

Data File : VU035499.D
Acq On : 25 Oct 2019 20:25
Operator : JC/SP
Sample : K5554-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQ88

Quant Time: Oct 26 04:11:36 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	201098	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	224212	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	78034	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	132196	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.93	69	110967	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.60	63	164303	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.70	46	260028	49.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.24%
24) Chloroform-d	5.11	84	198366	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.75	65	104840	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.77	84	398222	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.74	67	133019	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.93	98	325982	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.22	79	46347	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.70	63	172008	44.49	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.98%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	99335	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	88329	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

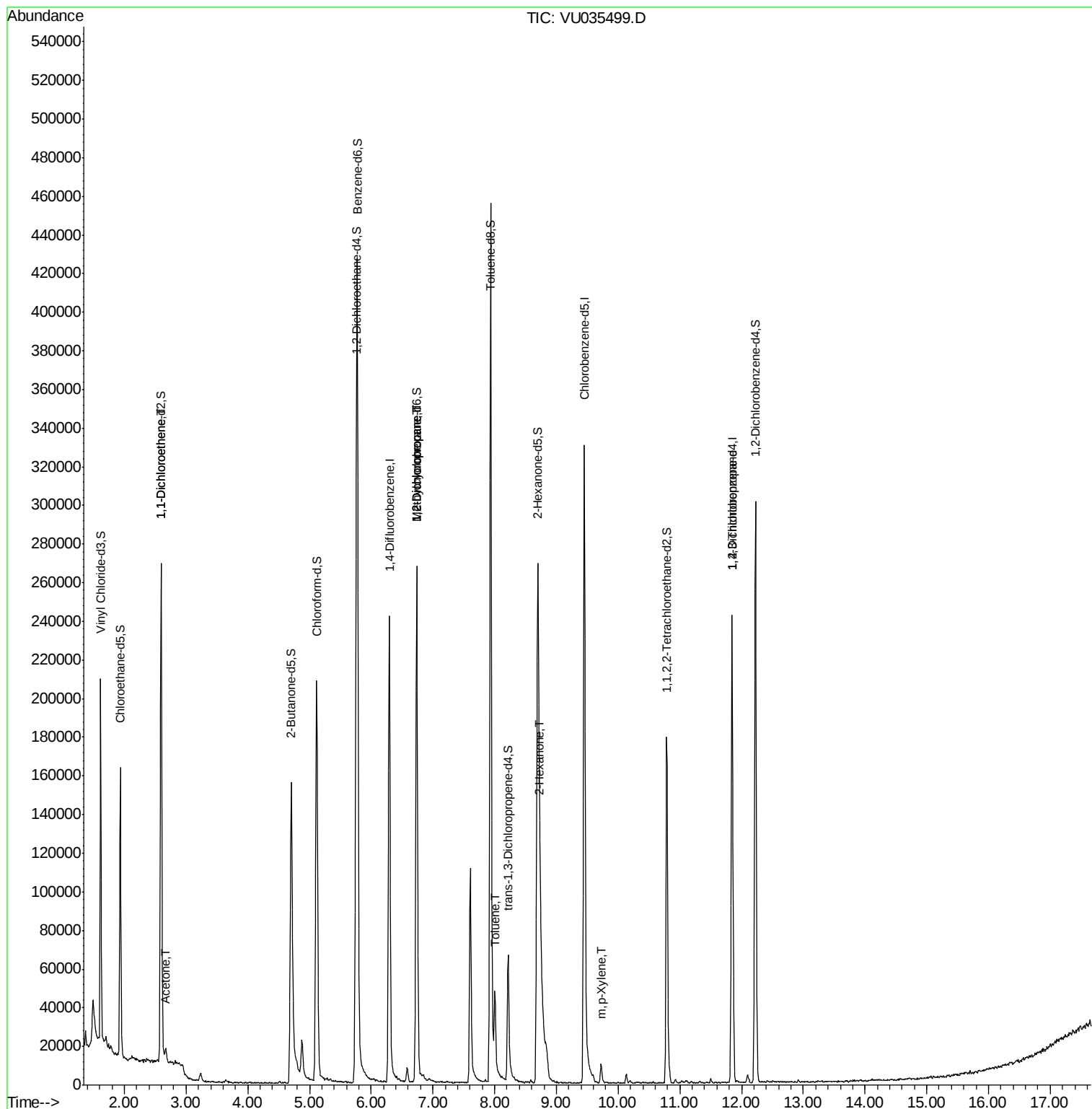
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1369	0.072 ug/L #	1
13) Acetone	2.67	43	7520	1.870 ug/L	100
35) Methylcyclohexane	6.74	83	30211	0.890 ug/L #	16
37) 1,2-Dichloropropane	6.74	63	14145	0.600 ug/L #	87
42) Toluene	8.01	91	28388	0.311 ug/L	99
48) 2-Hexanone	8.74	43	16658	1.773 ug/L #	84
53) m,p-Xylene	9.72	106	3191	0.092 ug/L	85
59) 1,2,3-Trichloropropane	11.84	75	10047	0.664 ug/L	95

