

Data File : VU035494.D
Acq On : 25 Oct 2019 18:21
Operator : JC/SP
Sample : K5554-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQ83

Quant Time: Oct 26 04:10:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 04:07:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	192448	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	223070	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	76585	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	135209	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.93	69	112213	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.59	63	169181	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	4.70	46	260590	51.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.88%
24) Chloroform-d	5.11	84	202609	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.75	65	107607	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.77	84	413870	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.74	67	134531	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.93	98	336888	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.22	79	45963	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.70	63	187904	48.85	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.70%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	103053	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	91370	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

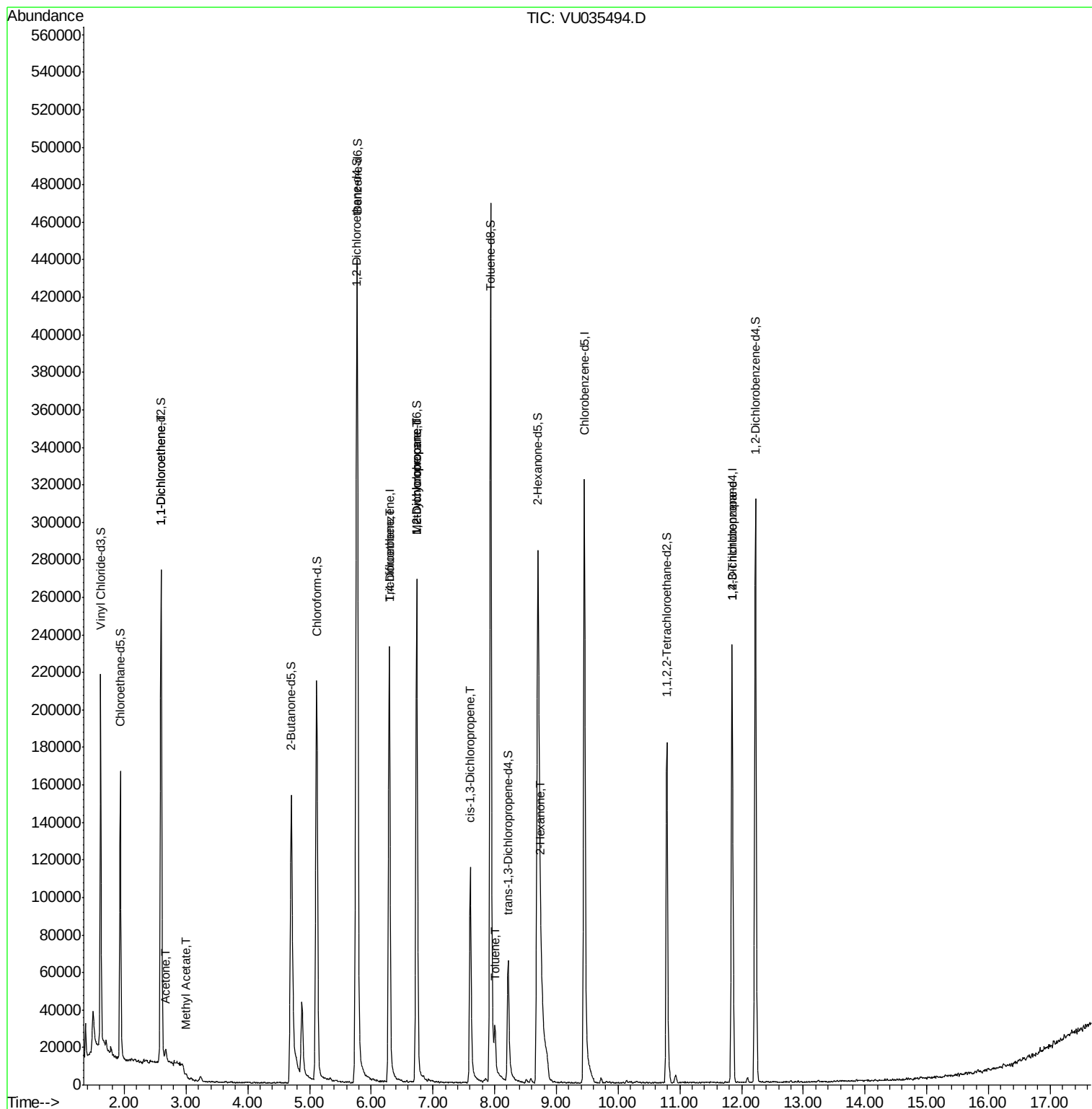
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1358	0.074 ug/L #	1
13) Acetone	2.67	43	6119	1.590 ug/L	96
15) Methyl Acetate	3.00	43	1862	0.211 ug/L	94
34) Trichloroethene	6.29	95	3684	0.169 ug/L #	5
35) Methylcyclohexane	6.74	83	30071	0.890 ug/L #	16
37) 1,2-Dichloropropane	6.74	63	14277	0.608 ug/L #	87
39) cis-1,3-Dichloropropene	7.61	75	3368	0.103 ug/L #	37
42) Toluene	8.01	91	15073	0.166 ug/L	100
48) 2-Hexanone	8.75	43	17377	1.859 ug/L #	93
59) 1,2,3-Trichloropropane	11.84	75	9167	0.609 ug/L	100

