

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046057.D
 Acq On : 02 Dec 2021 17:04
 Operator : SY/MD
 Sample : M4868-08
 Misc : 7.19g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKP3

Quant Time: Dec 03 05:12:37 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)

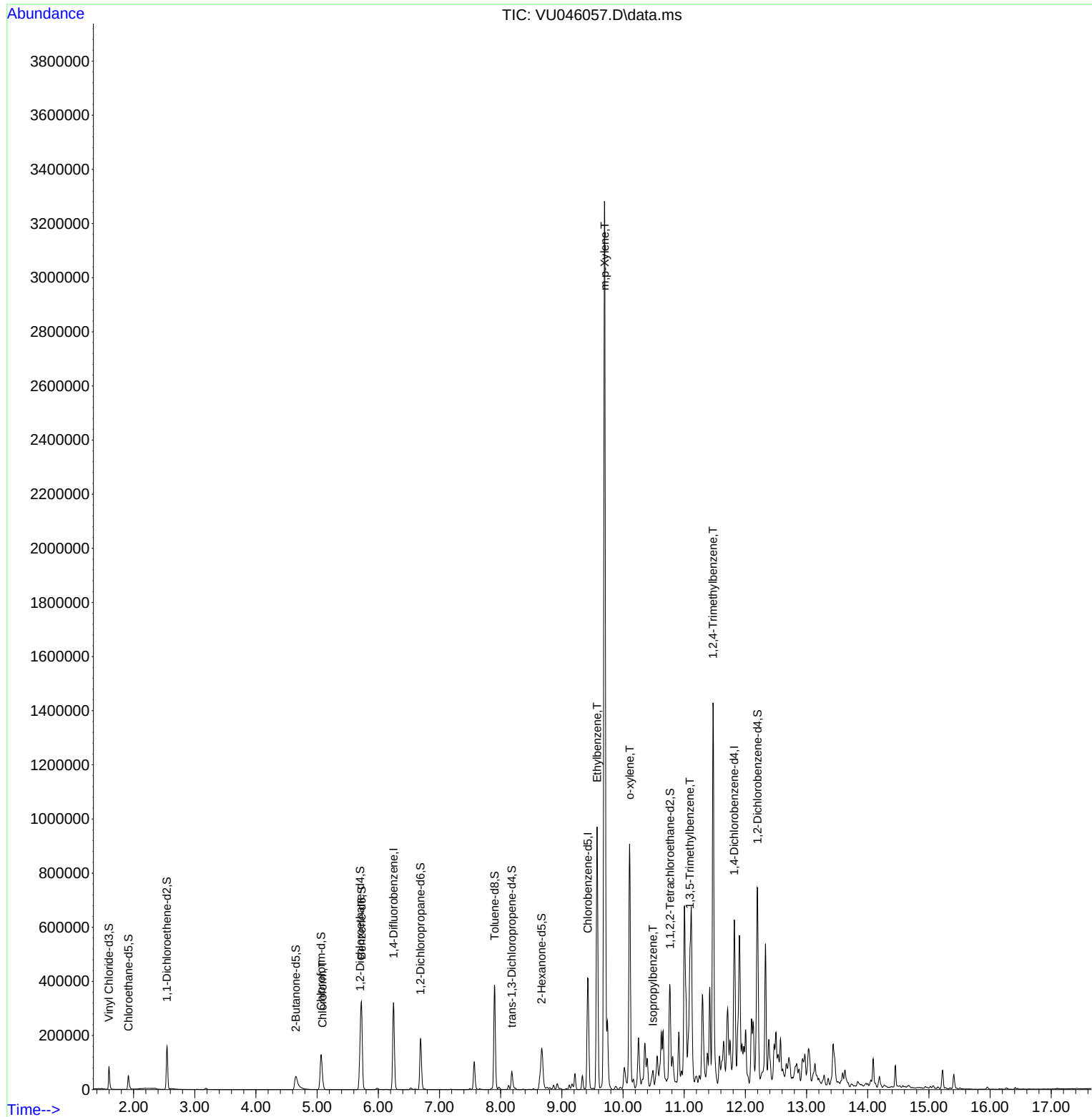
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	279124	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	279919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	138003	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69938	30.417	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.840%
7) Chloroethane-d5	1.915	69	48098	27.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	54.500%#
11) 1,1-Dichloroethene-d2	2.546	63	94274	22.840	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.680%#
21) 2-Butanone-d5	4.652	46	126304	69.101	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.100%
24) Chloroform-d	5.063	84	122270	31.844	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.680%#
26) 1,2-Dichloroethane-d4	5.703	65	93267	36.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.380%
32) Benzene-d6	5.726	84	292667	36.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.960%
36) 1,2-Dichloropropane-d6	6.690	67	95883	38.562	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.120%
41) Toluene-d8	7.899	98	271066	37.108	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.220%#
43) trans-1,3-Dichloroprop...	8.182	79	45777	38.138	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.280%
47) 2-Hexanone-d5	8.671	63	90150	76.468	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.470%
56) 1,1,2,2-Tetrachloroeth...	10.770	84	131854	34.967	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	69.940%
66) 1,2-Dichlorobenzene-d4	12.198	152	104948	39.488	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.980%#
Target Compounds						
					Qvalue	
25) Chloroform	5.086	83	17740	4.299	ug/L	98
52) Ethylbenzene	9.578	91	786984	80.439	ug/L	99
53) m,p-Xylene	9.700	106	1056977	277.024	ug/L	99
54) o-xylene	10.108	106	259784	70.169	ug/L	98
61) Isopropylbenzene	10.491	105	40663	4.529	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	244490	32.668	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	762553	101.840	ug/L	99

