

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051041.D
 Acq On : 30 Sep 2022 18:07
 Operator : JC/MD
 Sample : N4859-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E10009

Quant Time: Oct 01 01:28:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 01:23:58 2022
 Response via : Initial Calibration

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

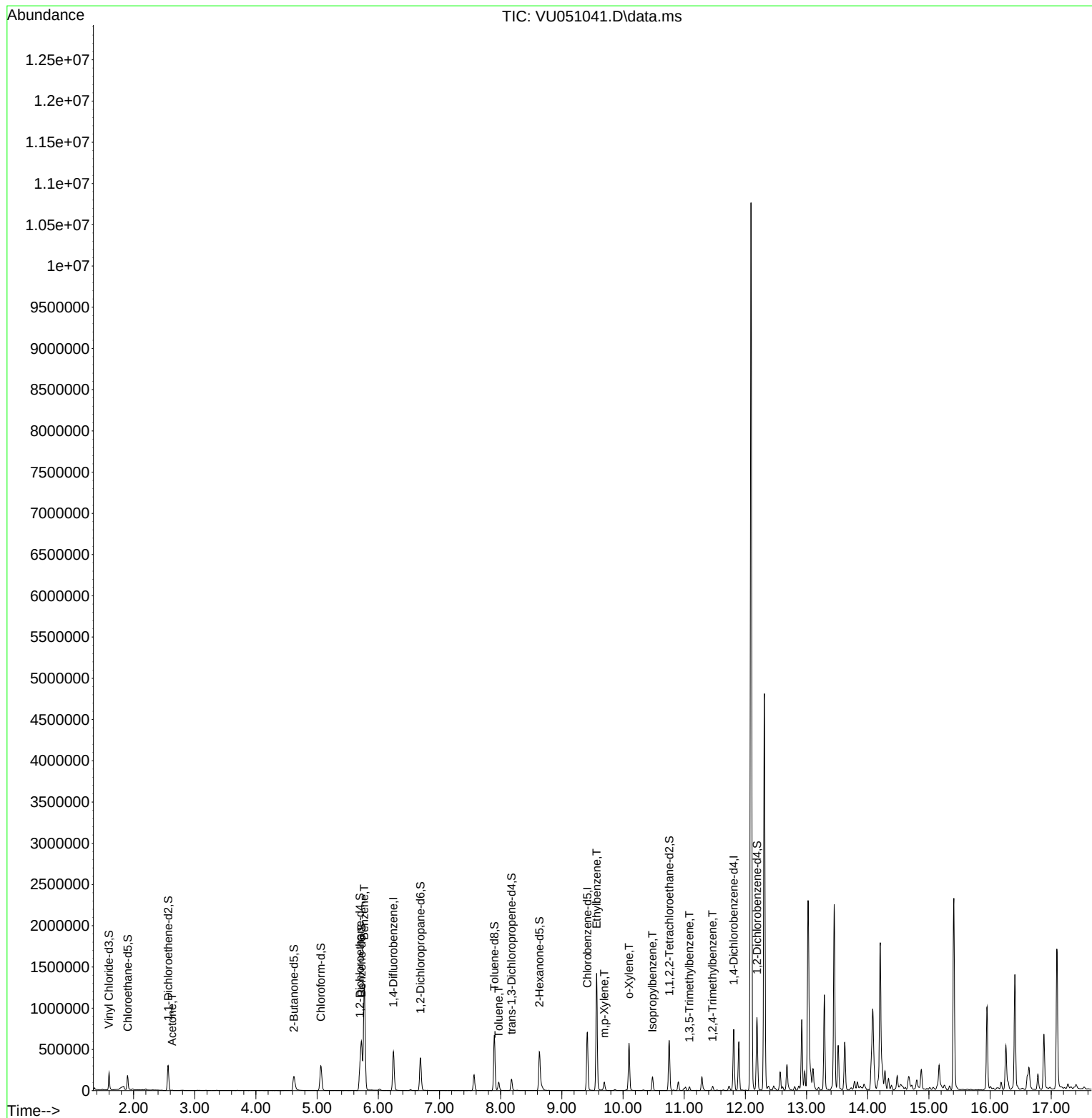
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	371832	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	386459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	185238	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	140152	37.192	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.380%		
7) Chloroethane-d5	1.903	69	129389	36.963	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.920%		
11) 1,1-Dichloroethene-d2	2.565	63	179018	32.160	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.320%		
21) 2-Butanone-d5	4.620	46	252143	103.165	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.160%		
24) Chloroform-d	5.060	84	281628	46.387	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.780%		
26) 1,2-Dichloroethane-d4	5.700	65	185798	49.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.880%		
32) Benzene-d6	5.726	84	545338	48.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.380%		
36) 1,2-Dichloropropane-d6	6.690	67	193186	52.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.220%		
41) Toluene-d8	7.896	98	445415	42.599	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.200%		
43) trans-1,3-Dichloroprop...	8.179	79	76954	43.935	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.860%		
47) 2-Hexanone-d5	8.632	63	136576	92.107	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.110%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	308216	48.024	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.040%		
66) 1,2-Dichlorobenzene-d4	12.192	152	207331	52.393	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.780%		
Target Compounds						Qvalue
13) Acetone	2.629	43	4649	2.382	ug/L	95
33) Benzene	5.771	78	1228558	104.275	ug/L	100
42) Toluene	7.967	91	73503	5.865	ug/L	93
52) Ethylbenzene	9.568	91	955047	71.446	ug/L	99
53) m,p-Xylene	9.693	106	27183	5.408	ug/L	99
54) o-Xylene	10.098	106	143778	28.616	ug/L	97
61) Isopropylbenzene	10.481	105	98708	8.203	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	23207	2.359	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	25566	2.592	ug/L	98

