

Data File : VU035497.D
Acq On : 25 Oct 2019 19:36
Operator : JC/SP
Sample : K5554-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQ86

Quant Time: Oct 26 04:11:21 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	194894	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	220440	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	75204	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	125290	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.93	69	105062	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.59	63	154920	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.70	46	252150	49.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.30%
24) Chloroform-d	5.11	84	166653	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.75	65	103197	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.77	84	381690	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.74	67	126462	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.93	98	317402	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.22	79	44003	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.70	63	179666	47.27	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.54%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	97599	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	85830	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

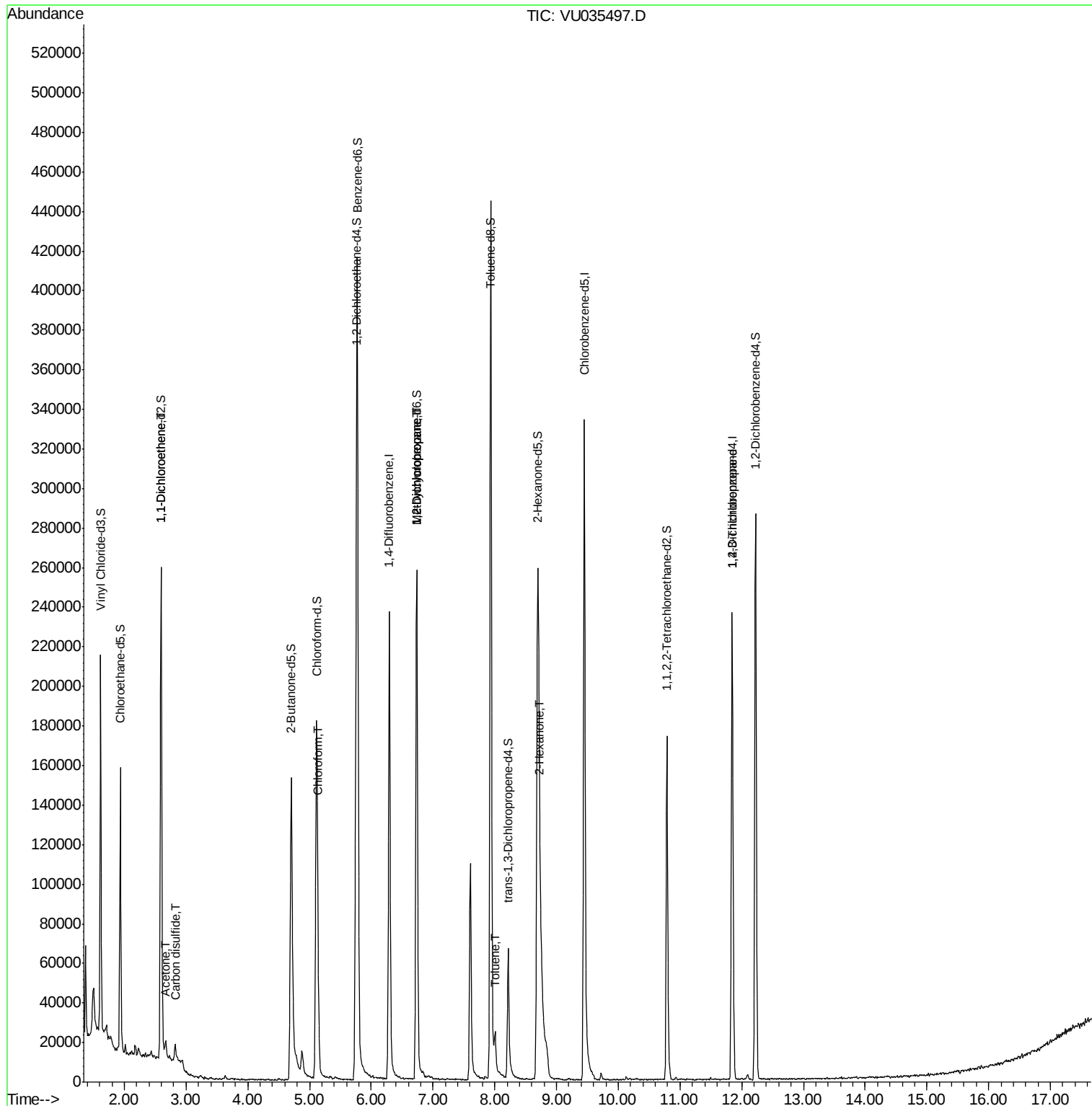
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1267	0.068 ug/L #	1
13) Acetone	2.67	43	7587	1.947 ug/L	94
14) Carbon disulfide	2.82	76	10133	0.154 ug/L #	85
25) Chloroform	5.14	83	22904	0.542 ug/L	95
35) Methylcyclohexane	6.74	83	28935	0.867 ug/L #	16
37) 1,2-Dichloropropane	6.74	63	13719	0.591 ug/L #	86
42) Toluene	8.01	91	12132	0.135 ug/L	98
48) 2-Hexanone	8.74	43	17006	1.841 ug/L #	83
59) 1,2,3-Trichloropropane	11.84	75	9108	0.613 ug/L	93

