

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046113.D
 Acq On : 06 Dec 2021 15:42
 Operator : SY/MD
 Sample : M4942-03DL 100X
 Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKQ1DL

Quant Time: Dec 07 01:10:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

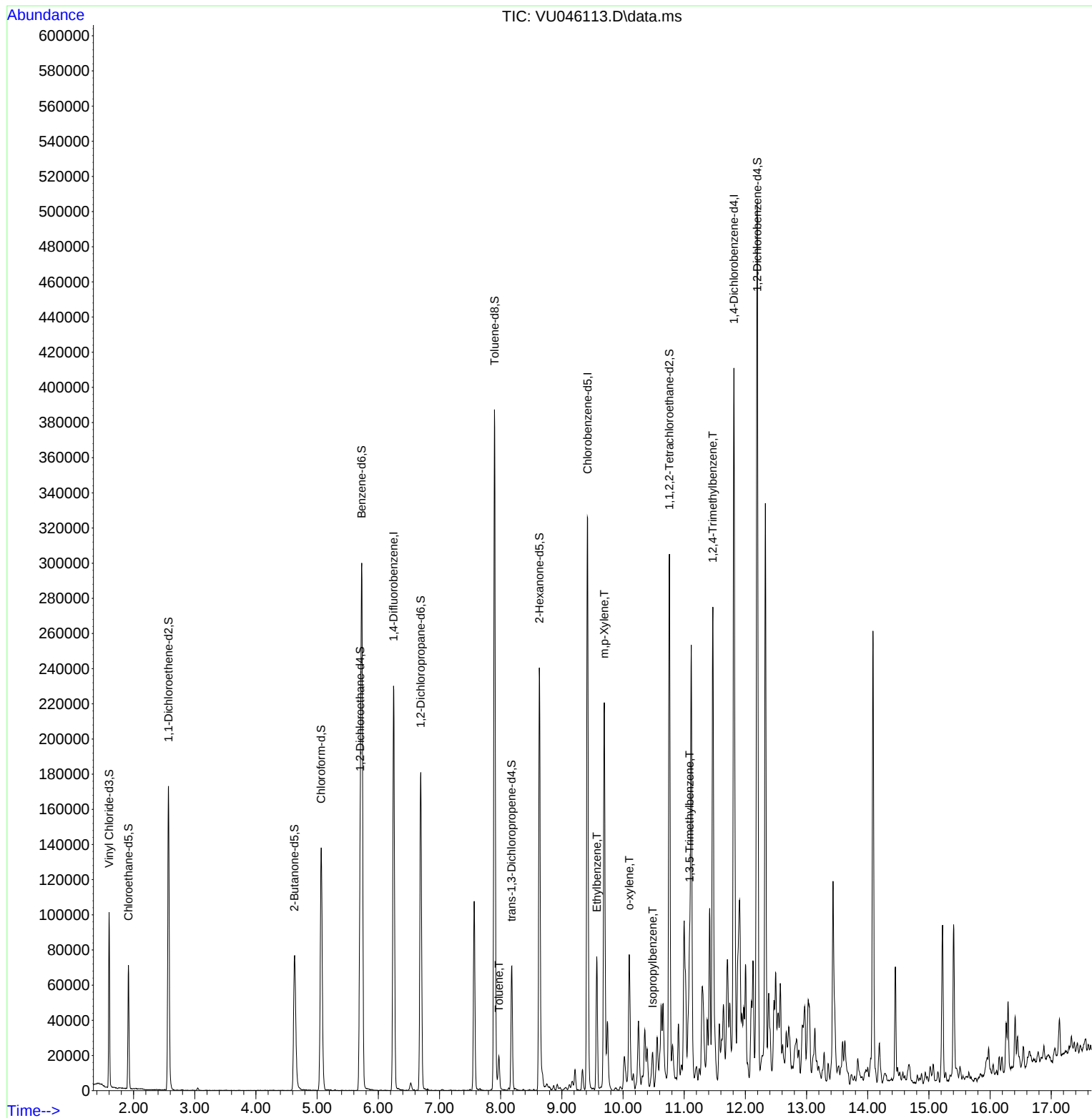
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	190989	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	190326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	103722	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	69474	44.159	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.320%
7) Chloroethane-d5	1.916	69	50652	41.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.860%
11) 1,1-Dichloroethene-d2	2.572	63	102612	36.332	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.660%
21) 2-Butanone-d5	4.629	46	119642	95.662	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.660%
24) Chloroform-d	5.067	84	127813	48.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.300%
26) 1,2-Dichloroethane-d4	5.703	65	88235	50.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.080%
32) Benzene-d6	5.729	84	287290	52.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.320%
36) 1,2-Dichloropropane-d6	6.694	67	88871	52.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.140%
41) Toluene-d8	7.899	98	263690	53.090	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.180%
43) trans-1,3-Dichloroprop...	8.179	79	41813	51.234	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.460%
47) 2-Hexanone-d5	8.632	63	85947	107.221	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	130368	50.848	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.700%
66) 1,2-Dichlorobenzene-d4	12.195	152	109011	54.574	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.140%
Target Compounds						
					Qvalue	
42) Toluene	7.973	91	13833	2.238	ug/L	96
52) Ethylbenzene	9.571	91	52841	7.943	ug/L	97
53) m,p-Xylene	9.694	106	65427	25.220	ug/L	96
54) o-xylene	10.102	106	19507	7.749	ug/L	96
61) Isopropylbenzene	10.484	105	12882	1.909	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	41190	7.323	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	137666	24.462	ug/L	99

