

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121718\
 Data File : VU028713.D
 Acq On : 17 Dec 2018 12:17
 Operator : MD/SY
 Sample : J6439-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 03:06:03 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	76831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	136174	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	127949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	50686	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	62343	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	
35) Dibromofluoromethane	4.88	113	47940	55.94	ug/l	0.00
Spiked Amount			Recovery	=	111.88%	
50) Toluene-d8	7.57	98	179750	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	10.30	95	59313	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	

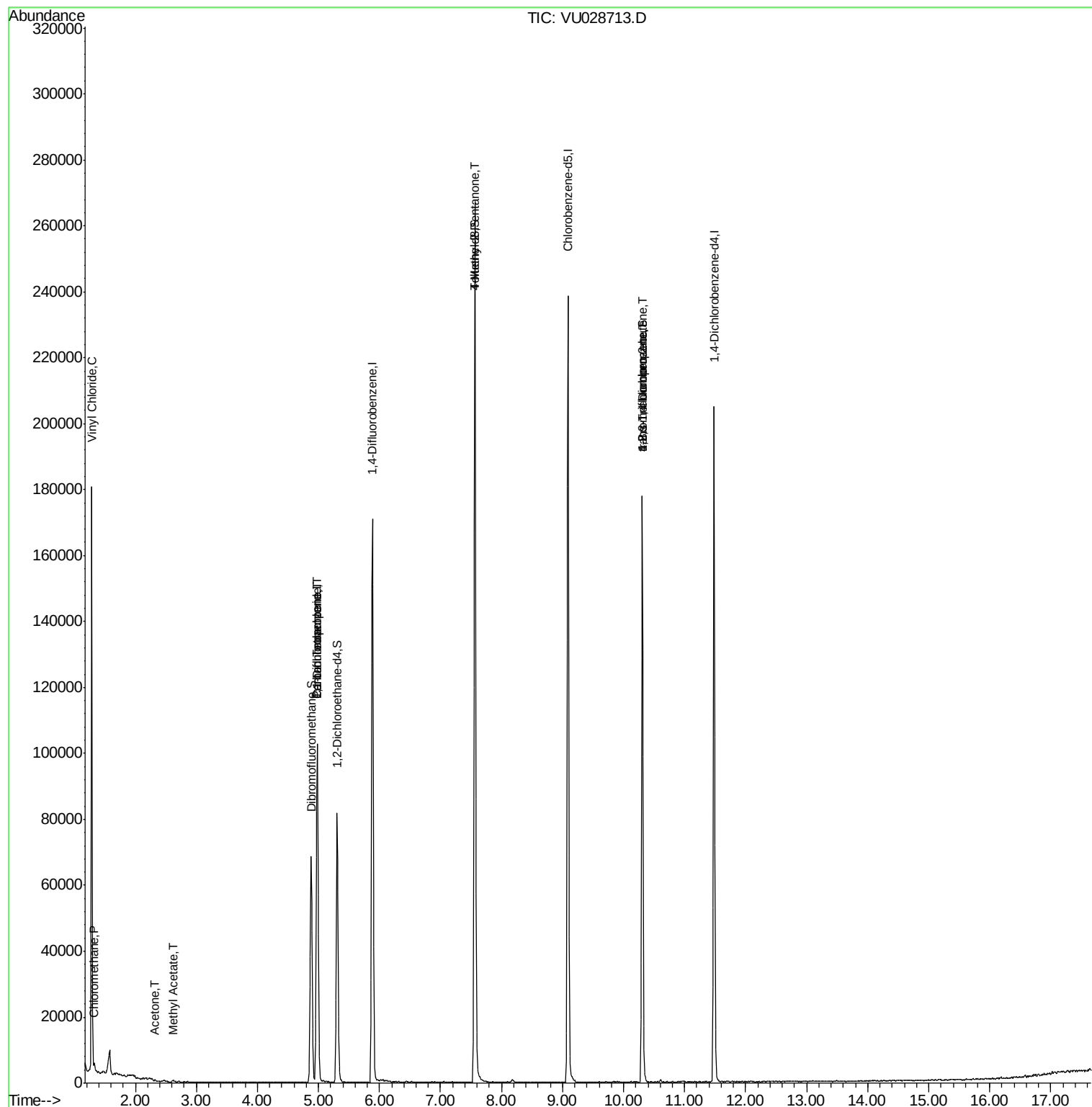
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1800	0.951	ug/l #	77
4) Vinyl Chloride	1.28	62	1392	1.019	ug/l #	43
16) Acetone	2.32	43	417	0.545	ug/l #	44
18) Methyl Acetate	2.62	43	886	0.447	ug/l #	56
31) Cyclohexane	4.98	56	1772	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	6660	4.469	ug/l #	49
38) Carbon Tetrachloride	4.98	117	7652	6.371	ug/l #	14
51) 4-Methyl-2-Pentanone	7.56	43	878	0.457	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	30801	23.798	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	30801	58.422	ug/l #	100

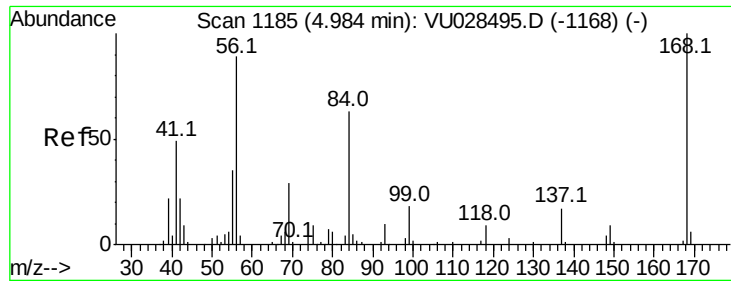
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121718\
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Quant Time: Dec 18 03:06:03 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# 1184

Delta R.T. -0.00 min

Lab File: VU028713.D

Acq: 17 Dec 2018 12:17

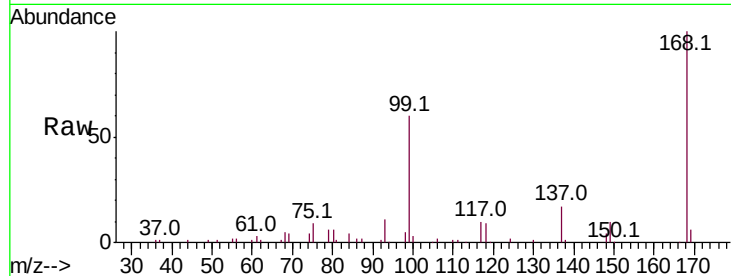
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 76831

