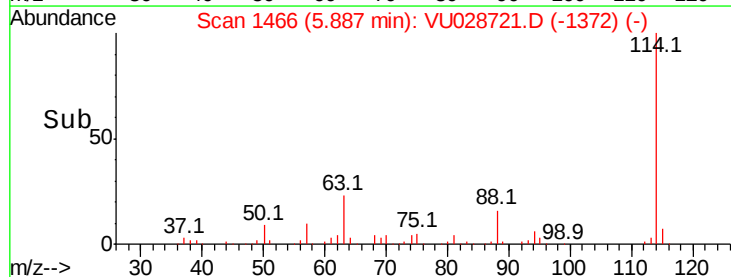
0

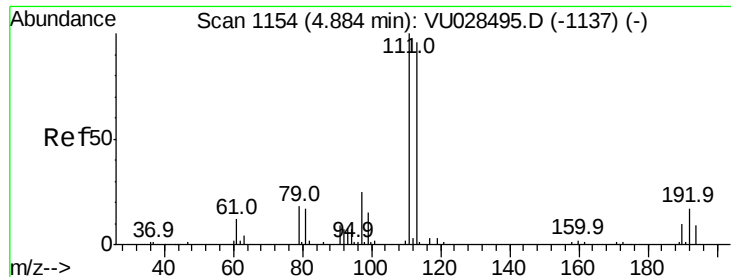
Time-->

5.80

5.90

6.00

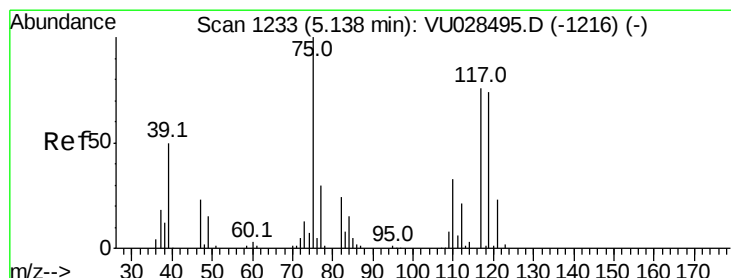
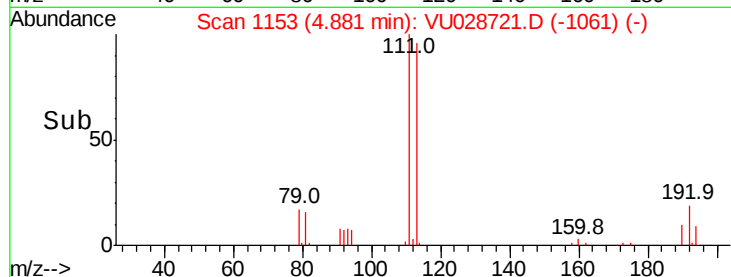
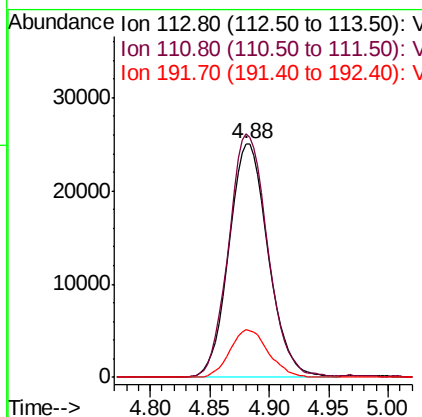
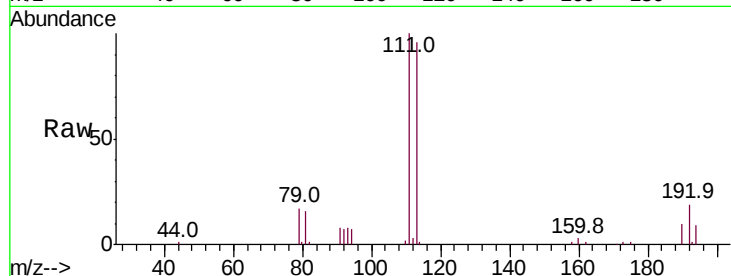




#35
 Dibromofluoromethane
 Concen: 52.049 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028721.D
 Acq: 17 Dec 2018 15:30

