

Data File : VU031694.D
Acq On : 01 May 2019 18:58
Operator : JC/SP
Sample : K2603-17 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

Quant Time: May 02 02:29:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1024887	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	967838	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	477930	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	246558	28.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.48%#
7) Chloroethane-d5	1.68	69	218999	33.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.08%#
11) 1,1-Dichloroethene-d2	2.26	63	400950	23.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.94%#
21) 2-Butanone-d5	4.19	46	762470	98.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.11%
24) Chloroform-d	4.64	84	564118	35.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.82%
26) 1,2-Dichloroethane-d4	5.31	65	390666	38.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.12%
32) Benzene-d6	5.33	84	1136411	38.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.48%
36) 1,2-Dichloropropane-d6	6.32	67	419537	40.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.24%
41) Toluene-d8	7.56	98	988435	38.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.36%#
43) trans-1,3-Dichloropropene-	7.85	79	185002	41.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.44%
47) 2-Hexanone-d5	8.32	63	534307	118.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	610806	43.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	401893	39.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.98%#

Target Compounds

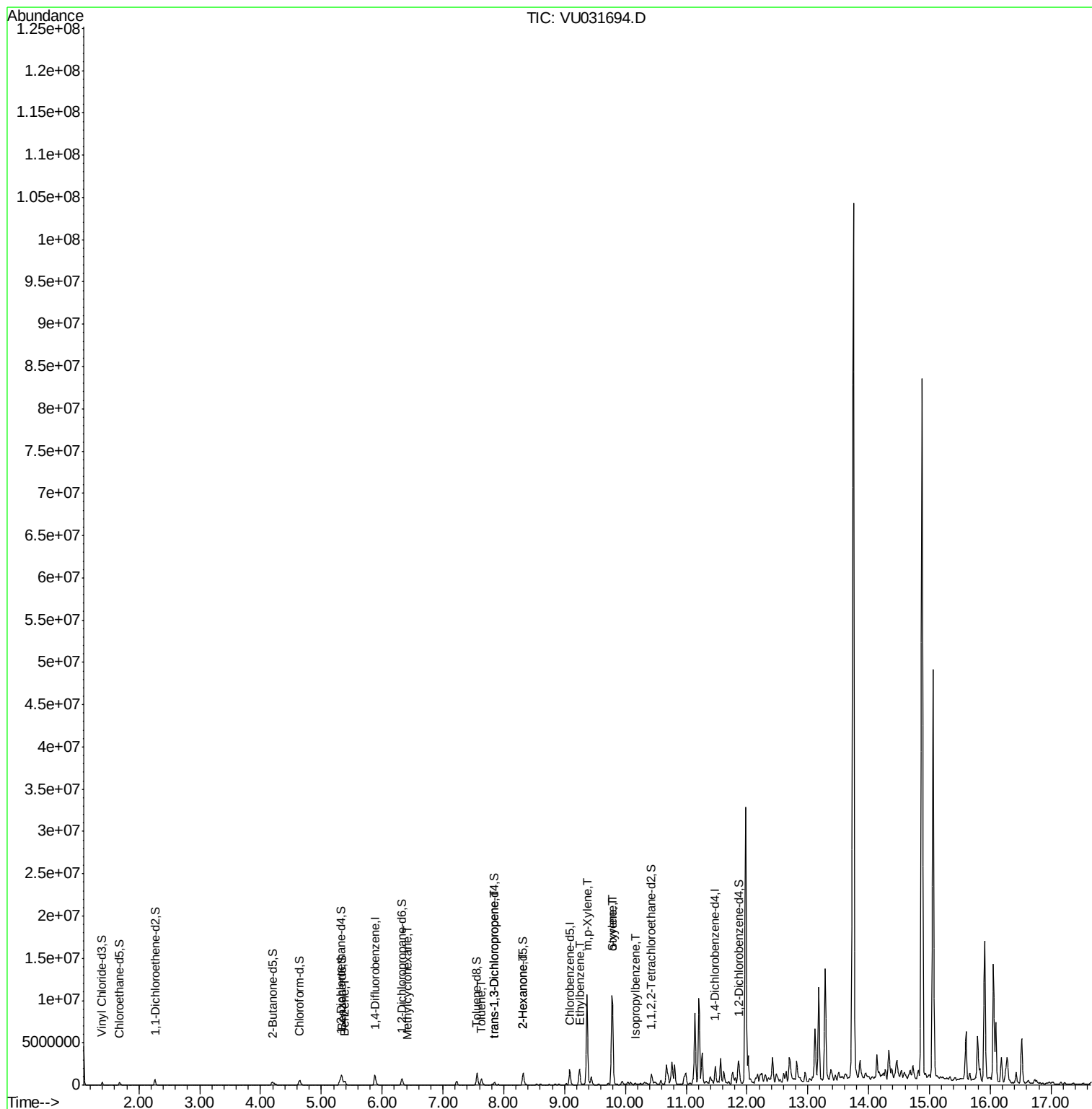
					Qvalue
33) Benzene	5.38	78	462127	12.987 ug/L	100
35) Methylcyclohexane	6.41	83	12467	0.964 ug/L #	92
42) Toluene	7.63	91	598659	16.889 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	7230	0.597 ug/L	95
48) 2-Hexanone	8.32	43	82162	6.536 ug/L #	60
52) Ethylbenzene	9.25	91	1325422	36.048 ug/L	100
53) m,p-Xylene	9.37	106	2898022	226.221 ug/L	99
54) o-xylene	9.77	106	1323133	104.180 ug/L	97
55) Styrene	9.79	104	3708719	170.922 ug/L	96
56) Isopropylbenzene	10.16	105	78562	2.352 ug/L	99

