

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051148.D
 Acq On : 06 Oct 2022 00:17
 Operator : JC/MD
 Sample : N4890-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E2

Quant Time: Oct 06 06:32:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 06:20:30 2022
 Response via : Initial Calibration

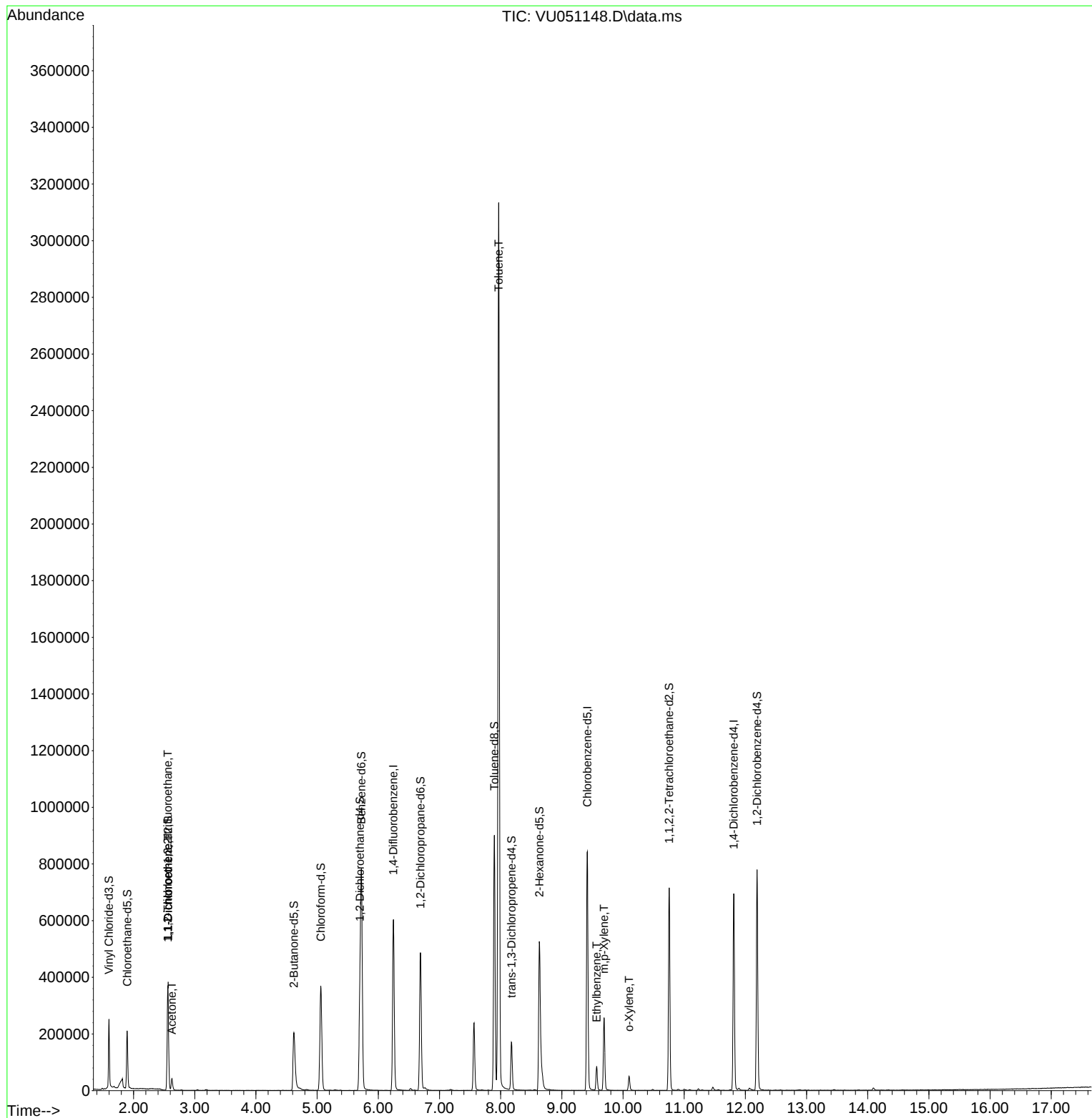
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	500086	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	480288	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	187260	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	162309	32.026	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.060%
7) Chloroethane-d5	1.896	69	156958	33.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.680%#
11) 1,1-Dichloroethene-d2	2.562	63	220211	29.415	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.820%#
21) 2-Butanone-d5	4.620	46	298002	90.658	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.660%
24) Chloroform-d	5.060	84	352703	43.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.700	65	227784	45.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.140%
32) Benzene-d6	5.723	84	734876	52.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.500%
36) 1,2-Dichloropropane-d6	6.690	67	248013	54.343	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.680%
41) Toluene-d8	7.896	98	610786	47.003	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.176	79	96960	44.542	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.080%
47) 2-Hexanone-d5	8.632	63	162430	88.143	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.140%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	363646	45.591	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.180%
66) 1,2-Dichlorobenzene-d4	12.192	152	204541	51.130	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.260%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	2149	0.563	ug/L #	22
12) 1,1-Dichloroethene	2.562	96	2035	0.571	ug/L #	1
13) Acetone	2.626	43	42905	16.346	ug/L	99
42) Toluene	7.967	91	2349539	150.857	ug/L	100
52) Ethylbenzene	9.568	91	60587	3.647	ug/L	95
53) m,p-Xylene	9.690	106	73306	11.734	ug/L	97
54) o-Xylene	10.099	106	13303	2.130	ug/L	97

