

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU051019.D
 Acq On : 30 Sep 2022 07:24
 Operator : JC/MD
 Sample : N4859-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E10046

Quant Time: Sep 30 07:58:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 02:29:24 2022
 Response via : Initial Calibration

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

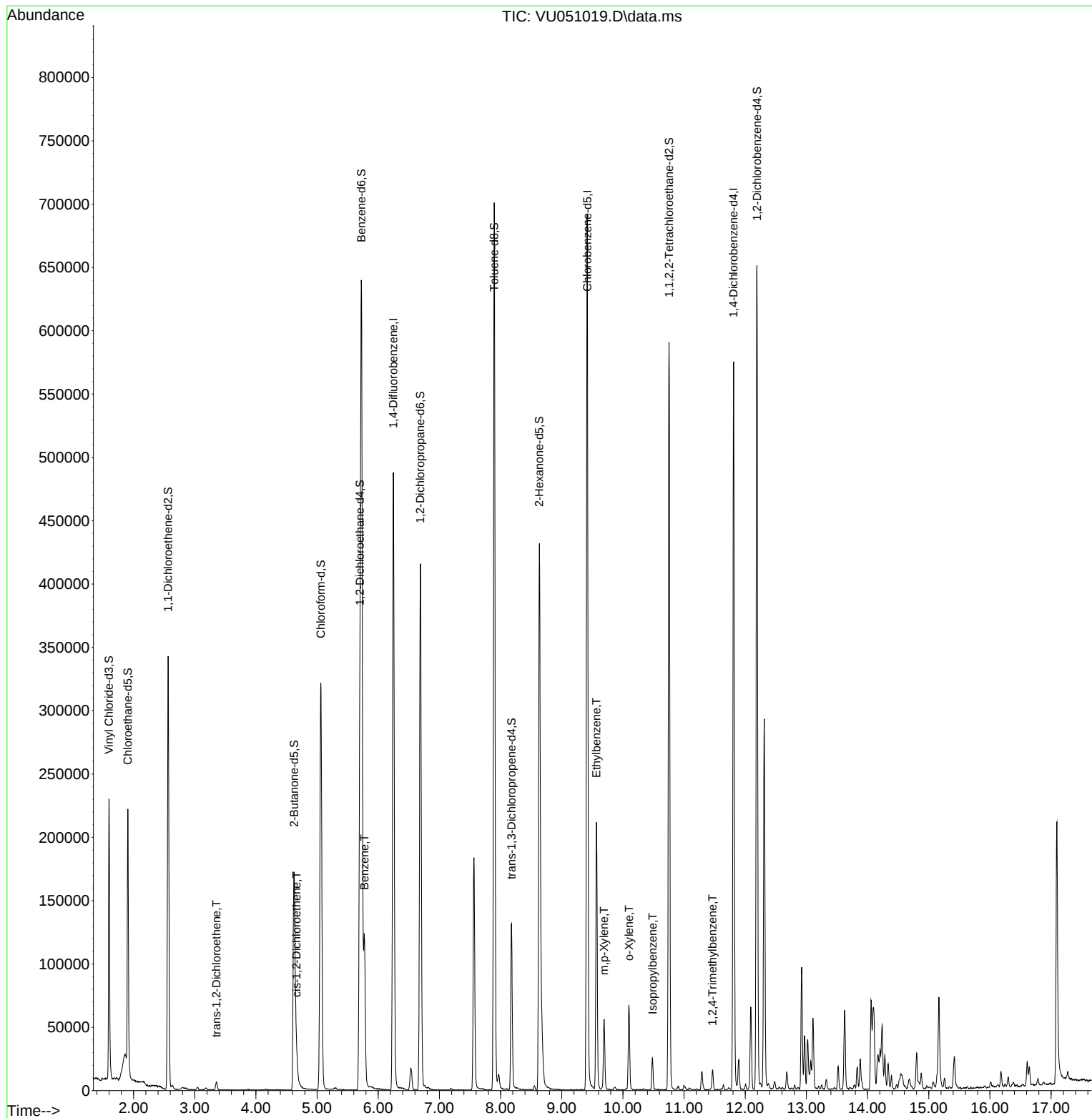
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	386226	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	386233	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	149405	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	168056	42.935	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.860%		
7) Chloroethane-d5	1.906	69	152058	41.820	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.640%		
11) 1,1-Dichloroethene-d2	2.565	63	201680	34.881	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.760%		
21) 2-Butanone-d5	4.623	46	254335	100.183	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.180%		
24) Chloroform-d	5.060	84	300807	47.700	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.400%		
26) 1,2-Dichloroethane-d4	5.700	65	195521	50.090	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.180%		
32) Benzene-d6	5.726	84	587101	51.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.820%		
36) 1,2-Dichloropropane-d6	6.687	67	200394	54.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	109.200%		
41) Toluene-d8	7.896	98	464873	44.486	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.980%		
43) trans-1,3-Dichloroprop...	8.179	79	74276	42.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.860%		
47) 2-Hexanone-d5	8.632	63	126261	85.200	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.200%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	300370	46.829	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.660%		
66) 1,2-Dichlorobenzene-d4	12.192	152	164889	51.662	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.320%		
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	3.356	96	2713	0.926	ug/L	85
20) cis-1,2-Dichloroethene	4.665	96	4604	1.407	ug/L	97
33) Benzene	5.774	78	116432	9.888	ug/L	100
52) Ethylbenzene	9.568	91	141490	10.591	ug/L	99
53) m,p-Xylene	9.693	106	14703	2.927	ug/L	93
54) o-Xylene	10.098	106	18109	3.606	ug/L	98
61) Isopropylbenzene	10.484	105	14958	1.541	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	8191	1.030	ug/L	96

