

Data File : VU031708.D
Acq On : 02 May 2019 13:35
Operator : JC/SP
Sample : K2633-19 50X
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJB1

Quant Time: May 03 04:41:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1008730	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	947589	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	444269	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	210392	24.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	49.84%#
7) Chloroethane-d5	1.68	69	191379	29.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.66%#
11) 1,1-Dichloroethene-d2	2.27	63	345199	20.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	41.06%#
21) 2-Butanone-d5	4.19	46	729057	95.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.31%
24) Chloroform-d	4.64	84	524580	33.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.86%#
26) 1,2-Dichloroethane-d4	5.31	65	348814	34.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.06%#
32) Benzene-d6	5.34	84	1021454	35.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.20%
36) 1,2-Dichloropropane-d6	6.32	67	394076	38.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.98%
41) Toluene-d8	7.56	98	894724	35.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.60%#
43) trans-1,3-Dichloropropene-	7.85	79	168998	38.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.92%
47) 2-Hexanone-d5	8.31	63	500795	113.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	563332	41.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	372291	39.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.70%#

Target Compounds

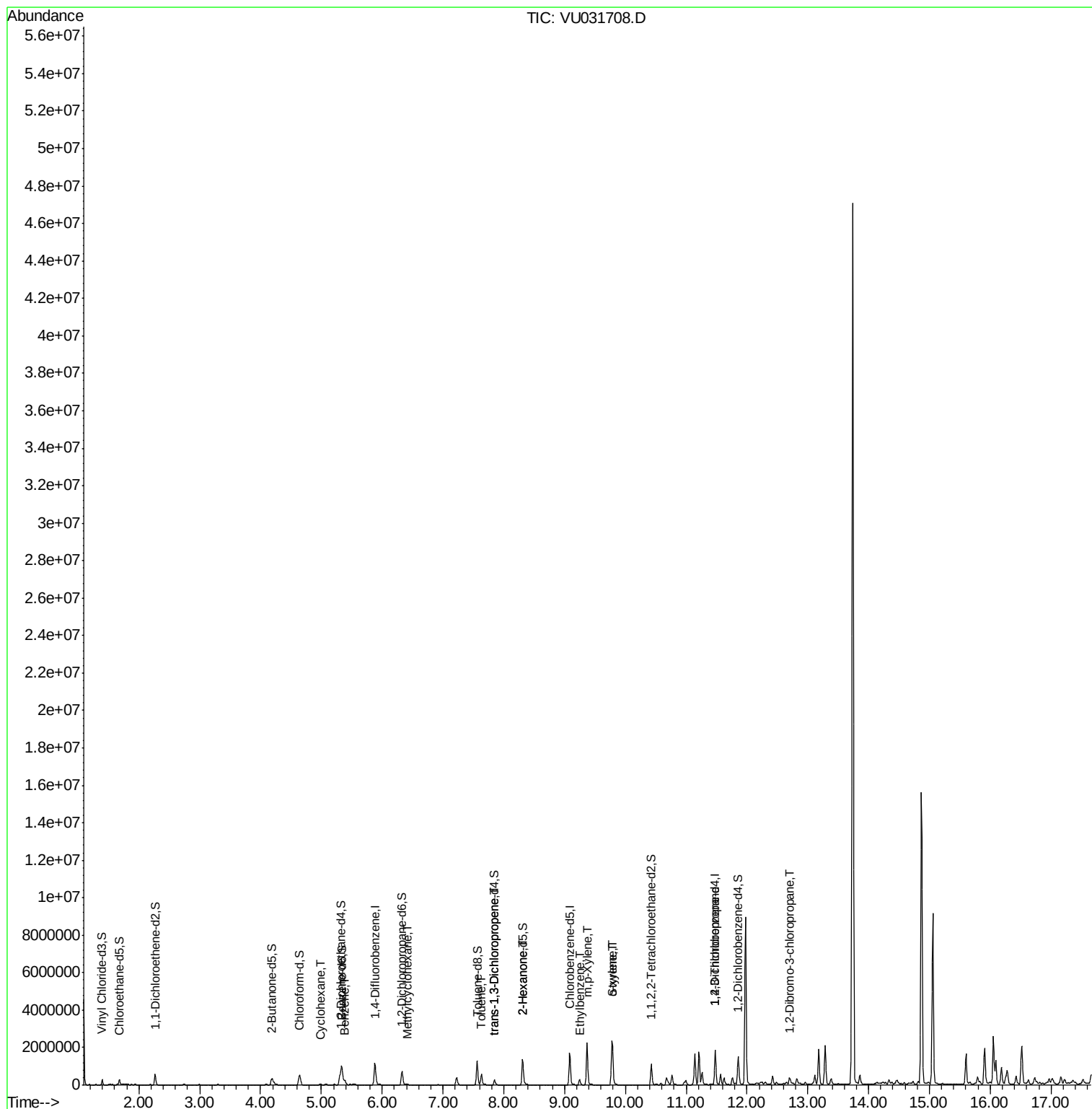
					Qvalue
29) Cyclohexane	4.99	56	17243	1.150 ug/L #	91
33) Benzene	5.39	78	244115	7.007 ug/L	100
35) Methylcyclohexane	6.41	83	22221	1.756 ug/L	98
42) Toluene	7.63	91	461998	13.312 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	6399	0.540 ug/L #	67
48) 2-Hexanone	8.31	43	59086	4.801 ug/L #	71
52) Ethylbenzene	9.25	91	224857	6.246 ug/L	99
53) m,p-Xylene	9.37	106	644334	51.372 ug/L	97
54) o-xylene	9.77	106	294188	23.659 ug/L	94
55) Styrene	9.79	104	859736	40.469 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	59635	5.086 ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.71	75	3898	1.075 ug/L #	13