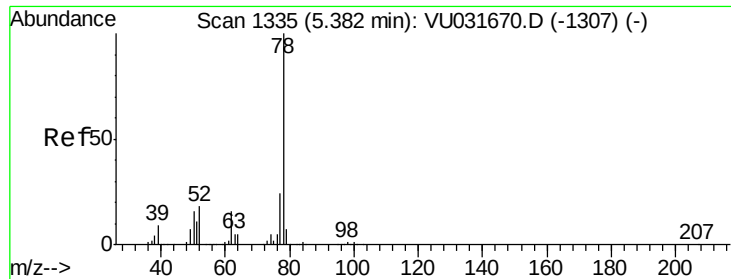
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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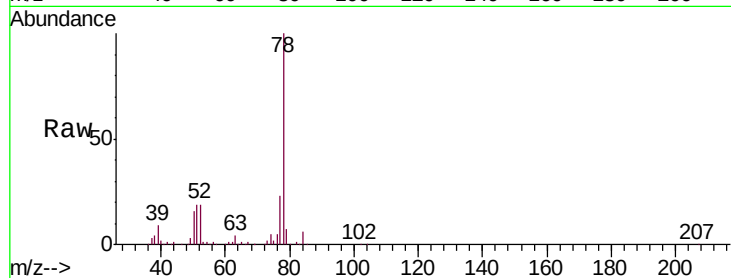




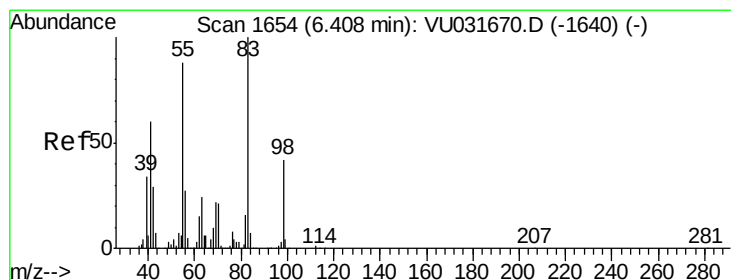
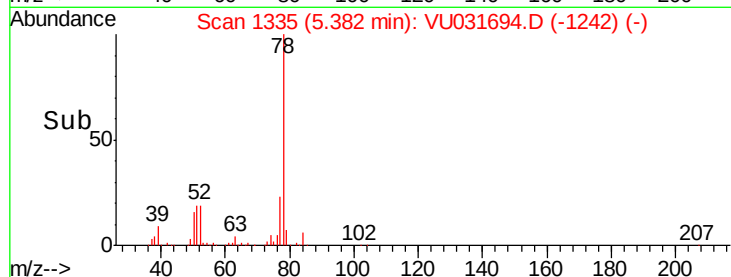
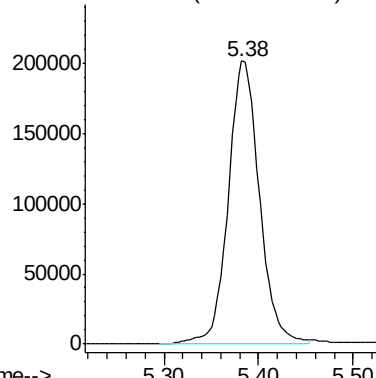
#33
Benzene
Concen: 12.987 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU031694.D
Acq: 01 May 2019 18:58

