

Data File : VU035496.D
Acq On : 25 Oct 2019 19:11
Operator : JC/SP
Sample : K5554-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQ85

Quant Time: Oct 26 04:11:14 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	192767	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	216968	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	75491	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	133189	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.93	69	108160	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.59	63	161374	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.70	46	248144	48.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	5.11	84	199370	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.75	65	105955	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.77	84	398110	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.74	67	131146	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.93	98	328960	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.22	79	46530	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.70	63	186177	49.76	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.52%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	100124	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	91128	5.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.60%

Target Compounds

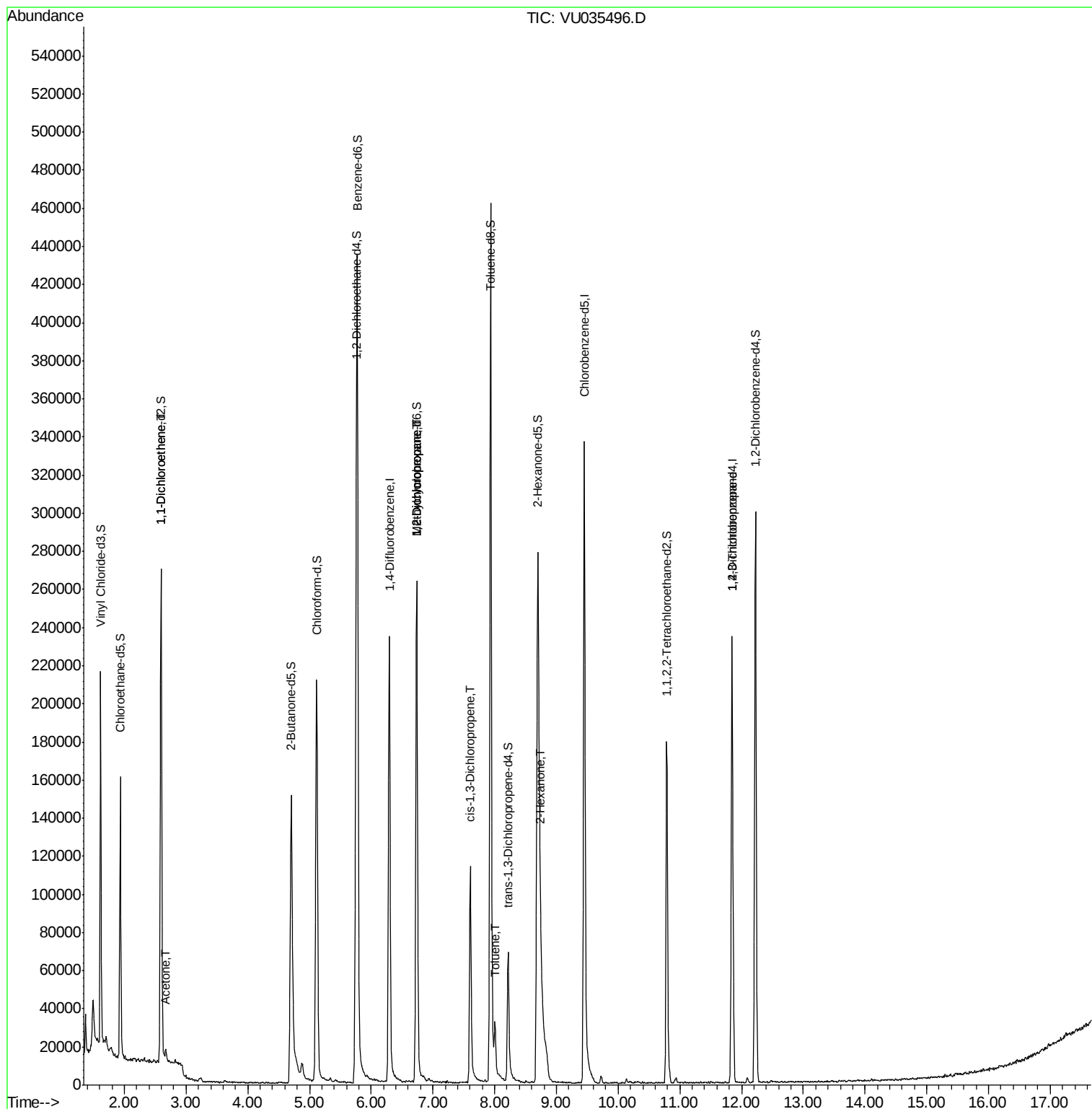
					Qvalue	
12) 1,1-Dichloroethene	2.60	96	1295	0.071	ug/L #	1
13) Acetone	2.67	43	6983	1.812	ug/L	100
35) Methylcyclohexane	6.74	83	30173	0.918	ug/L #	16
37) 1,2-Dichloropropane	6.74	63	14228	0.623	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3257	0.102	ug/L #	58
42) Toluene	8.01	91	17715	0.201	ug/L	97
48) 2-Hexanone	8.74	43	16573	1.823	ug/L #	84
59) 1,2,3-Trichloropropane	11.85	75	9482	0.648	ug/L	93

