

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041624\
 Data File : VU058725.D
 Acq On : 16 Apr 2024 18:48
 Operator : MD/SY
 Sample : P2079-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK6

Quant Time: Apr 17 01:14:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 01:09:43 2024
 Response via : Initial Calibration

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

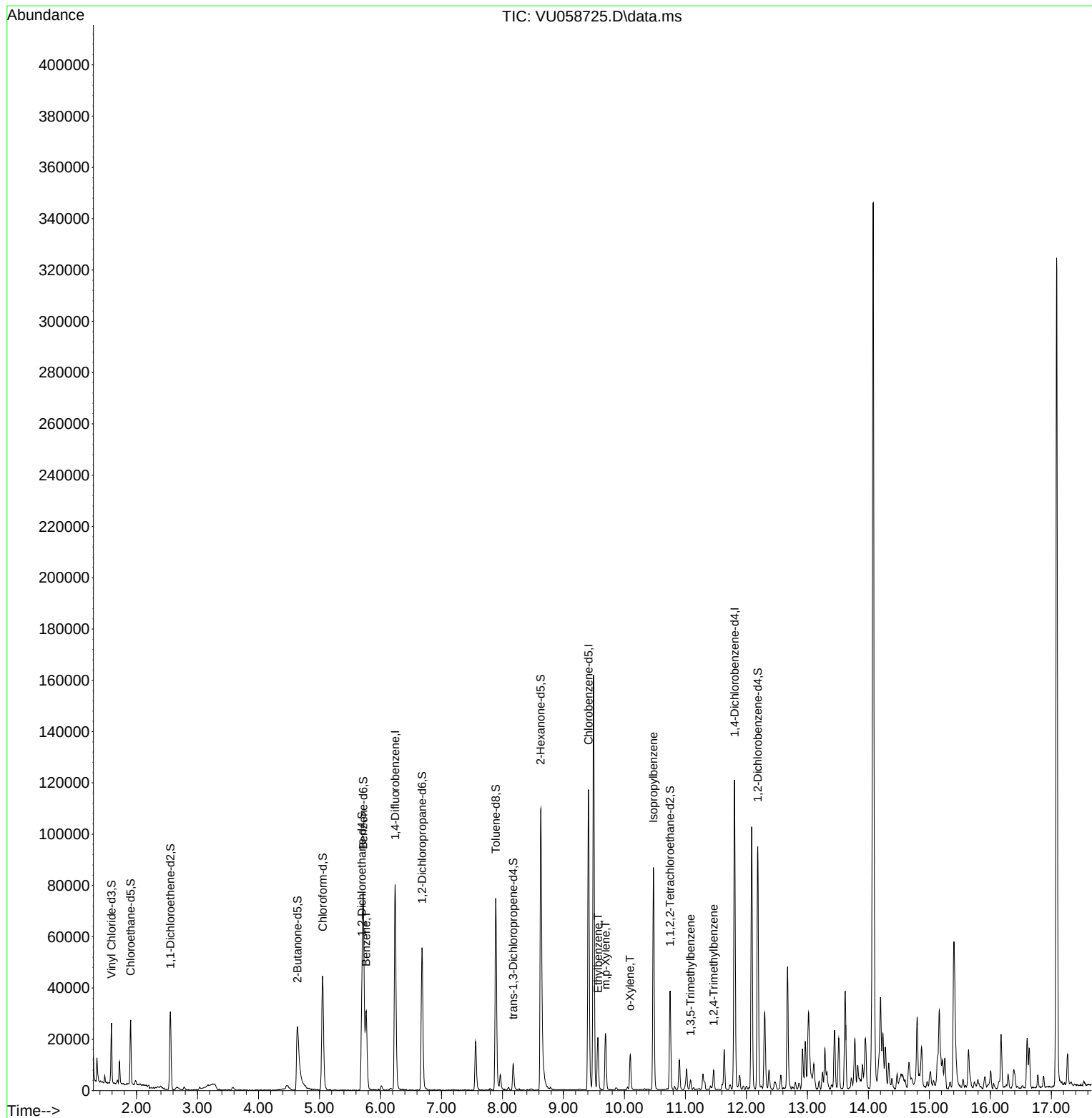
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	61842	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	60710	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	12785	3.123	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.400%	
7) Chloroethane-d5	1.904	69	16210	4.556	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.200%	
11) 1,1-Dichloroethene-d2	2.557	65	6061	3.271	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.400%	
20) 2-Butanone-d5	4.637	46	54253	62.877	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.760%	
24) Chloroform-d	5.052	84	40502	4.955	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	5.695	65	20982	5.501	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.000%	
32) Benzene-d6	5.718	84	68540	4.193	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
36) 1,2-Dichloropropane-d6	6.682	67	25864	5.046	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.891	98	49707	3.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.600%#	
43) trans-1,3-Dichloroprop...	8.177	79	6306	3.963	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.627	63	36720	55.953	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.900%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18445	5.097	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	21537	4.350	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.000%	
Target Compounds						
					Qvalue	
33) Benzene	5.766	78	28512	1.296	ug/L	100
52) Ethylbenzene	9.566	91	13965	0.571	ug/L	95
53) m,p-Xylene	9.692	106	6005	0.686	ug/L	98
54) o-Xylene	10.094	106	3414	0.398	ug/L	99
60) Isopropylbenzene	10.476	105	51122	2.376	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	2592	0.148	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	4134	0.231	ug/L	98