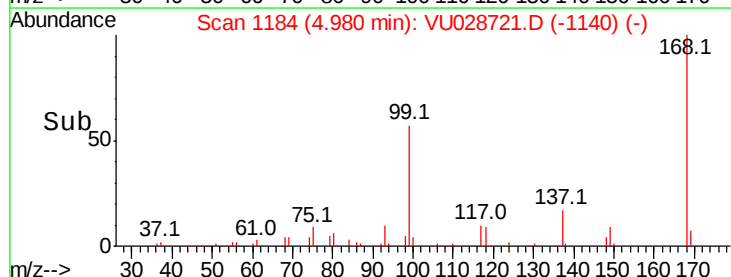
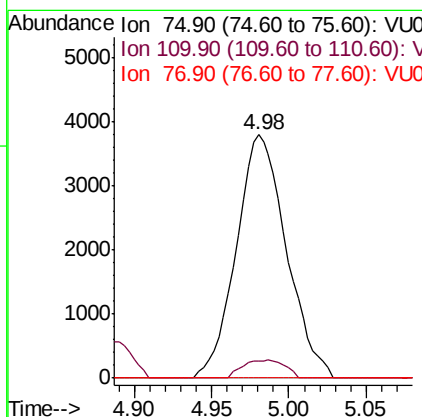
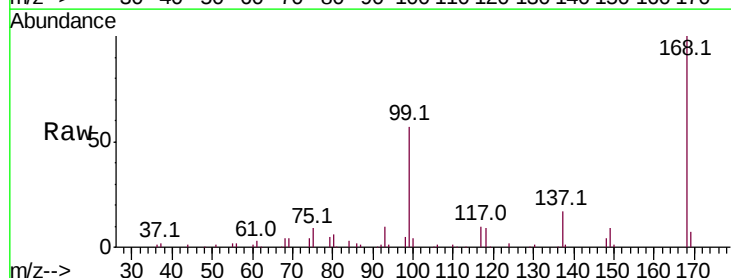
Instrument :
 MSVOA_U
 ClientSampleId :

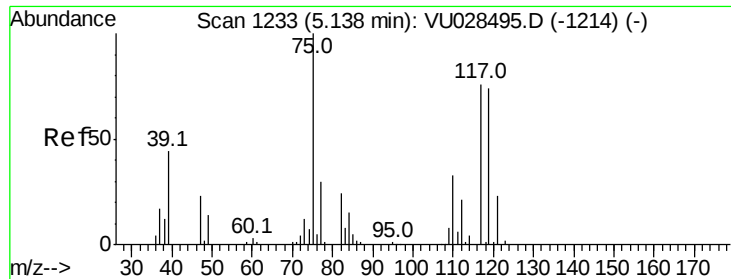
Tot Ion:113 Resp: 57410
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.4 125.0
 192 19.9 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.452 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028721.D
 Acq: 17 Dec 2018 15:30

Tgt Ion: 75 Resp: 8538
 Ion Ratio Lower Upper
 75 100
 110 6.3 16.1 48.2#
 77 0.0 24.5 36.7#

