

Data File : VU035722.D
Acq On : 15 Nov 2019 13:25
Operator : JC/SP
Sample : K5856-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQG1

Quant Time: Nov 16 01:40:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	227458	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	257801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	92854	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	91910	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.93	69	87284	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.60	63	120035	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.70	46	253100	48.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	5.11	84	181508	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.75	65	96308	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.77	84	349325	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.74	67	119999	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.93	98	283965	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	8.22	79	41705	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.70	63	178194	43.39	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.78%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	100319	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	90865	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

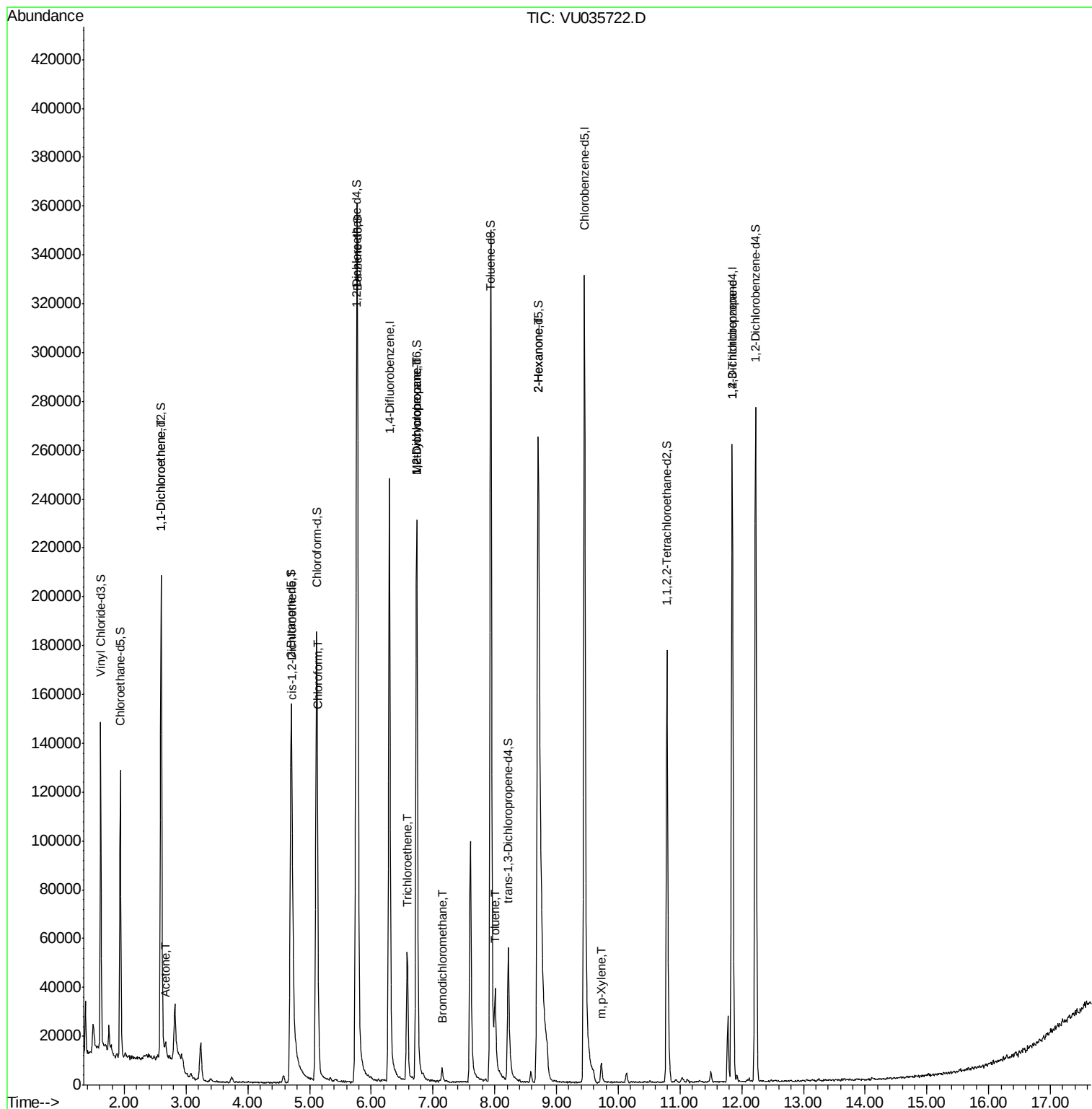
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1797	0.090 ug/L #	1
13) Acetone	2.67	43	4424	1.187 ug/L	91
22) cis-1,2-Dichloroethene	4.72	96	9975	0.439 ug/L	88
25) Chloroform	5.14	83	7942	0.191 ug/L	96
34) Trichloroethene	6.58	95	18754	0.808 ug/L	95
35) Methylcyclohexane	6.73	83	27900	0.789 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	12477	0.522 ug/L #	89
38) Bromodichloromethane	7.15	83	4191	0.145 ug/L	98
42) Toluene	8.01	91	22753	0.238 ug/L	97
48) 2-Hexanone	8.71	43	13496	1.381 ug/L #	57
53) m,p-Xylene	9.73	106	3210	0.084 ug/L	81
59) 1,2,3-Trichloropropane	11.84	75	9661	0.611 ug/L	90