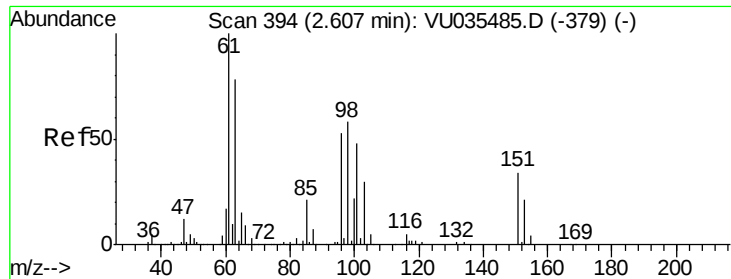
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035497.D

Acq: 25 Oct 2019 19:36

Instrument :

MSVOA_U

ClientSampleId :

GAQ86

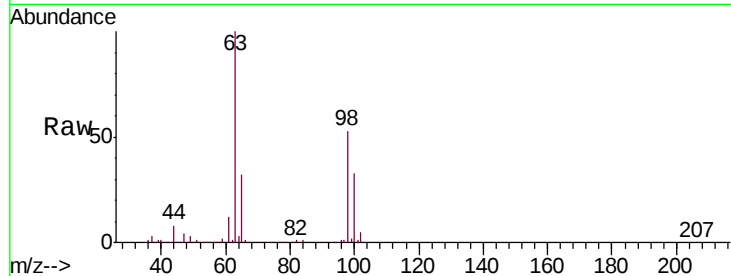
Tgt Ion: 96 Resp: 1267

Ion Ratio Lower Upper

96 100

61 1637.7 131.9 244.9#

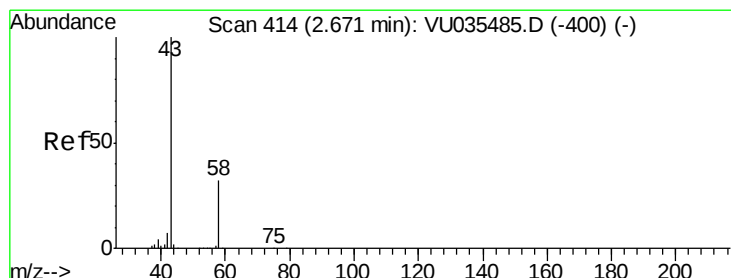
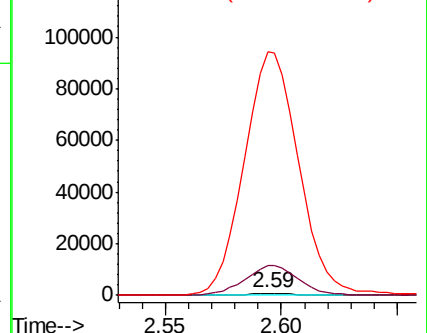
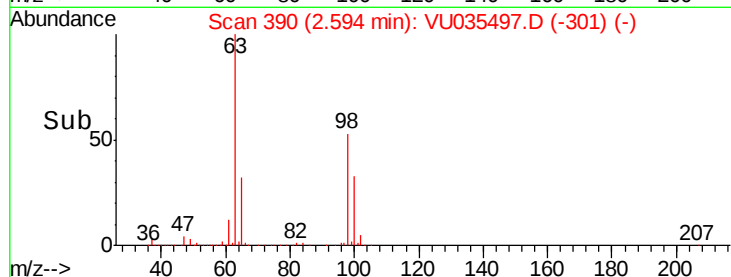
63 13448.2 97.0 180.2#