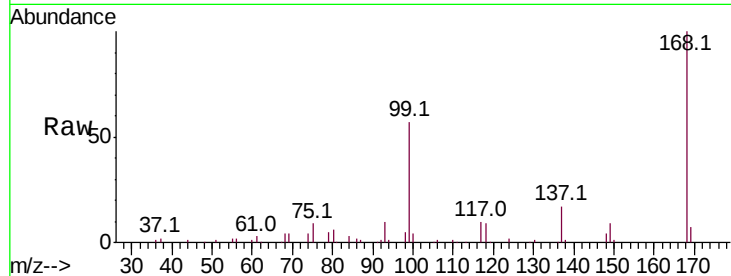




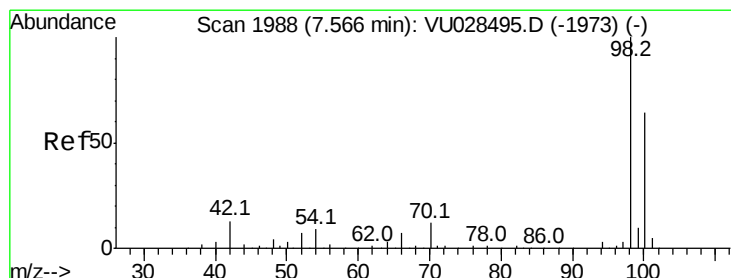
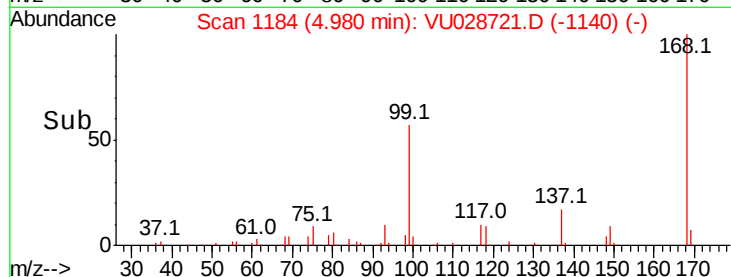
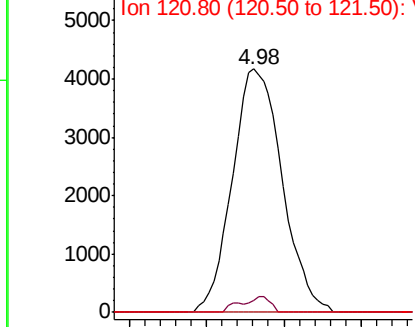
#38
Carbon Tetrachloride
Concen: 6.044 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.16 min
Lab File: VU028721.D
Acq: 17 Dec 2018 15:30

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:117 Resp: 9343
Ion Ratio Lower Upper
117 100
119 5.0 77.6 116.4#
121 0.0 24.6 36.8#

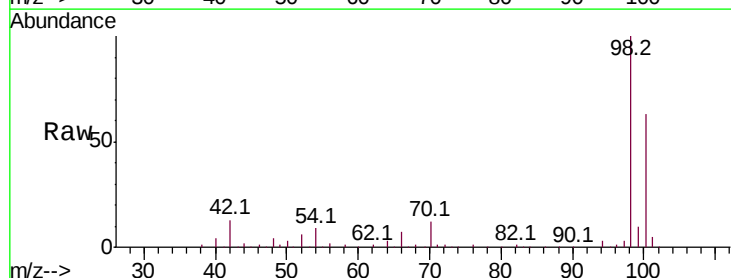


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

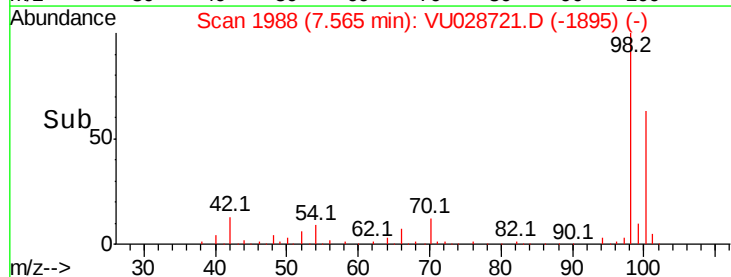
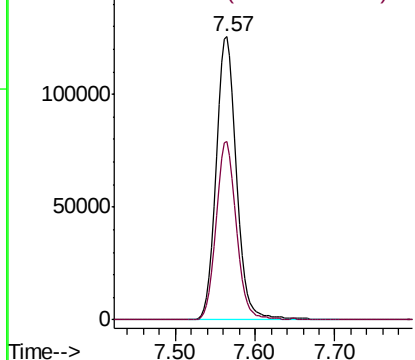


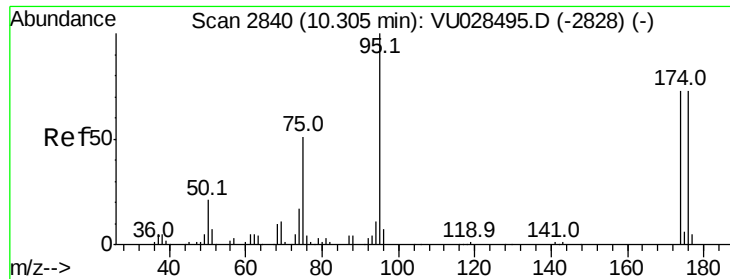
#50
Toluene-d8
Concen: 51.234 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028721.D
Acq: 17 Dec 2018 15:30