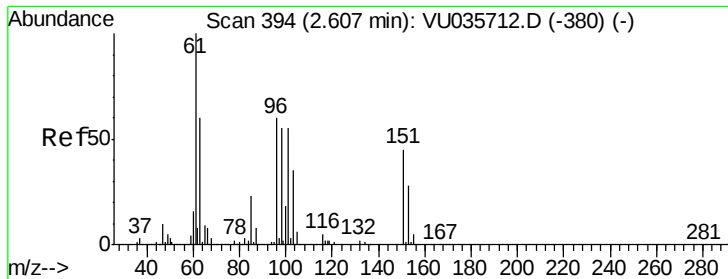
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035722.D
Acq On : 15 Nov 2019 13:25
Operator : JC/SP
Sample : K5856-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQG1

Quant Time: Nov 16 01:40:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU035722.D

Acq: 15 Nov 2019 13:25

Instrument :

MSVOA_U

ClientSampleId :

GAQG1

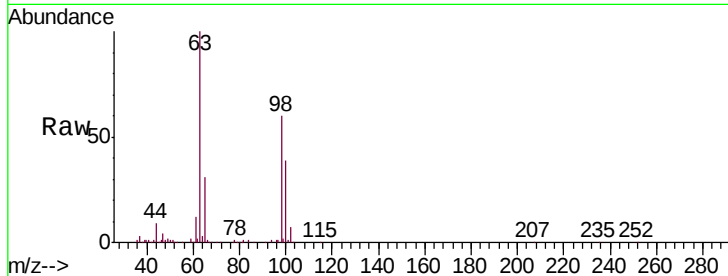
Tgt Ion: 96 Resp: 1797

Ion Ratio Lower Upper

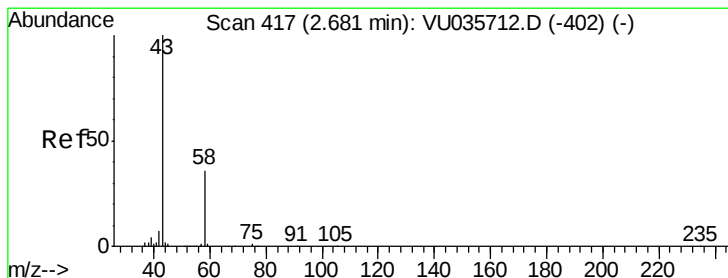
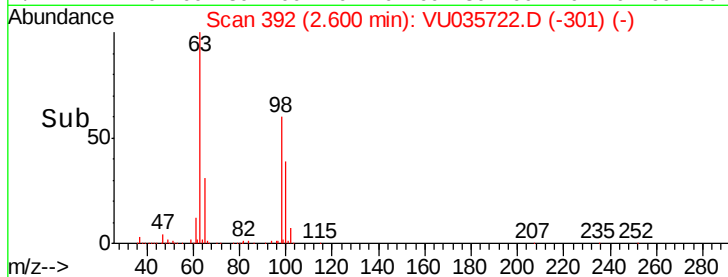
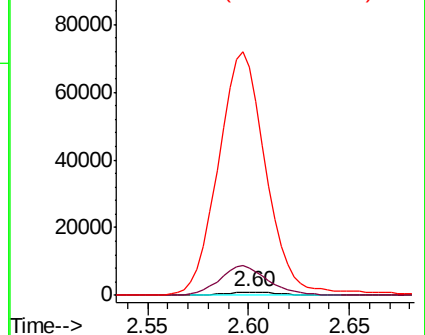
96 100

61 912.5 123.1 228.5#

63 7476.4 87.8 163.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 1.187 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035722.D

