

Data File : VU035720.D
Acq On : 15 Nov 2019 12:36
Operator : JC/SP
Sample : K5856-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQG6

Quant Time: Nov 16 01:40:42 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	216545	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	240606	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	102403	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112059	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.93	69	104855	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.00%
11) 1,1-Dichloroethene-d2	2.59	63	139707	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.71	46	312431	63.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.98%
24) Chloroform-d	5.11	84	203975	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
26) 1,2-Dichloroethane-d4	5.75	65	114275	6.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.40%
32) Benzene-d6	5.77	84	421261	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.74	67	143113	5.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.00%
41) Toluene-d8	7.93	98	342969	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.22	79	50620	5.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.40%
46) 2-Hexanone-d5	8.68	63	229559	59.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.78%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	123880	6.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.60%#
64) 1,2-Dichlorobenzene-d4	12.22	152	126456	6.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.60%#

Target Compounds

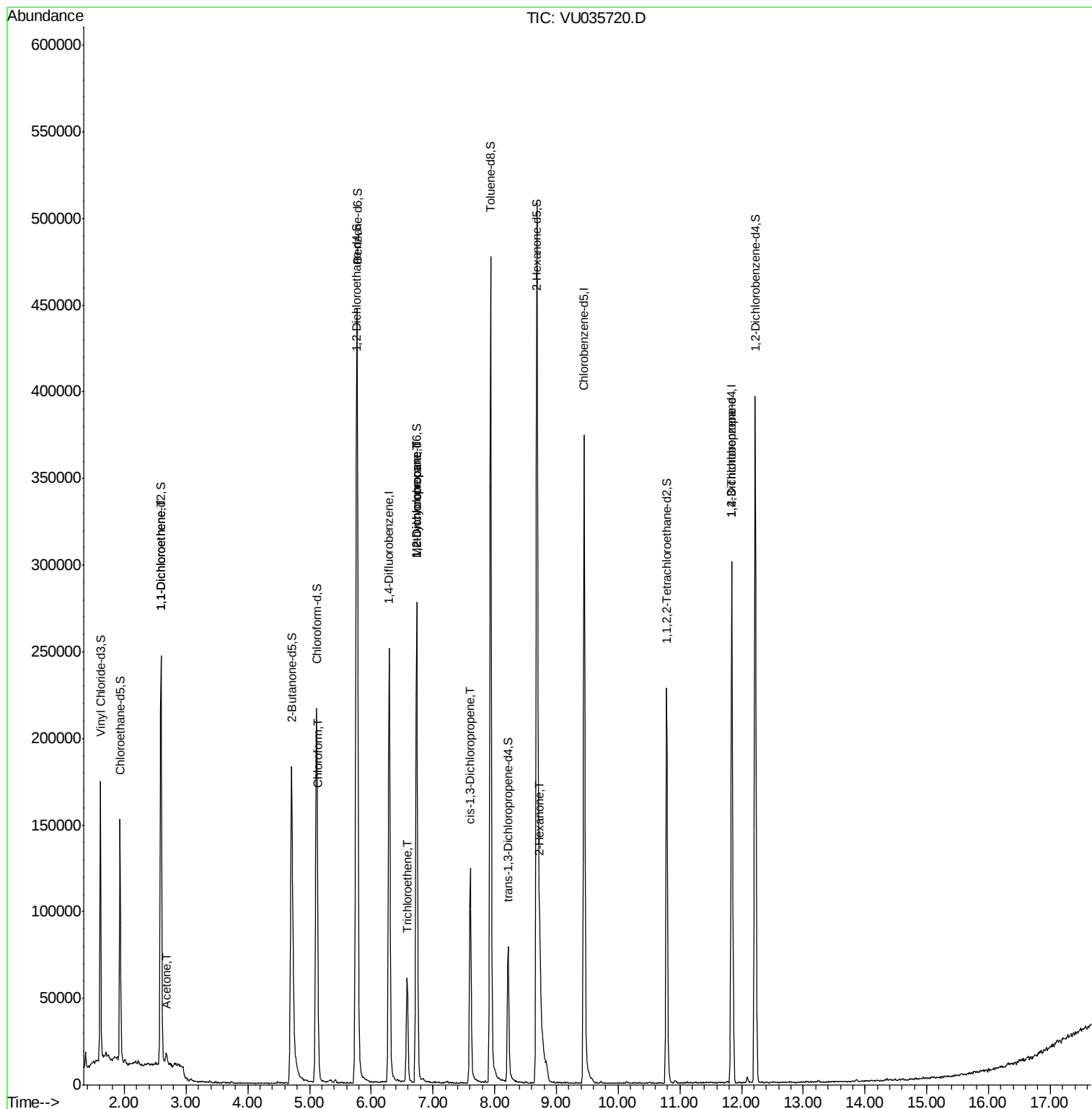
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1767	0.093 ug/L #	1
13) Acetone	2.68	43	9397	2.648 ug/L	94
25) Chloroform	5.14	83	11720	0.296 ug/L	98
34) Trichloroethene	6.58	95	21496	0.992 ug/L	96
35) Methylcyclohexane	6.74	83	32010	0.970 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	14282	0.640 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3271	0.103 ug/L #	48
48) 2-Hexanone	8.73	43	24156	2.649 ug/L #	86
59) 1,2,3-Trichloropropane	11.84	75	10853	0.736 ug/L	93