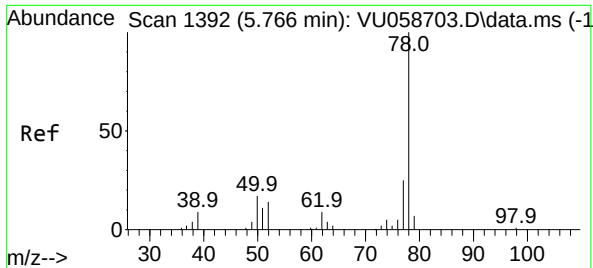
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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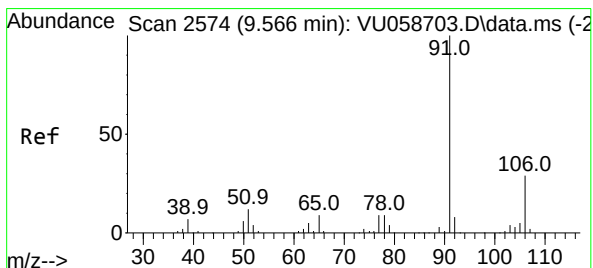
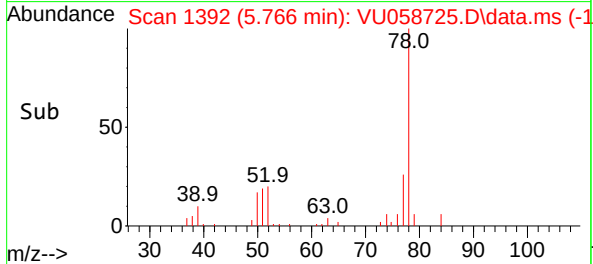
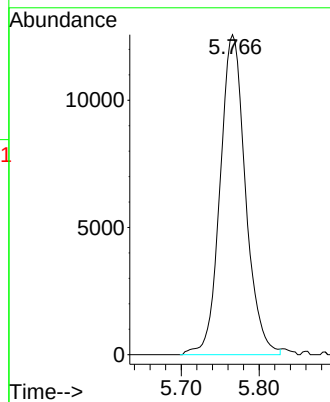
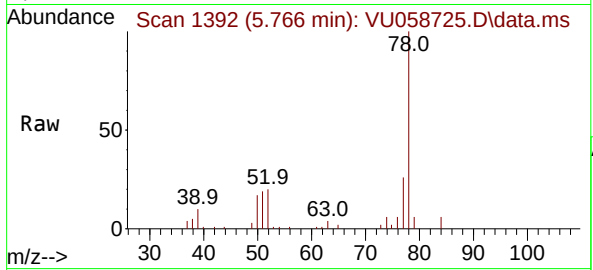




#33
Benzene
Concen: 1.296 ug/L
RT: 5.766 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058725.D
Acq: 16 Apr 2024 18:48

