

Data File : VU035492.D
Acq On : 25 Oct 2019 17:32
Operator : JC/SP
Sample : K5554-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQ81

Quant Time: Oct 26 04:10:42 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	197341	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	231666	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	77240	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	132496	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.94	69	108528	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.60	63	162247	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.70	46	262531	50.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.08%
24) Chloroform-d	5.11	84	199796	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.75	65	105386	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.77	84	394052	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.74	67	129372	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.93	98	332023	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.22	79	46917	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.70	63	176117	44.09	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.18%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	98650	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	85998	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

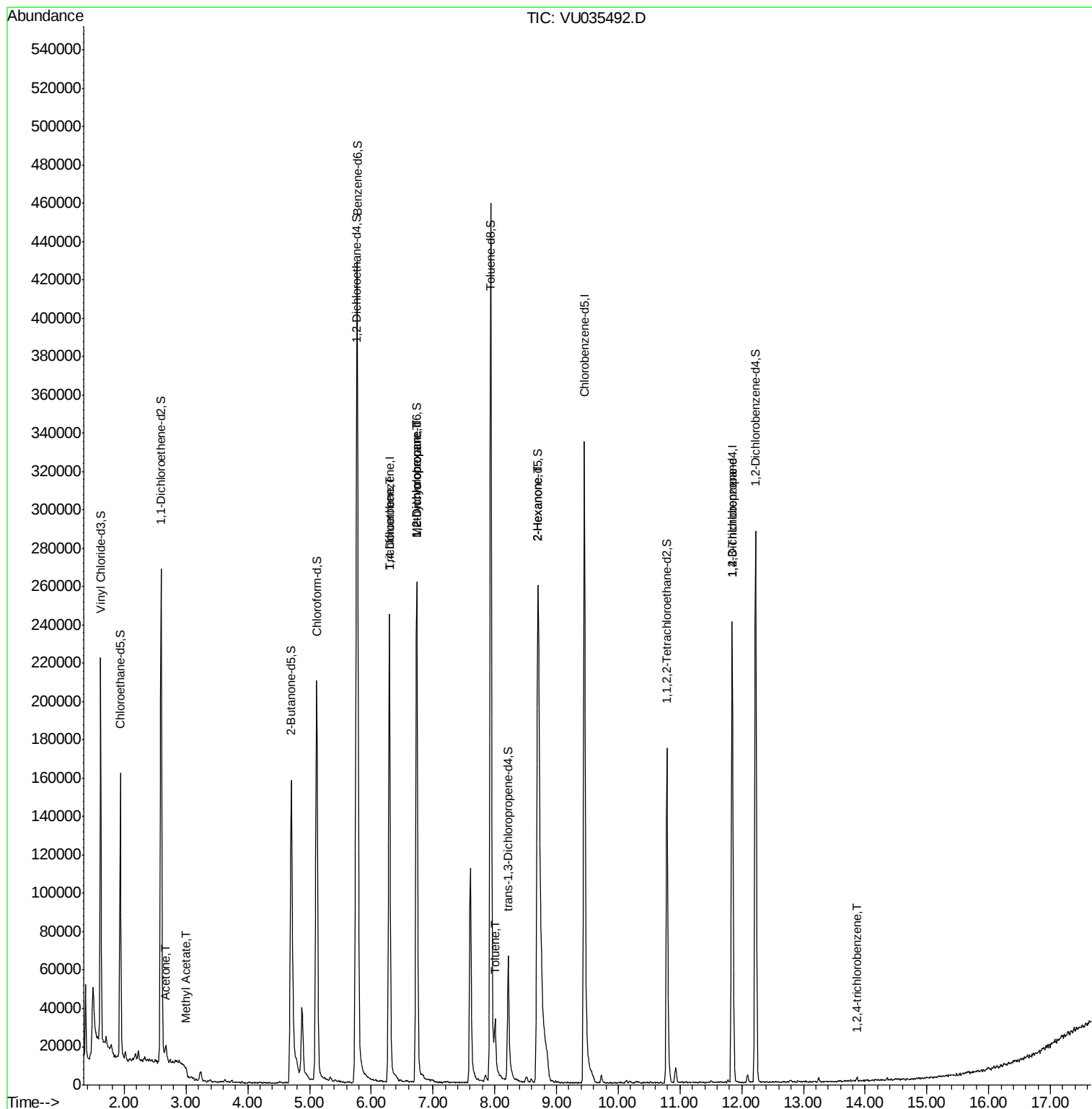
					Qvalue
13) Acetone	2.67	43	7835	1.986 ug/L	92
15) Methyl Acetate	3.00	43	4182	0.462 ug/L	99
34) Trichloroethene	6.30	95	3413	0.151 ug/L #	5
35) Methylcyclohexane	6.74	83	29158	0.831 ug/L #	15
37) 1,2-Dichloropropane	6.74	63	13999	0.574 ug/L #	87
42) Toluene	8.01	91	18154	0.193 ug/L	95
48) 2-Hexanone	8.70	43	19260	1.984 ug/L #	58
59) 1,2,3-Trichloropropane	11.84	75	9733	0.623 ug/L	93
68) 1,2,4-trichlorobenzene	13.86	180	767	0.085 ug/L #	91