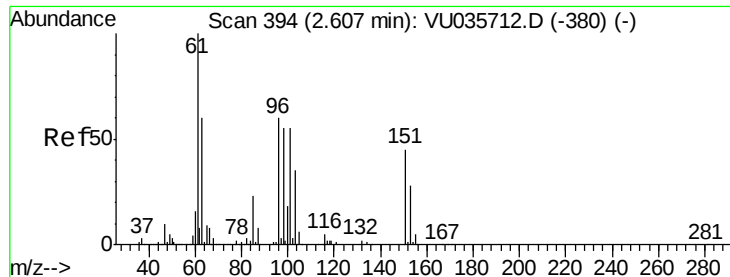
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.093 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035720.D

Acq: 15 Nov 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

GAQG6

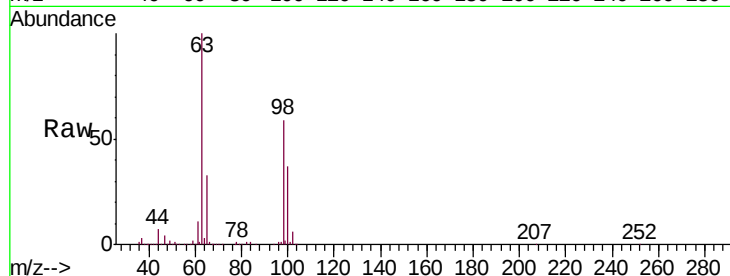
Tgt Ion: 96 Resp: 1767

Ion Ratio Lower Upper

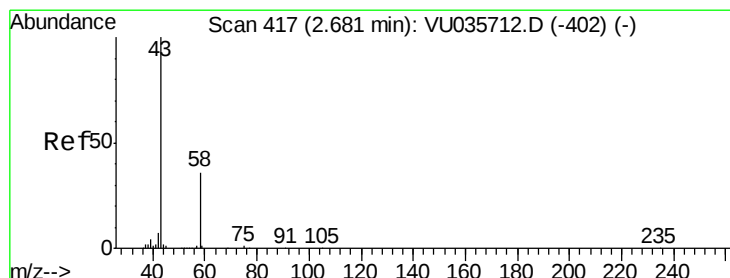
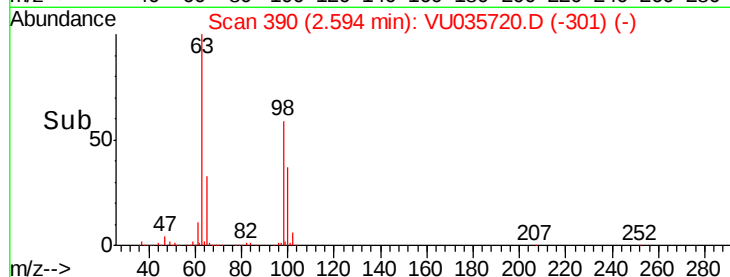
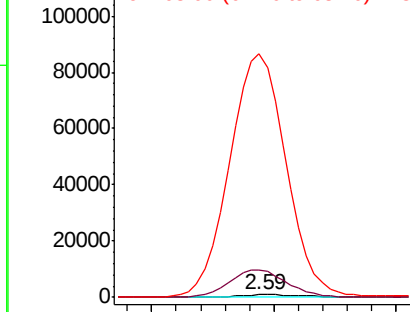
96 100

