

Data File : VU035495.D
Acq On : 25 Oct 2019 18:46
Operator : JC/SP
Sample : K5554-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQ84

Quant Time: Oct 26 04:11:07 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	202634	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	230786	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	76716	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	136116	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.93	69	109862	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.60	63	164978	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.70	46	262948	49.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.60%
24) Chloroform-d	5.11	84	197753	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.75	65	107067	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.77	84	407537	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.74	67	134045	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.93	98	341350	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.22	79	48508	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.70	63	182802	45.94	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.88%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102500	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	87945	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

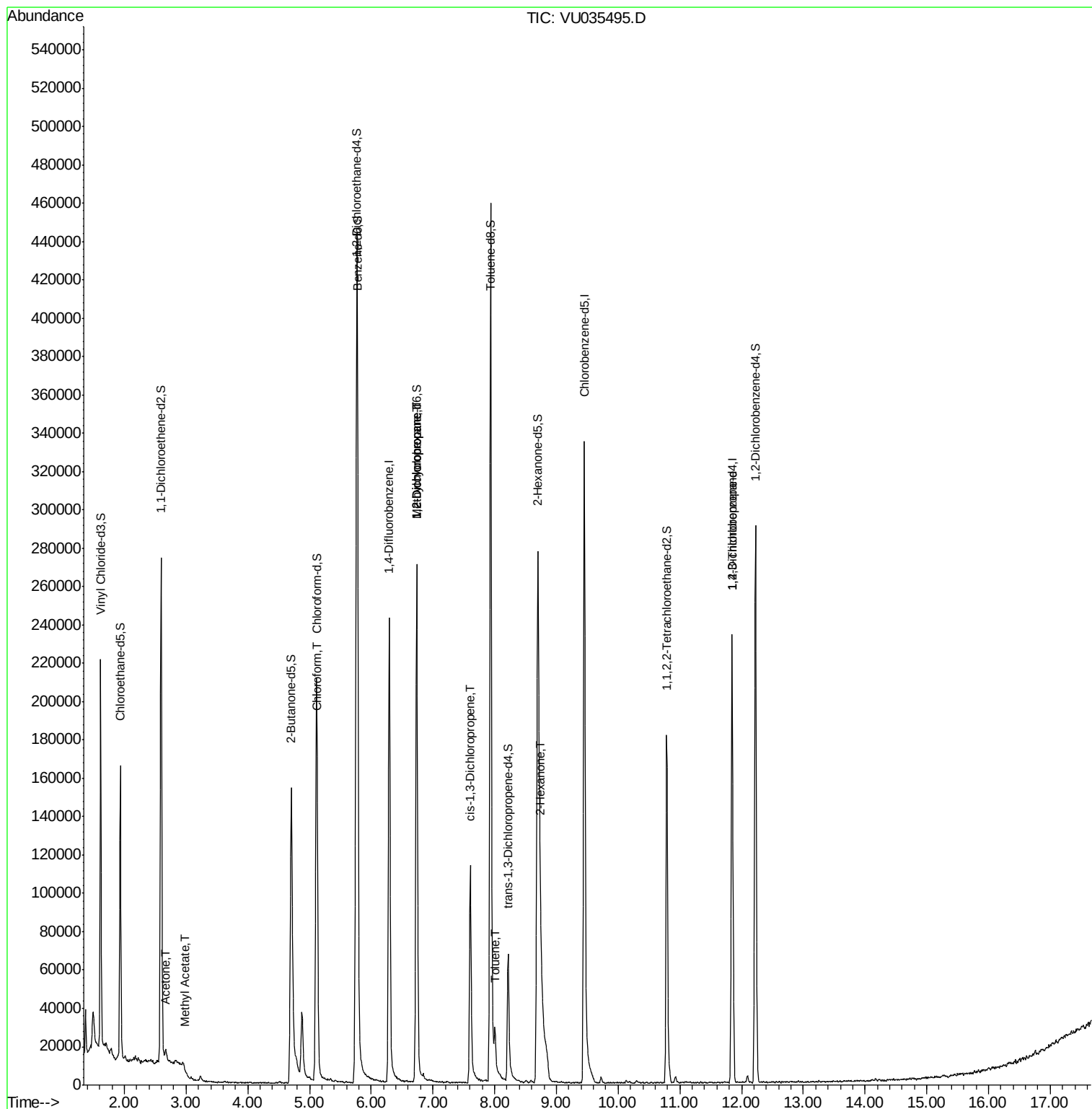
					Qvalue
13) Acetone	2.67	43	6226	1.537 ug/L	93
15) Methyl Acetate	2.99	43	2520	0.271 ug/L #	87
25) Chloroform	5.13	83	7532	0.172 ug/L	97
35) Methylcyclohexane	6.73	83	30567	0.875 ug/L #	16
37) 1,2-Dichloropropane	6.74	63	14146	0.582 ug/L #	87
39) cis-1,3-Dichloropropene	7.61	75	3024	0.089 ug/L #	45
42) Toluene	8.01	91	13959	0.149 ug/L	99
48) 2-Hexanone	8.74	43	15896	1.644 ug/L #	68
59) 1,2,3-Trichloropropane	11.84	75	9635	0.619 ug/L	98

