

Data File : VU035493.D
Acq On : 25 Oct 2019 17:57
Operator : JC/SP
Sample : K5554-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQ82

Quant Time: Oct 26 04:10:50 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	196861	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	220990	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	74331	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	136853	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.94	69	112030	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.59	63	168059	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.70	46	254033	49.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.04%
24) Chloroform-d	5.11	84	198739	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.75	65	108062	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.77	84	415346	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.74	67	134037	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.93	98	331815	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.22	79	47365	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.70	63	187554	49.22	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.44%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102486	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	91974	6.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.40%#

Target Compounds

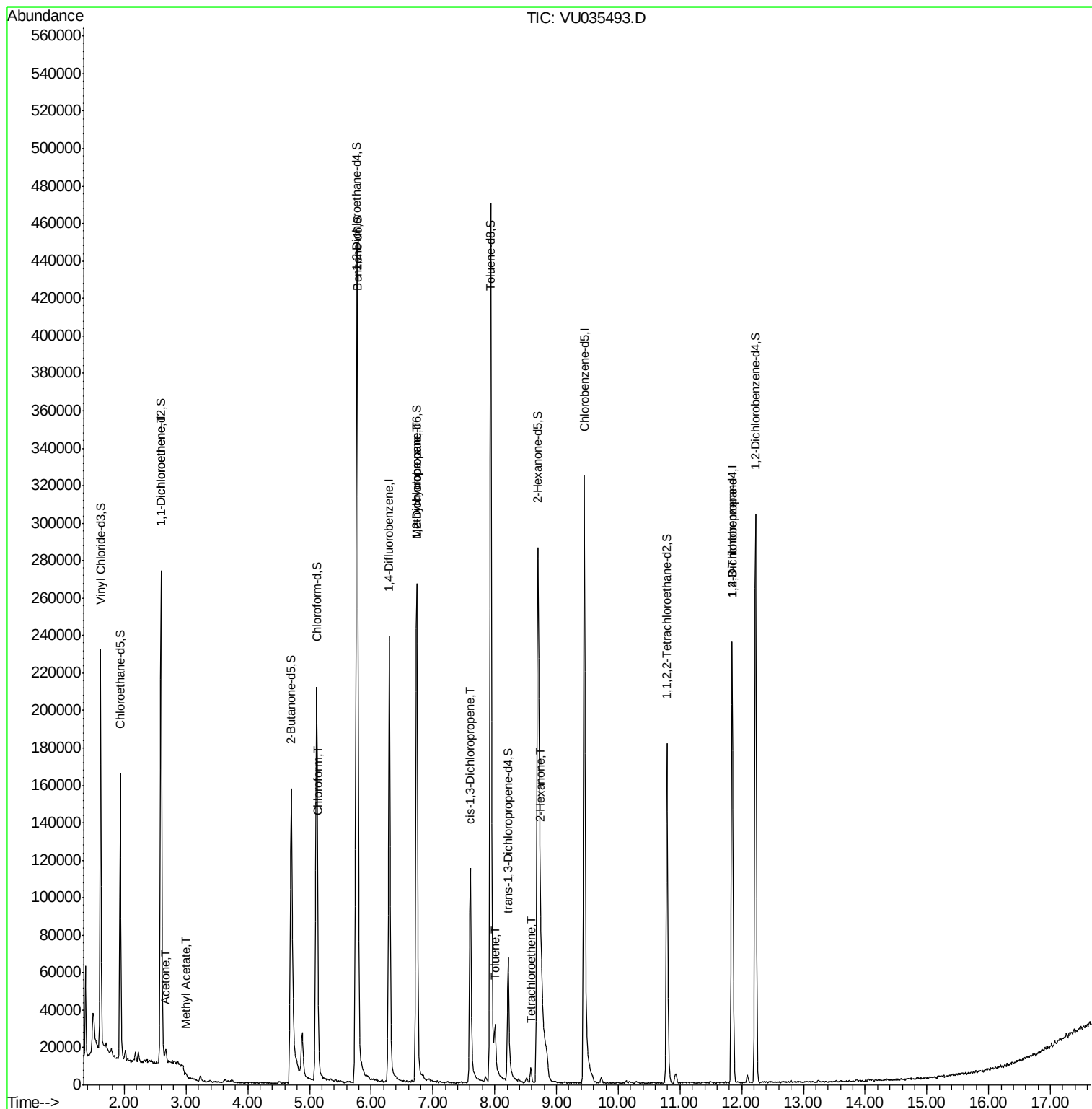
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1389	0.074 ug/L #	1
13) Acetone	2.67	43	6888	1.750 ug/L	98
15) Methyl Acetate	3.01	43	1792	0.199 ug/L #	80
25) Chloroform	5.14	83	7439	0.174 ug/L	99
35) Methylcyclohexane	6.73	83	29565	0.883 ug/L #	16
37) 1,2-Dichloropropane	6.74	63	14345	0.617 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3037	0.094 ug/L #	25
42) Toluene	8.01	91	17804	0.198 ug/L	99
47) Tetrachloroethene	8.58	164	1801	0.101 ug/L	90
48) 2-Hexanone	8.75	43	9026	0.975 ug/L #	33
59) 1,2,3-Trichloropropane	11.84	75	9917	0.665 ug/L	98