61 1124.5 123.1 228.5#

63 9813.2 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: 2.648 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU035720.D

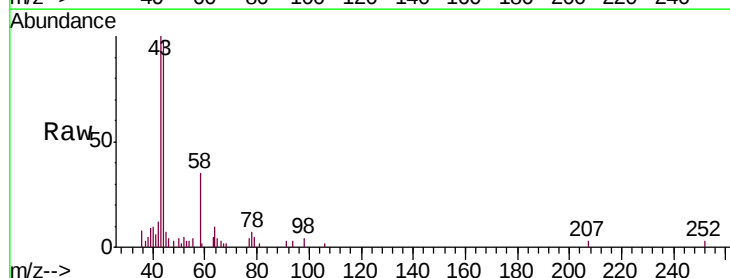
Acq: 15 Nov 2019 12:36

Tgt Ion: 43 Resp: 9397

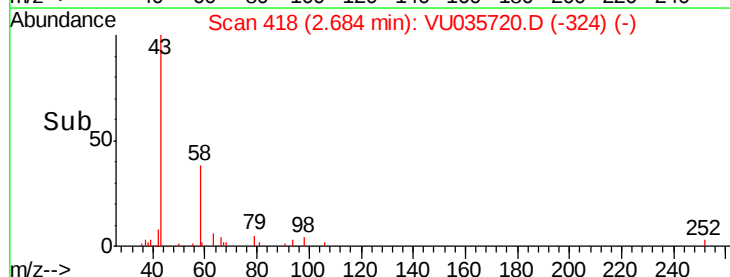
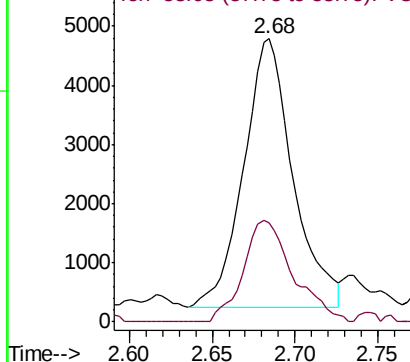
Ion Ratio Lower Upper