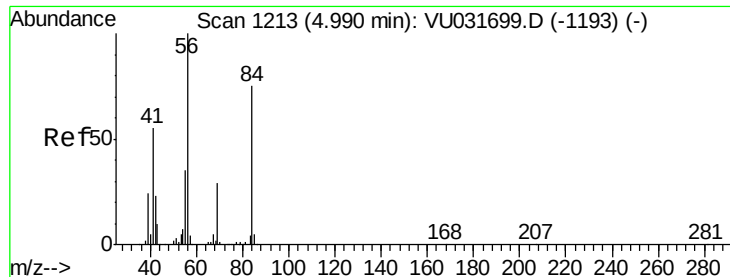
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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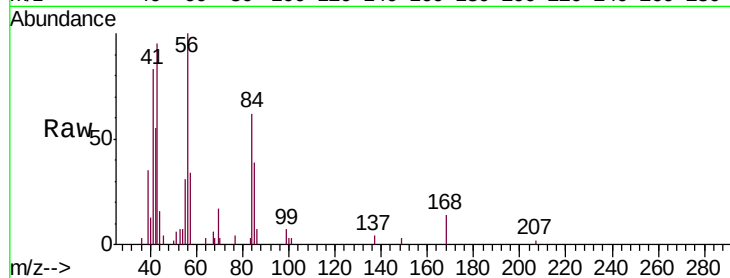




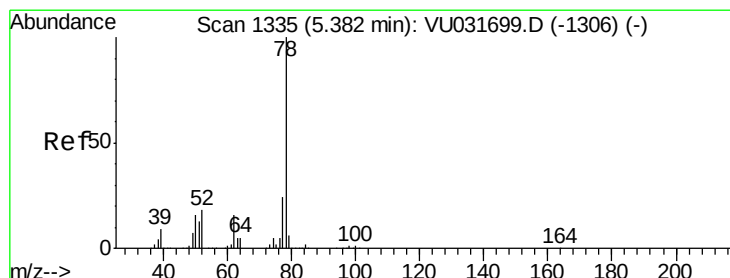
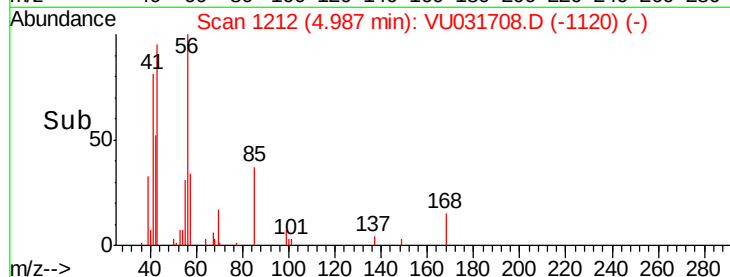
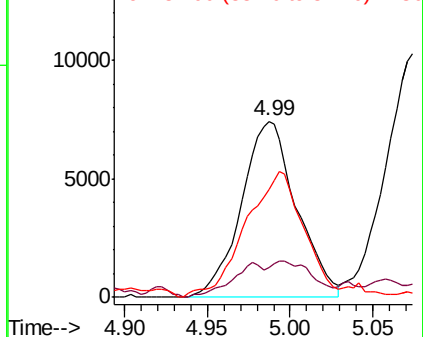
#29
Cyclohexane
Concen: 1.150 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU031708.D
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Instrument :
MSVOA_U
ClientSampled :
GAJB1

Tgt Ion: 56 Resp: 17243
Ion Ratio Lower Upper
56 100
69 16.0 22.3 33.5#
84 75.1 57.5 86.3

