

Data File : VU031366.D
Acq On : 19 Apr 2019 17:57
Operator : JC/SP
Sample : K2455-15
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHR5ME

Quant Time: Apr 19 23:16:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	616757	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	588725	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	289716	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	167324	29.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.92%#
7) Chloroethane-d5	1.68	69	127634	25.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.76%#
11) 1,1-Dichloroethene-d2	2.25	63	272992	24.26	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.52%#
21) 2-Butanone-d5	4.20	46	295426	71.41	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.41%
24) Chloroform-d	4.64	84	335308	35.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.76%
26) 1,2-Dichloroethane-d4	5.31	65	194708	33.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.72%#
32) Benzene-d6	5.33	84	644112	34.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.22%#
36) 1,2-Dichloropropane-d6	6.33	67	218654	36.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.40%
41) Toluene-d8	7.56	98	589291	35.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.96%#
43) trans-1,3-Dichloropropene-	7.85	79	97588	33.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.60%
47) 2-Hexanone-d5	8.34	63	229800	80.59	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.59%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	298098	35.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	248916	37.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.92%#

Target Compounds

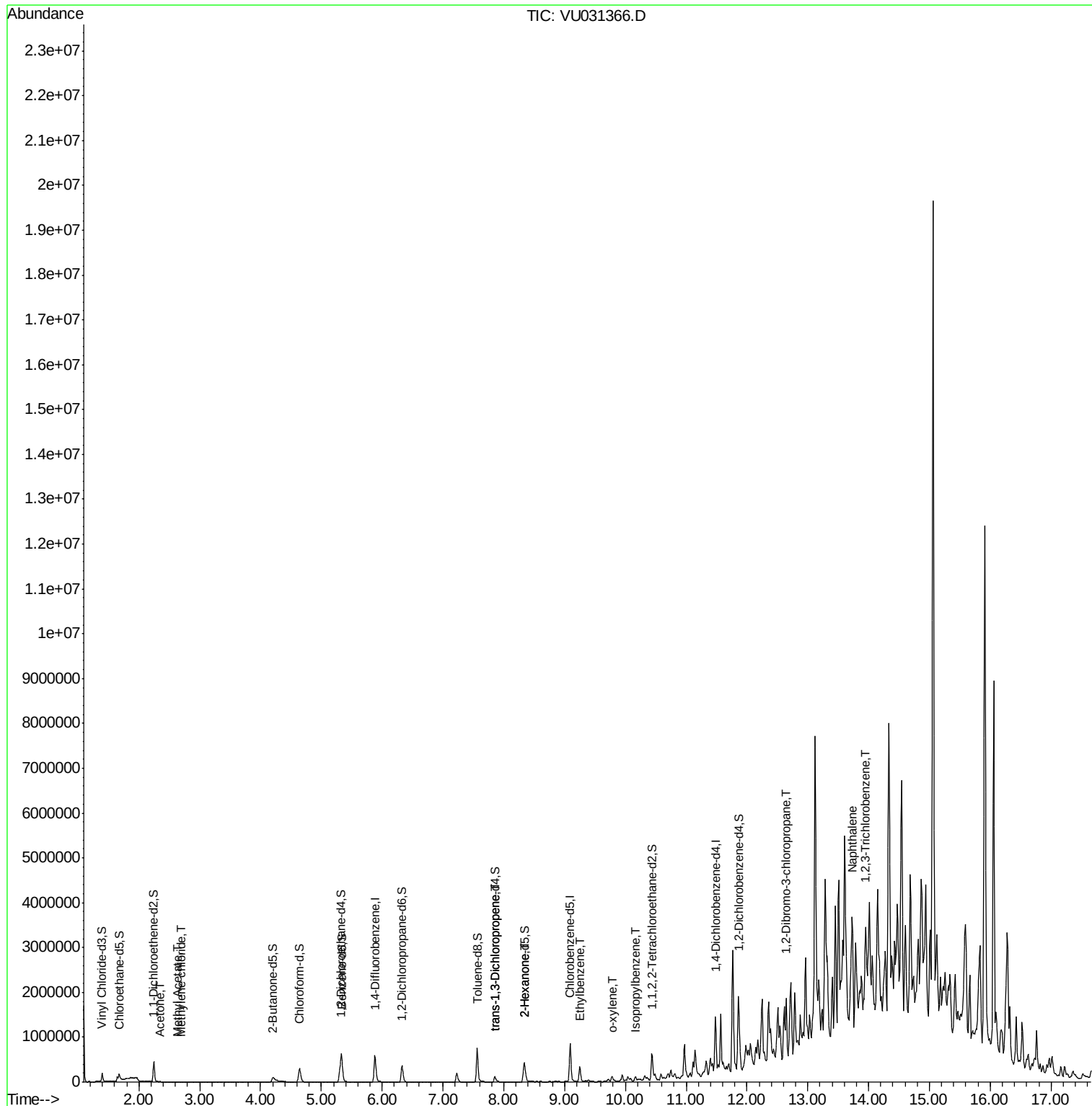
					Qvalue
13) Acetone	2.35	43	4648	1.460 ug/L	92
15) Methyl Acetate	2.63	43	12016	2.169 ug/L #	67
16) Methylene chloride	2.69	84	2600	0.553 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	3818	0.560 ug/L	84
48) 2-Hexanone	8.34	43	28316	4.812 ug/L #	67
52) Ethylbenzene	9.25	91	278028	12.966 ug/L	98
54) o-xylene	9.78	106	32085	4.187 ug/L	87
56) Isopropylbenzene	10.17	105	56066	2.855 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	4156	2.163 ug/L #	14
69) Naphthalene	13.74	128	798340	43.817 ug/L #	86
70) 1,2,3-Trichlorobenzene	13.94	180	12605	1.999 ug/L #	1

