

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045241.D
 Acq On : 08 Oct 2021 11:07
 Operator : SY/MD
 Sample : M4023-02 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH7

Quant Time: Oct 09 05:30:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

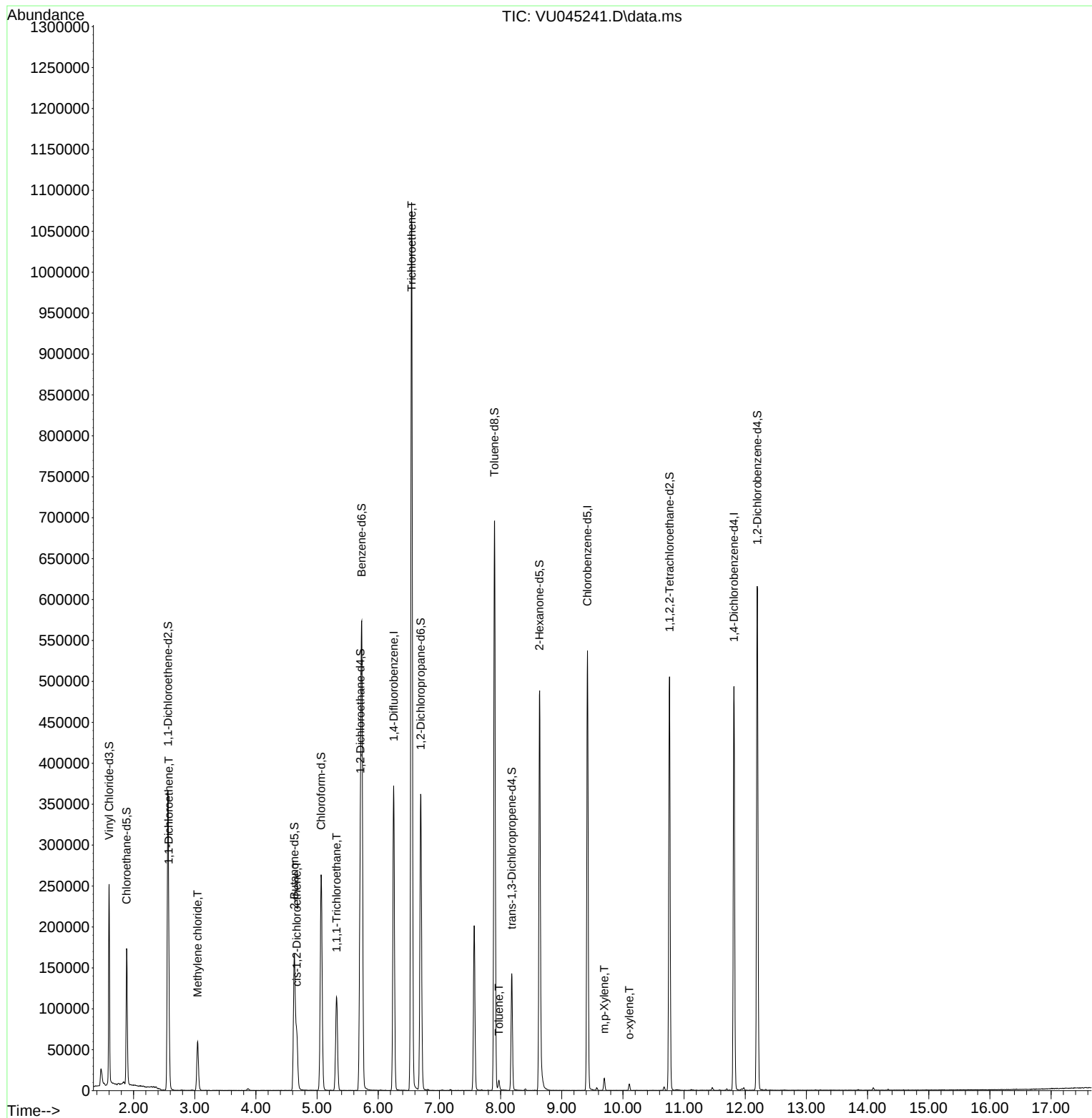
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	284702	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	275607	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	121075	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	162961	52.287	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.580%			
7) Chloroethane-d5	1.887	69	128988	52.227	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.460%			
11) 1,1-Dichloroethene-d2	2.562	63	212561	40.612	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.220%			
21) 2-Butanone-d5	4.629	46	236924	96.156	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.160%			
24) Chloroform-d	5.067	84	238358	48.423	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.840%			
26) 1,2-Dichloroethane-d4	5.707	65	170479	51.129	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.260%			
32) Benzene-d6	5.729	84	510846	53.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.840%			
36) 1,2-Dichloropropane-d6	6.694	67	164386	52.716	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.440%			
41) Toluene-d8	7.899	98	440139	53.330	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.660%			
43) trans-1,3-Dichloroprop...	8.182	79	74168	53.469	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.940%			
47) 2-Hexanone-d5	8.636	63	172387	99.756	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.760%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	250770	51.643	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.280%			
66) 1,2-Dichlorobenzene-d4	12.198	152	152280	57.793	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.580%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	26636	12.081	ug/L	# 11
16) Methylene chloride	3.047	84	28581	10.233	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	29628	11.577	ug/L	95
30) 1,1,1-Trichloroethane	5.317	97	80868	21.196	ug/L	98
34) Trichloroethene	6.546	95	364494	148.455	ug/L	99
42) Toluene	7.973	91	8268	0.796	ug/L	99
53) m,p-Xylene	9.697	106	4215	1.014	ug/L	74
54) o-xylene	10.105	106	2155	0.528	ug/L	96