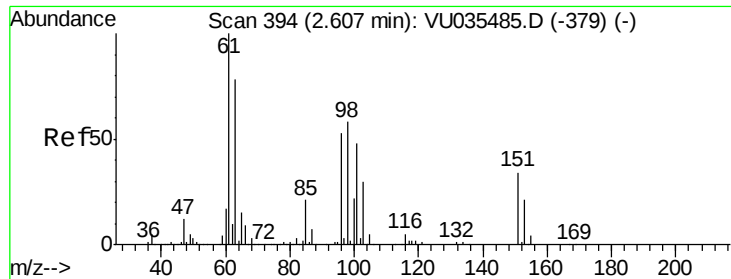
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035496.D
Acq On : 25 Oct 2019 19:11
Operator : JC/SP
Sample : K5554-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQ85

Quant Time: Oct 26 04:11:14 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





#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU035496.D

Acq: 25 Oct 2019 19:11

Instrument :

MSVOA_U

ClientSampleId :

GAQ85

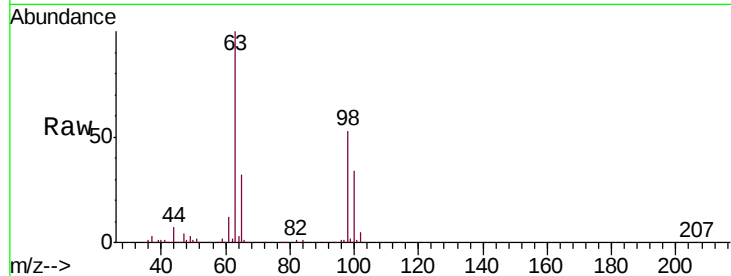
Tgt Ion: 96 Resp: 1295

Ion Ratio Lower Upper

96 100

61 1426.5 131.9 244.9#

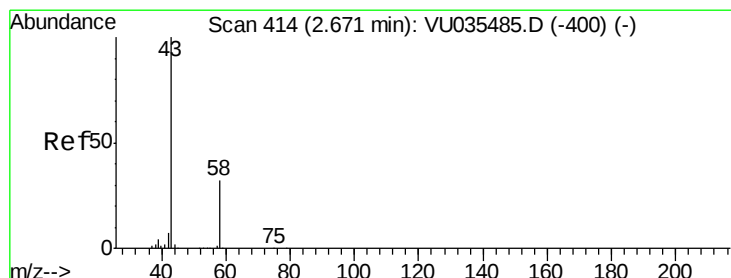
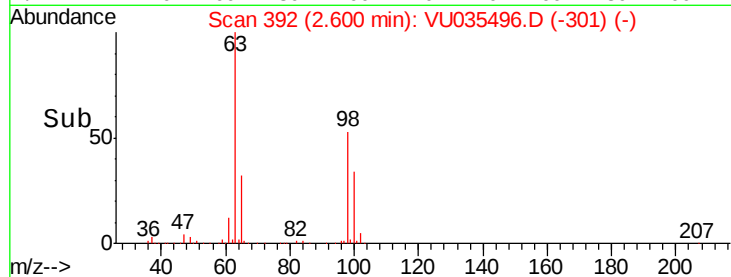
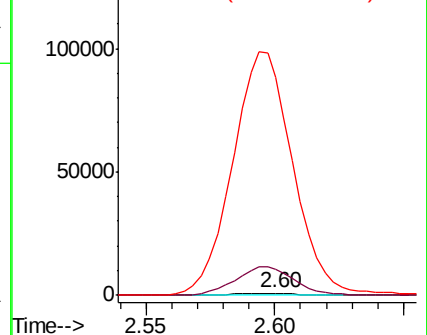
63 11743.3 97.0 180.2#