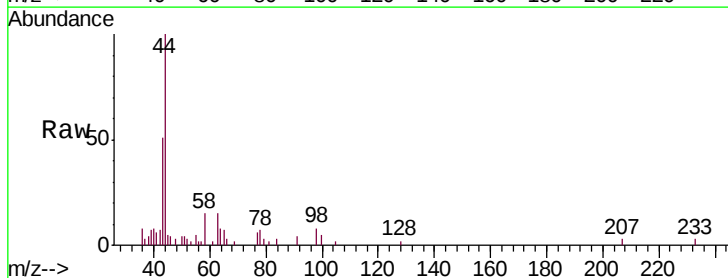
Acq: 15 Nov 2019 13:25

Tgt Ion: 43 Resp: 4424

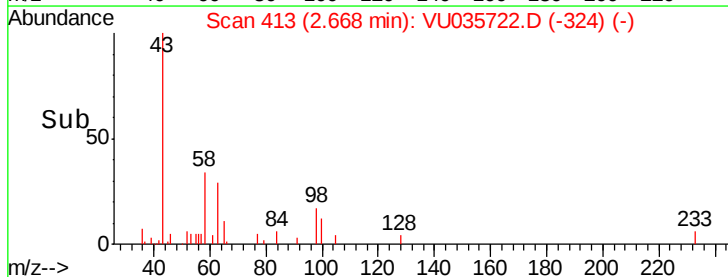
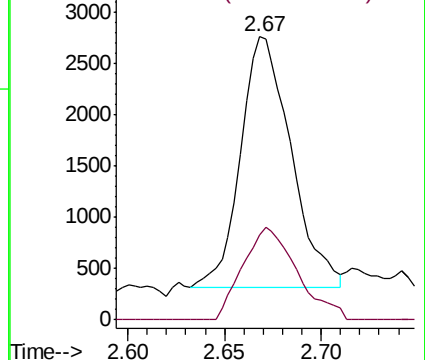
Ion Ratio Lower Upper

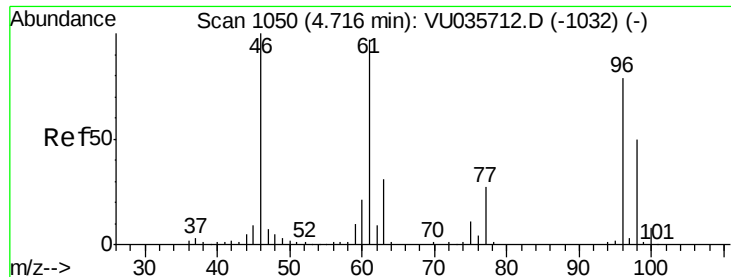
43 100

58 39.8 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.439 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035722.D

Acq: 15 Nov 2019 13:25

Instrument :

MSVOA_U

ClientSampleId :

GAQG1

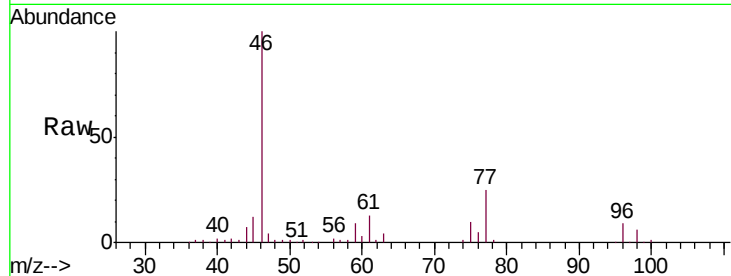
Tgt Ion: 96 Resp: 9975

Ion Ratio Lower Upper

96 100

61 138.3 87.0 161.6

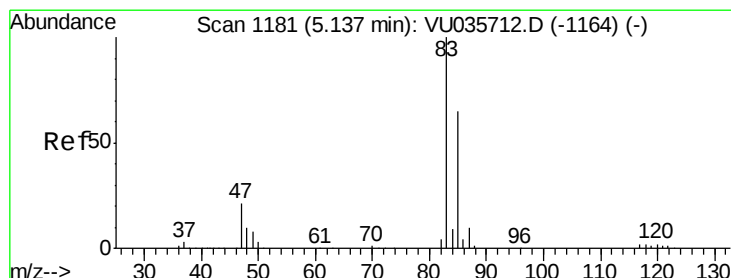
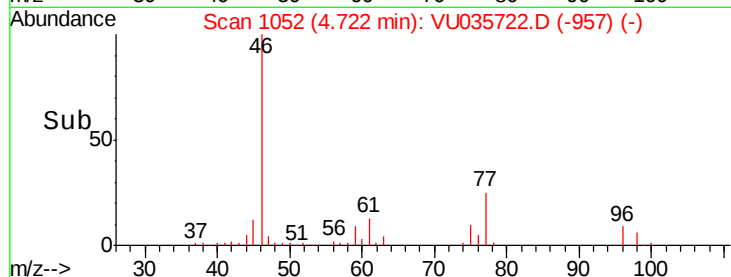
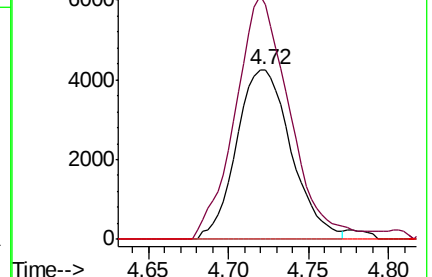
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035722.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035722.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035722.D (-957) (-)



