

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
 Data File : VU036587.D
 Acq On : 29 Jan 2020 12:31
 Operator : JC/MD
 Sample : L1271-01
 Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASZ4

Quant Time: Jan 30 03:20:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 02:48:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	290081	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	289892	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157734	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95435	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.84%
7) Chloroethane-d5	1.89	69	22708	12.18	ug/L	-0.05
Spiked Amount	50.000	Range	70 - 130	Recovery	=	24.36%#
11) 1,1-Dichloroethene-d2	2.56	63	116943	33.29	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.58%
21) 2-Butanone-d5	4.69	46	114102	88.48	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.48%
24) Chloroform-d	5.11	84	153838	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.48%
26) 1,2-Dichloroethane-d4	5.74	65	101833	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
32) Benzene-d6	5.76	84	359989	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.30%
36) 1,2-Dichloropropane-d6	6.73	67	111450	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.72%
41) Toluene-d8	7.93	98	349190	44.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.02%
43) trans-1,3-Dichloropropene-	8.21	79	52700	43.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.22%
47) 2-Hexanone-d5	8.68	63	124088	105.30	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.30%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	173679	46.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.98%
64) 1,2-Dichlorobenzene-d4	12.22	152	146783	43.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.74%

Target Compounds

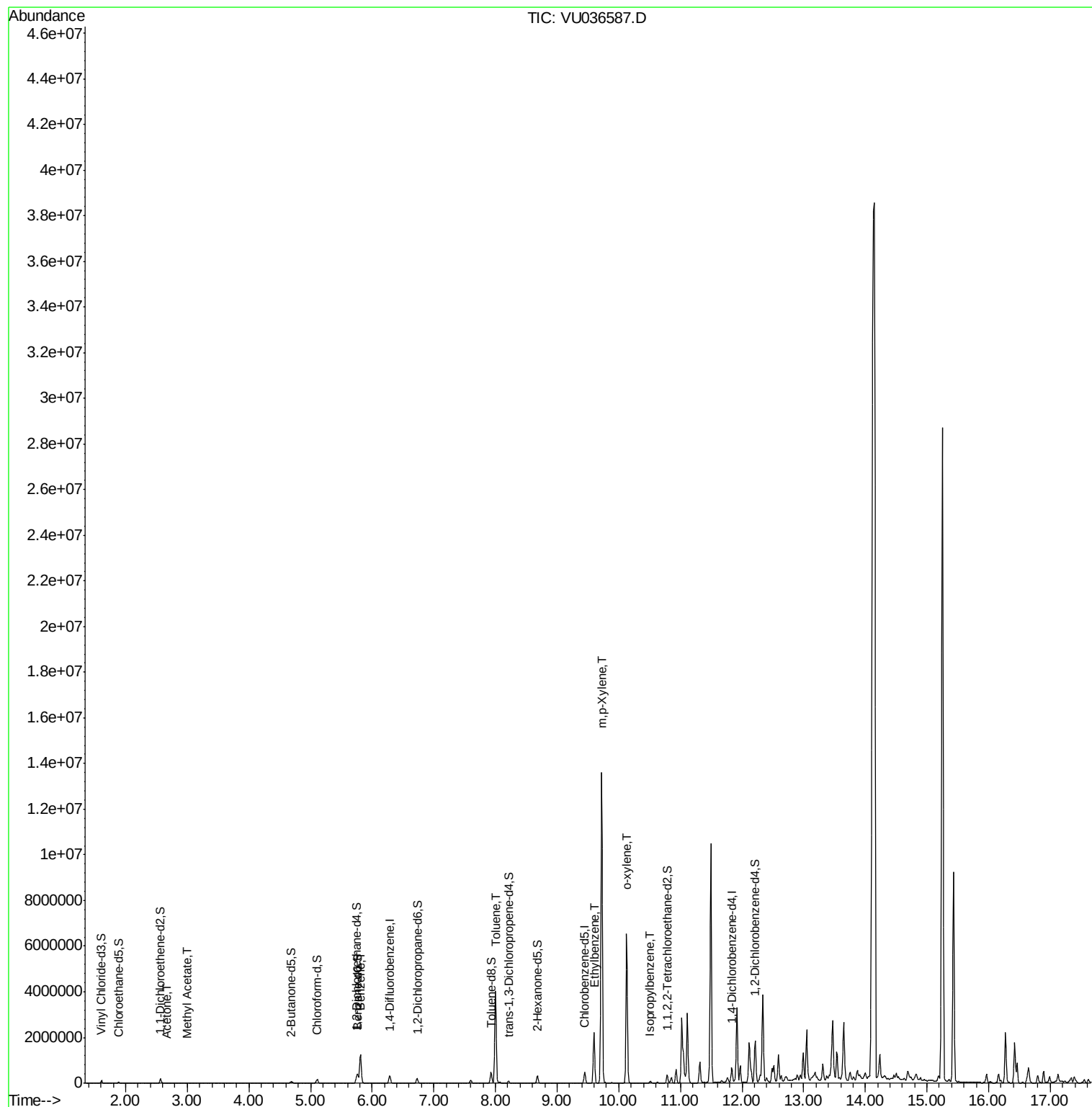
					Ovalue
13) Acetone	2.67	43	2649	2.122	ug/L 97
15) Methyl Acetate	2.99	43	2199	1.127	ug/L 90
33) Benzene	5.81	78	1218610	140.601	ug/L 100
42) Toluene	8.00	91	3135425	332.822	ug/L 99
52) Ethylbenzene	9.60	91	1680086	162.800	ug/L 100
53) m,p-Xylene	9.72	106	4256099	1057.385	ug/L 98
54) o-xylene	10.13	106	1907714	475.151	ug/L 100
56) Isopropylbenzene	10.51	105	60313	5.908	ug/L 99

