

Data File : VU031495.D
Acq On : 25 Apr 2019 10:31
Operator : JC/SP
Sample : K2517-03RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHY4

Quant Time: Apr 26 01:36:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 26 01:33:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	314328	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	319858	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	117695	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109232	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.68	69	87945	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.27	63	163183	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.21	46	331007	49.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.12%
24) Chloroform-d	4.64	84	189430	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.31	65	107499	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.33	84	354043	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	6.32	67	125950	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.56	98	282792	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	7.85	79	41070	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.31	63	199526	36.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	100700	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	100087	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

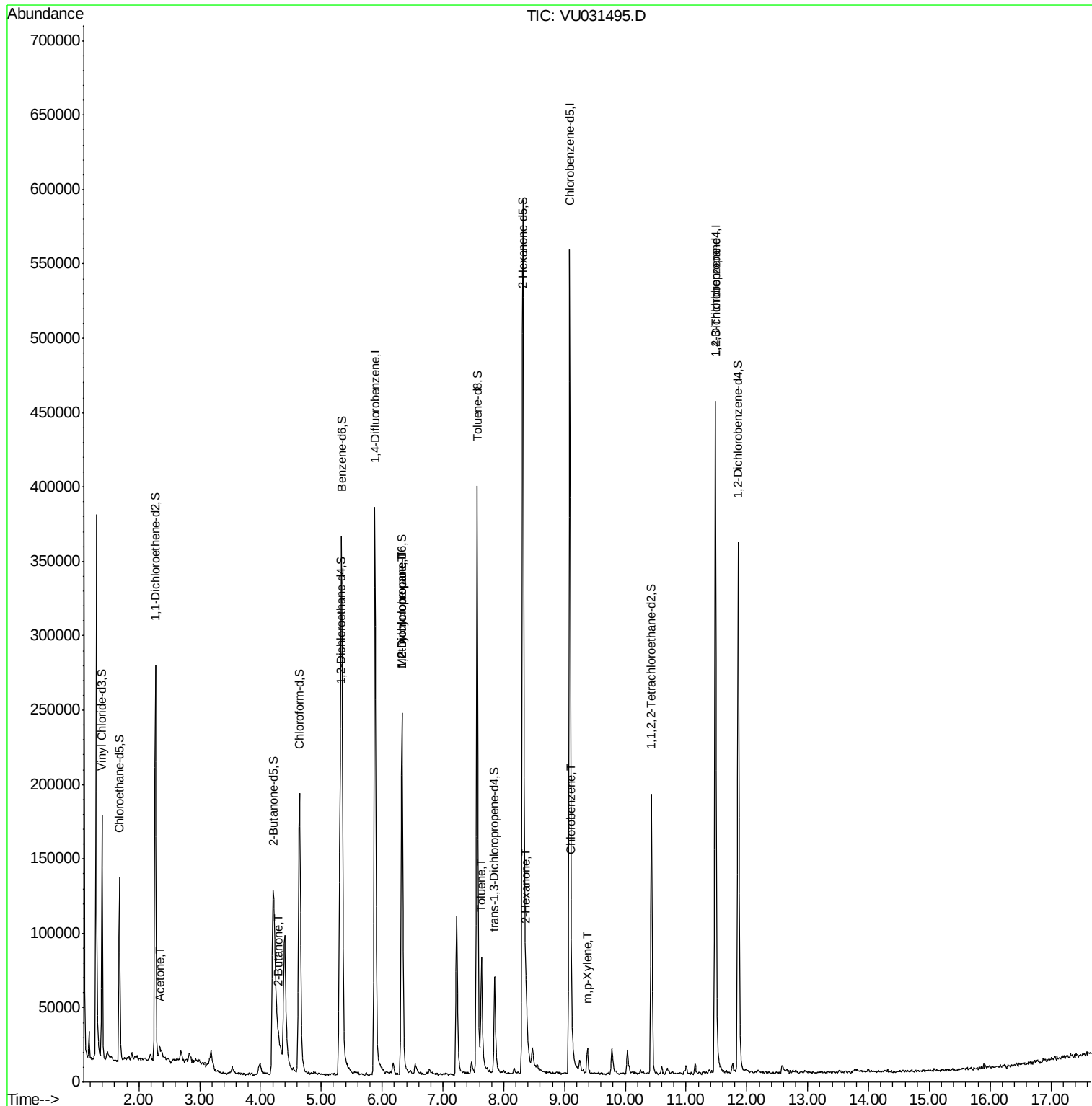
					Qvalue
13) Acetone	2.35	43	7313	1.525	ug/L 97
21) 2-Butanone	4.30	43	6800	0.933	ug/L 79
35) Methylcyclohexane	6.33	83	26558	0.689	ug/L # 14
37) 1,2-Dichloropropane	6.33	63	13857	0.523	ug/L # 88
42) Toluene	7.64	91	56744	0.572	ug/L 92
48) 2-Hexanone	8.37	43	24523	1.929	ug/L # 85
51) Chlorobenzene	9.12	112	10242	0.170	ug/L # 82
53) m,p-Xylene	9.38	106	4995	0.133	ug/L 66
59) 1,2,3-Trichloropropane	11.48	75	15043	0.902	ug/L 89