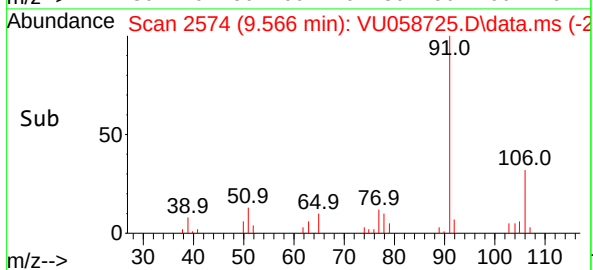
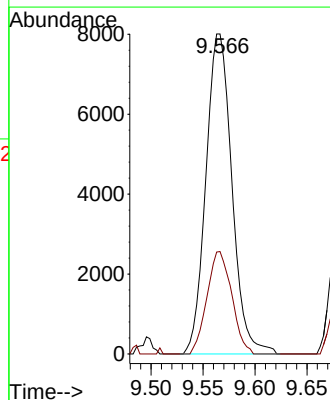
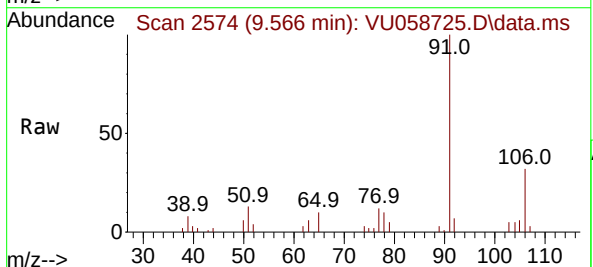
Instrument :
MSVOA_U
ClientSampleId :
C0AK6

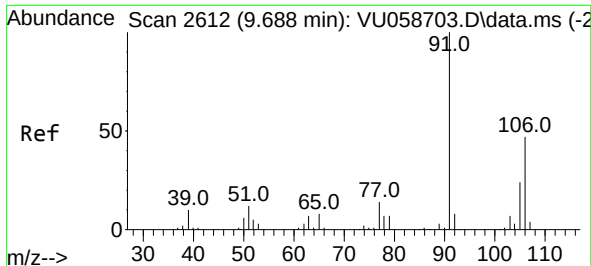
Tgt Ion: 78 Resp: 28512



#52
Ethylbenzene
Concen: 0.571 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU058725.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 91 Resp: 13965
Ion Ratio Lower Upper
91 100
106 32.0 20.6 38.4

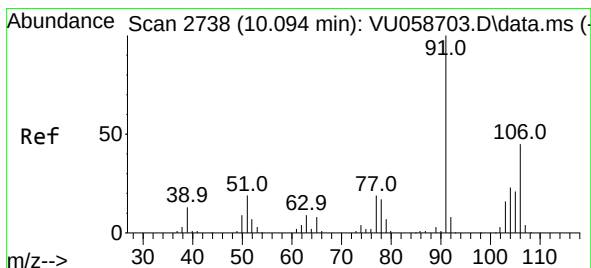
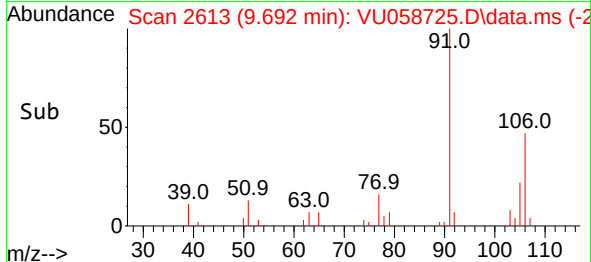
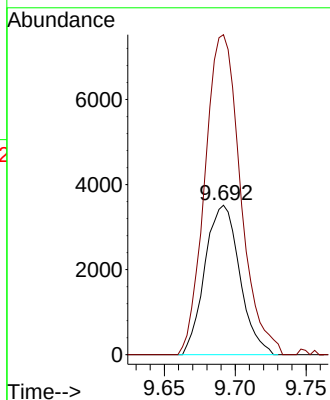
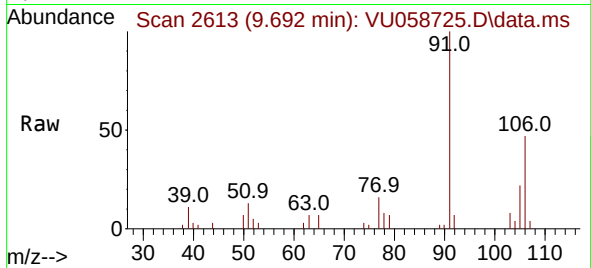