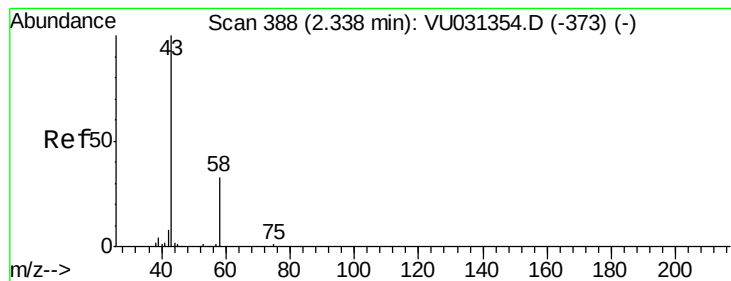
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.460 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

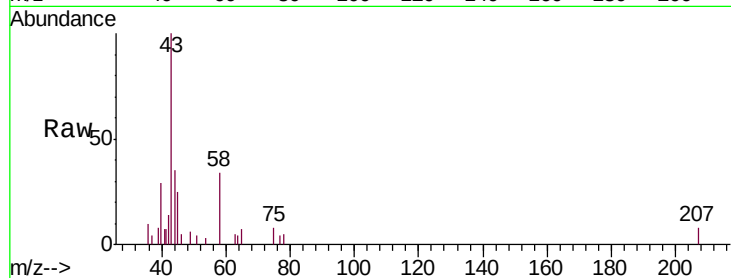
GAHR5ME

Tgt Ion: 43 Resp: 4648

Ion Ratio Lower Upper

43 100

58 37.0 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU031354.D (-373) (-)

Ion 58.00 (57.70 to 58.70): VU031354.D (-373) (-)

2.35

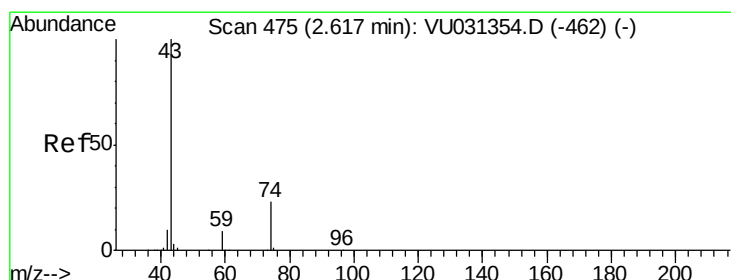
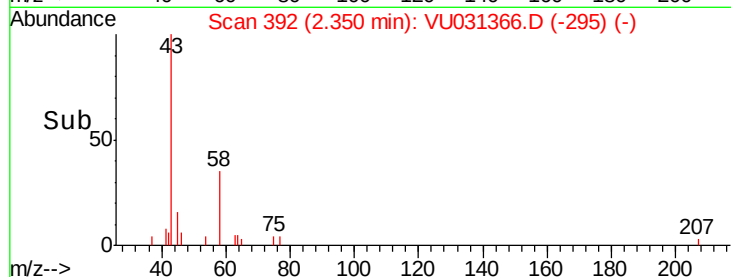
3000