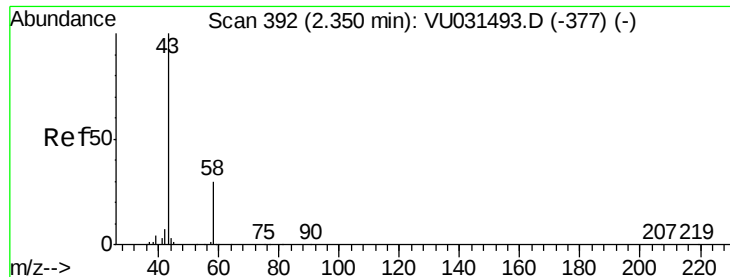
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.525 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.00 min

Lab File: VU031495.D

Acq: 25 Apr 2019 10:31

Instrument :

MSVOA_U

ClientSampleId :

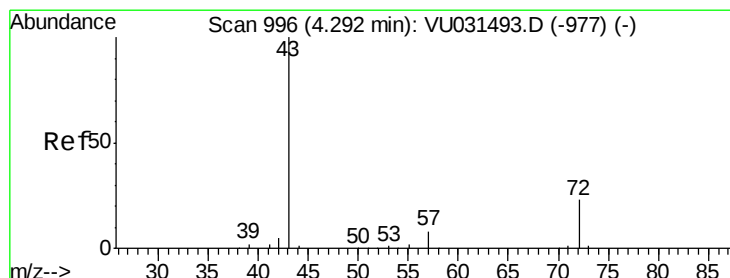
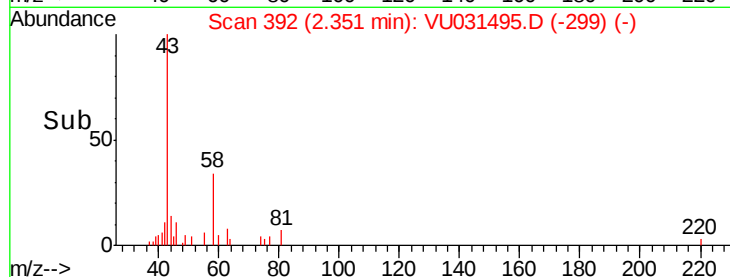
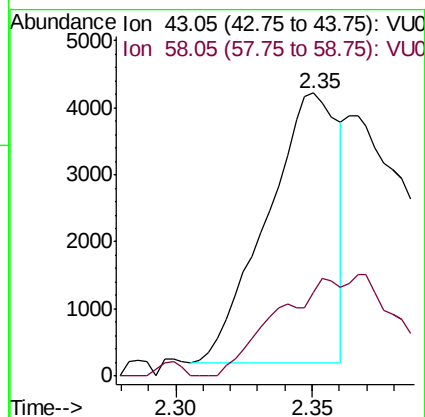
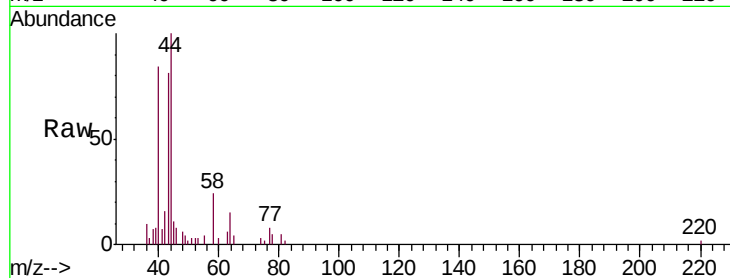
GAHY4

