

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
 Data File : VU046263.D
 Acq On : 10 Dec 2021 14:03
 Operator : SY/MD
 Sample : M4943-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKR5

Quant Time: Dec 10 22:24:23 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)

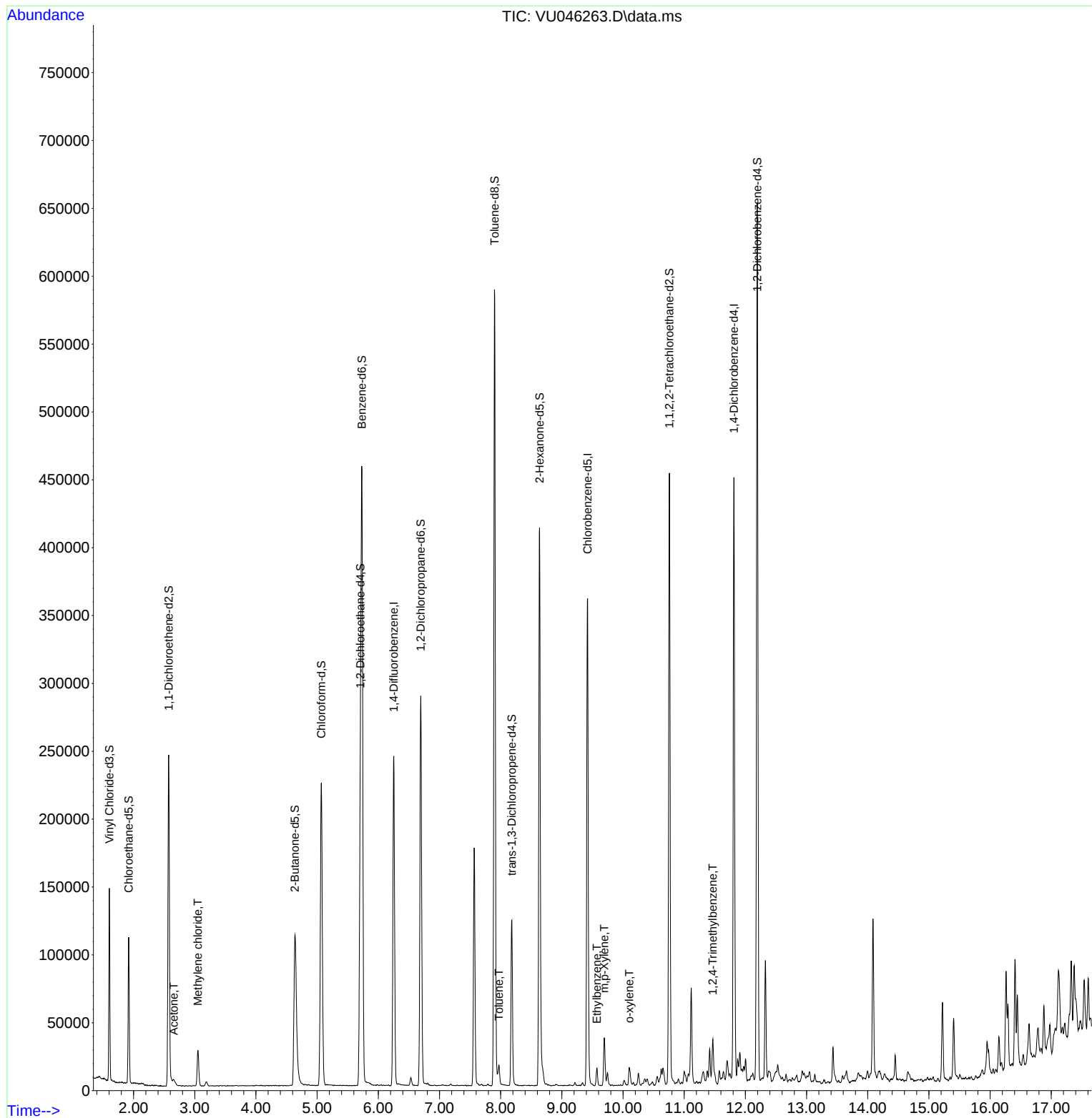
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	201094	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	209200	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	117135	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	97846	59.068	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	118.140%	
7) Chloroethane-d5	1.919	69	77862	61.219	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	122.440%	
11) 1,1-Dichloroethene-d2	2.575	63	143710	48.326	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	96.660%	
21) 2-Butanone-d5	4.636	46	196615	149.308	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	149.310%#	
24) Chloroform-d	5.070	84	210344	76.038	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	152.080%#	
26) 1,2-Dichloroethane-d4	5.706	65	139666	75.231	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	150.460%#	
32) Benzene-d6	5.732	84	436840	72.855	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	145.700%#	
36) 1,2-Dichloropropane-d6	6.693	67	138814	74.700	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	149.400%#	
41) Toluene-d8	7.899	98	396074	72.549	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	145.100%#	
43) trans-1,3-Dichloroprop...	8.182	79	72386	80.693	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	161.380%#	
47) 2-Hexanone-d5	8.636	63	153015	173.668	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	173.670%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	219339	77.831	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	155.660%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	168684	74.778	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	149.560%#	
Target Compounds						
						Qvalue
13) Acetone	2.655	43	7528	4.574	ug/L	95
16) Methylene chloride	3.051	84	13457	8.135	ug/L	96
42) Toluene	7.973	91	9296	1.368	ug/L	99
52) Ethylbenzene	9.571	91	10205	1.396	ug/L	93
53) m,p-Xylene	9.693	106	11268	3.952	ug/L	90
54) o-xylene	10.102	106	3294	1.190	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	14670	2.308	ug/L	98