#53
m,p-Xylene
Concen: 0.686 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058725.D
Acq: 16 Apr 2024 18:48

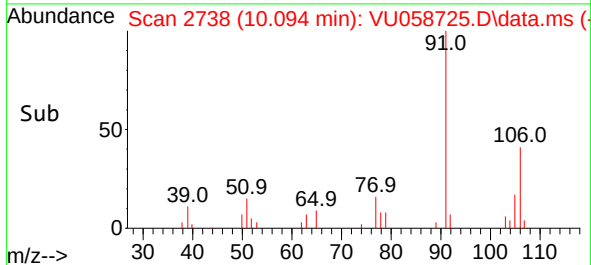
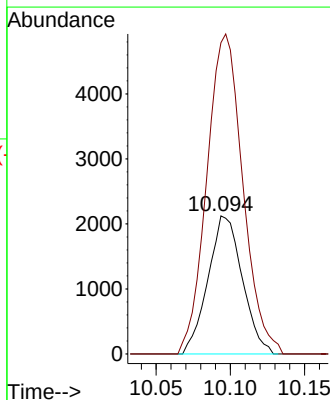
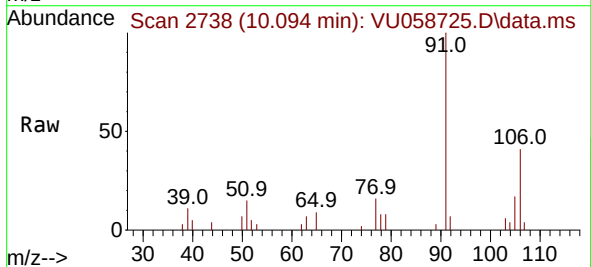
Instrument :
MSVOA_U
ClientSampleId :
C0AK6

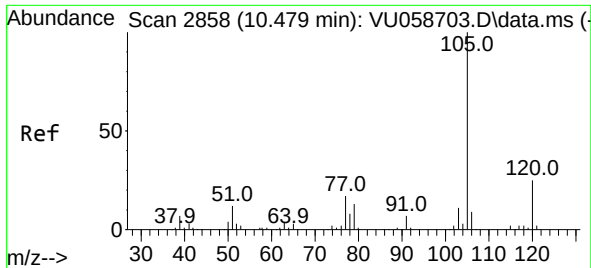
Tgt Ion:106 Resp: 6005
Ion Ratio Lower Upper
106 100
91 214.2 147.8 274.4



#54
o-Xylene
Concen: 0.398 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU058725.D
Acq: 16 Apr 2024 18:48