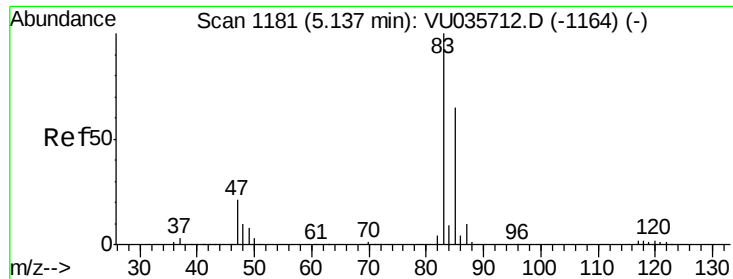
43 100

58 38.3 0.0 69.8



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

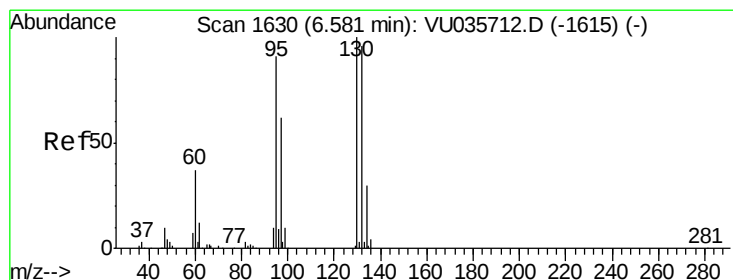
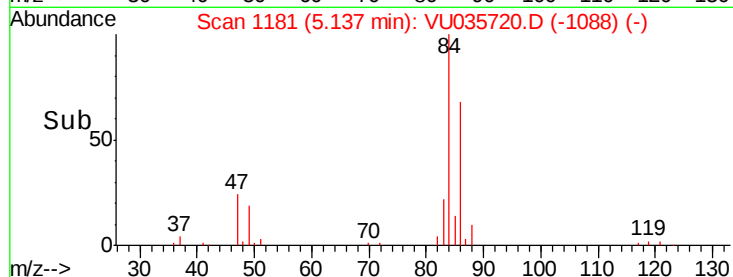
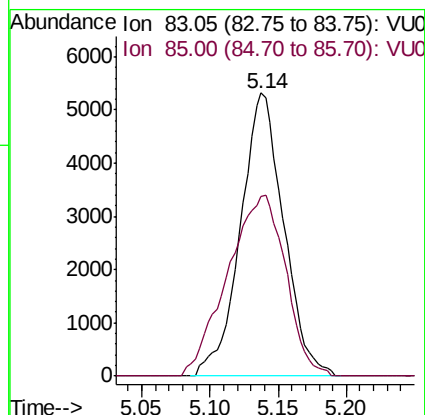
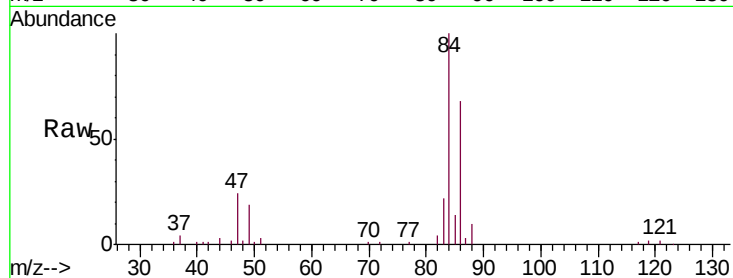




#25
Chloroform
Concen: 0.296 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035720.D
Acq: 15 Nov 2019 12:36

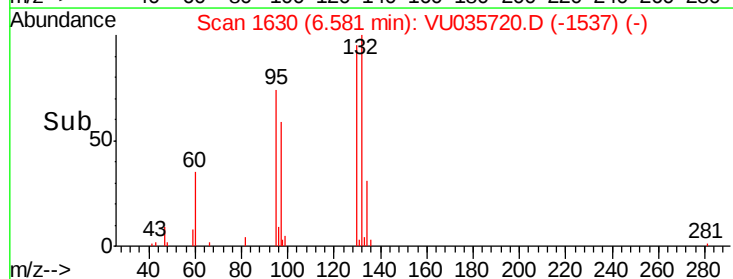
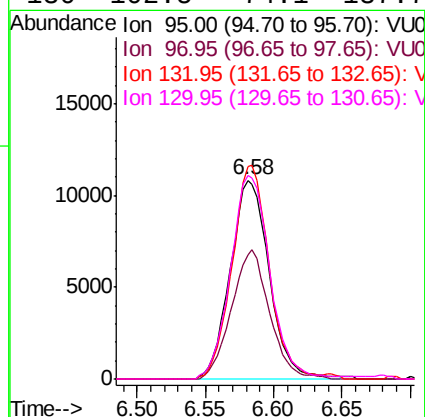
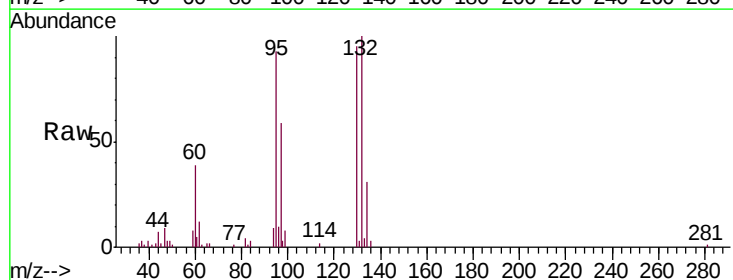
Instrument :
MSVOA_U
ClientSampleId :
GAQG6