#25

Chloroform

Concen: 0.191 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU035722.D

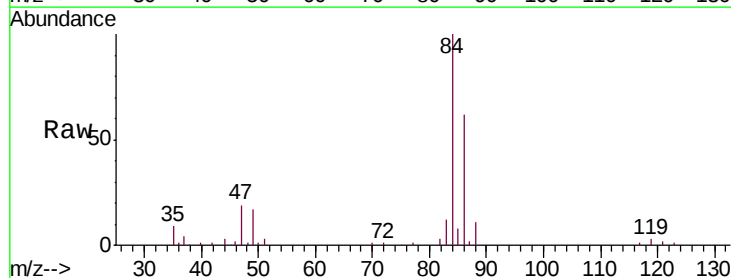
Acq: 15 Nov 2019 13:25

Tgt Ion: 83 Resp: 7942

Ion Ratio Lower Upper

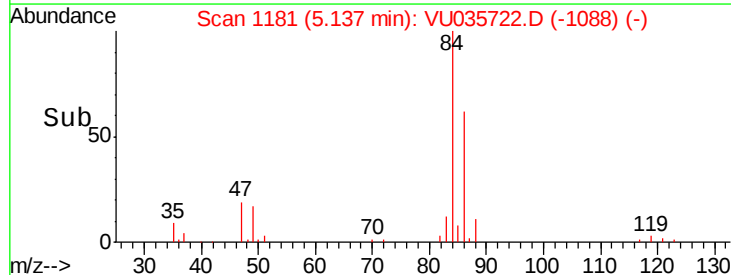
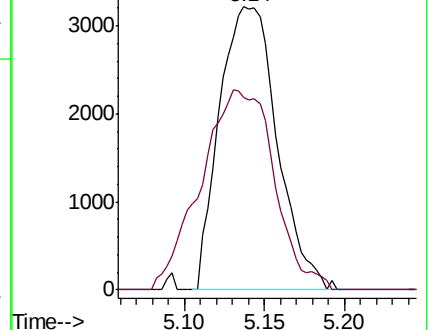
83 100

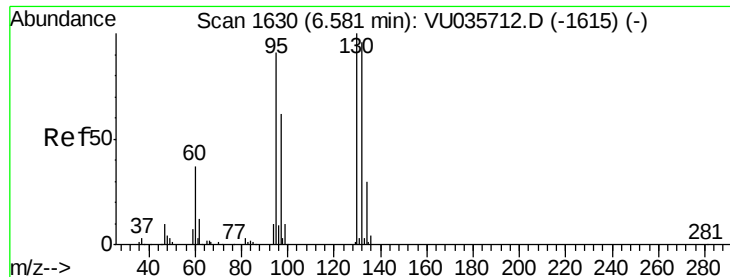
85 68.0 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU035722.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU035722.D (-1088) (-)





#34

Trichloroethene

Concen: 0.808 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035722.D

Acq: 15 Nov 2019 13:25

Instrument :

MSVOA_U

ClientSampleId :

GAQG1

Tgt Ion: 95 Resp: 18754

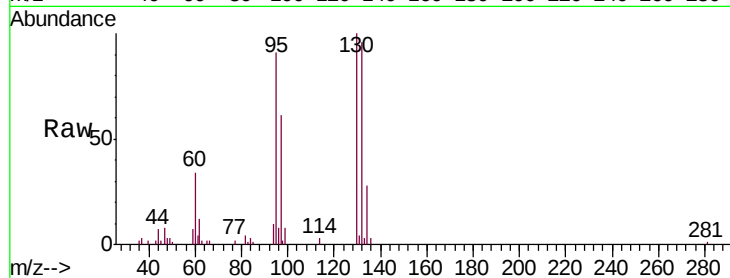
Ion Ratio Lower Upper

95 100

97 67.9 44.5 82.7

132 105.8 69.9 129.7

130 110.4 74.1 137.7

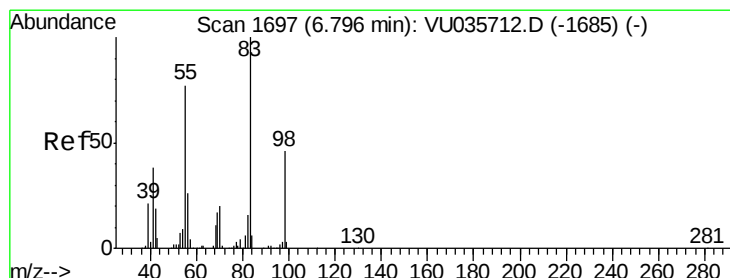
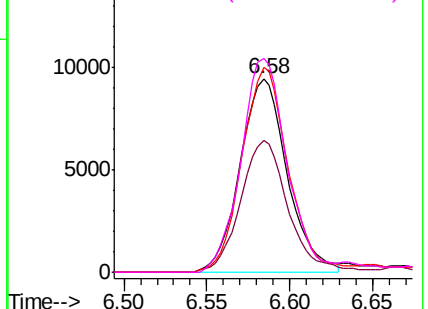
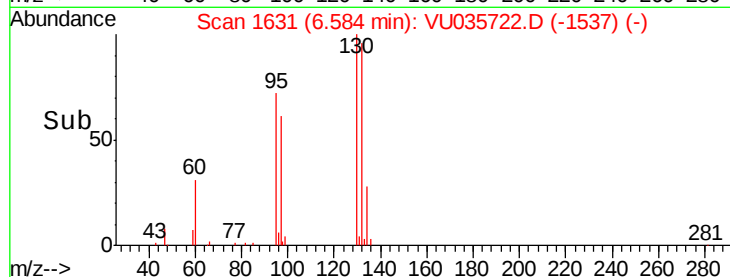