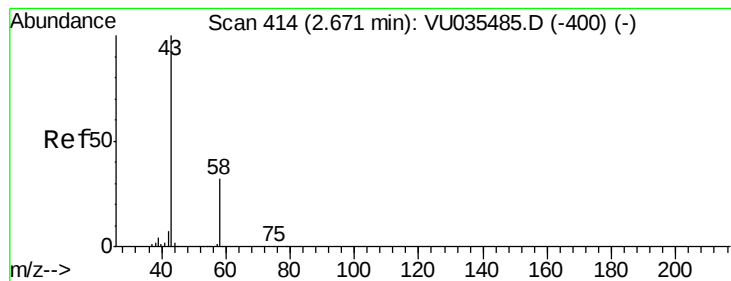
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.986 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

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Acq: 25 Oct 2019 17:32

Instrument :

MSVOA_U

ClientSampled :

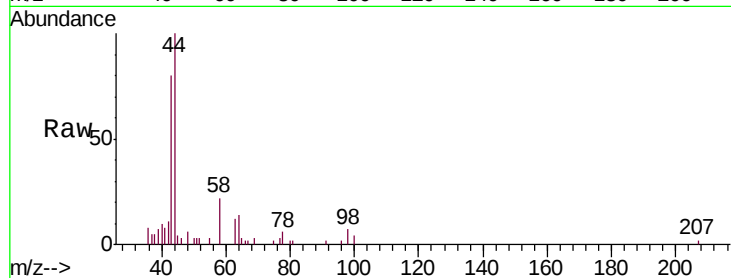
GAQ81

Tgt Ion: 43 Resp: 7835

Ion Ratio Lower Upper

43 100

58 36.1 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

5000

4000

3000

2000

1000

0

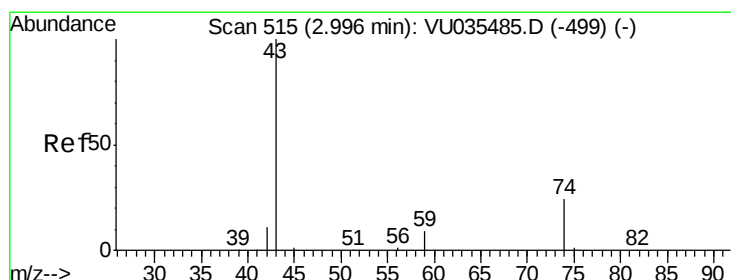
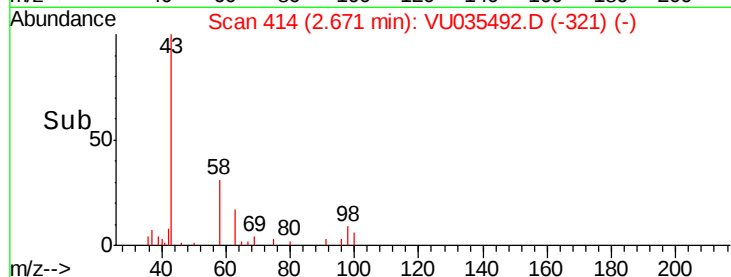
Time-->