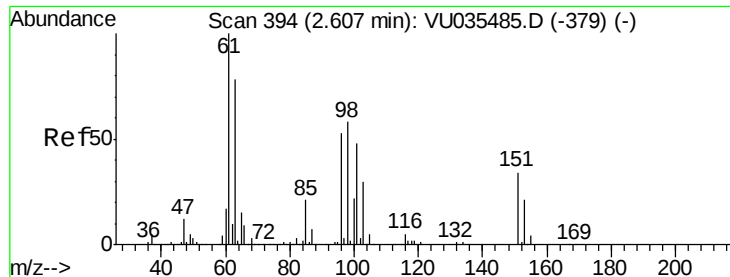
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035499.D

Acq: 25 Oct 2019 20:25

Instrument :

MSVOA_U

ClientSampleId :

GAQ88

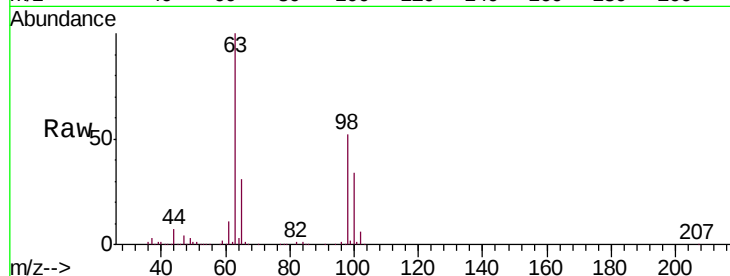
Tgt Ion: 96 Resp: 1369

Ion Ratio Lower Upper

96 100

61 1333.9 131.9 244.9#

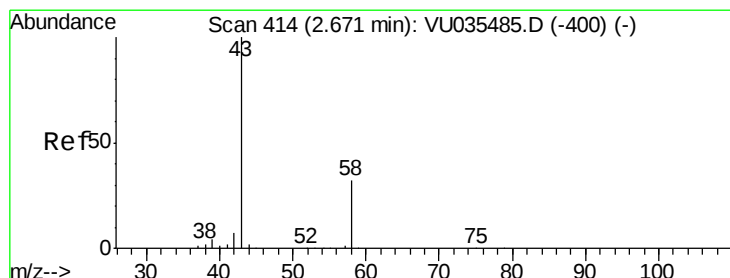
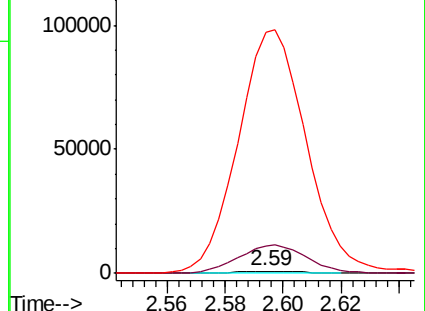
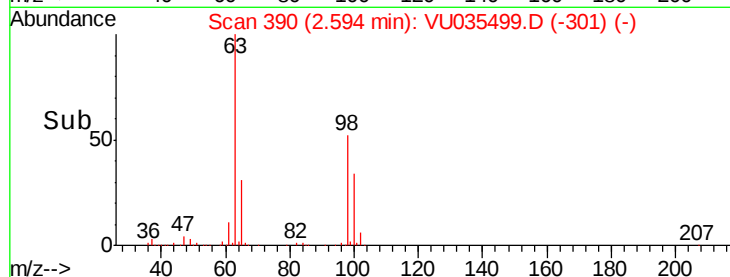
63 11927.5 97.0 180.2#