Tgt Ion: 98 Resp: 223546
Ion Ratio Lower Upper
98 100
100 62.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 44.125 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028721.D

Acq: 17 Dec 2018 15:30

Instrument :

MSVOA_U

ClientSampleId :

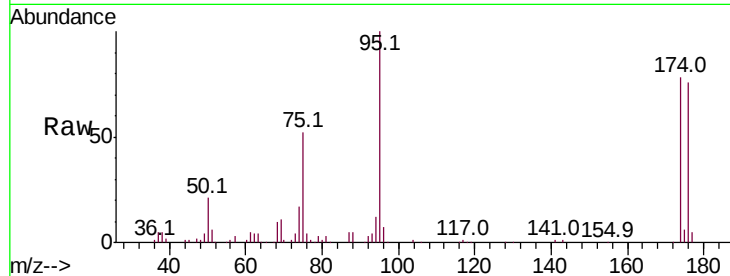
Tot Ion: 95 Resp: 71960

Ion Ratio Lower Upper

95 100

174 78.0 0.0 150.4

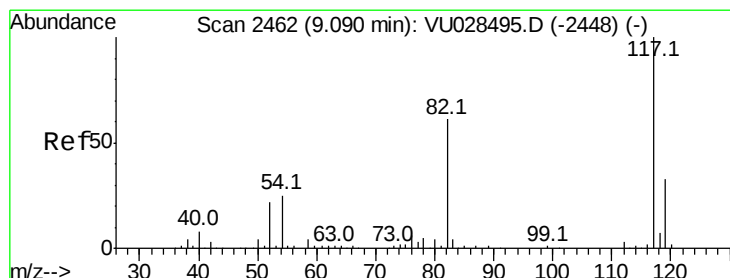
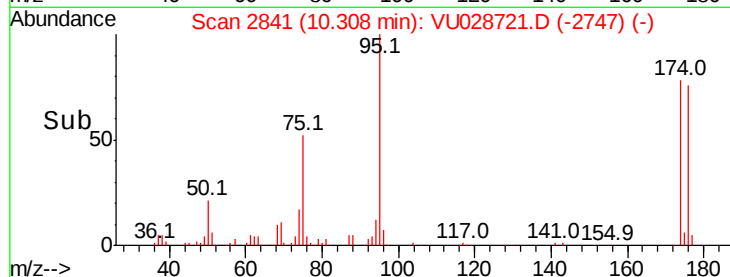
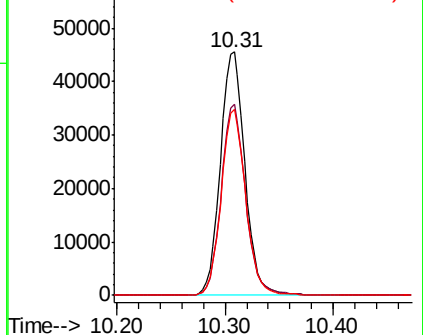
176 76.1 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028721.D

