

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043813.D
 Acq On : 18 May 2021 14:56
 Operator : SY/MD
 Sample : M2444-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z3

Quant Time: May 19 01:42:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 19 01:40:07 2021
 Response via : Initial Calibration

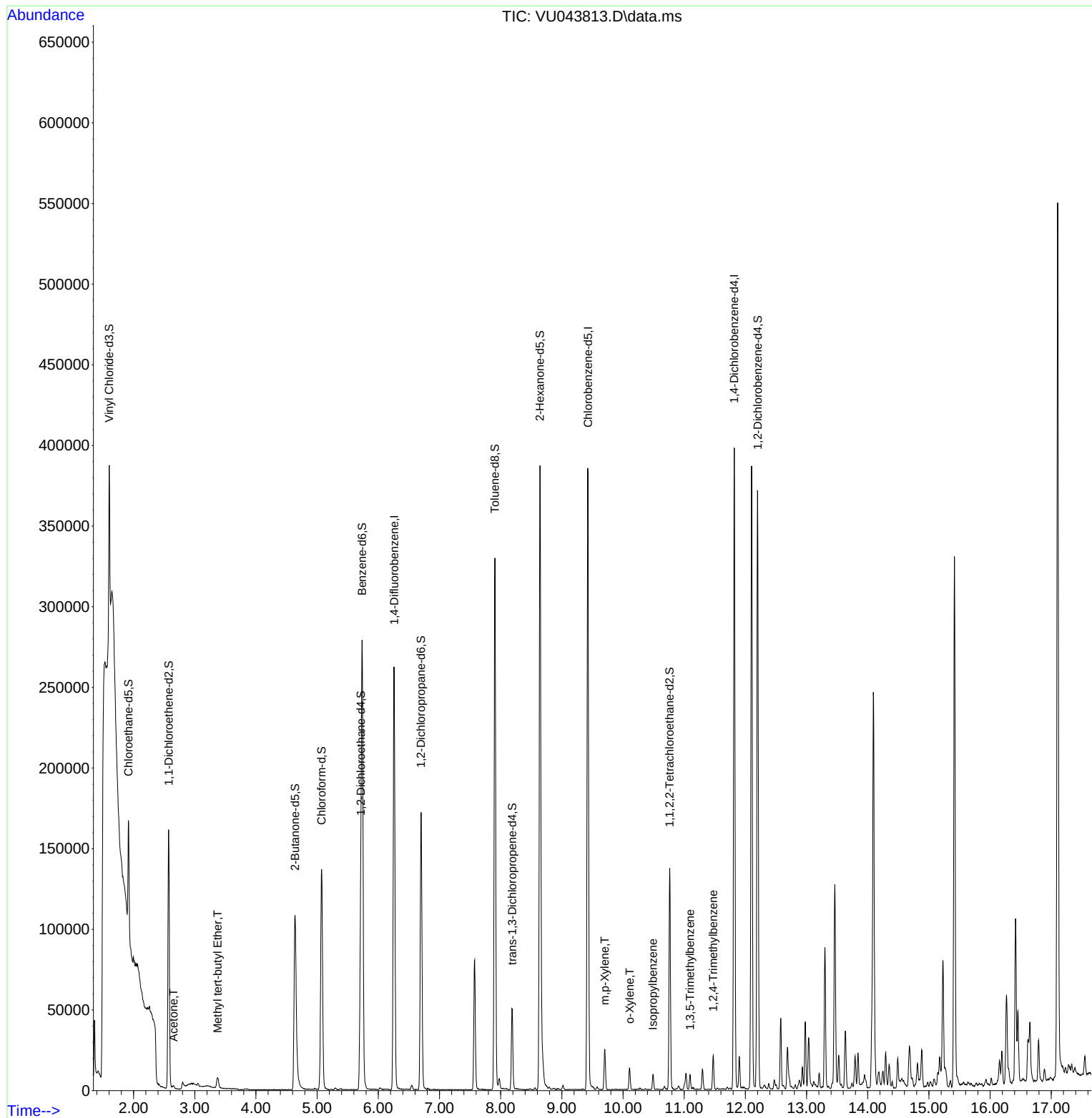
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	218296	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	225633	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	110544	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	70913	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.916	69	48018	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.575	65	29961	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.639	46	173130	56.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.14%
24) Chloroform-d	5.073	84	130352	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.713	65	65789	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.735	84	267591	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.700	67	85836	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	223801	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloroprop...	8.189	79	29604	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.642	63	135288	44.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.62%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	69311	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	100607	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%
Target Compounds						
13) Acetone	2.652	43	2509	1.29	ug/L	92
17) Methyl tert-butyl Ether	3.372	73	6884	0.21	ug/L	98
53) m,p-Xylene	9.703	106	7203	0.27	ug/L	90
54) o-Xylene	10.108	106	3454	0.14	ug/L	94
60) Isopropylbenzene	10.491	105	6379	0.11	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	4923	0.10	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	11269	0.23	ug/L	97