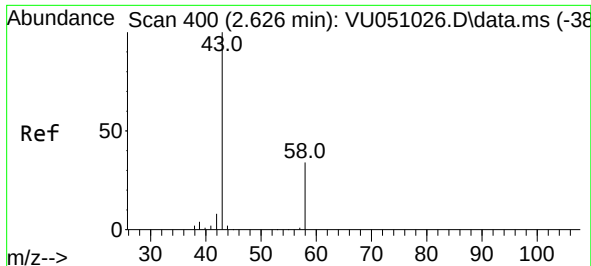
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.382 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU051041.D

Acq: 30 Sep 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

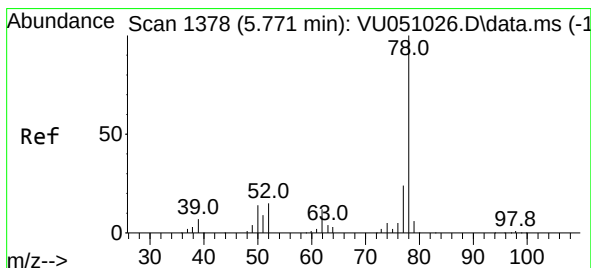
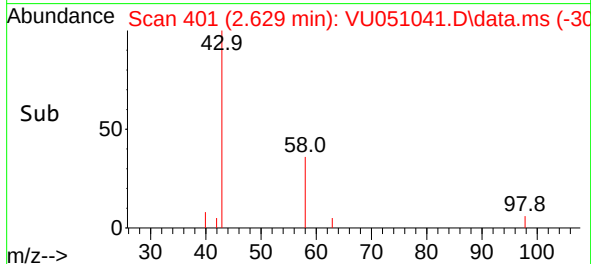
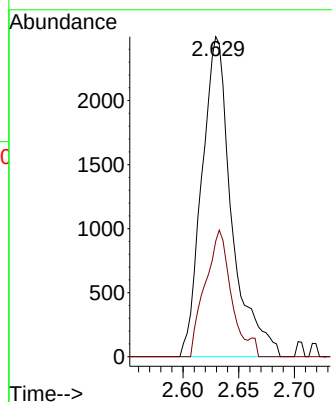
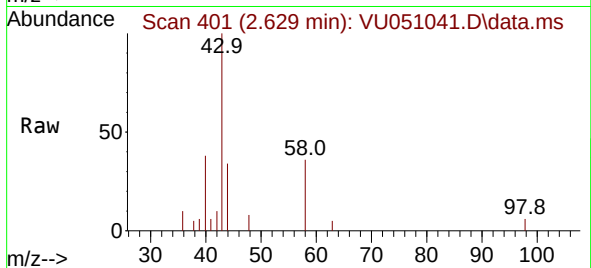
E10009