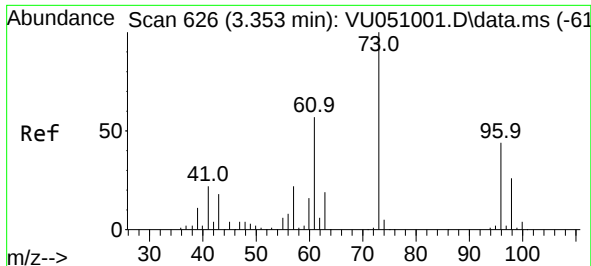
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 0.926 ug/L

RT: 3.356 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU051019.D

Acq: 30 Sep 2022 07:24

Instrument :

MSVOA_U

ClientSampleId :

E10046

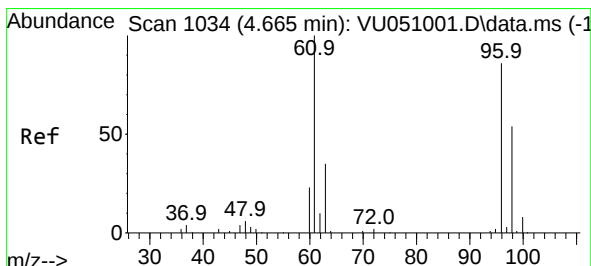
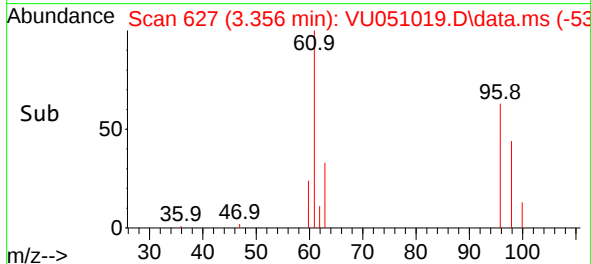
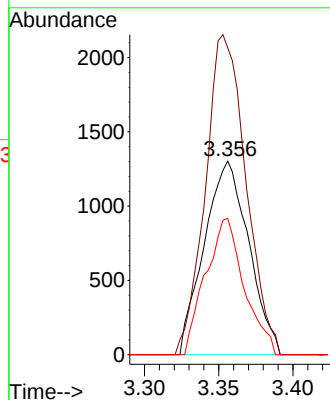
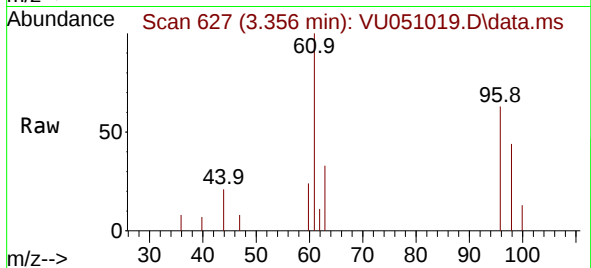
Tgt Ion: 96 Resp: 2713