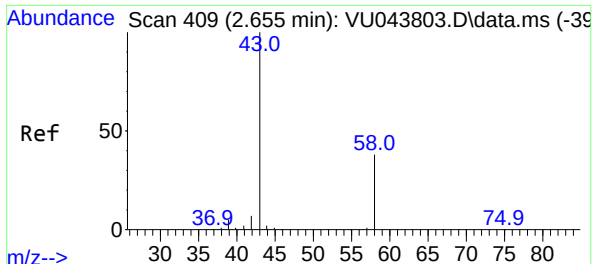
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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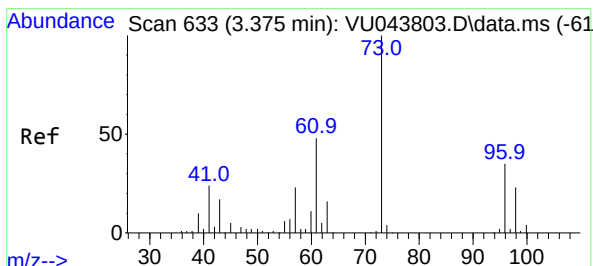
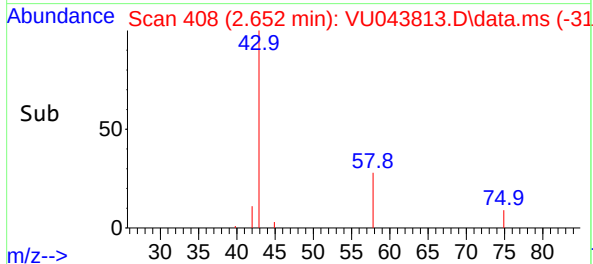
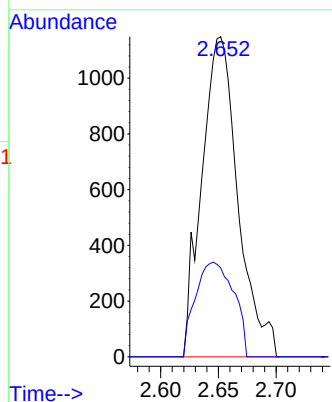
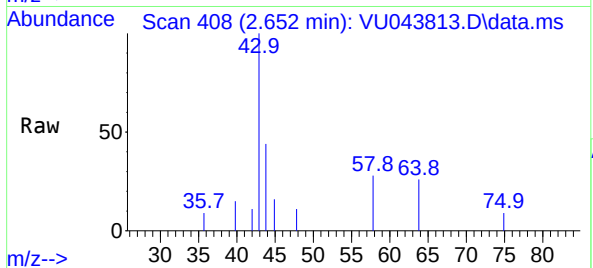




#13
Acetone
Concen: 1.29 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.003 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

