

Data File : VU031533.D
Acq On : 26 Apr 2019 15:19
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX3ME

Quant Time: Apr 27 00:24:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	916744	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	875169	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	406126	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	333280	43.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.88%
7) Chloroethane-d5	1.68	69	218351	36.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.66%
11) 1,1-Dichloroethene-d2	2.24	63	478078	31.29	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.58%
21) 2-Butanone-d5	4.21	46	582406	83.78	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.78%
24) Chloroform-d	4.64	84	536160	38.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.32%
26) 1,2-Dichloroethane-d4	5.31	65	363848	39.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.26%
32) Benzene-d6	5.33	84	1156601	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
36) 1,2-Dichloropropane-d6	6.32	67	402202	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.08%
41) Toluene-d8	7.56	98	1024487	43.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.54%
43) trans-1,3-Dichloropropene-	7.85	79	178290	43.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.86%
47) 2-Hexanone-d5	8.34	63	418043	102.15	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.15%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	504390	39.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	373489	43.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.46%

Target Compounds

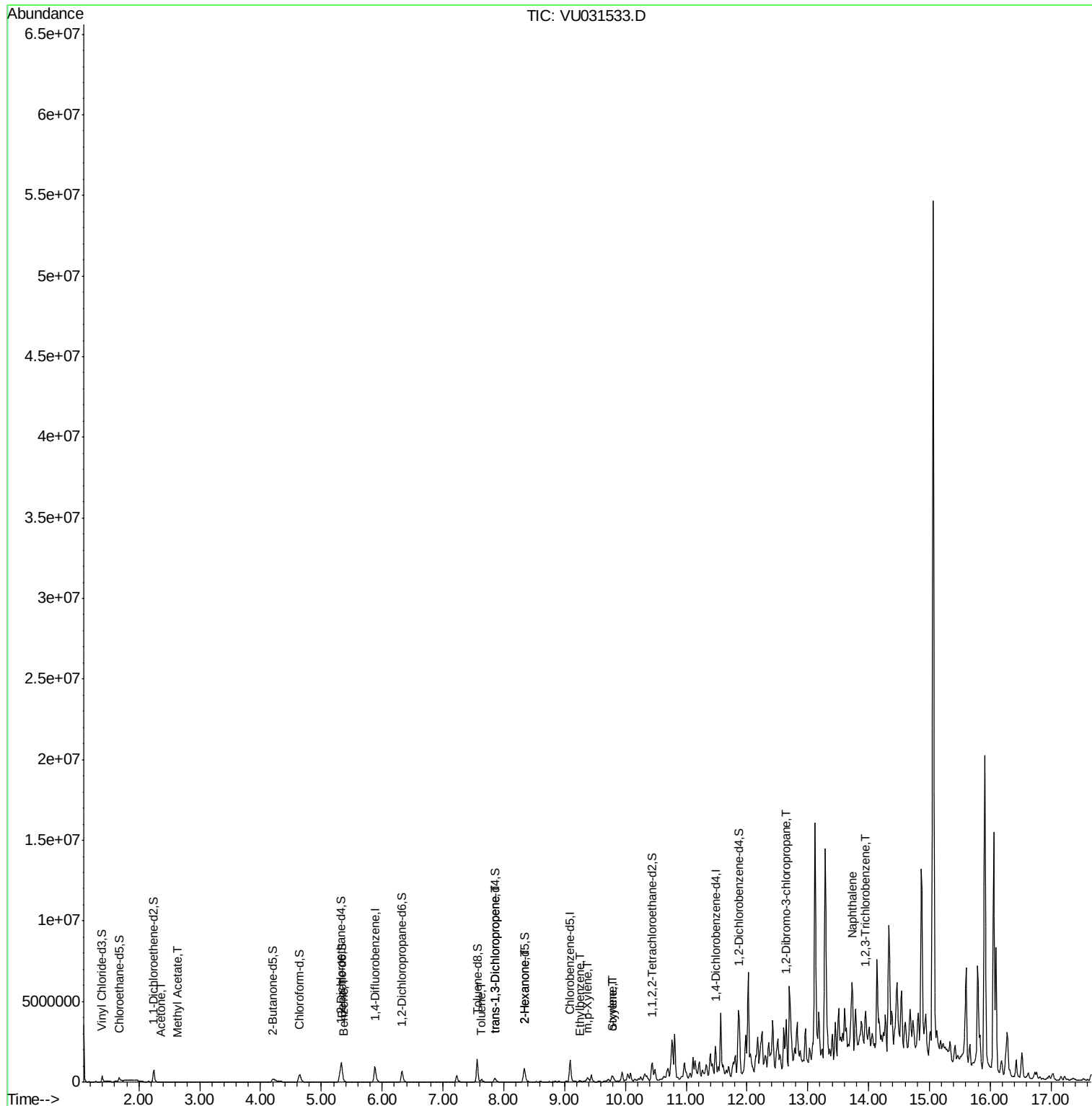
					Qvalue
13) Acetone	2.36	43	4602	0.588 ug/L	68
15) Methyl Acetate	2.63	43	11782	0.994 ug/L #	91
33) Benzene	5.38	78	16828	0.523 ug/L	100
42) Toluene	7.64	91	109803	3.426 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	6734	0.615 ug/L	86
48) 2-Hexanone	8.33	43	57083	5.022 ug/L #	69
52) Ethylbenzene	9.25	91	46979	1.413 ug/L	94
53) m,p-Xylene	9.38	106	66104	5.707 ug/L	96
54) o-xylene	9.78	106	84974	7.399 ug/L	88
55) Styrene	9.80	104	78494	4.001 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	7529	2.271 ug/L #	28
69) Naphthalene	13.74	128	1653890	60.854 ug/L #	93
70) 1,2,3-Trichlorobenzene	13.94	180	14808	1.632 ug/L #	1