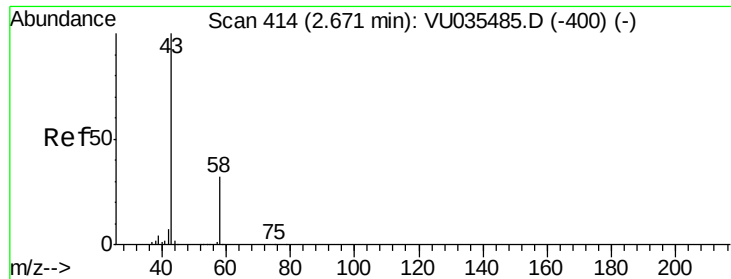
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.537 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU035495.D

Acq: 25 Oct 2019 18:46

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MSVOA_U

ClientSampleId :

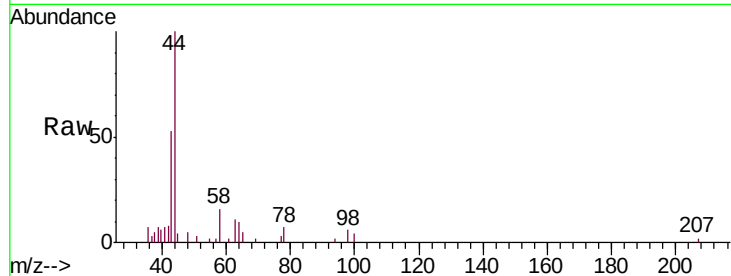
GAQ84

Tgt Ion: 43 Resp: 6226

Ion Ratio Lower Upper

43 100

58 35.5 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU035485.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU035485.D (-400) (-)

2.67

3000

2000

1000

0

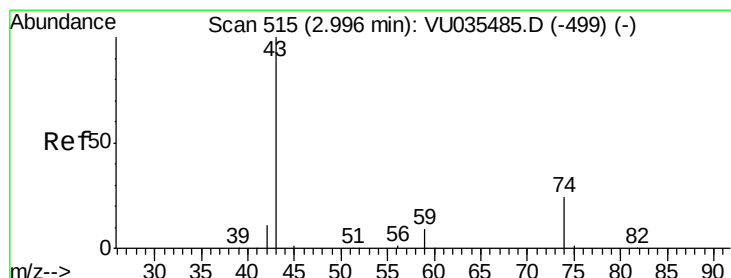
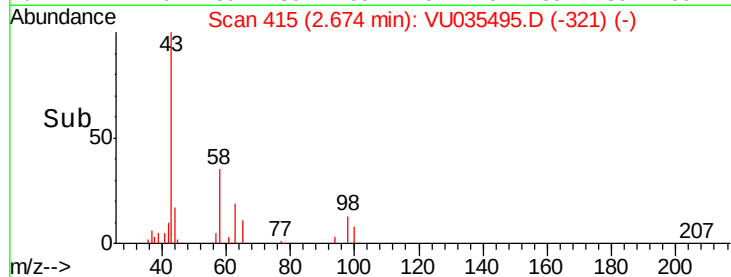
Time-->