Ion Ratio Lower Upper

96 100

61 158.6 95.1 176.5

98 70.4 45.1 83.7



#20

cis-1,2-Dichloroethene

Concen: 1.407 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051019.D

Acq: 30 Sep 2022 07:24

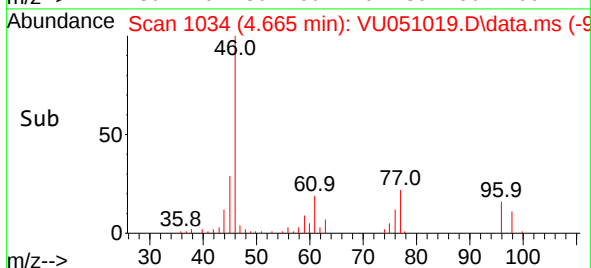
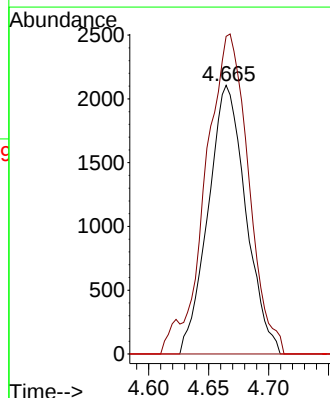
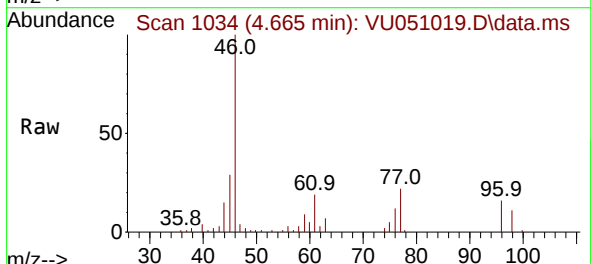
Tgt Ion: 96 Resp: 4604