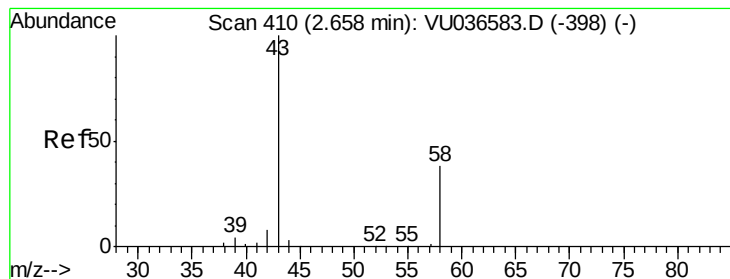
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.122 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU036587.D

Acq: 29 Jan 2020 12:31

Instrument :

MSVOA_U

ClientSampleId :

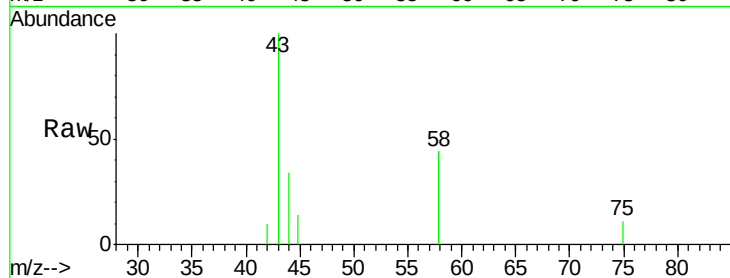
GASZ4

Tot Ion: 43 Resp: 2649

Ion Ratio Lower Upper

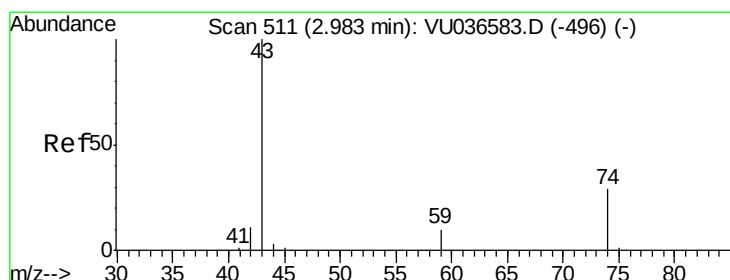
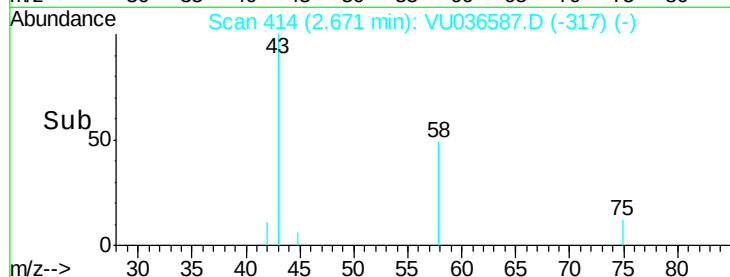
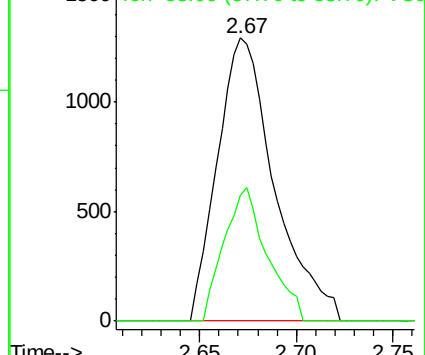
43 100

58 35.7 0.0 75.4



Abundance Ion 43.00 (42.70 to 43.70): VU036587.D (-414) (-)