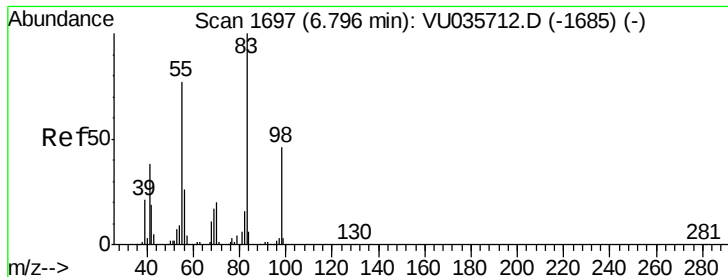
Tgt Ion: 83 Resp: 11720
Ion Ratio Lower Upper
83 100
85 63.5 45.4 84.2



#34
Trichloroethene
Concen: 0.992 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035720.D
Acq: 15 Nov 2019 12:36

Tgt Ion: 95 Resp: 21496
Ion Ratio Lower Upper
95 100
97 62.8 44.5 82.7
132 107.4 69.9 129.7
130 102.5 74.1 137.7





#35

Methylcyclohexane

Concen: 0.970 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035720.D

Acq: 15 Nov 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

GAQG6

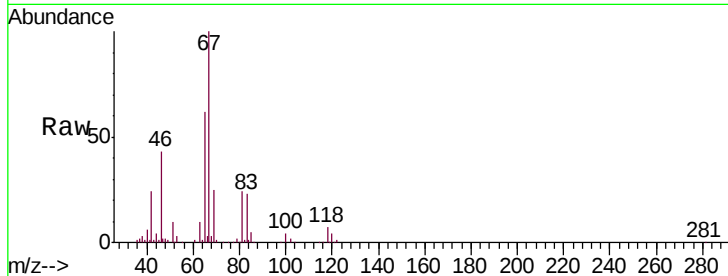
Tgt Ion: 83 Resp: 32010

Ion Ratio Lower Upper

83 100

55 0.4 62.6 93.8#

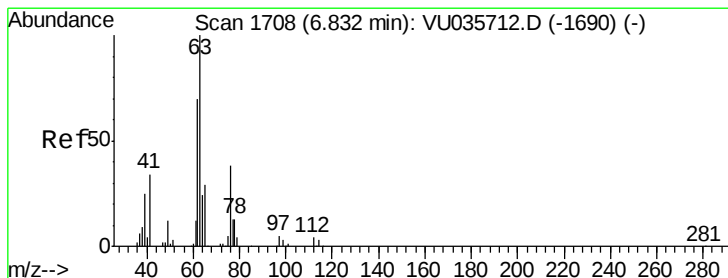
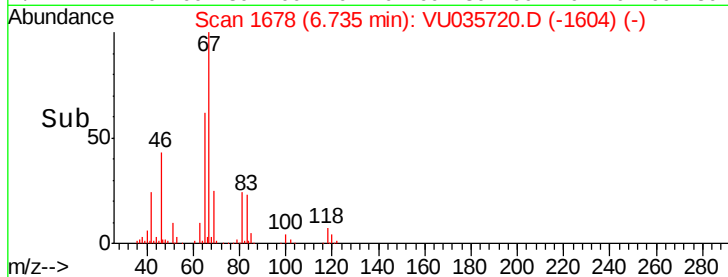
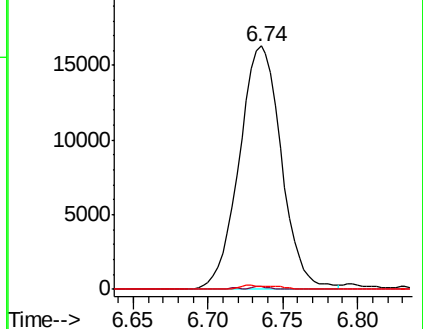
98 1.4 37.2 55.8#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035720.D