Abundance Ion 96.00 (95.70 to 96.70): VU035499.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU035499.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035499.D (-301) (-)



#13

Acetone

Concen: 1.870 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU035499.D

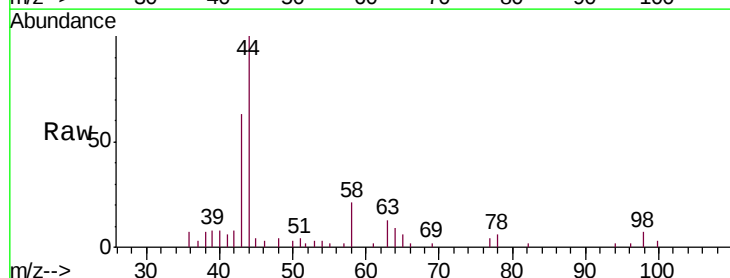
Acq: 25 Oct 2019 20:25

Tgt Ion: 43 Resp: 7520

Ion Ratio Lower Upper

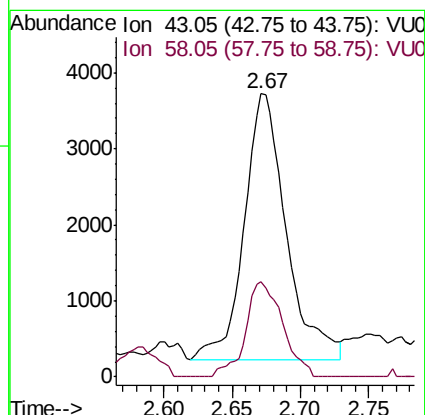
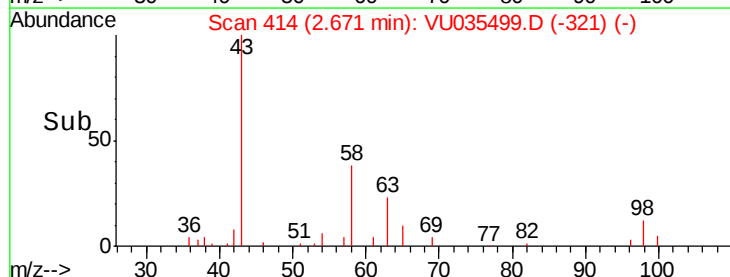
43 100

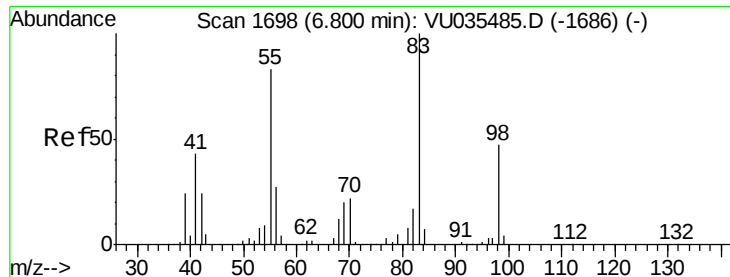
58 31.4 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU035499.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU035499.D (-321) (-)