Tgt Ion: 43 Resp: 7313

Ion Ratio Lower Upper

43 100

58 33.1 0.0 62.4



#21

2-Butanone

Concen: 0.933 ug/L

RT: 4.30 min Scan# 999

Delta R.T. 0.01 min

Lab File: VU031495.D

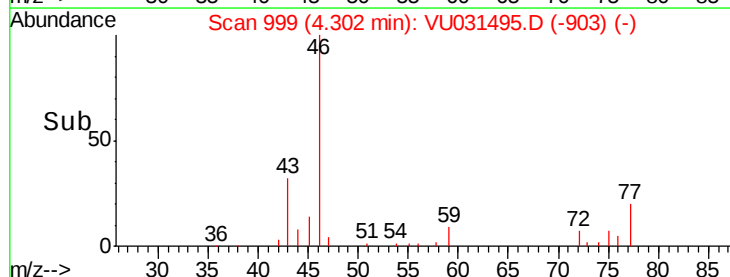
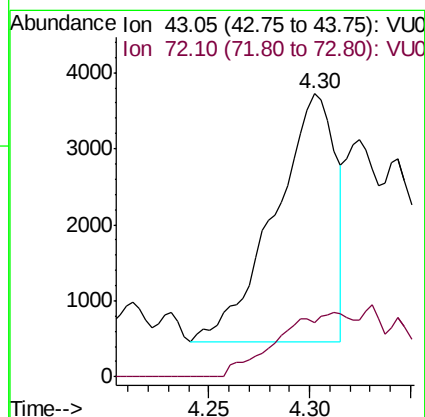
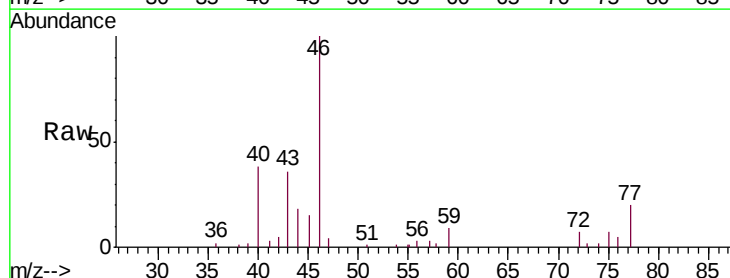
Acq: 25 Apr 2019 10:31