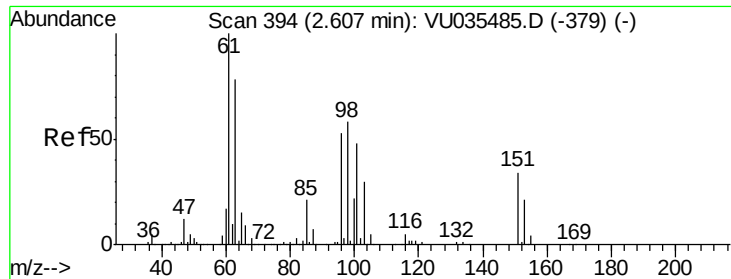
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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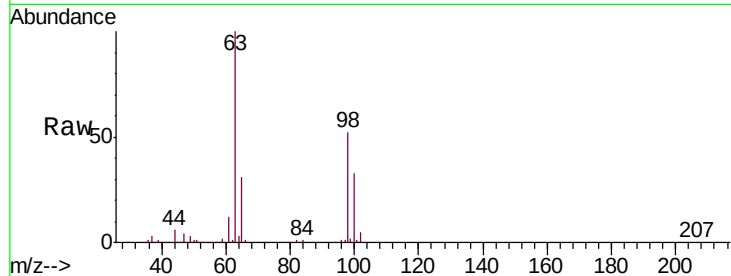




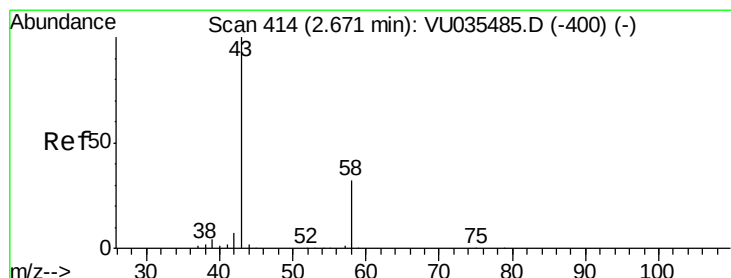
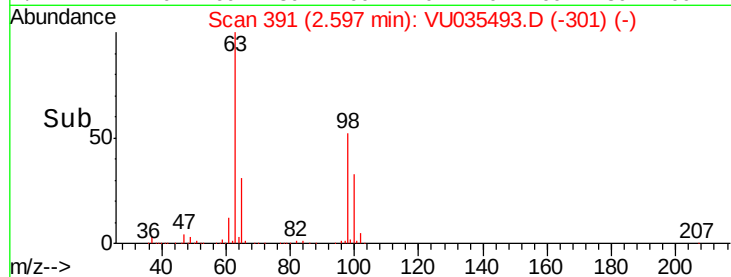
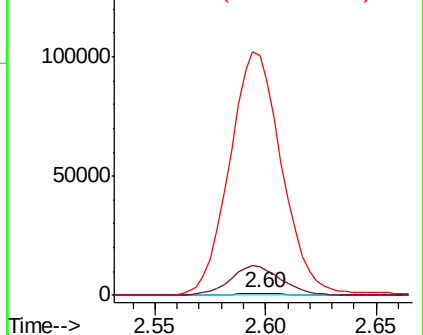
#12
 1,1-Dichloroethene
 Concen: 0.074 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035493.D
 Acq: 25 Oct 2019 17:57

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ82

Tgt Ion: 96 Resp: 1389
 Ion Ratio Lower Upper
 96 100
 61 1582.5 131.9 244.9#
 63 13417.6 97.0 180.2#