Instrument :
MSVOA_U
ClientSampled :
GAJ69

Tgt Ion: 78 Resp: 462127

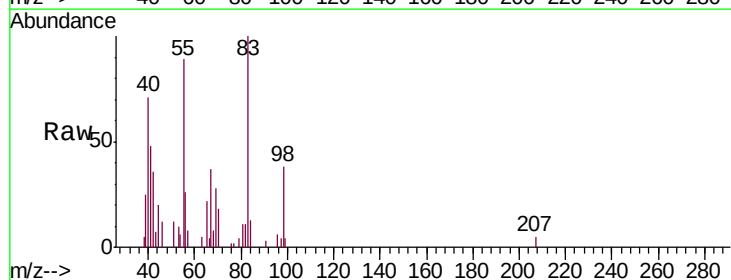


Abundance Ion 78.00 (77.70 to 78.70): VU0



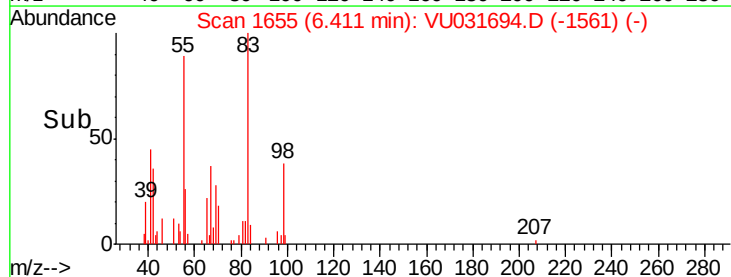
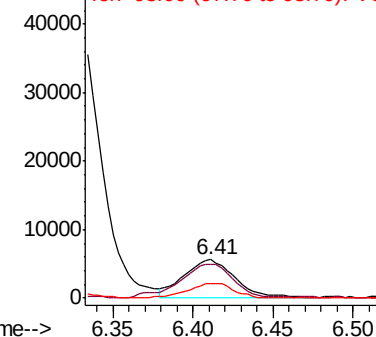
#35
Methylcyclohexane
Concen: 0.964 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU031694.D
Acq: 01 May 2019 18:58

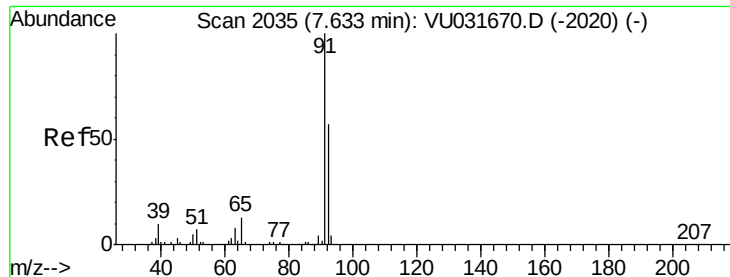
Tgt Ion: 83 Resp: 12467
Ion Ratio Lower Upper
83 100
55 87.1 73.0 109.4
98 34.7 35.3 52.9#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#42