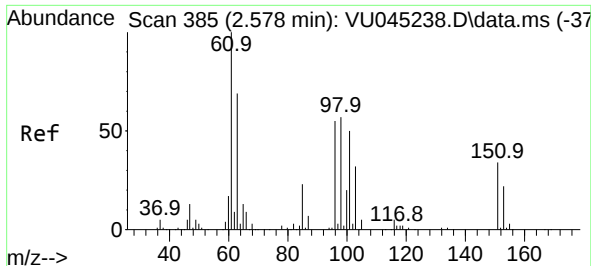
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 12.081 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU045241.D

Acq: 08 Oct 2021 11:07

Tgt Ion: 96 Resp: 26636

Ion Ratio Lower Upper

96 100

61 209.5 131.3 243.9

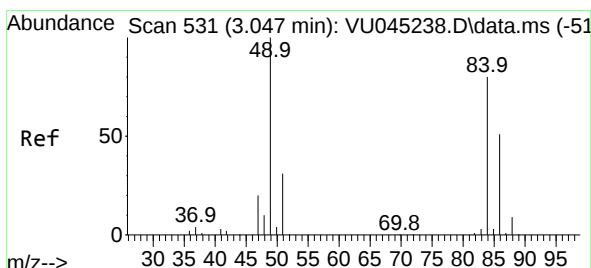
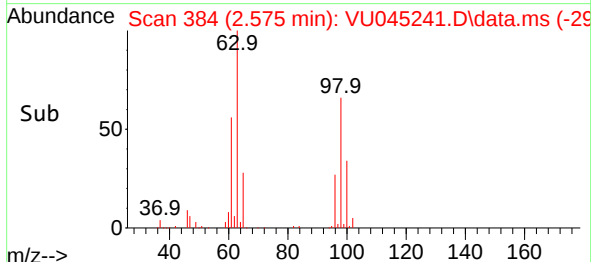
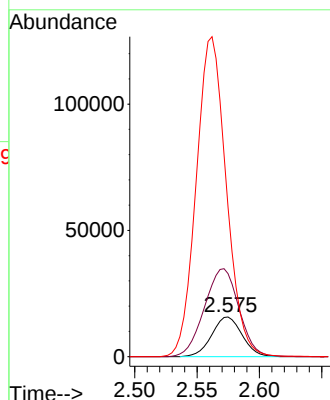
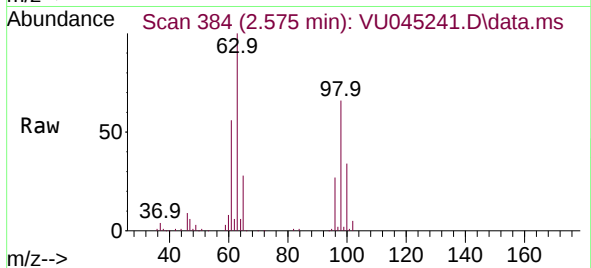
63 377.2 102.5 190.3#