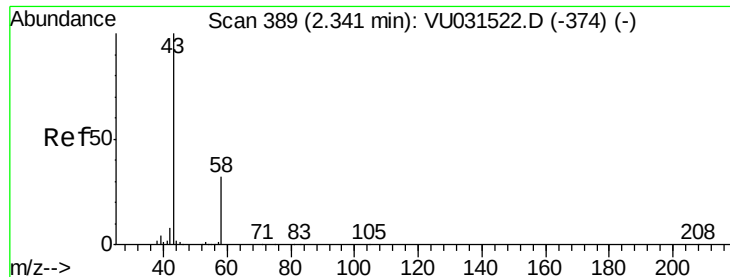
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.588 ug/L

RT: 2.36 min Scan# 394

Delta R.T. 0.02 min

Lab File: VU031533.D

Acq: 26 Apr 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

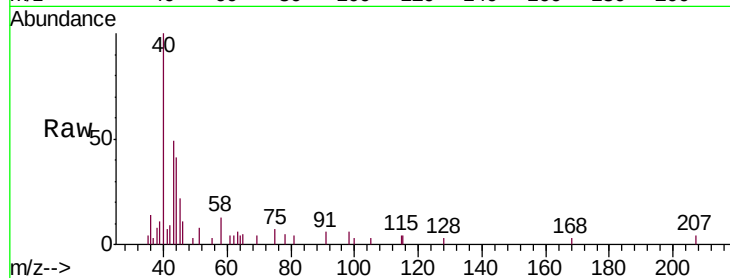
GAHX3ME

Tgt Ion: 43 Resp: 4602

Ion Ratio Lower Upper

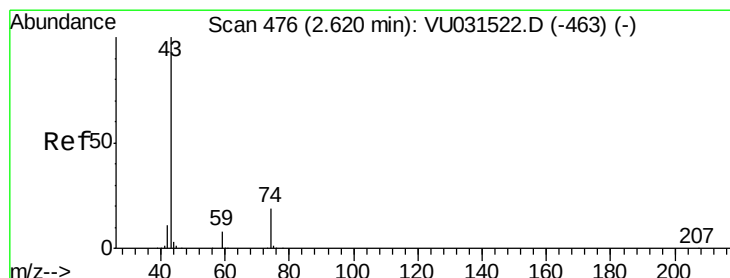
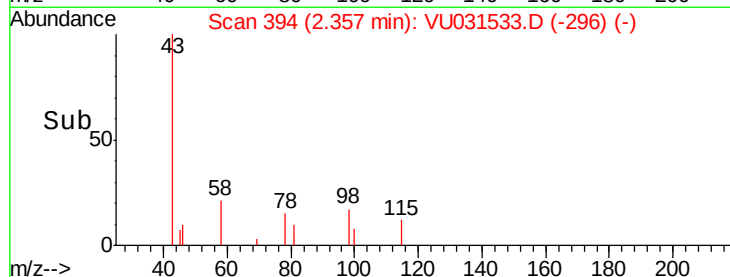
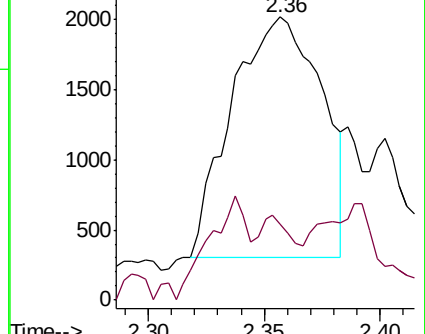
43 100

58 14.4 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031522.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031522.D (-374) (-)