Toluene

Concen: 16.889 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031694.D

Acq: 01 May 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

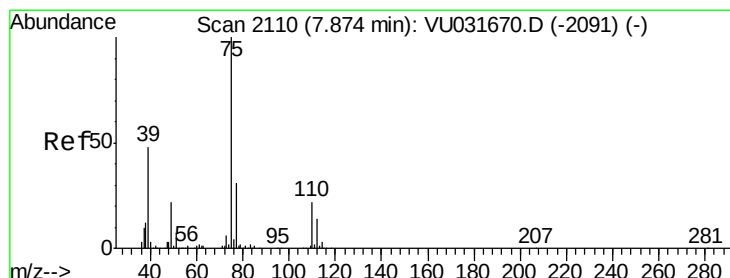
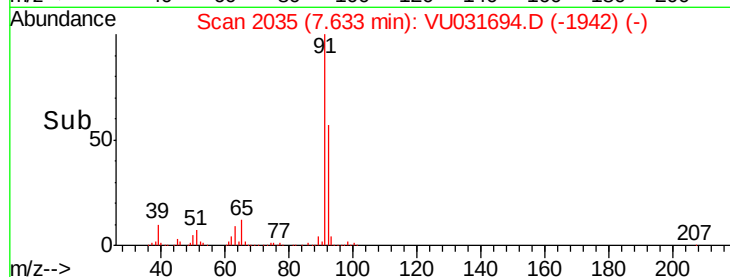
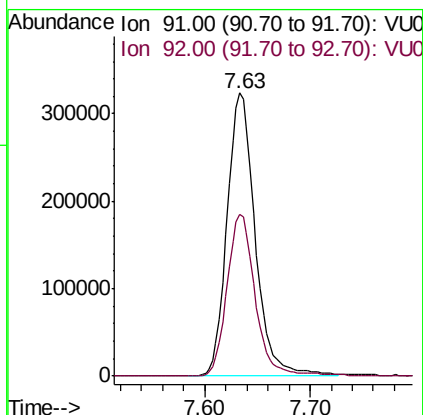
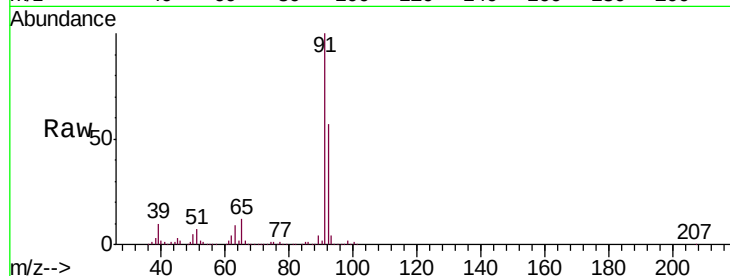
GAJ69

Tgt Ion: 91 Resp: 598659

Ion Ratio Lower Upper

91 100

92 57.3 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 0.597 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031694.D

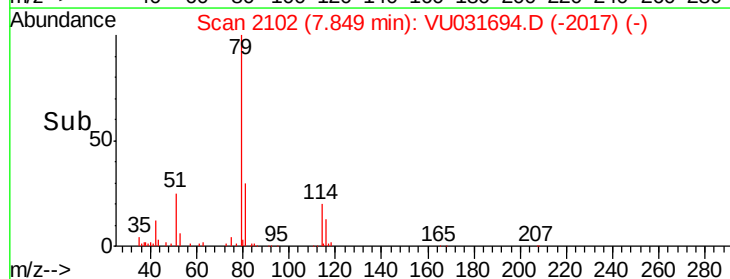
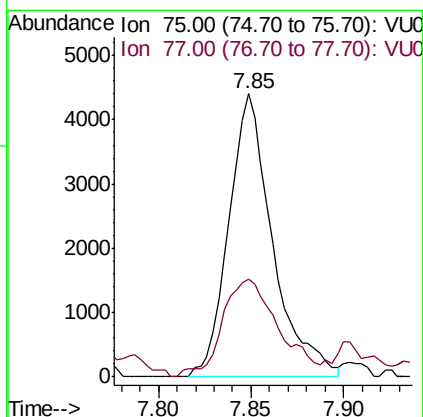
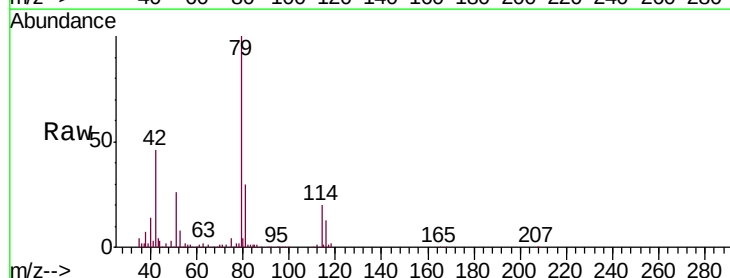
Acq: 01 May 2019 18:58