Tgt Ion: 43 Resp: 4649

Ion Ratio Lower Upper

43 100

58 33.8 0.0 73.6



#33

Benzene

Concen: 104.275 ug/L

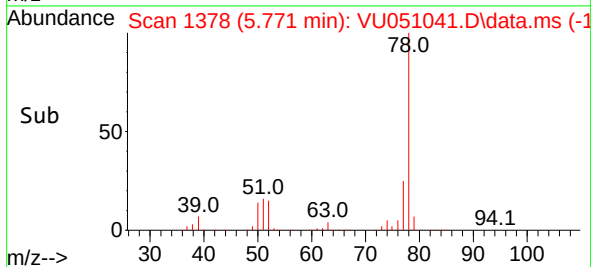
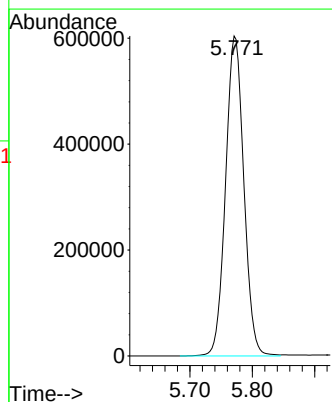
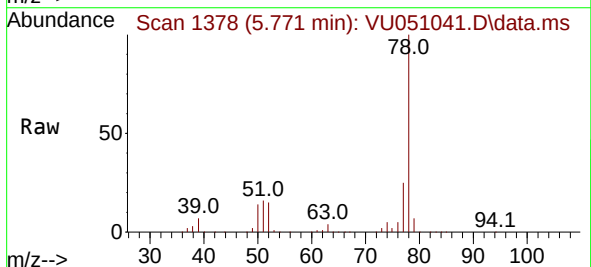
RT: 5.771 min Scan# 1378

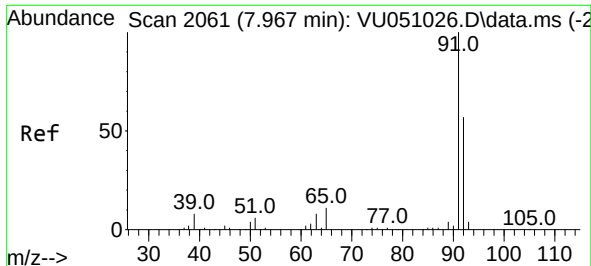
Delta R.T. -0.000 min

Lab File: VU051041.D

Acq: 30 Sep 2022 18:07

Tgt Ion: 78 Resp: 1228558





#42

Toluene

Concen: 5.865 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051041.D

Acq: 30 Sep 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

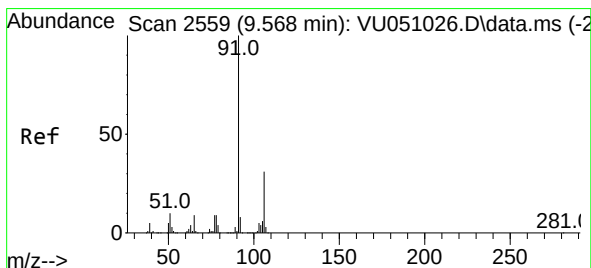
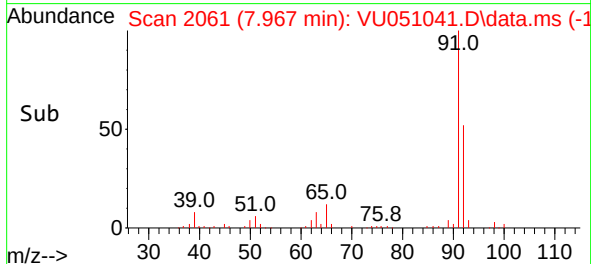
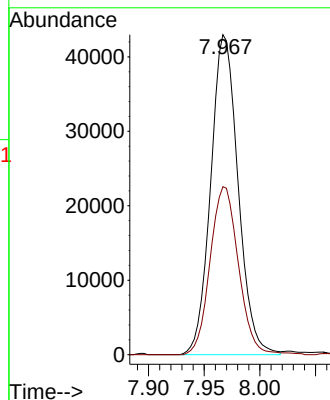
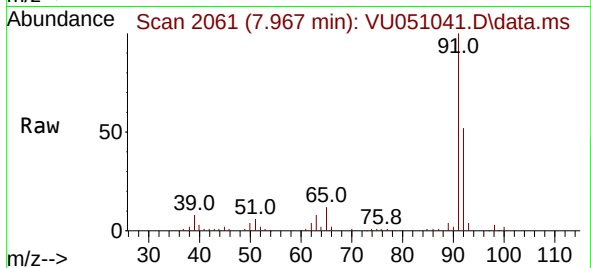
E10009