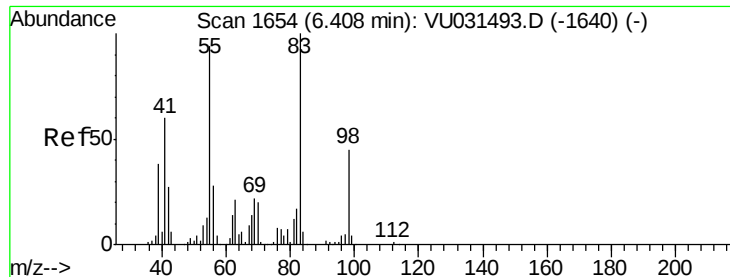
Tgt Ion: 43 Resp: 6800

Ion Ratio Lower Upper

43 100

72 33.5 11.7 35.0

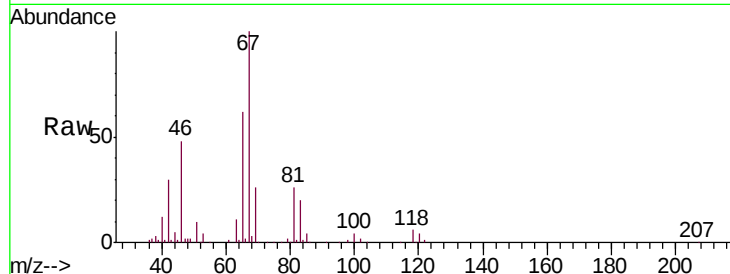




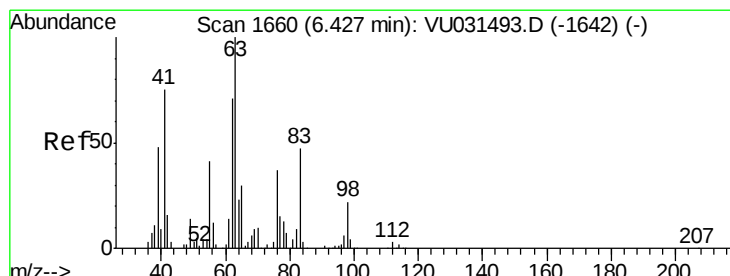
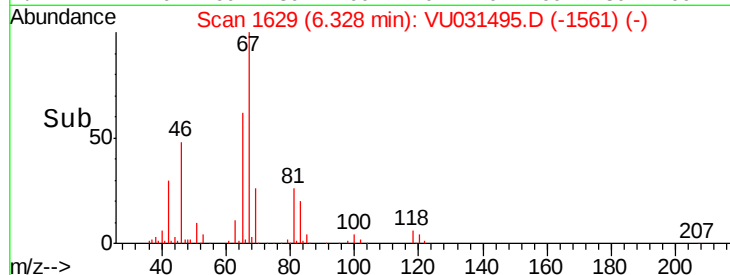
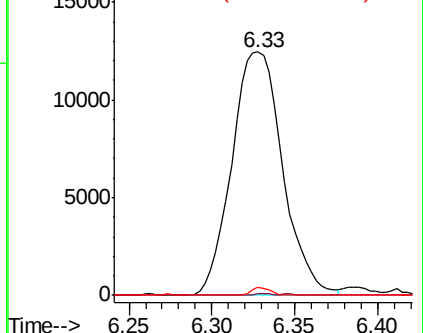
#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031495.D
Acq: 25 Apr 2019 10:31

Instrument :
MSVOA_U
ClientSampleId :
GAHY4

Tgt Ion: 83 Resp: 26558
Ion Ratio Lower Upper
83 100
55 0.2 71.1 106.7#
98 1.1 36.6 54.8#

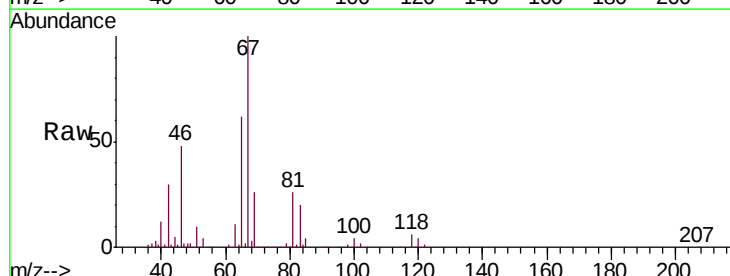


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

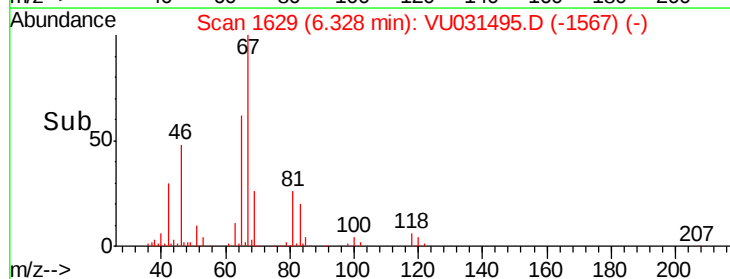
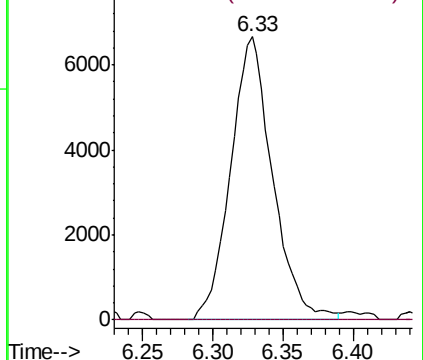