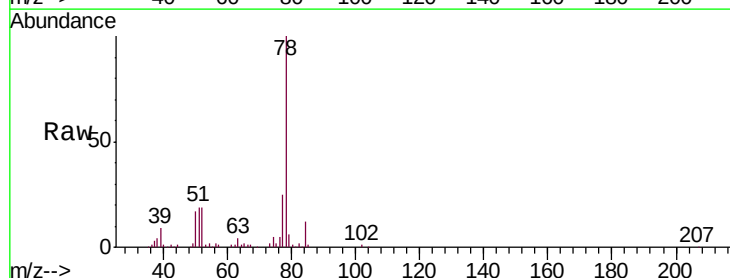


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

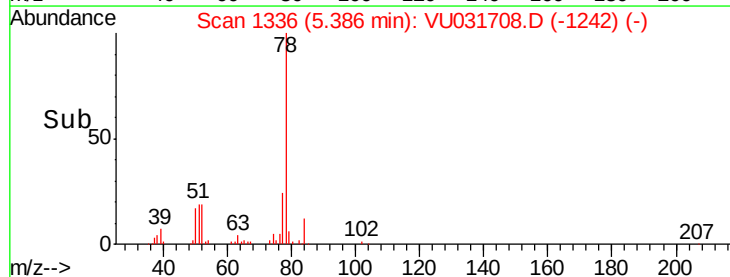
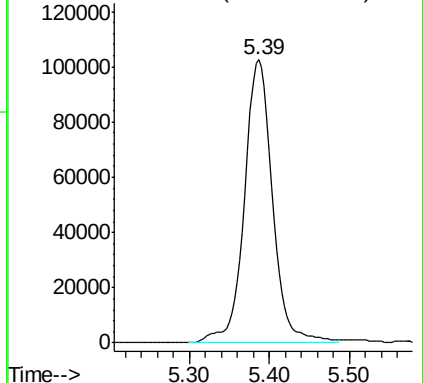


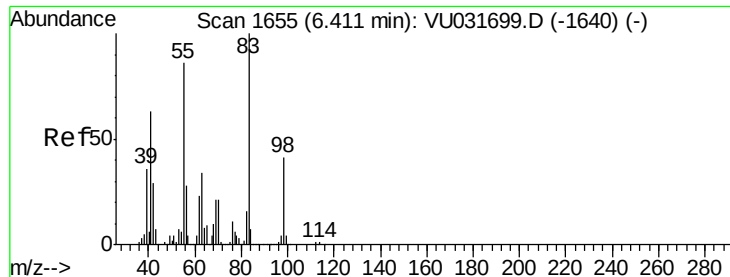
#33
Benzene
Concen: 7.007 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU031708.D
Acq: 02 May 2019 13:35

Tgt Ion: 78 Resp: 244115



Abundance Ion 78.00 (77.70 to 78.70): VU0

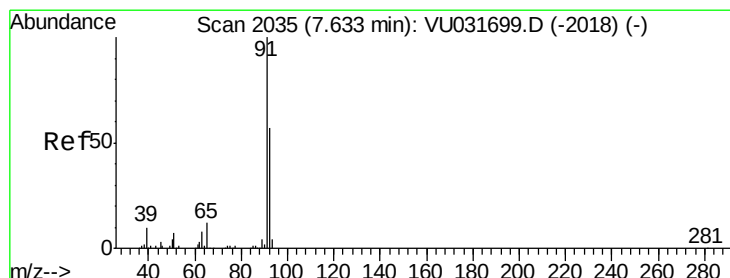
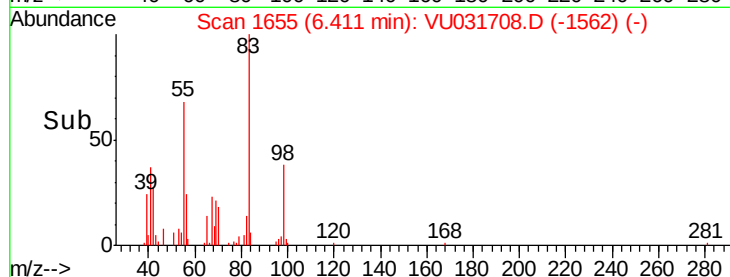
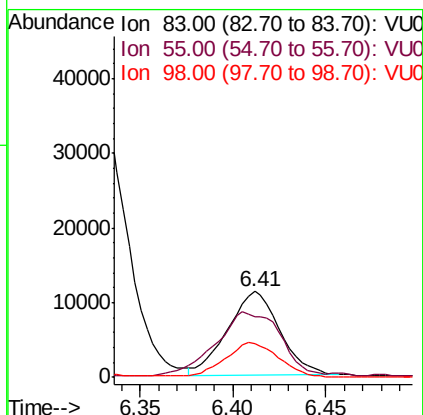
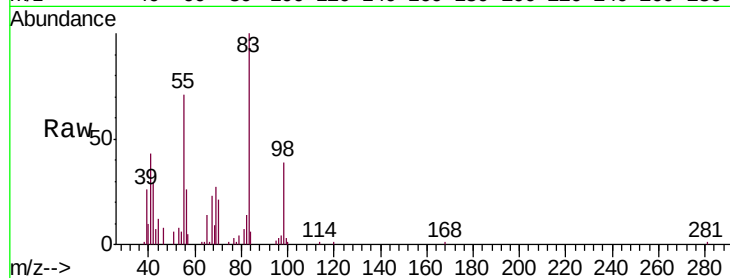