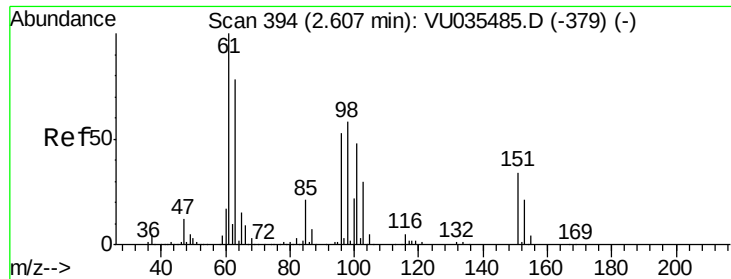
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035494.D

Acq: 25 Oct 2019 18:21

Instrument :

MSVOA_U

ClientSampleId :

GAQ83

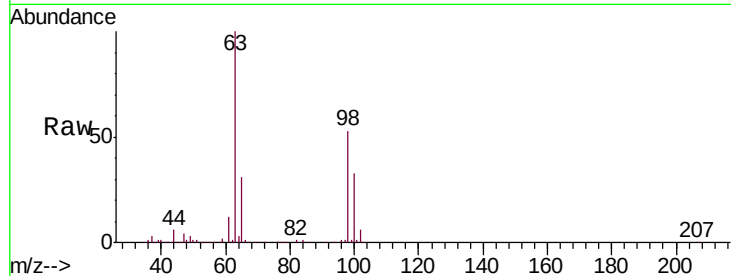
Tgt Ion: 96 Resp: 1358

Ion Ratio Lower Upper

96 100

61 1456.1 131.9 244.9#

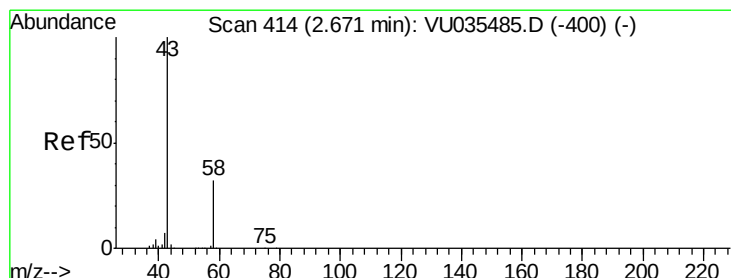
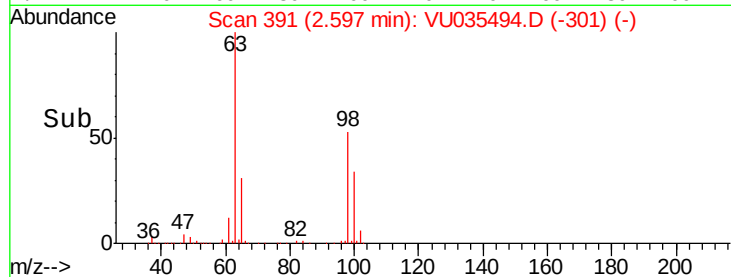
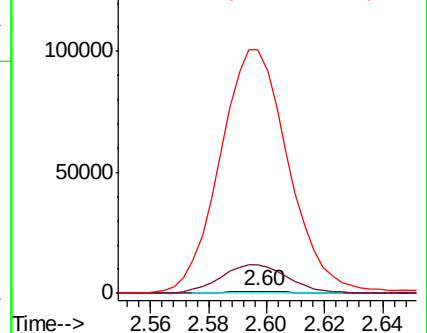
63 12274.1 97.0 180.2#