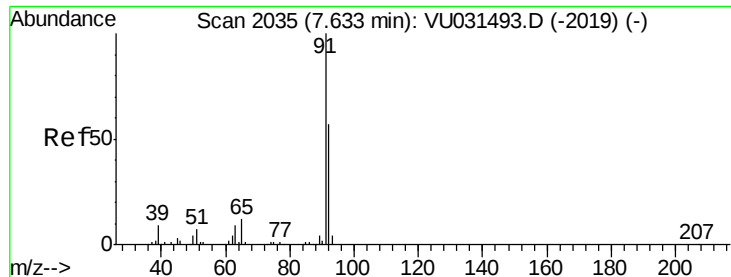
#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031495.D
Acq: 25 Apr 2019 10:31

Tgt Ion: 63 Resp: 13857
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.572 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031495.D

Acq: 25 Apr 2019 10:31

Instrument :

MSVOA_U

ClientSampleId :

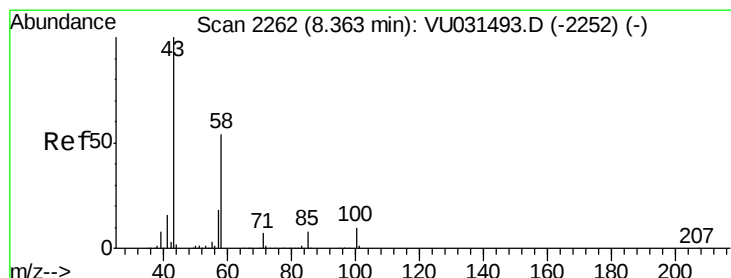
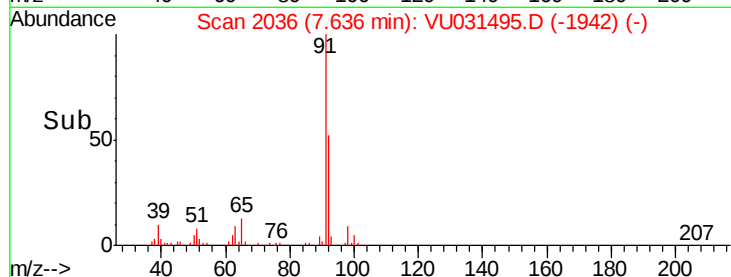
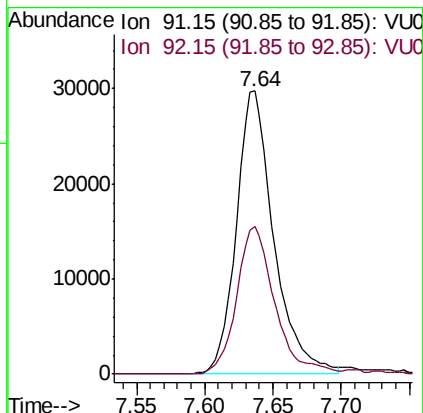
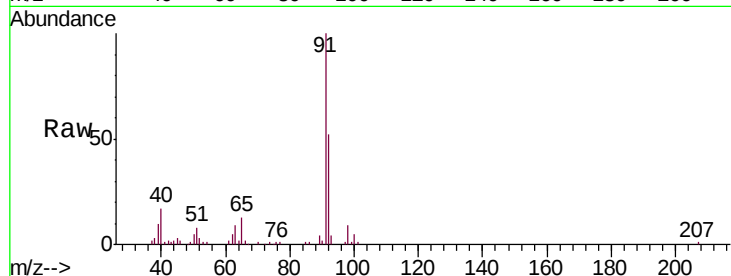
GAHY4