#35
Methylcyclohexane
Concen: 1.756 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU031708.D
Acq: 02 May 2019 13:35

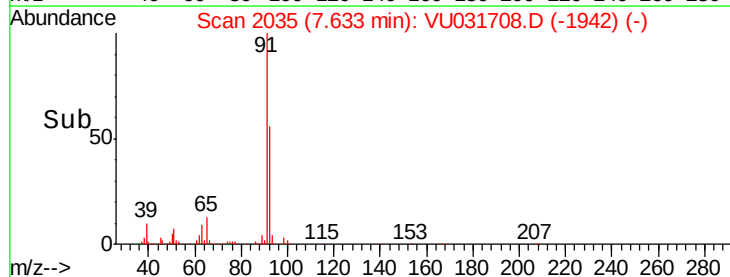
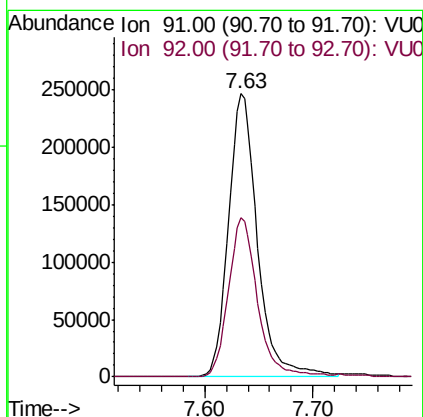
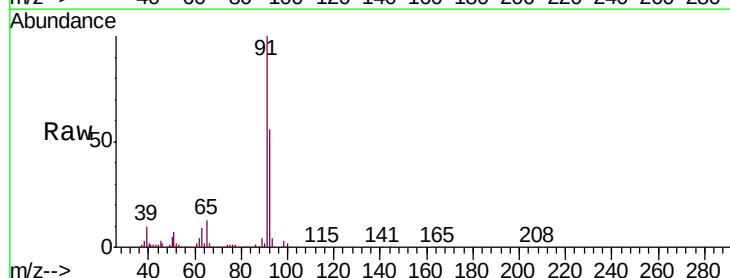
Instrument :
MSVOA_U
ClientSampleId :
GAJB1

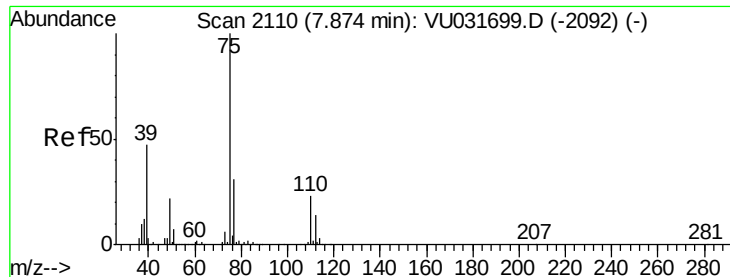
Tgt Ion: 83 Resp: 22221
Ion Ratio Lower Upper
83 100
55 92.9 73.0 109.4
98 42.2 35.3 52.9



#42
Toluene
Concen: 13.312 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU031708.D
Acq: 02 May 2019 13:35