Ion 58.00 (57.70 to 58.70): VU036587.D (-414) (-)



#15

Methyl Acetate

Concen: 1.127 ug/L

RT: 2.99 min Scan# 513

Delta R.T. 0.01 min

Lab File: VU036587.D

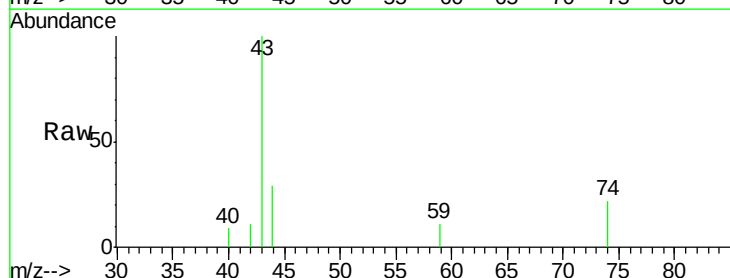
Acq: 29 Jan 2020 12:31

Tgt Ion: 43 Resp: 2199

Ion Ratio Lower Upper

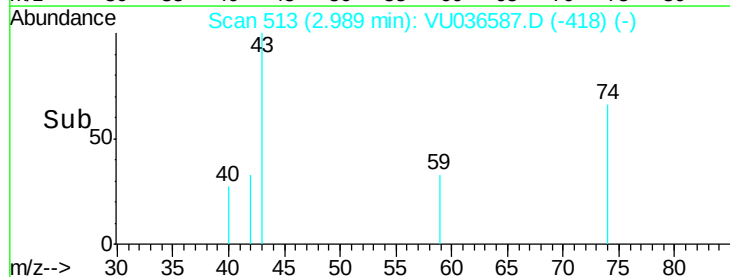
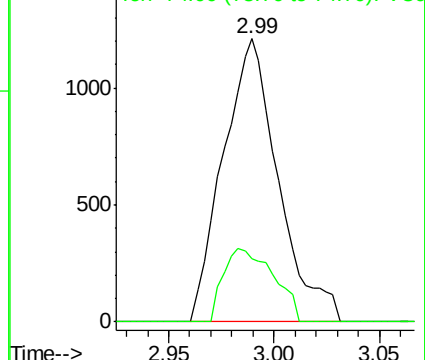
43 100

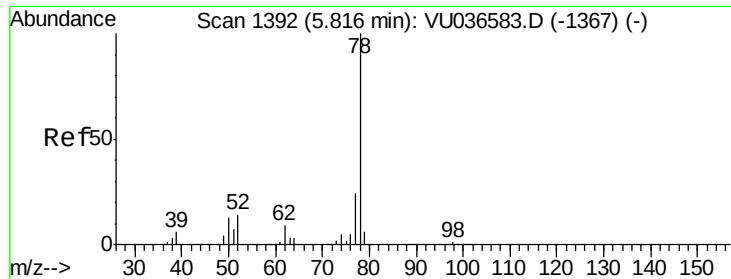
74 23.6 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VU036587.D (-513) (-)