Ion Ratio Lower Upper

168 100

99 59.7 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

30000

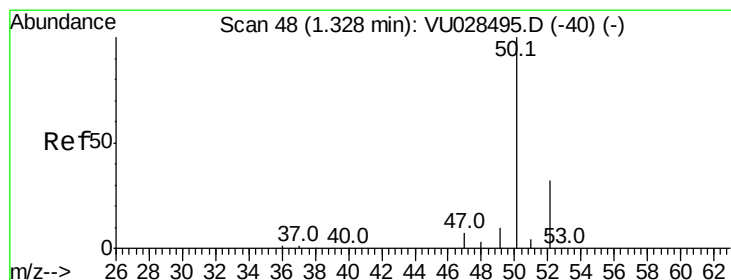
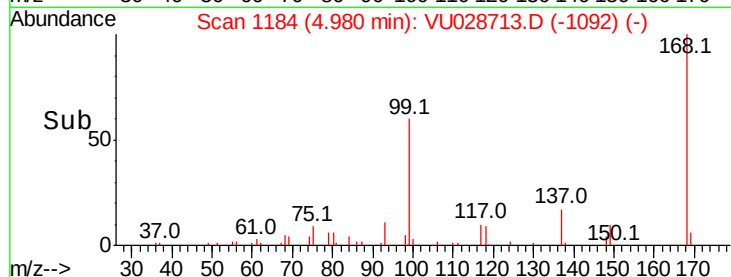
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.951 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028713.D

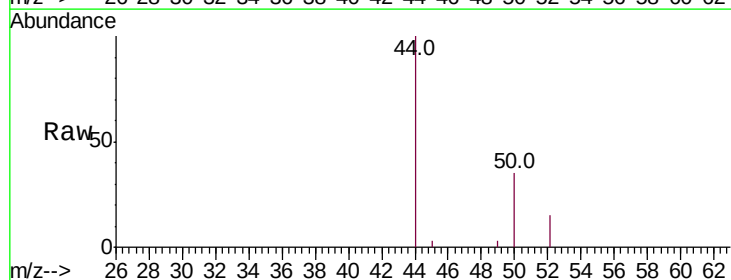
Acq: 17 Dec 2018 12:17

Tgt Ion: 50 Resp: 1800

Ion Ratio Lower Upper

50 100

52 44.5 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

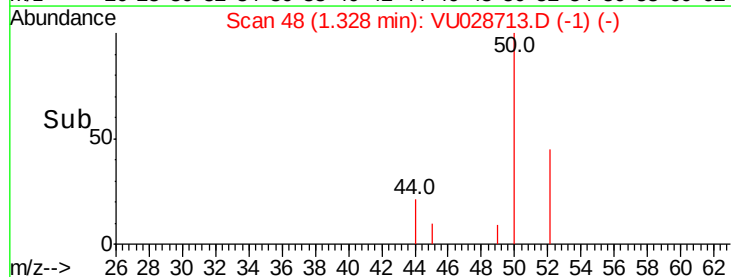
1000

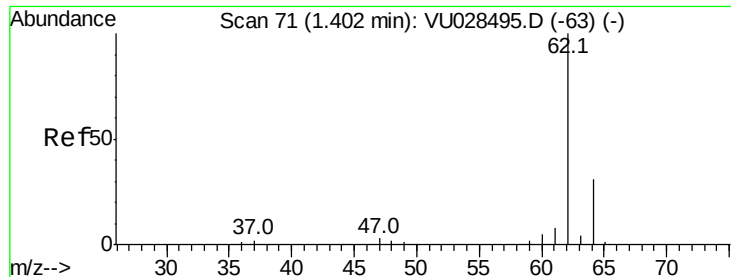
500

0

1.30 1.35

Time-->





#4

Vinyl Chloride

Concen: 1.019 ug/l

RT: 1.28 min Scan# 34

Delta R.T. -0.12 min

Lab File: VU028713.D

Acq: 17 Dec 2018 12:17

Instrument :

MSVOA_U

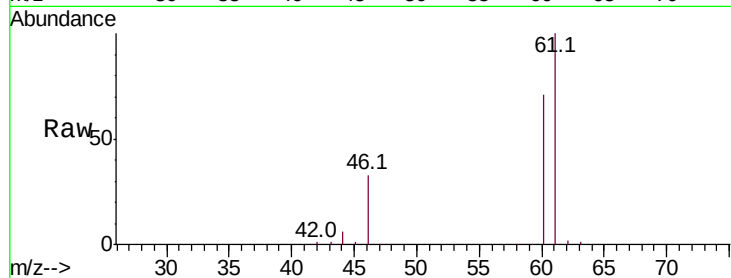
ClientSampleId :

Tot Ion: 62 Resp: 1392

Ion Ratio Lower Upper

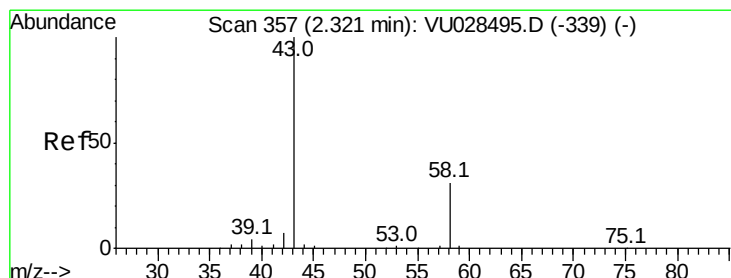
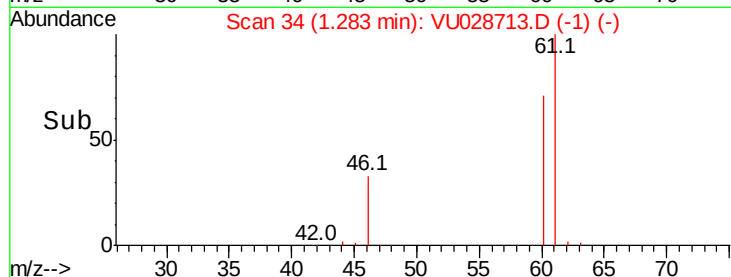
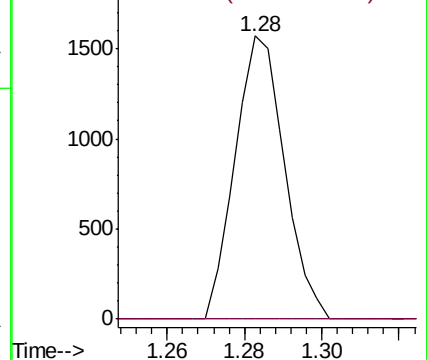
62 100

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: 0.545 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU028713.D