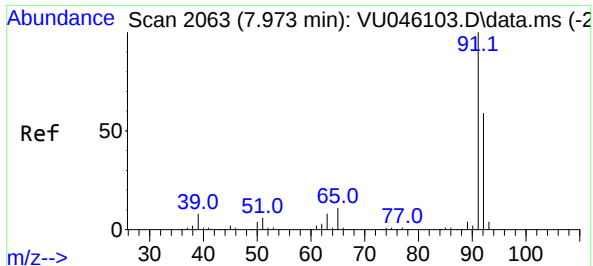
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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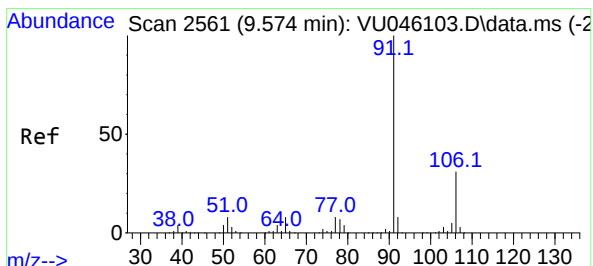
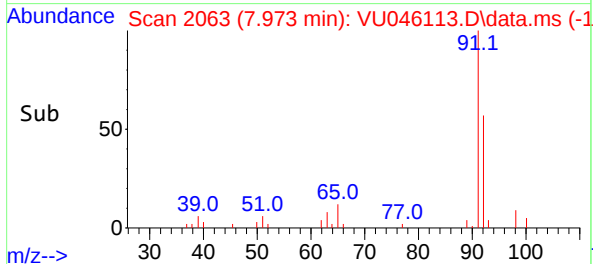
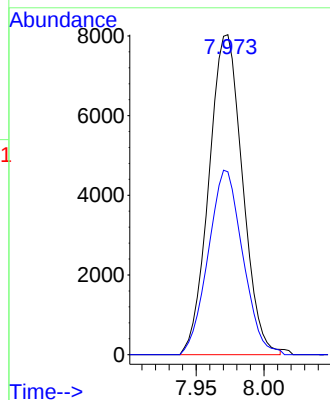
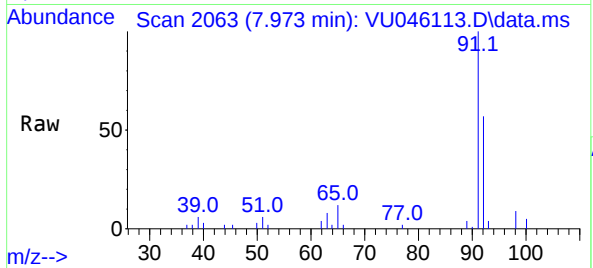