#15

Methyl Acetate

Concen: 0.994 ug/L

RT: 2.63 min Scan# 480

Delta R.T. 0.01 min

Lab File: VU031533.D

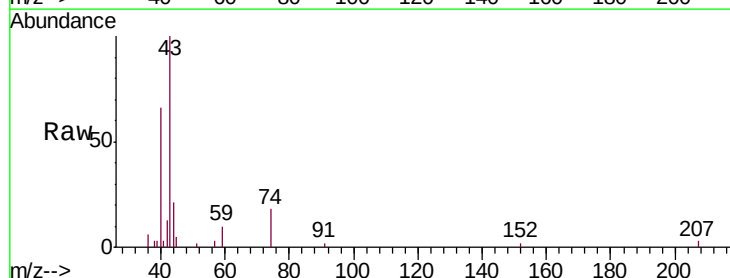
Acq: 26 Apr 2019 15:19

Tgt Ion: 43 Resp: 11782

Ion Ratio Lower Upper

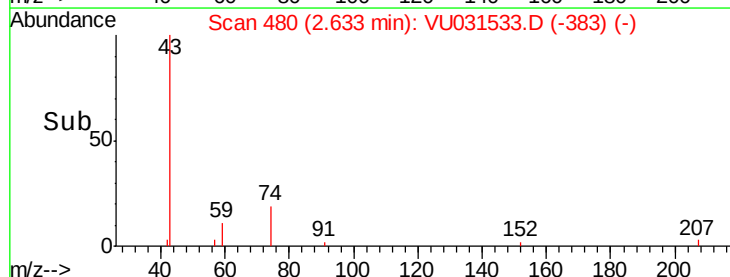
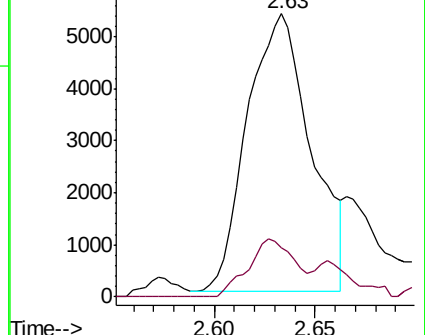
43 100

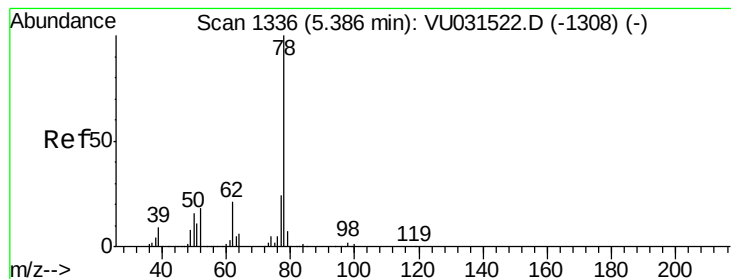
74 15.3 15.7 23.5#



Abundance Ion 43.00 (42.70 to 43.70): VU031522.D (-463) (-)

Ion 74.00 (73.70 to 74.70): VU031522.D (-463) (-)





#33

Benzene

Concen: 0.523 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VU031533.D

Acq: 26 Apr 2019 15:19

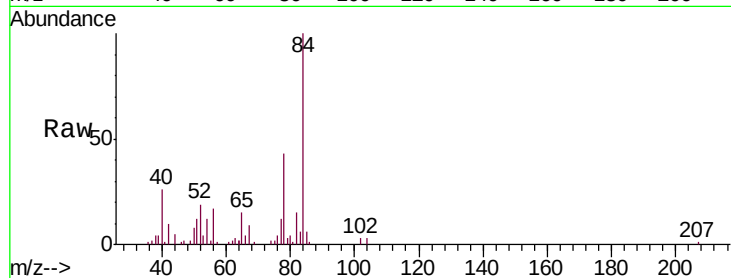
Instrument :

MSVOA_U

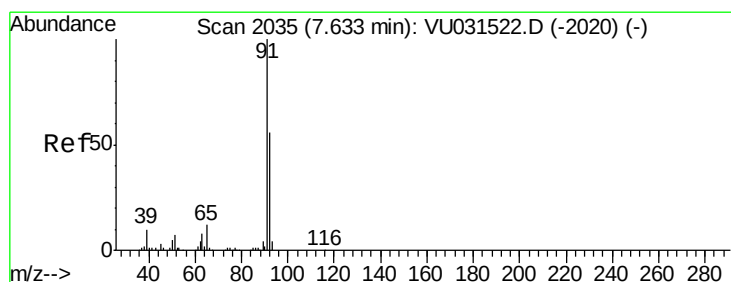
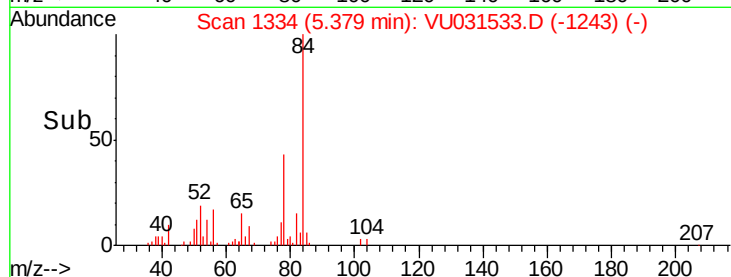
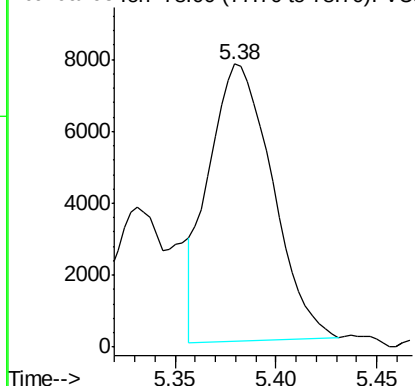
ClientSampleId :

GAHX3ME

Tgt Ion: 78 Resp: 16828



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 3.426 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031533.D