Tgt Ion: 91 Resp: 56744

Ion Ratio Lower Upper

91 100

92 52.0 40.7 75.5



#48

2-Hexanone

Concen: 1.929 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU031495.D

Acq: 25 Apr 2019 10:31

Tgt Ion: 43 Resp: 24523

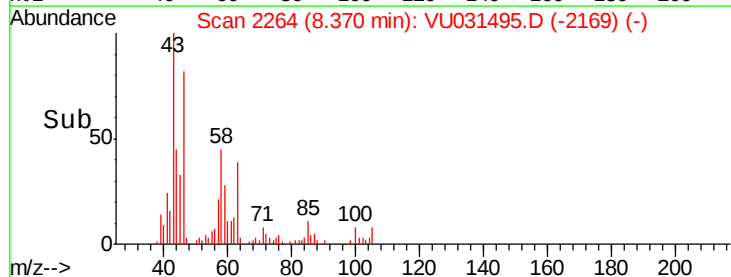
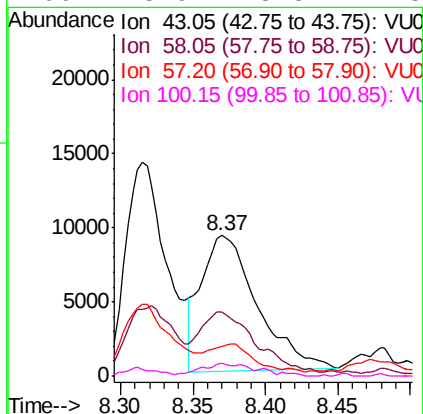
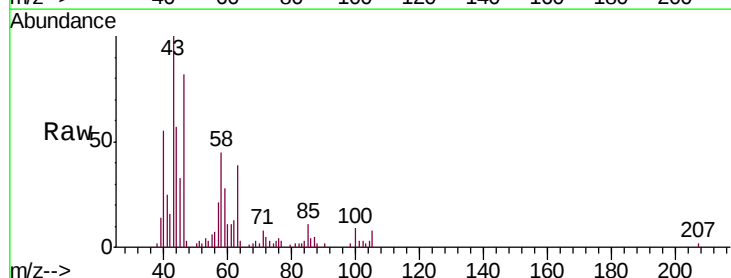
Ion Ratio Lower Upper

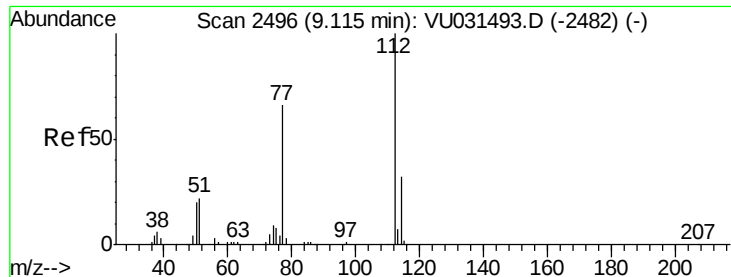
43 100

58 44.8 44.6 67.0

57 13.6 15.3 22.9#

100 3.9 8.3 12.5#

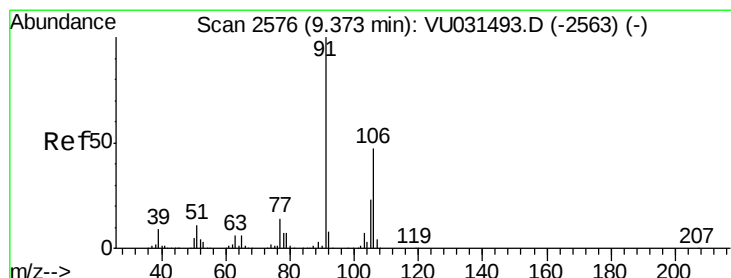
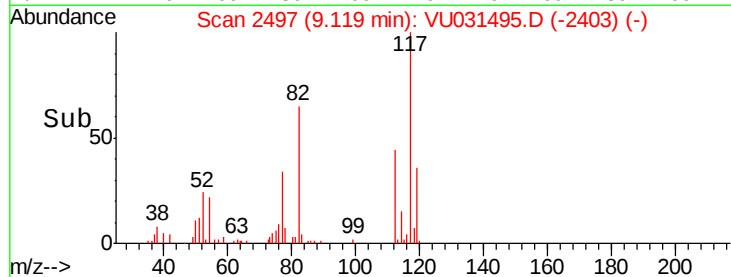
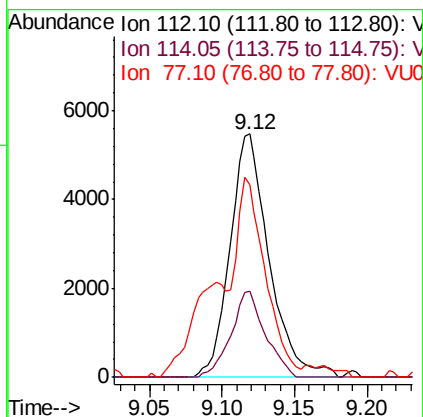
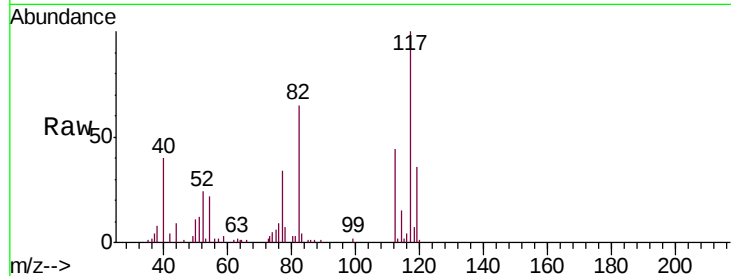