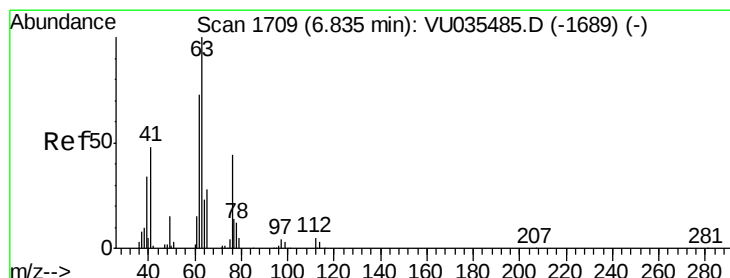
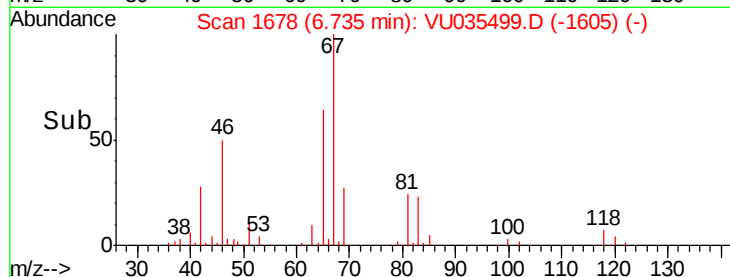
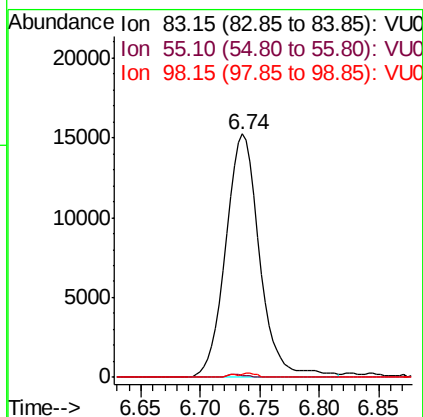
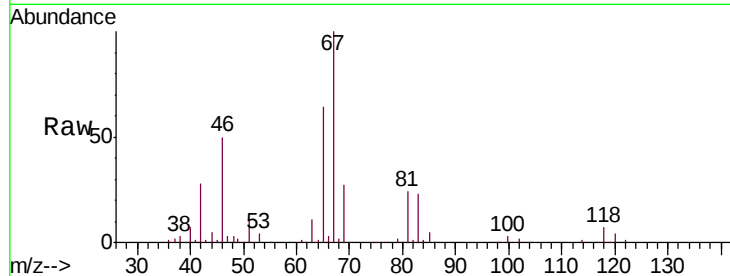




#35
Methylcyclohexane
Concen: 0.890 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035499.D
Acq: 25 Oct 2019 20:25

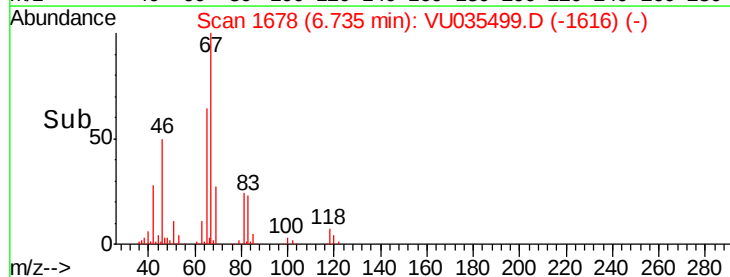
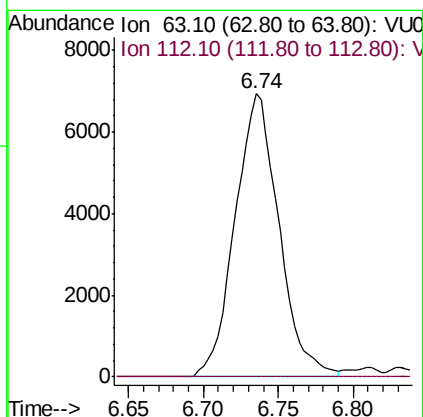
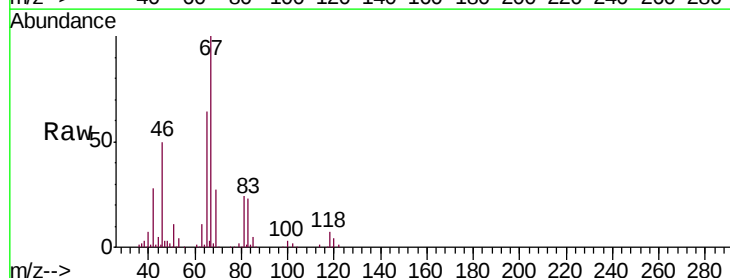
Instrument :
MSVOA_U
ClientSampled :
GAQ88