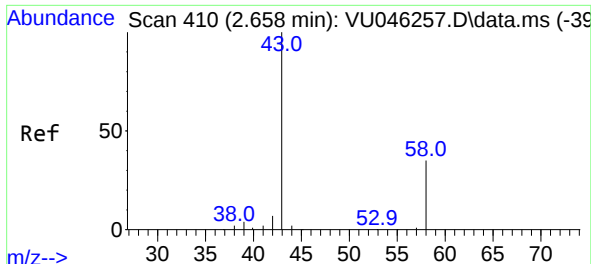
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046263.D
Acq On : 10 Dec 2021 14:03
Operator : SY/MD
Sample : M4943-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR5

Quant Time: Dec 10 22:24:23 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

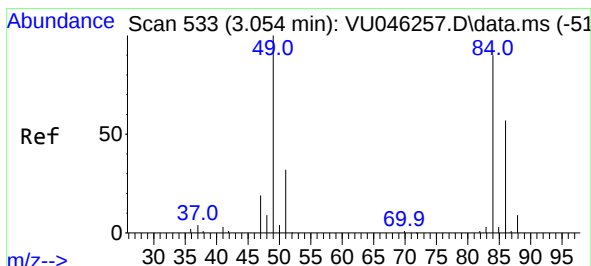
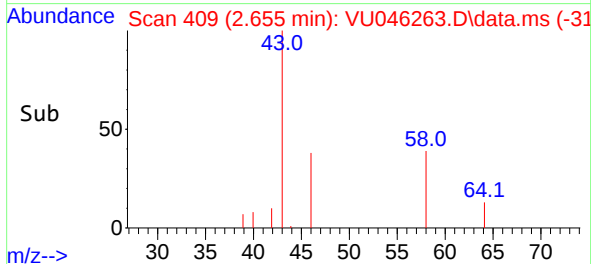
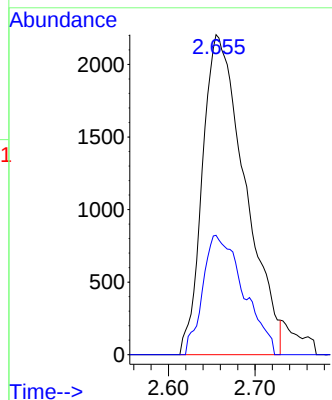
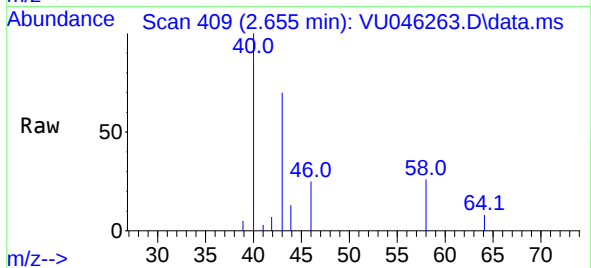