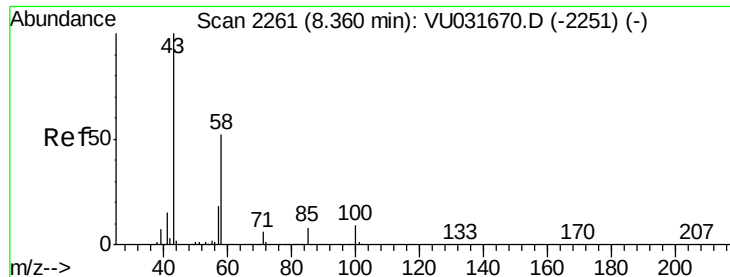
Tgt Ion: 75 Resp: 7230

Ion Ratio Lower Upper

75 100

77 34.4 22.1 41.1

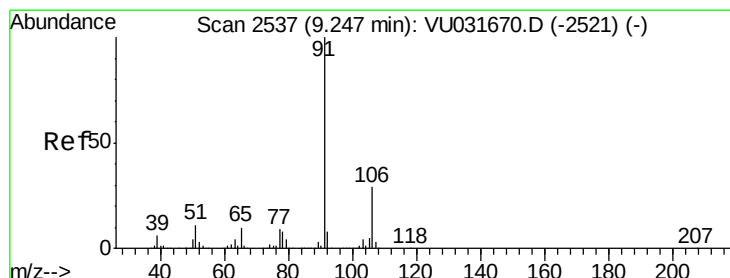
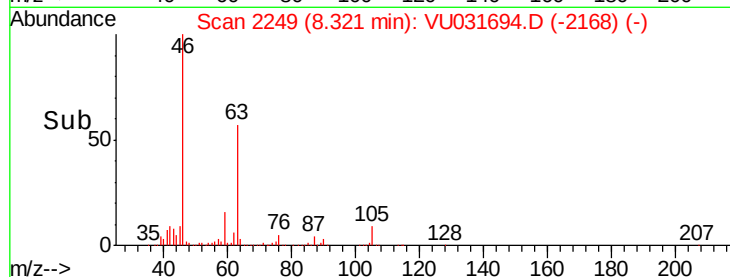
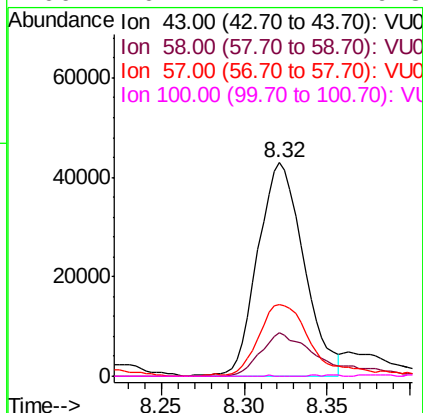
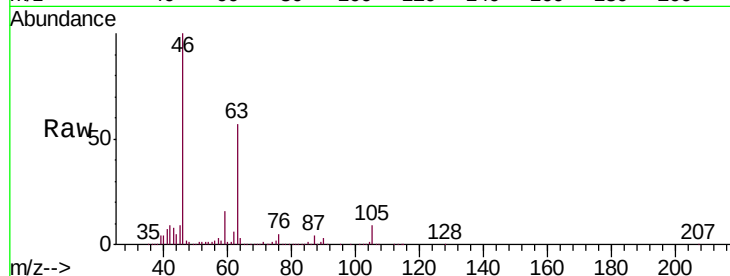