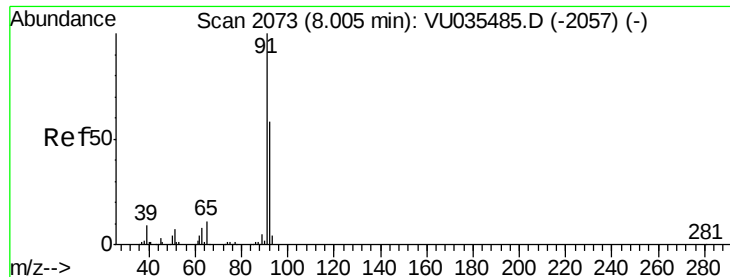
Tgt Ion: 83 Resp: 30211
Ion Ratio Lower Upper
83 100
55 0.7 67.3 100.9#
98 1.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035499.D
Acq: 25 Oct 2019 20:25

Tgt Ion: 63 Resp: 14145
Ion Ratio Lower Upper
63 100
112 0.1 3.6 5.4#





#42

Toluene

Concen: 0.311 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035499.D

Acq: 25 Oct 2019 20:25

Instrument :

MSVOA_U

ClientSampleId :

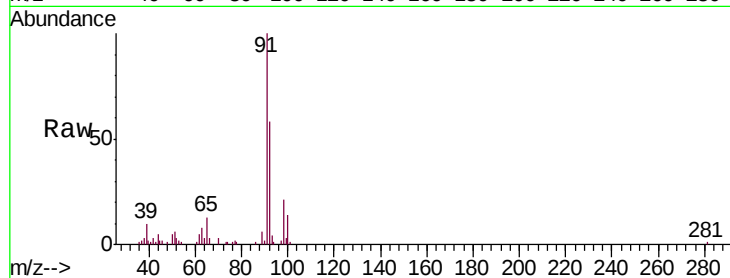
GAQ88

Tgt Ion: 91 Resp: 28388

Ion Ratio Lower Upper

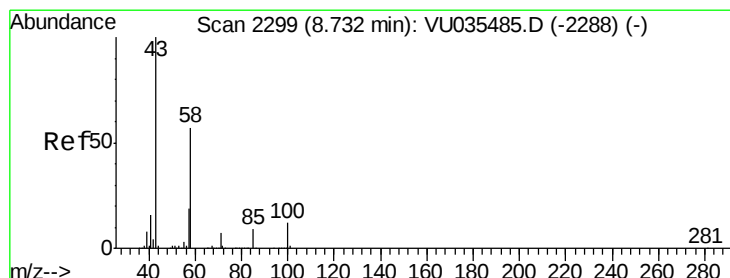
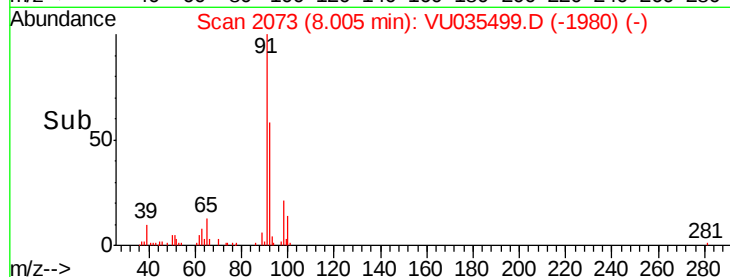
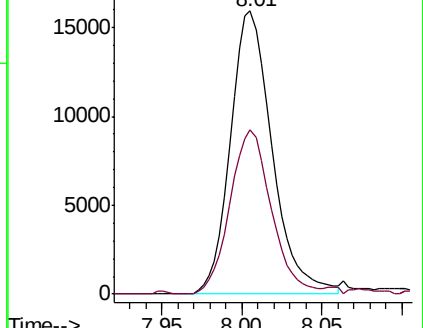
91 100