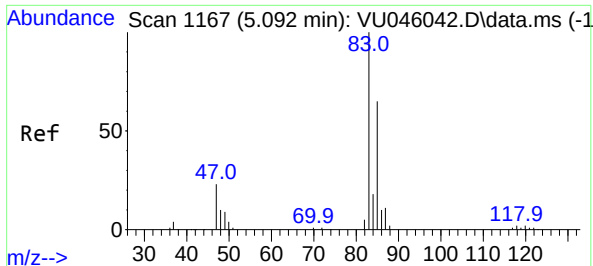
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
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#25

Chloroform

Concen: 4.299 ug/L

RT: 5.086 min Scan# 1167

Delta R.T. -0.007 min

Lab File: VU046057.D

Acq: 02 Dec 2021 17:04

Instrument :

MSVOA_U

ClientSampleId :

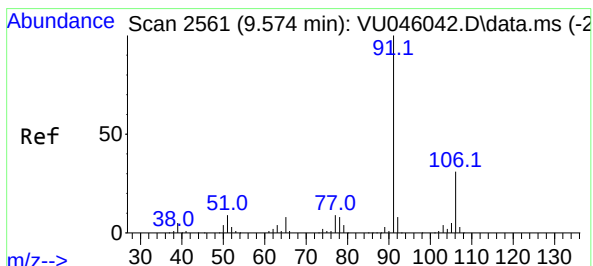
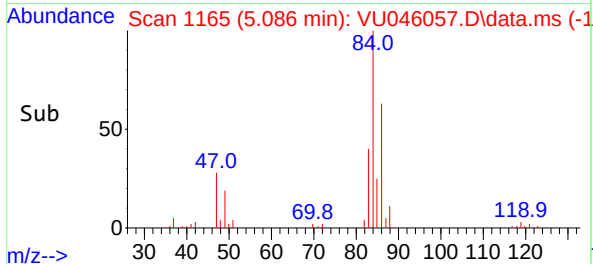
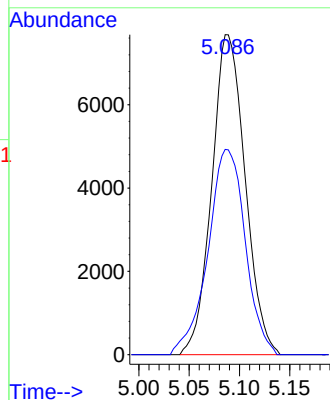
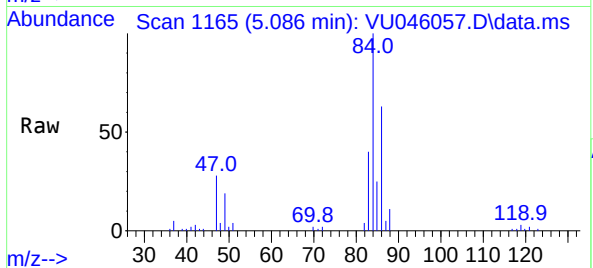
BGKP3

