

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042241.D
 Acq On : 03 Feb 2021 18:37
 Operator : SY/MD
 Sample : M1259-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E59

Quant Time: Feb 04 05:11:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 04:20:04 2021
 Response via : Initial Calibration

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

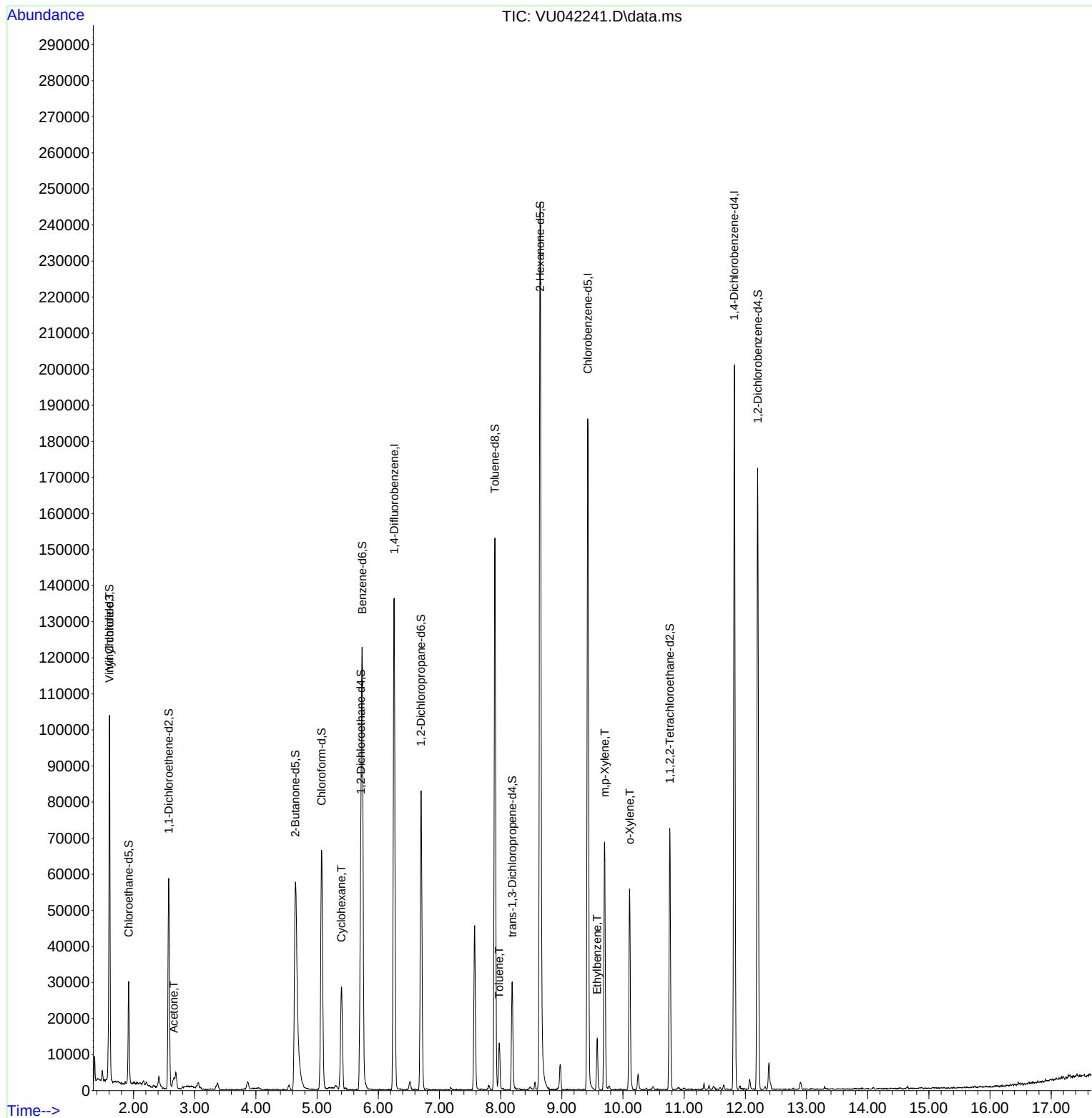
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	107554	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	98629	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52452	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19819	2.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.20%
7) Chloroethane-d5	1.919	69	18760	3.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.20%
11) 1,1-Dichloroethene-d2	2.575	63	37099	2.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.60%#
20) 2-Butanone-d5	4.646	46	125551	49.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.18%
24) Chloroform-d	5.073	84	59010	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.713	65	37540	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.739	84	104058	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.700	67	36325	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.906	98	94476	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloroprop...	8.189	79	15463	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.646	63	91327	49.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.62%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32977	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.202	152	43972	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	50758	5.87	ug/L	97
13) Acetone	2.659	43	6573	3.90	ug/L	93
30) Cyclohexane	5.398	56	14272	1.02	ug/L	95
42) Toluene	7.977	91	9119	0.29	ug/L	95
52) Ethylbenzene	9.578	91	9674	0.27	ug/L	95
53) m,p-Xylene	9.700	106	18018	1.34	ug/L	91
54) o-Xylene	10.108	106	13802	1.06	ug/L	87