Acq: 17 Dec 2018 15:30

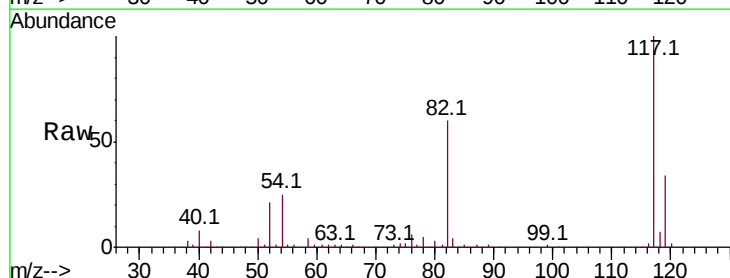
Tgt Ion: 117 Resp: 156703

Ion Ratio Lower Upper

117 100

82 59.8 48.9 73.3

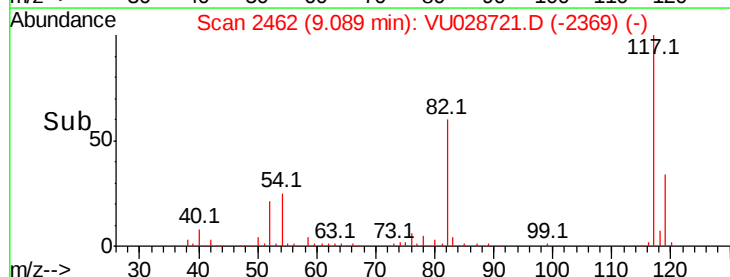
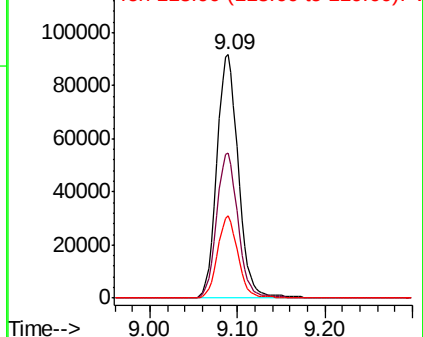
119 33.9 26.2 39.4

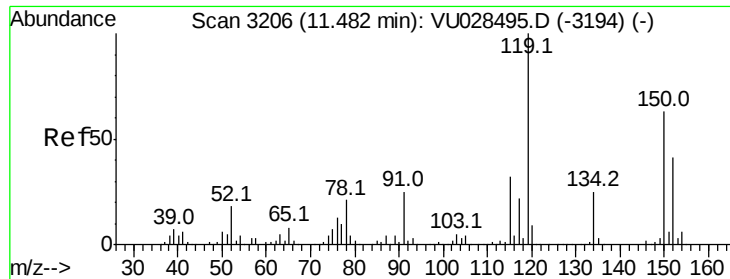


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU028721.D

Acq: 17 Dec 2018 15:30

Instrument :

MSVOA_U

ClientSampleId :

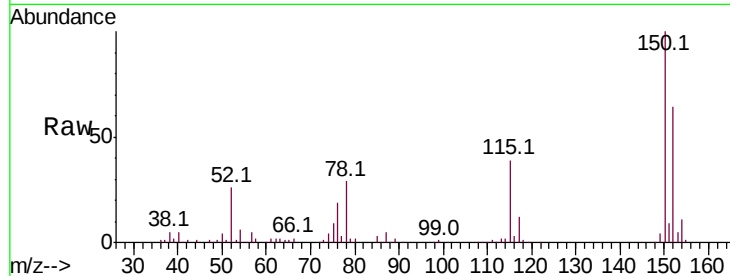
Tot Ion:152 Resp: 60799

Ion Ratio Lower Upper

152 100

115 61.5 42.7 128.1

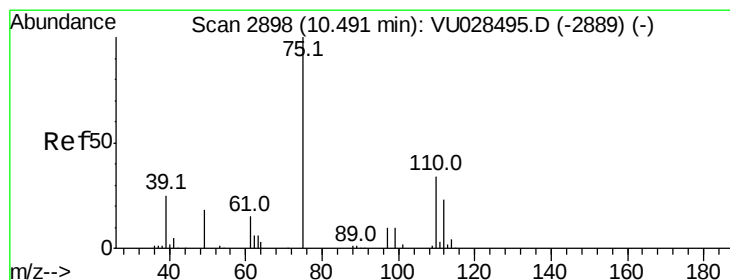
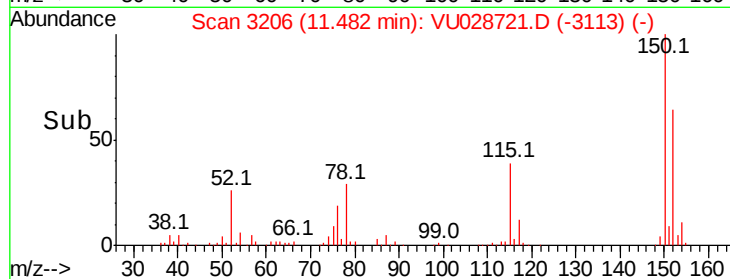
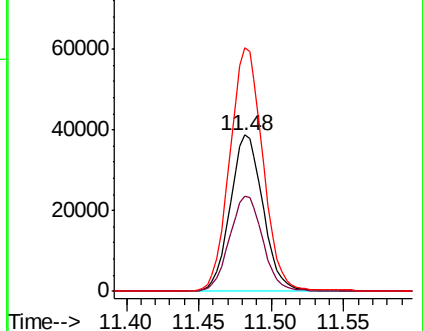
150 156.8 0.0 346.0