2.60

2.65

2.70

2.75



#15

Methyl Acetate

Concen: 0.462 ug/L

RT: 3.00 min Scan# 516

Delta R.T. 0.00 min

Lab File: VU035492.D

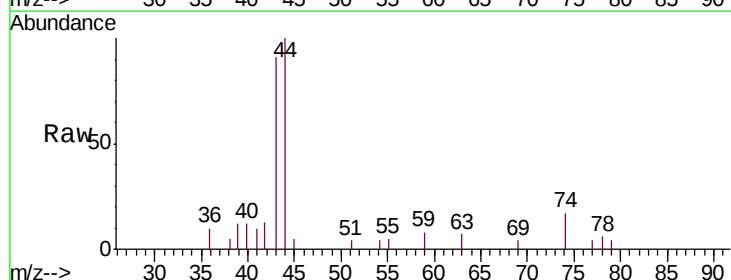
Acq: 25 Oct 2019 17:32

Tgt Ion: 43 Resp: 4182

Ion Ratio Lower Upper

43 100

74 23.8 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

3000

2500

2000

1500

1000

500

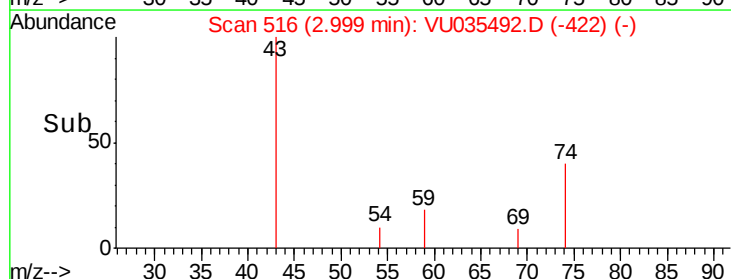
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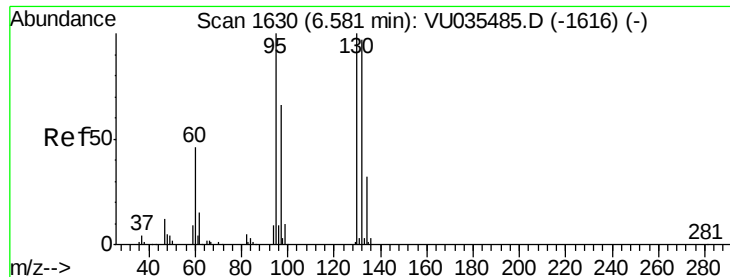
Time-->

2.95

3.00

3.05





#34

Trichloroethene

Concen: 0.151 ug/L

RT: 6.30 min Scan# 1542

Delta R.T. -0.28 min

Lab File: VU035492.D

Acq: 25 Oct 2019 17:32

Instrument :

MSVOA_U

ClientSampleId :