2000

1000

0

Time-->



#15

Methyl Acetate

Concen: 2.169 ug/L

RT: 2.63 min Scan# 479

Delta R.T. 0.01 min

Lab File: VU031366.D

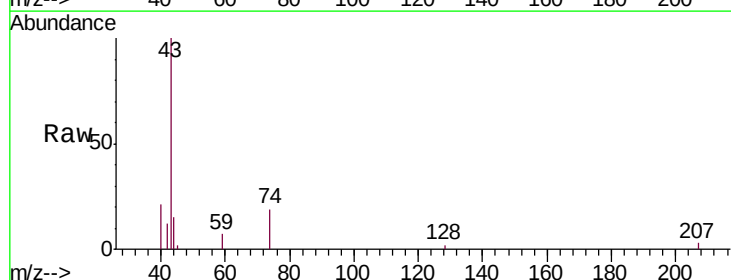
Acq: 19 Apr 2019 17:57

Tgt Ion: 43 Resp: 12016

Ion Ratio Lower Upper

43 100

74 6.9 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VU031354.D (-462) (-)

Ion 74.00 (73.70 to 74.70): VU031354.D (-462) (-)

2.63

5000

4000

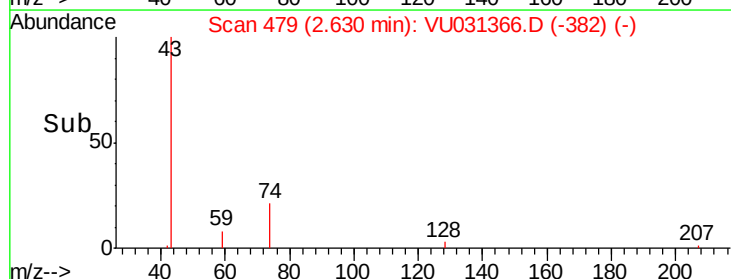
3000

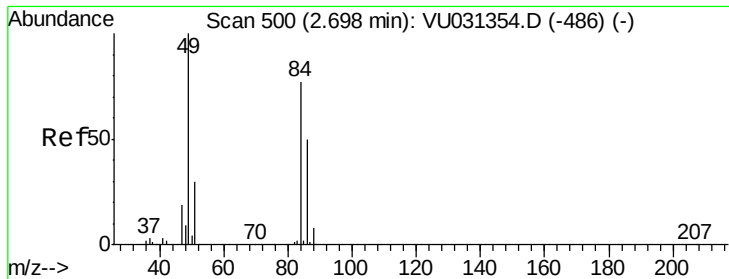
2000

1000

0

Time-->

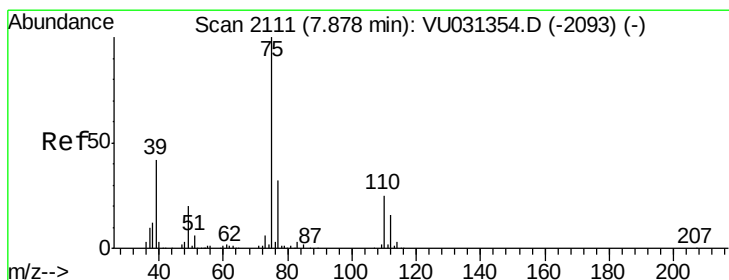
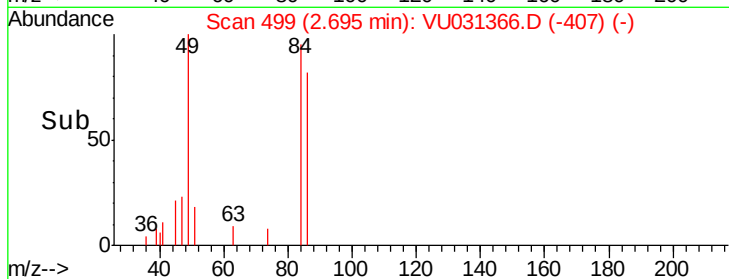
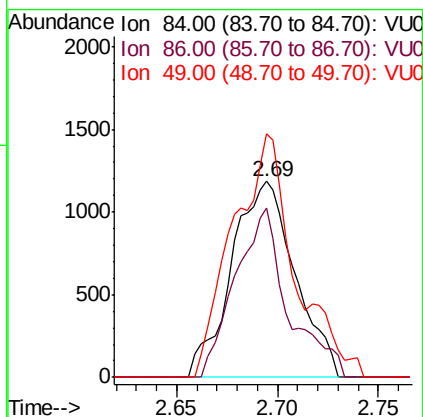
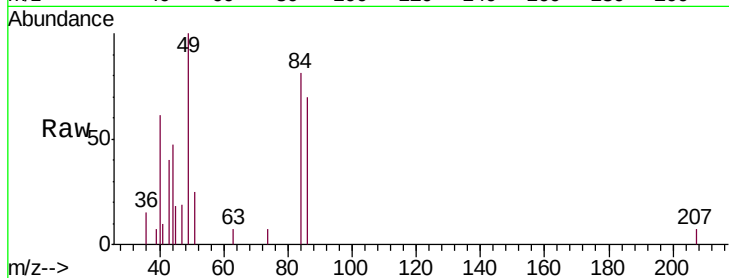