Tgt Ion:106 Resp: 3414
Ion Ratio Lower Upper
106 100
91 225.5 156.9 291.5

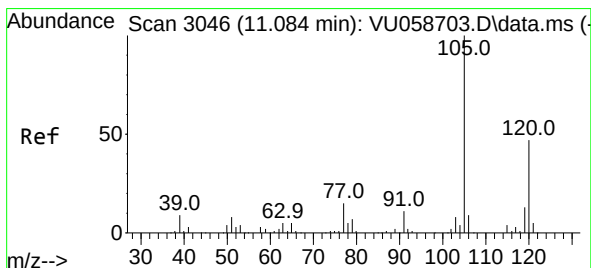
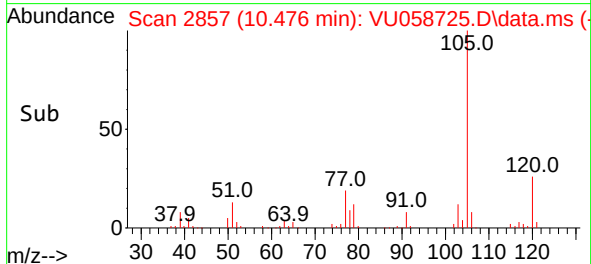
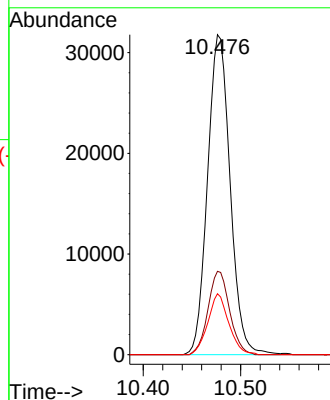
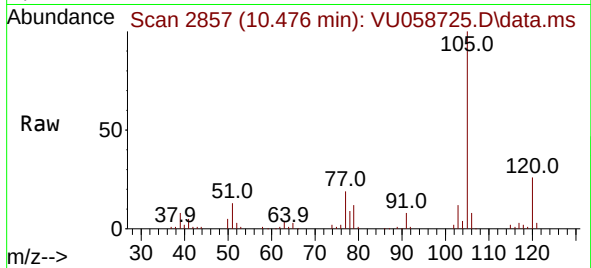




#60
Isopropylbenzene
Concen: 2.376 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058725.D
Acq: 16 Apr 2024 18:48

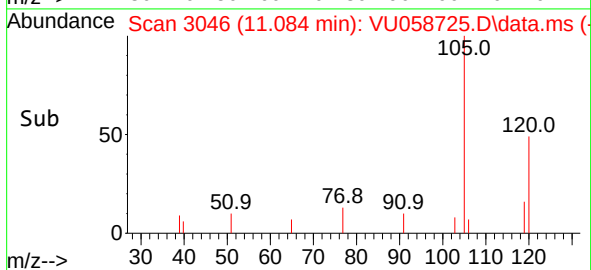
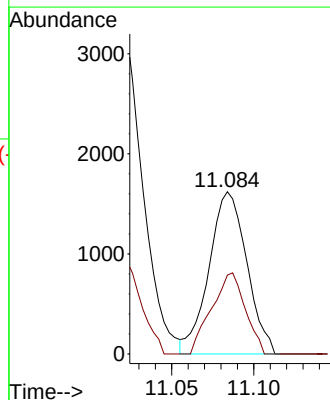
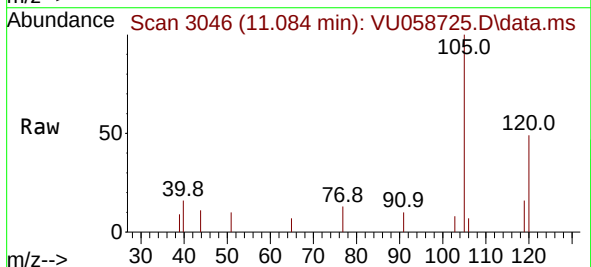
Instrument :
MSVOA_U
ClientSampleId :
C0AK6

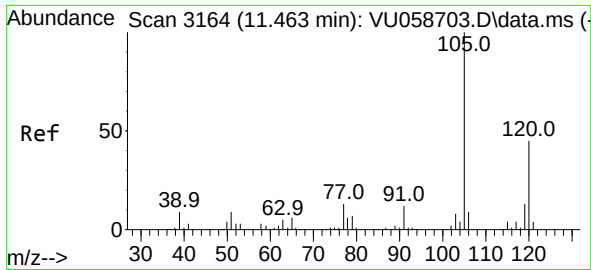
Tgt Ion:105 Resp: 51122
Ion Ratio Lower Upper
105 100
120 24.9 20.2 30.4
77 17.7 13.5 20.3



#62
1,3,5-Trimethylbenzene
Concen: 0.148 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU058725.D
Acq: 16 Apr 2024 18:48

Tgt Ion:105 Resp: 2592
Ion Ratio Lower Upper
105 100
120 44.5 37.2 55.8





#63

1,2,4-Trimethylbenzene

Concen: 0.231 ug/L

RT: 11.463 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU058725.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_U

ClientSampleId :

C0AK6

Tgt Ion:105 Resp: 4134

Ion Ratio Lower Upper

105 100

120 41.9 34.7 52.1