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: 1.812 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU035496.D

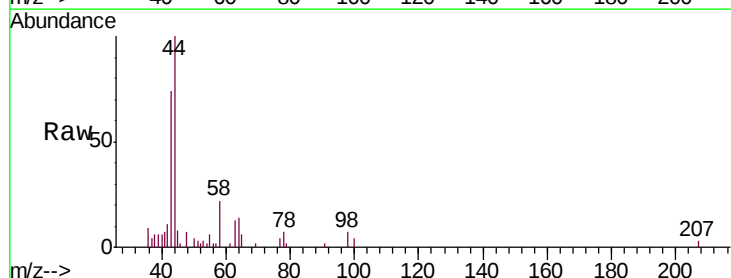
Acq: 25 Oct 2019 19:11

Tgt Ion: 43 Resp: 6983

Ion Ratio Lower Upper

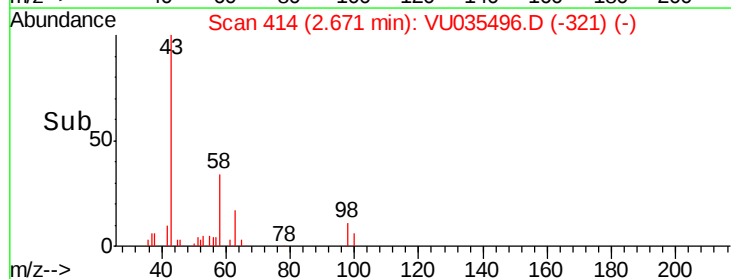
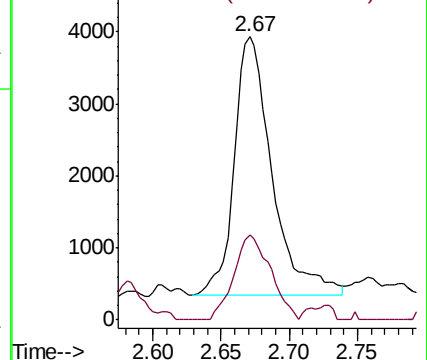
43 100

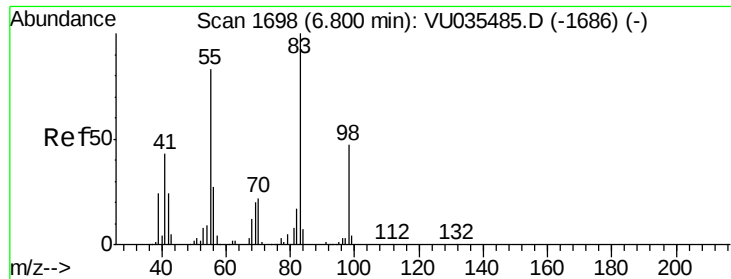
58 31.6 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