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: 24.301 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028721.D

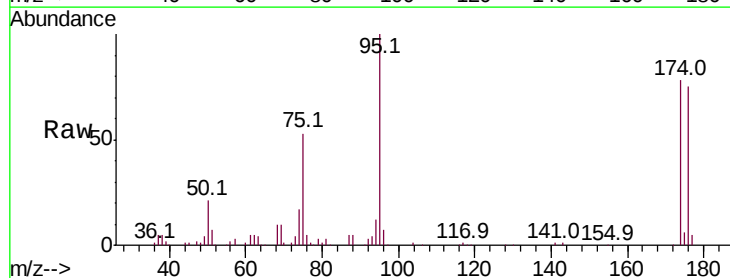
Acq: 17 Dec 2018 15:30

Tgt Ion: 75 Resp: 37727

Ion Ratio Lower Upper

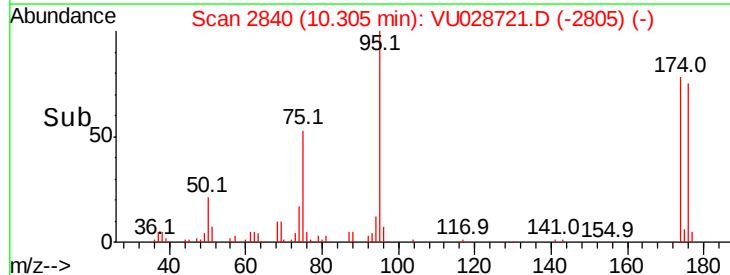
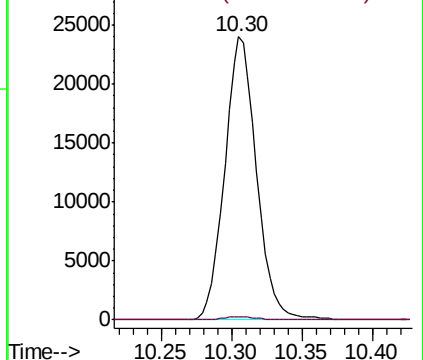
75 100

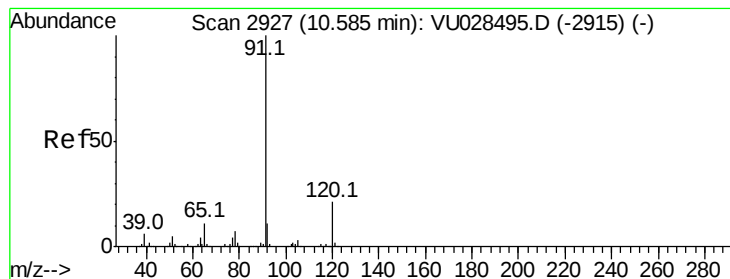
77 1.0 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 0.313 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.01 min

Lab File: VU028721.D

Acq: 17 Dec 2018 15:30

Instrument :

MSVOA_U

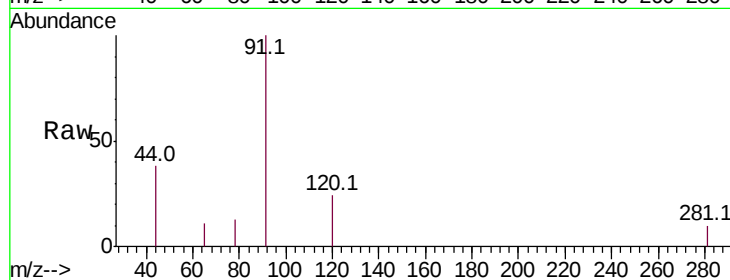
ClientSampleId :

Tot Ion: 91 Resp: 1814

Ion Ratio Lower Upper

91 100

120 18.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-2915) (-)

Ion 120.00 (119.70 to 120.70): VU028495.D (-2915) (-)