92 57.9 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: 1.773 ug/L

RT: 8.74 min Scan# 2302

Delta R.T. 0.01 min

Lab File: VU035499.D

Acq: 25 Oct 2019 20:25

Tgt Ion: 43 Resp: 16658

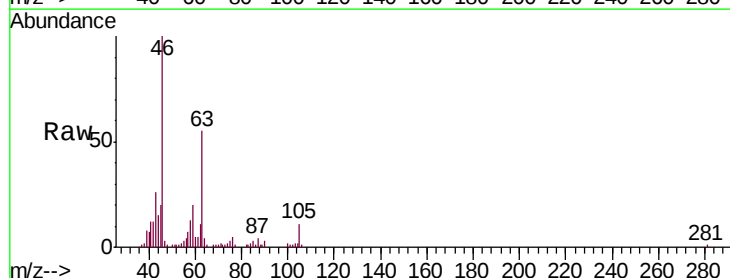
Ion Ratio Lower Upper

43 100

58 44.5 43.1 64.7

57 7.5 14.2 21.2#

100 3.3 9.0 13.4#

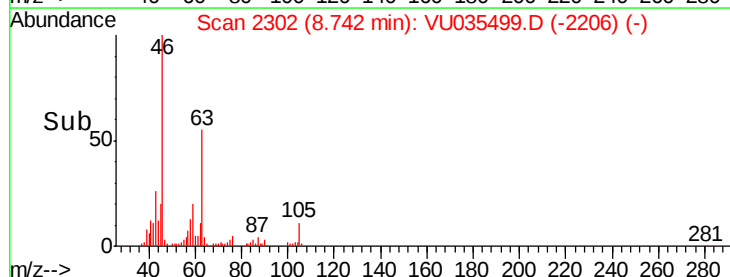
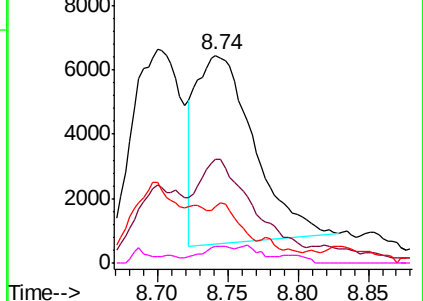


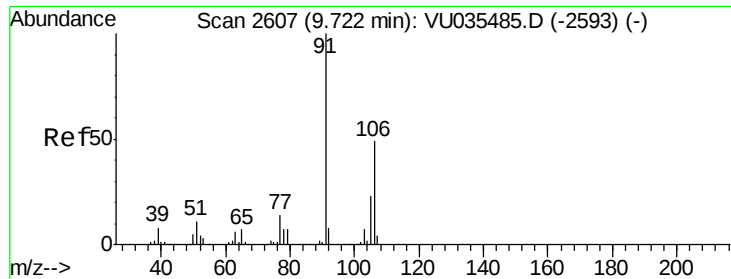
Abundance Ion 43.05 (42.75 to 43.75): VU035485.D (-2288) (-)

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) (-)





#53

m,p-Xylene

Concen: 0.092 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035499.D

Acq: 25 Oct 2019 20:25

Instrument :