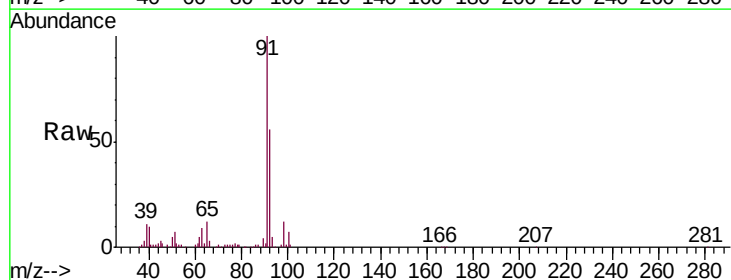
Acq: 26 Apr 2019 15:19

Tgt Ion: 91 Resp: 109803

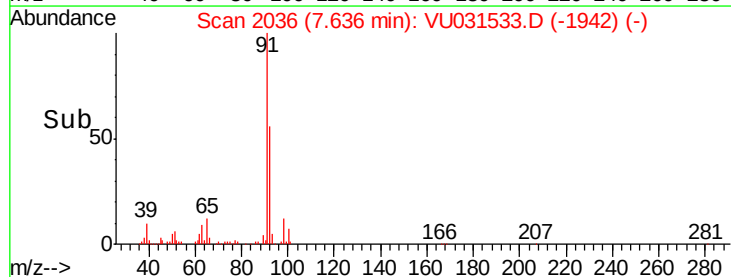
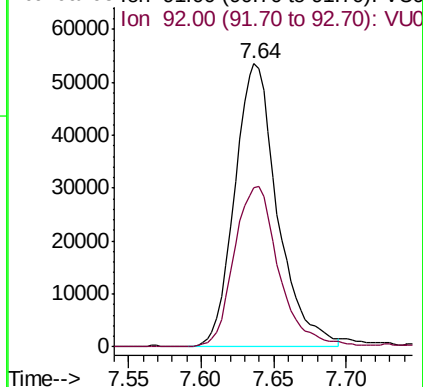
Ion Ratio Lower Upper

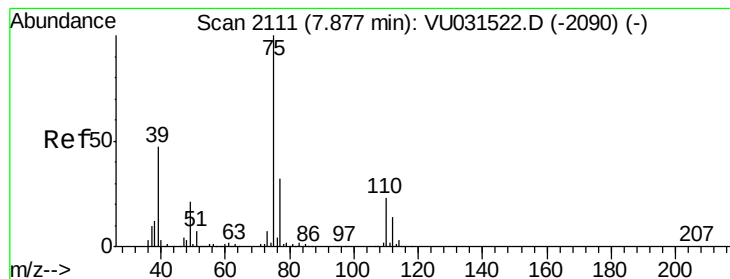
91 100

92 56.2 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.615 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031533.D

Acq: 26 Apr 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

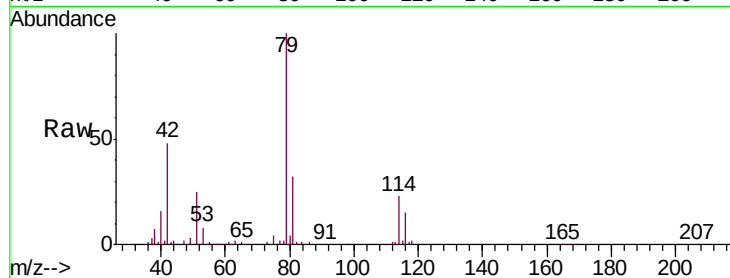
GAHX3ME

Tgt Ion: 75 Resp: 6734

Ion Ratio Lower Upper

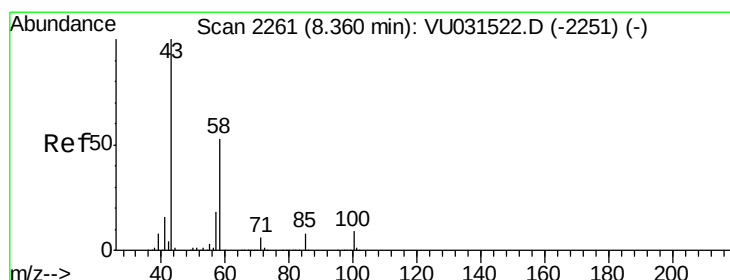
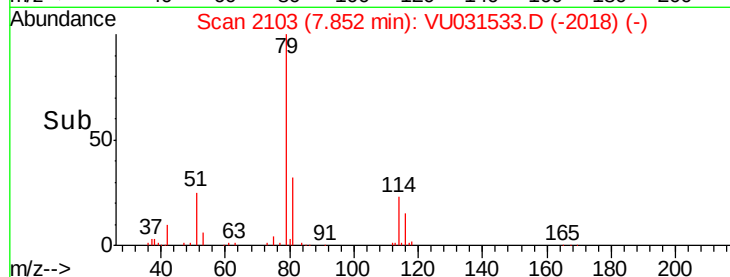
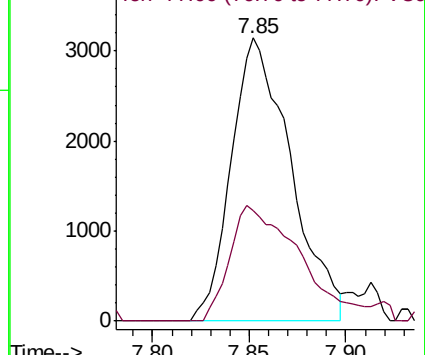
75 100

77 39.1 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031522.D (-2090) (-)

Ion 77.00 (76.70 to 77.70): VU031522.D (-2090) (-)