Tgt Ion: 91 Resp: 461998
Ion Ratio Lower Upper
91 100
92 56.1 39.0 72.4





#44

trans-1,3-Dichloropropene

Concen: 0.540 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031708.D

Acq: 02 May 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

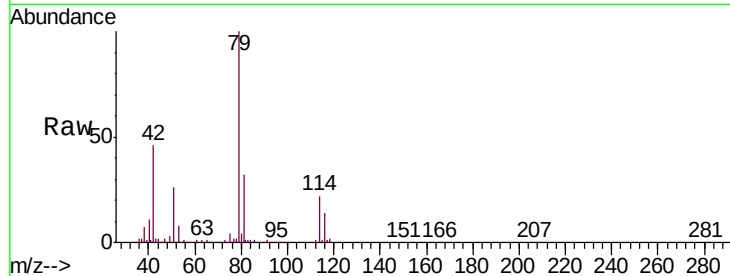
GAJB1

Tgt Ion: 75 Resp: 6399

Ion Ratio Lower Upper

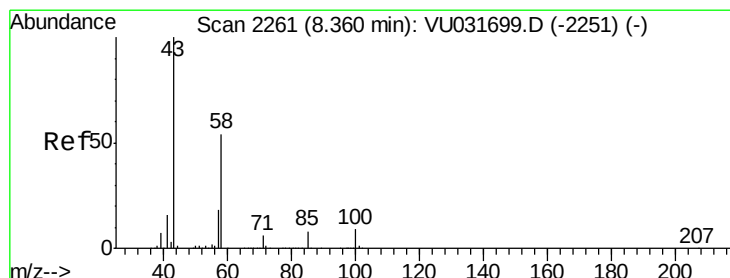
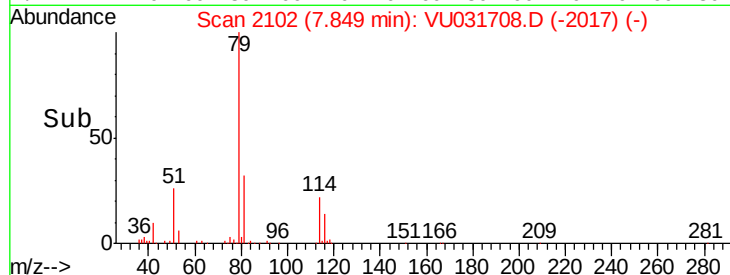
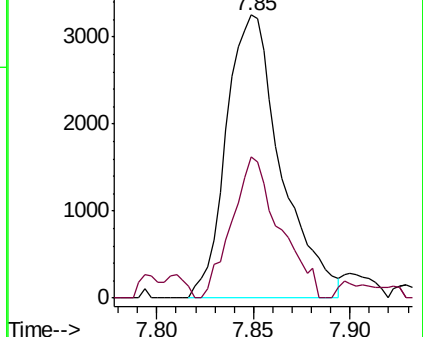
75 100

77 50.0 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031699.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031699.D (-2092) (-)



#48

2-Hexanone

Concen: 4.801 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU031708.D

Acq: 02 May 2019 13:35

Tgt Ion: 43 Resp: 59086

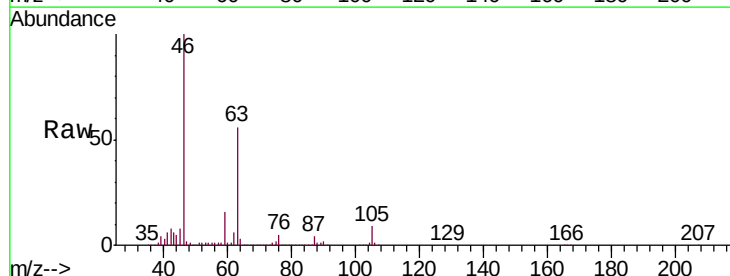
Ion Ratio Lower Upper

43 100

58 28.9 42.1 63.1#

57 25.5 14.6 22.0#

100 0.1 7.2 10.8#

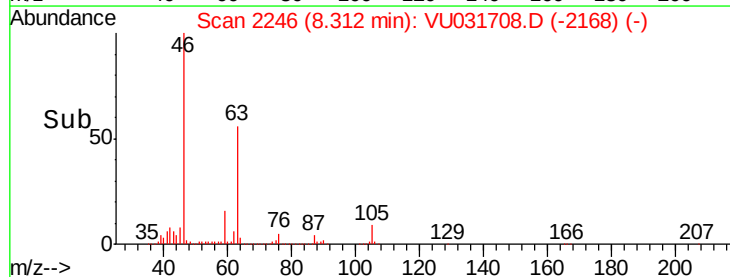
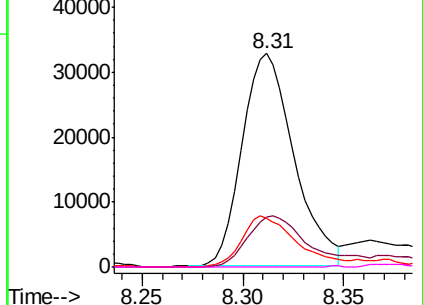


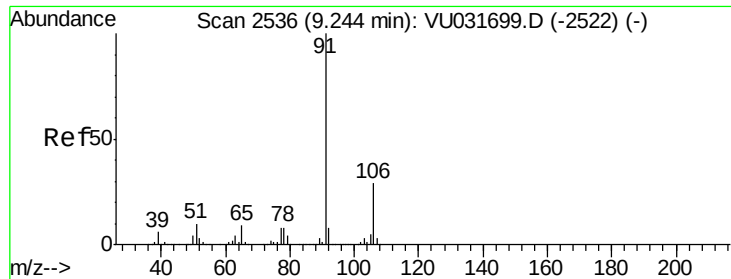
Abundance Ion 43.00 (42.70 to 43.70): VU031699.D (-2251) (-)

Ion 58.00 (57.70 to 58.70): VU031699.D (-2251) (-)

Ion 57.00 (56.70 to 57.70): VU031699.D (-2251) (-)

Ion 100.00 (99.70 to 100.70): VU031699.D (-2251) (-)