#42
Toluene
Concen: 2.238 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

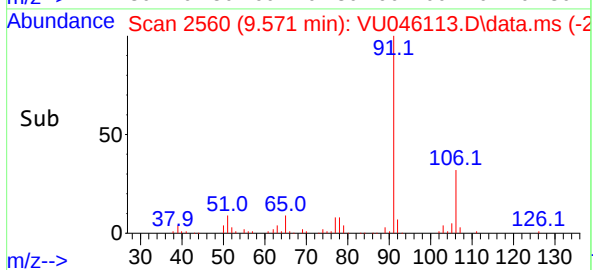
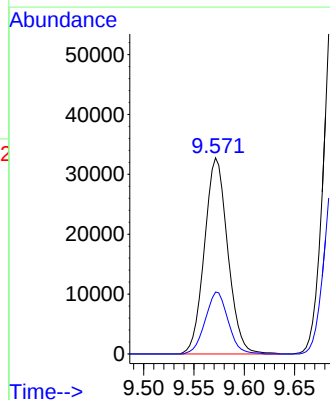
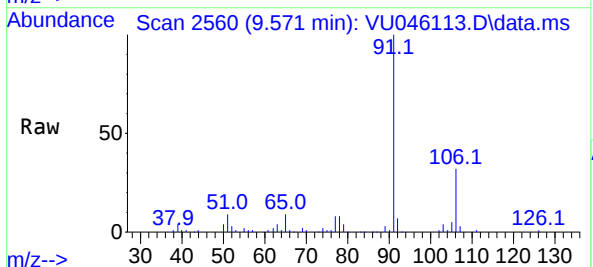
Instrument :
MSVOA_U
ClientSampleId :
BGKQ1DL

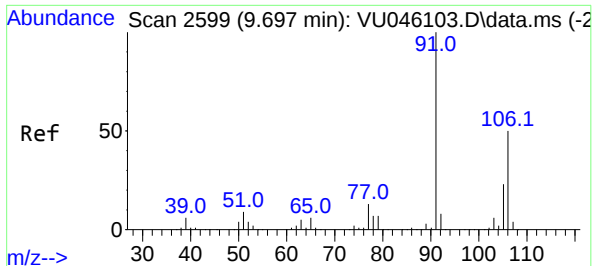
Tgt Ion: 91 Resp: 13833
Ion Ratio Lower Upper
91 100
92 57.1 41.9 77.7



#52
Ethylbenzene
Concen: 7.943 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Tgt Ion: 91 Resp: 52841
Ion Ratio Lower Upper
91 100
106 31.6 21.1 39.3

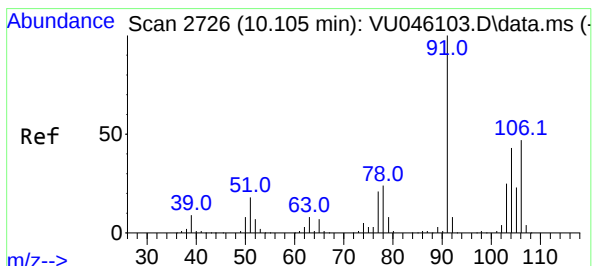
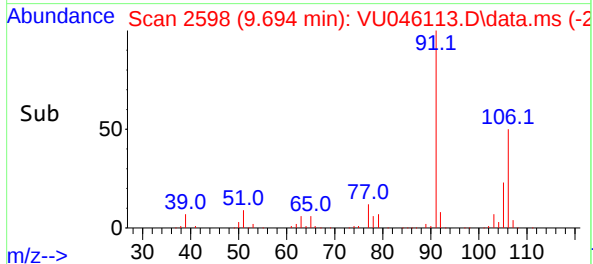
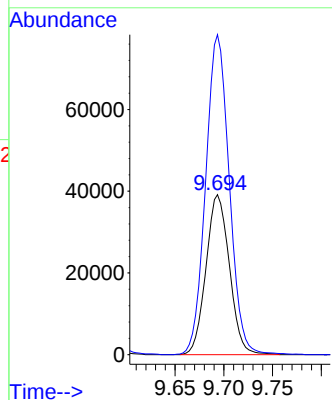
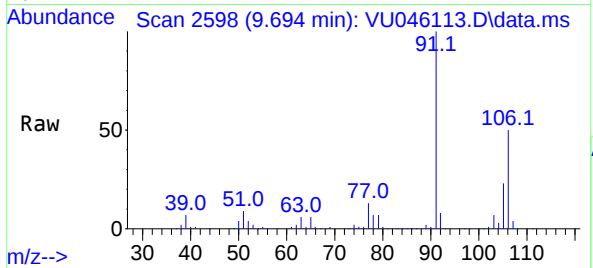