#16
Methylene chloride
Concen: 0.553 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU031366.D
Acq: 19 Apr 2019 17:57

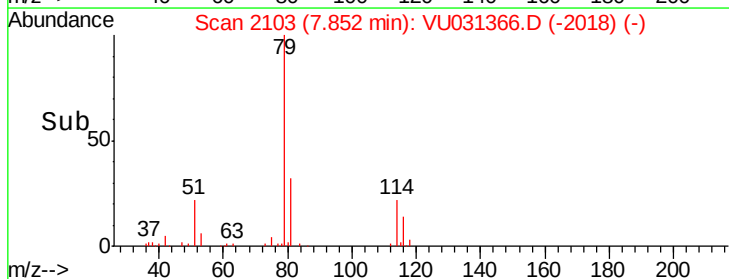
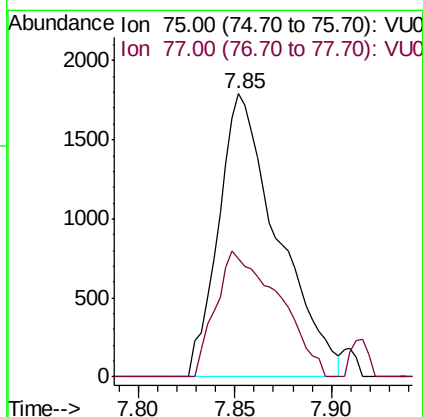
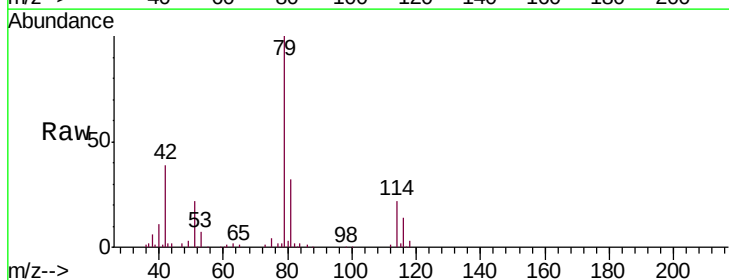
Instrument :
MSVOA_U
ClientSampleId :
GAHR5ME

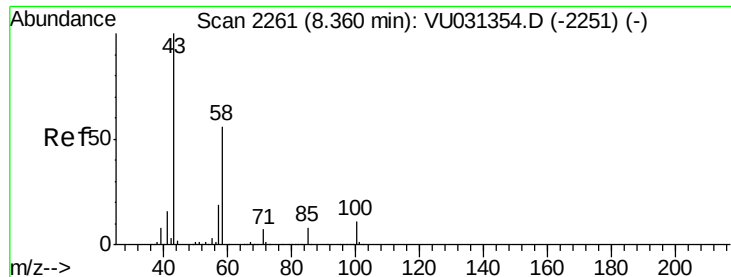
Tgt Ion: 84 Resp: 2600
Ion Ratio Lower Upper
84 100
86 86.5 44.0 81.8#
49 124.1 88.0 163.4



#44
trans-1,3-Dichloropropene
Concen: 0.560 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU031366.D
Acq: 19 Apr 2019 17:57