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: 1.590 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU035494.D

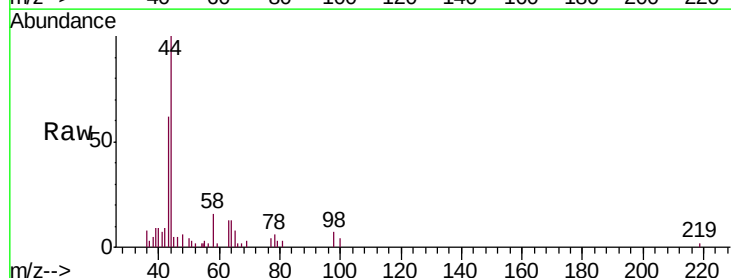
Acq: 25 Oct 2019 18:21

Tgt Ion: 43 Resp: 6119

Ion Ratio Lower Upper

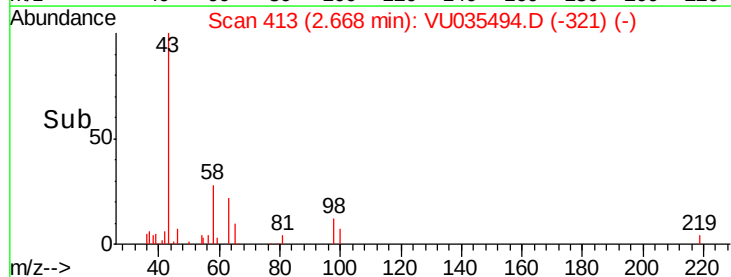
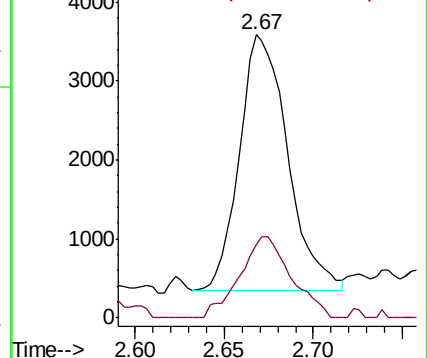
43 100

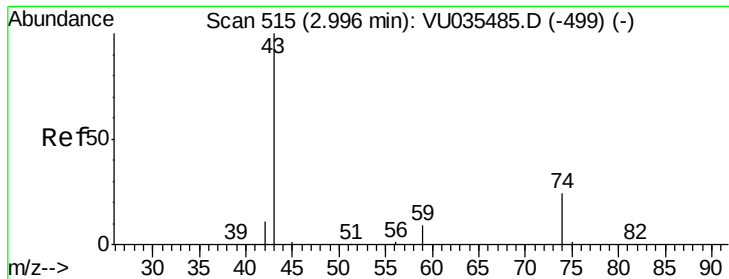
58 33.8 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#15

Methyl Acetate

Concen: 0.211 ug/L

RT: 3.00 min Scan# 515

Delta R.T. -0.00 min

Lab File: VU035494.D

Acq: 25 Oct 2019 18:21

Instrument :

MSVOA_U

ClientSampled :