Tgt Ion: 91 Resp: 73503

Ion Ratio Lower Upper

91 100

92 52.5 40.1 74.5



#52

Ethylbenzene

Concen: 71.446 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. -0.000 min

Lab File: VU051041.D

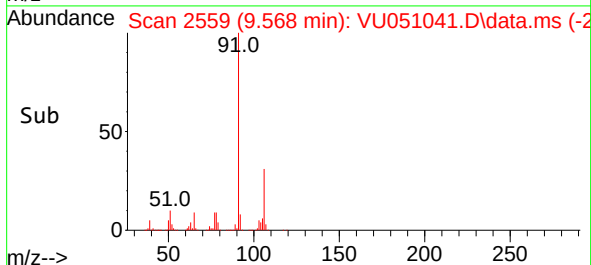
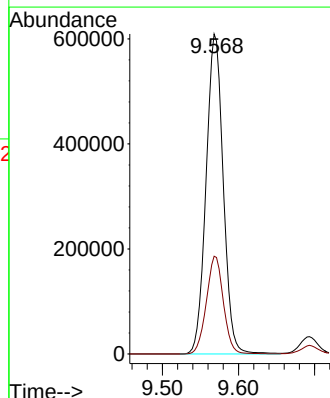
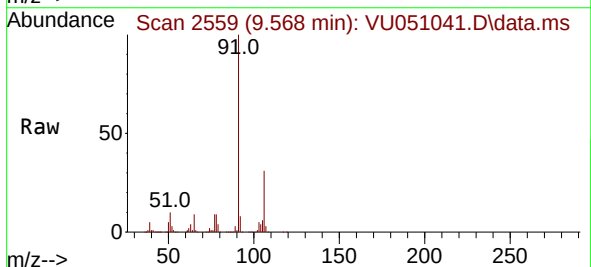
Acq: 30 Sep 2022 18:07

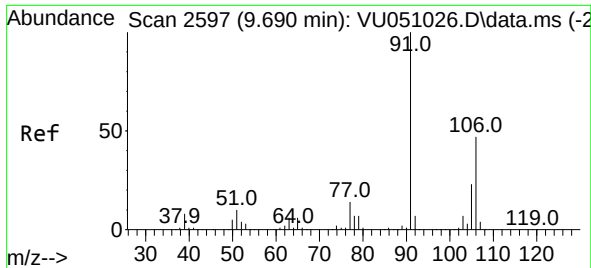
Tgt Ion: 91 Resp: 955047

Ion Ratio Lower Upper

91 100

106 30.5 21.7 40.3

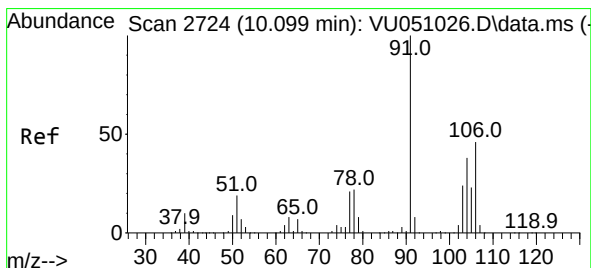
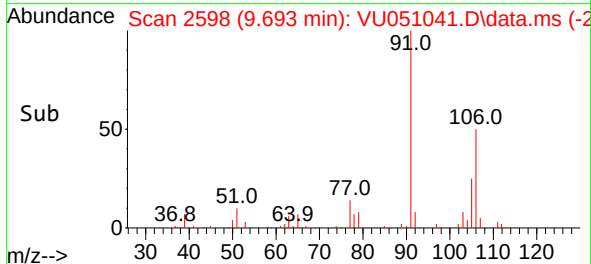
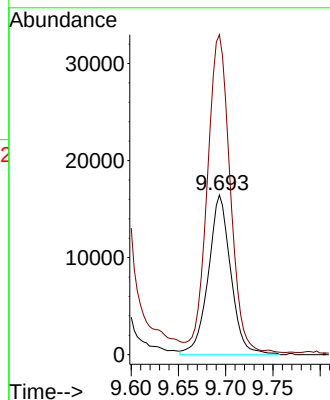
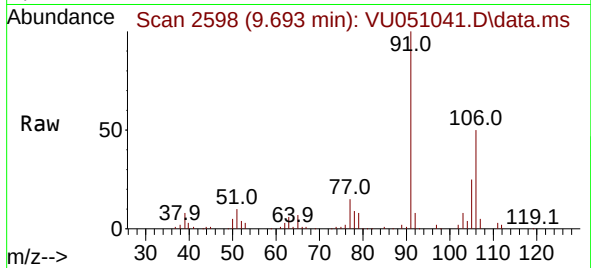