#48

2-Hexanone

Concen: 5.022 ug/L

RT: 8.33 min Scan# 2253

Delta R.T. -0.03 min

Lab File: VU031533.D

Acq: 26 Apr 2019 15:19

Tgt Ion: 43 Resp: 57083

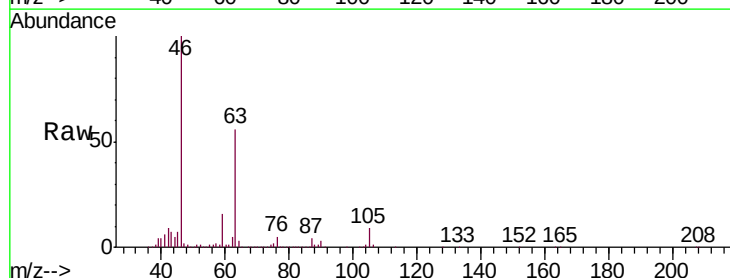
Ion Ratio Lower Upper

43 100

58 25.3 42.1 63.1#

57 24.3 14.6 22.0#

100 0.4 7.2 10.8#

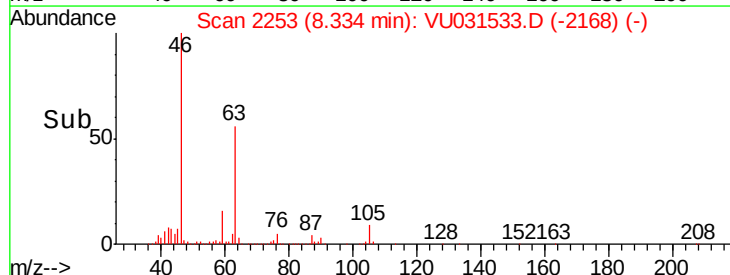
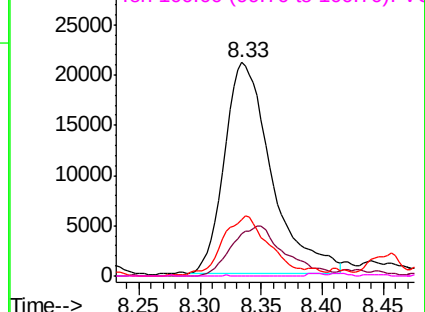


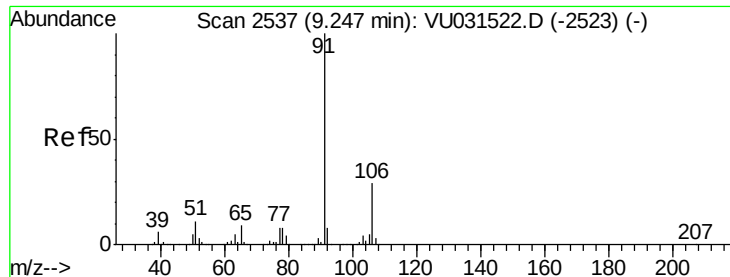
Abundance Ion 43.00 (42.70 to 43.70): VU031522.D (-2251) (-)

Ion 58.00 (57.70 to 58.70): VU031522.D (-2251) (-)

Ion 57.00 (56.70 to 57.70): VU031522.D (-2251) (-)

Ion 100.00 (99.70 to 100.70): VU031522.D (-2251) (-)





#52

Ethylbenzene

Concen: 1.413 ug/L

RT: 9.25 min Scan# 2539

Delta R.T. 0.01 min

Lab File: VU031533.D

Acq: 26 Apr 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

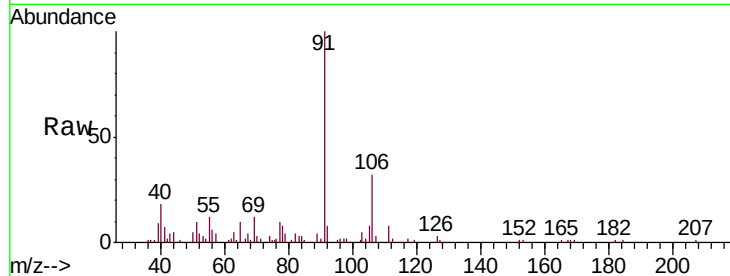
GAHX3ME

Tgt Ion: 91 Resp: 46979

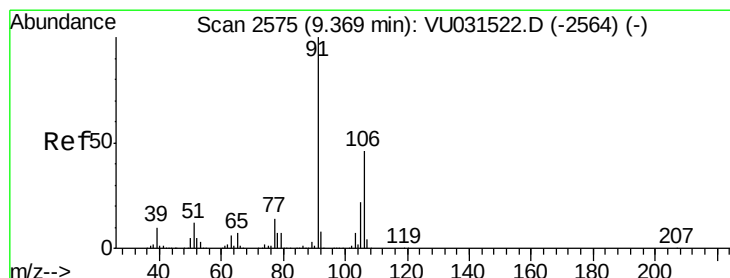
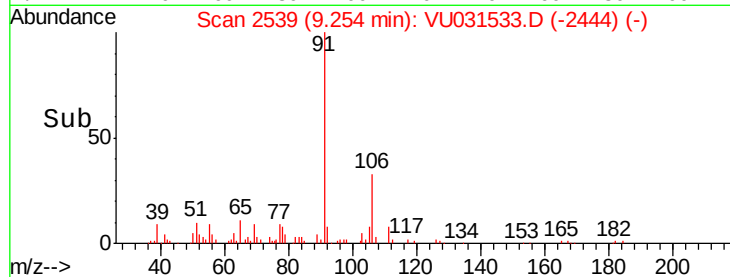
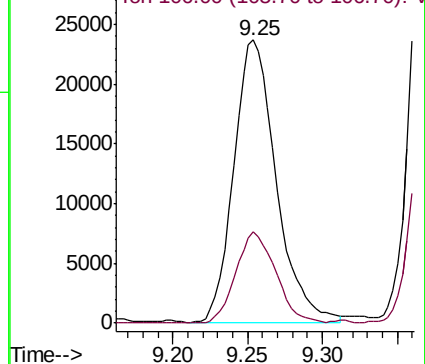
Ion Ratio Lower Upper