Abundance Ion 95.00 (94.70 to 95.70): VU035722.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035722.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035722.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035722.D (-1537) (-)



#35

Methylcyclohexane

Concen: 0.789 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.06 min

Lab File: VU035722.D

Acq: 15 Nov 2019 13:25

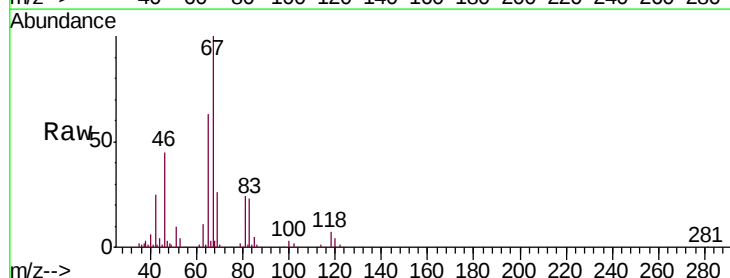
Tgt Ion: 83 Resp: 27900

Ion Ratio Lower Upper

83 100

55 0.2 62.6 93.8#

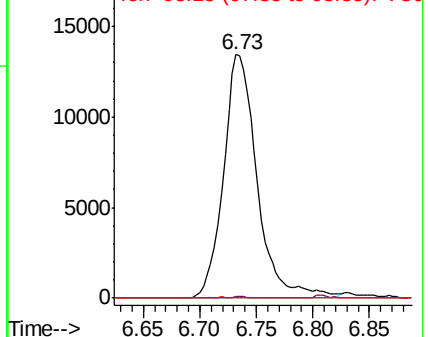
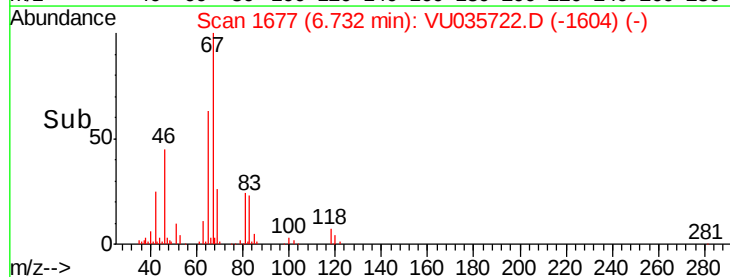
98 0.1 37.2 55.8#

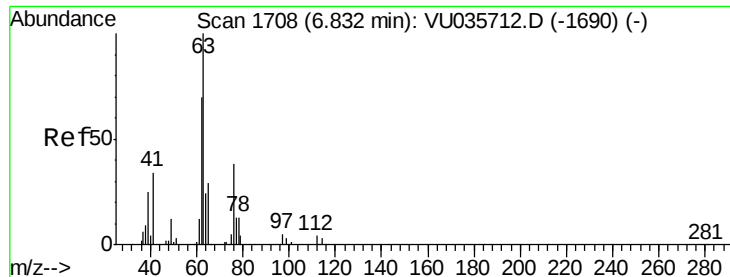


Abundance Ion 83.15 (82.85 to 83.85): VU035722.D (-1604) (-)

Ion 55.10 (54.80 to 55.80): VU035722.D (-1604) (-)

Ion 98.15 (97.85 to 98.85): VU035722.D (-1604) (-)