#13
Acetone
Concen: 4.574 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.007 min
Lab File: VU046263.D
Acq: 10 Dec 2021 14:03

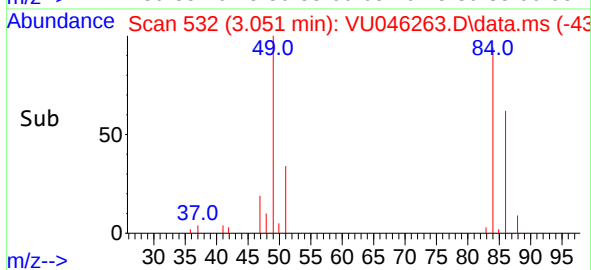
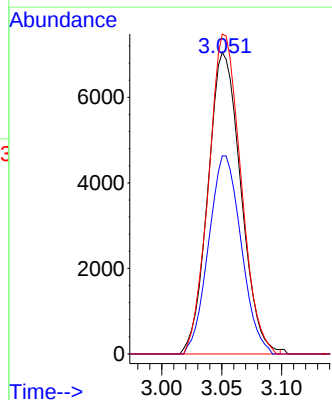
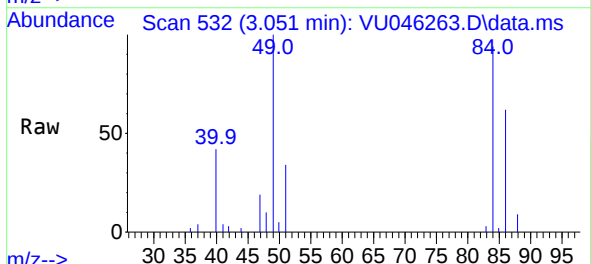
Instrument :
MSVOA_U
ClientSampleId :
BGKR5

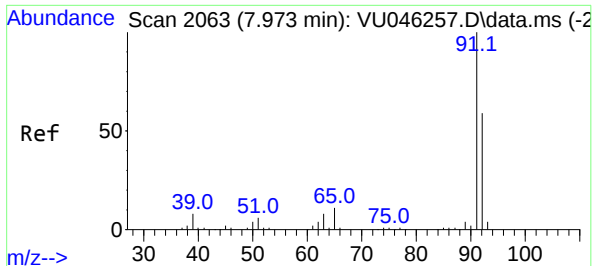
Tgt Ion: 43 Resp: 7528
Ion Ratio Lower Upper
43 100
58 30.4 0.0 66.8



#16
Methylene chloride
Concen: 8.135 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU046263.D
Acq: 10 Dec 2021 14:03

Tgt Ion: 84 Resp: 13457
Ion Ratio Lower Upper
84 100
86 65.7 44.7 83.1
49 106.1 78.4 145.6





#42

Toluene

Concen: 1.368 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU046263.D

Acq: 10 Dec 2021 14:03

Instrument :

MSVOA_U

ClientSampleId :

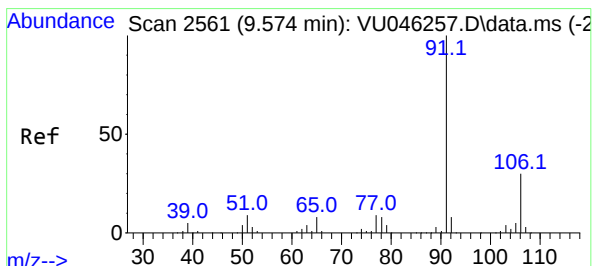
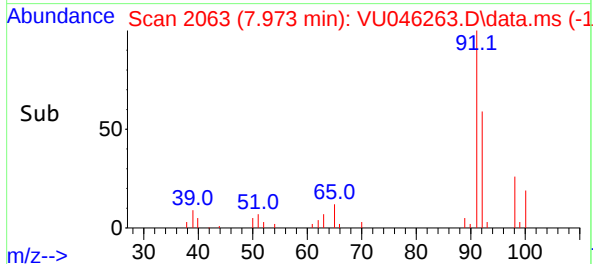
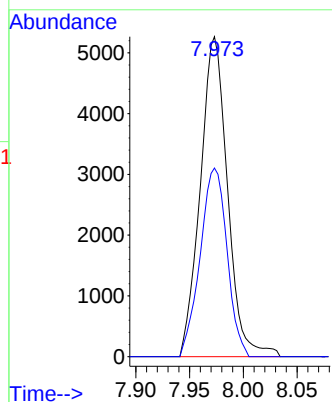
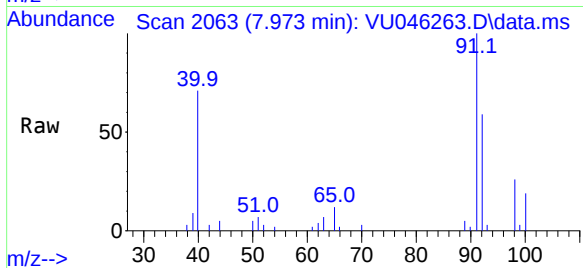
BGKR5