Tgt Ion: 75 Resp: 3818
Ion Ratio Lower Upper
75 100
77 41.8 22.8 42.4

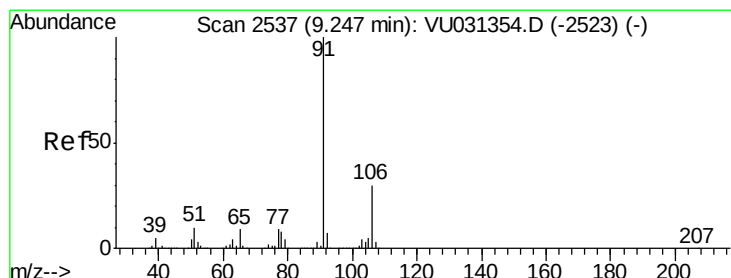
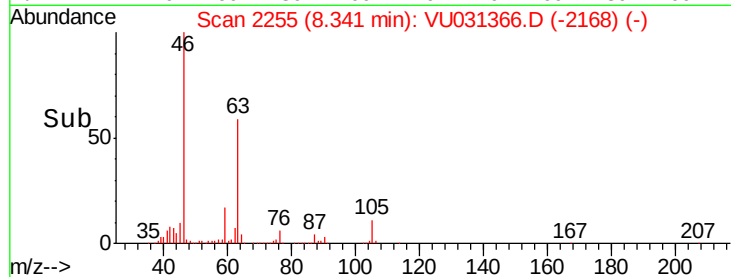
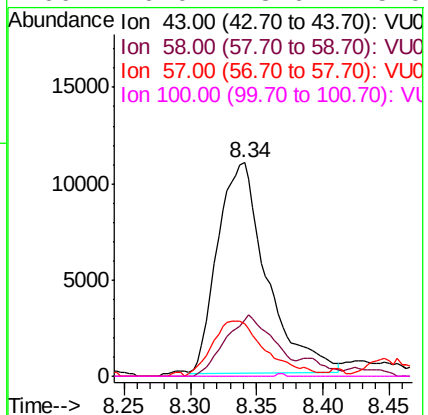
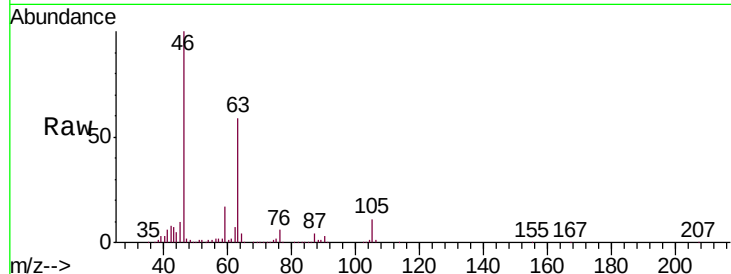




#48
2-Hexanone
Concen: 4.812 ug/L
RT: 8.34 min Scan# 2255
Delta R.T. -0.02 min
Lab File: VU031366.D
Acq: 19 Apr 2019 17:57

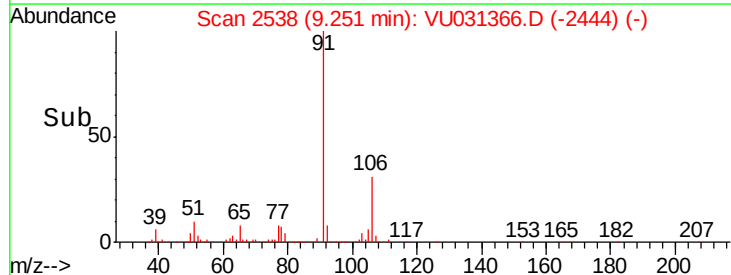
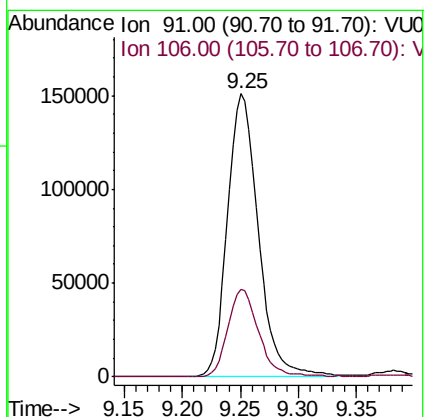
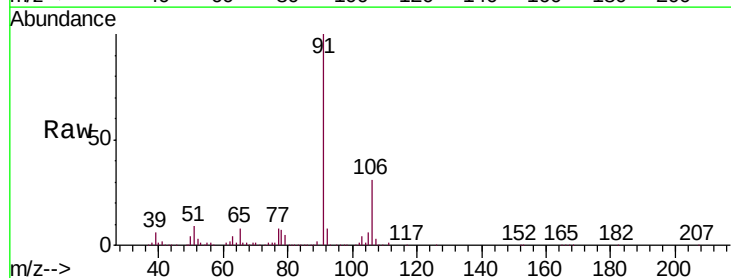
Instrument :
MSVOA_U
ClientSampleId :
GAHR5ME

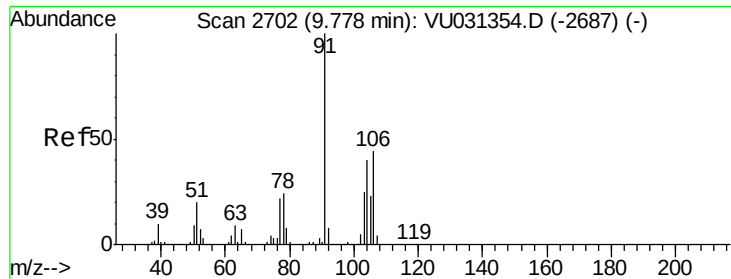
Tgt Ion: 43 Resp: 28316
Ion Ratio Lower Upper
43 100
58 28.2 44.9 67.3#
57 27.4 15.1 22.7#
100 0.0 8.6 13.0#