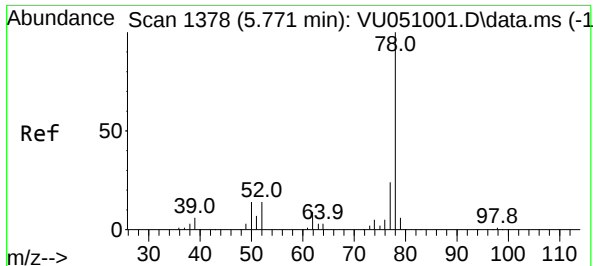
Ion Ratio Lower Upper

96 100

61 118.2 85.4 158.6

68 0.0 0.0 0.0

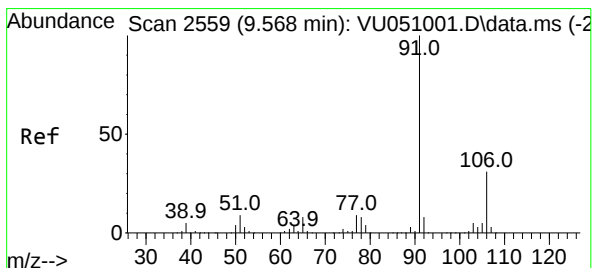
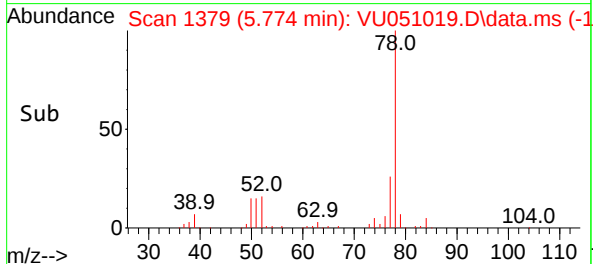
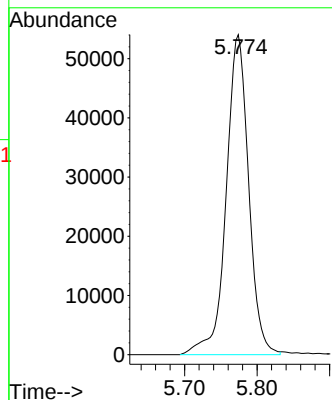
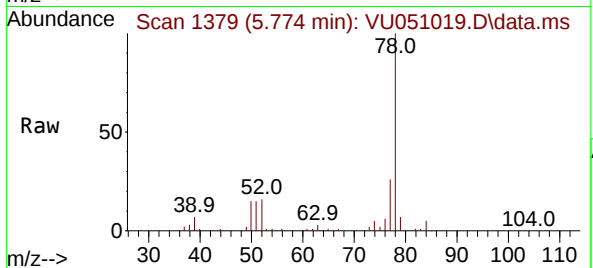




#33
Benzene
Concen: 9.888 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

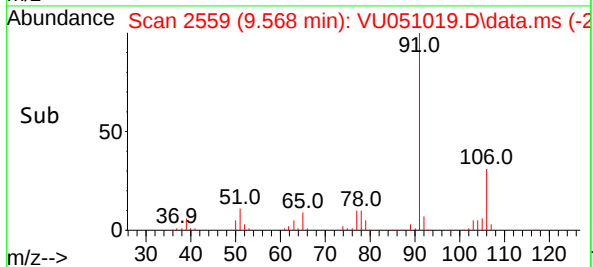
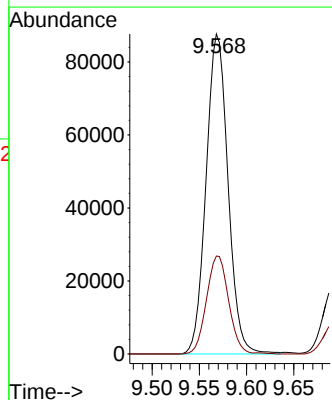
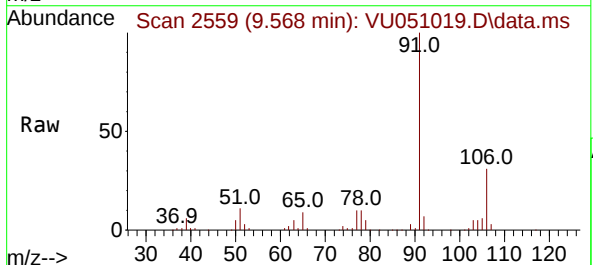
Instrument :
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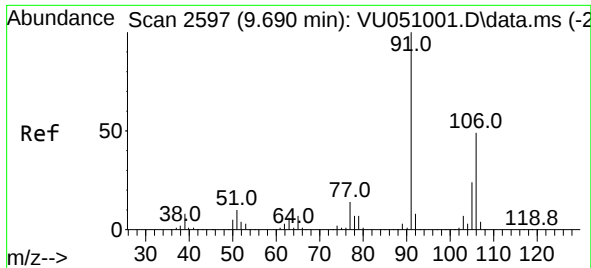
Tgt Ion: 78 Resp: 116432