2.60

2.65

2.70

2.75



#15

Methyl Acetate

Concen: 0.271 ug/L

RT: 2.99 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU035495.D

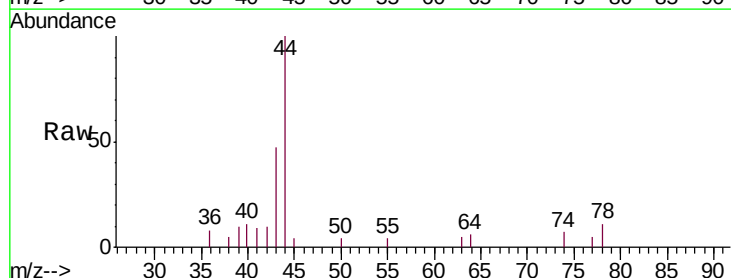
Acq: 25 Oct 2019 18:46

Tgt Ion: 43 Resp: 2520

Ion Ratio Lower Upper

43 100

74 17.7 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) (-)

2.99

1500

1000

500

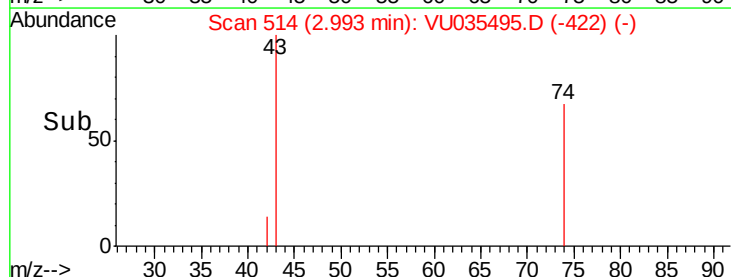
0

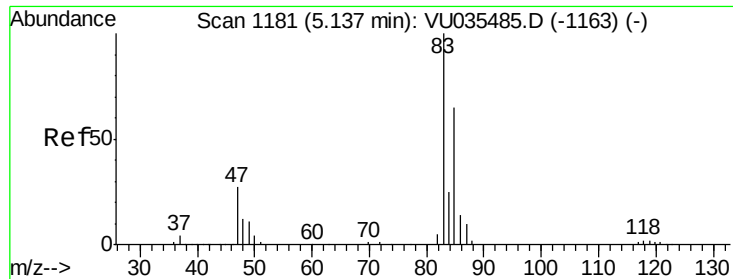
Time-->

2.95

3.00

3.05

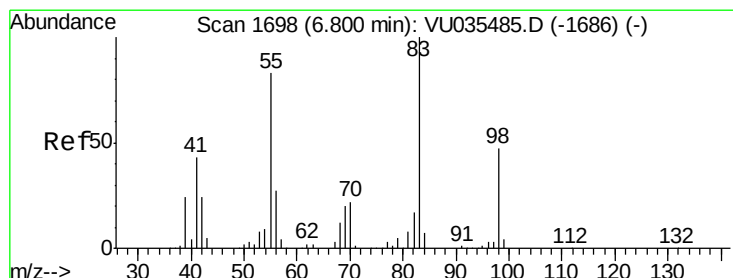
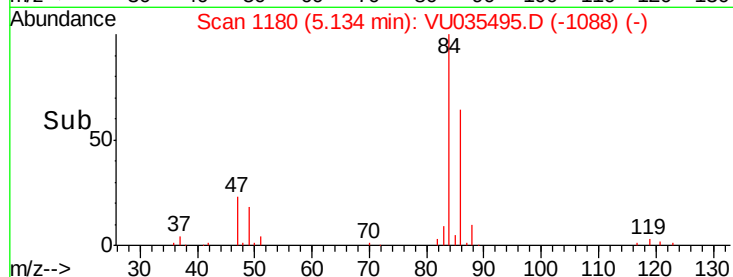
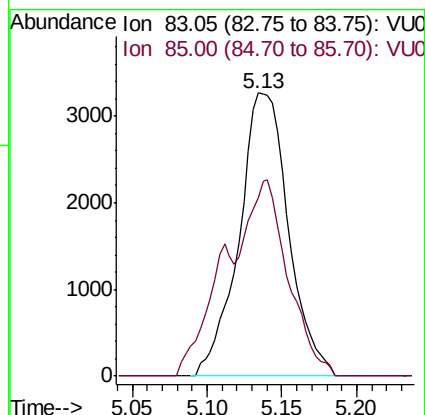
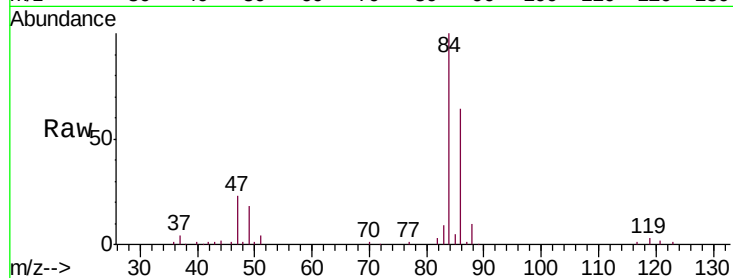