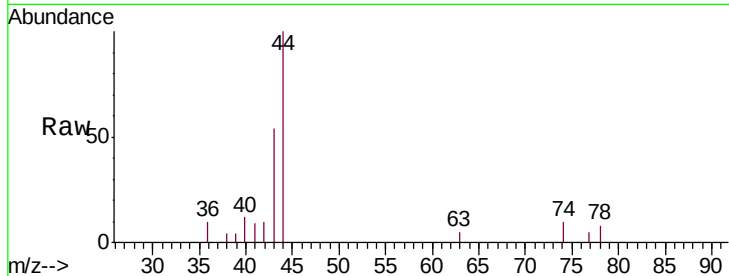
GAQ83

Tgt Ion: 43 Resp: 1862

Ion Ratio Lower Upper

43 100

74 21.5 19.4 29.2



Abundance Ion 43.05 (42.75 to 43.75): VU035485.D (-499) (-)

Ion 74.05 (73.75 to 74.75): VU035485.D (-499) (-)

3.00

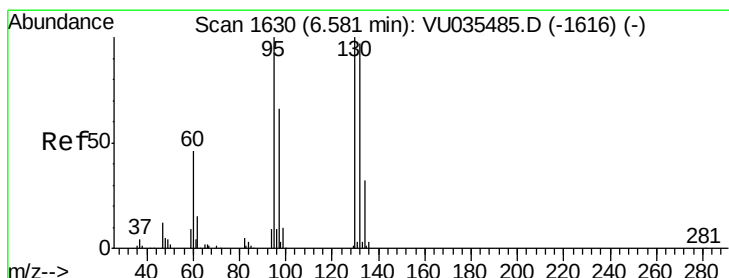
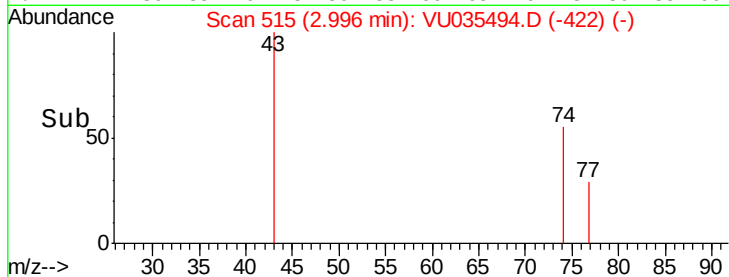
1500

1000

500

0

Time-->



#34

Trichloroethene

Concen: 0.169 ug/L

RT: 6.29 min Scan# 1541

Delta R.T. -0.29 min

Lab File: VU035494.D

Acq: 25 Oct 2019 18:21

Tgt Ion: 95 Resp: 3684

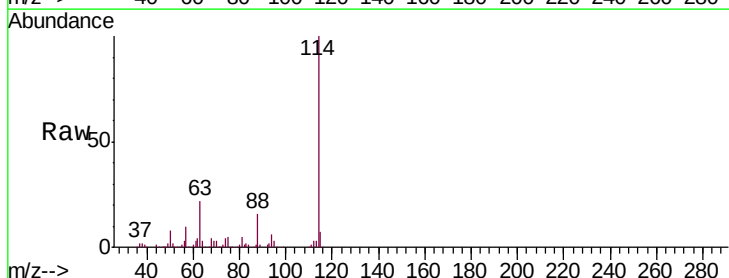
Ion Ratio Lower Upper

95 100

97 0.0 43.8 81.4#

132 0.0 67.3 124.9#

130 0.0 70.6 131.2#



Abundance Ion 95.00 (94.70 to 95.70): VU035485.D (-1616) (-)

Ion 96.95 (96.65 to 97.65): VU035485.D (-1616) (-)

Ion 131.95 (131.65 to 132.65): VU035485.D (-1616) (-)

Ion 129.95 (129.65 to 130.65): VU035485.D (-1616) (-)