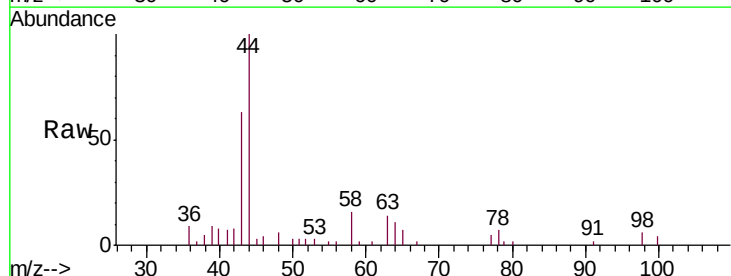


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

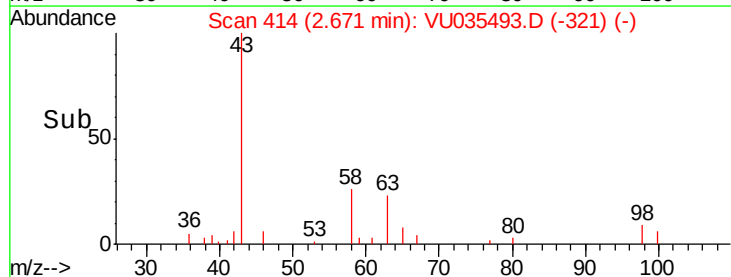
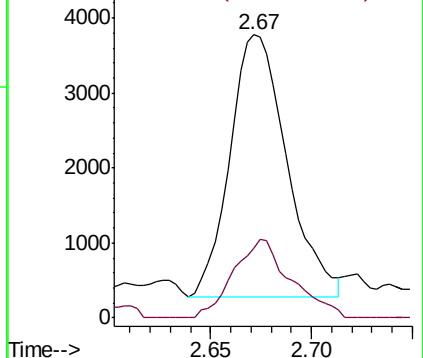


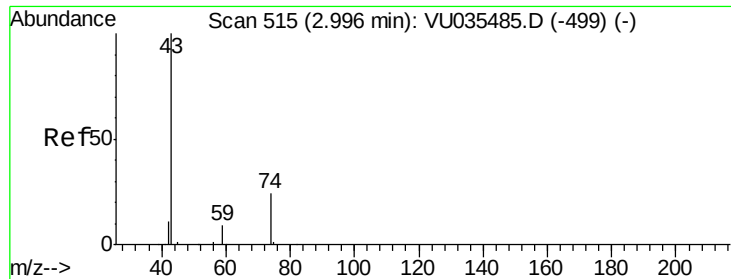
#13
 Acetone
 Concen: 1.750 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: VU035493.D
 Acq: 25 Oct 2019 17:57

Tgt Ion: 43 Resp: 6888
 Ion Ratio Lower Upper
 43 100
 58 30.3 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0





#15

Methyl Acetate

Concen: 0.199 ug/L

RT: 3.01 min Scan# 518

Delta R.T. 0.01 min

Lab File: VU035493.D

Acq: 25 Oct 2019 17:57

Instrument :

MSVOA_U

ClientSampleId :