#52

Ethylbenzene

Concen: 6.246 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU031708.D

Acq: 02 May 2019 13:35

Instrument :

MSVOA_U

ClientSampled :

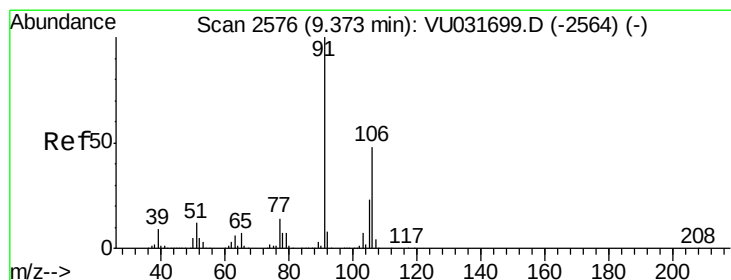
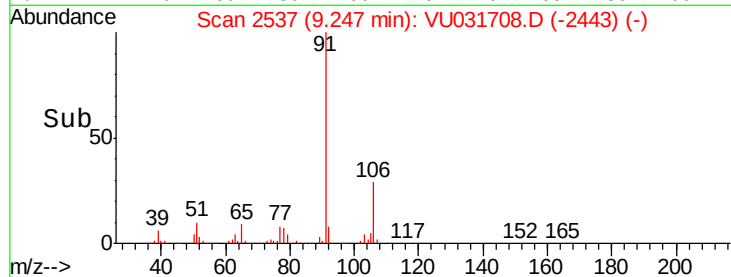
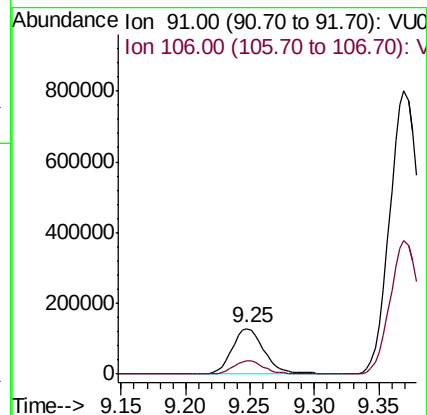
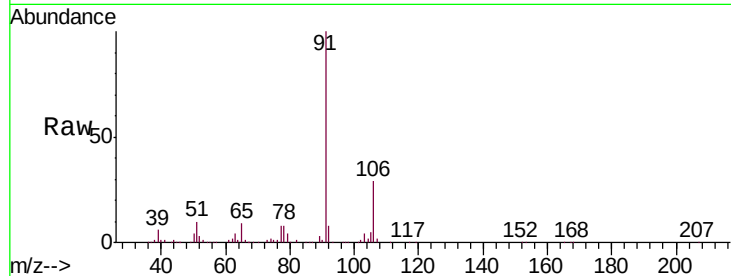
GAJB1

Tgt Ion: 91 Resp: 224857

Ion Ratio Lower Upper

91 100

106 29.4 20.4 37.8



#53

m,p-Xylene

Concen: 51.372 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU031708.D

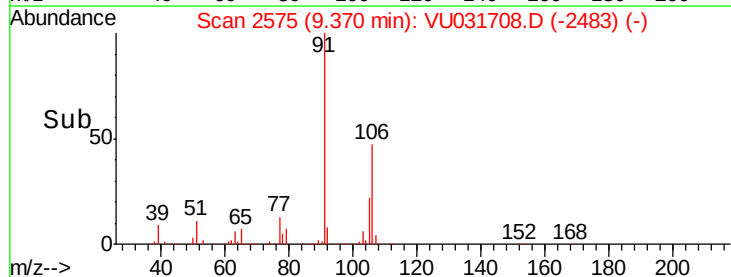
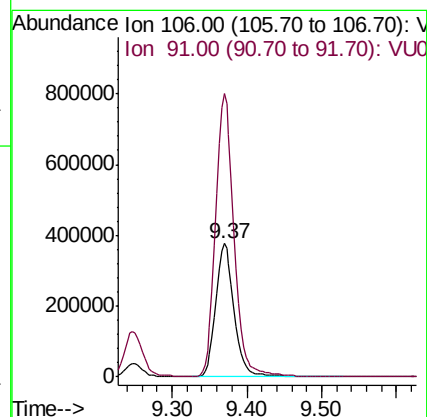
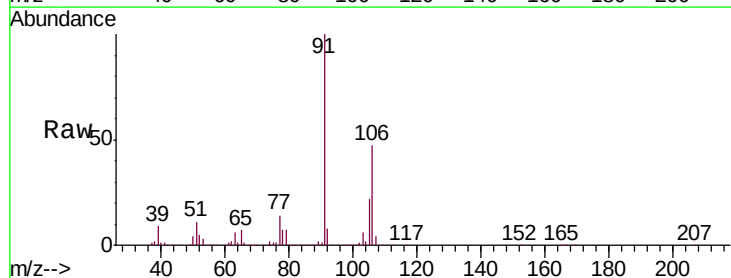
Acq: 02 May 2019 13:35