Ion 74.00 (73.70 to 74.70): VU036587.D (-513) (-)





#33

Benzene

Concen: 140.601 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VU036587.D

Acq: 29 Jan 2020 12:31

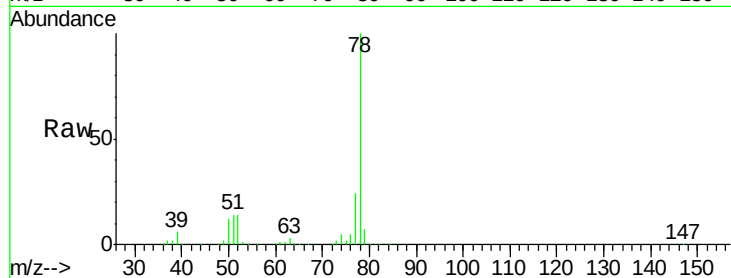
Instrument :

MSVOA_U

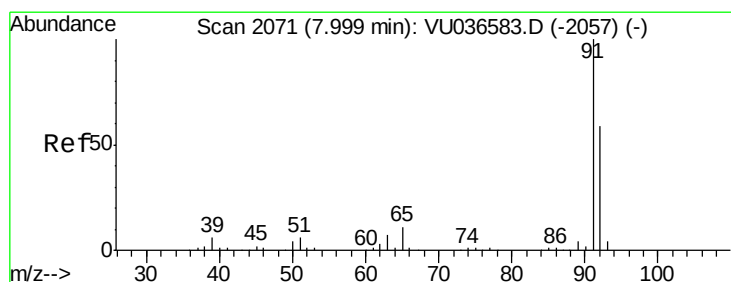
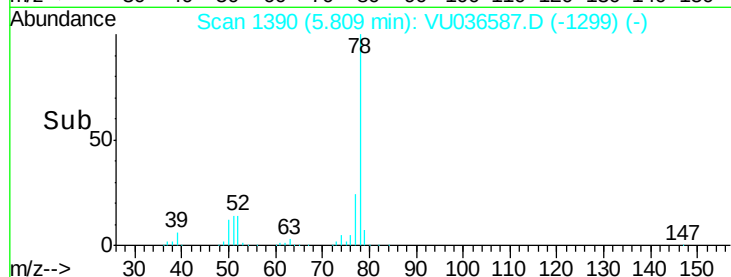
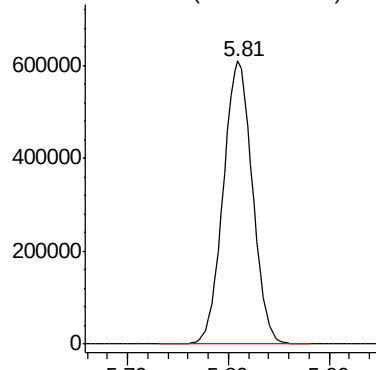
ClientSampleId :

GASZ4

Tgt Ion: 78 Resp: 1218610



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 332.822 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036587.D