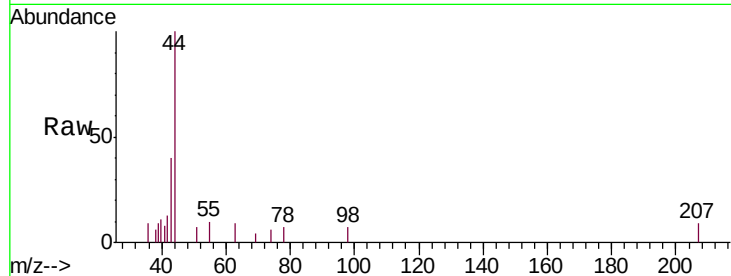
GAQ82

Tgt Ion: 43 Resp: 1792

Ion Ratio Lower Upper

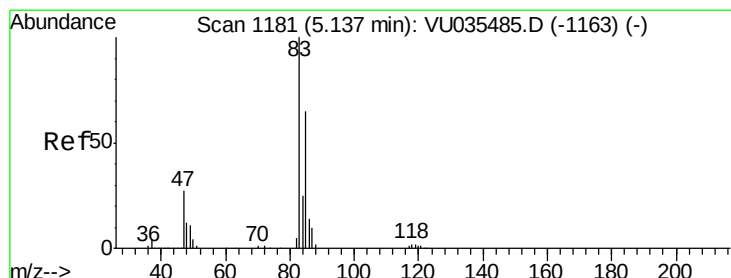
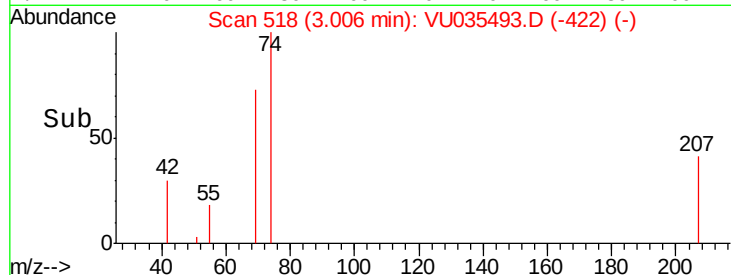
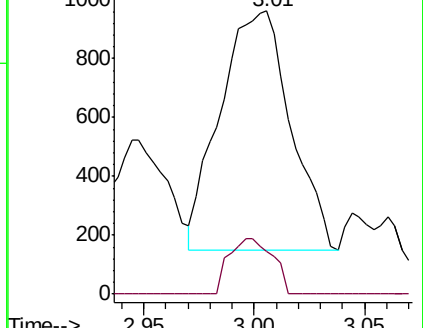
43 100

74 14.5 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) (-)



#25

Chloroform

Concen: 0.174 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035493.D

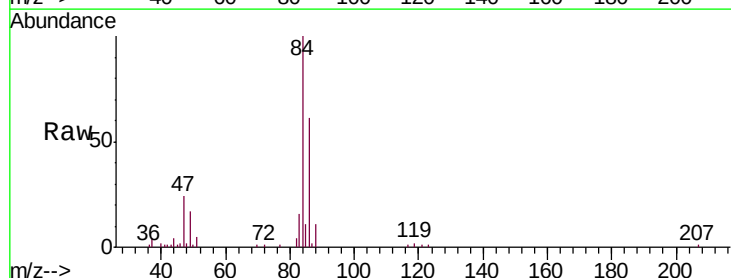
Acq: 25 Oct 2019 17:57

Tgt Ion: 83 Resp: 7439

Ion Ratio Lower Upper

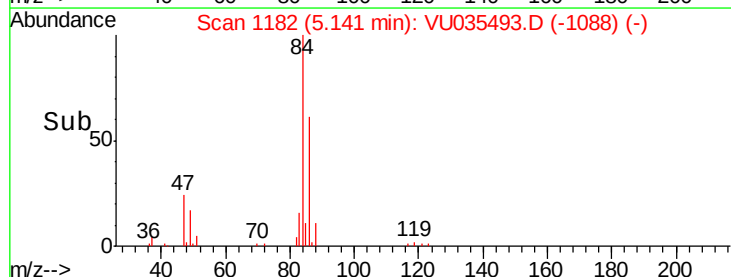
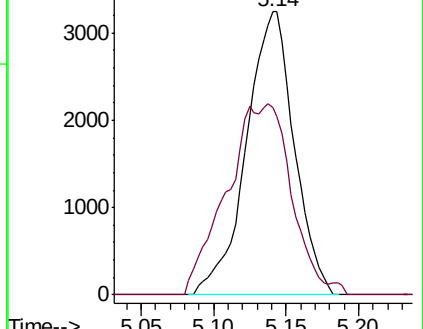
83 100

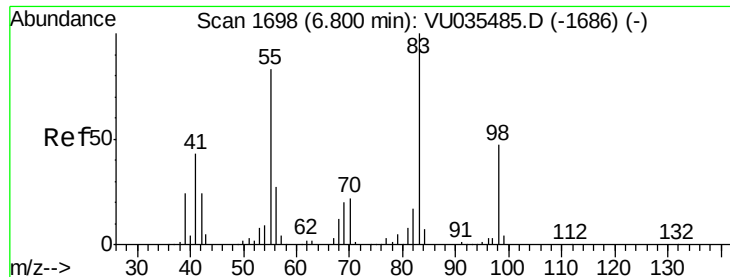
85 66.2 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VU035485.D (-1163) (-)

Ion 85.00 (84.70 to 85.70): VU035485.D (-1163) (-)