#48
2-Hexanone
Concen: 6.536 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU031694.D
Acq: 01 May 2019 18:58

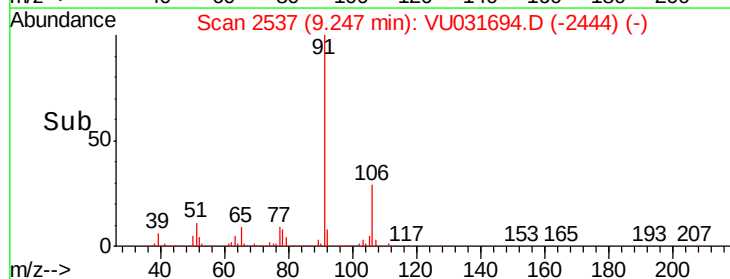
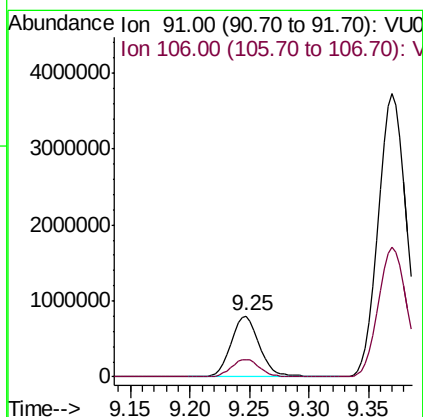
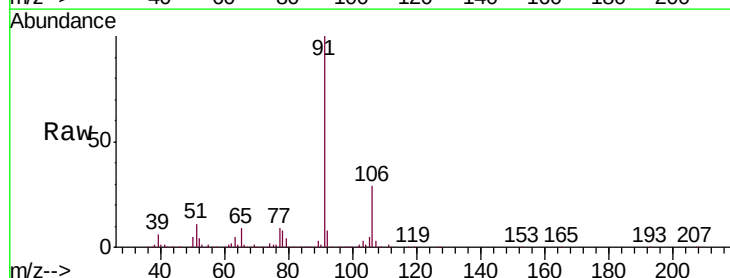
Instrument :
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ClientSampleId :
GAJ69

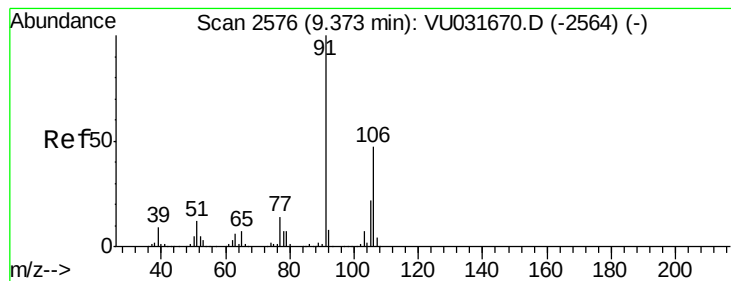
Tgt Ion: 43 Resp: 82162
Ion Ratio Lower Upper
43 100
58 22.4 42.1 63.1#
57 36.7 14.6 22.0#
100 0.1 7.2 10.8#



#52
Ethylbenzene
Concen: 36.048 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031694.D
Acq: 01 May 2019 18:58