Instrument :

MSVOA_U

ClientSampleId :

C0AH7



#16

Methylene chloride

Concen: 10.233 ug/L

RT: 3.047 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU045241.D

Acq: 08 Oct 2021 11:07

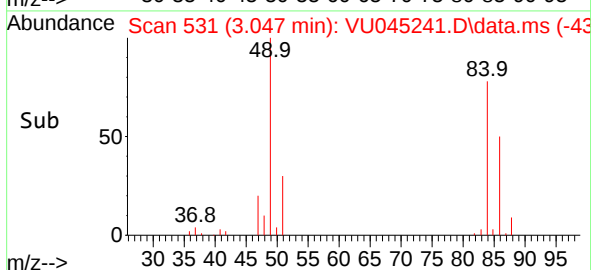
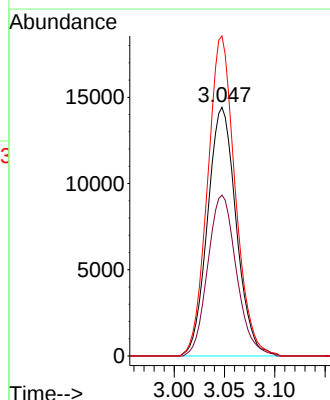
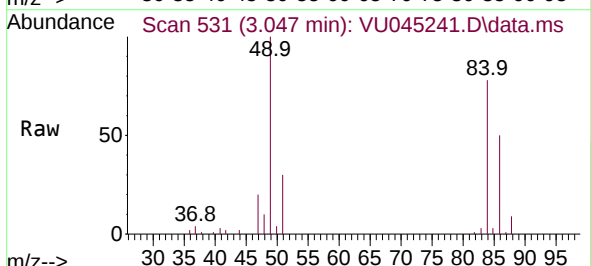
Tgt Ion: 84 Resp: 28581