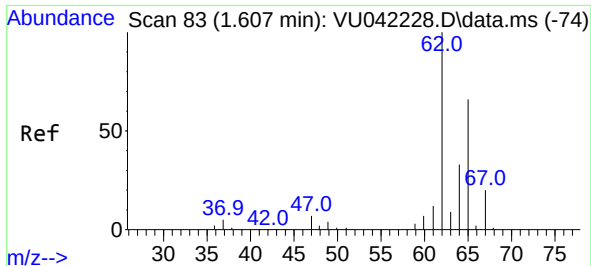
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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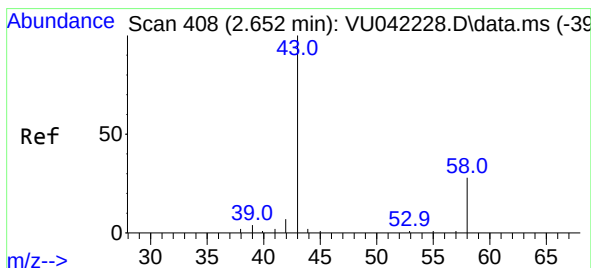
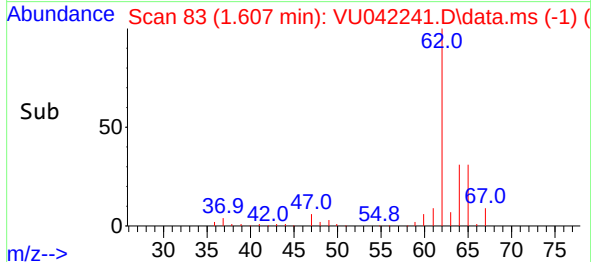
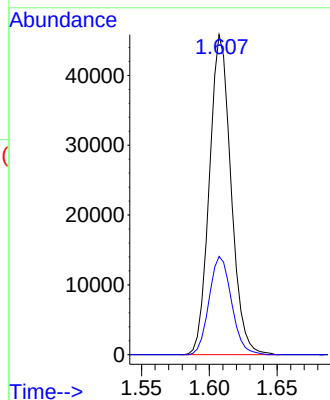
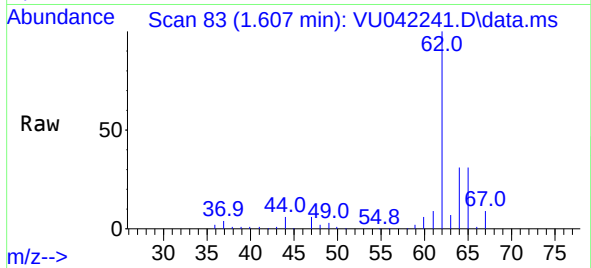




#5
 Vinyl chloride
 Concen: 5.87 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042241.D
 Acq: 03 Feb 2021 18:37