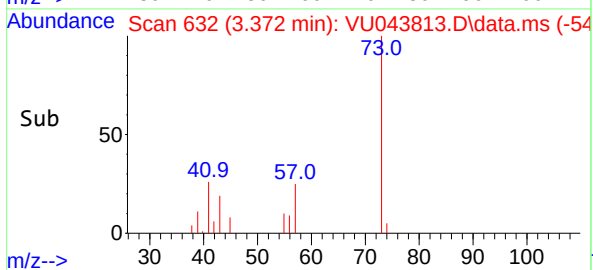
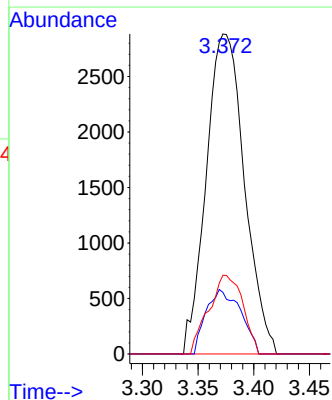
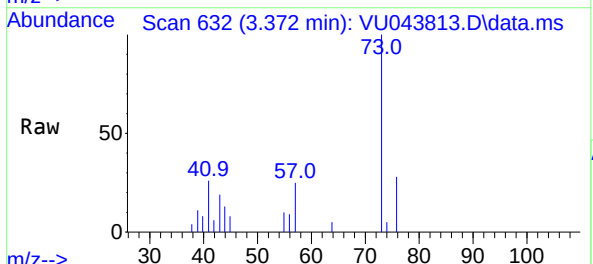
Instrument :
MSVOA_U
ClientSampleId :
BG1Z3

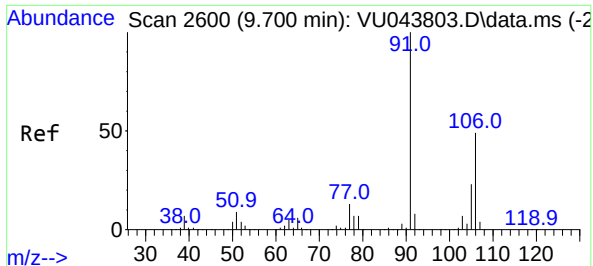
Tgt Ion: 43 Resp: 2509
Ion Ratio Lower Upper
43 100
58 31.1 0.0 71.6



#17
Methyl tert-butyl Ether
Concen: 0.21 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

Tgt Ion: 73 Resp: 6884
Ion Ratio Lower Upper
73 100
43 18.3 15.0 22.4
57 21.9 18.6 27.8

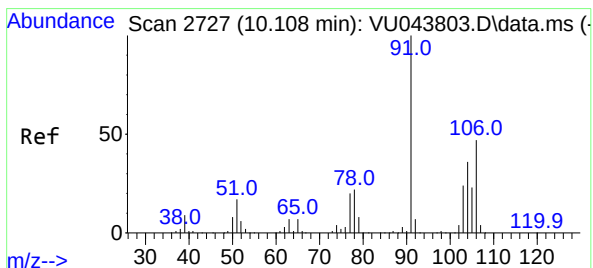
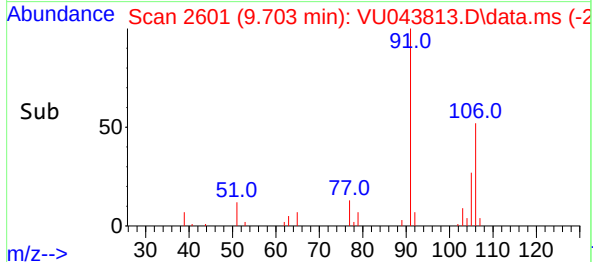
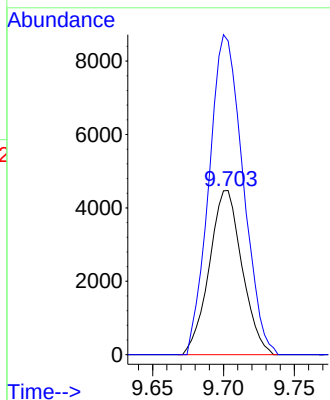
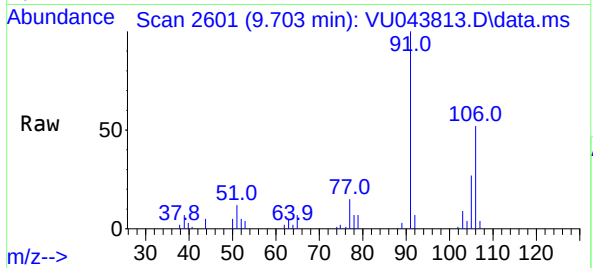