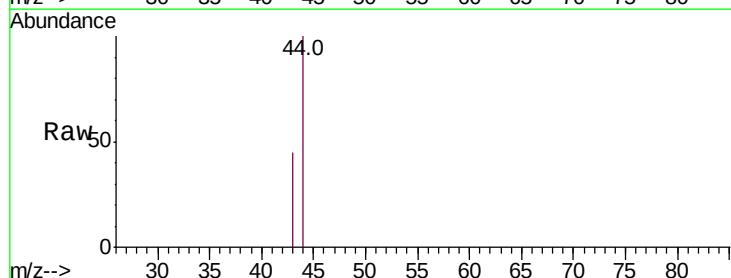
Acq: 17 Dec 2018 12:17

Tgt Ion: 43 Resp: 417

Ion Ratio Lower Upper

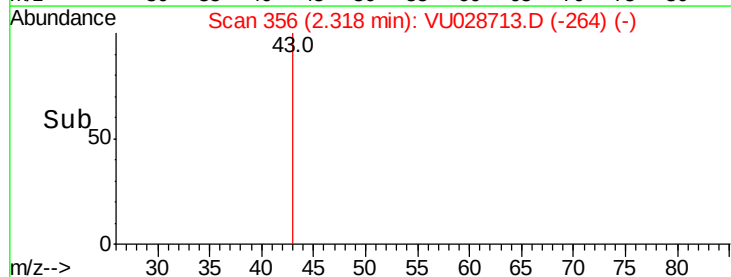
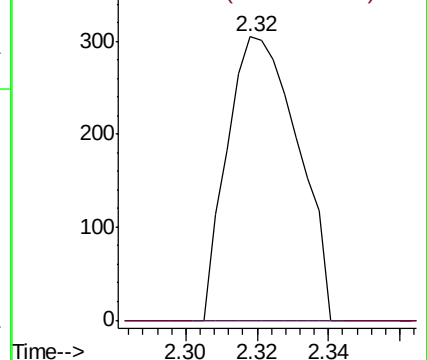
43 100

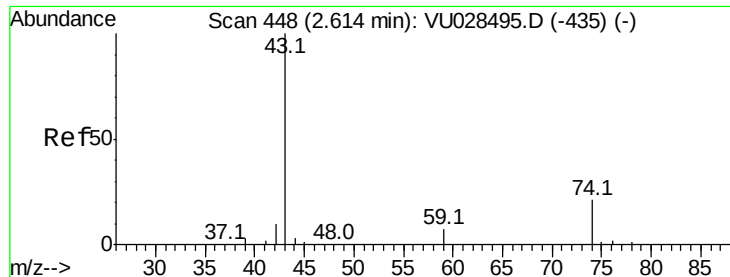
58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

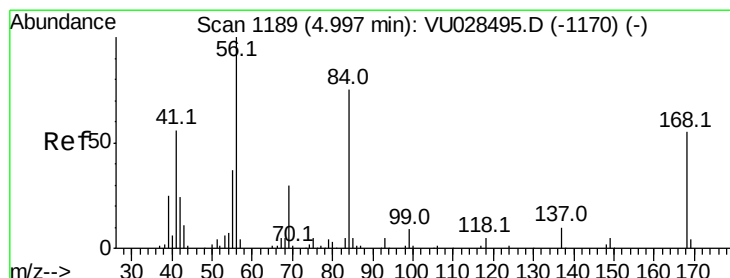
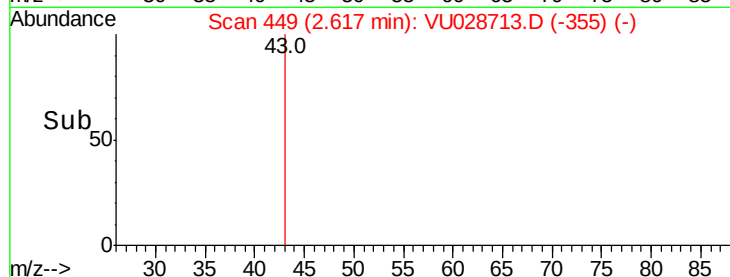
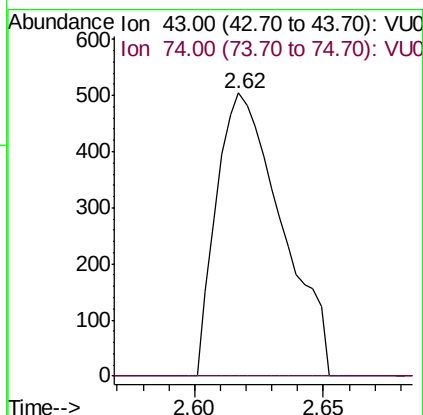
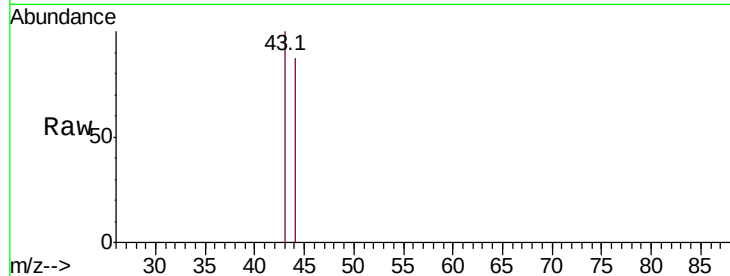




#18
Methvl Acetate
Concen: 0.447 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU028713.D
Acq: 17 Dec 2018 12:17

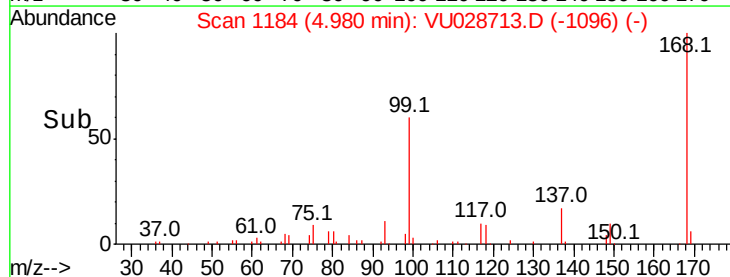
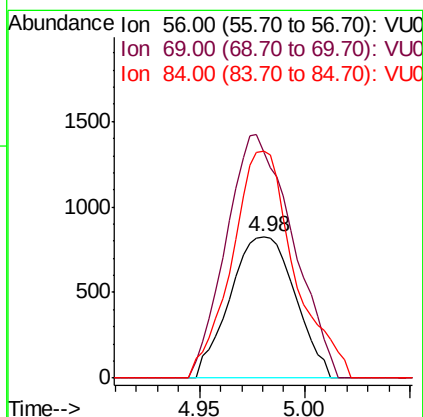
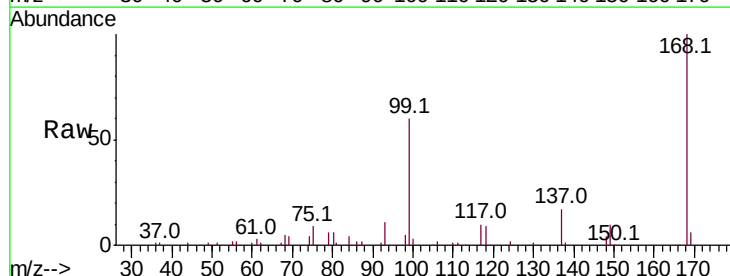
Instrument :
MSVOA_U
ClientSampleId :