Tgt Ion: 83 Resp: 17740

Ion Ratio Lower Upper

83 100

85 64.2 45.8 85.2



#52

Ethylbenzene

Concen: 80.439 ug/L

RT: 9.578 min Scan# 2562

Delta R.T. 0.003 min

Lab File: VU046057.D

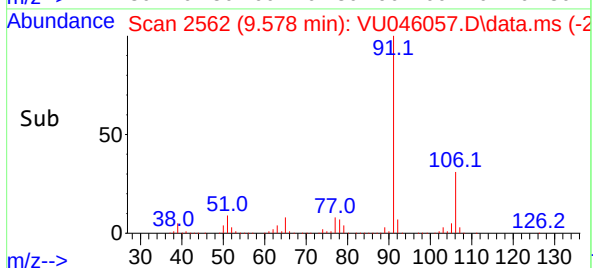
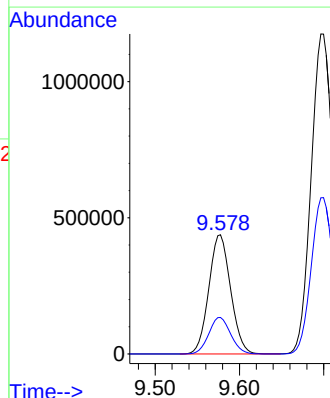
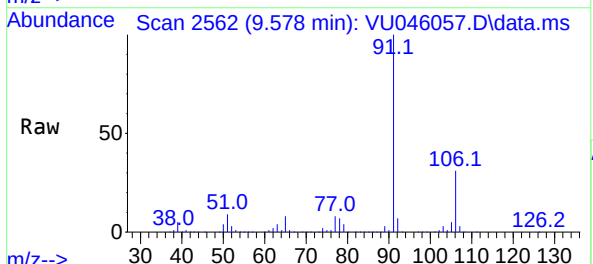
Acq: 02 Dec 2021 17:04

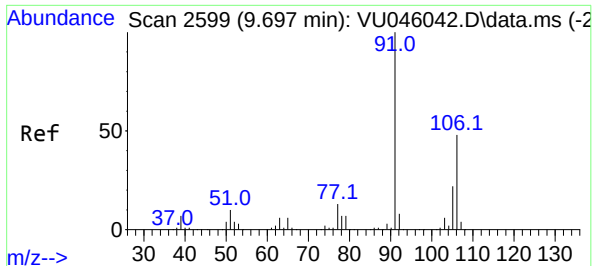
Tgt Ion: 91 Resp: 786984

Ion Ratio Lower Upper

91 100

106 30.6 21.1 39.3

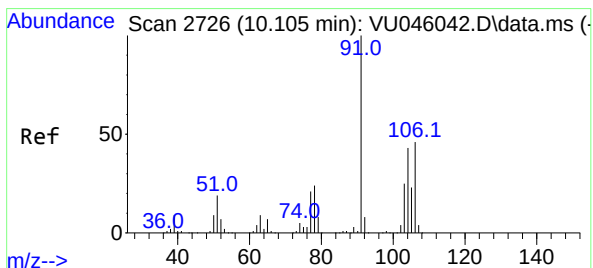
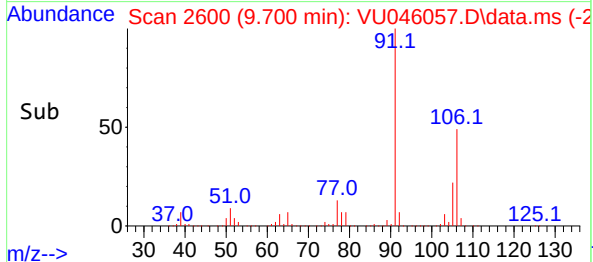
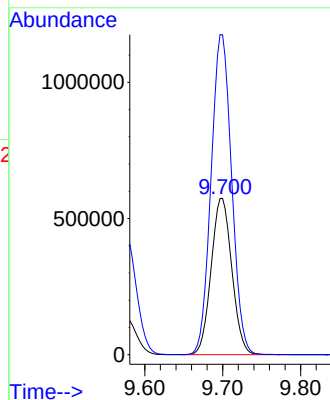
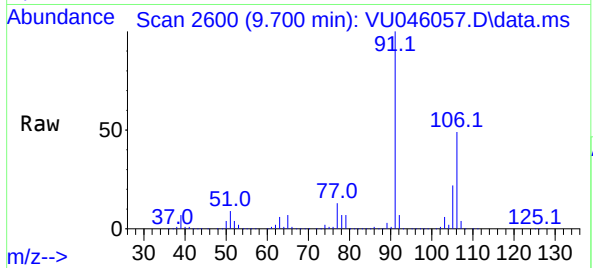