#51
Chlorobenzene
Concen: 0.170 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU031495.D
Acq: 25 Apr 2019 10:31

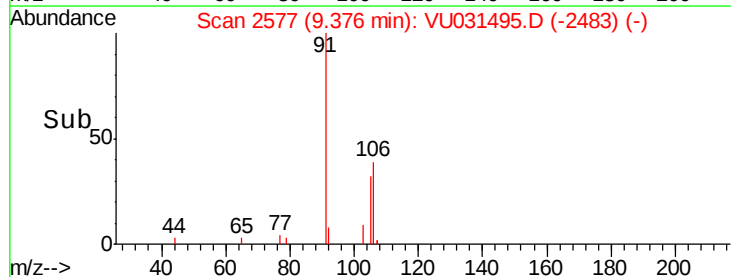
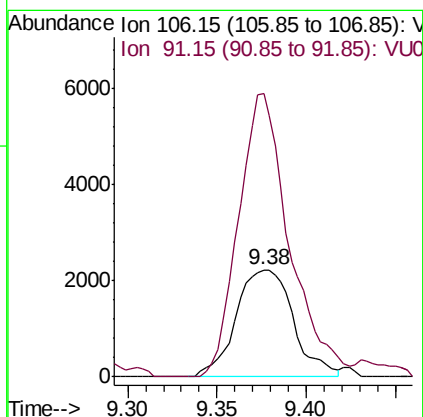
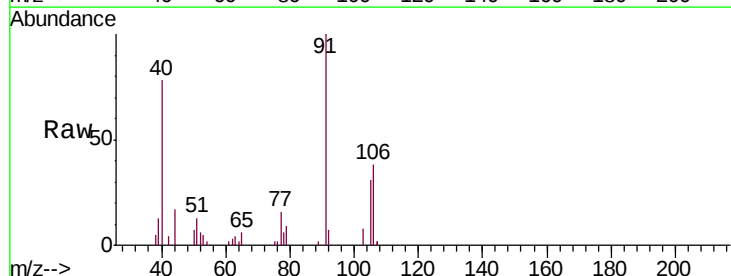
Instrument :
MSVOA_U
ClientSampleId :
GAHY4

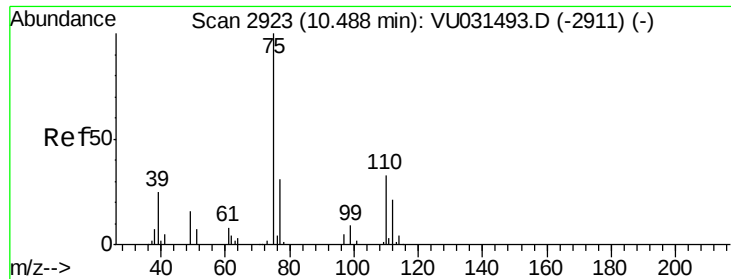
Tgt Ion	Ratio	Lower	Upper
112	100		
114	35.3	21.9	40.7
77	79.2	48.9	73.3



#53
m,p-Xylene
Concen: 0.133 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU031495.D
Acq: 25 Apr 2019 10:31

Tgt Ion	Ratio	Lower	Upper
106	100		
91	264.8	147.8	274.4





#59

1,2,3-Trichloropropane

Concen: 0.902 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031495.D

Acq: 25 Apr 2019 10:31

Instrument :

MSVOA_U

ClientSampleId :

GAHY4

Tgt Ion: 75 Resp: 15043

Ion Ratio Lower Upper

75 100

77 38.1 25.7 38.5