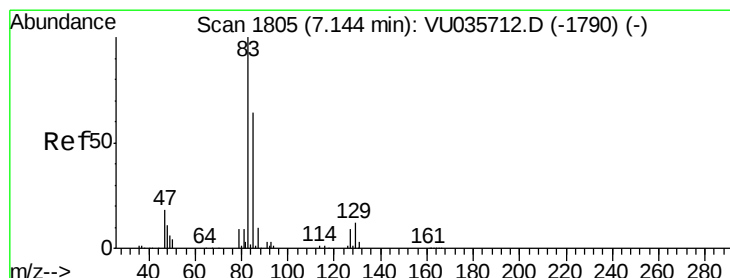
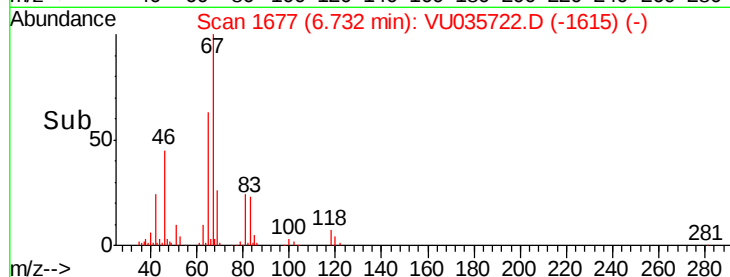
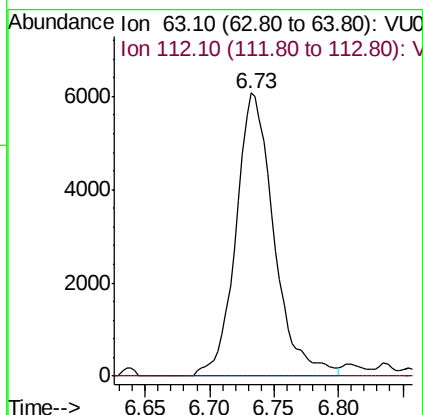
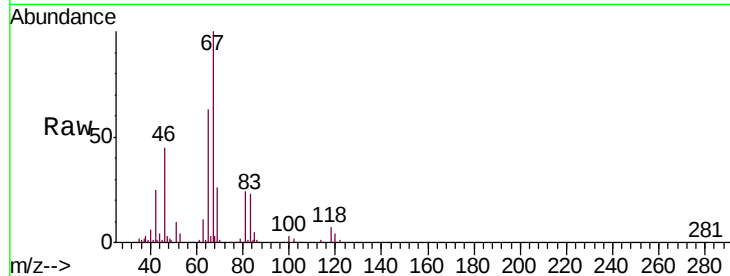




#37
 1,2-Dichloropropane
 Concen: 0.522 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035722.D
 Acq: 15 Nov 2019 13:25

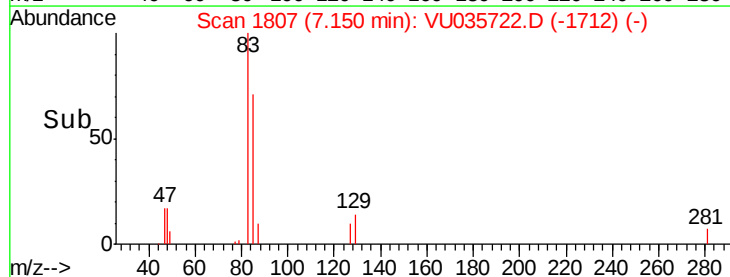
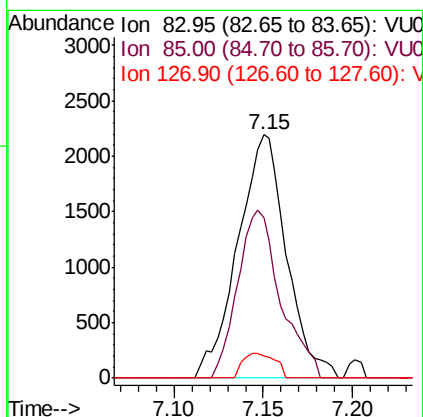
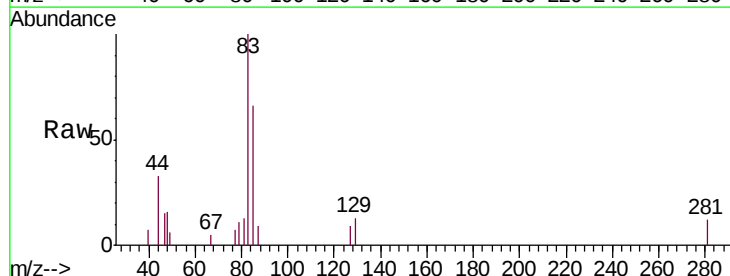
Instrument :
 MSVOA_U
 ClientSampleId :
 GAQG1

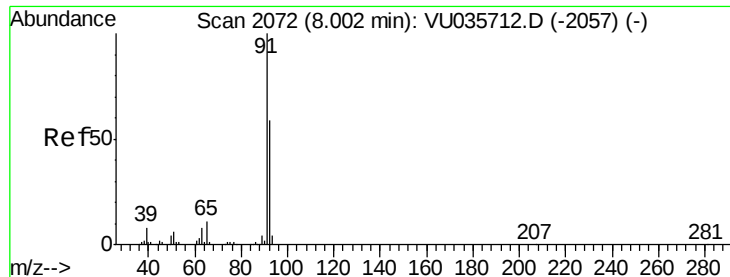
Tgt Ion: 63 Resp: 12477
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.4 5.2#



#38
 Bromodichloromethane
 Concen: 0.145 ug/L
 RT: 7.15 min Scan# 1807
 Delta R.T. 0.01 min
 Lab File: VU035722.D
 Acq: 15 Nov 2019 13:25

Tgt Ion: 83 Resp: 4191
 Ion Ratio Lower Upper
 83 100
 85 65.8 44.7 82.9
 127 9.3 7.1 10.7





#42

Toluene

Concen: 0.238 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU035722.D

Acq: 15 Nov 2019 13:25

Instrument :

MSVOA_U

ClientSampled :