Tgt Ion: 91 Resp: 9296

Ion Ratio Lower Upper

91 100

92 58.9 41.9 77.7



#52

Ethylbenzene

Concen: 1.396 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.003 min

Lab File: VU046263.D

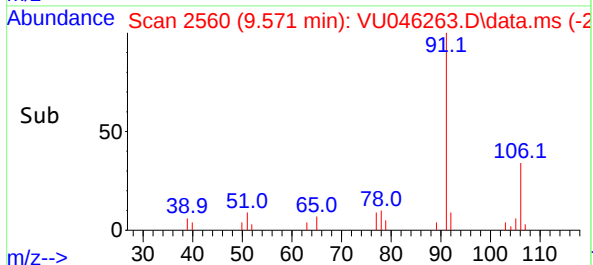
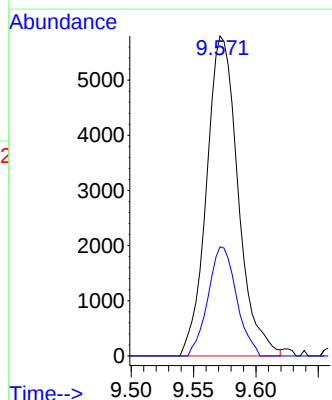
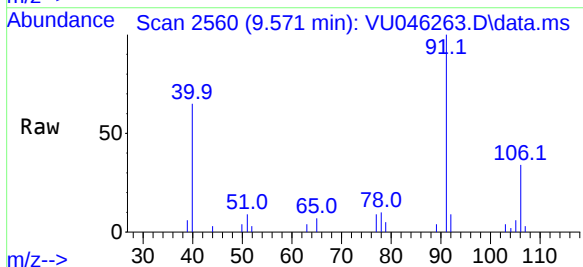
Acq: 10 Dec 2021 14:03