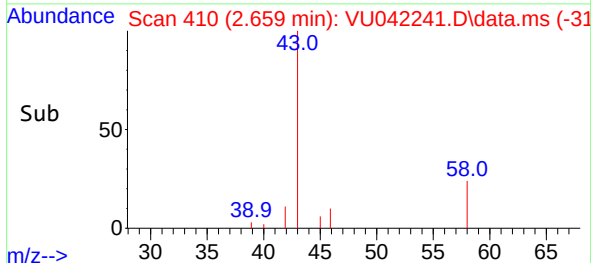
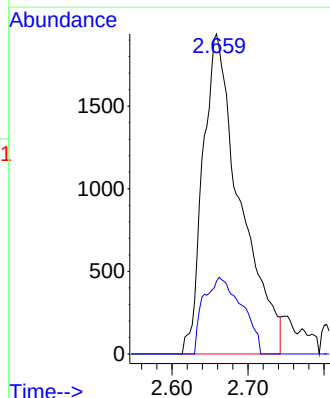
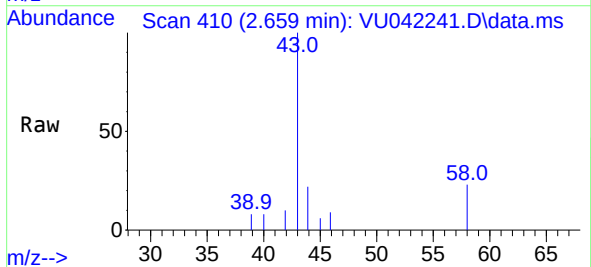
Instrument :
 MSVOA_U
 ClientSampleId :
 F1E59

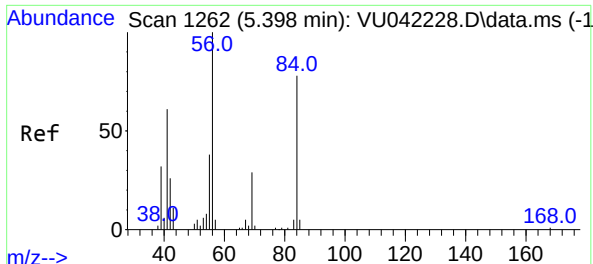
Tgt Ion: 62 Resp: 50758
 Ion Ratio Lower Upper
 62 100
 64 30.7 22.7 42.1



#13
 Acetone
 Concen: 3.90 ug/L
 RT: 2.659 min Scan# 410
 Delta R.T. 0.007 min
 Lab File: VU042241.D
 Acq: 03 Feb 2021 18:37

Tgt Ion: 43 Resp: 6573
 Ion Ratio Lower Upper
 43 100
 58 24.5 0.0 55.8





#30

Cyclohexane

Concen: 1.02 ug/L

RT: 5.398 min Scan# 1262

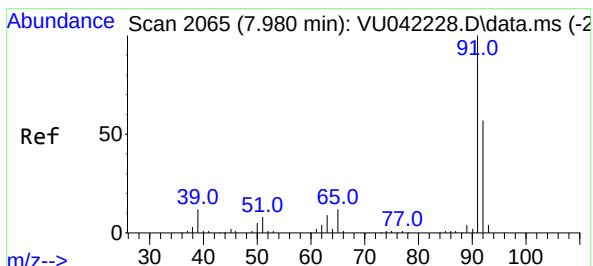
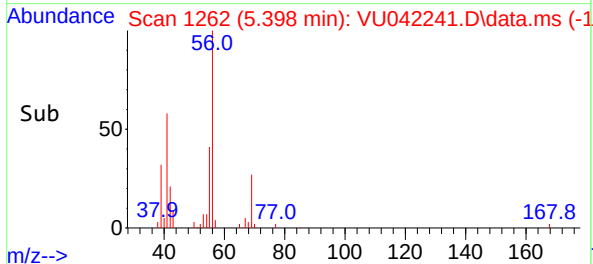
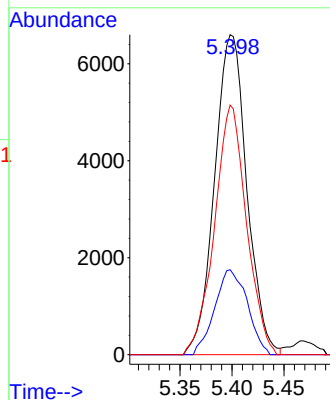
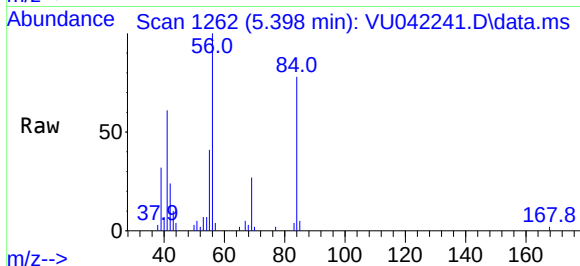
Delta R.T. 0.000 min