#25
Chloroform
Concen: 0.172 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU035495.D
Acq: 25 Oct 2019 18:46

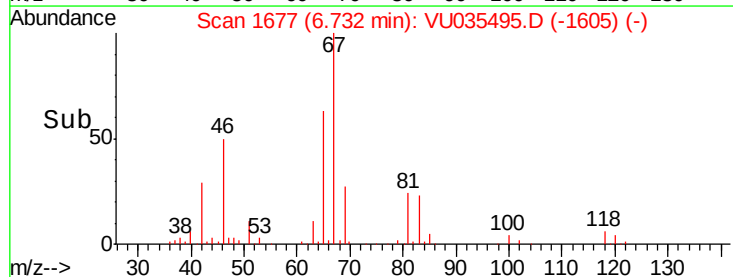
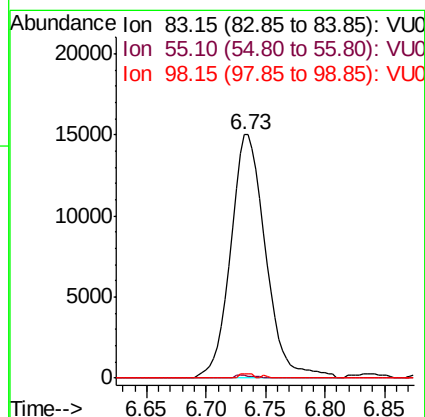
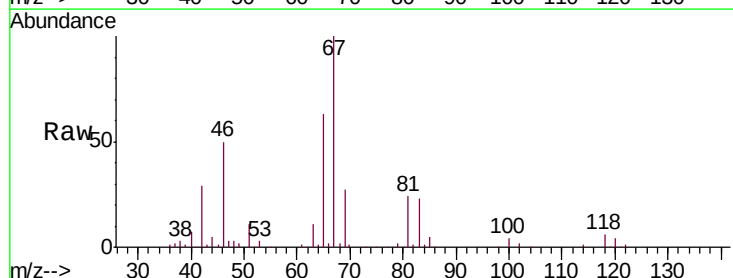
Instrument :
MSVOA_U
ClientSampleId :
GAQ84

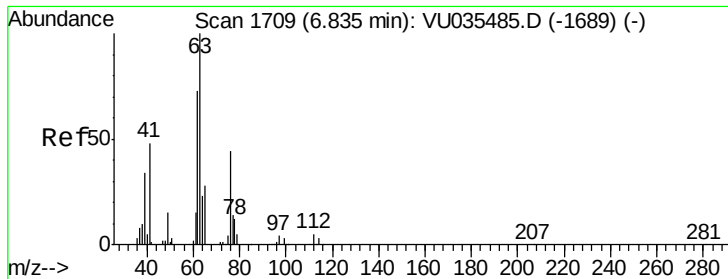
Tgt Ion: 83 Resp: 7532
Ion Ratio Lower Upper
83 100
85 63.2 45.7 84.9