#52
Ethylbenzene
Concen: 12.966 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU031366.D
Acq: 19 Apr 2019 17:57

Tgt Ion: 91 Resp: 278028
Ion Ratio Lower Upper
91 100
106 31.1 20.9 38.7





#54

o-xylene

Concen: 4.187 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.00 min

Lab File: VU031366.D

Acq: 19 Apr 2019 17:57

Instrument :

MSVOA_U

ClientSampleId :

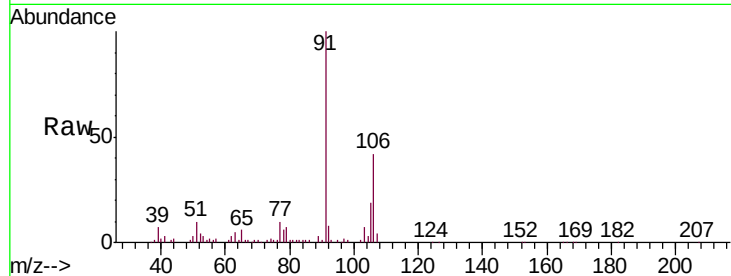
GAHR5ME

Tgt Ion:106 Resp: 32085

Ion Ratio Lower Upper

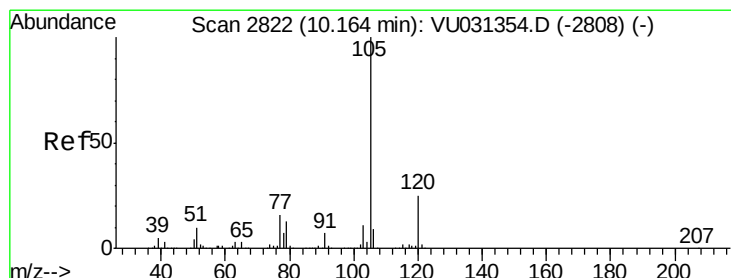
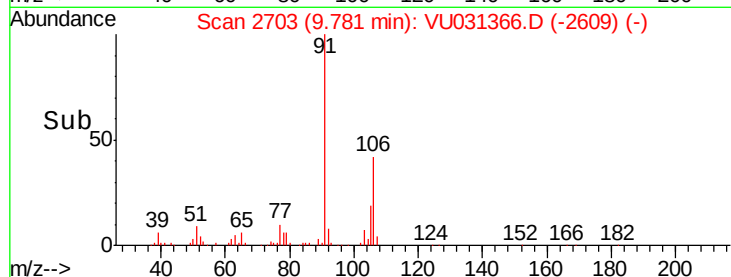
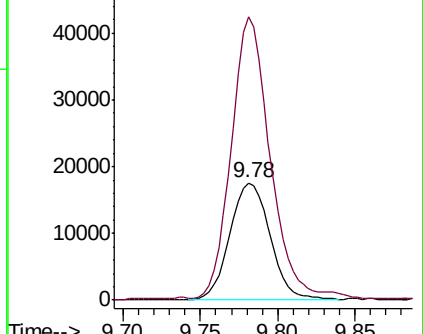
106 100

91 240.8 154.3 286.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 2.855 ug/L