#53
m,p-Xylene
Concen: 277.024 ug/L
RT: 9.700 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

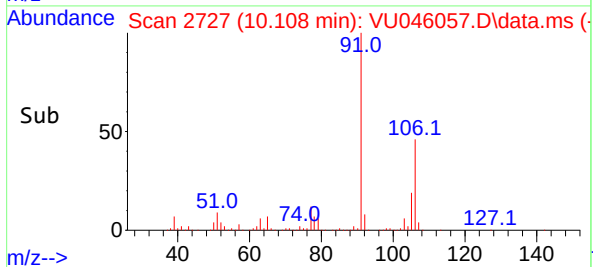
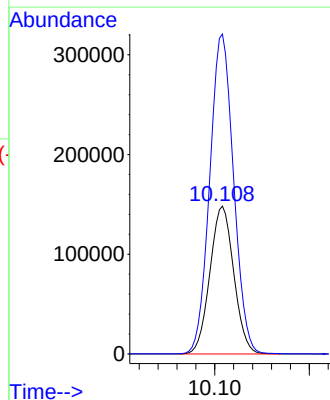
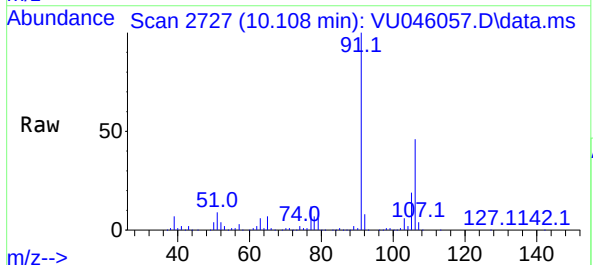
Instrument :
MSVOA_U
ClientSampleId :
BGKP3

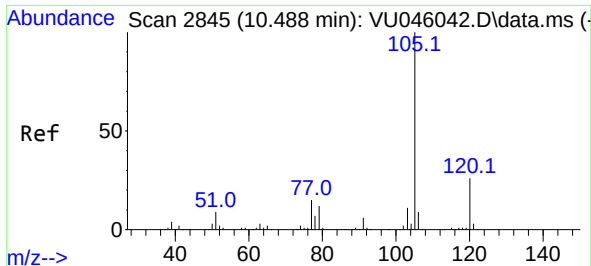
Tgt Ion:106 Resp: 1056977
Ion Ratio Lower Upper
106 100
91 204.6 144.3 268.1



#54
o-xylene
Concen: 70.169 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Tgt Ion:106 Resp: 259784
Ion Ratio Lower Upper
106 100
91 216.5 154.2 286.4