6.29

4000

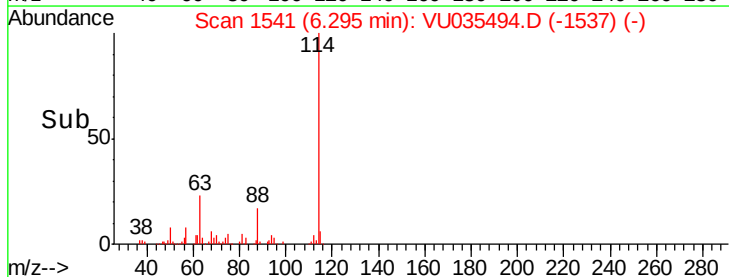
3000

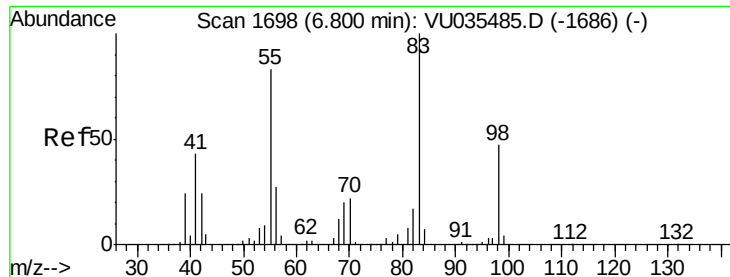
2000

1000

0

Time-->

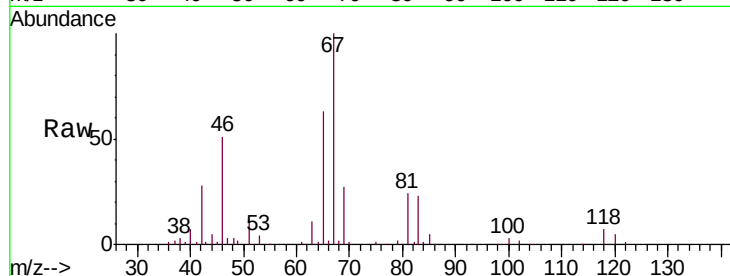




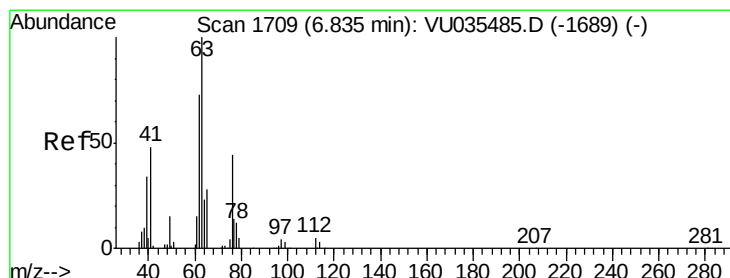
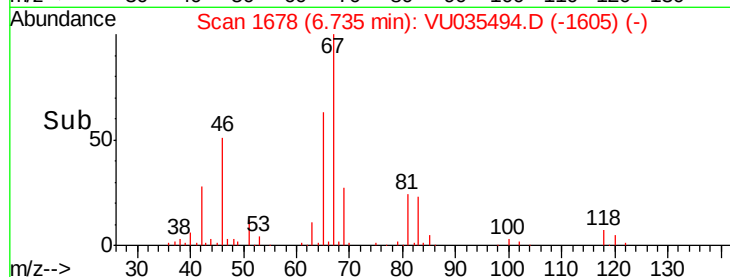
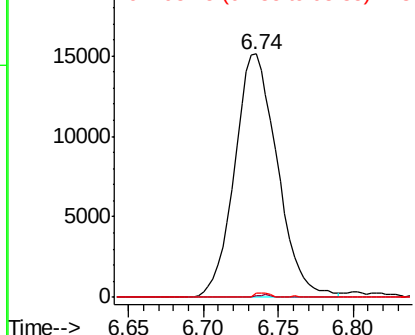
#35
Methylcyclohexane
Concen: 0.890 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035494.D
Acq: 25 Oct 2019 18:21

Instrument :
MSVOA_U
ClientSampleId :
GAQ83

Tgt Ion: 83 Resp: 30071
Ion Ratio Lower Upper
83 100
55 0.3 67.3 100.9#
98 0.6 39.0 58.6#