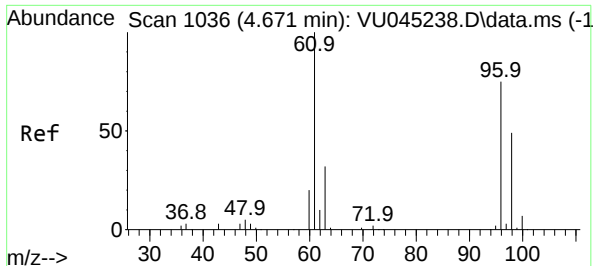
Ion Ratio Lower Upper

84 100

86 64.6 44.7 83.1

49 128.7 92.9 172.5





#20

cis-1,2-Dichloroethene

Concen: 11.577 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

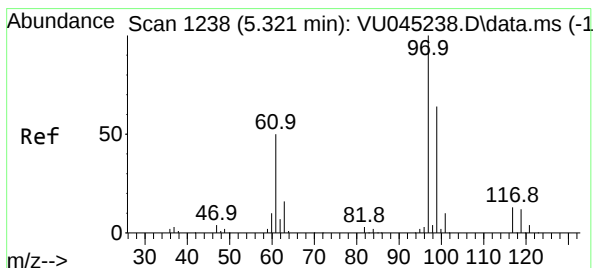
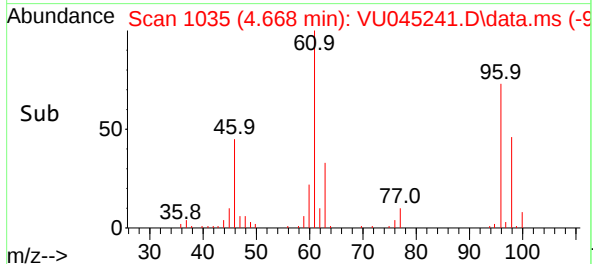
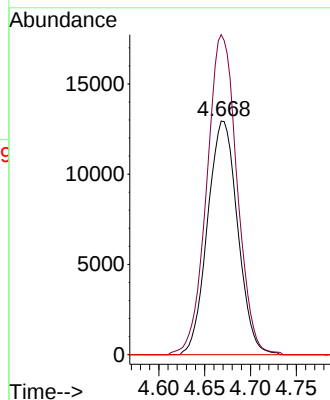
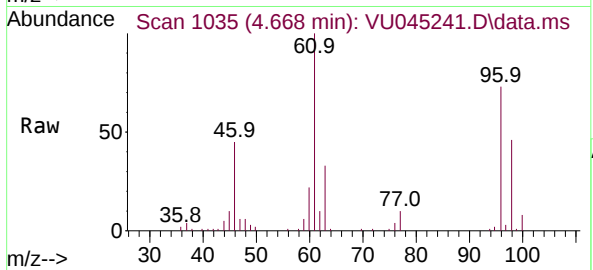
Lab File: VU045241.D

Acq: 08 Oct 2021 11:07

Tgt Ion: 96 Resp: 29628

Ion	Ratio	Lower	Upper
96	100		
61	137.0	100.2	186.0
68	0.0	0.0	0.0

Instrument :
MSVOA_U
ClientSampleId :
C0AH7



#30

1,1,1-Trichloroethane

Concen: 21.196 ug/L

RT: 5.317 min Scan# 1237

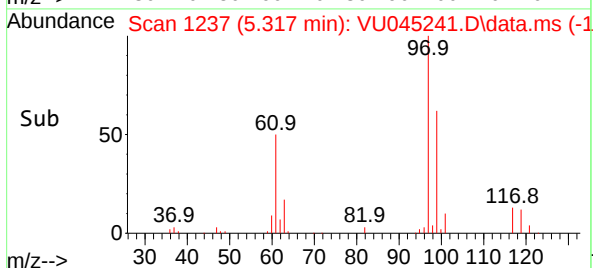
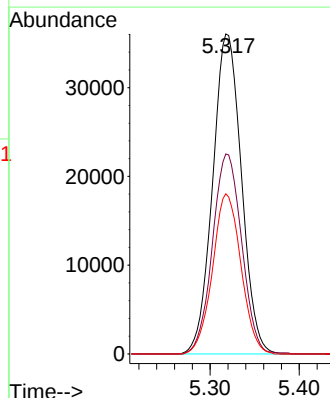
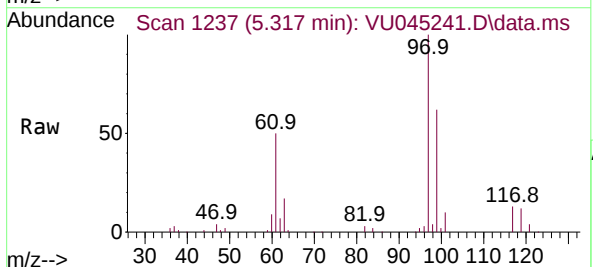
Delta R.T. -0.003 min