10.59

1200

1000

800

600

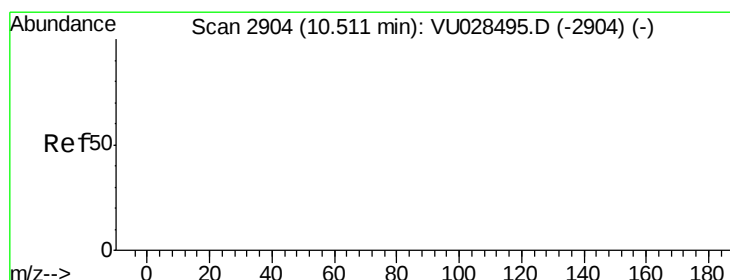
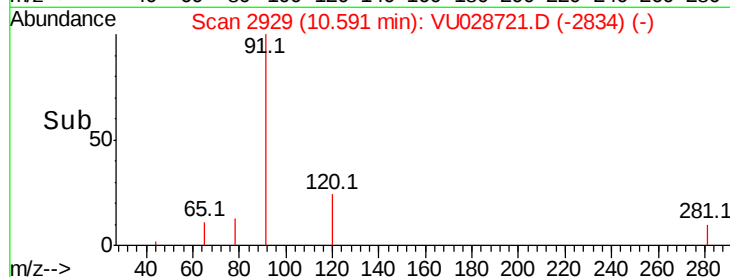
400

200

0

10.55 10.60

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 59.645 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028721.D

Acq: 17 Dec 2018 15:30

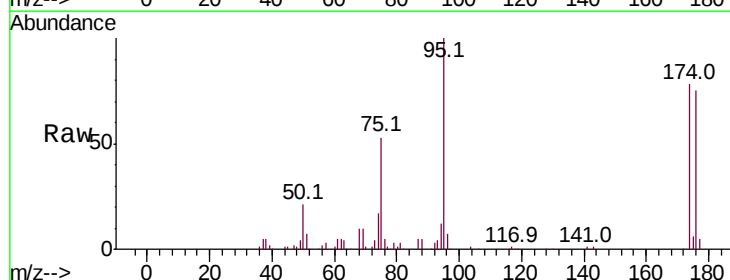
Tgt Ion: 75 Resp: 37727

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): VU028495.D (-2904) (-)

Ion 53.00 (52.70 to 53.70): VU028495.D (-2904) (-)

Ion 88.90 (88.60 to 89.60): VU028495.D (-2904) (-)

10.30

30000

25000

20000

15000

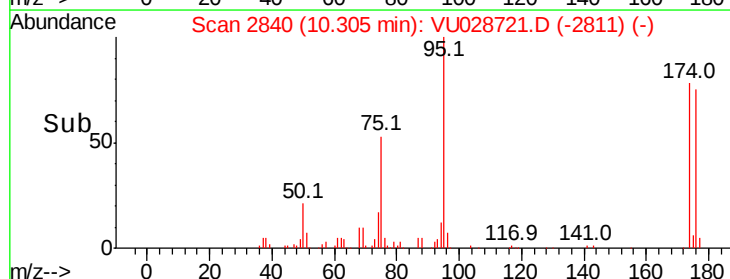
10000

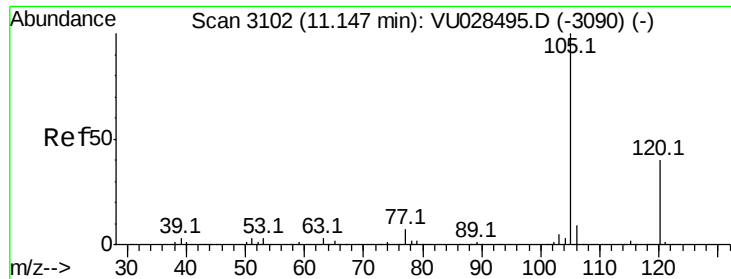
5000

0

10.25 10.30 10.35 10.40

Time-->





#84
 1,2,4-Trimethylbenzene
 Concen: 0.297 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028721.D
 Acq: 17 Dec 2018 15:30

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:105 Resp: 1181
 Ion Ratio Lower Upper
 105 100
 120 46.6 21.8 65.4