RT: 10.17 min Scan# 2824

Delta R.T. 0.01 min

Lab File: VU031366.D

Acq: 19 Apr 2019 17:57

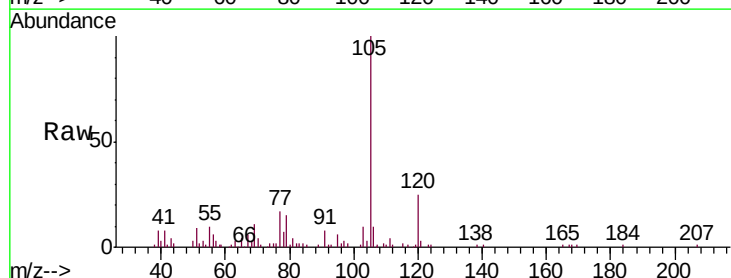
Tgt Ion:105 Resp: 56066

Ion Ratio Lower Upper

105 100

120 26.3 20.6 31.0

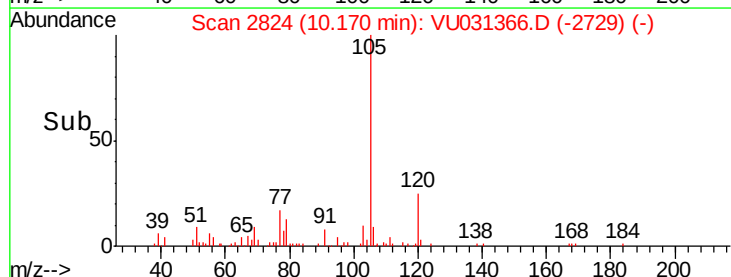
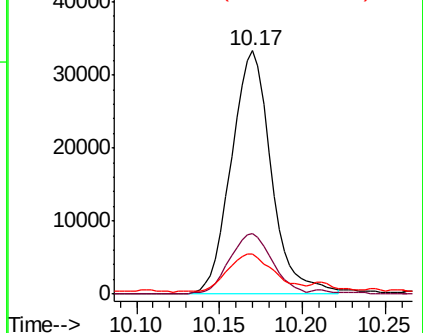
77 18.0 13.0 19.4

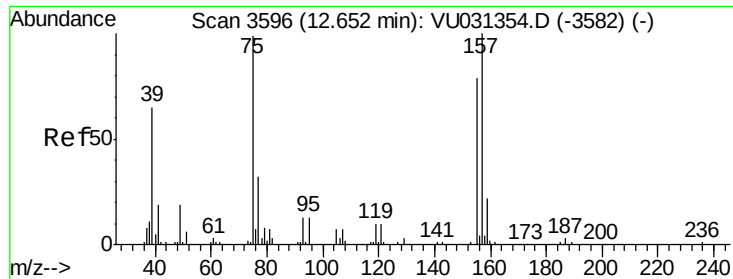


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

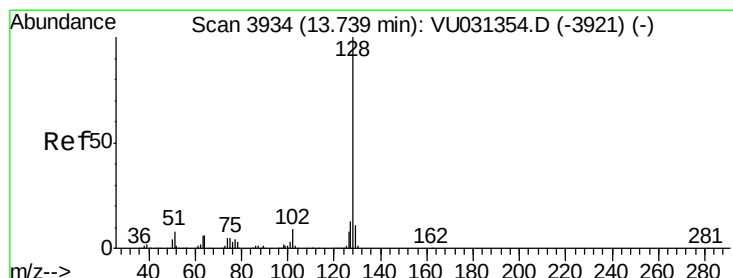
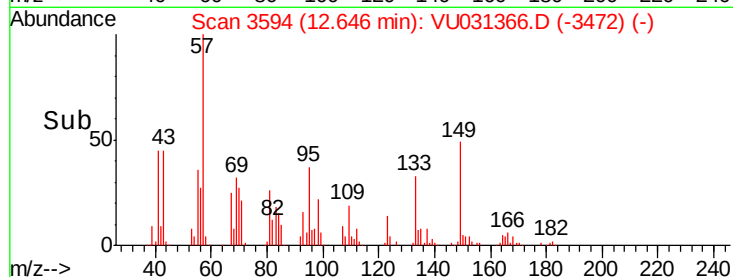
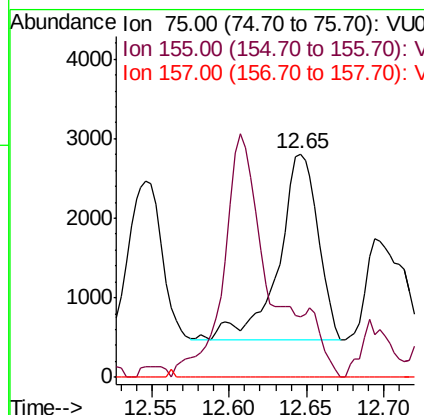
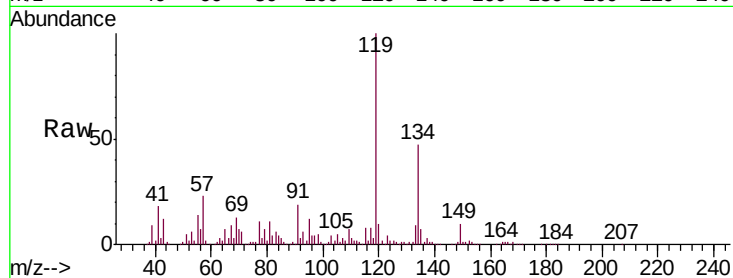