GAQ81

Tgt Ion: 95 Resp: 3413

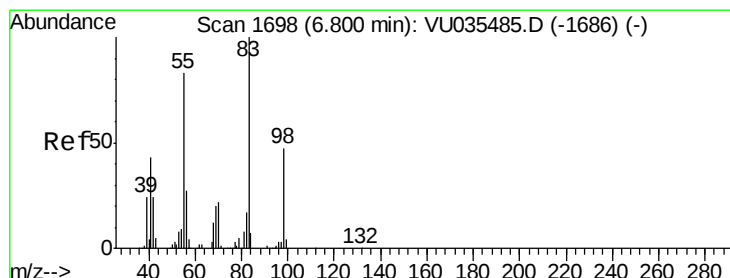
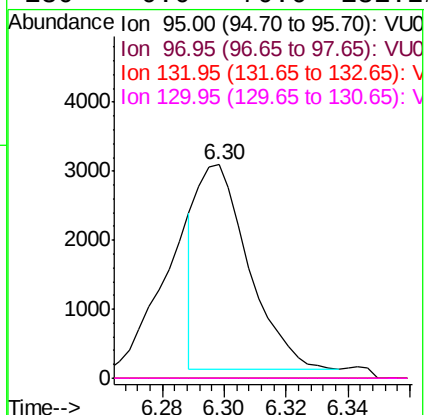
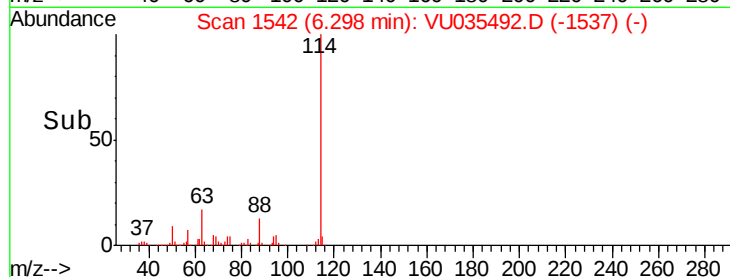
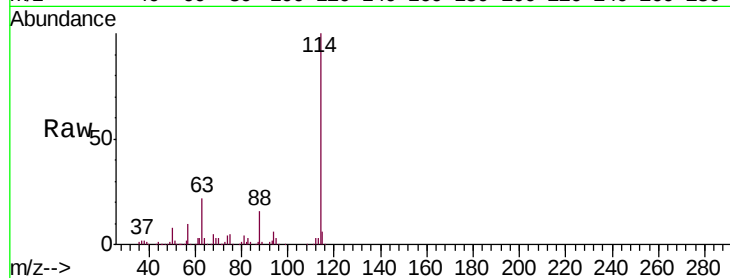
Ion Ratio Lower Upper

95 100

97 0.0 43.8 81.4#

132 0.0 67.3 124.9#

130 0.0 70.6 131.2#



#35

Methylcyclohexane

Concen: 0.831 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035492.D

Acq: 25 Oct 2019 17:32

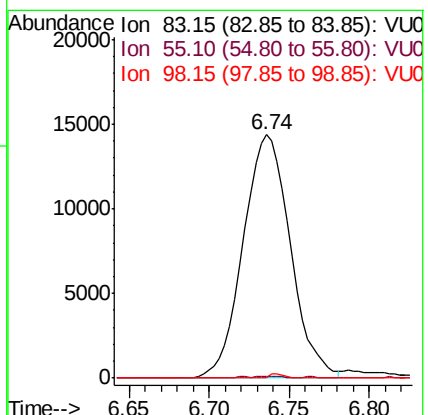
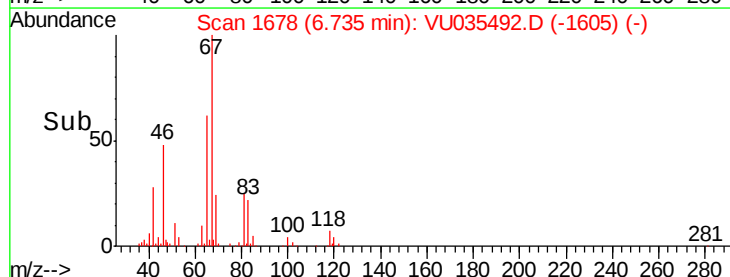
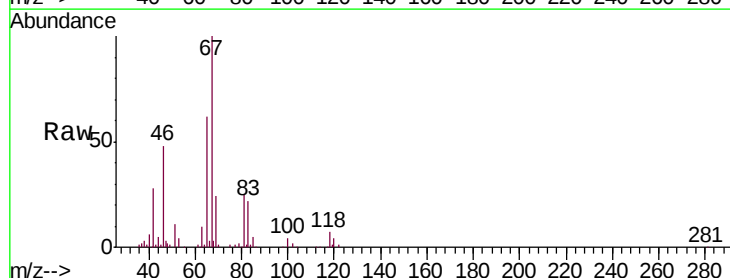
Tgt Ion: 83 Resp: 29158