#35
Methylcyclohexane
Concen: 0.875 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035495.D
Acq: 25 Oct 2019 18:46

Tgt Ion: 83 Resp: 30567
Ion Ratio Lower Upper
83 100
55 0.6 67.3 100.9#
98 0.7 39.0 58.6#

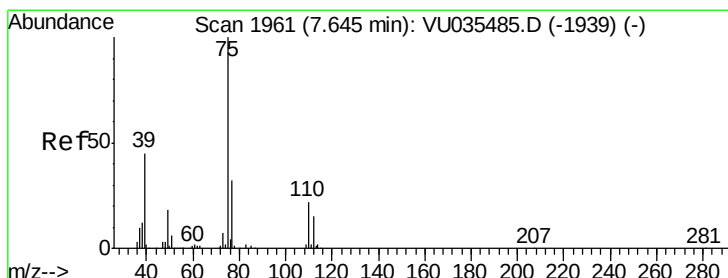
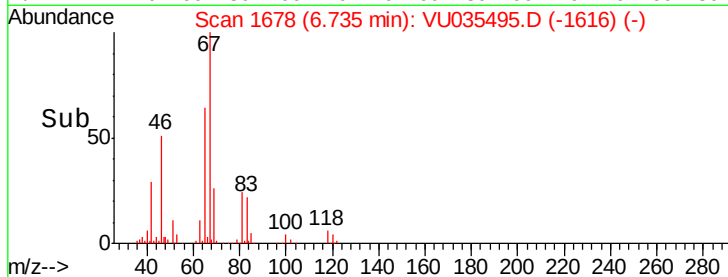
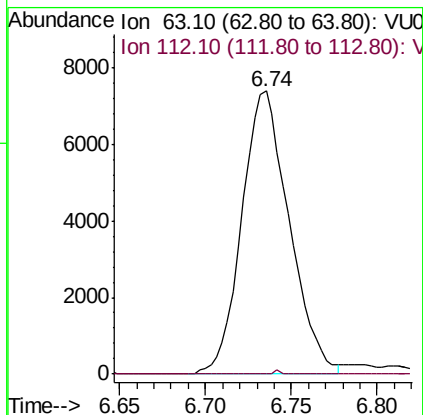
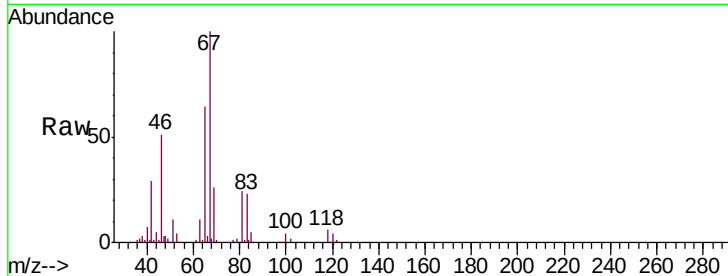




#37
 1,2-Dichloropropane
 Concen: 0.582 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035495.D
 Acq: 25 Oct 2019 18:46