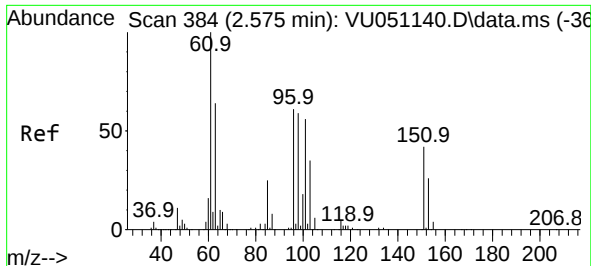
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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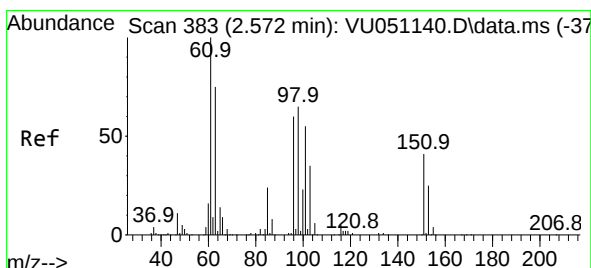
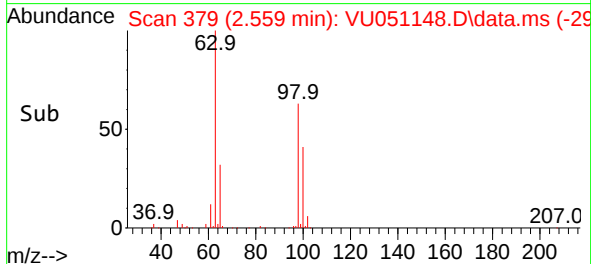
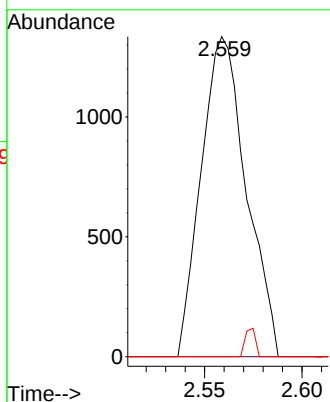
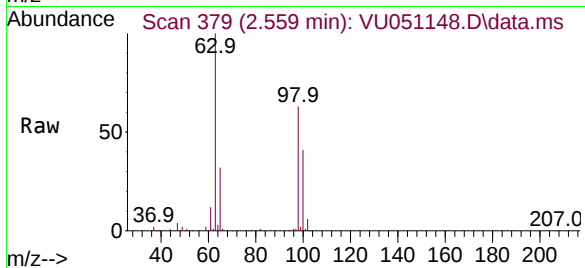