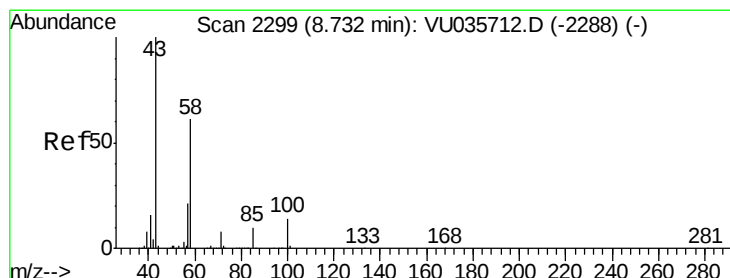
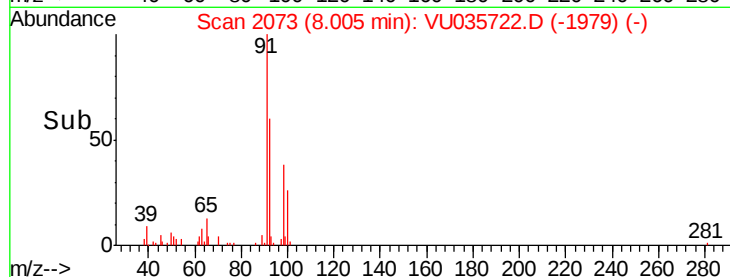
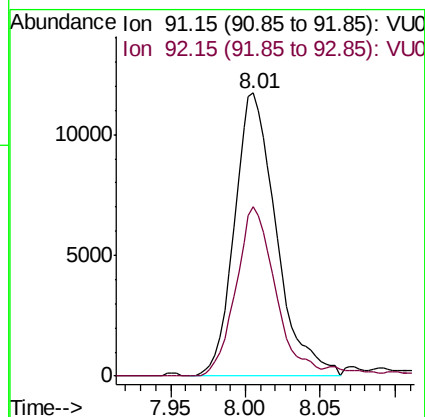
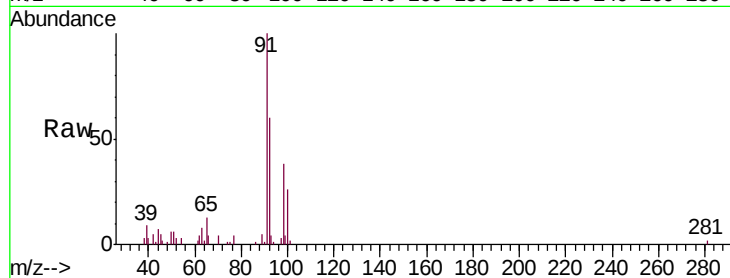
GAQG1

Tgt Ion: 91 Resp: 22753

Ion Ratio Lower Upper

91 100

92 59.9 40.5 75.3



#48

2-Hexanone

Concen: 1.381 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.03 min

Lab File: VU035722.D

Acq: 15 Nov 2019 13:25

Tgt Ion: 43 Resp: 13496

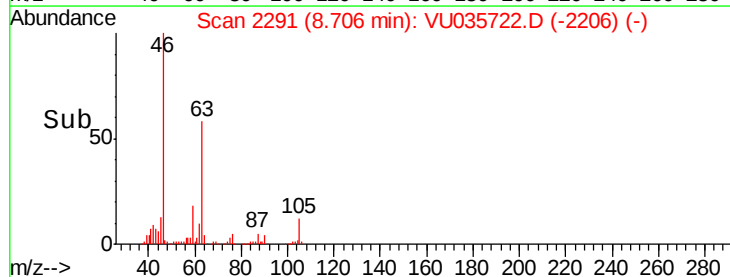
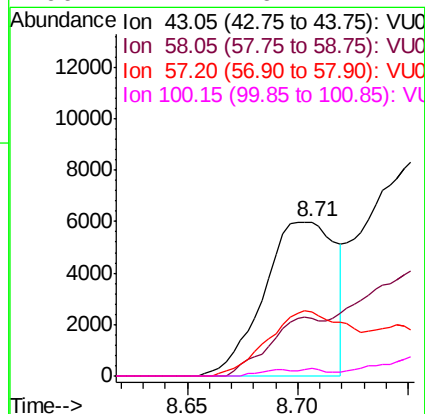
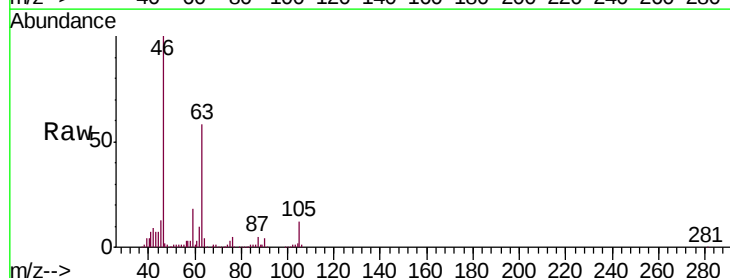
Ion Ratio Lower Upper