91 100

106 32.3 20.4 37.8



Abundance Ion 91.00 (90.70 to 91.70): VU031522.D (-2523) (-)



#53

m,p-Xylene

Concen: 5.707 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.01 min

Lab File: VU031533.D

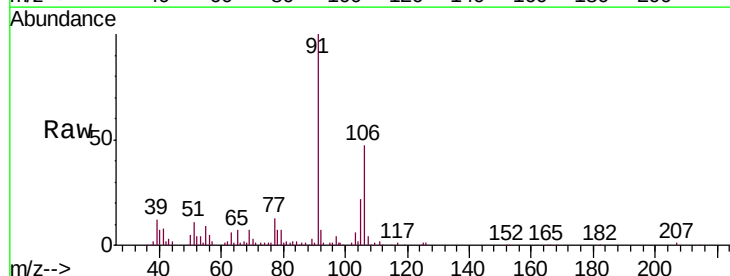
Acq: 26 Apr 2019 15:19

Tgt Ion: 106 Resp: 66104

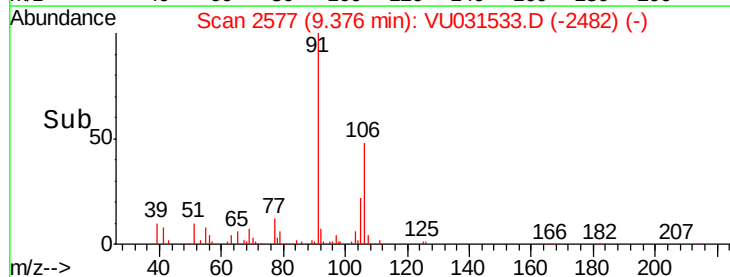
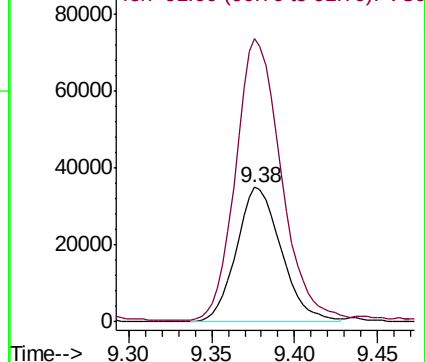
Ion Ratio Lower Upper

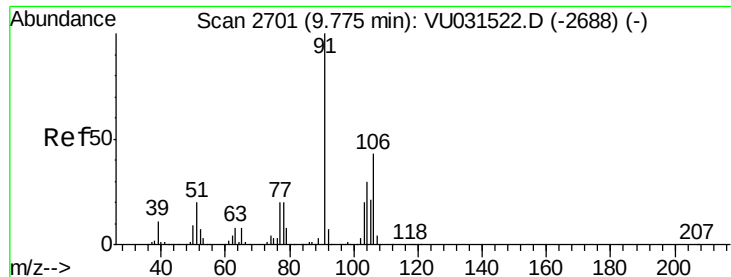
106 100

91 210.8 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): VU031522.D (-2564) (-)