#53
m,p-Xylene
Concen: 5.408 ug/L
RT: 9.693 min Scan# 2597
Delta R.T. 0.003 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

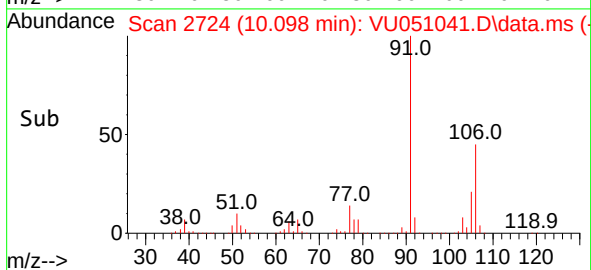
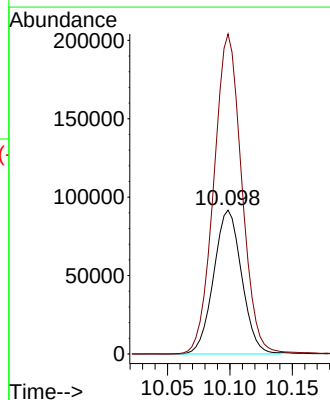
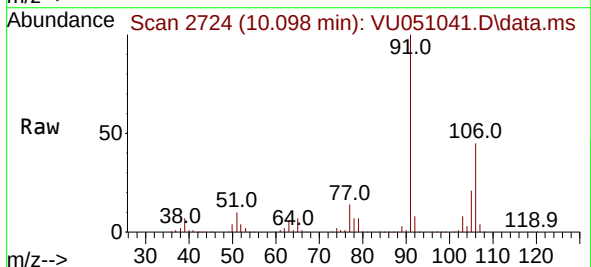
Instrument :
MSVOA_U
ClientSampleId :
E10009

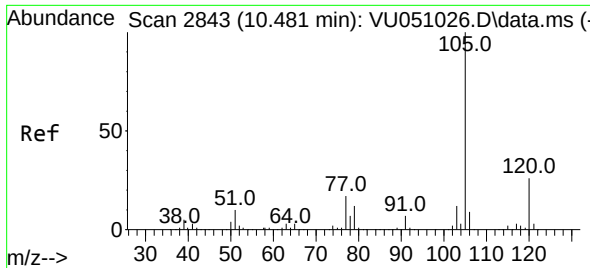
Tgt Ion:106 Resp: 27183
Ion Ratio Lower Upper
106 100
91 200.4 141.9 263.5



#54
o-Xylene
Concen: 28.616 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Tgt Ion:106 Resp: 143778
Ion Ratio Lower Upper
106 100
91 222.4 152.4 283.0