#52
Ethylbenzene
Concen: 10.591 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Tgt Ion: 91 Resp: 141490
Ion Ratio Lower Upper
91 100
106 30.6 21.7 40.3

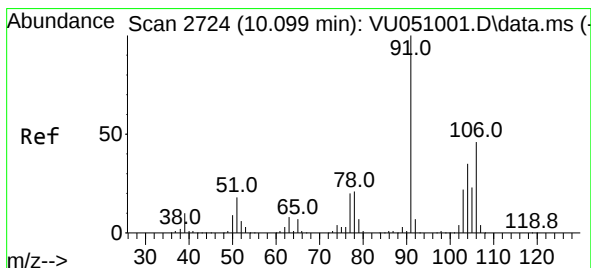
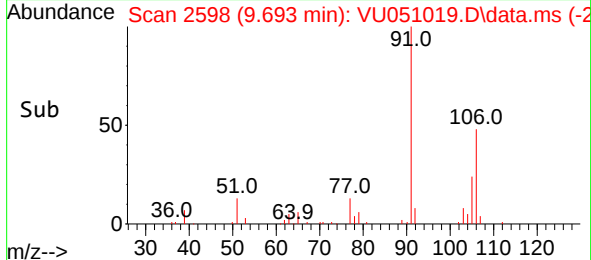
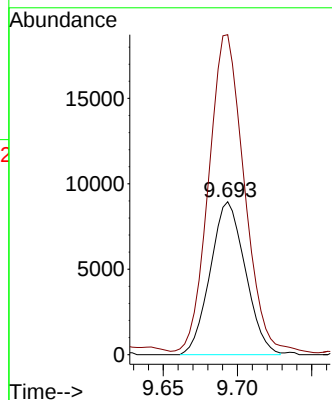
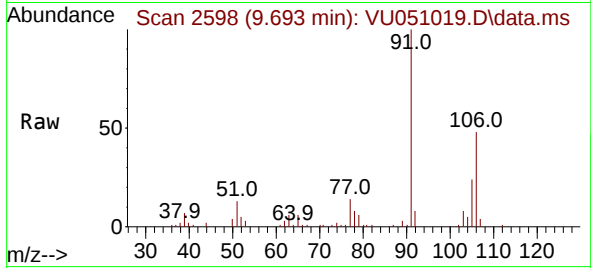




#53
m,p-Xylene
Concen: 2.927 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

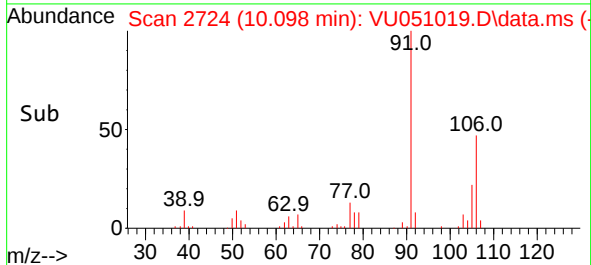
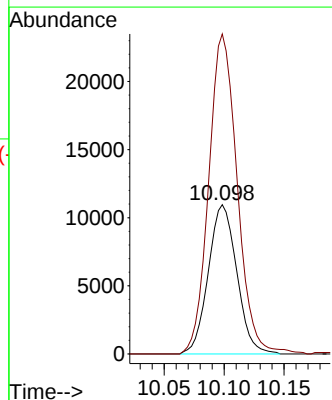
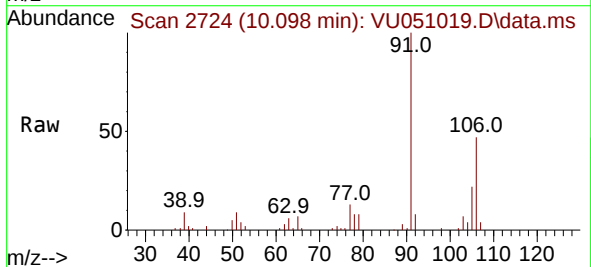
Instrument :
MSVOA_U
ClientSampleId :
E10046