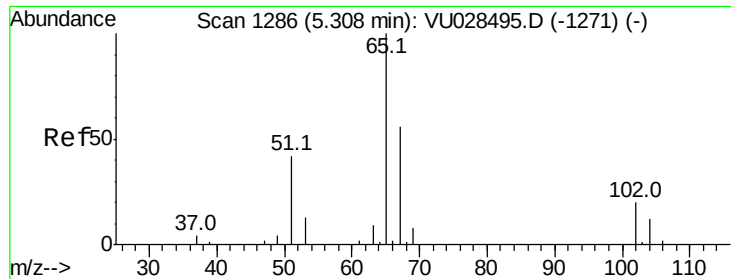
Tot Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
74 0.0 16.4 24.6#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028713.D
Acq: 17 Dec 2018 12:17

Tgt Ion: 56 Resp: 1772
Ion Ratio Lower Upper
56 100
69 159.4 24.0 36.0#
84 160.8 59.7 89.5#

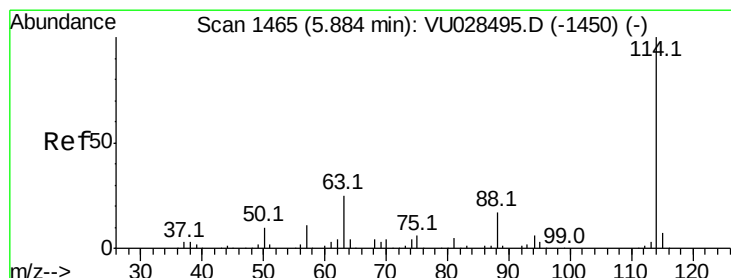
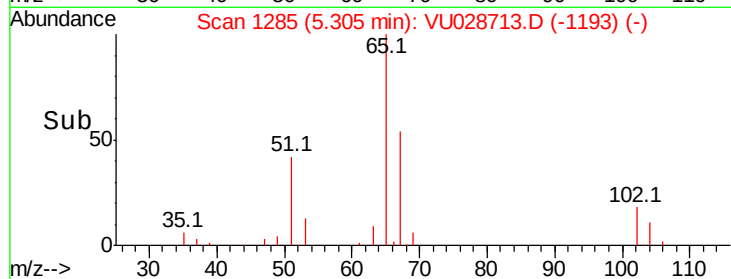
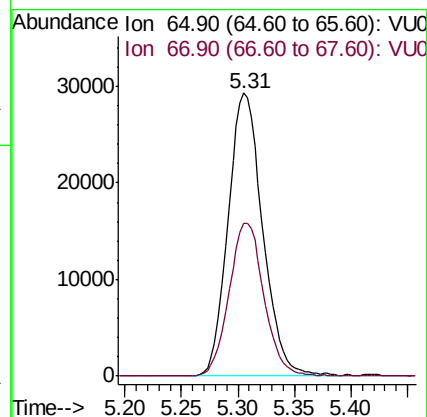
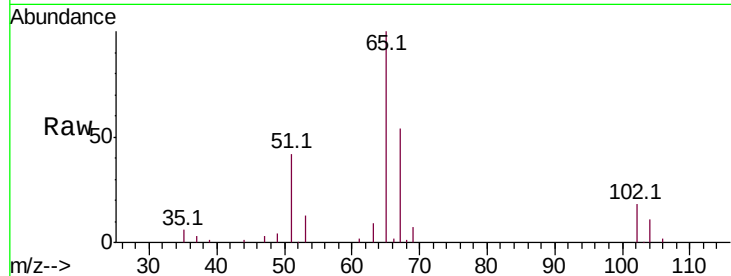




#33
 1,2-Dichloroethane-d4
 Concen: 53.171 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VU028713.D
 Acq: 17 Dec 2018 12:17

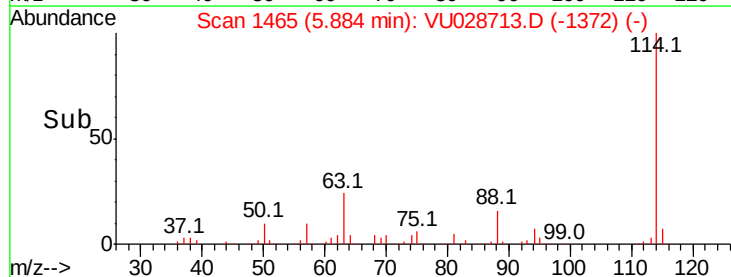
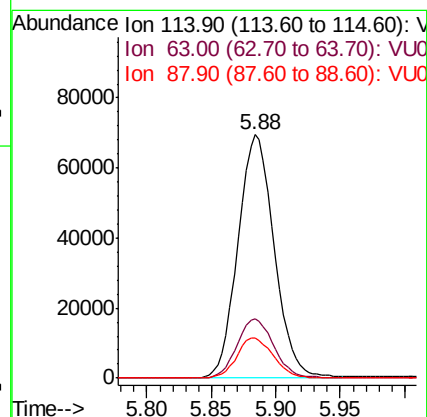
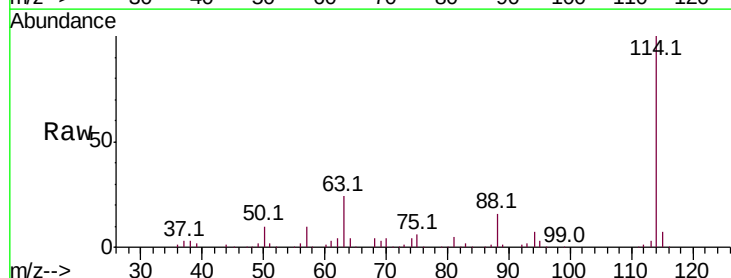
Instrument :
 MSVOA_U
 ClientSampleId :