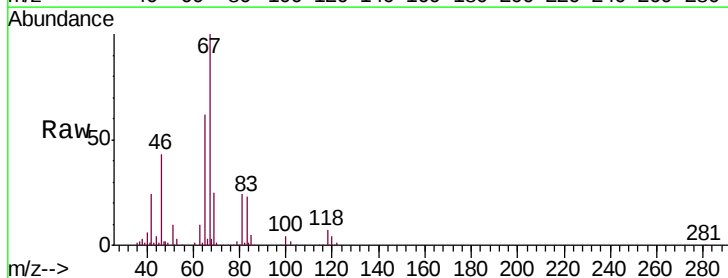
Acq: 15 Nov 2019 12:36

Tgt Ion: 63 Resp: 14282

Ion Ratio Lower Upper

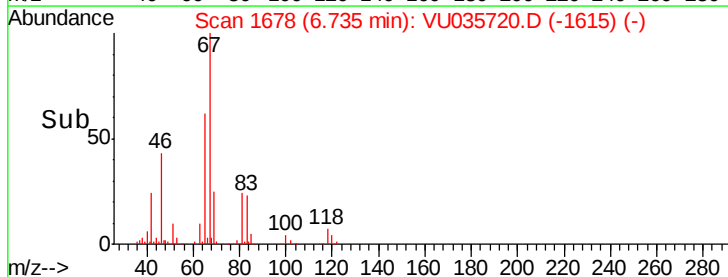
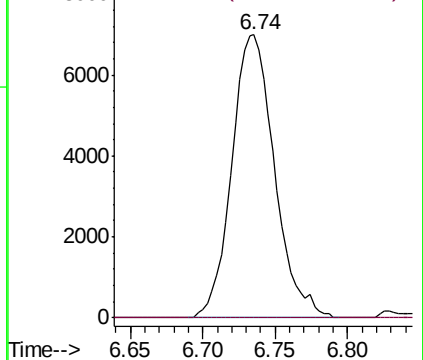
63 100

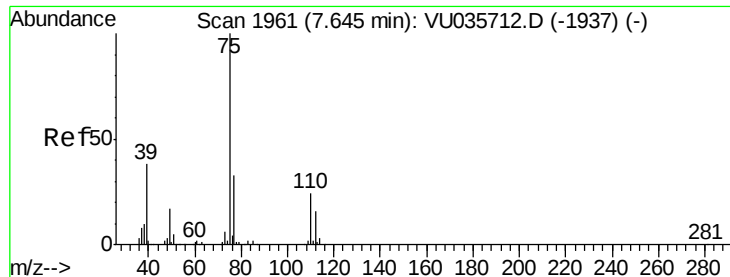
112 0.5 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035720.D