#53
m,p-Xylene
Concen: 0.27 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

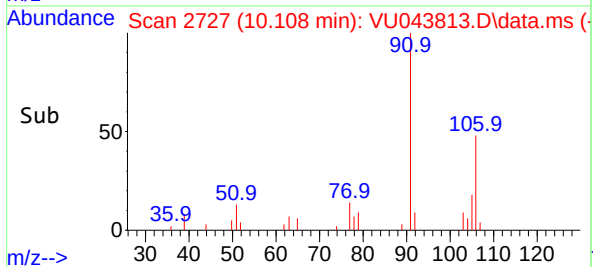
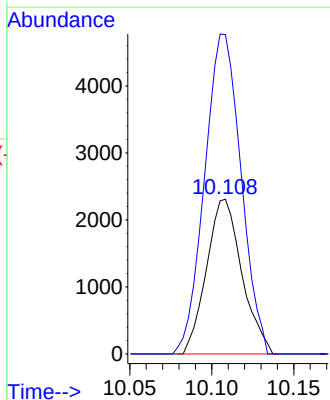
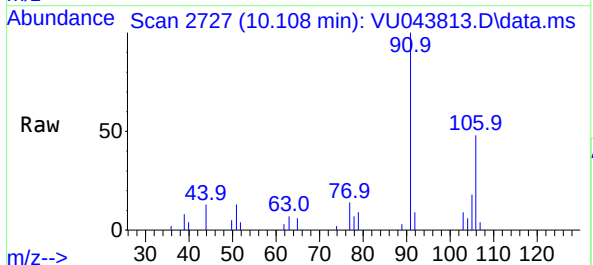
Instrument :
MSVOA_U
ClientSampleId :
BG1Z3

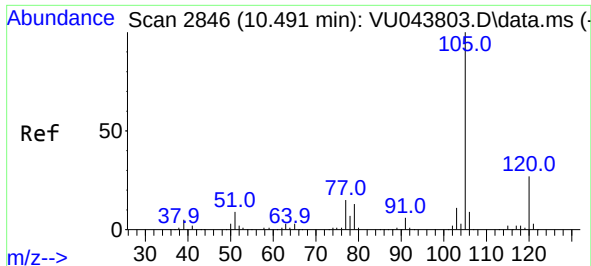
Tgt Ion:106 Resp: 7203
Ion Ratio Lower Upper
106 100
91 191.1 144.4 268.2