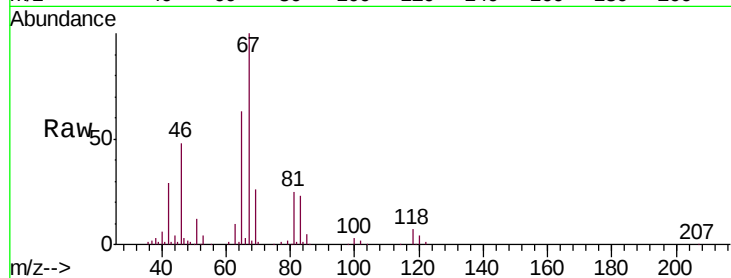




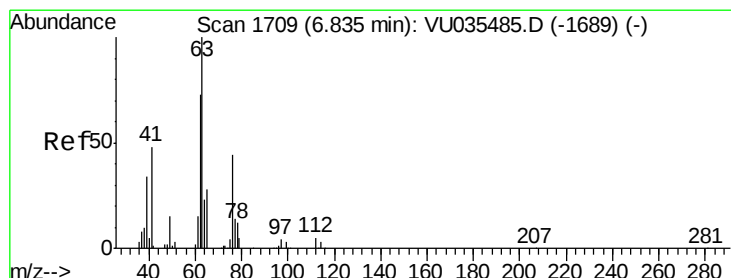
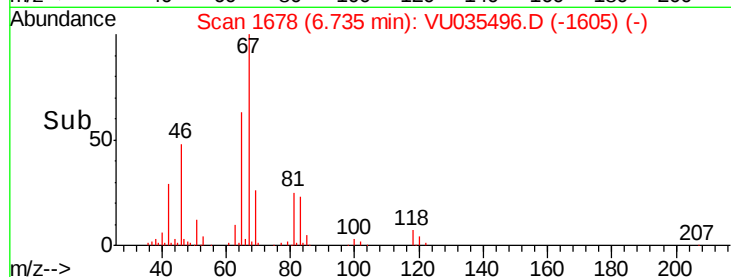
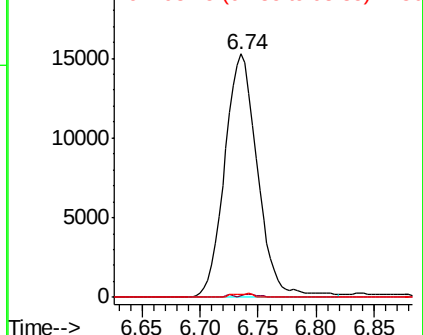
#35
Methylcyclohexane
Concen: 0.918 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035496.D
Acq: 25 Oct 2019 19:11

Instrument :
MSVOA_U
ClientSampleId :
GAQ85

Tgt Ion: 83 Resp: 30173
Ion Ratio Lower Upper
83 100
55 0.6 67.3 100.9#
98 0.8 39.0 58.6#

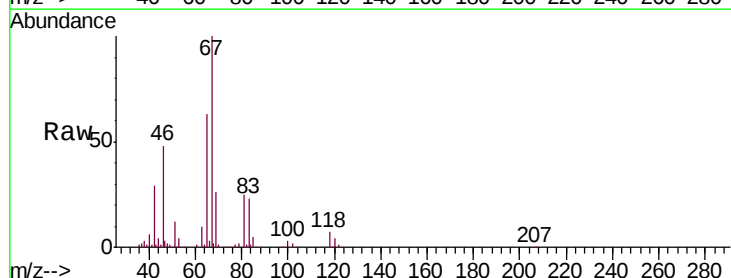


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

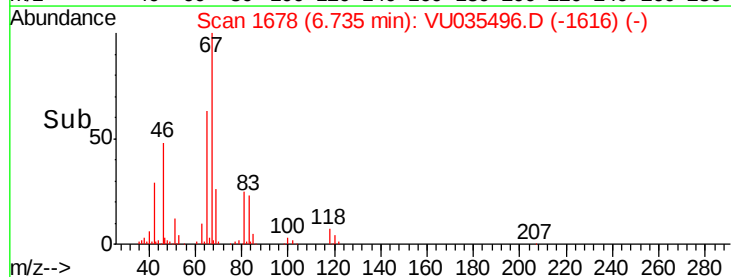
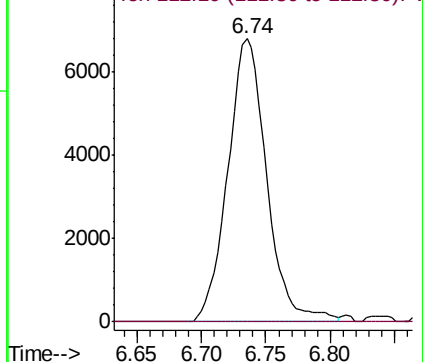


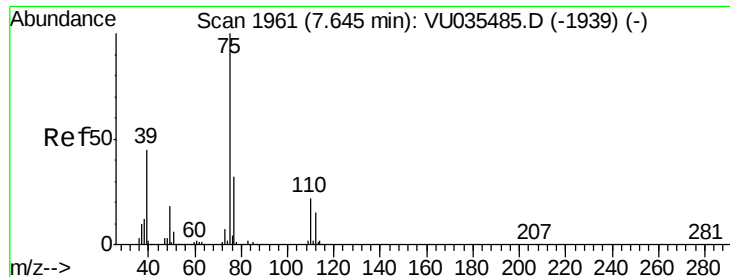
#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035496.D
Acq: 25 Oct 2019 19:11

Tgt Ion: 63 Resp: 14228
Ion Ratio Lower Upper
63 100
112 0.0 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: 0.102 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035496.D

Acq: 25 Oct 2019 19:11

Instrument :

MSVOA_U

ClientSampleId :