Lab File: VU042241.D

Acq: 03 Feb 2021 18:37

Tgt Ion: 56 Resp: 14272

Ion	Ratio	Lower	Upper
56	100		
69	26.8	23.7	35.5
84	77.0	65.3	97.9



#42

Toluene

Concen: 0.29 ug/L

RT: 7.977 min Scan# 2064

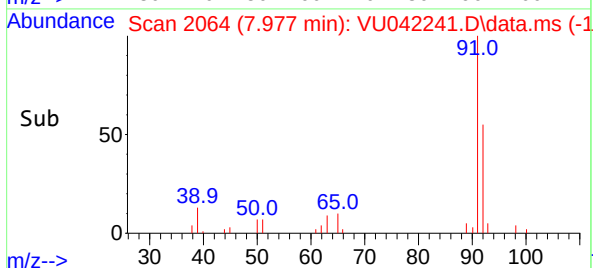
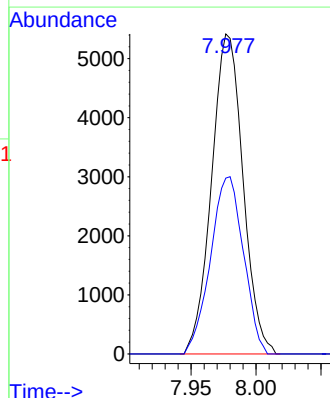
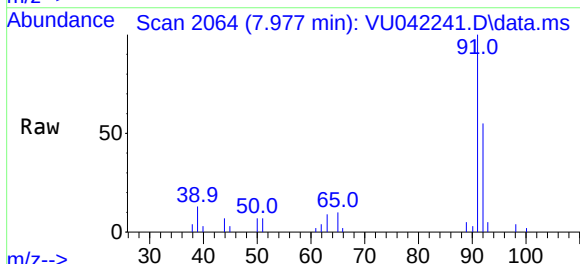
Delta R.T. -0.003 min