#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.163 ug/L
 RT: 12.65 min Scan# 3594
 Delta R.T. -0.01 min
 Lab File: VU031366.D
 Acq: 19 Apr 2019 17:57

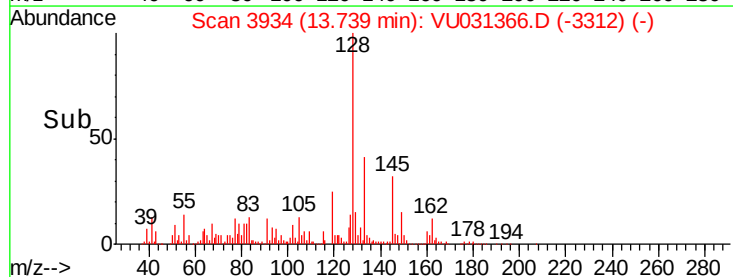
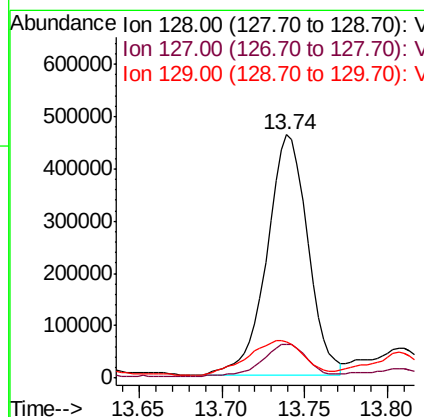
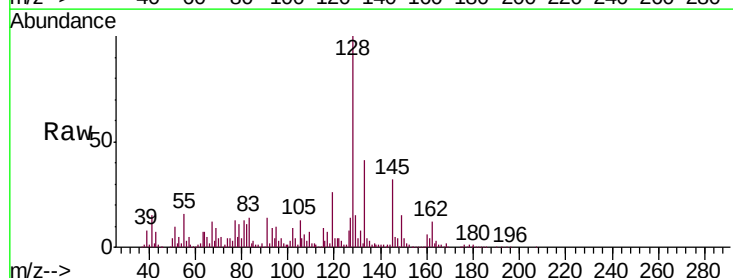
Instrument :
 MSVOA_U
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 GAHR5ME

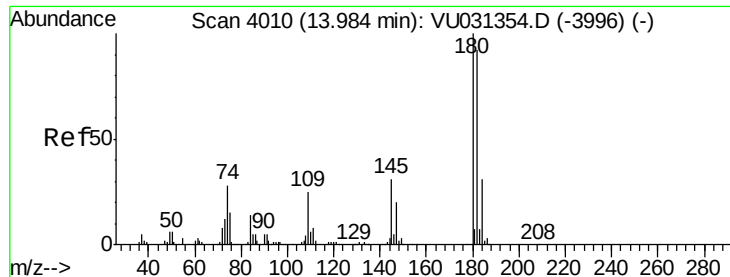
Tgt Ion: 75 Resp: 4156
 Ion Ratio Lower Upper
 75 100
 155 26.9 66.7 100.1#
 157 0.0 86.5 129.7#



#69
 Naphthalene
 Concen: 43.817 ug/L
 RT: 13.74 min Scan# 3934
 Delta R.T. -0.00 min
 Lab File: VU031366.D
 Acq: 19 Apr 2019 17:57

Tgt Ion: 128 Resp: 798340
 Ion Ratio Lower Upper
 128 100
 127 14.5 10.3 15.5
 129 19.8 8.2 12.2#





#70

1,2,3-Trichlorobenzene

Concen: 1.999 ug/L

RT: 13.94 min Scan# 3997

Delta R.T. -0.04 min

Lab File: VU031366.D

Acq: 19 Apr 2019 17:57

Instrument :

MSVOA_U

ClientSampleId :

GAHR5ME

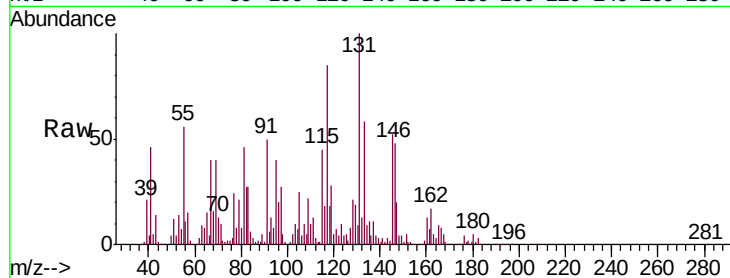
Tgt Ion:180 Resp: 12605

Ion Ratio Lower Upper

180 100

182 47.4 78.2 117.4#

145 3109.6 25.0 37.6#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