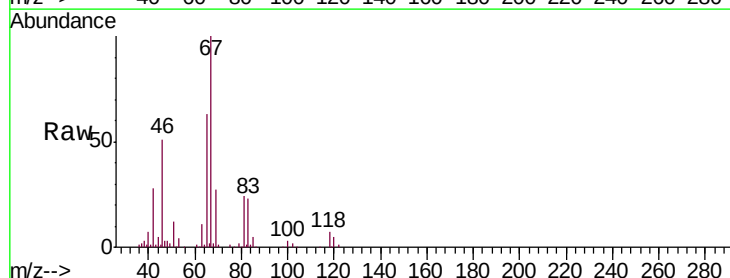


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

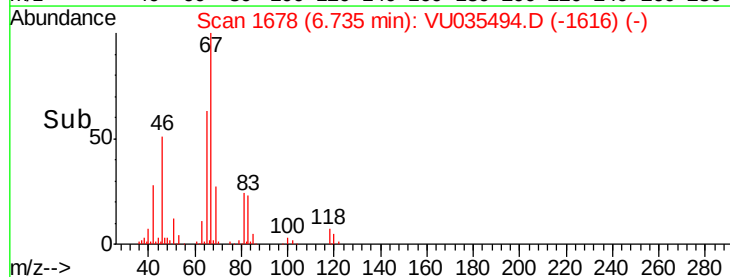
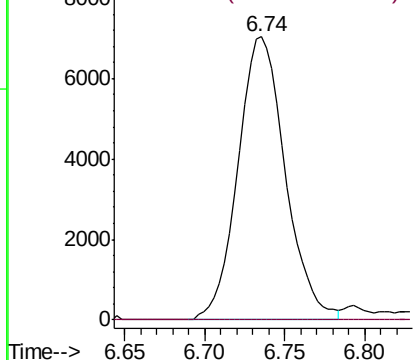


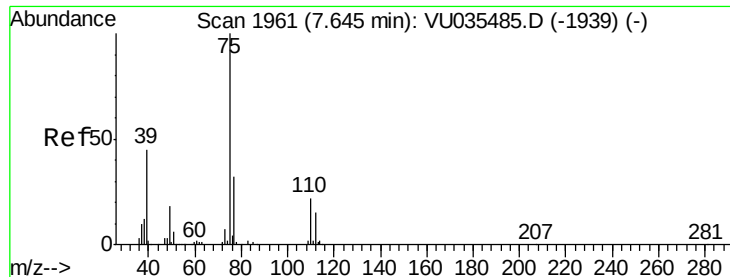
#37
1,2-Dichloropropane
Concen: 0.608 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035494.D
Acq: 25 Oct 2019 18:21

Tgt Ion: 63 Resp: 14277
Ion Ratio Lower Upper
63 100
112 0.1 3.6 5.4#



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: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035494.D

Acq: 25 Oct 2019 18:21

Instrument :

MSVOA_U

ClientSampleId :