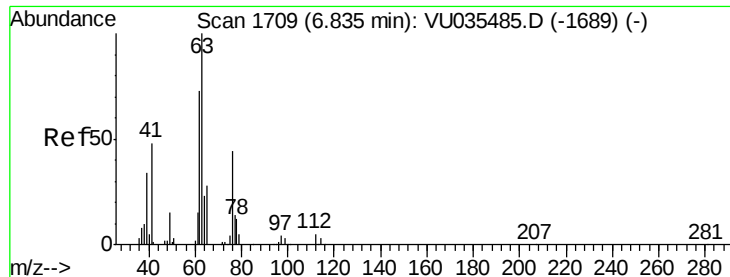
Ion Ratio Lower Upper

83 100

55 0.2 67.3 100.9#

98 0.6 39.0 58.6#

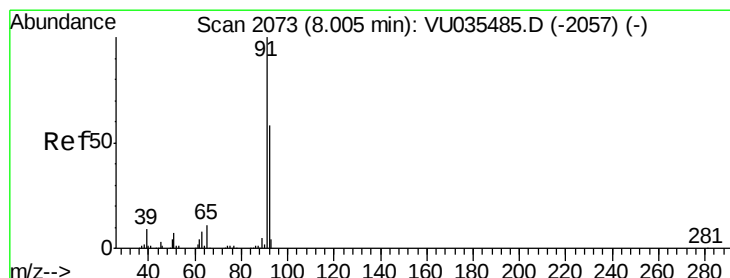
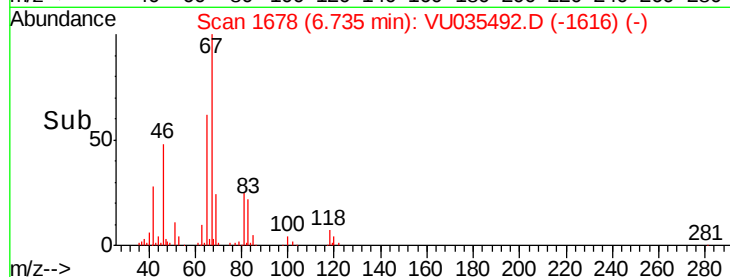
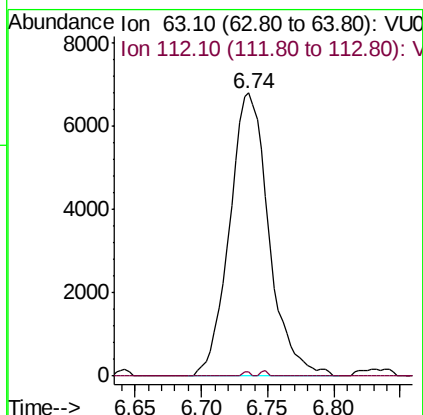
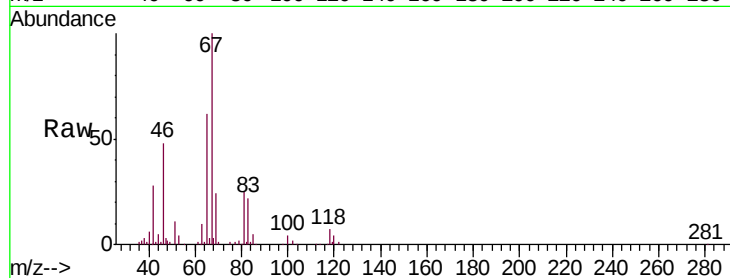




#37
 1,2-Dichloropropane
 Concen: 0.574 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035492.D
 Acq: 25 Oct 2019 17:32