Abundance Ion 96.00 (95.70 to 96.70): VU035497.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU035497.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035497.D (-301) (-)



#13

Acetone

Concen: 1.947 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU035497.D

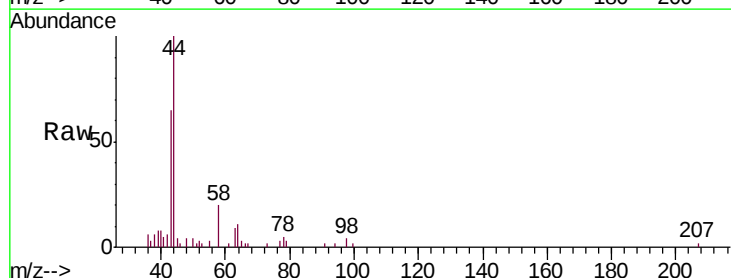
Acq: 25 Oct 2019 19:36

Tgt Ion: 43 Resp: 7587

Ion Ratio Lower Upper

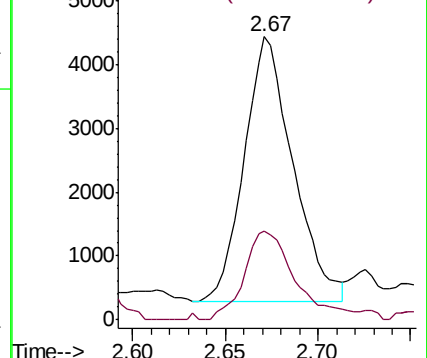
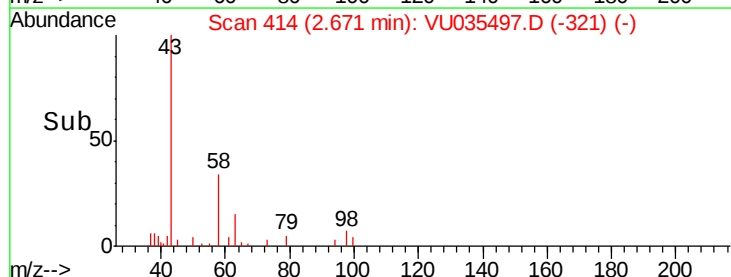
43 100

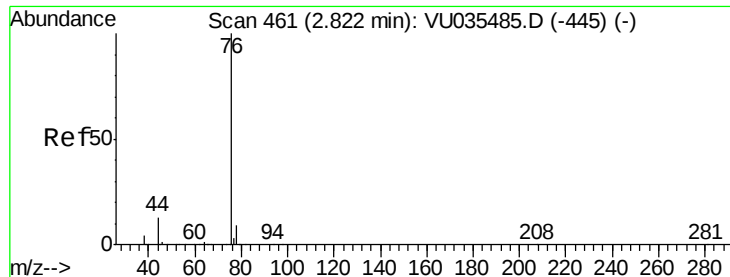
58 34.9 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU035497.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU035497.D (-321) (-)





#14

Carbon disulfide

Concen: 0.154 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035497.D

Acq: 25 Oct 2019 19:36

Instrument :

MSVOA_U

ClientSampleId :