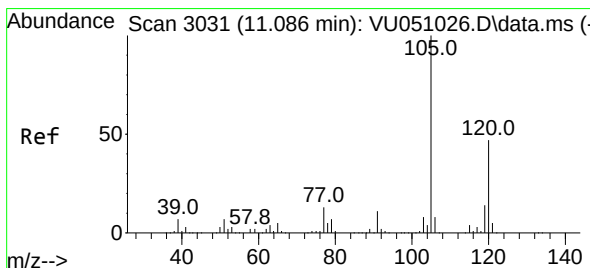
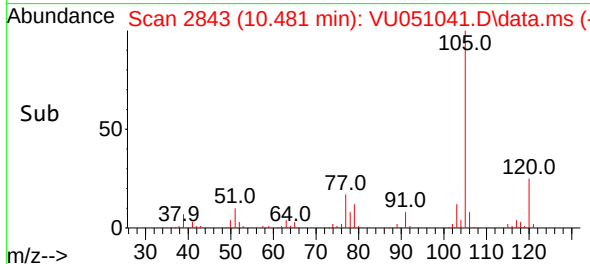
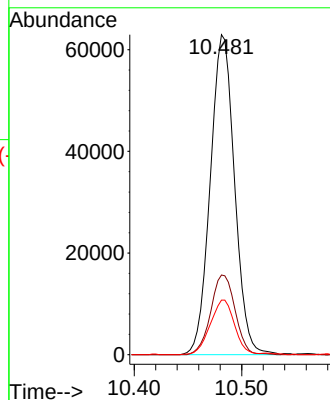
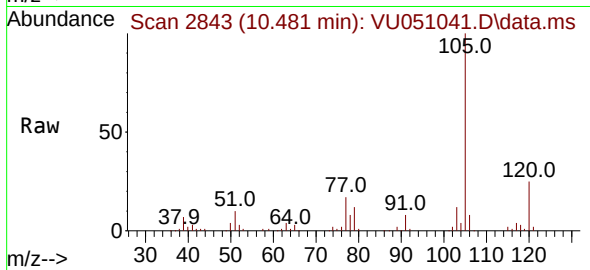




#61
Isopropylbenzene
Concen: 8.203 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

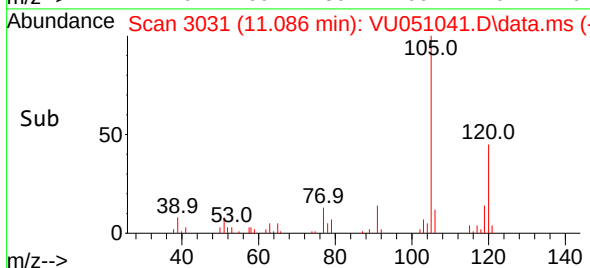
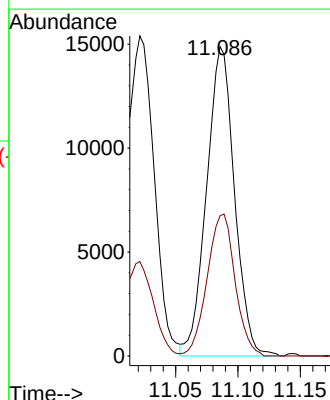
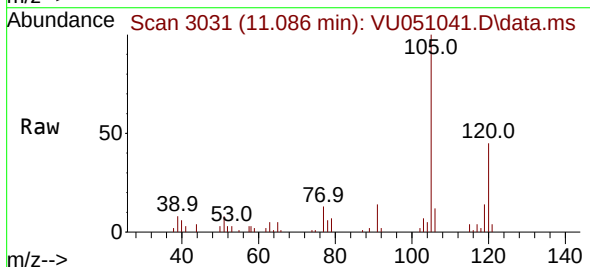
Instrument :
MSVOA_U
ClientSampleId :
E10009

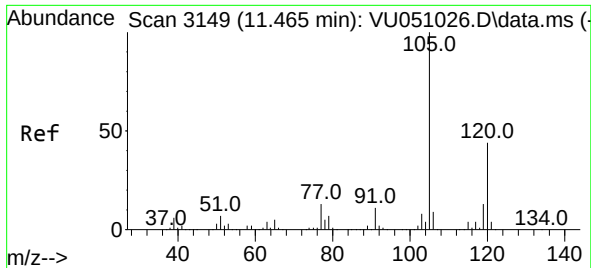
Tgt Ion:105 Resp: 98708
Ion Ratio Lower Upper
105 100
120 25.1 21.1 31.7
77 17.1 12.8 19.2



#62
1,3,5-Trimethylbenzene
Concen: 2.359 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051041.D
Acq: 30 Sep 2022 18:07

Tgt Ion:105 Resp: 23207
Ion Ratio Lower Upper
105 100
120 45.9 37.8 56.8





#63
 1,2,4-Trimethylbenzene
 Concen: 2.592 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU051041.D
 Acq: 30 Sep 2022 18:07

Instrument :
 MSVOA_U
 ClientSampleId :
 E10009

Tgt Ion:105 Resp: 25566
 Ion Ratio Lower Upper
 105 100
 120 43.1 35.5 53.3