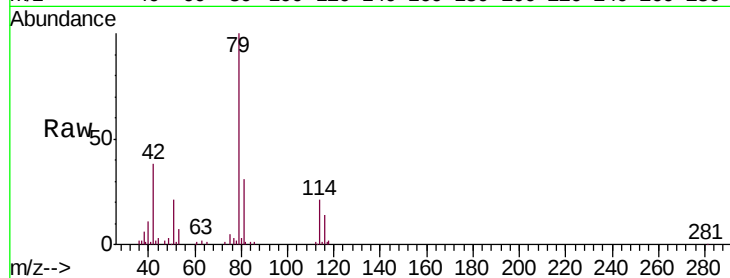
GAQ85

Tgt Ion: 75 Resp: 3257

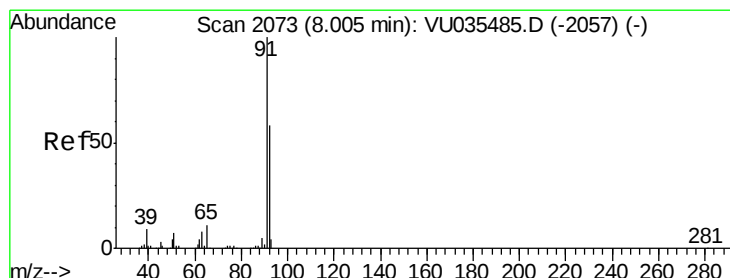
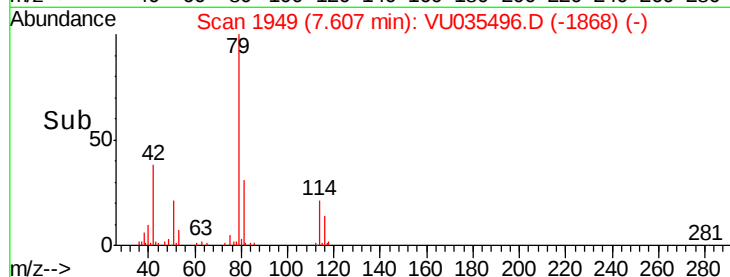
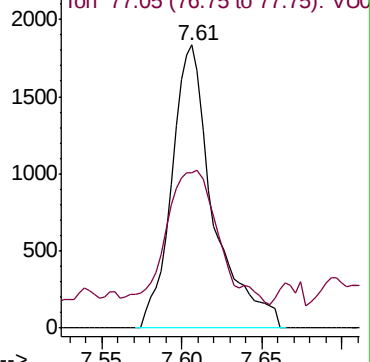
Ion Ratio Lower Upper

75 100

77 54.7 22.0 40.8#



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



#42

Toluene

Concen: 0.201 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035496.D

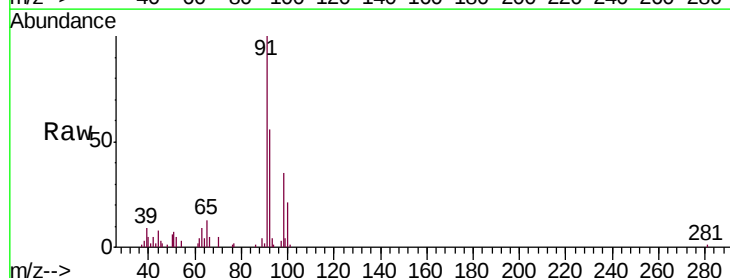
Acq: 25 Oct 2019 19:11

Tgt Ion: 91 Resp: 17715

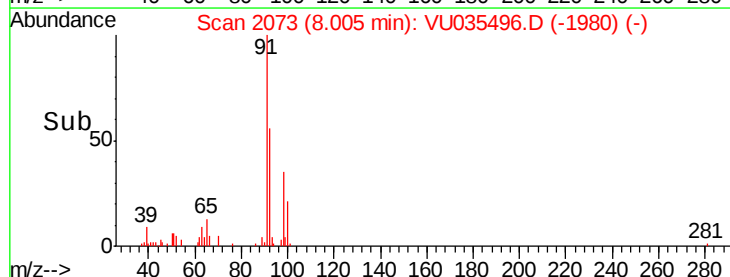
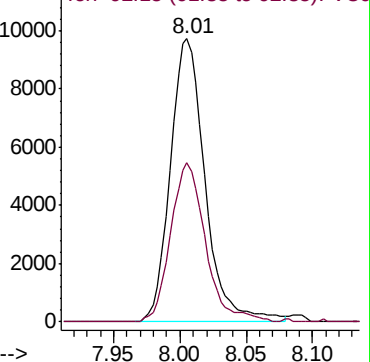
Ion Ratio Lower Upper