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.563 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU051148.D
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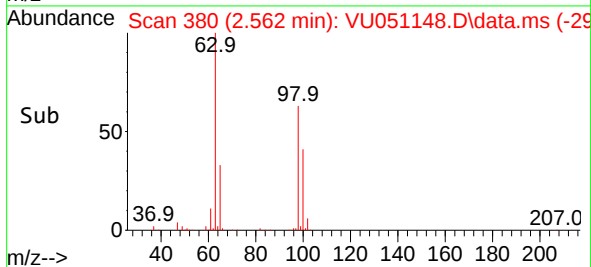
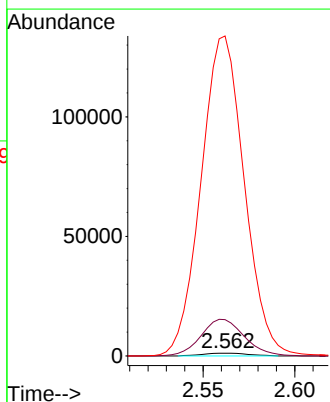
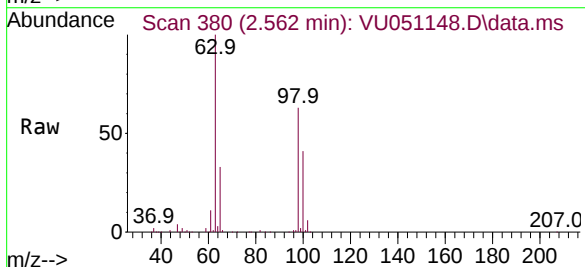
Instrument :
MSVOA_U
ClientSampleId :
EY0E2

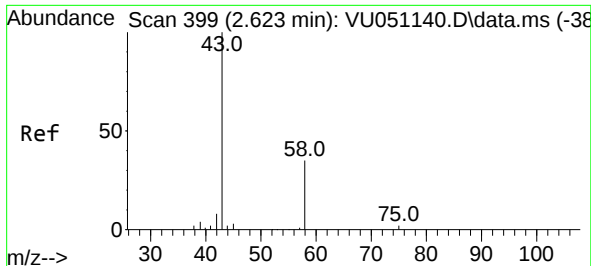
Tgt Ion:101 Resp: 2149
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 2.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.571 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.010 min
Lab File: VU051148.D
Acq: 06 Oct 2022 00:17

Tgt Ion: 96 Resp: 2035
Ion Ratio Lower Upper
96 100
61 1315.6 113.0 209.9#
63 11576.5 91.7 170.3#





#13

Acetone

Concen: 16.346 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU051148.D

Acq: 06 Oct 2022 00:17

Instrument :

MSVOA_U

ClientSampleId :

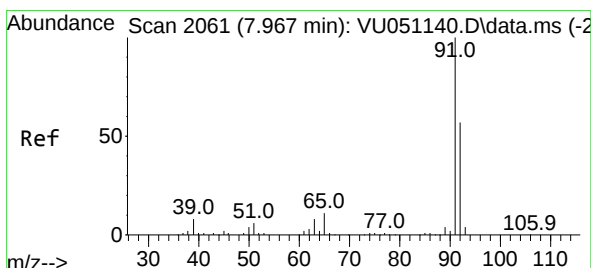
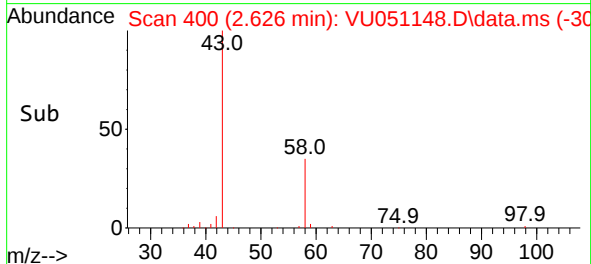
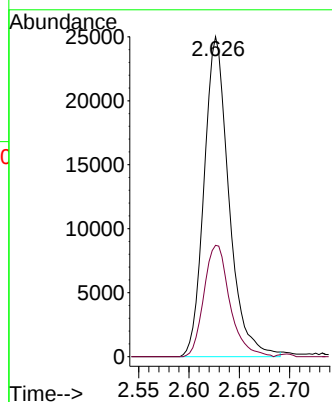
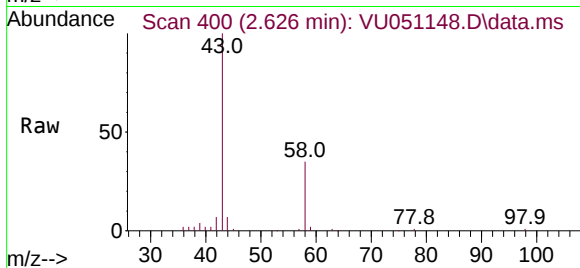
EY0E2