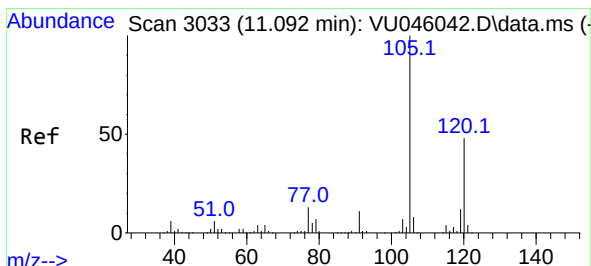
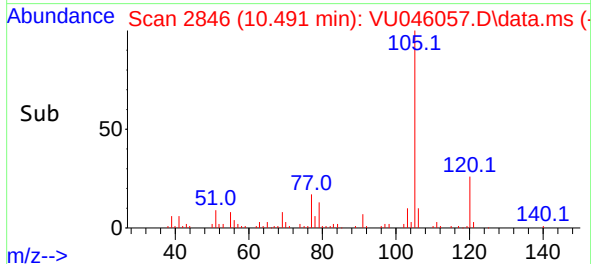
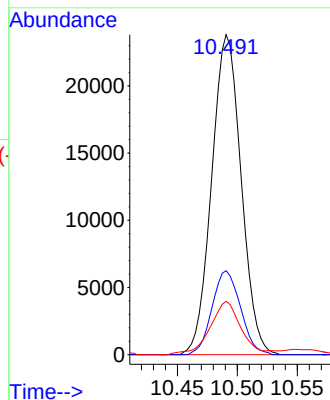
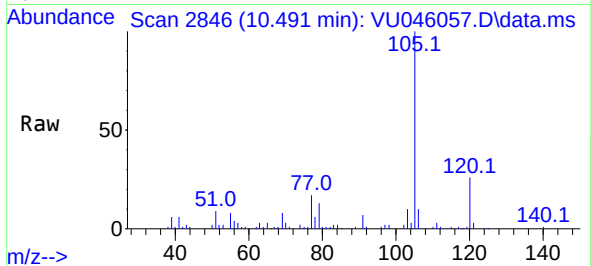




#61
Isopropylbenzene
Concen: 4.529 ug/L
RT: 10.491 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

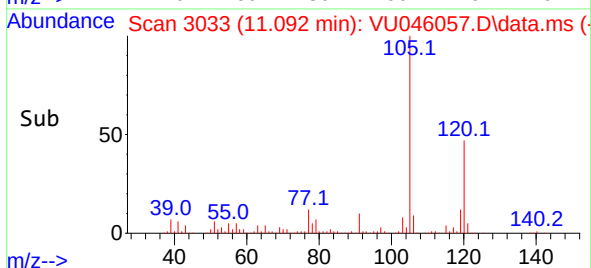
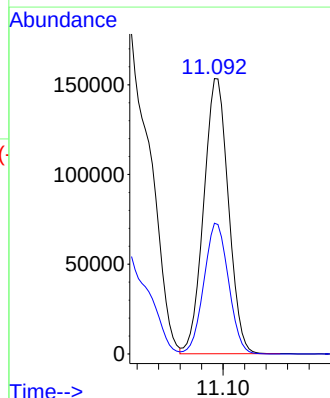
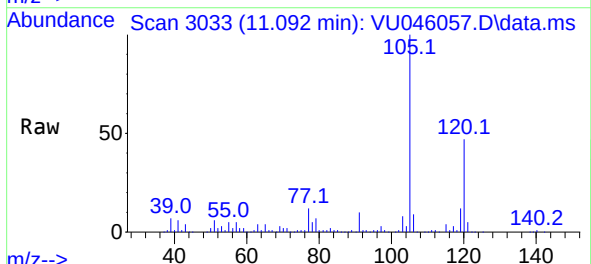
Instrument :
MSVOA_U
ClientSampleId :
BGKP3

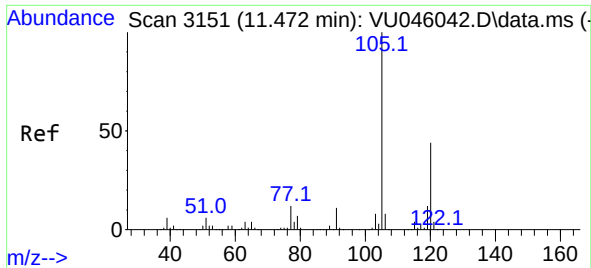
Tgt Ion:	105	Resp:	40663
Ion Ratio	Lower	Upper	
105	100		
120	25.3	20.7	31.1
77	17.3	12.2	18.4



#62
1,3,5-Trimethylbenzene
Concen: 32.668 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Tgt Ion:	105	Resp:	244490
Ion Ratio	Lower	Upper	
105	100		
120	47.4	37.8	56.6





#63
 1,2,4-Trimethylbenzene
 Concen: 101.840 ug/L
 RT: 11.471 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU046057.D
 Acq: 02 Dec 2021 17:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKP3

Tgt Ion:105 Resp: 762553
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.2 52.8