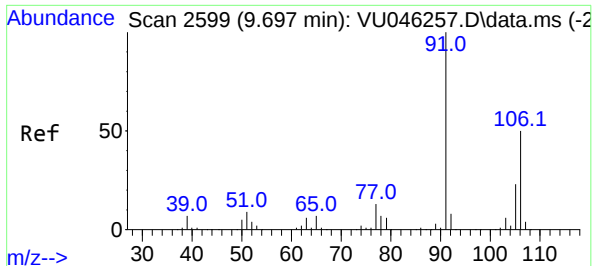
Tgt Ion: 91 Resp: 10205

Ion Ratio Lower Upper

91 100

106 34.1 21.1 39.3

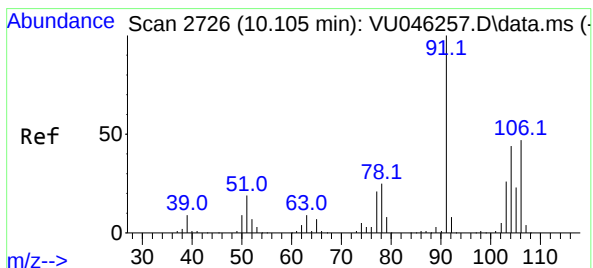
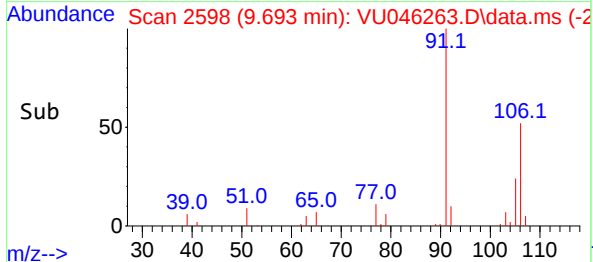
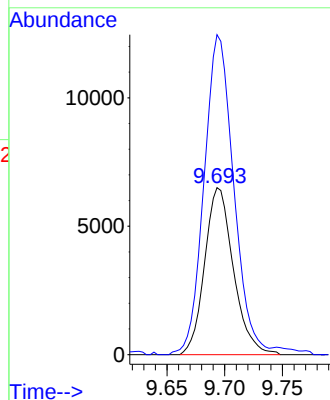
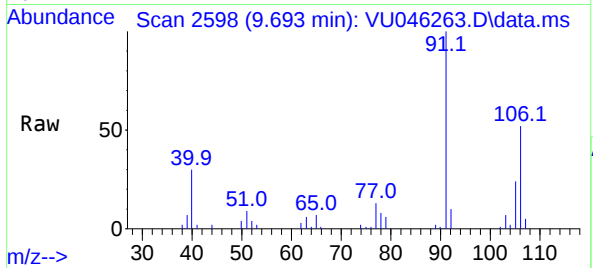




#53
m,p-Xylene
Concen: 3.952 ug/L
RT: 9.693 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046263.D
Acq: 10 Dec 2021 14:03

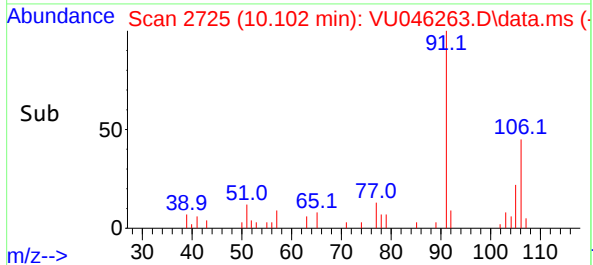
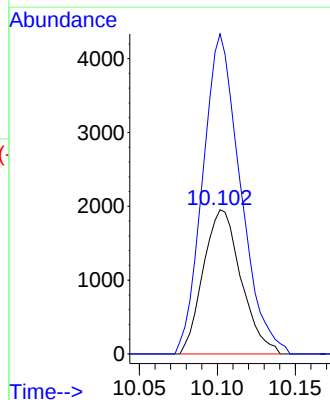
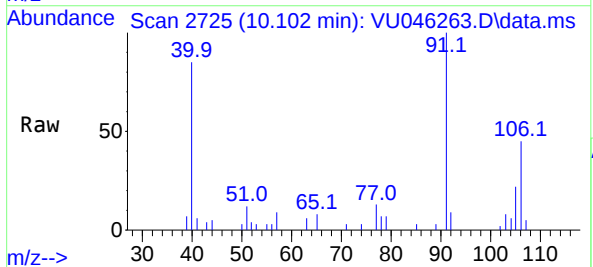
Instrument :
MSVOA_U
ClientSampleId :
BGKR5

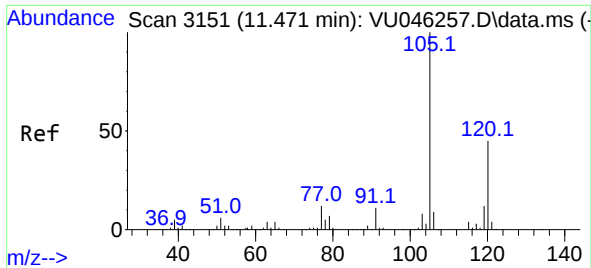
Tgt Ion:106 Resp: 11268
Ion Ratio Lower Upper
106 100
91 191.5 144.3 268.1



#54
o-xylene
Concen: 1.190 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046263.D
Acq: 10 Dec 2021 14:03

Tgt Ion:106 Resp: 3294
Ion Ratio Lower Upper
106 100
91 222.0 154.2 286.4





#63
 1,2,4-Trimethylbenzene
 Concen: 2.308 ug/L
 RT: 11.468 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU046263.D
 Acq: 10 Dec 2021 14:03

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKR5

Tgt Ion:105 Resp: 14670
 Ion Ratio Lower Upper
 105 100
 120 42.4 35.2 52.8