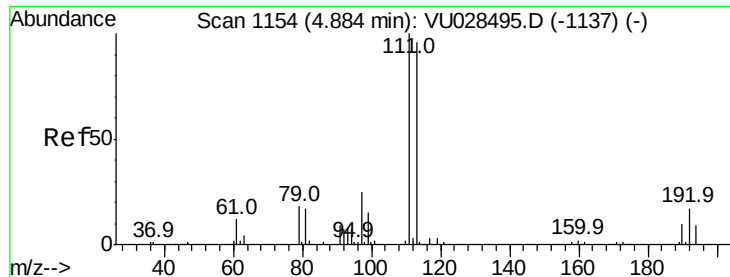
Tot Ion: 65 Resp: 62343
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028713.D
 Acq: 17 Dec 2018 12:17

Tgt Ion:114 Resp: 136174
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 16.3 0.0 33.4

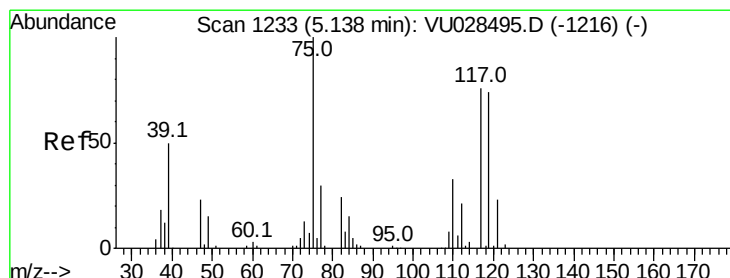
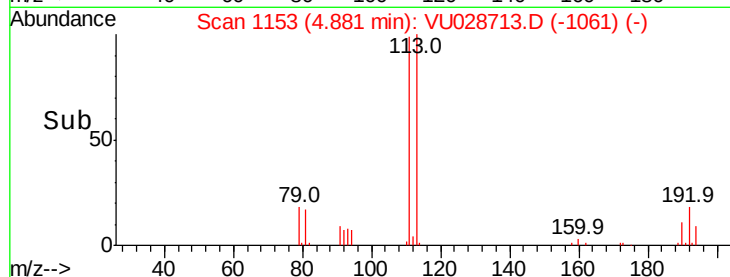
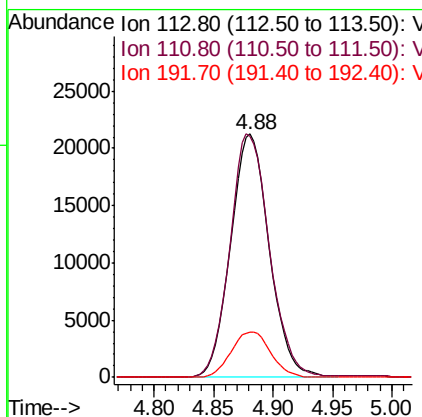
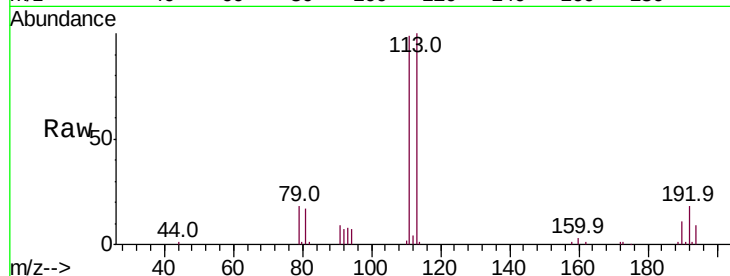




#35
 Dibromofluoromethane
 Concen: 55.942 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028713.D
 Acq: 17 Dec 2018 12:17

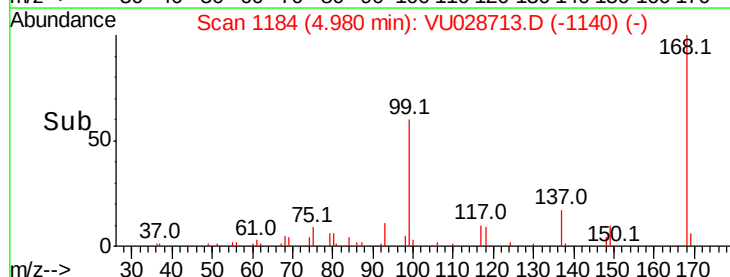
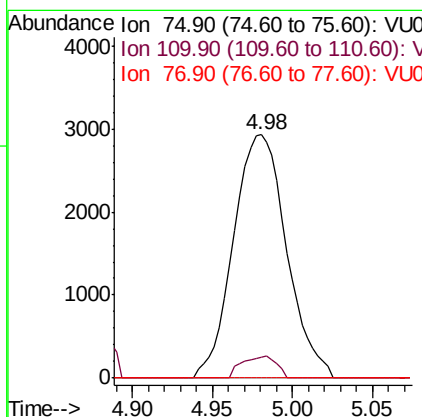
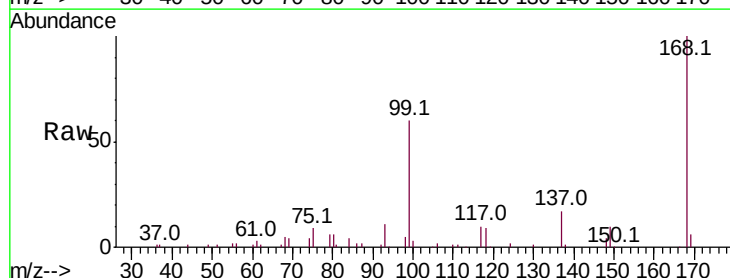
Instrument :
 MSVOA_U
 ClientSampleId :

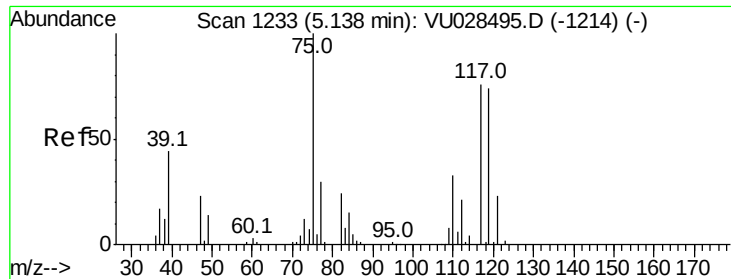
Tot Ion:113 Resp: 47940
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.4 125.0
 192 19.0 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.469 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028713.D
 Acq: 17 Dec 2018 12:17

Tgt Ion: 75 Resp: 6660
 Ion Ratio Lower Upper
 75 100
 110 5.8 16.1 48.2#
 77 0.0 24.5 36.7#