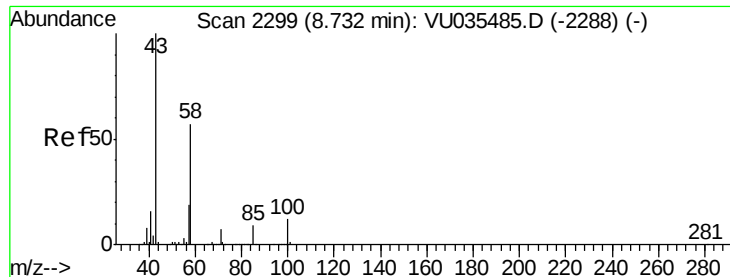
91 100

92 56.3 40.9 75.9



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

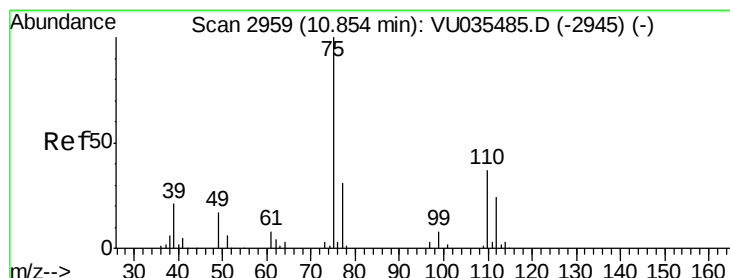
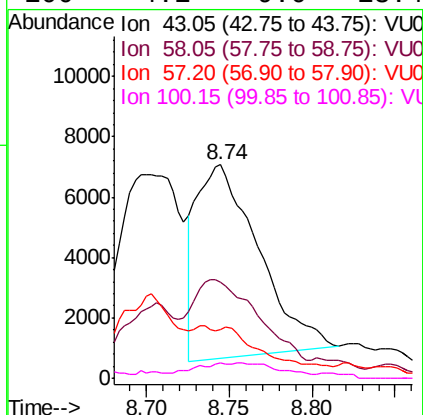
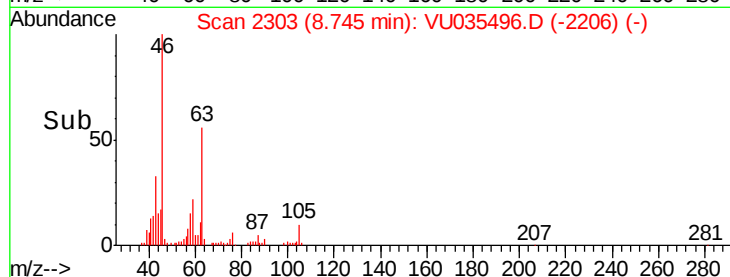
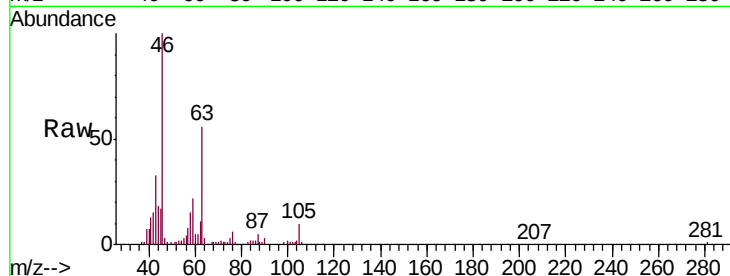




#48
 2-Hexanone
 Concen: 1.823 ug/L
 RT: 8.74 min Scan# 2303
 Delta R.T. 0.01 min
 Lab File: VU035496.D
 Acq: 25 Oct 2019 19:11

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ85

Tgt Ion: 43 Resp: 16573
 Ion Ratio Lower Upper
 43 100
 58 48.2 43.1 64.7
 57 0.0 14.2 21.2#
 100 4.1 9.0 13.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.648 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. 0.99 min
 Lab File: VU035496.D
 Acq: 25 Oct 2019 19:11

Tgt Ion: 75 Resp: 9482
 Ion Ratio Lower Upper
 75 100
 77 38.4 27.4 41.0