Tgt Ion: 43 Resp: 42905

Ion Ratio Lower Upper

43 100

58 36.3 0.0 73.6



#42

Toluene

Concen: 150.857 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051148.D

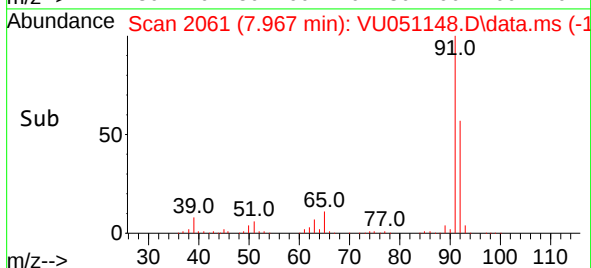
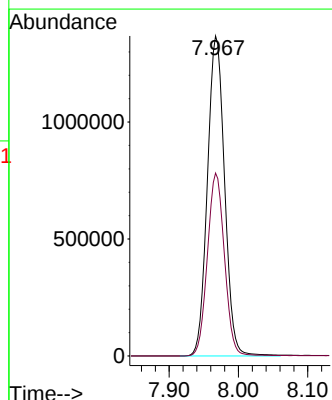
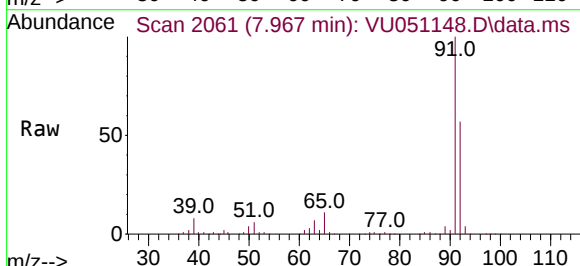
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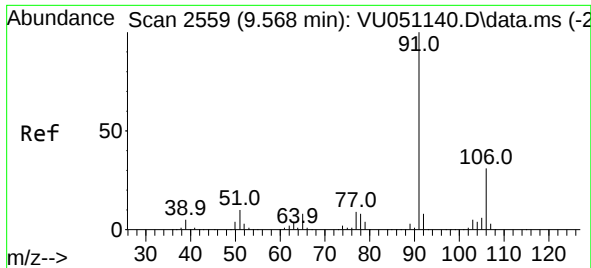
Tgt Ion: 91 Resp: 2349539

Ion Ratio Lower Upper

91 100

92 57.1 40.1 74.5

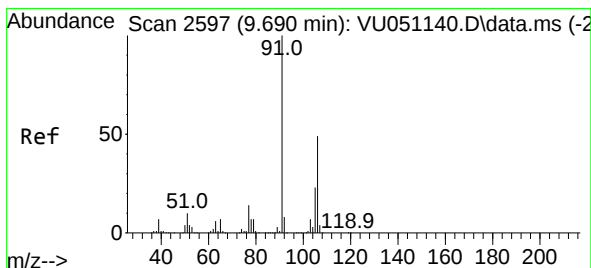
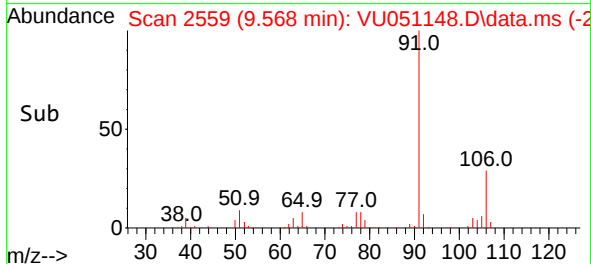
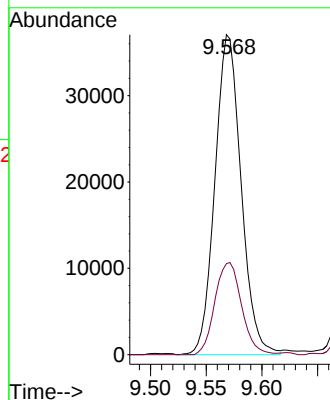
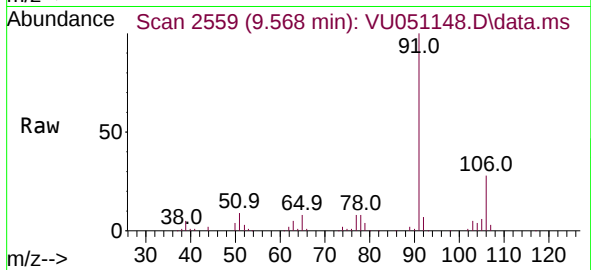