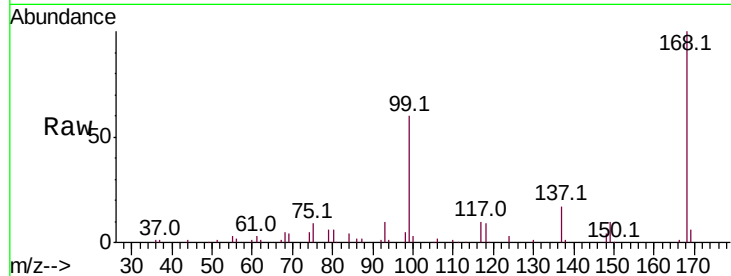




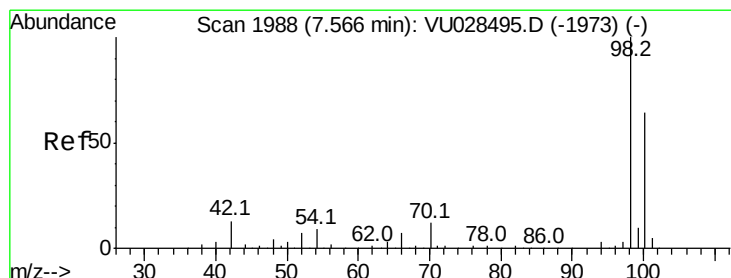
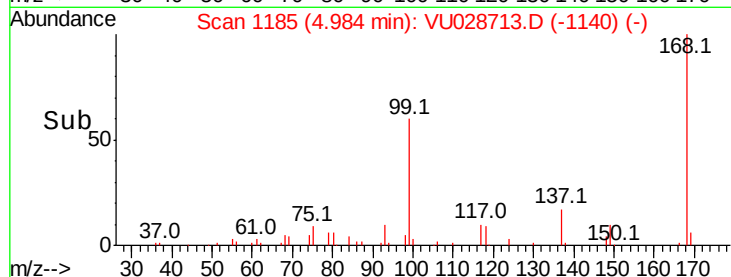
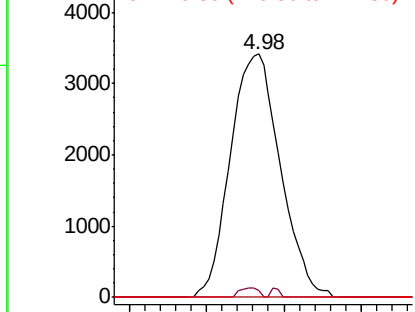
#38
Carbon Tetrachloride
Concen: 6.371 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028713.D
Acq: 17 Dec 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 7652
Ion Ratio Lower Upper
117 100
119 2.9 77.6 116.4#
121 0.0 24.6 36.8#

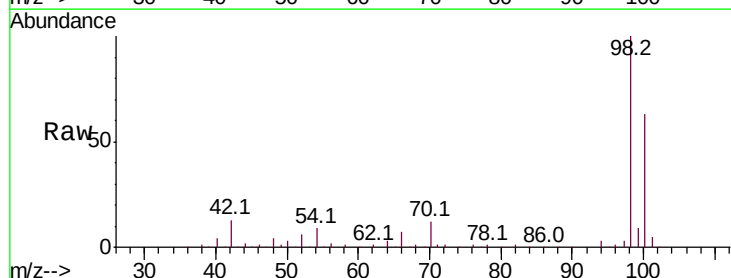


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

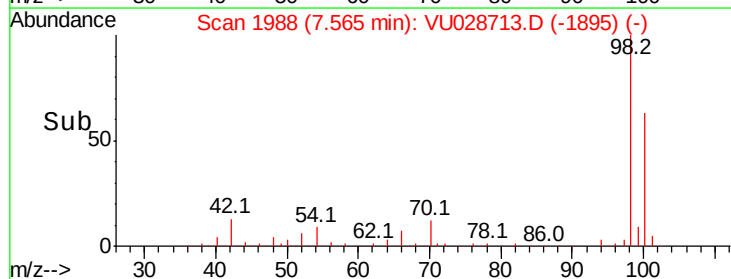
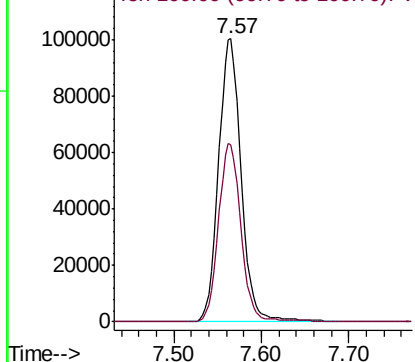


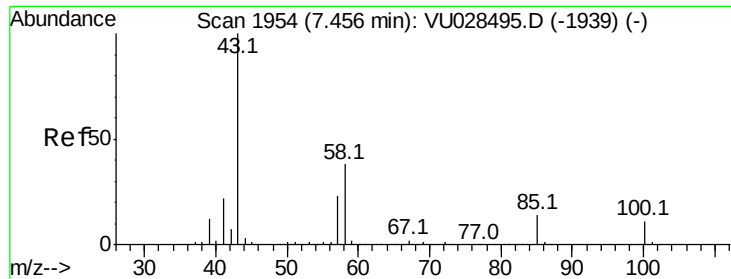
#50
Toluene-d8
Concen: 53.024 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028713.D
Acq: 17 Dec 2018 12:17

Tgt Ion: 98 Resp: 179750
Ion Ratio Lower Upper
98 100
100 62.4 51.0 76.6



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





#51

4-Methyl-2-Pentanone

Concen: 0.457 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.11 min

Lab File: VU028713.D

Acq: 17 Dec 2018 12:17

Instrument :

MSVOA_U

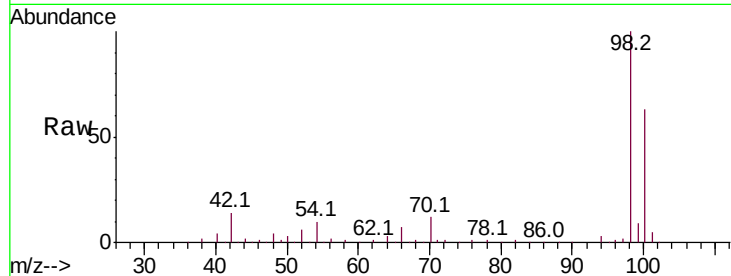
ClientSampled :