#54
o-Xylene
Concen: 0.14 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

Tgt Ion:106 Resp: 3454
Ion Ratio Lower Upper
106 100
91 206.3 150.8 280.0

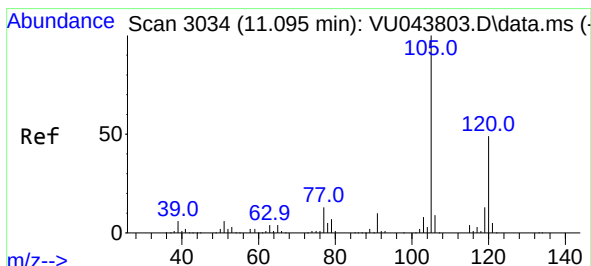
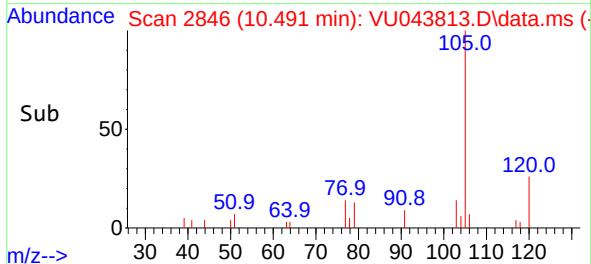
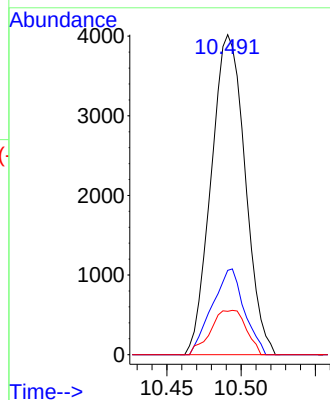
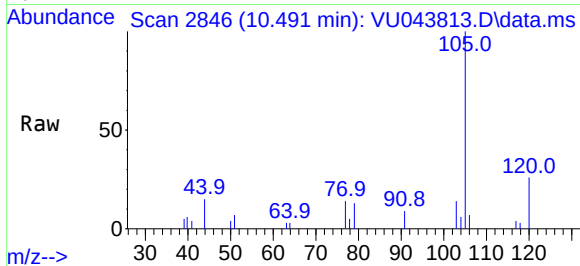




#60
Isopropylbenzene
Concen: 0.11 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

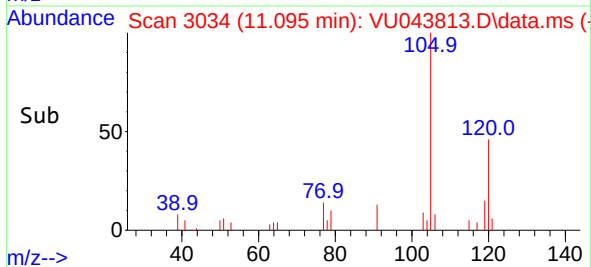
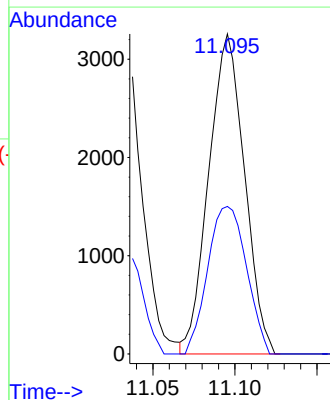
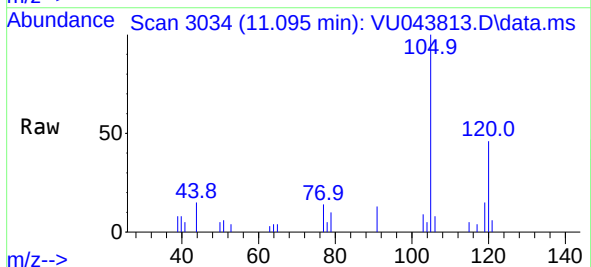
Instrument :
MSVOA_U
ClientSampleId :
BG1Z3

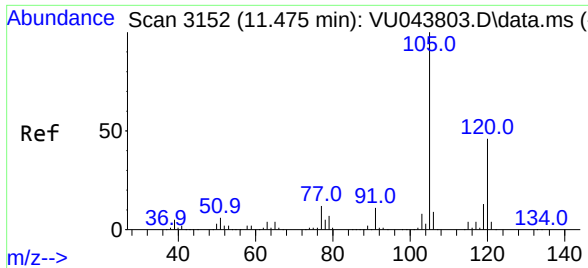
Tgt Ion:	105	Resp:	6379
Ion	Ratio	Lower	Upper
105	100		
120	25.4	21.3	31.9
77	14.5	12.6	19.0



#62
1,3,5-Trimethylbenzene
Concen: 0.10 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

Tgt Ion:	105	Resp:	4923
Ion	Ratio	Lower	Upper
105	100		
120	50.0	38.9	58.3





#63
1,2,4-Trimethylbenzene
Concen: 0.23 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

Instrument :
MSVOA_U
ClientSampleId :
BG1Z3

Tgt Ion:105 Resp: 11269
Ion Ratio Lower Upper
105 100
120 47.0 36.0 54.0