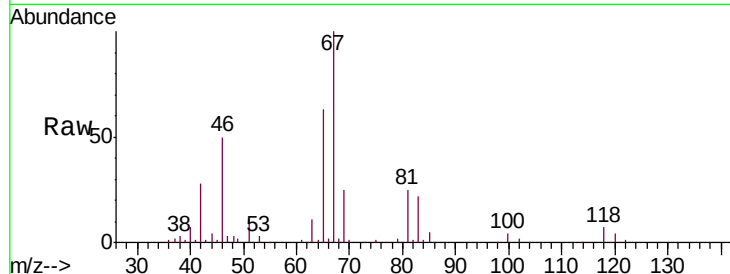




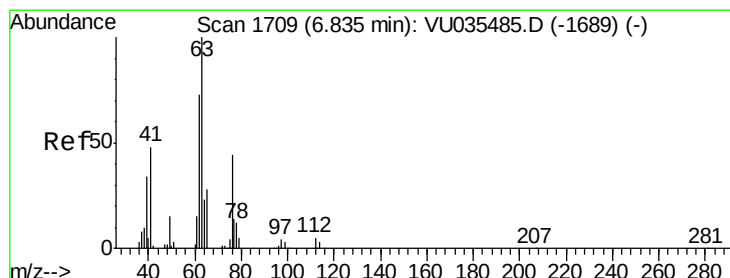
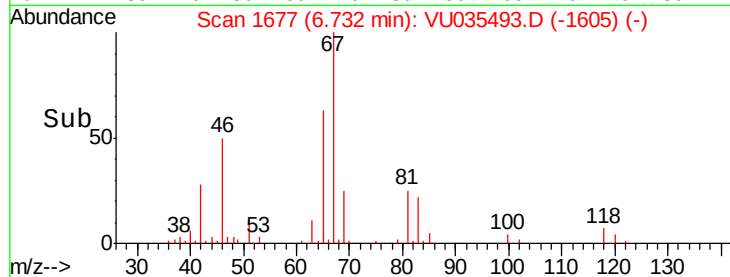
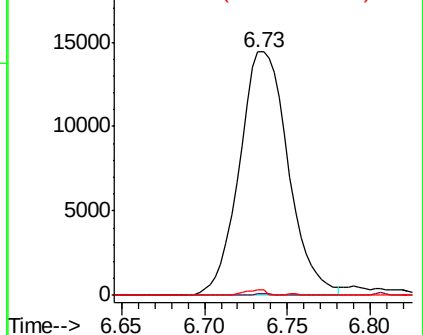
#35
Methylcyclohexane
Concen: 0.883 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035493.D
Acq: 25 Oct 2019 17:57

Instrument :
MSVOA_U
ClientSampleId :
GAQ82

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	67.3	100.9#
98	1.0	39.0	58.6#

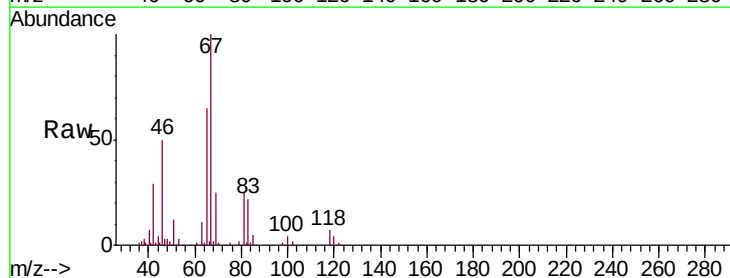


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

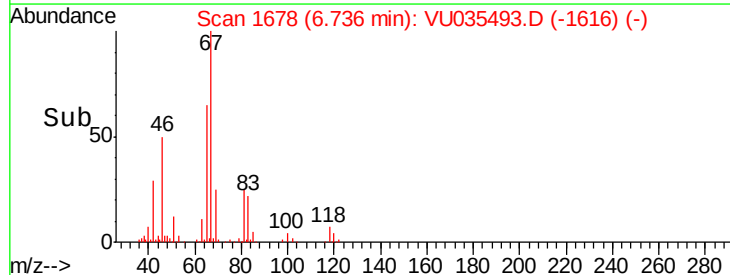
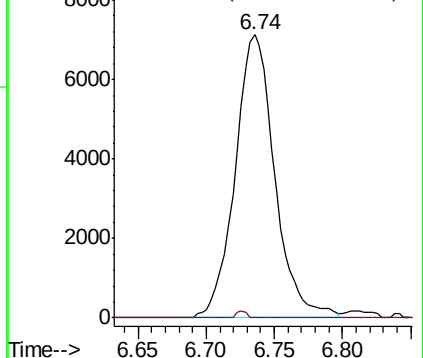