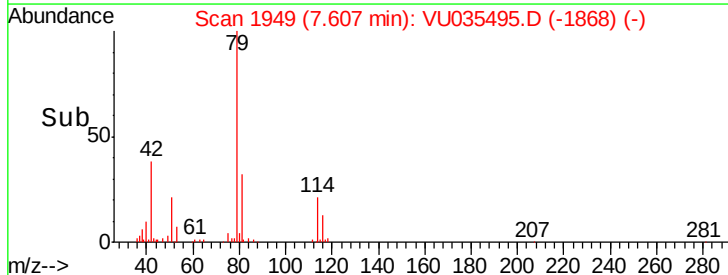
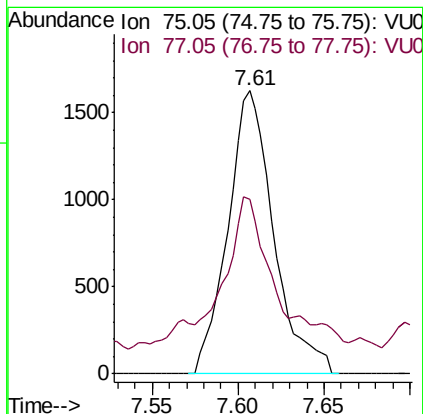
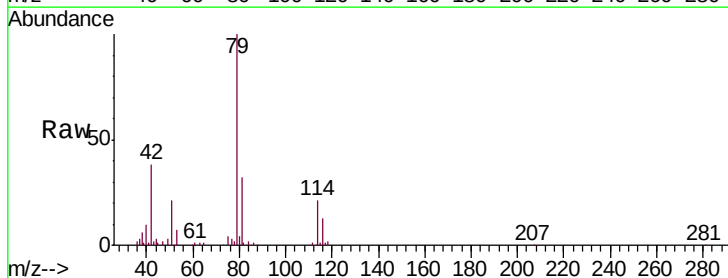
Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ84

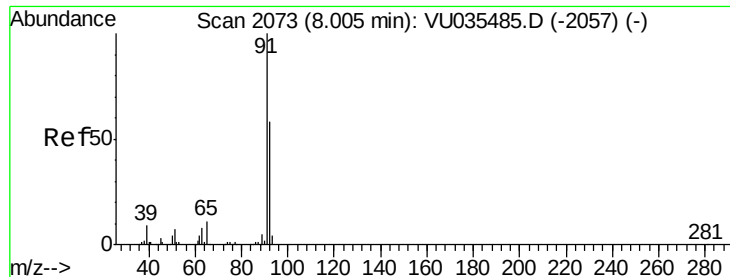
Tgt Ion: 63 Resp: 14146
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035495.D
 Acq: 25 Oct 2019 18:46

Tgt Ion: 75 Resp: 3024
 Ion Ratio Lower Upper
 75 100
 77 61.6 22.0 40.8#





#42

Toluene

Concen: 0.149 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035495.D

Acq: 25 Oct 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

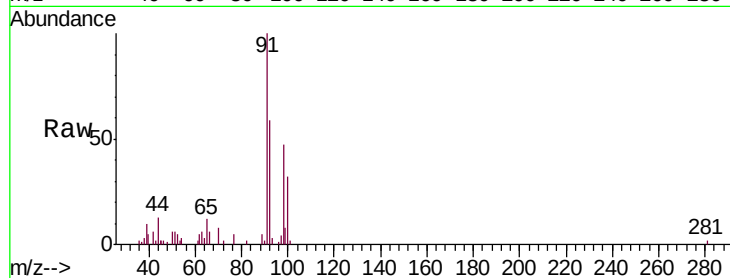
GAQ84

Tgt Ion: 91 Resp: 13959

Ion Ratio Lower Upper

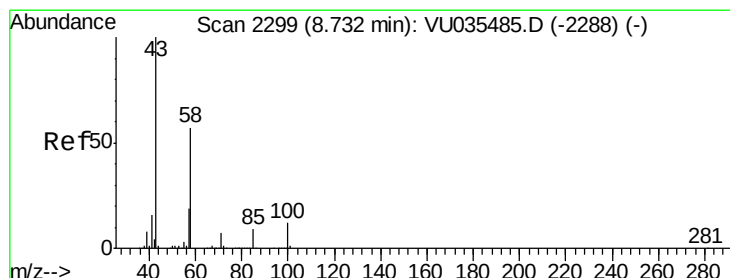
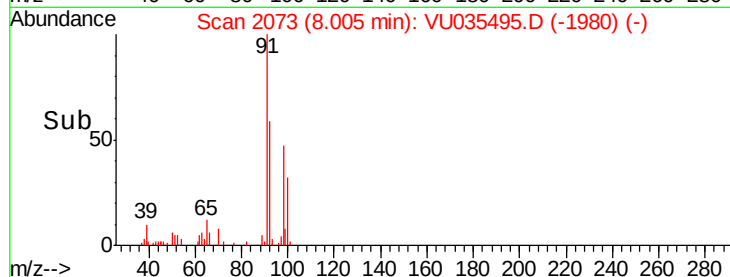
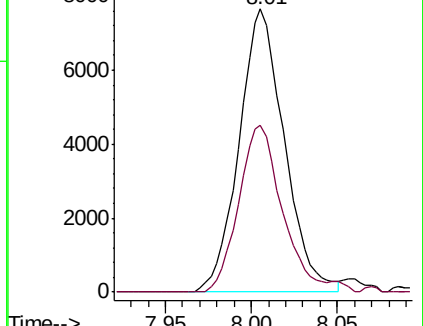
91 100