Tgt Ion: 91 Resp: 1325422
Ion Ratio Lower Upper
91 100
106 29.3 20.4 37.8





#53

m,p-Xylene

Concen: 226.221 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU031694.D

Acq: 01 May 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

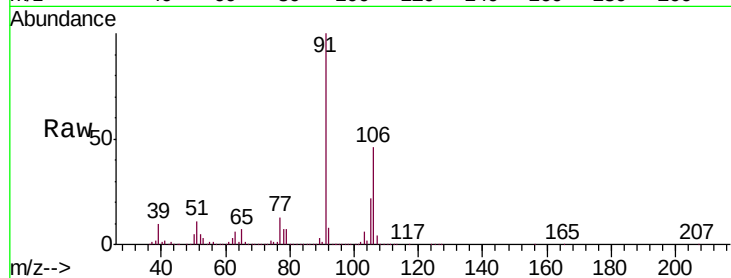
GAJ69

Tgt Ion:106 Resp: 2898022

Ion Ratio Lower Upper

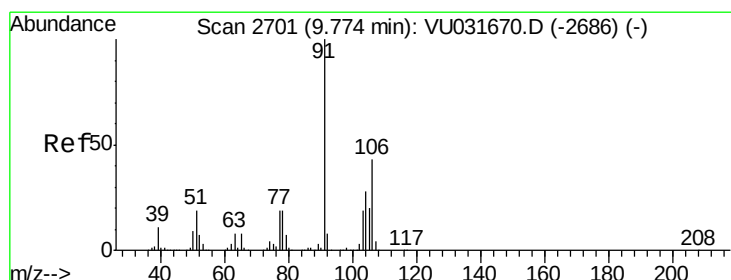
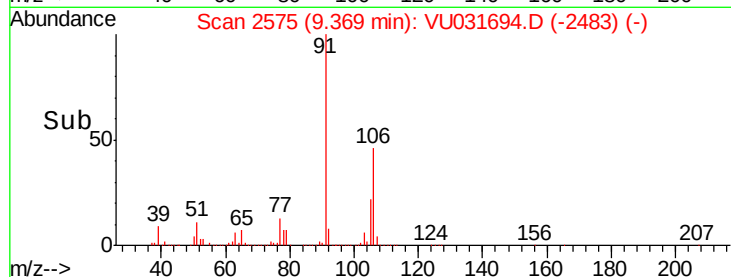
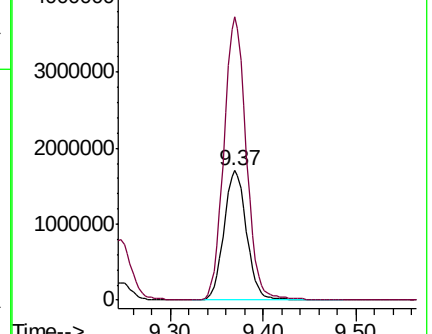
106 100

91 218.6 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 104.180 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU031694.D

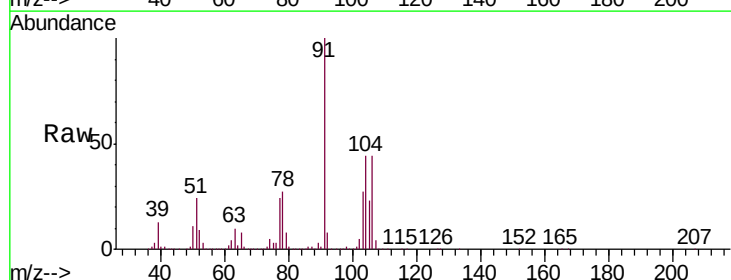
Acq: 01 May 2019 18:58

Tgt Ion:106 Resp: 1323133

Ion Ratio Lower Upper

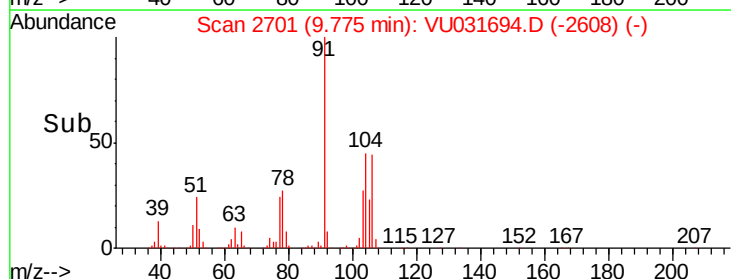
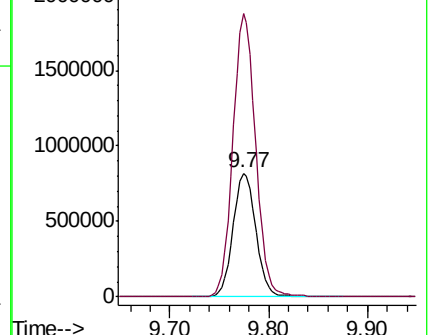
106 100