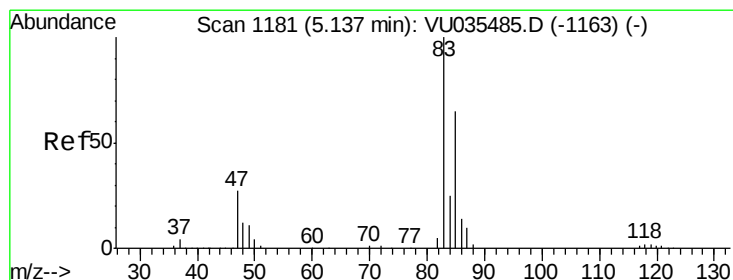
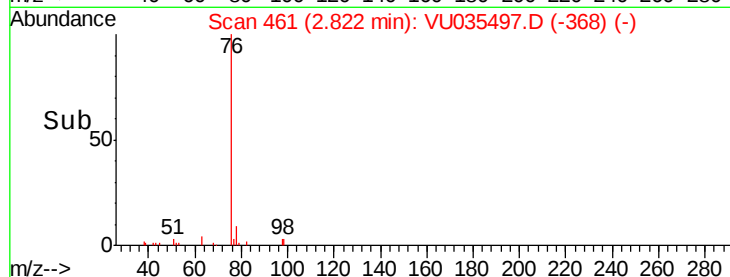
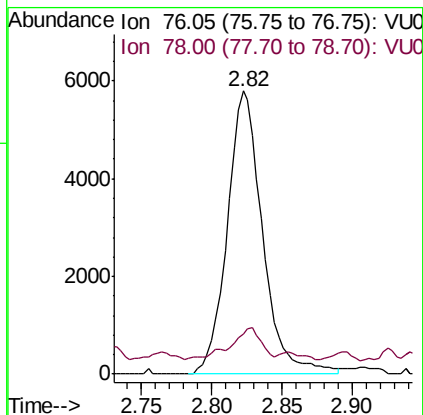
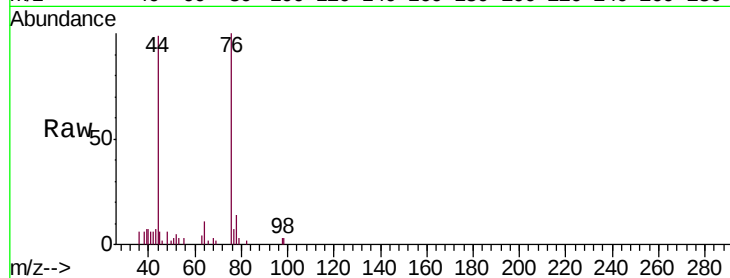
GAQ86

Tgt Ion: 76 Resp: 10133

Ion Ratio Lower Upper

76 100

78 14.4 7.3 10.9#



#25

Chloroform

Concen: 0.542 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035497.D

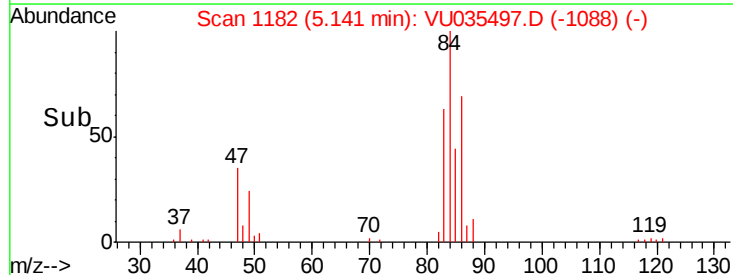
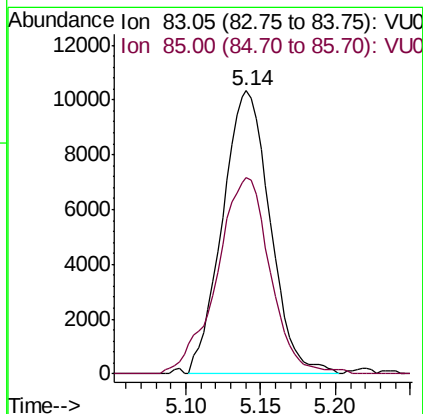
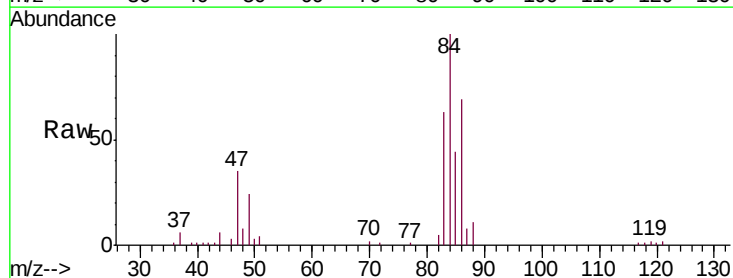
Acq: 25 Oct 2019 19:36