92 59.1 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: 1.644 ug/L

RT: 8.74 min Scan# 2303

Delta R.T. 0.01 min

Lab File: VU035495.D

Acq: 25 Oct 2019 18:46

Tgt Ion: 43 Resp: 15896

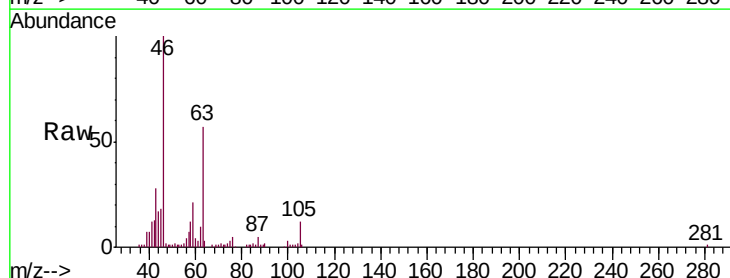
Ion Ratio Lower Upper

43 100

58 29.7 43.1 64.7#

57 0.0 14.2 21.2#

100 7.4 9.0 13.4#

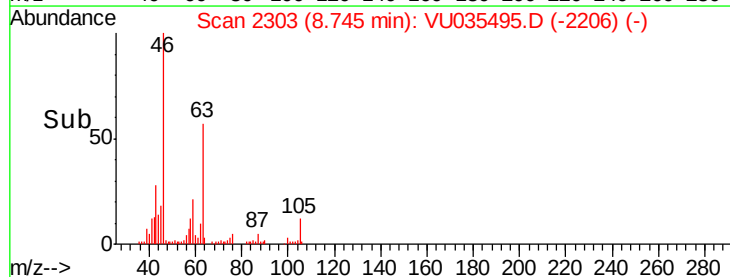
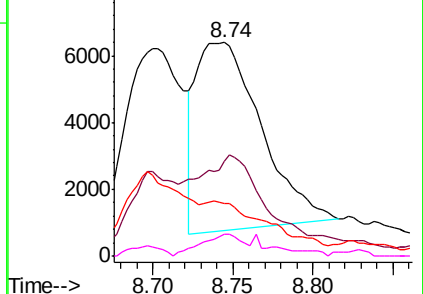


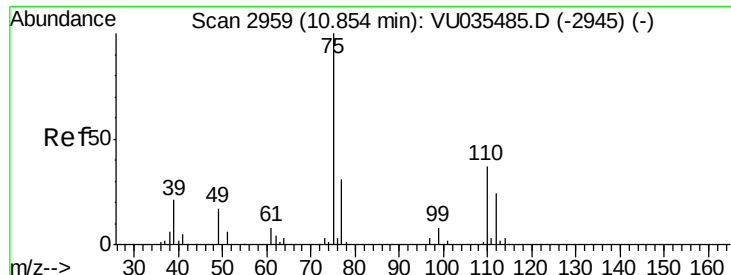
Abundance Ion 43.05 (42.75 to 43.75): VU035485.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035485.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035485.D (-2288) (-)

Ion 100.15 (99.85 to 100.85): VU035485.D (-2288) (-)





#59

1,2,3-Trichloropropane

Concen: 0.619 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035495.D

Acq: 25 Oct 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

GAQ84

Tgt Ion: 75 Resp: 9635

Ion Ratio Lower Upper

75 100

77 33.3 27.4 41.0