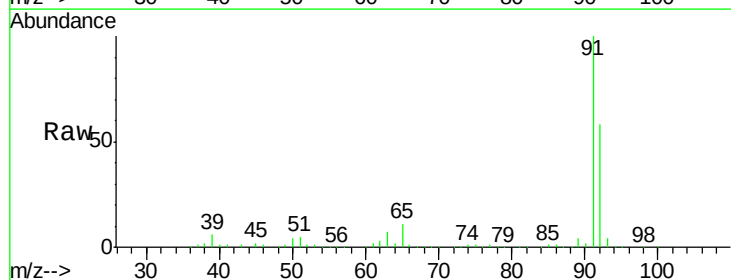
Acq: 29 Jan 2020 12:31

Tgt Ion: 91 Resp: 3135425

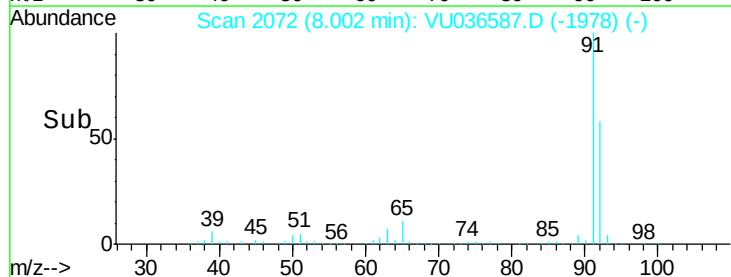
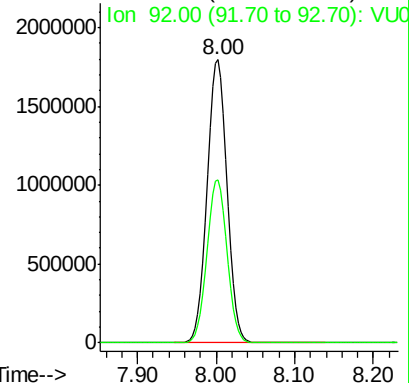
Ion Ratio Lower Upper

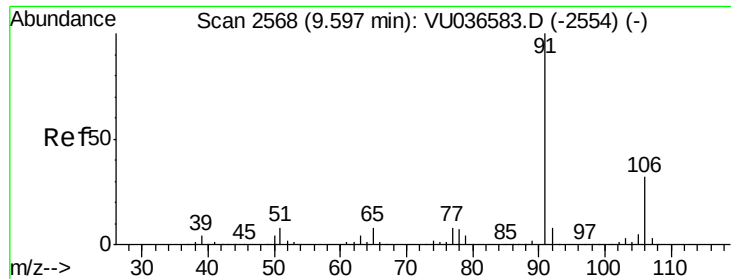
91 100

92 57.8 39.9 74.1



Abundance Ion 91.00 (90.70 to 91.70): VU0





#52

Ethylbenzene

Concen: 162.800 ug/L

RT: 9.60 min Scan# 2569

Delta R.T. 0.00 min

Lab File: VU036587.D

Acq: 29 Jan 2020 12:31

Instrument :

MSVOA_U

ClientSampleId :