#54

o-xylene

Concen: 7.399 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU031533.D

Acq: 26 Apr 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

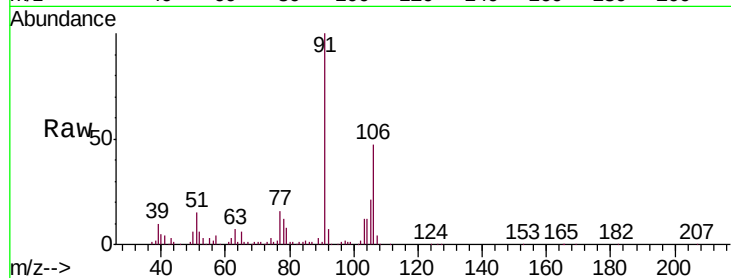
GAHX3ME

Tgt Ion:106 Resp: 84974

Ion Ratio Lower Upper

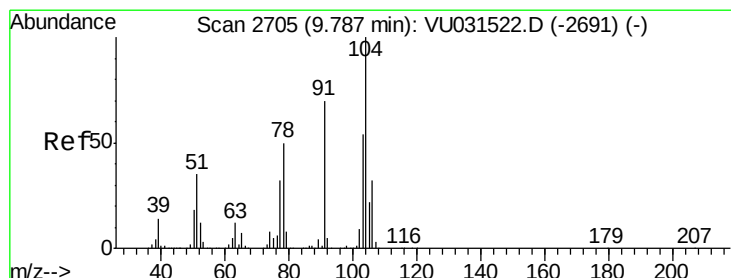
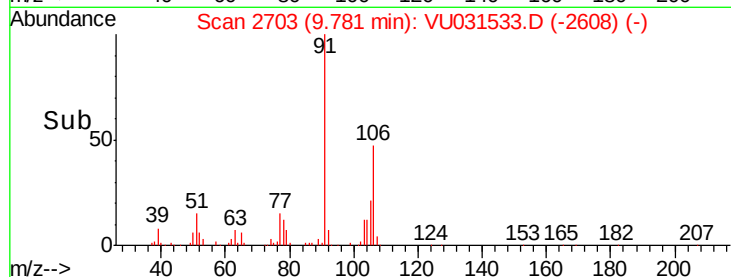
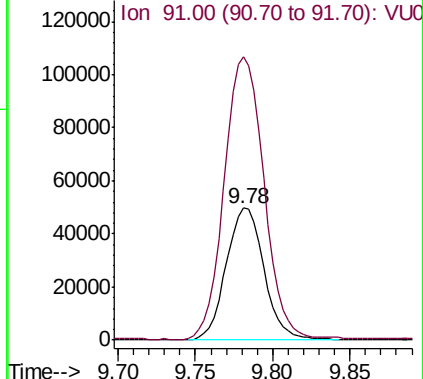
106 100

91 213.9 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 4.001 ug/L

RT: 9.80 min Scan# 2709

Delta R.T. 0.01 min

Lab File: VU031533.D

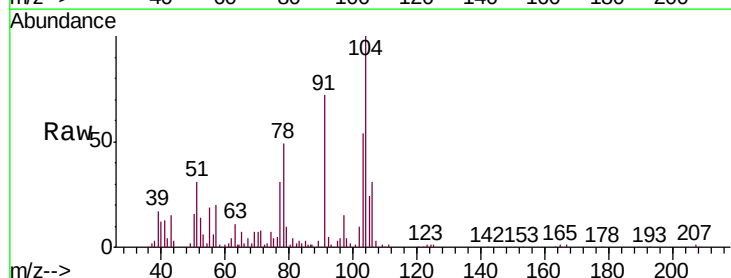
Acq: 26 Apr 2019 15:19

Tgt Ion:104 Resp: 78494

Ion Ratio Lower Upper

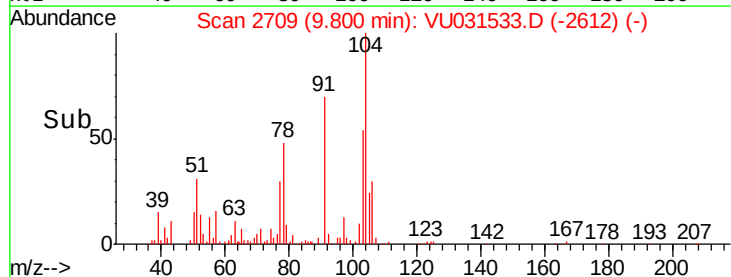
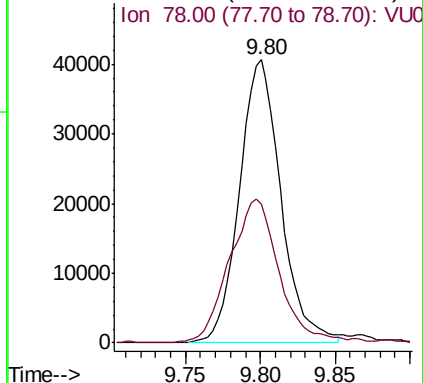
104 100

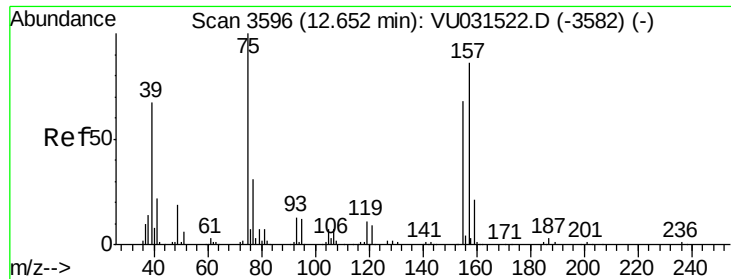
78 48.8 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