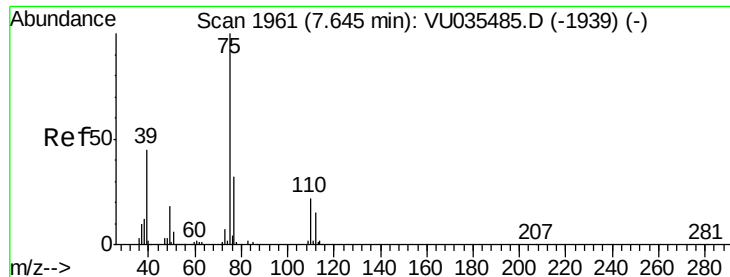
#37
1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035493.D
Acq: 25 Oct 2019 17:57

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.6	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: 0.094 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035493.D

Acq: 25 Oct 2019 17:57

Instrument :

MSVOA_U

ClientSampleId :

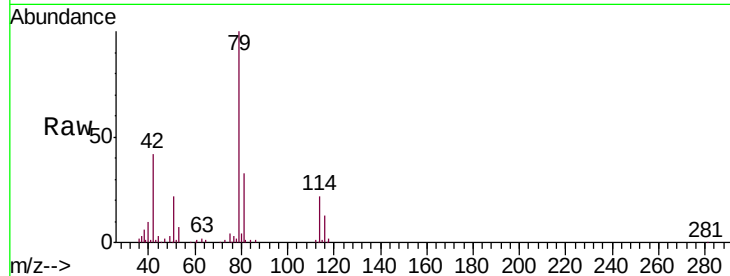
GAQ82

Tgt Ion: 75 Resp: 3037

Ion Ratio Lower Upper

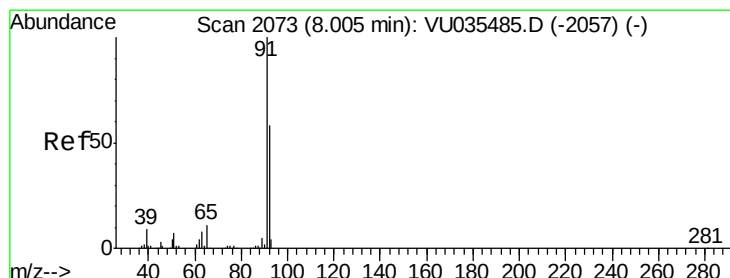
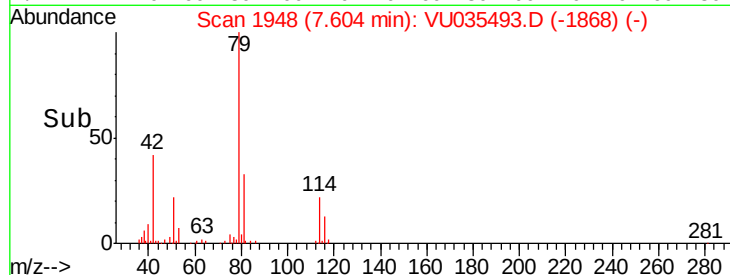
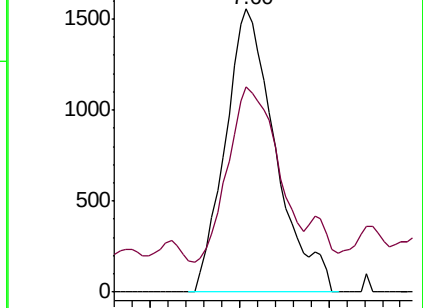
75 100

77 72.7 22.0 40.8#



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

Ion 77.05 (76.75 to 77.75): VU035485.D (-1939) (-)