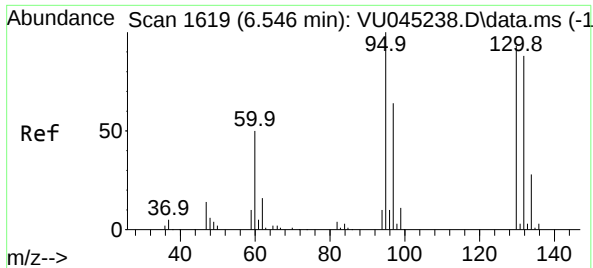
Lab File: VU045241.D

Acq: 08 Oct 2021 11:07

Tgt Ion: 97 Resp: 80868

Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.6	75.8
61	49.5	41.3	61.9



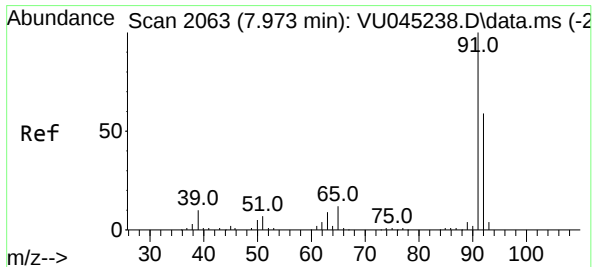
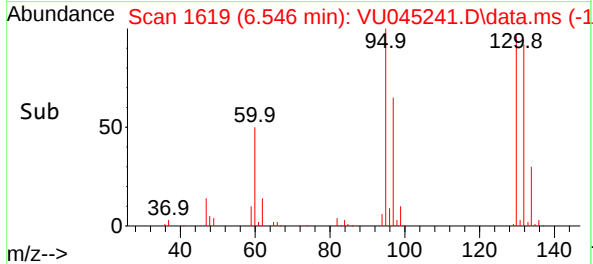
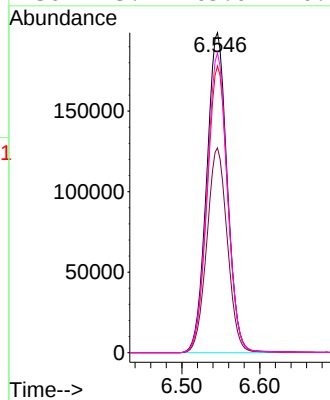
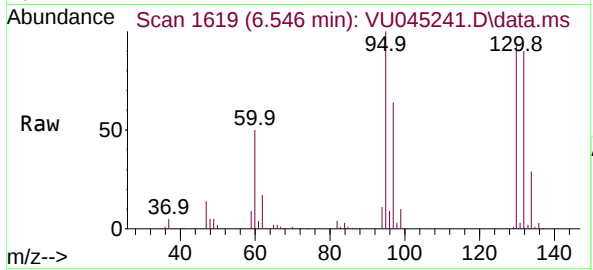


#34
Trichloroethene
Concen: 148.455 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045241.D
Acq: 08 Oct 2021 11:07

Instrument :
MSVOA_U
ClientSampleId :
C0AH7

Tgt Ion: 95 Resp: 364494

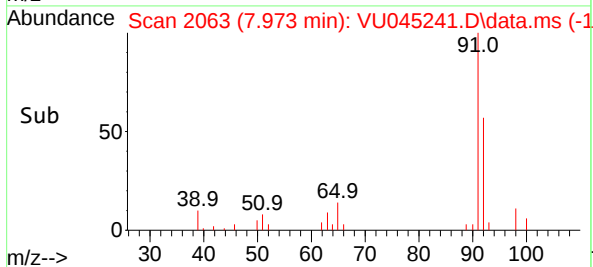
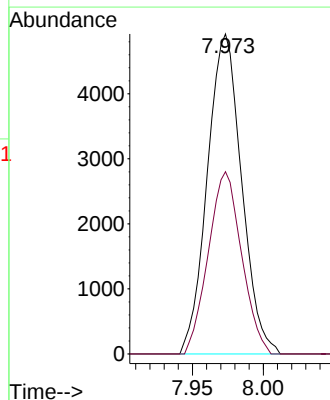
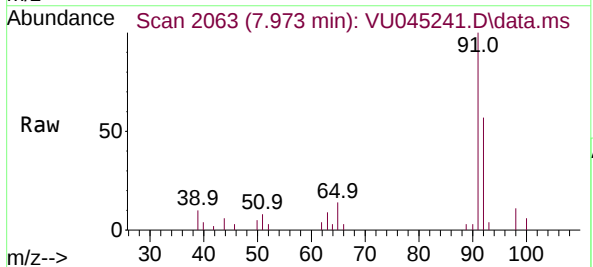
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.4	82.4
132	89.6	62.9	116.9
130	93.7	65.0	120.8