MSVOA_U

ClientSampleId :

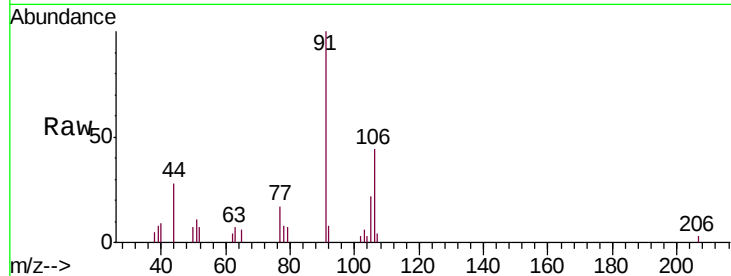
GAQ88

Tgt Ion: 106 Resp: 3191

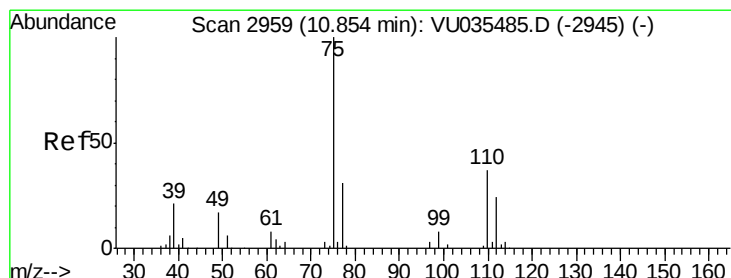
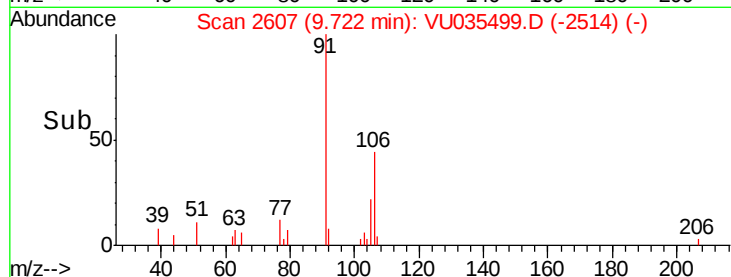
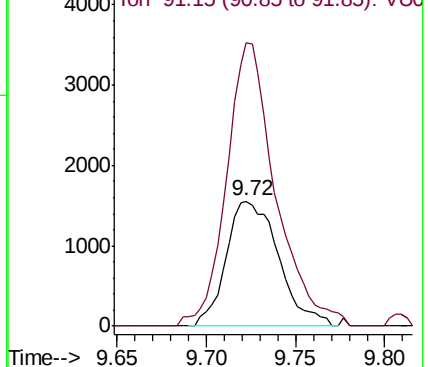
Ion Ratio Lower Upper

106 100

91 226.5 142.3 264.3



Abundance Ion 106.15 (105.85 to 106.85): VU035485.D (-2593) (-)



#59

1,2,3-Trichloropropane

Concen: 0.664 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035499.D

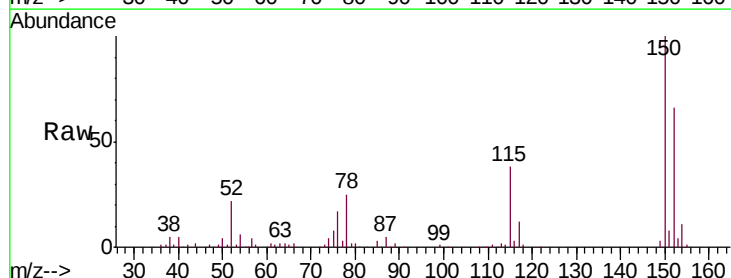
Acq: 25 Oct 2019 20:25

Tgt Ion: 75 Resp: 10047

Ion Ratio Lower Upper

75 100

77 37.3 27.4 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU035485.D (-2945) (-)