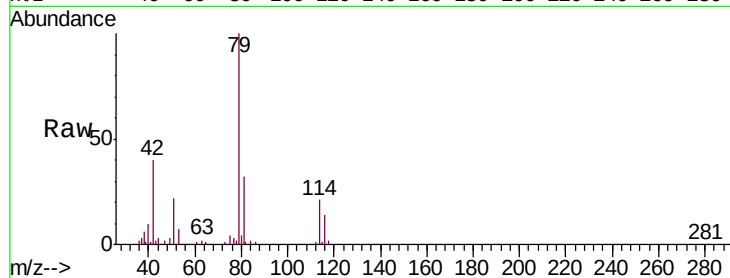
GAQ83

Tgt Ion: 75 Resp: 3368

Ion Ratio Lower Upper

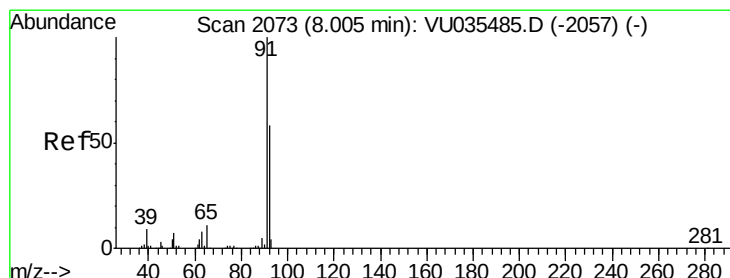
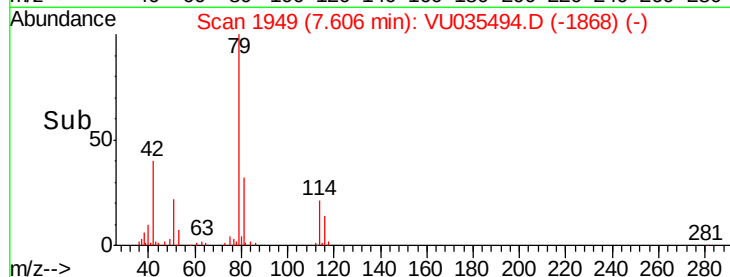
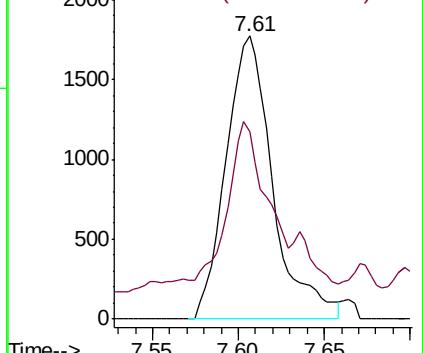
75 100

77 66.1 22.0 40.8#



Abundance Ion 75.05 (74.75 to 75.75): VU035485.D (-1939) (-)

Ion 77.05 (76.75 to 77.75): VU035485.D (-1939) (-)



#42

Toluene

Concen: 0.166 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035494.D

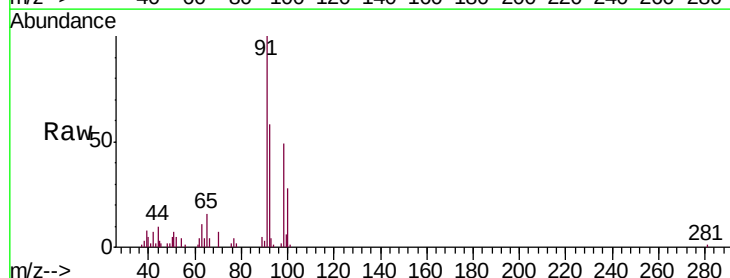
Acq: 25 Oct 2019 18:21

Tgt Ion: 91 Resp: 15073

Ion Ratio Lower Upper

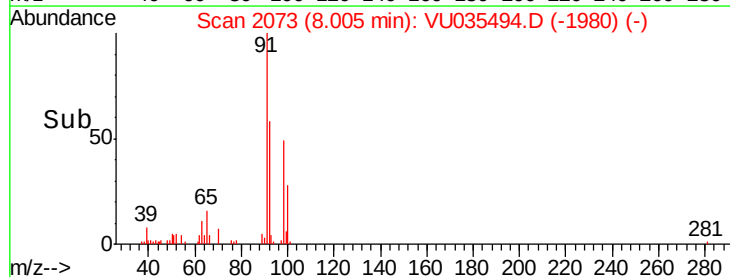
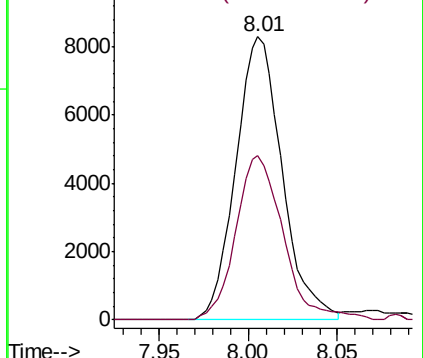
91 100