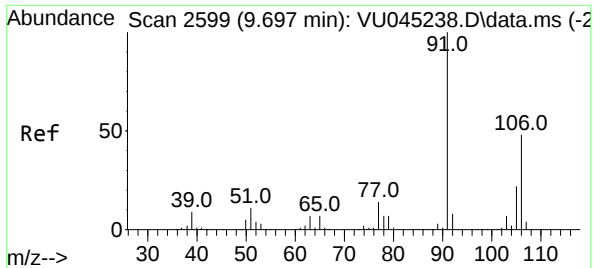


#42
Toluene
Concen: 0.796 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045241.D
Acq: 08 Oct 2021 11:07

Tgt Ion: 91 Resp: 8268

Ion	Ratio	Lower	Upper
91	100		
92	57.0	40.5	75.1

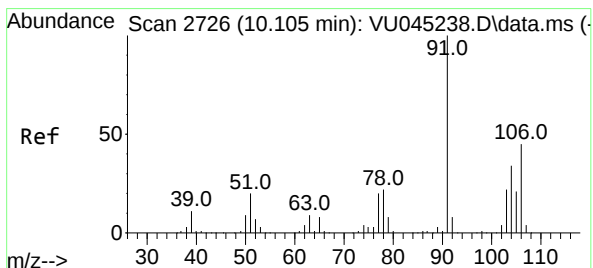
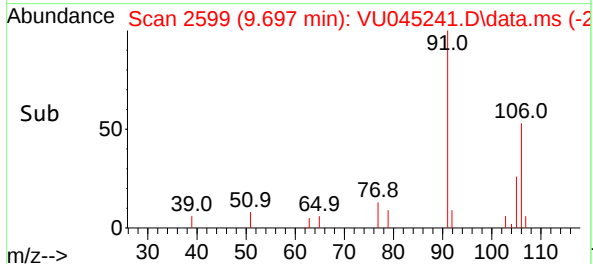
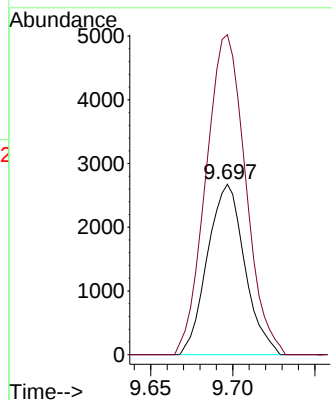
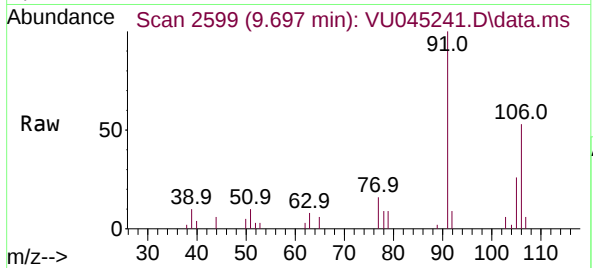




#53
m,p-Xylene
Concen: 1.014 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045241.D
Acq: 08 Oct 2021 11:07

Instrument :
MSVOA_U
ClientSampleId :
C0AH7

Tgt Ion:106 Resp: 4215
Ion Ratio Lower Upper
106 100
91 169.1 146.7 272.4



#54
o-xylene
Concen: 0.528 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045241.D
Acq: 08 Oct 2021 11:07

Tgt Ion:106 Resp: 2155
Ion Ratio Lower Upper
106 100
91 211.4 152.9 283.9