Tot Ion: 43 Resp: 878

Ion Ratio Lower Upper

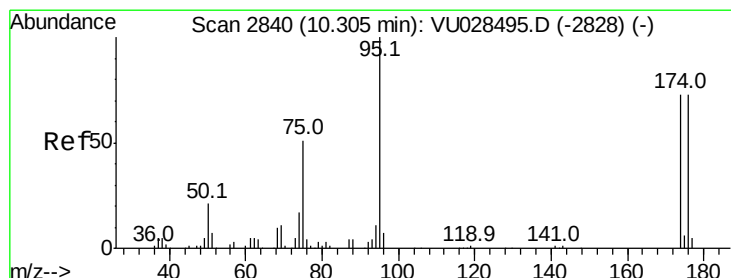
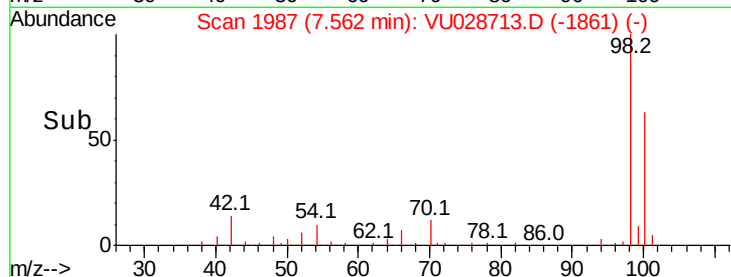
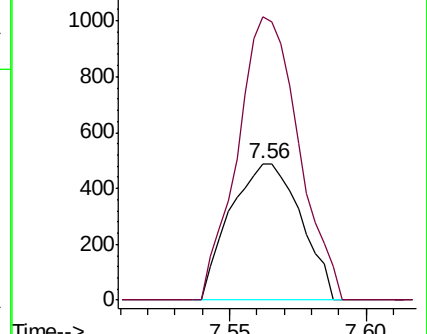
43 100

58 180.1 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 46.812 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028713.D

Acq: 17 Dec 2018 12:17

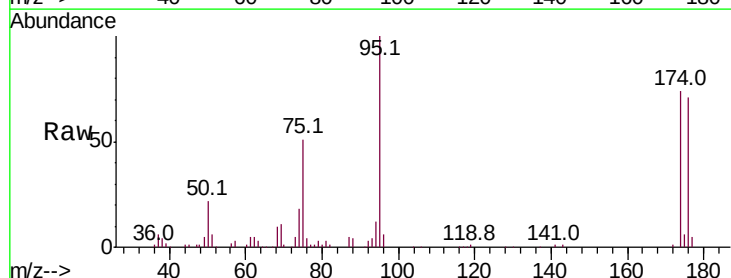
Tgt Ion: 95 Resp: 59313

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.4

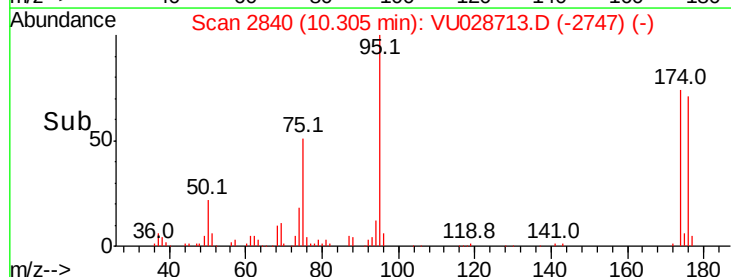
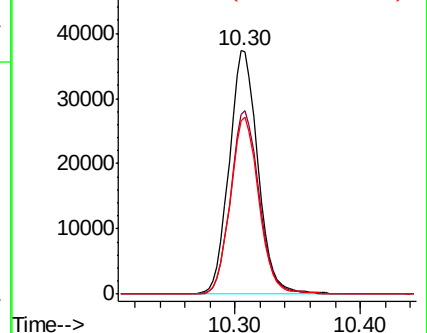
176 72.2 0.0 145.2

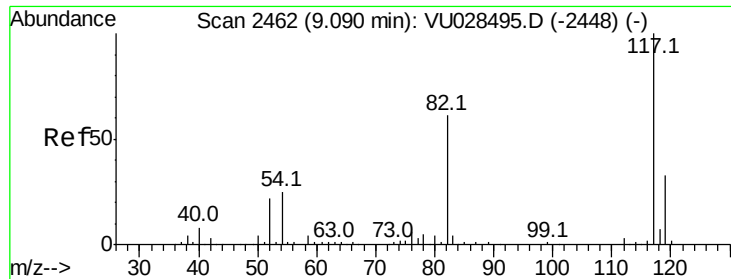


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

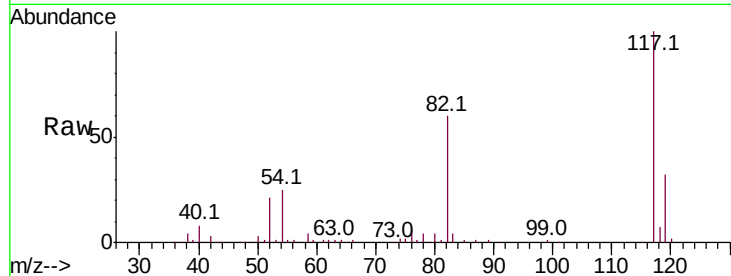




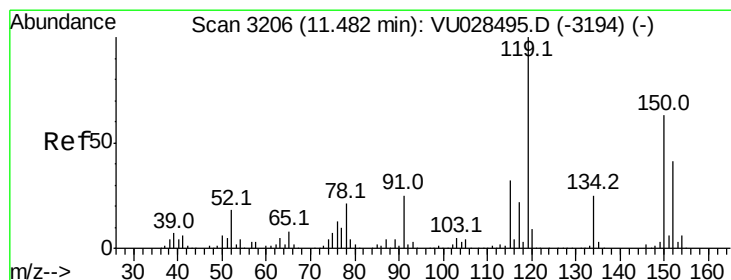
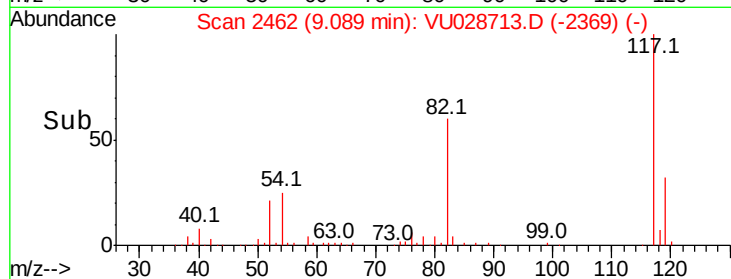
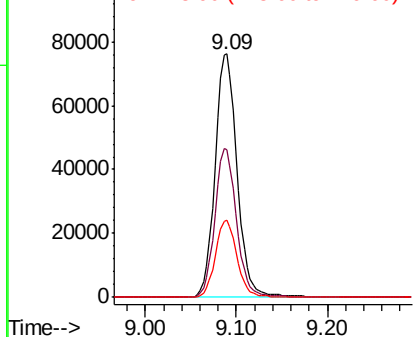
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU028713.D
 Acq: 17 Dec 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:117 Resp: 127949
 Ion Ratio Lower Upper
 117 100
 82 60.4 48.9 73.3
 119 31.6 26.2 39.4