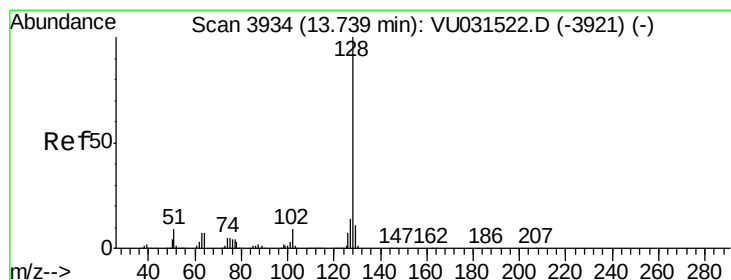
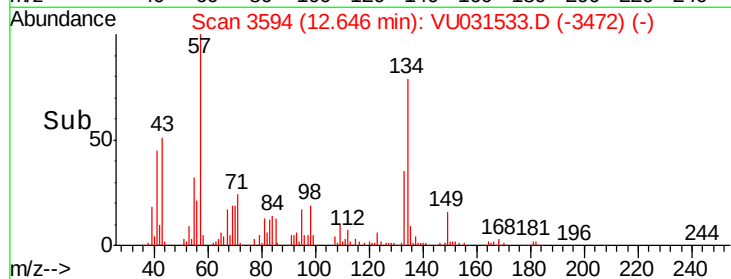
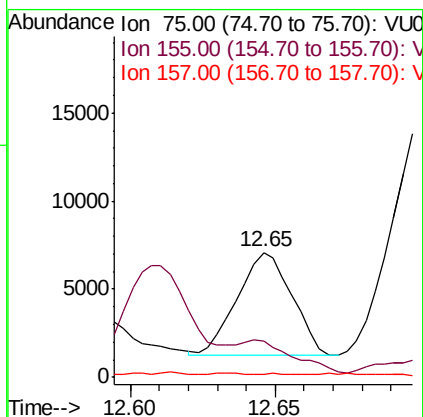
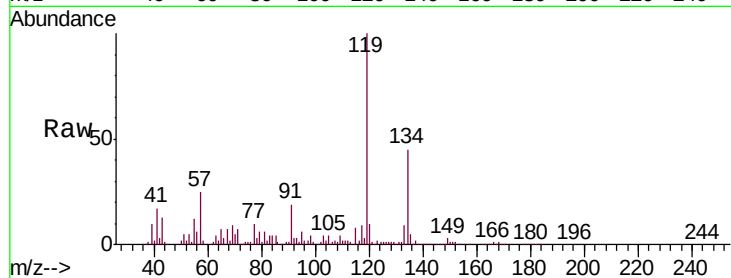




#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.271 ug/L
 RT: 12.65 min Scan# 3594
 Delta R.T. -0.01 min
 Lab File: VU031533.D
 Acq: 26 Apr 2019 15:19

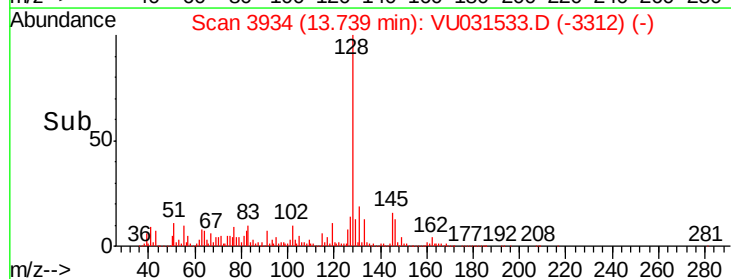
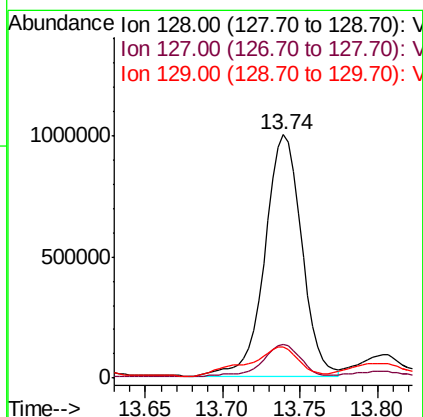
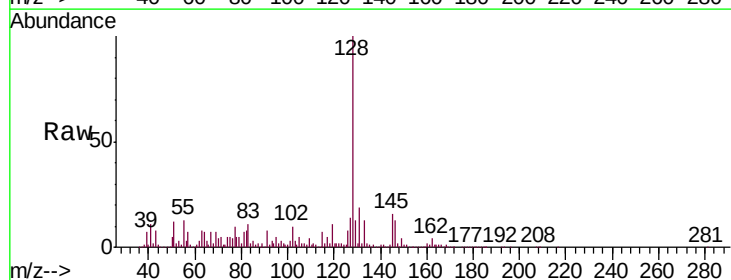
Instrument :
 MSVOA_U
 ClientSampleId :
 GAHX3ME

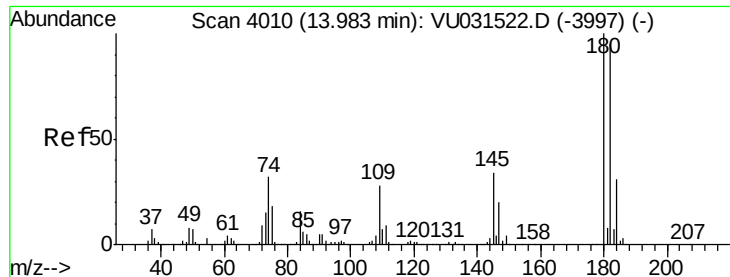
Tgt Ion: 75 Resp: 7529
 Ion Ratio Lower Upper
 75 100
 155 29.1 54.0 81.0#
 157 2.0 69.1 103.7#



#69
 Naphthalene
 Concen: 60.854 ug/L
 RT: 13.74 min Scan# 3934
 Delta R.T. 0.00 min
 Lab File: VU031533.D
 Acq: 26 Apr 2019 15:19

Tgt Ion: 128 Resp: 1653890
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.6 15.8
 129 16.4 8.7 13.1#





#70
 1,2,3-Trichlorobenzene
 Concen: 1.632 ug/L
 RT: 13.94 min Scan# 3997
 Delta R.T. -0.04 min
 Lab File: VU031533.D
 Acq: 26 Apr 2019 15:19

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHX3ME

Tgt Ion:180 Resp: 14808
 Ion Ratio Lower Upper
 180 100
 182 33.7 76.1 114.1#
 145 2827.4 26.0 39.0#