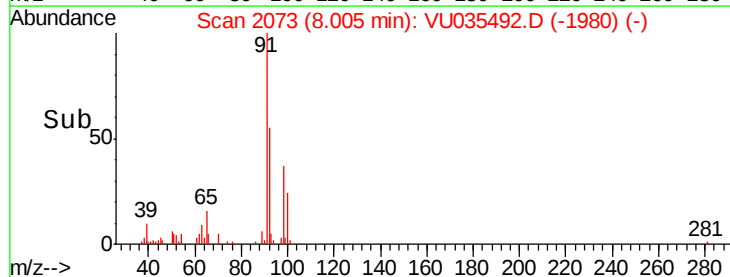
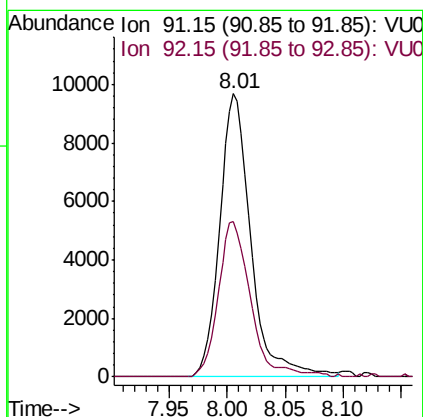
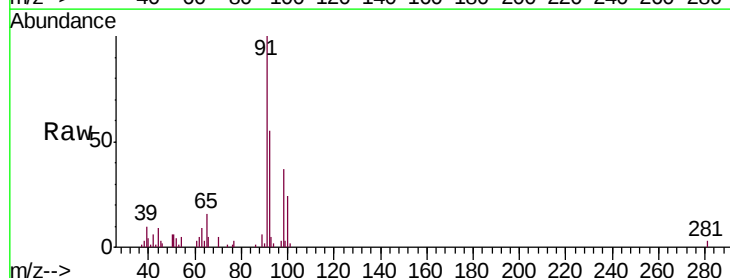
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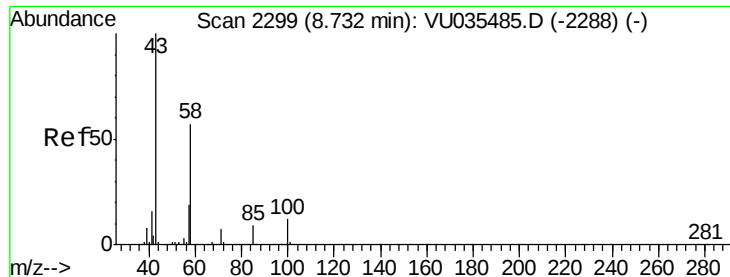
Tgt Ion: 63 Resp: 13999
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#42
 Toluene
 Concen: 0.193 ug/L
 RT: 8.01 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VU035492.D
 Acq: 25 Oct 2019 17:32

Tgt Ion: 91 Resp: 18154
 Ion Ratio Lower Upper
 91 100
 92 54.8 40.9 75.9

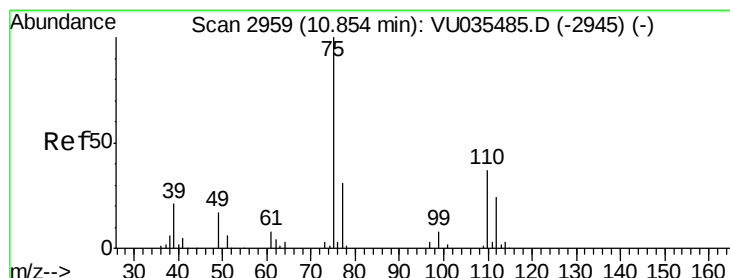
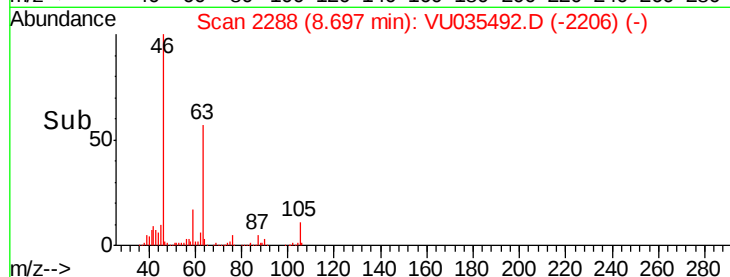
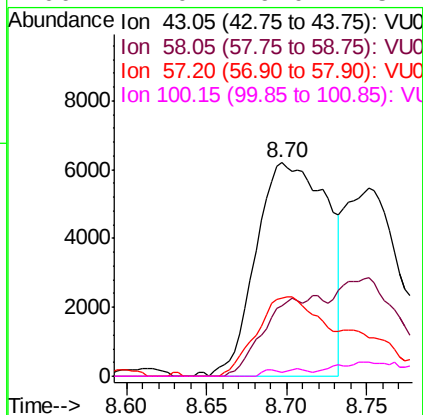
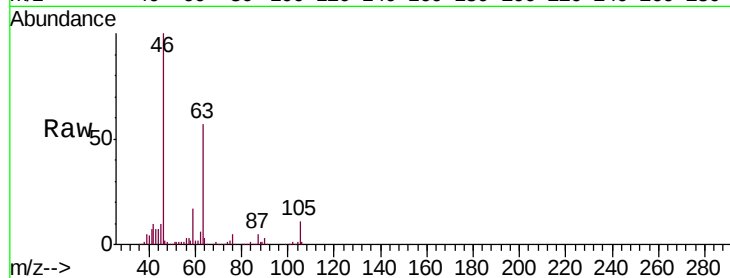