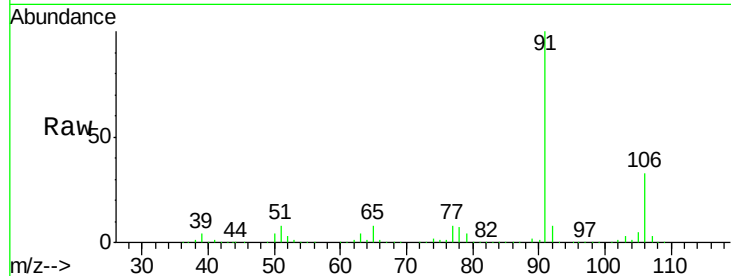
GASZ4

Tot Ion: 91 Resp: 1680086

Ion Ratio Lower Upper

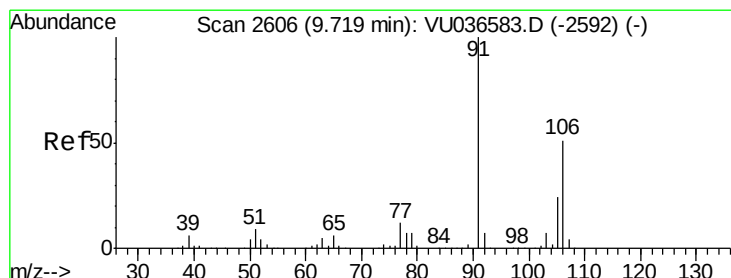
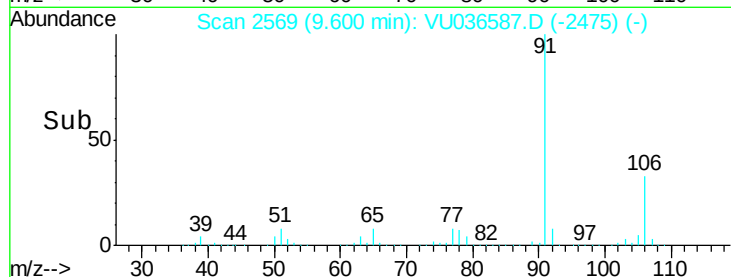
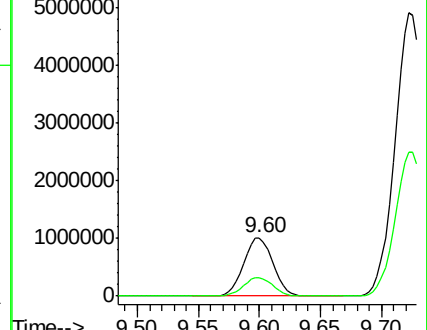
91 100

106 32.6 22.6 42.0



Abundance Ion 91.00 (90.70 to 91.70): VU036583.D (-2554) (-)

Ion 106.00 (105.70 to 106.70): VU036583.D (-2554) (-)



#53

m,p-Xylene

Concen: 1057.385 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VU036587.D

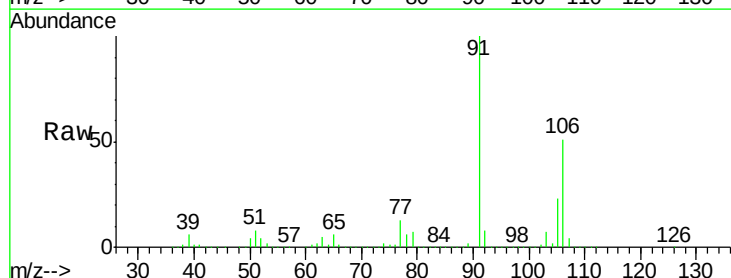
Acq: 29 Jan 2020 12:31

Tgt Ion:106 Resp: 4256099

Ion Ratio Lower Upper

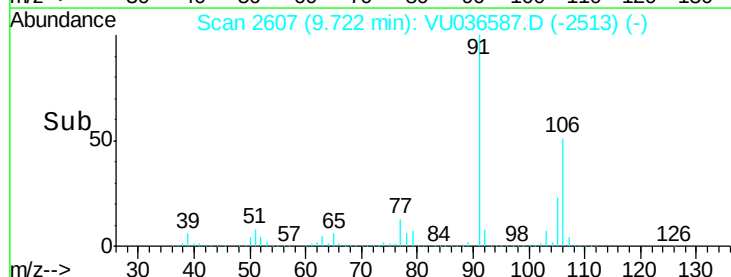
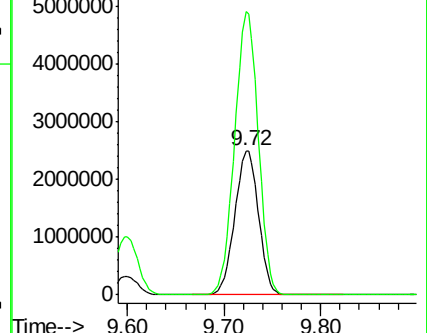
106 100

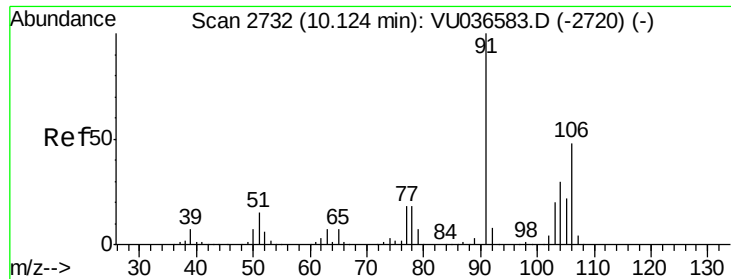
91 196.2 139.4 259.0



Abundance Ion 106.00 (105.70 to 106.70): VU036583.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VU036583.D (-2592) (-)