#53
m,p-Xylene
Concen: 25.220 ug/L
RT: 9.694 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

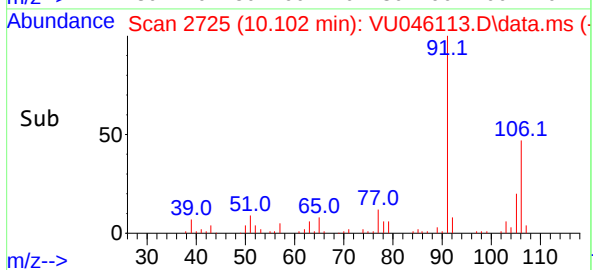
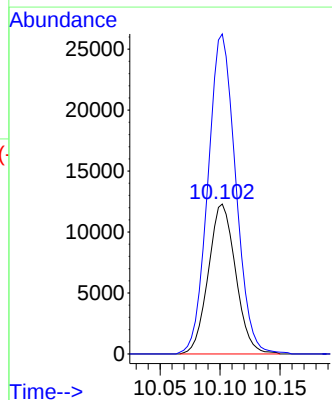
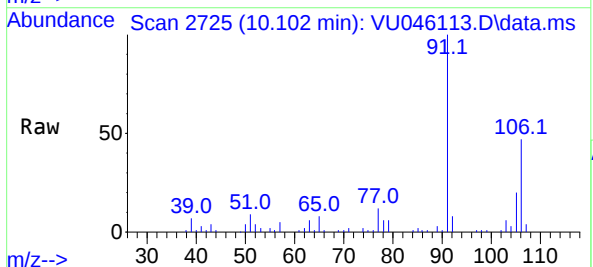
Instrument :
MSVOA_U
ClientSampleId :
BGKQ1DL

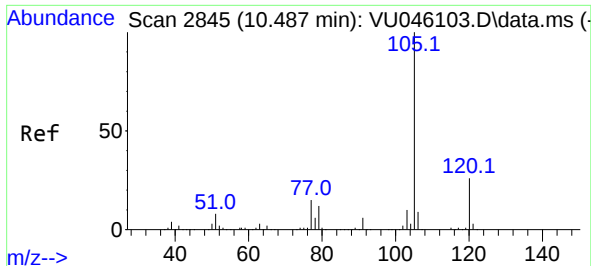
Tgt Ion:106 Resp: 65427
Ion Ratio Lower Upper
106 100
91 200.0 144.3 268.1



#54
o-xylene
Concen: 7.749 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Tgt Ion:106 Resp: 19507
Ion Ratio Lower Upper
106 100
91 213.4 154.2 286.4

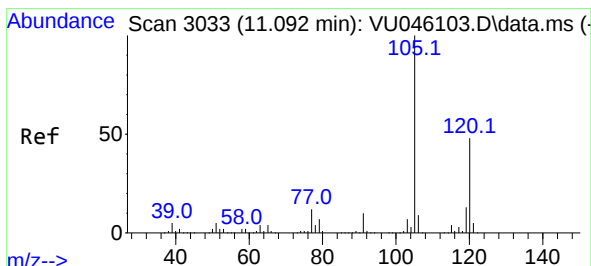
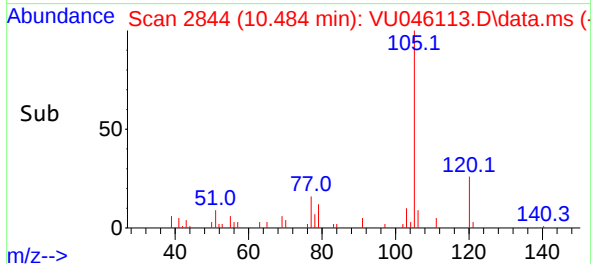
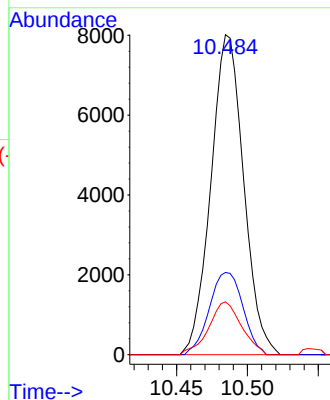
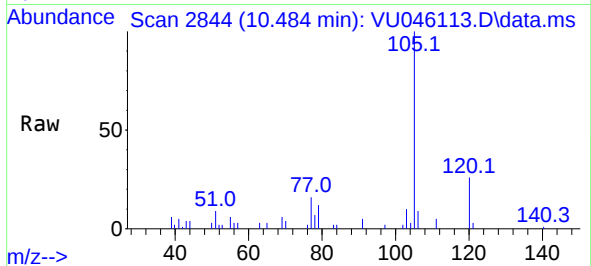