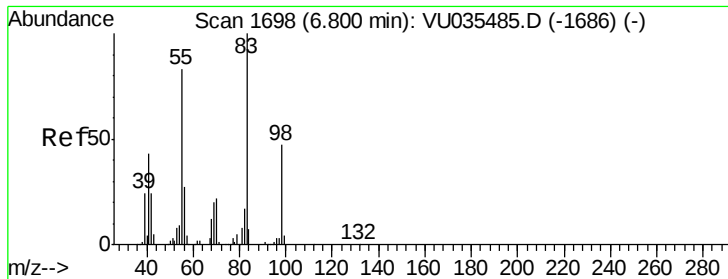
Tgt Ion: 83 Resp: 22904

Ion Ratio Lower Upper

83 100

85 69.6 45.7 84.9

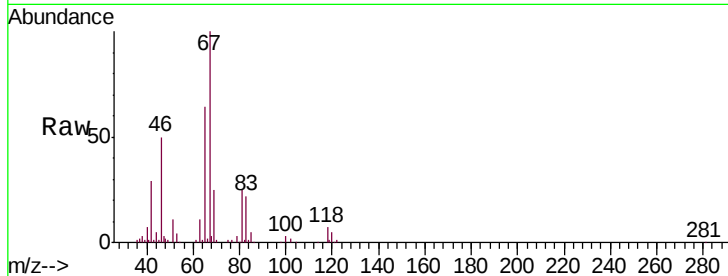




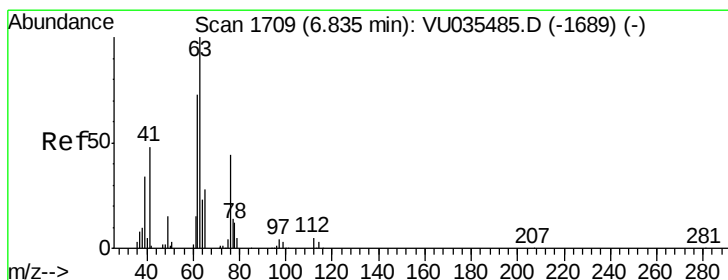
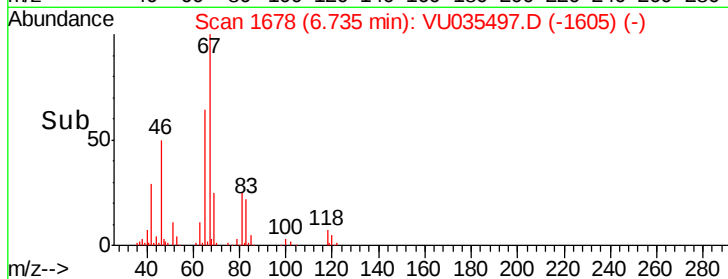
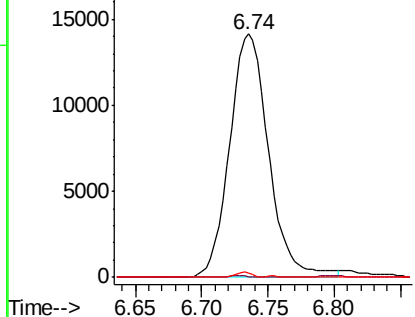
#35
Methylcyclohexane
Concen: 0.867 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035497.D
Acq: 25 Oct 2019 19:36

Instrument :
MSVOA_U
ClientSampleId :
GAQ86

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	67.3	100.9#
98	0.9	39.0	58.6#