Acq: 15 Nov 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

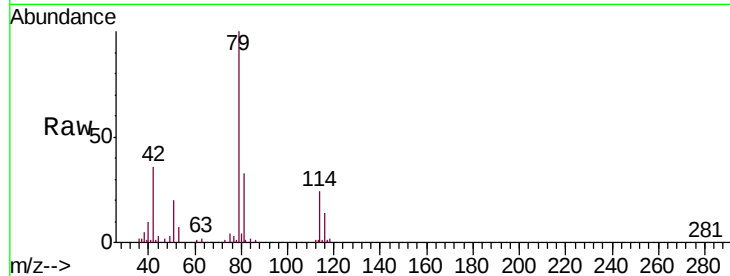
GAQG6

Tgt Ion: 75 Resp: 3271

Ion Ratio Lower Upper

75 100

77 61.4 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.60

2000

1500

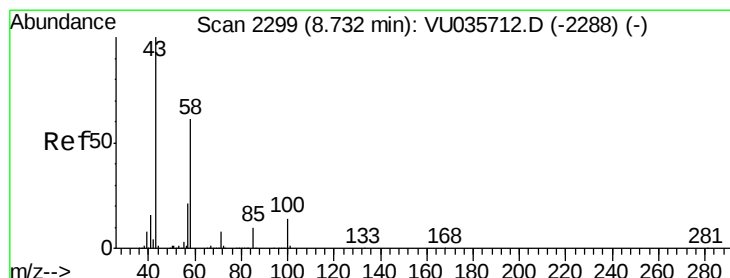
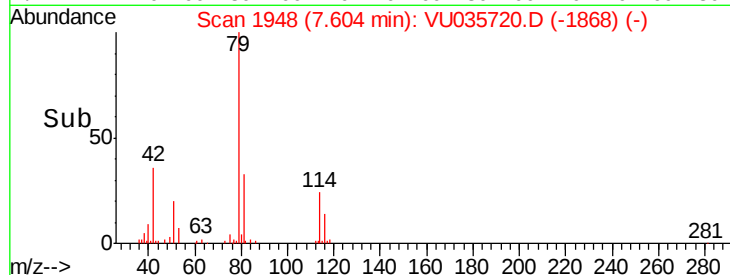
1000

500

0

7.55 7.60 7.65

Time-->



#48

2-Hexanone

Concen: 2.649 ug/L

RT: 8.73 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VU035720.D

Acq: 15 Nov 2019 12:36

Tgt Ion: 43 Resp: 24156

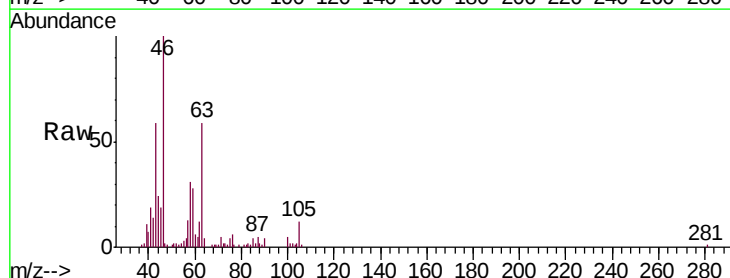
Ion Ratio Lower Upper

43 100

58 41.2 44.1 66.1#

57 16.8 15.1 22.7

100 9.6 9.4 14.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

15000

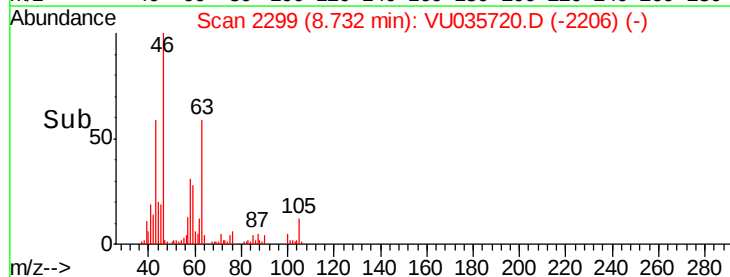
10000

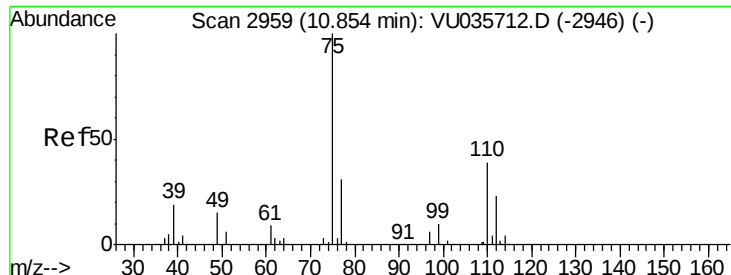
5000

0

8.70 8.73 8.80

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.736 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035720.D

Acq: 15 Nov 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

GAQG6

Tgt Ion: 75 Resp: 10853

Ion Ratio Lower Upper

75 100

77 37.4 26.8 40.2