#54

o-xylene

Concen: 475.151 ug/L

RT: 10.13 min Scan# 2734

Delta R.T. 0.01 min

Lab File: VU036587.D

Acq: 29 Jan 2020 12:31

Instrument :

MSVOA_U

ClientSampleId :

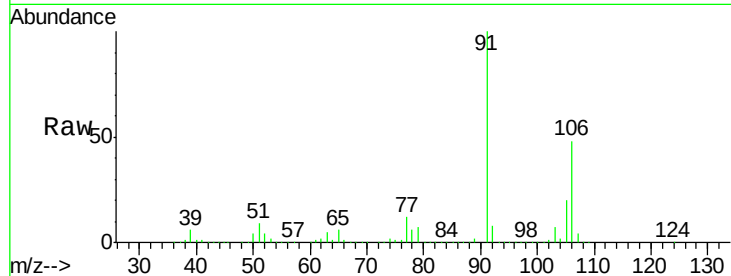
GASZ4

Tot Ion:106 Resp: 1907714

Ion Ratio Lower Upper

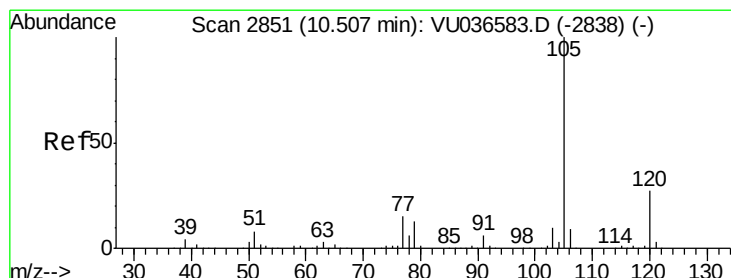
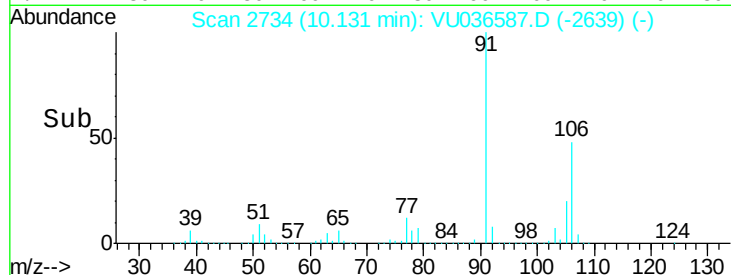
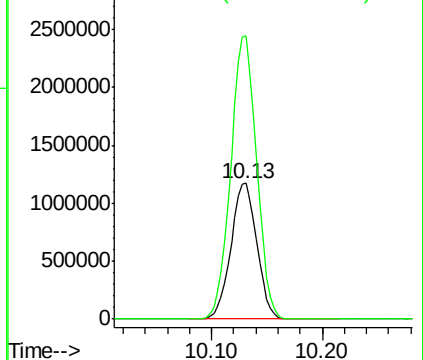
106 100

91 208.1 145.9 271.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 5.908 ug/L

RT: 10.51 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VU036587.D

Acq: 29 Jan 2020 12:31

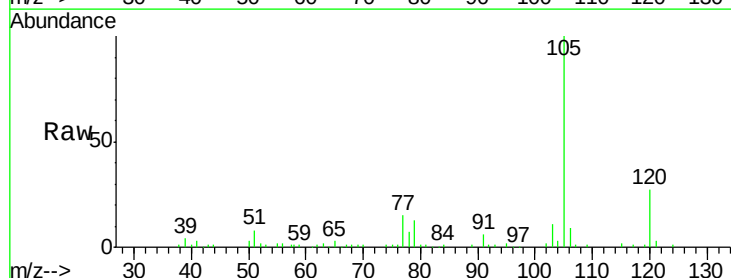
Tgt Ion:105 Resp: 60313

Ion Ratio Lower Upper

105 100

120 26.4 21.6 32.4

77 15.1 11.8 17.8



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