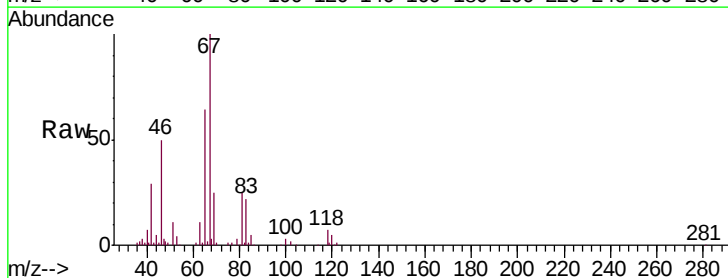


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

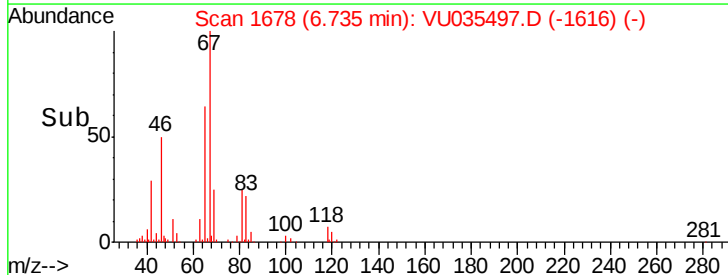
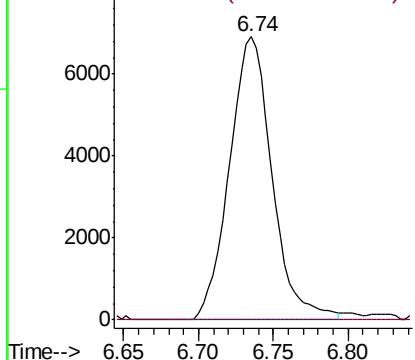


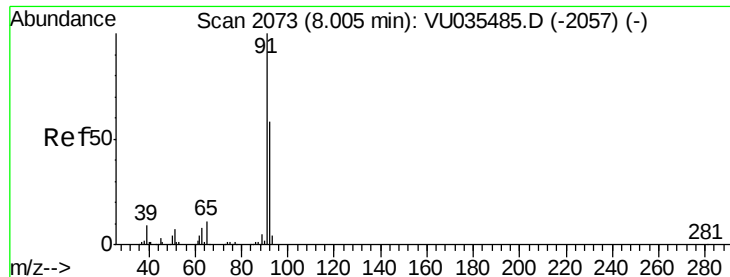
#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035497.D
Acq: 25 Oct 2019 19:36

Tgt 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





#42

Toluene

Concen: 0.135 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035497.D

Acq: 25 Oct 2019 19:36

Instrument :

MSVOA_U

ClientSampleId :

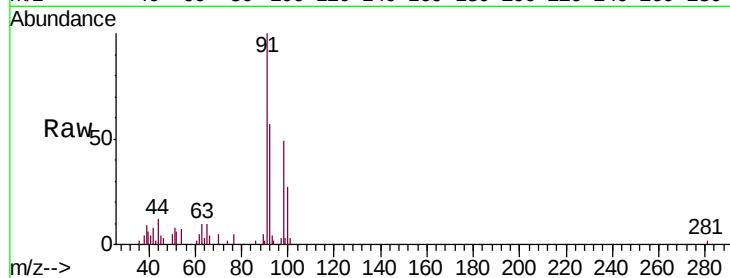
GAQ86

Tgt Ion: 91 Resp: 12132

Ion Ratio Lower Upper

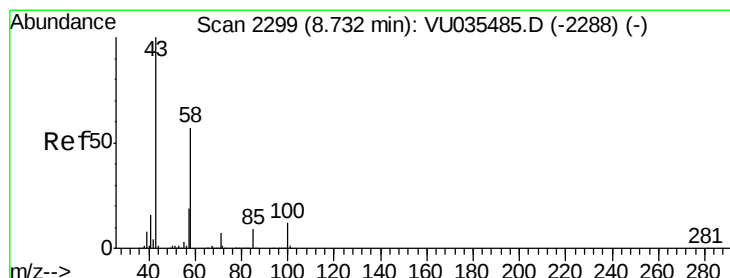
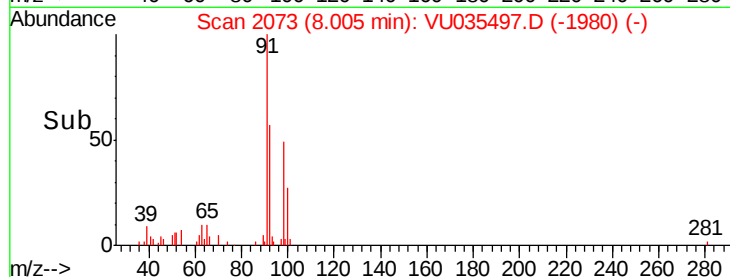
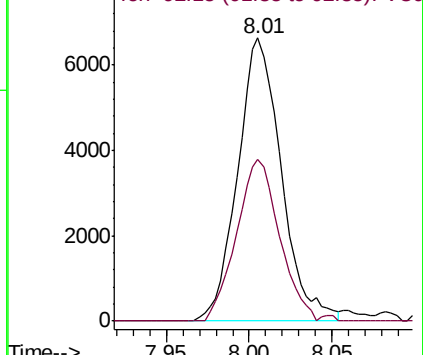
91 100