#48
 2-Hexanone
 Concen: 1.984 ug/L
 RT: 8.70 min Scan# 2288
 Delta R.T. -0.04 min
 Lab File: VU035492.D
 Acq: 25 Oct 2019 17:32

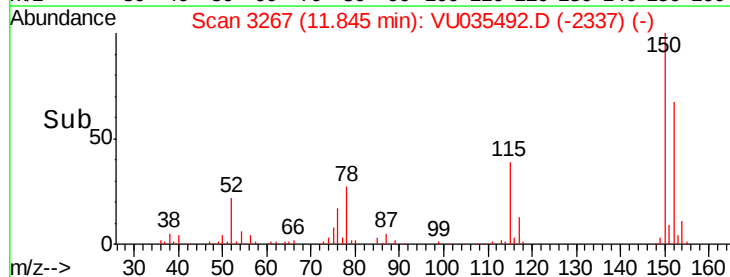
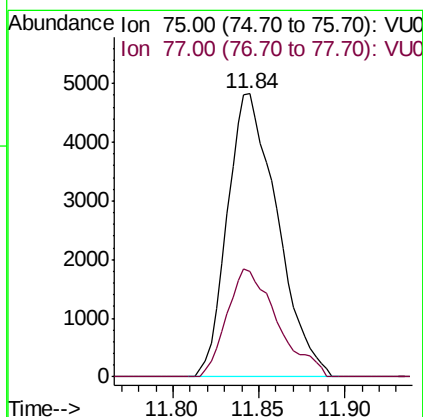
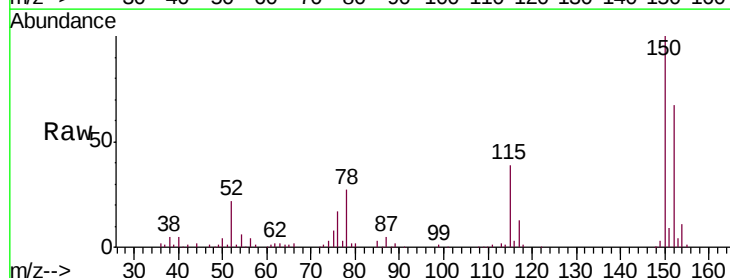
Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ81

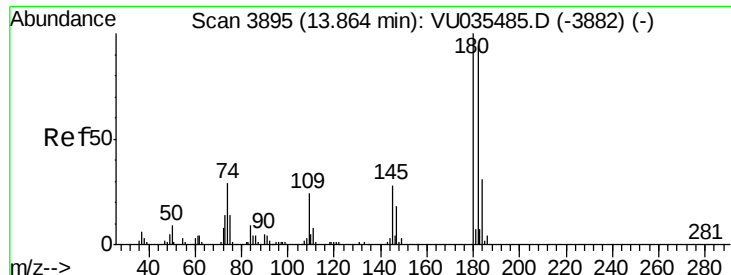
Tgt Ion:	43	Resp:	19260
Ion	Ratio	Lower	Upper
43	100		
58	20.0	43.1	64.7#
57	34.1	14.2	21.2#
100	1.0	9.0	13.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.623 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035492.D
 Acq: 25 Oct 2019 17:32

Tgt Ion:	75	Resp:	9733
Ion	Ratio	Lower	Upper
75	100		
77	38.4	27.4	41.0





#68
 1,2,4-trichlorobenzene
 Concen: 0.085 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.00 min
 Lab File: VU035492.D
 Acq: 25 Oct 2019 17:32

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ81

Tgt Ion:180 Resp: 767
 Ion Ratio Lower Upper
 180 100
 182 106.1 78.7 118.1
 145 22.7 23.4 35.2#