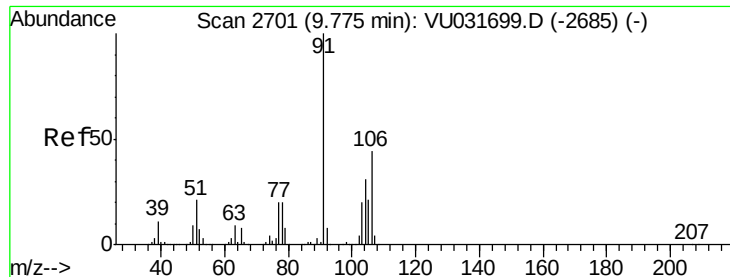
Tgt Ion: 106 Resp: 644334

Ion Ratio Lower Upper

106 100

91 212.0 152.2 282.6





#54

o-xylene

Concen: 23.659 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU031708.D

Acq: 02 May 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

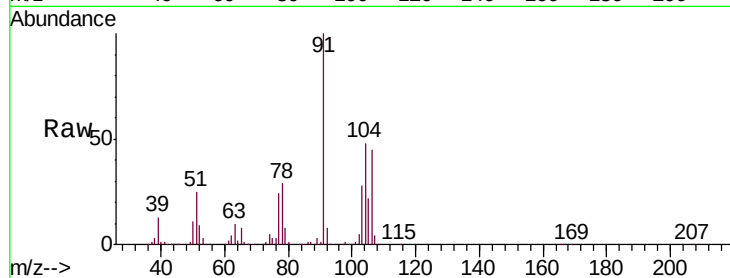
GAJB1

Tgt Ion:106 Resp: 294188

Ion Ratio Lower Upper

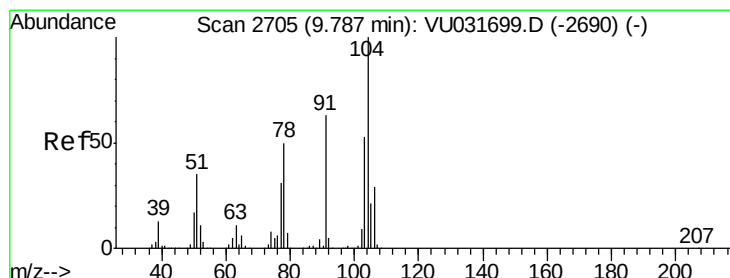
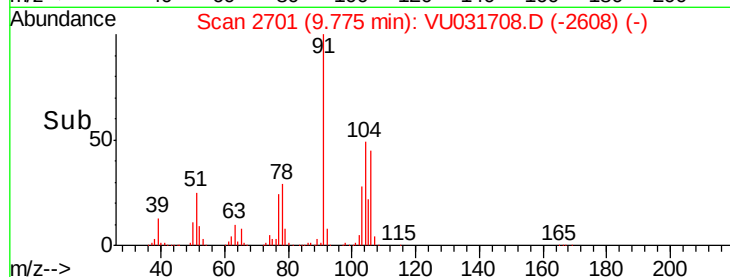
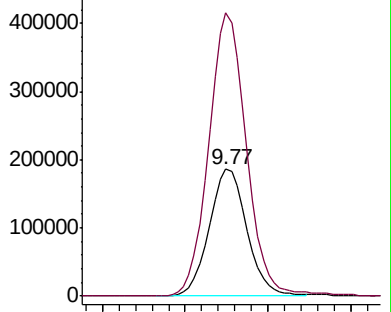
106 100