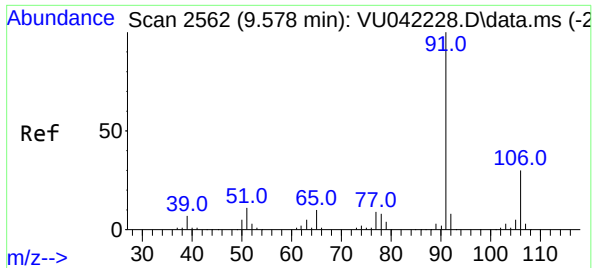
Lab File: VU042241.D

Acq: 03 Feb 2021 18:37

Tgt Ion: 91 Resp: 9119

Ion	Ratio	Lower	Upper
91	100		
92	54.9	41.2	76.6

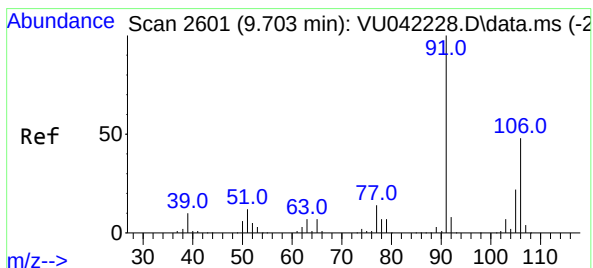
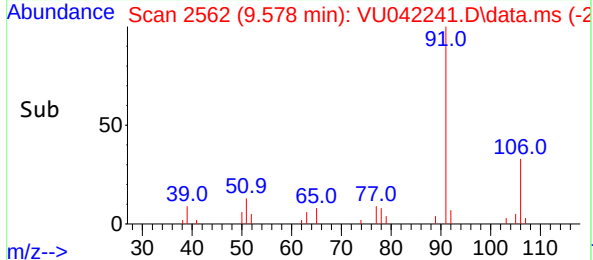
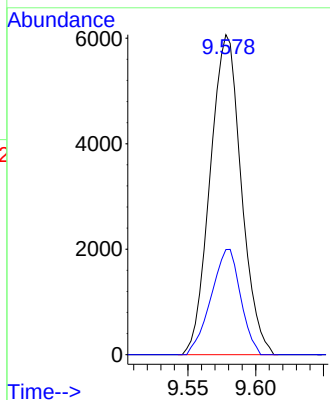
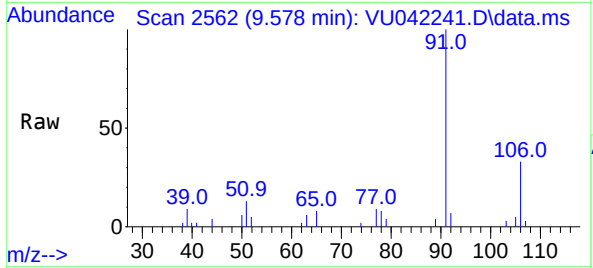




#52
Ethylbenzene
Concen: 0.27 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

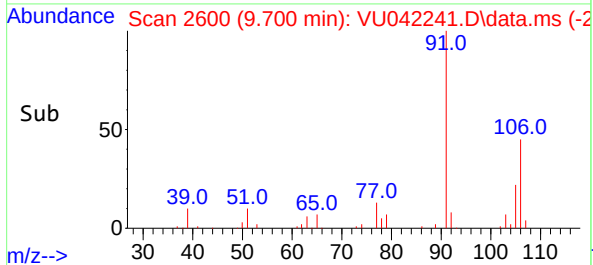
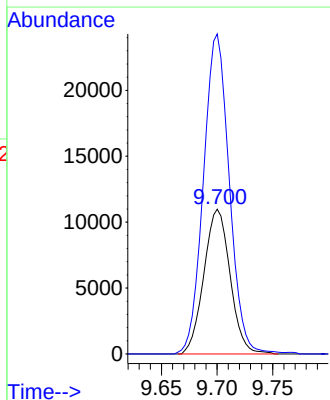
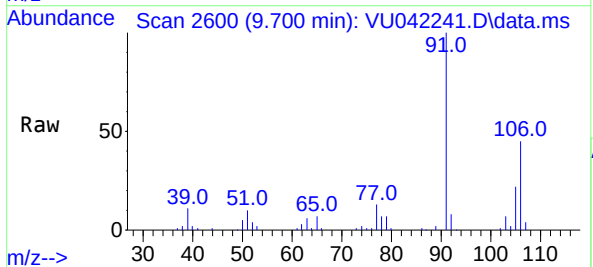
Instrument :
MSVOA_U
ClientSampled :
F1E59

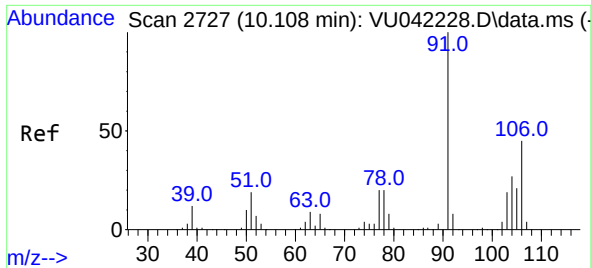
Tgt Ion: 91 Resp: 9674
Ion Ratio Lower Upper
91 100
106 32.8 21.1 39.3



#53
m,p-Xylene
Concen: 1.34 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

Tgt Ion: 106 Resp: 18018
Ion Ratio Lower Upper
106 100
91 220.9 145.1 269.5





#54
o-Xylene
Concen: 1.06 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

Instrument :
MSVOA_U
ClientSampleId :
F1E59

Tgt Ion:106 Resp: 13802
Ion Ratio Lower Upper
106 100
91 239.5 153.0 284.2