#61
Isopropylbenzene
Concen: 1.909 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

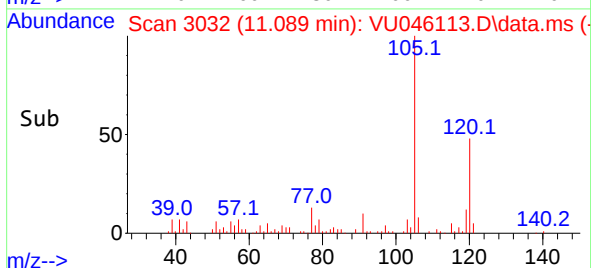
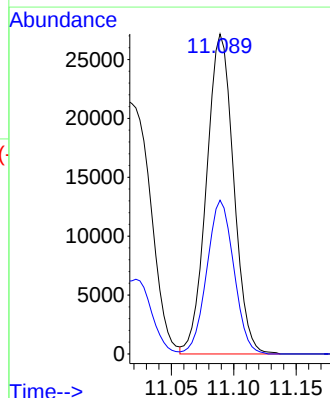
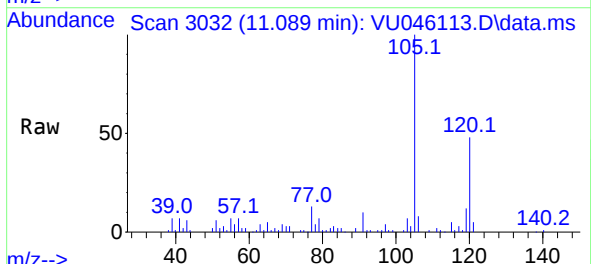
Instrument :
MSVOA_U
ClientSampleId :
BGKQ1DL

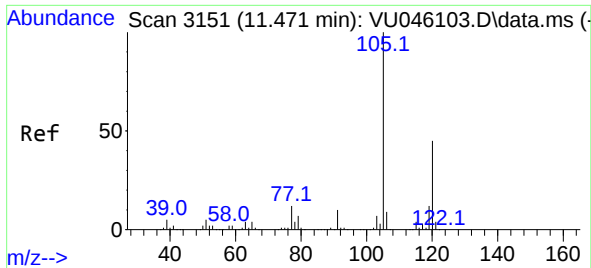
Tgt Ion:	105	Resp:	12882
Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.7	31.1
77	16.5	12.2	18.4



#62
1,3,5-Trimethylbenzene
Concen: 7.323 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Tgt Ion:	105	Resp:	41190
Ion	Ratio	Lower	Upper
105	100		
120	47.8	37.8	56.6





#63

1,2,4-Trimethylbenzene

Concen: 24.462 ug/L

RT: 11.468 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU046113.D

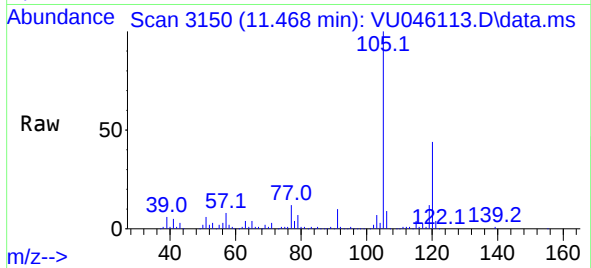
Acq: 06 Dec 2021 15:42

Instrument :

MSVOA_U

ClientSampleId :

BGKQ1DL



Tgt Ion:105 Resp: 137666

Ion Ratio Lower Upper

105 100

120 44.7 35.2 52.8