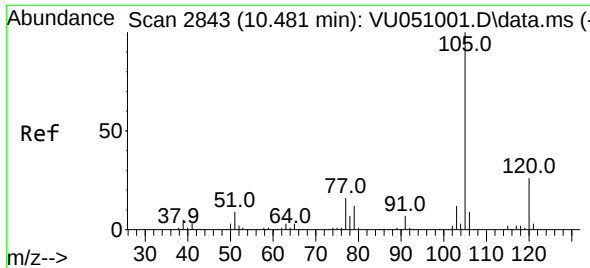
Tgt Ion:106 Resp: 14703
Ion Ratio Lower Upper
106 100
91 192.1 141.9 263.5



#54
o-Xylene
Concen: 3.606 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Tgt Ion:106 Resp: 18109
Ion Ratio Lower Upper
106 100
91 214.4 152.4 283.0

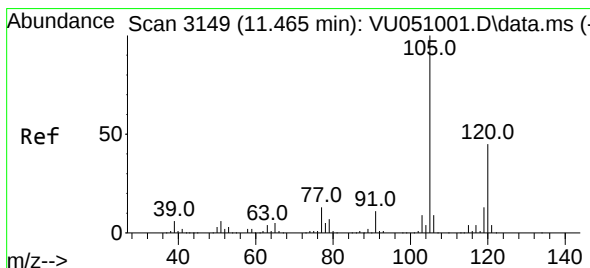
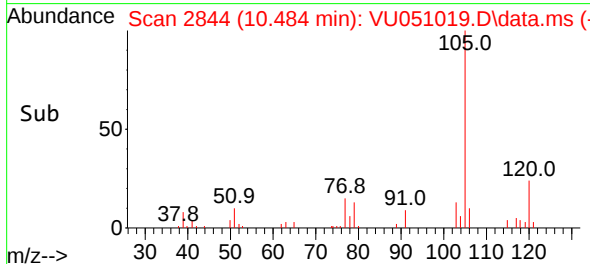
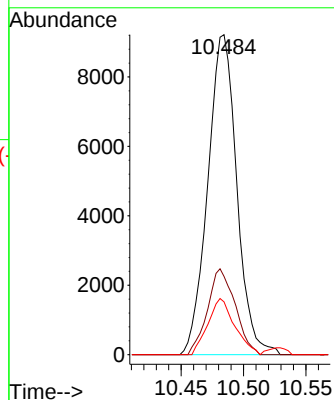
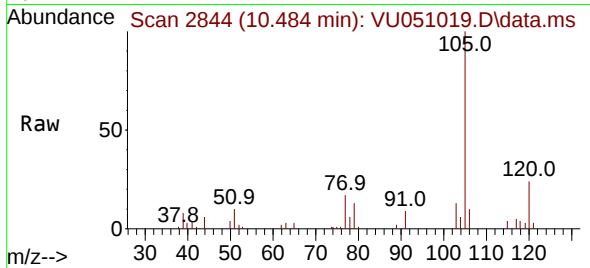




#61
Isopropylbenzene
Concen: 1.541 ug/L
RT: 10.484 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Instrument :
MSVOA_U
ClientSampleId :
E10046

Tgt Ion:105 Resp: 14958
Ion Ratio Lower Upper
105 100
120 25.5 21.1 31.7
77 16.2 12.8 19.2



#63
1,2,4-Trimethylbenzene
Concen: 1.030 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051019.D
Acq: 30 Sep 2022 07:24

Tgt Ion:105 Resp: 8191
Ion Ratio Lower Upper
105 100
120 47.0 35.5 53.3