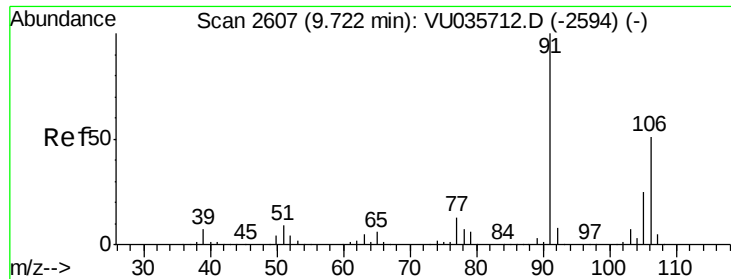
43 100

58 26.2 44.1 66.1#

57 47.2 15.1 22.7#

100 1.2 9.4 14.2#





#53

m,p-Xylene

Concen: 0.084 ug/L

RT: 9.73 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VU035722.D

Acq: 15 Nov 2019 13:25

Instrument :

MSVOA_U

ClientSampleId :

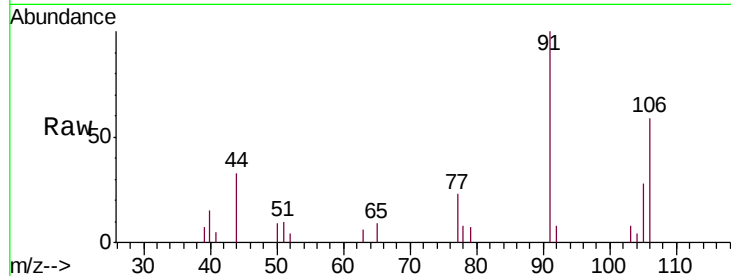
GAQG1

Tgt Ion:106 Resp: 3210

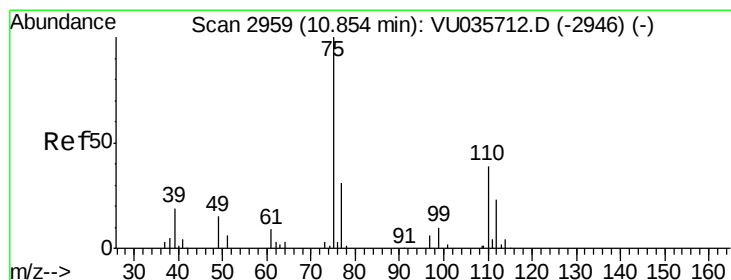
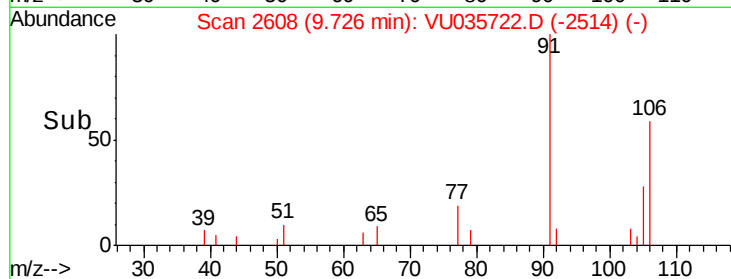
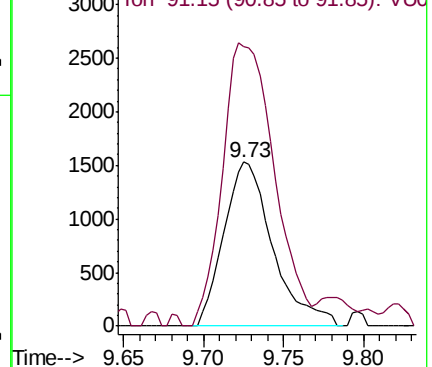
Ion Ratio Lower Upper

106 100

91 170.4 139.4 259.0



Abundance Ion 106.15 (105.85 to 106.85): VU035722.D (-2594) (-)



#59

1,2,3-Trichloropropane

Concen: 0.611 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035722.D

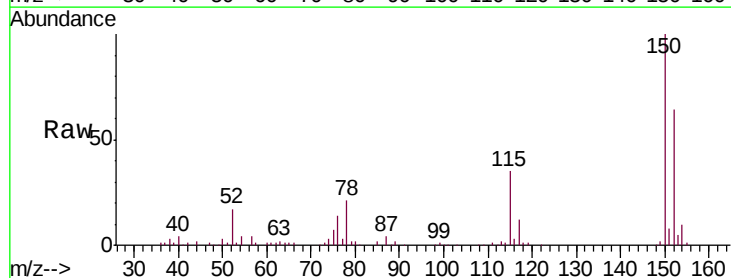
Acq: 15 Nov 2019 13:25

Tgt Ion: 75 Resp: 9661

Ion Ratio Lower Upper

75 100

77 39.3 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU035722.D (-2946) (-)