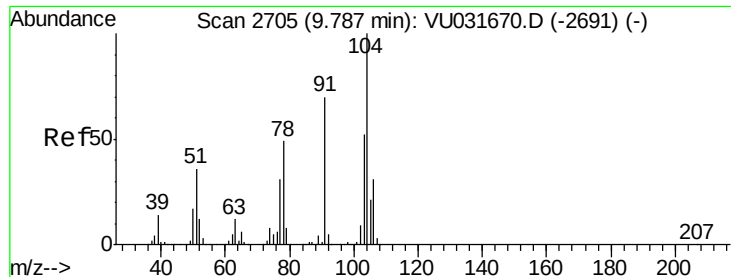
91 228.9 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

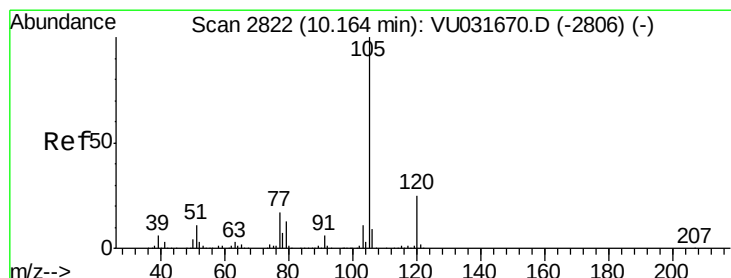
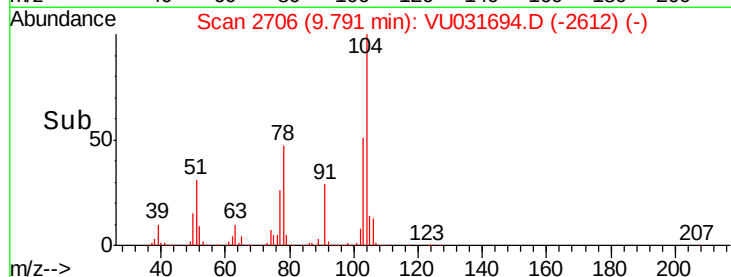
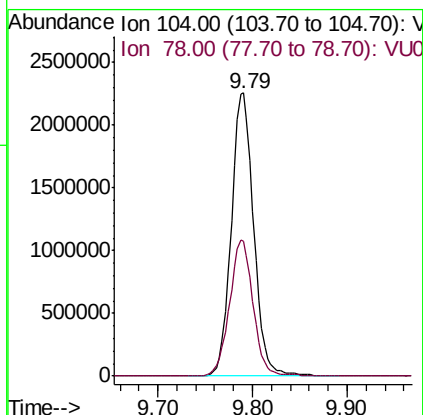
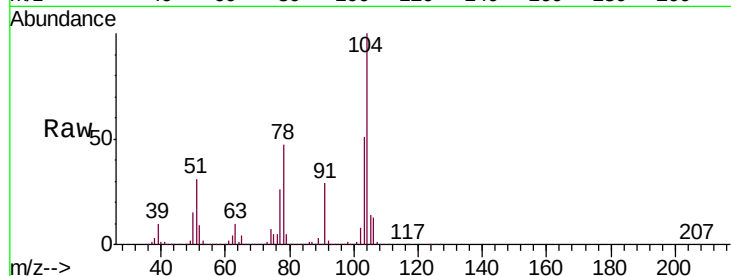




#55
Styrene
Concen: 170.922 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
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Acq: 01 May 2019 18:58

Instrument :
MSVOA_U
ClientSampled :
GAJ69

Tgt Ion:104 Resp: 3708719
Ion Ratio Lower Upper
104 100
78 47.5 35.4 65.7



#56
Isopropylbenzene
Concen: 2.352 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU031694.D
Acq: 01 May 2019 18:58

Tgt Ion:105 Resp: 78562
Ion Ratio Lower Upper
105 100
120 25.3 20.1 30.1
77 18.4 13.8 20.6