#52
Ethylbenzene
Concen: 3.647 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051148.D
Acq: 06 Oct 2022 00:17

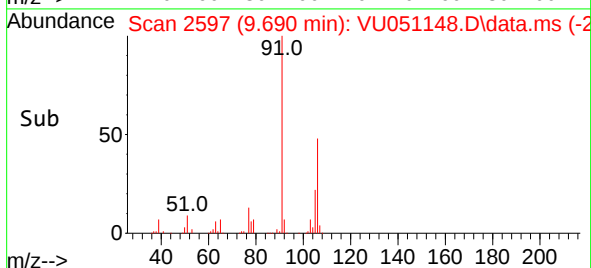
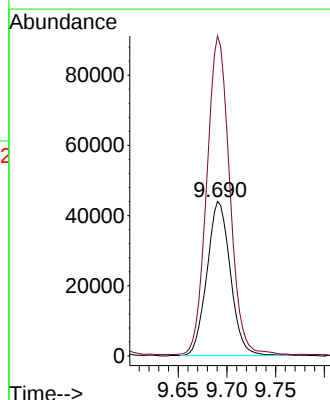
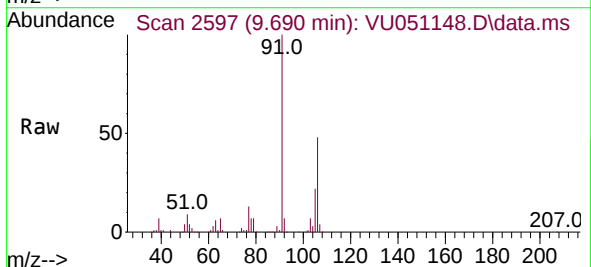
Instrument :
MSVOA_U
ClientSampleId :
EY0E2

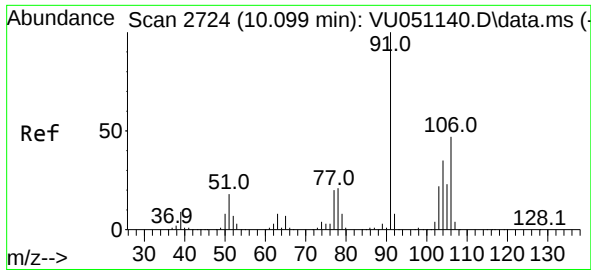
Tgt Ion: 91 Resp: 60587
Ion Ratio Lower Upper
91 100
106 28.4 21.7 40.3



#53
m,p-Xylene
Concen: 11.734 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU051148.D
Acq: 06 Oct 2022 00:17

Tgt Ion: 106 Resp: 73306
Ion Ratio Lower Upper
106 100
91 207.1 141.9 263.5





#54

o-Xylene

Concen: 2.130 ug/L

RT: 10.099 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051148.D

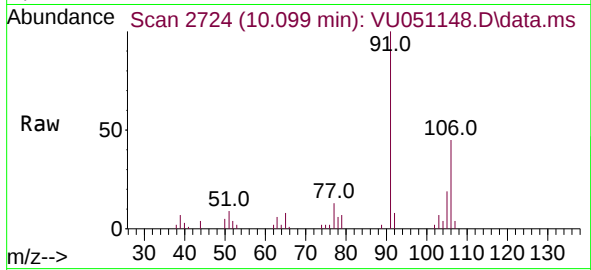
Acq: 06 Oct 2022 00:17

Instrument :

MSVOA_U

ClientSampleId :

EY0E2



Tgt Ion:106 Resp: 13303

Ion Ratio Lower Upper

106 100

91 222.5 152.4 283.0