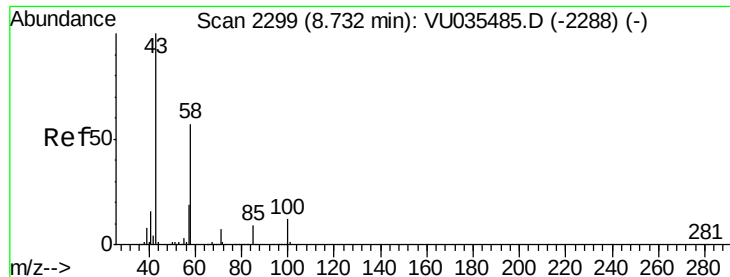
92 58.1 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU035485.D (-2057) (-)

Ion 92.15 (91.85 to 92.85): VU035485.D (-2057) (-)

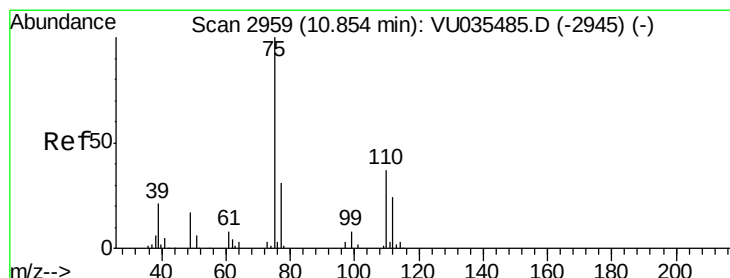
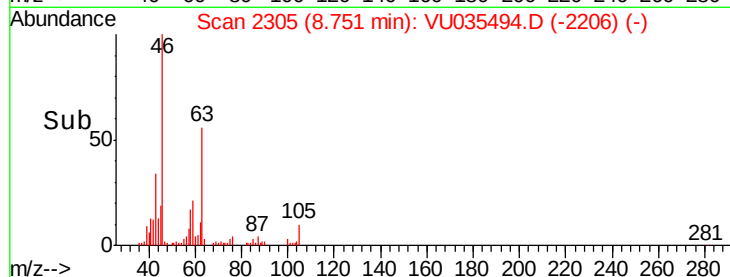
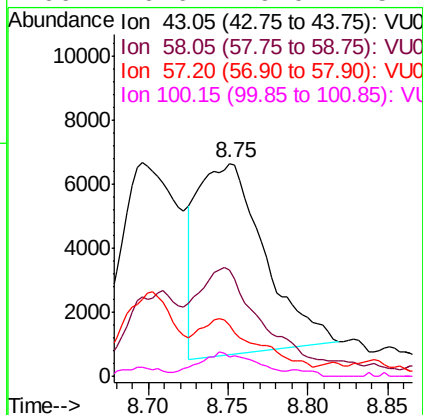
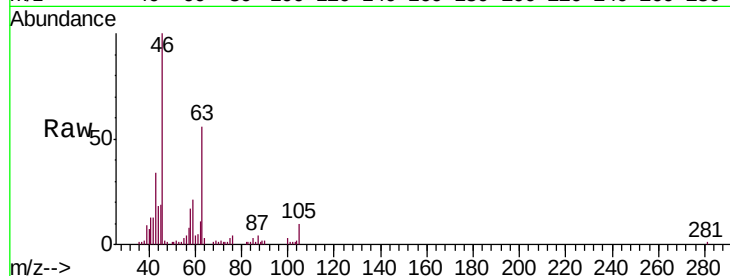




#48
 2-Hexanone
 Concen: 1.859 ug/L
 RT: 8.75 min Scan# 2305
 Delta R.T. 0.02 min
 Lab File: VU035494.D
 Acq: 25 Oct 2019 18:21

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ83

Tgt Ion: 43 Resp: 17377
 Ion Ratio Lower Upper
 43 100
 58 51.9 43.1 64.7
 57 28.2 14.2 21.2#
 100 10.6 9.0 13.4



#59
 1,2,3-Trichloropropane
 Concen: 0.609 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035494.D
 Acq: 25 Oct 2019 18:21

Tgt Ion: 75 Resp: 9167
 Ion Ratio Lower Upper
 75 100
 77 33.9 27.4 41.0