#42

Toluene

Concen: 0.198 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU035493.D

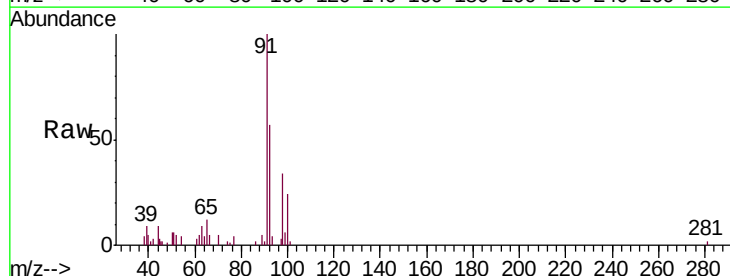
Acq: 25 Oct 2019 17:57

Tgt Ion: 91 Resp: 17804

Ion Ratio Lower Upper

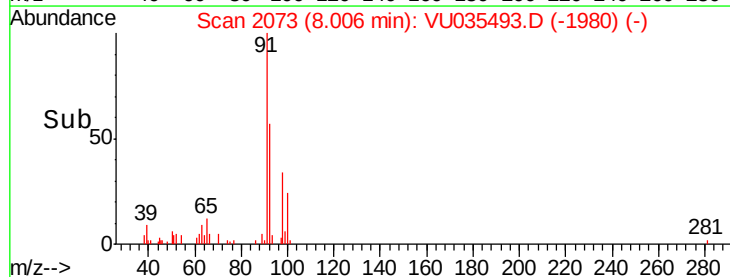
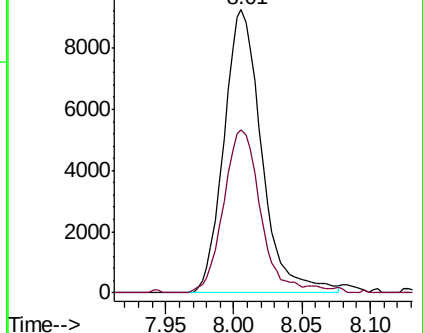
91 100

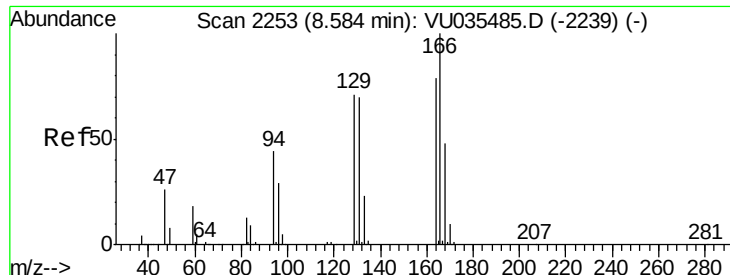
92 57.5 40.9 75.9



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

Ion 92.15 (91.85 to 92.85): VU035485.D (-2057) (-)





#47

Tetrachloroethene

Concen: 0.101 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035493.D

Acq: 25 Oct 2019 17:57

Instrument :

MSVOA_U

ClientSampled :

GAQ82

Tgt Ion:164 Resp: 1801

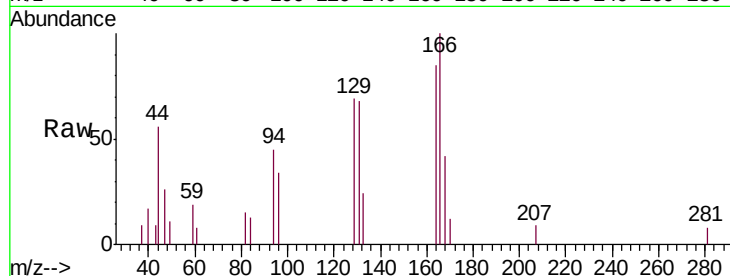
Ion Ratio Lower Upper

164 100

129 81.1 64.6 120.0

131 80.4 63.1 117.3

166 118.2 90.4 168.0

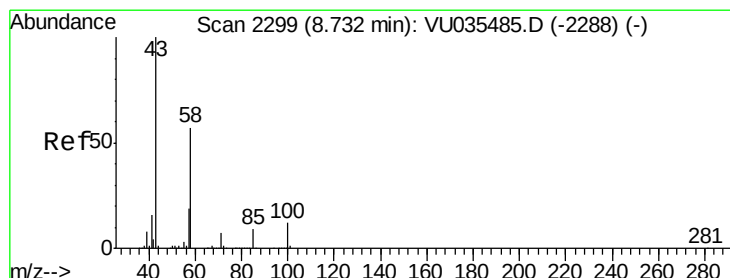
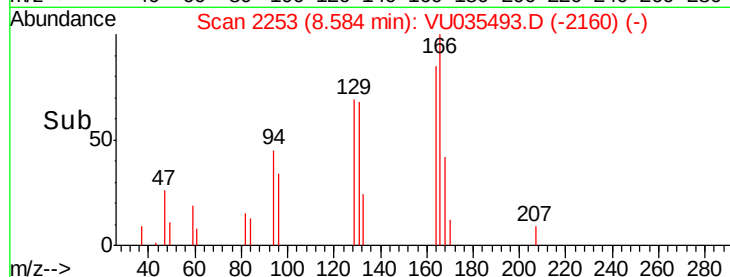
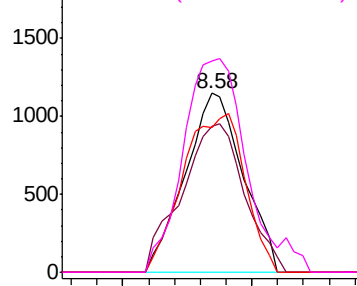