92 57.0 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: 1.841 ug/L

RT: 8.74 min Scan# 2301

Delta R.T. 0.01 min

Lab File: VU035497.D

Acq: 25 Oct 2019 19:36

Tgt Ion: 43 Resp: 17006

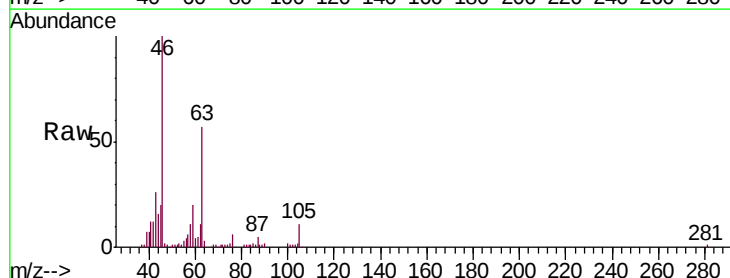
Ion Ratio Lower Upper

43 100

58 47.6 43.1 64.7

57 0.0 14.2 21.2#

100 4.8 9.0 13.4#

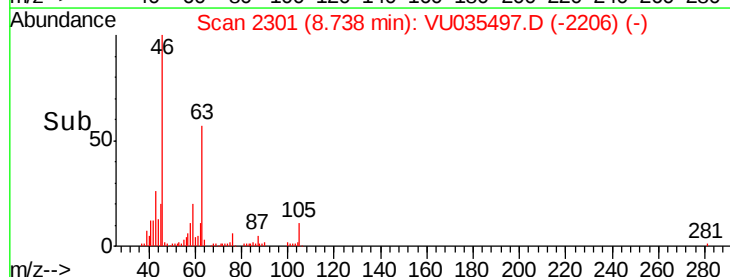
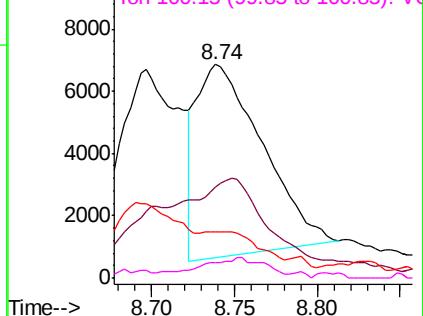


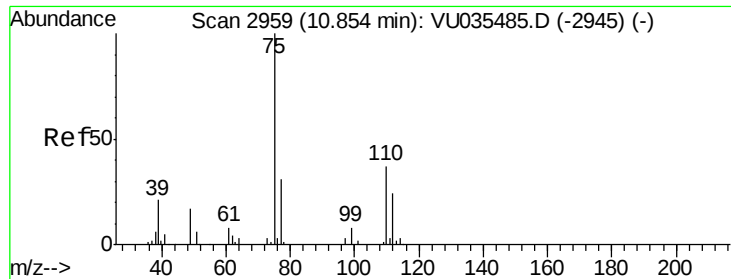
Abundance Ion 43.05 (42.75 to 43.75): VU035485.D (-2288) (-)

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: 0.613 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035497.D

Acq: 25 Oct 2019 19:36

Instrument :

MSVOA_U

ClientSampleId :

GAQ86

Tgt Ion: 75 Resp: 9108

Ion Ratio Lower Upper

75 100

77 38.0 27.4 41.0