91 223.2 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 40.469 ug/L

RT: 9.79 min Scan# 2705

Delta R.T. 0.00 min

Lab File: VU031708.D

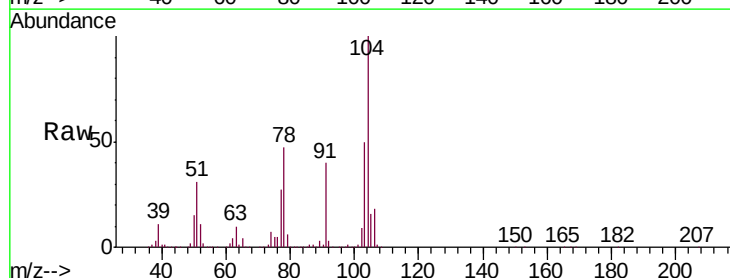
Acq: 02 May 2019 13:35

Tgt Ion:104 Resp: 859736

Ion Ratio Lower Upper

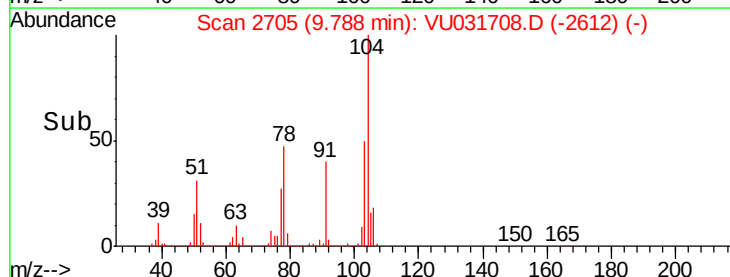
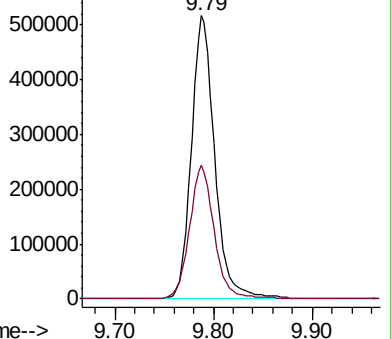
104 100

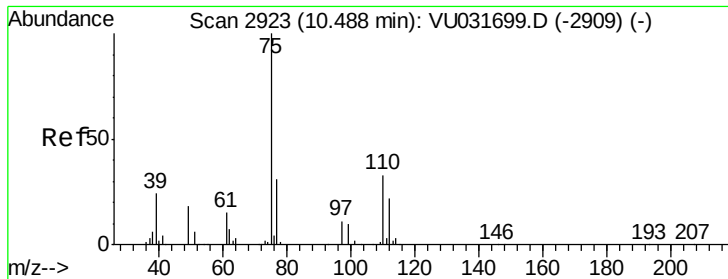
78 47.3 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.086 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031708.D

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MSVOA_U

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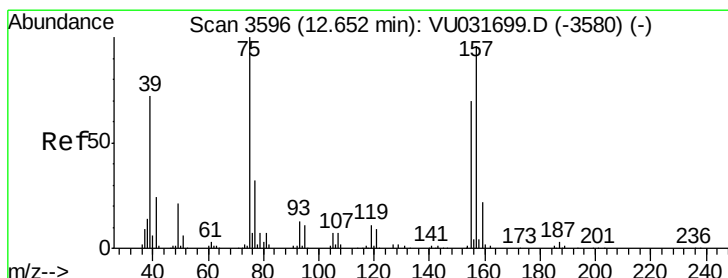
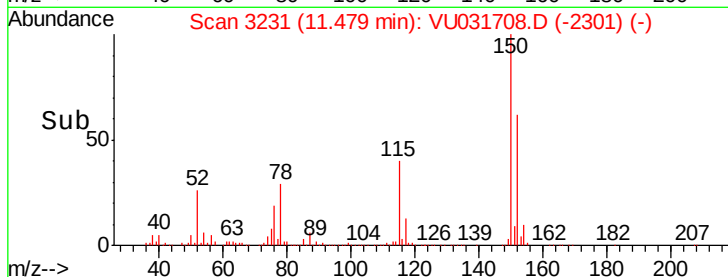
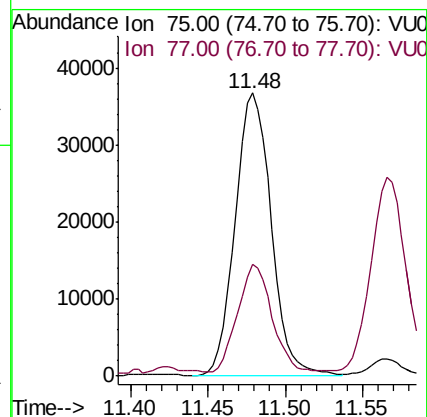
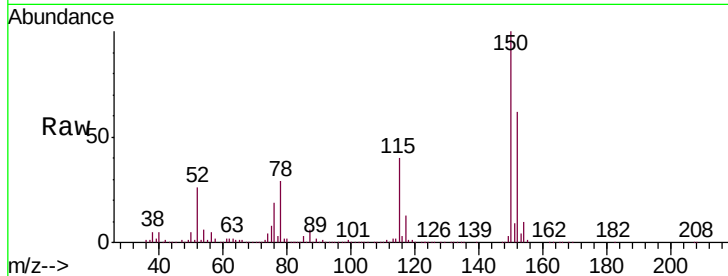
GAJB1

Tgt Ion: 75 Resp: 59635

Ion Ratio Lower Upper

75 100

77 35.9 25.9 38.9



#66

1,2-Dibromo-3-chloropropane

Concen: 1.075 ug/L

RT: 12.71 min Scan# 3614

Delta R.T. 0.06 min

Lab File: VU031708.D

Acq: 02 May 2019 13:35

Tgt Ion: 75 Resp: 3898

Ion Ratio Lower Upper

75 100

155 5.4 54.0 81.0#

157 0.0 69.1 103.7#