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 0.975 ug/L

RT: 8.75 min Scan# 2303

Delta R.T. 0.01 min

Lab File: VU035493.D

Acq: 25 Oct 2019 17:57

Tgt Ion: 43 Resp: 9026

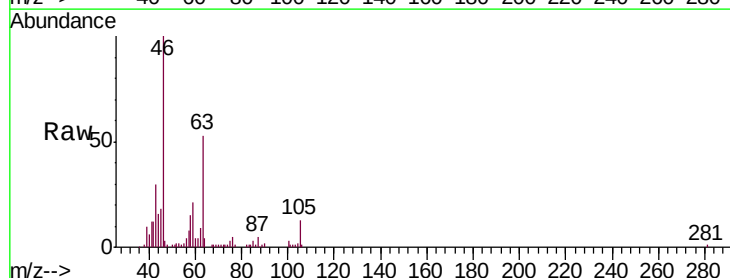
Ion Ratio Lower Upper

43 100

58 116.0 43.1 64.7#

57 0.0 14.2 21.2#

100 15.2 9.0 13.4#

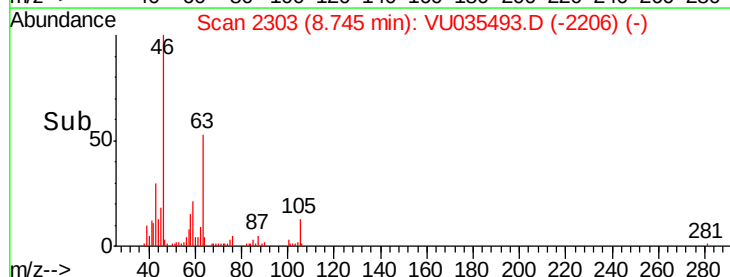
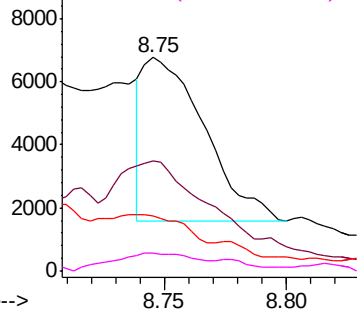


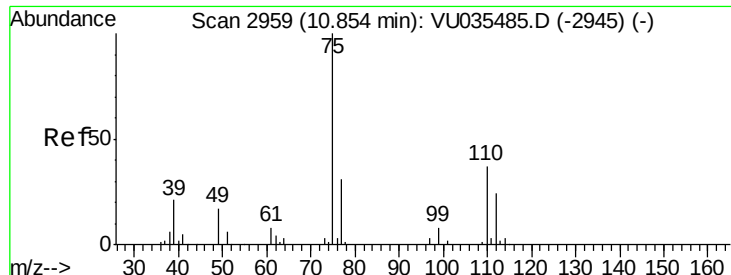
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.665 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035493.D

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ClientSampleId :

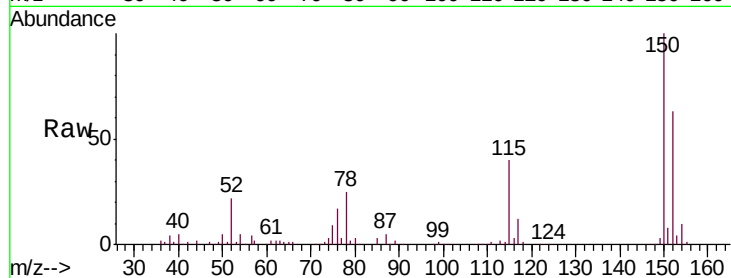
GAQ82

Tgt Ion: 75 Resp: 9917

Ion Ratio Lower Upper

75 100

77 35.2 27.4 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