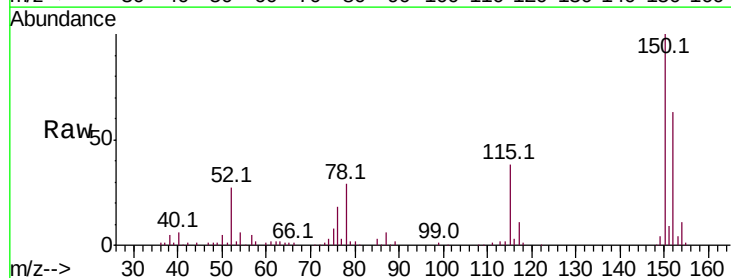


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VU0
 Ion 118.90 (118.60 to 119.60): V

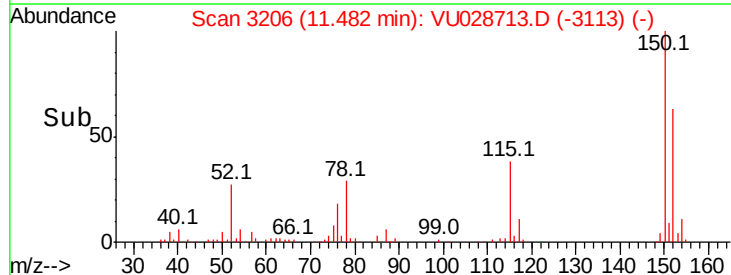
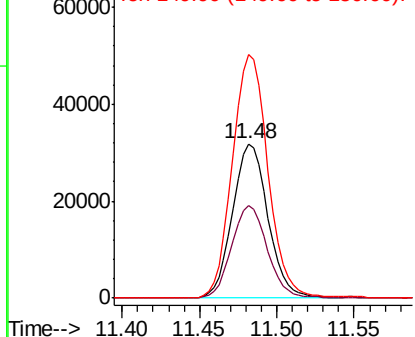


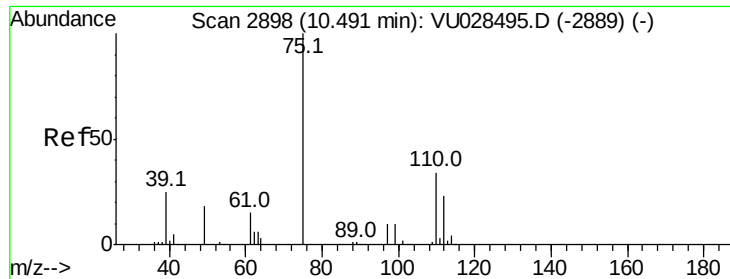
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028713.D
 Acq: 17 Dec 2018 12:17

Tgt Ion:152 Resp: 50686
 Ion Ratio Lower Upper
 152 100
 115 60.1 42.7 128.1
 150 159.4 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: 23.798 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028713.D

Acq: 17 Dec 2018 12:17

Instrument :

MSVOA_U

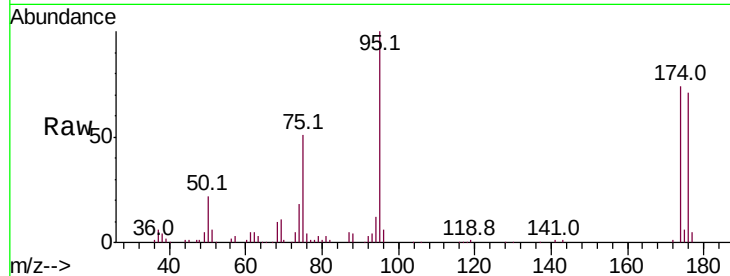
ClientSampleId :

Tot Ion: 75 Resp: 30801

Ion Ratio Lower Upper

75 100

77 1.3 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

20000

15000

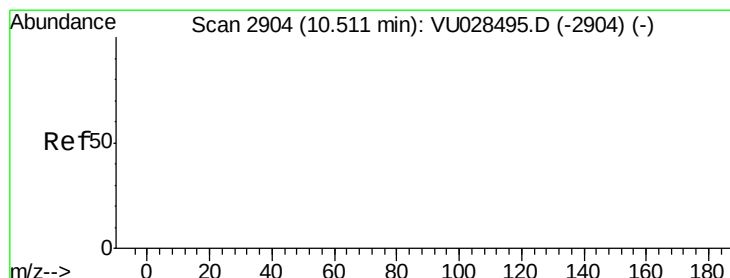
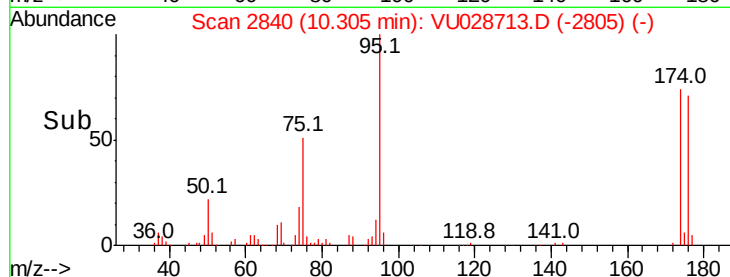
10000

5000

0

10.25 10.30 10.35 10.40

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 58.422 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028713.D

Acq: 17 Dec 2018 12:17

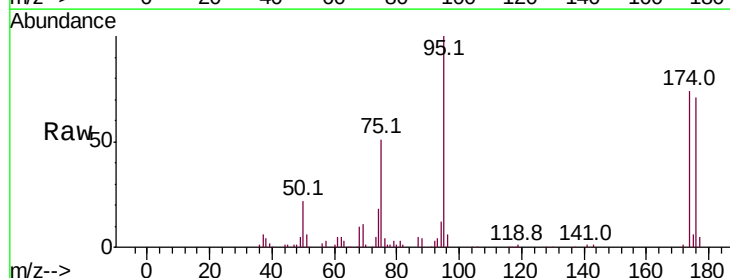
Tgt Ion: 75 Resp: 30801

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

25000

20000

15000

10000

5000

0

10.25 10.30 10.35 10.40

Time-->

